

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX053119\
 Data File : VX009975.D
 Acq On : 31 May 2019 10:51
 Operator : JC/SP
 Sample : VX0531WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Manual Integrations
 APPROVED

MMDadoda
 6/3/2019 9:47:19 AM

Quant Time: May 31 12:29:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167912	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	257834	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	237059	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	117390	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	105569	44.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.02%	
35) Dibromofluoromethane	5.49	113	76779	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	8.71	98	314884	47.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.68%	
62) 4-Bromofluorobenzene	11.13	95	115347	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	46110	22.472	ug/l	99
3) Chloromethane	1.33	50	54821	19.874	ug/l	99
4) Vinyl Chloride	1.41	62	49021	19.714	ug/l	99
5) Bromomethane	1.64	94	26967	17.899	ug/l	96
6) Chloroethane	1.72	64	27473	17.948	ug/l	98
7) Trichlorofluoromethane	1.93	101	55080	20.045	ug/l	99
8) Diethyl Ether	2.18	74	23307	18.049	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	33901	20.435	ug/l	98
10) Methyl Iodide	2.51	142	29636	17.739	ug/l	98
11) Tert butyl alcohol	3.04	59	53875	92.295	ug/l	99
12) 1,1-Dichloroethene	2.37	96	32643	19.196	ug/l	99
13) Acrolein	2.29	56	31034	89.772	ug/l	97
14) Allyl chloride	2.73	41	81363	19.686	ug/l	98
15) Acrylonitrile	3.14	53	132349	94.100	ug/l	99
16) Acetone	2.44	43	138294	100.913	ug/l	97
17) Carbon Disulfide	2.57	76	97873	19.246	ug/l	99
18) Methyl Acetate	2.77	43	61778	19.373	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	123142	19.181	ug/l	98
20) Methylene Chloride	2.85	84	39813	18.971	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	35056	18.528	ug/l	96
22) Diisopropyl ether	3.85	45	156450	19.895	ug/l	98
23) Vinyl Acetate	3.81	43	698353	98.854	ug/l	97
24) 1,1-Dichloroethane	3.70	63	74810	19.630	ug/l	99
25) 2-Butanone	4.67	43	208825	97.805	ug/l	95
26) 2,2-Dichloropropane	4.58	77	55626	19.295	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	40867	18.711	ug/l	96
28) Bromochloromethane	5.01	49	35434	17.917	ug/l	96
29) Tetrahydrofuran	5.13	42	132340	96.658	ug/l	97
30) Chloroform	5.21	83	67095	19.521	ug/l	99
31) Cyclohexane	5.58	56	73245	20.292	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	55665	19.887	ug/l	98
36) 1,1-Dichloropropene	5.79	75	50989	19.491	ug/l	99
37) Ethyl Acetate	4.83	43	75737	20.778	ug/l	99
38) Carbon Tetrachloride	5.78	117	46554	20.594	ug/l	97

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 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
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 VX0531WBS01

Manual Integrations
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MMDadoda
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Quant Time: May 31 12:29:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 28 13:02:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	64648	20.834	ug/l	97
40) Benzene	6.14	78	154602	19.922	ug/l	98
41) Methacrylonitrile	5.04	41	43038	20.206	ug/l	98
42) 1,2-Dichloroethane	6.19	62	57399	20.007	ug/l	99
43) Isopropyl Acetate	6.44	43	111007	18.874	ug/l	100
44) Trichloroethene	7.21	130	37089	19.676	ug/l	96
45) 1,2-Dichloropropane	7.51	63	43492	19.469	ug/l	100
46) Dibromomethane	7.66	93	25434	19.342	ug/l	99
47) Bromodichloromethane	7.90	83	50420	20.164	ug/l	98
48) Methyl methacrylate	7.77	41	56428	19.381	ug/l	97
49) 1,4-Dioxane	7.74	88	20892	385.761	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	376152	98.314	ug/l	98
52) Toluene	8.78	92	96932	20.572	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	57916	19.313	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	63686	19.491	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	37817	19.941	ug/l	98
56) Ethyl methacrylate	9.18	69	66792	19.783	ug/l	94
57) 1,3-Dichloropropane	9.37	76	67200	19.731	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	166331	93.950	ug/l	99
59) 2-Hexanone	9.49	43	302782	102.789	ug/l	97
60) Dibromochloromethane	9.58	129	37475	20.088	ug/l	99
61) 1,2-Dibromoethane	9.67	107	38774	19.901	ug/l	100
64) Tetrachloroethene	9.34	164	34896	21.074	ug/l	98
65) Chlorobenzene	10.13	112	100882	20.327	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	35027	20.349	ug/l	100
67) Ethyl Benzene	10.25	91	185912	20.863	ug/l	100
68) m/p-Xylenes	10.36	106	134160	40.753	ug/l	96
69) o-Xylene	10.69	106	65165	20.640	ug/l	99
70) Styrene	10.71	104	114098	20.610	ug/l	99
71) Bromoform	10.85	173	28148	20.005	ug/l #	100
73) Isopropylbenzene	11.02	105	176094	20.331	ug/l	99
74) N-amyl acetate	10.90	43	105073	20.302	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	64748	20.038	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	57248m	17.227	ug/l	
77) Bromobenzene	11.25	156	42636	19.316	ug/l	98
78) n-propylbenzene	11.36	91	207267	20.761	ug/l	100
79) 2-Chlorotoluene	11.42	91	120763	19.798	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	150225	20.588	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21215	18.698	ug/l	94
82) 4-Chlorotoluene	11.51	91	142332	20.045	ug/l	98
83) tert-Butylbenzene	11.77	119	141134	20.217	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	150734	20.341	ug/l	100
85) sec-Butylbenzene	11.94	105	172339	20.751	ug/l	99
86) p-Isopropyltoluene	12.06	119	156541	20.956	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	77320	19.676	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	77434	19.321	ug/l	98
89) n-Butylbenzene	12.38	91	146353	20.847	ug/l	100
90) Hexachloroethane	12.60	117	26380	20.578	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	77219	19.931	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14827	19.494	ug/l	94

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Manual Integrations
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Tue May 28 13:02:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	56393	20.368	ug/l	98
94) Hexachlorobutadiene	13.78	225	29292	21.093	ug/l	99
95) Naphthalene	13.83	128	170435	19.781	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	55250	19.935	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed

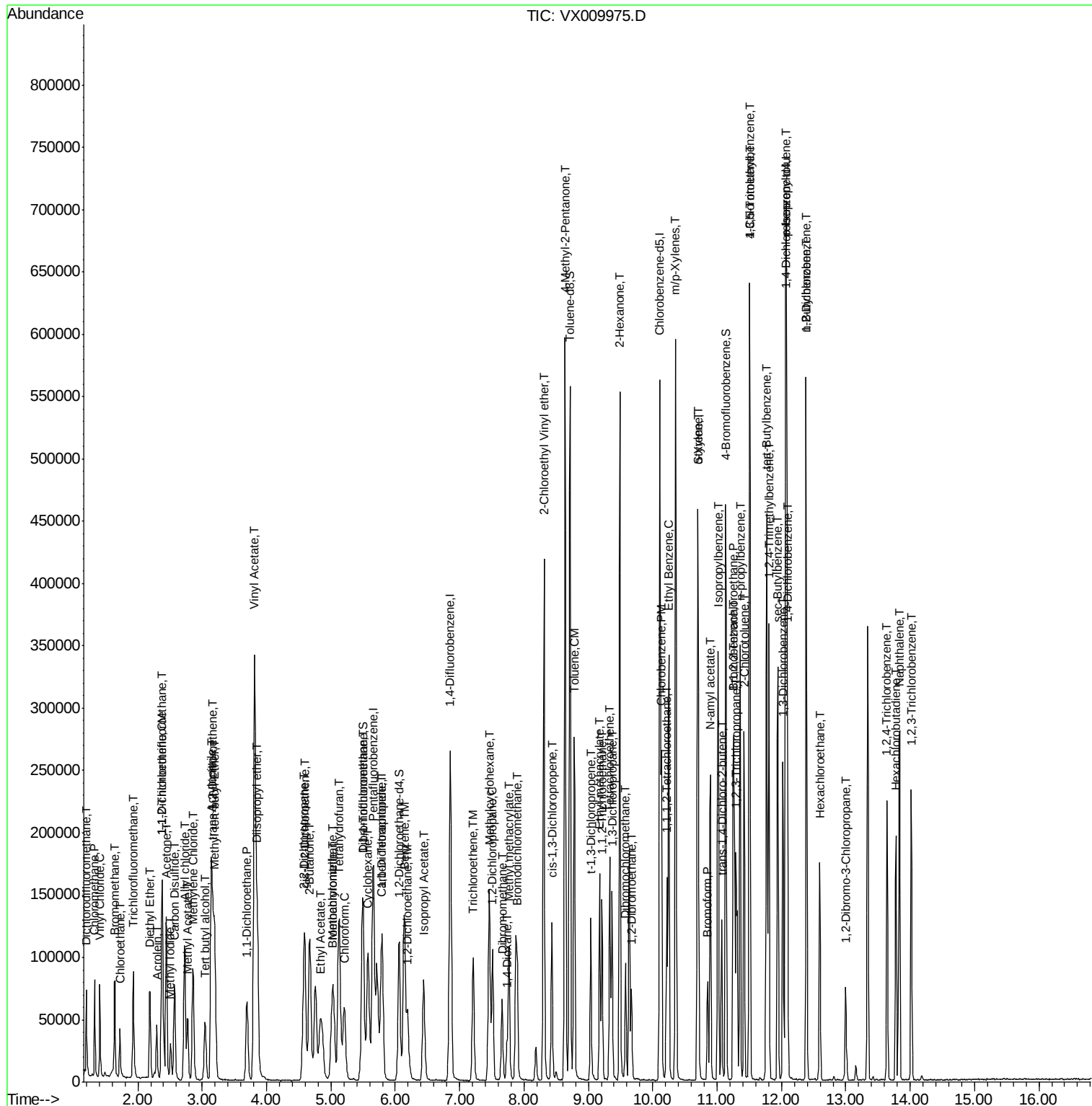
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Data File : VX009975.D
Acq On : 31 May 2019 10:51
Operator : JC/SP
Sample : VX0531WBS01
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 4 Sample Multiplier: 1

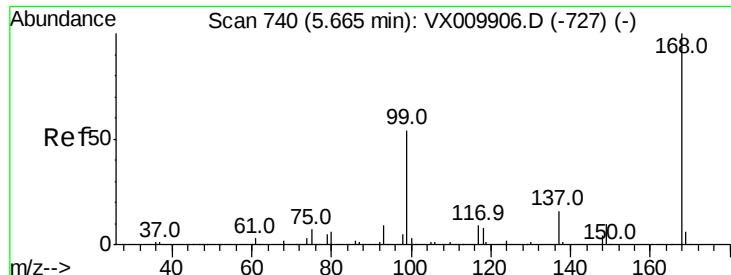
Instrument :
MSVOA_X
Client Sampled :
VX0531WBS01

Manual Integrations
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
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#1

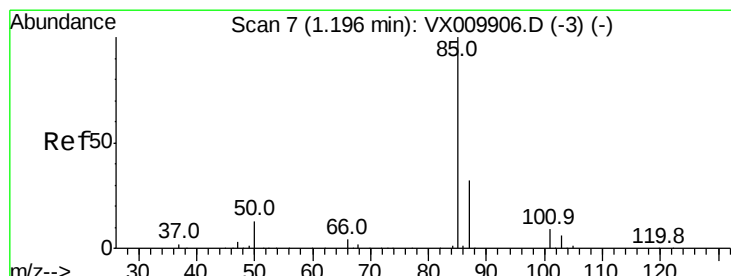
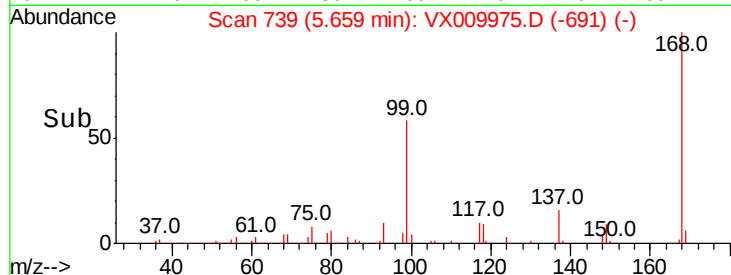
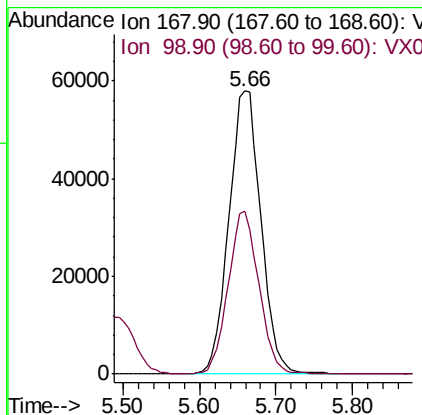
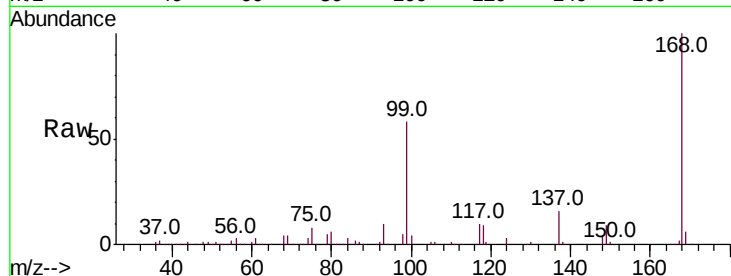
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100	167912		
99	57.4	42.3	63.5	

Manual Integrations
 APPROVED

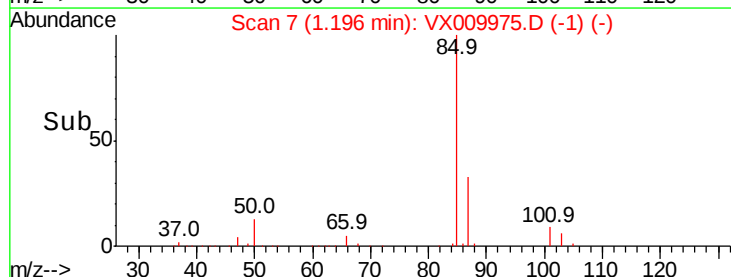
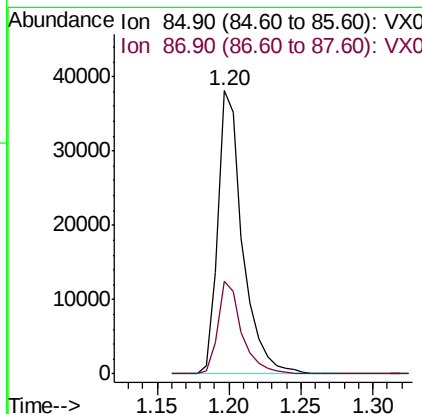
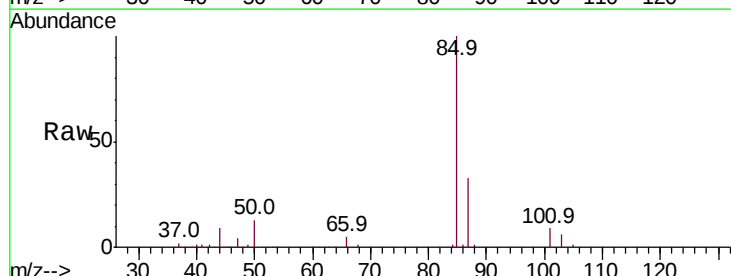
MMDadoda
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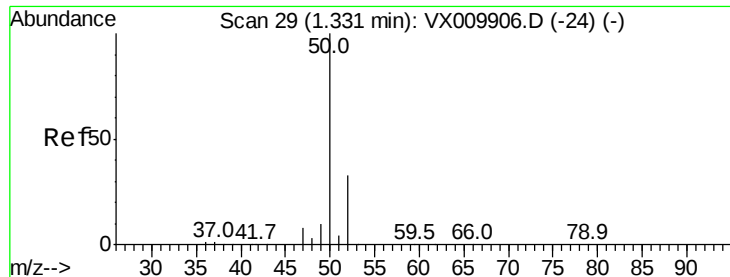


#2

Dichlorodifluoromethane
 Concen: 22.472 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
85	100	46110		
87	32.8	16.1	48.3	





#3

Chloromethane

Concen: 19.874 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampled :

VX0531WBS01

Tot Ion: 50 Resp: 54821

Ion Ratio Lower Upper

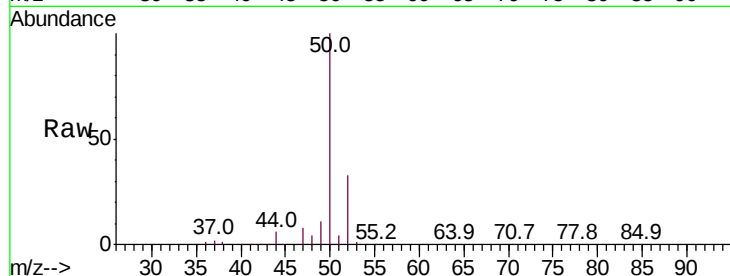
50 100

52 33.1 25.9 38.9

Manual Integrations
APPROVED

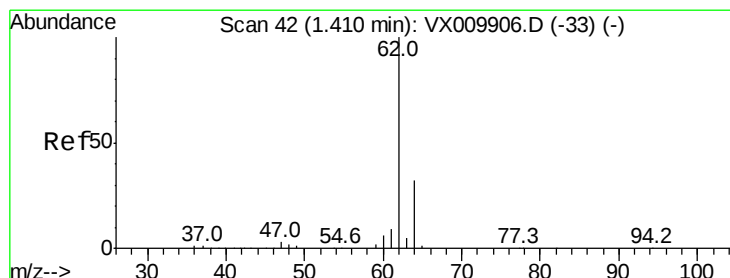
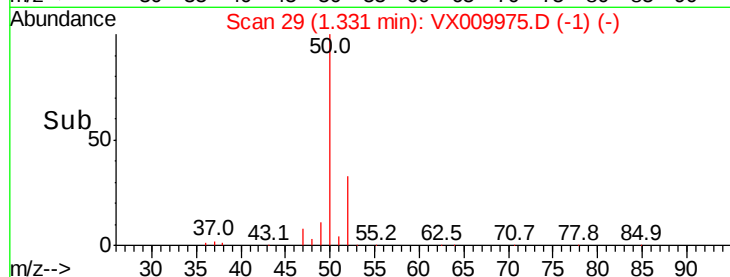
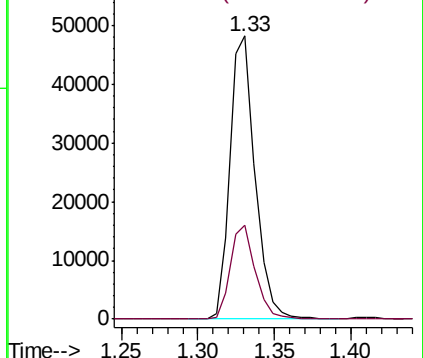
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.714 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009975.D

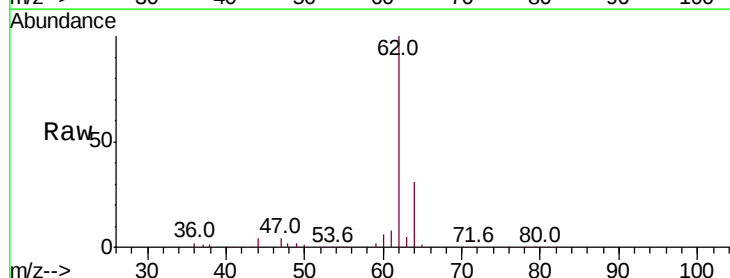
Acq: 31 May 2019 10:51

Tgt Ion: 62 Resp: 49021

Ion Ratio Lower Upper

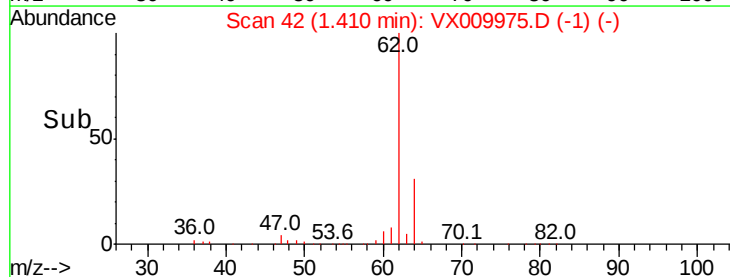
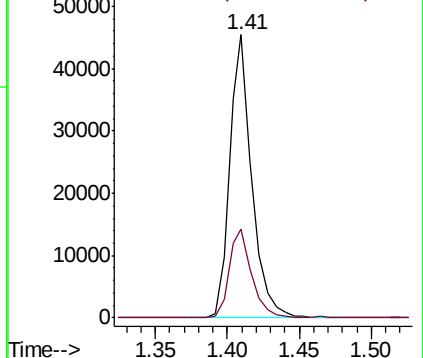
62 100

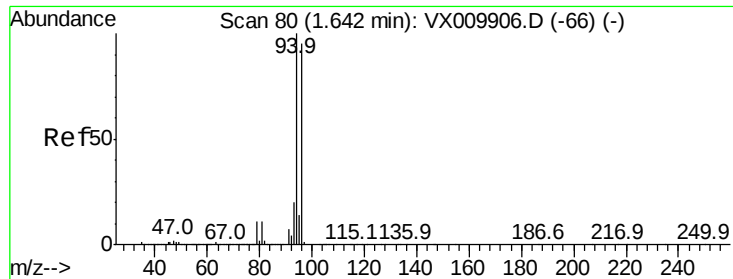
64 31.2 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.899 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion: 94 Resp: 26967

Ion Ratio Lower Upper

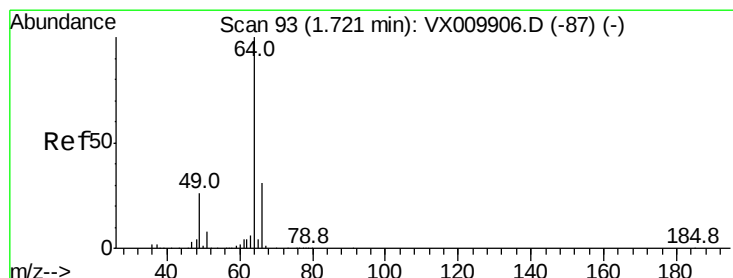
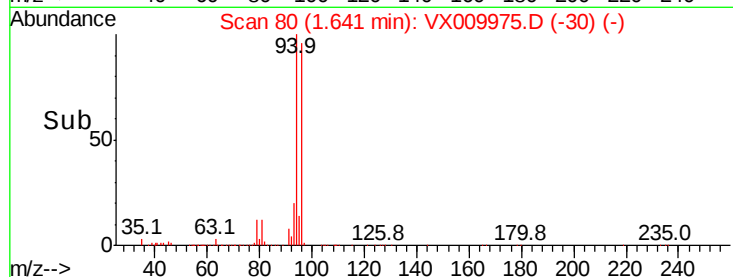
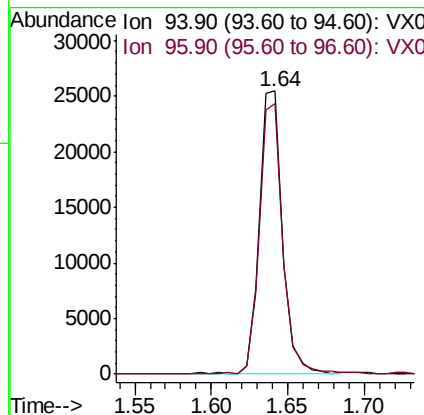
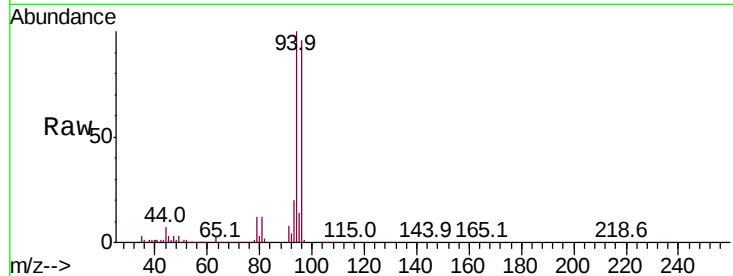
94 100

96 95.5 73.0 109.6

Manual Integrations
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#6

Chloroethane

Concen: 17.948 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX009975.D

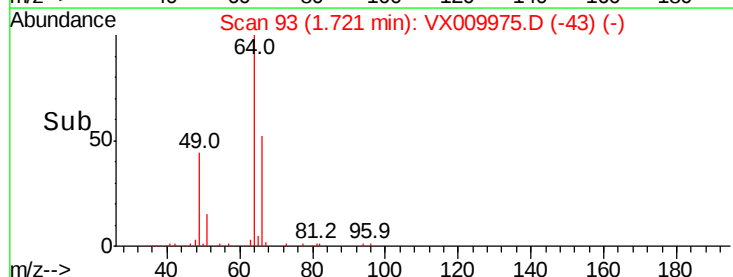
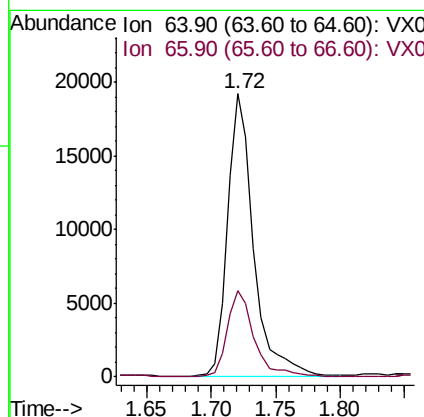
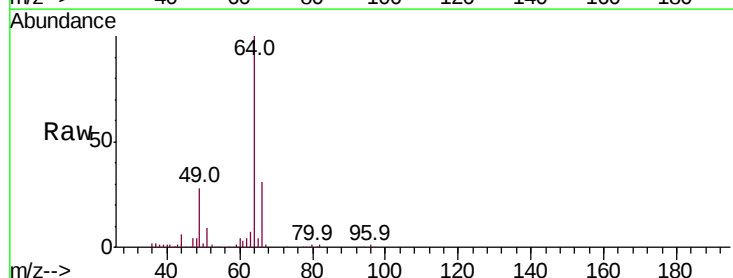
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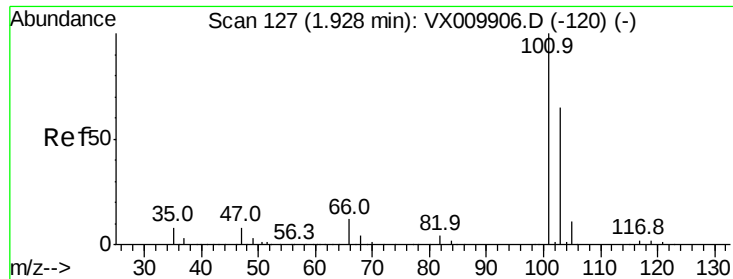
Tgt Ion: 64 Resp: 27473

Ion Ratio Lower Upper

64 100

66 30.7 25.3 37.9





#7

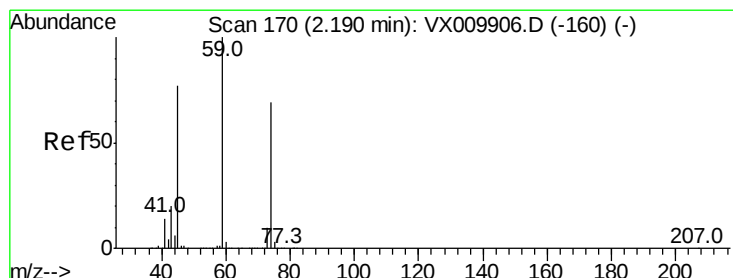
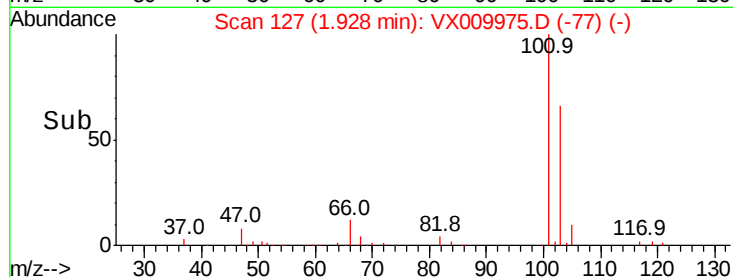
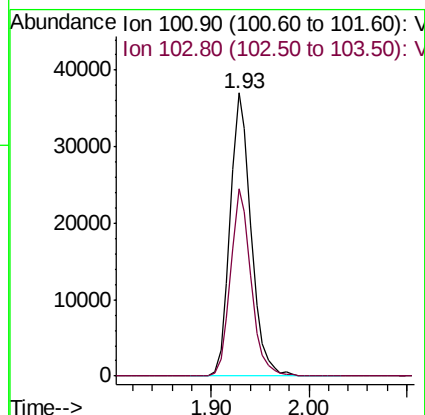
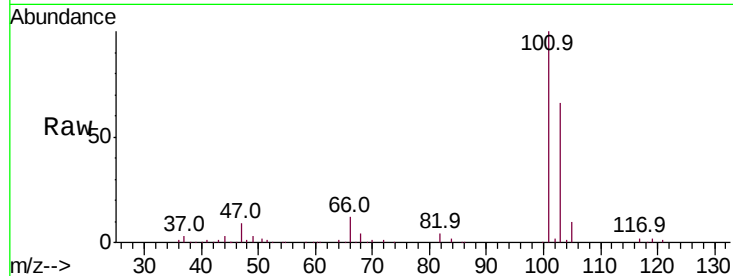
Trichlorofluoromethane
 Concen: 20.045 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Tot Ion:101 Resp: 55080
 Ion Ratio Lower Upper
 101 100
 103 66.3 52.4 78.6

Manual Integrations
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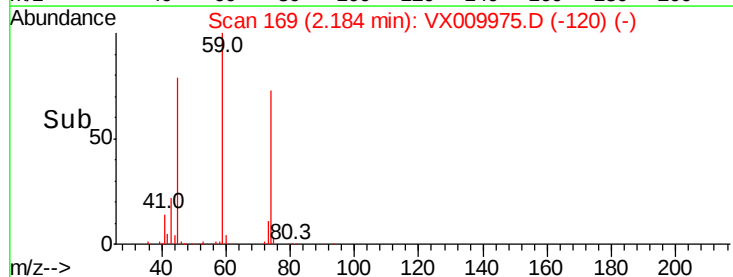
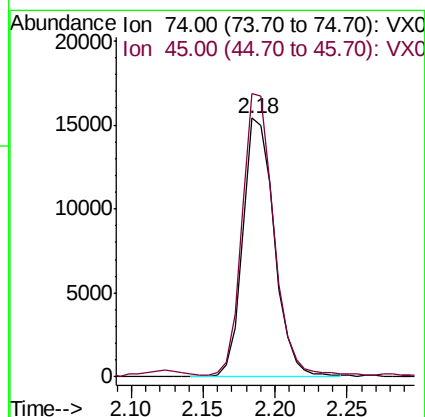
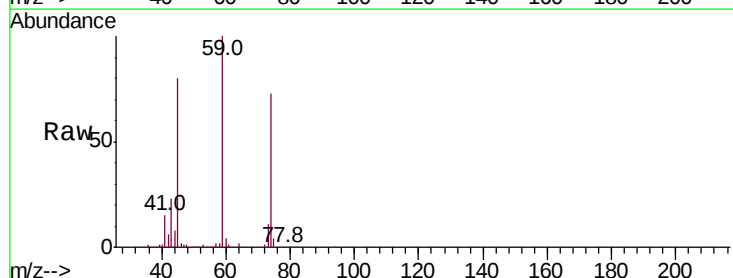
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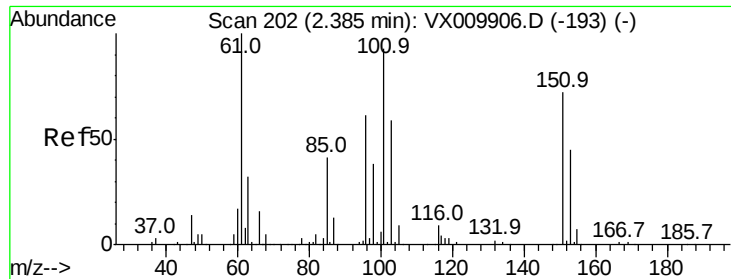


#8

Diethyl Ether
 Concen: 18.049 ug/l
 RT: 2.18 min Scan# 169
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion: 74 Resp: 23307
 Ion Ratio Lower Upper
 74 100
 45 108.8 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.435 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

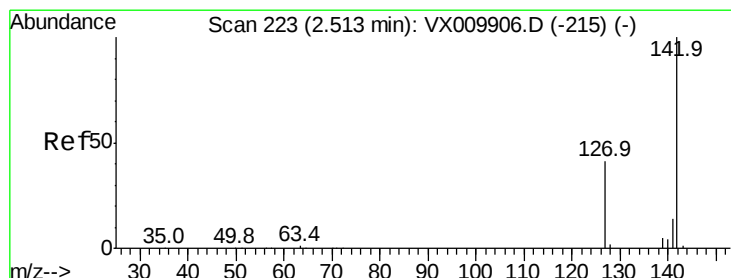
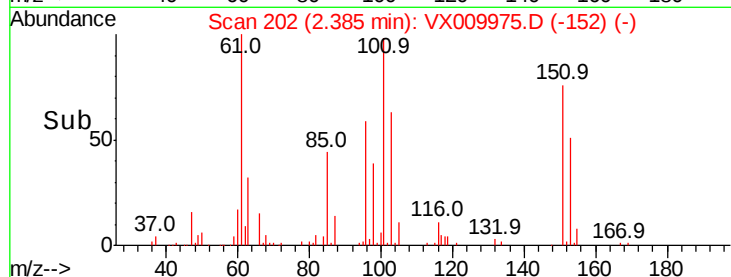
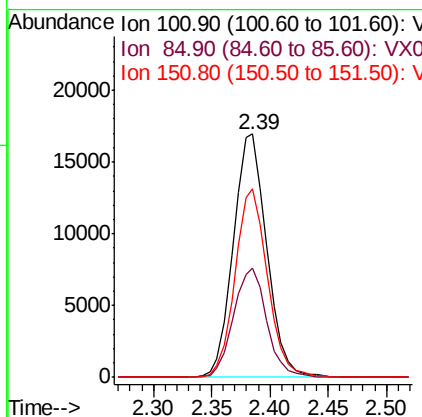
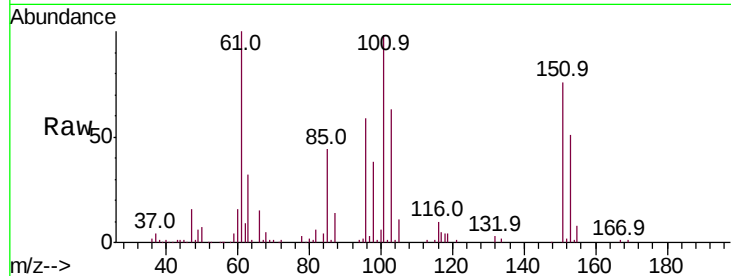
ClientSampleId :

VX0531WBS01

Tot Ion:	101	Resp:	33901
Ion Ratio	Lower	Upper	
101	100		
85	44.6	35.7	53.5
151	75.4	62.2	93.2

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#10

Methyl Iodide

Concen: 17.739 ug/l

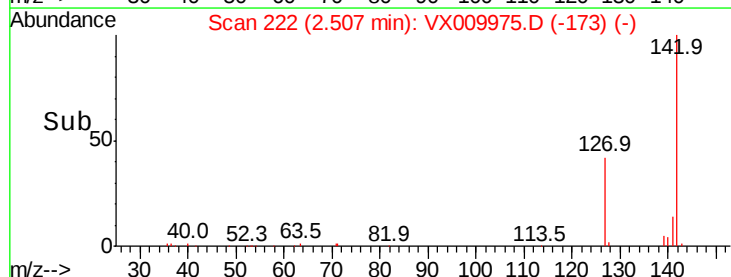
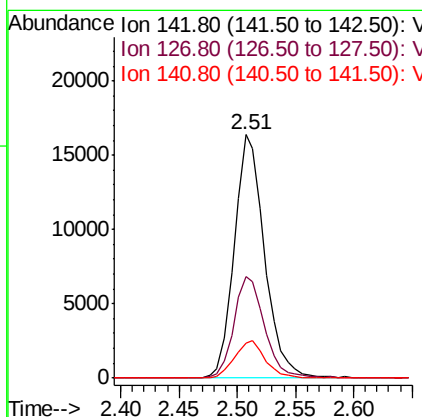
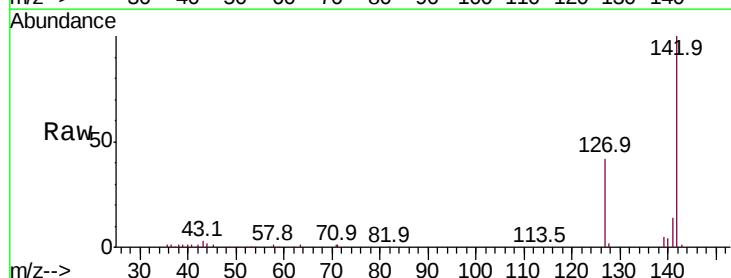
RT: 2.51 min Scan# 222

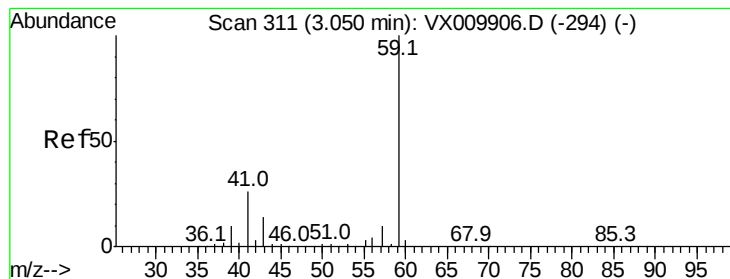
Delta R.T. 0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion:	142	Resp:	29636
Ion Ratio	Lower	Upper	
142	100		
127	42.3	32.7	49.1
141	15.4	11.5	17.3





#11

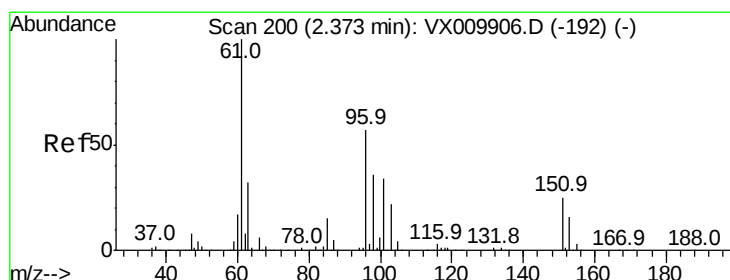
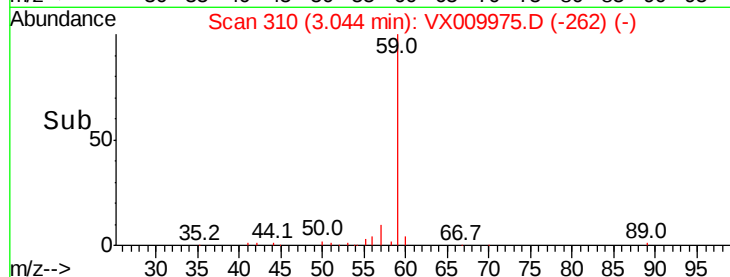
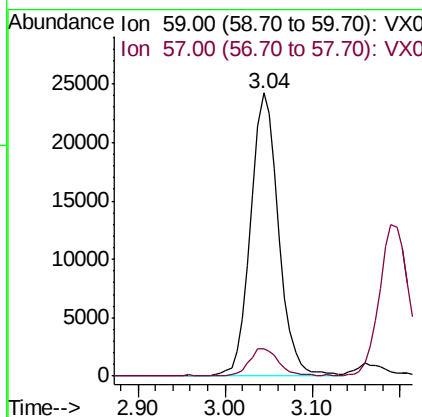
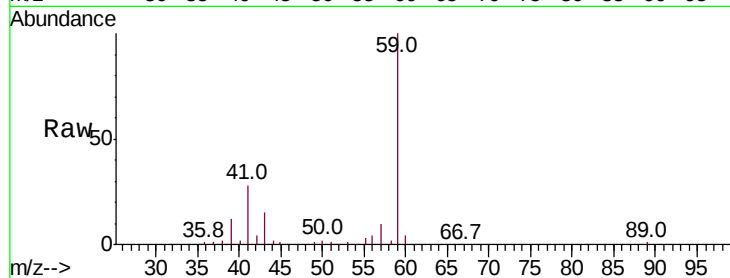
Tert butvl alcohol
 Concen: 92.295 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Tot Ion	59	57	Ratio	100	10.5	Resp	53875	Lower	Upper
59	100								
57		10.5						8.2	12.2

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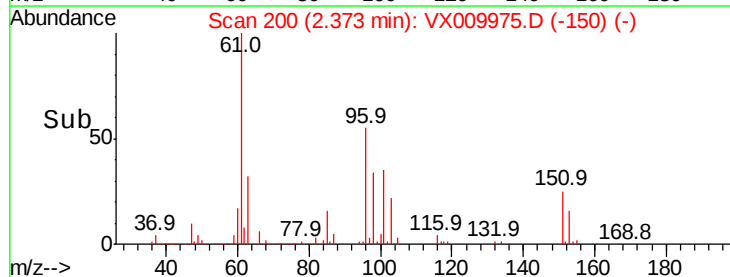
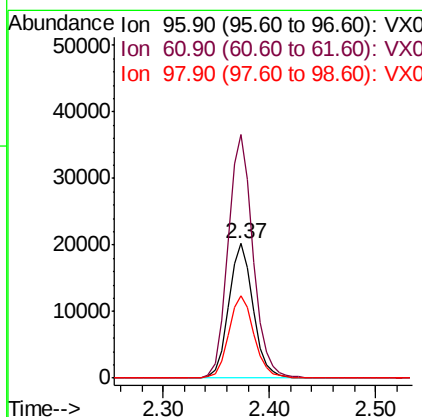
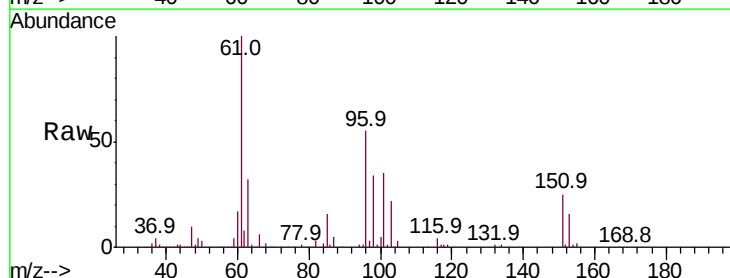
MMDadoda
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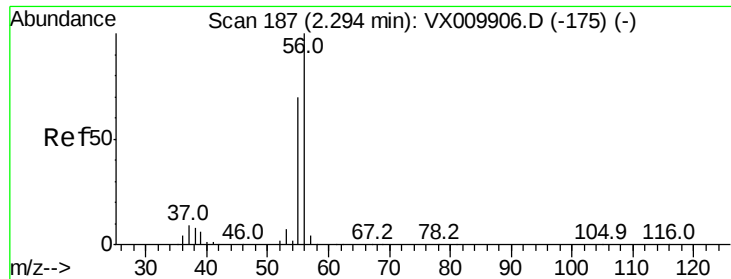


#12

1,1-Dichloroethene
 Concen: 19.196 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion	96	61	98	Ratio	100	181.0	60.9	Resp	32643	Lower	Upper
96	100										
61		181.0								144.3	216.5
98		60.9								50.3	75.5





#13

Acrolein

Concen: 89.772 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion: 56 Resp: 31034

Ion Ratio Lower Upper

56 100

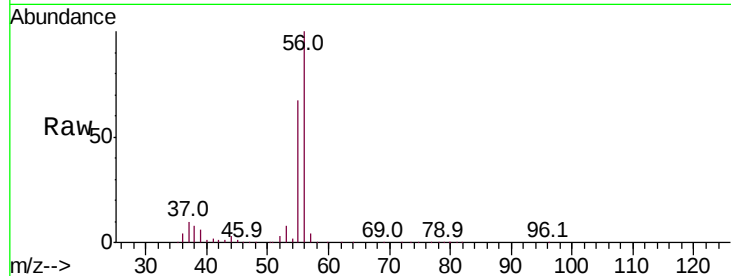
55 68.5 56.6 85.0

Manual Integrations

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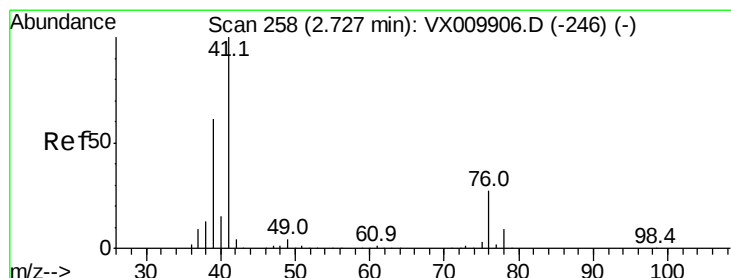
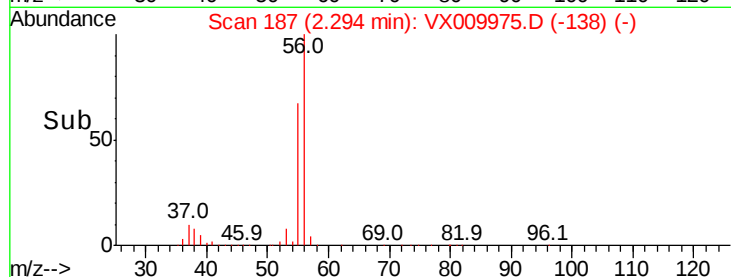
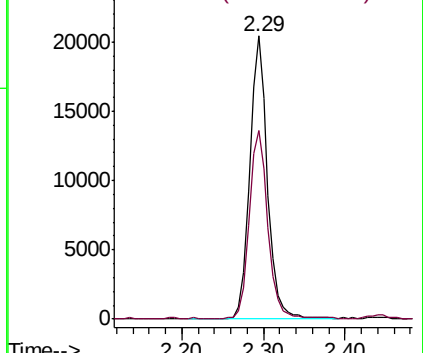
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Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.686 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

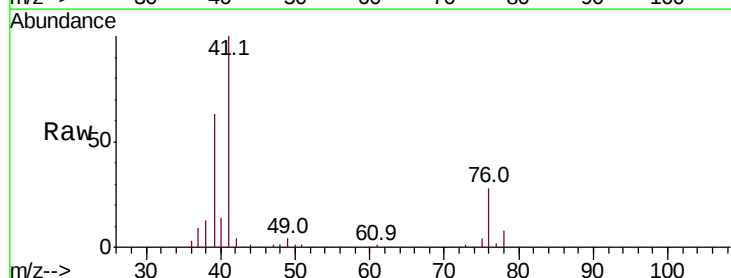
Tgt Ion: 41 Resp: 81363

Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

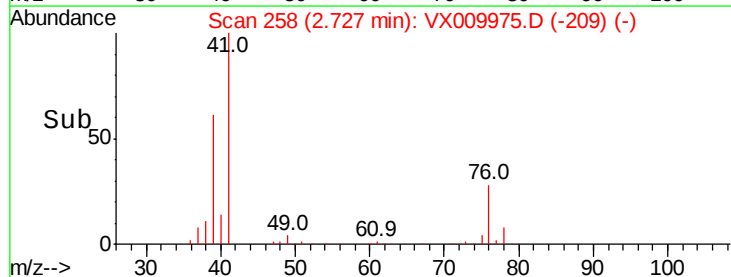
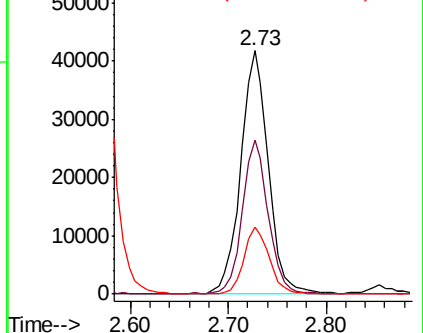
76 25.1 21.8 32.8

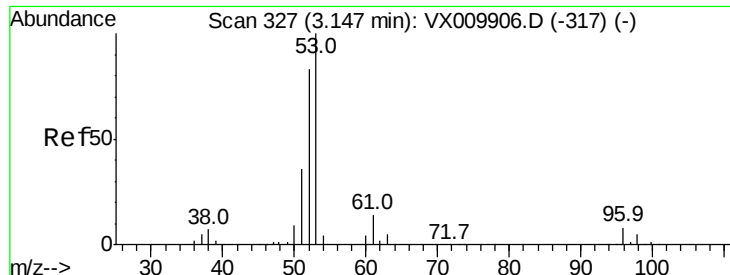


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 94.100 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

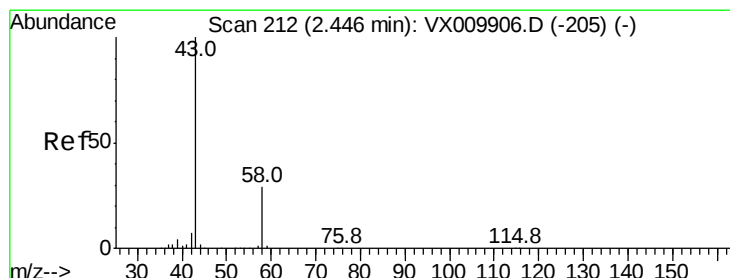
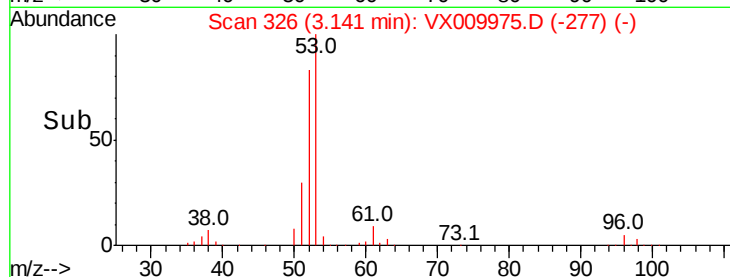
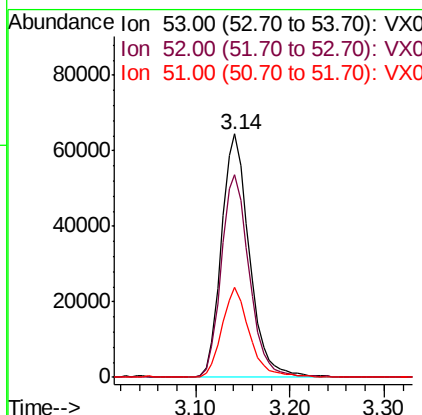
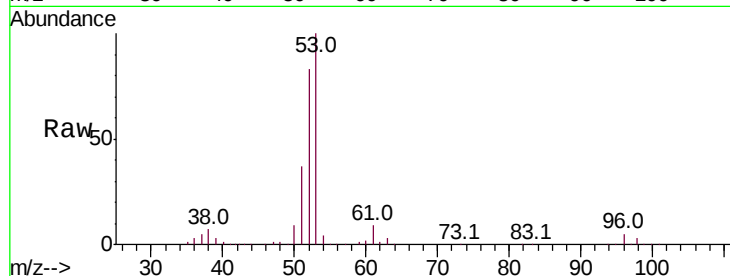
ClientSampleId :

VX0531WBS01

Tot Ion	53	Resp	132349
Ion	Ratio	Lower	Upper
53	100		
52	84.0	66.9	100.3
51	36.1	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 100.913 ug/l

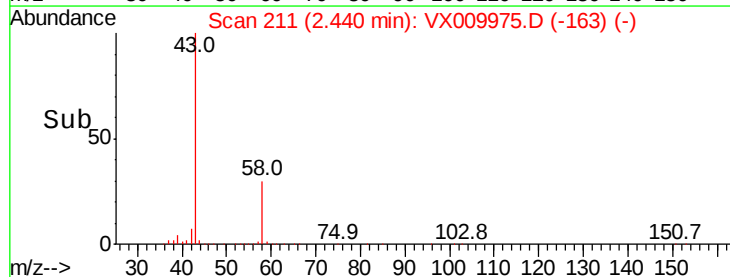
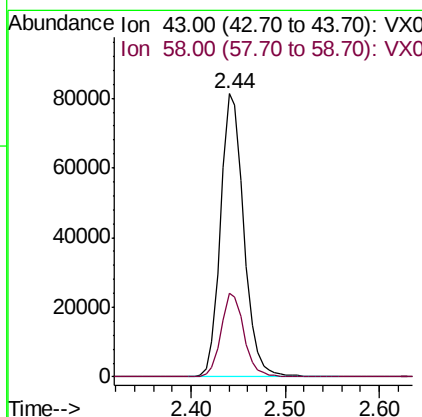
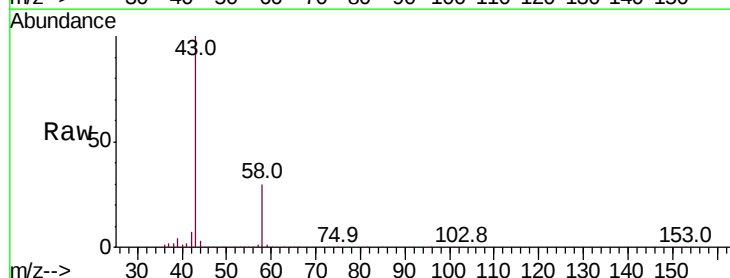
RT: 2.44 min Scan# 211

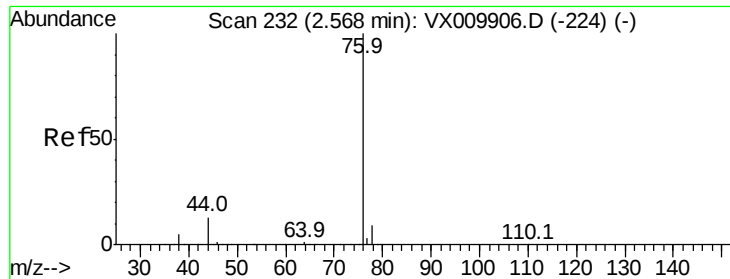
Delta R.T. -0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion	43	Resp	138294
Ion	Ratio	Lower	Upper
43	100		
58	29.5	24.9	37.3





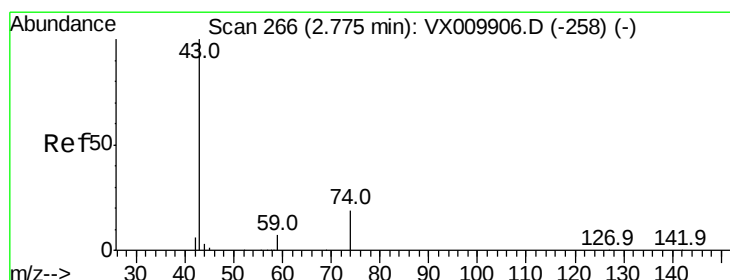
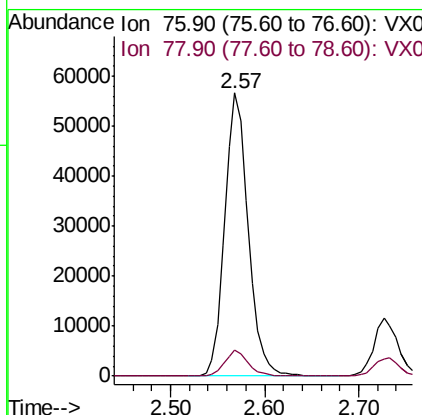
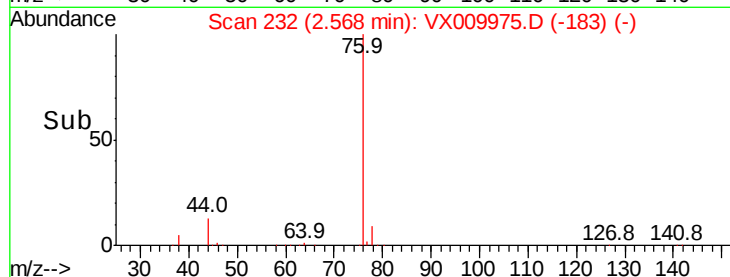
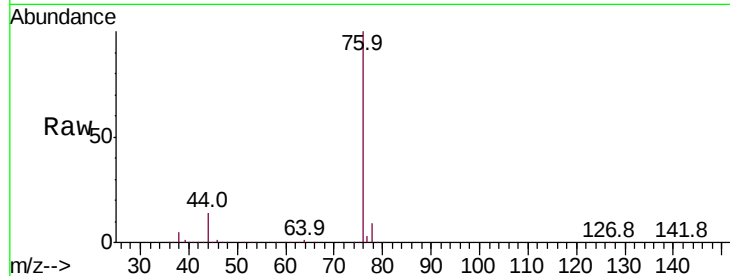
#17
Carbon Disulfide
Concen: 19.246 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.4	7.4	11.0

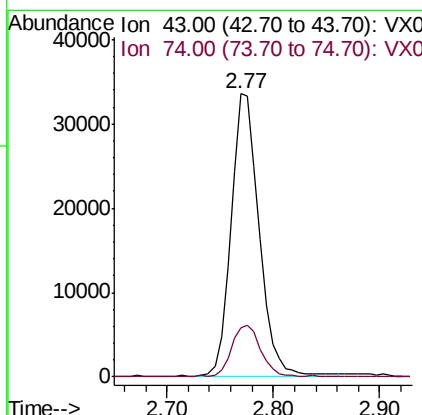
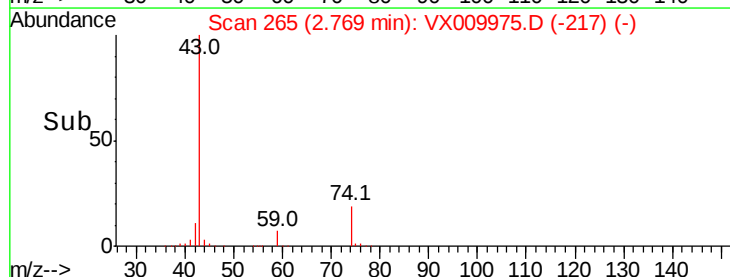
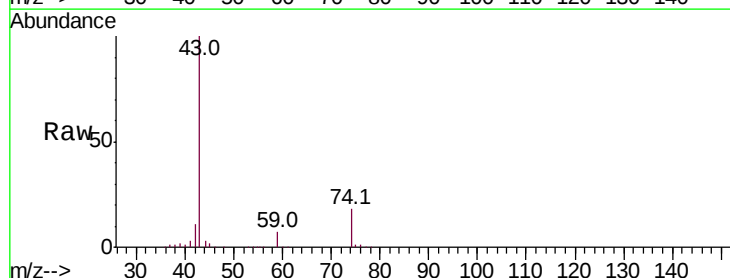
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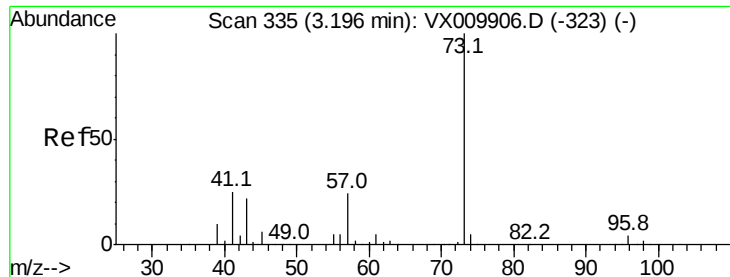
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#18
Methyl Acetate
Concen: 19.373 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
43	100		
74	19.6	16.2	24.4





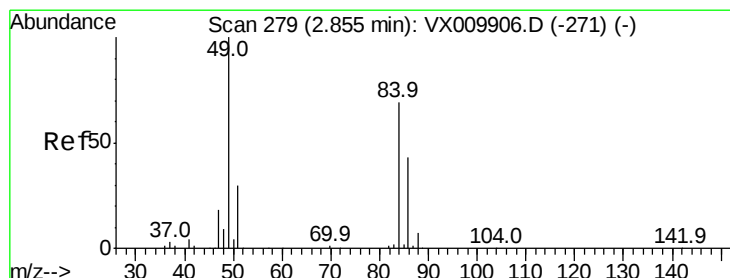
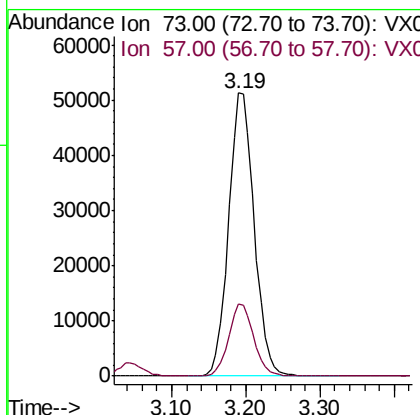
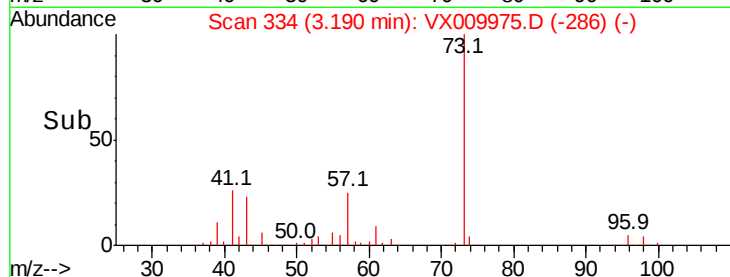
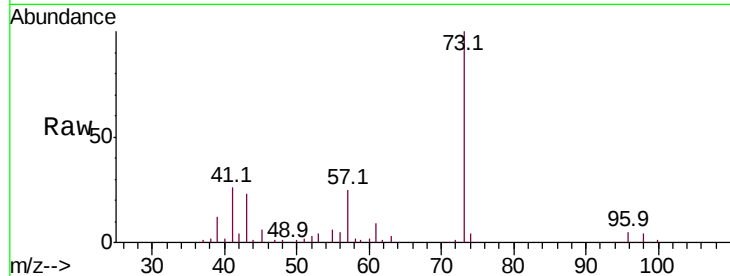
#19
Methvl tert-butvl Ether
Concen: 19.181 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion	Ratio	Lower	Upper
73	100		
57	25.3	19.3	28.9

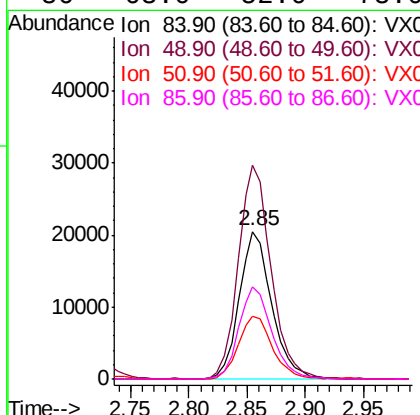
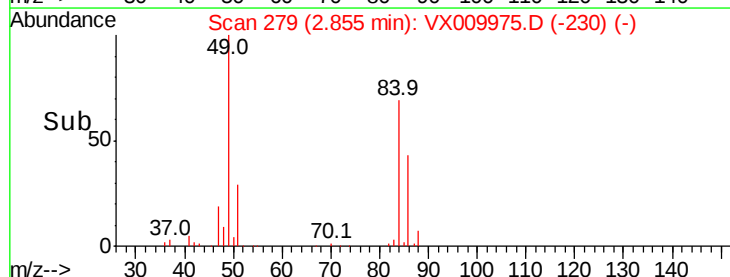
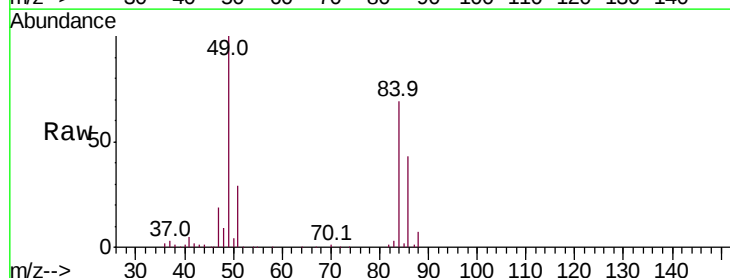
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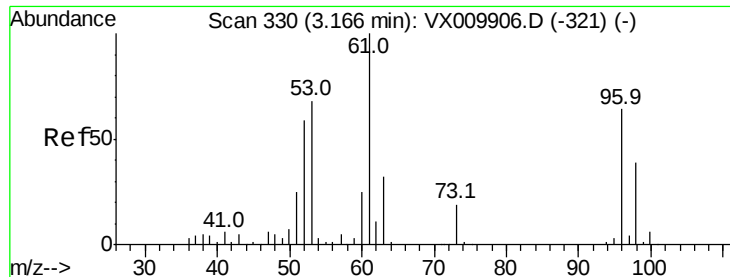
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#20
Methylene Chloride
Concen: 18.971 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
84	100		
49	145.0	109.9	164.9
51	42.3	32.7	49.1
86	63.0	52.0	78.0





#21

trans-1,2-Dichloroethene

Concen: 18.528 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion: 96 Resp: 35056

Ion Ratio Lower Upper

96 100

61 160.5 124.5 186.7

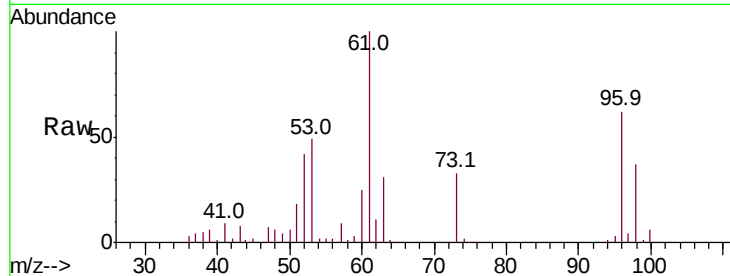
98 59.7 50.4 75.6

Manual Integrations

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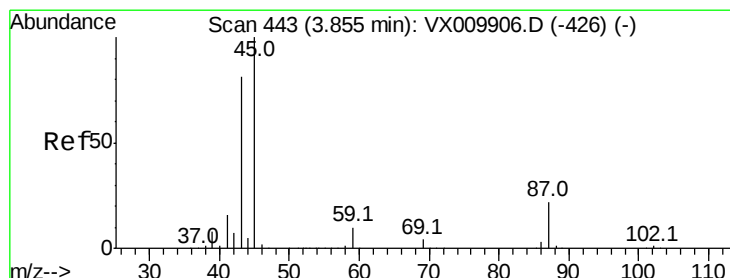
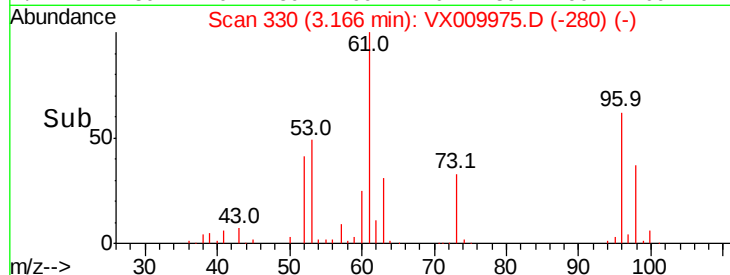
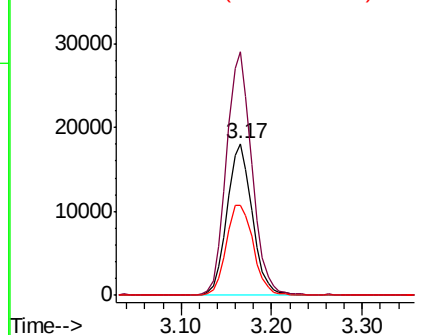


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.895 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion: 45 Resp: 156450

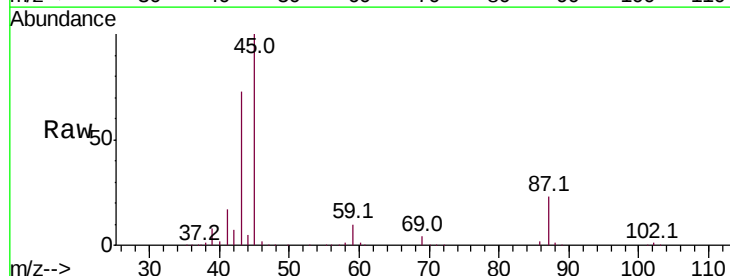
Ion Ratio Lower Upper

45 100

43 72.5 56.1 84.1

87 23.2 18.1 27.1

59 10.4 8.5 12.7



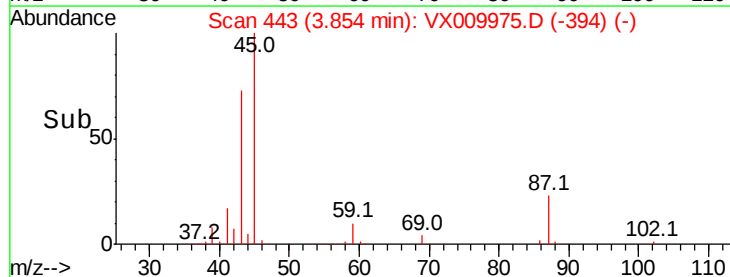
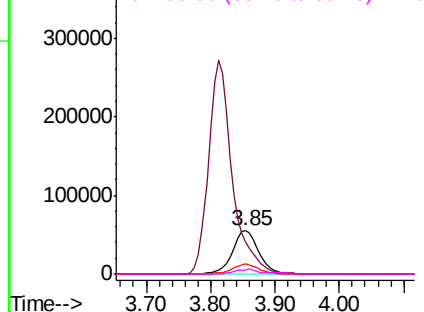
Abundance

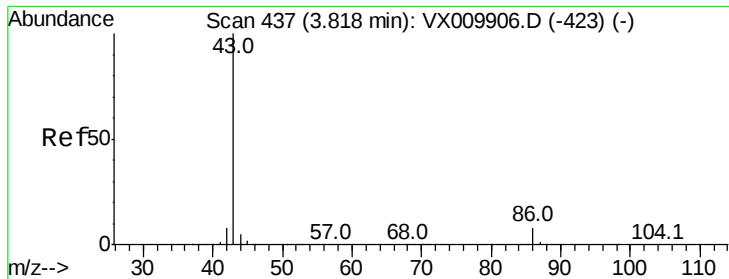
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 98.854 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion: 43 Resp: 698353

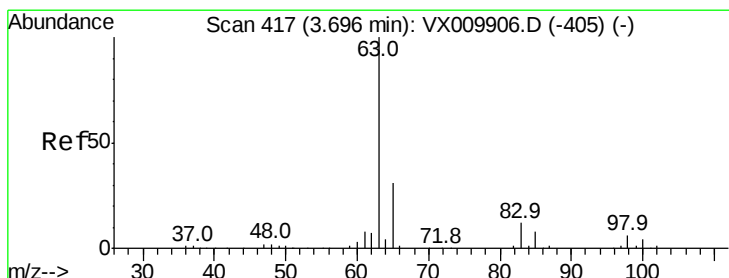
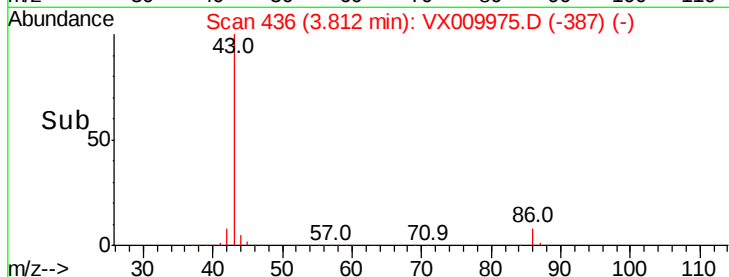
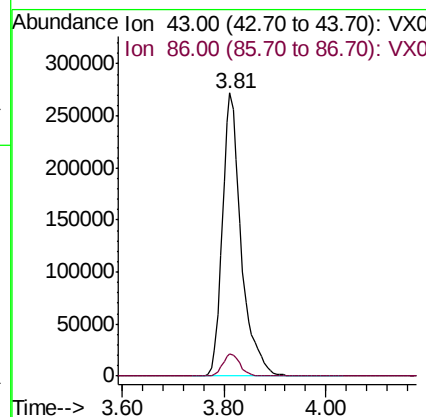
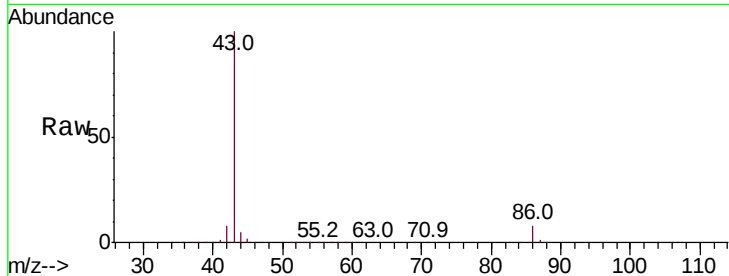
Ion Ratio Lower Upper

43 100

86 7.7 6.9 10.3

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#24

1,1-Dichloroethane

Concen: 19.630 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

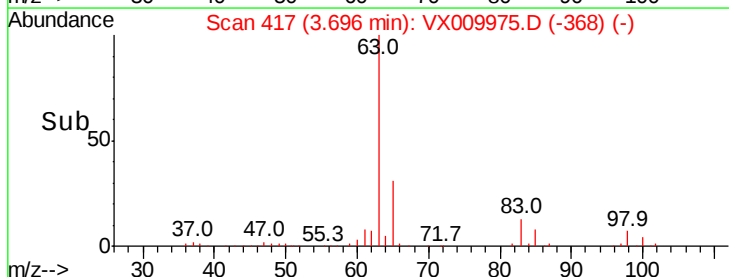
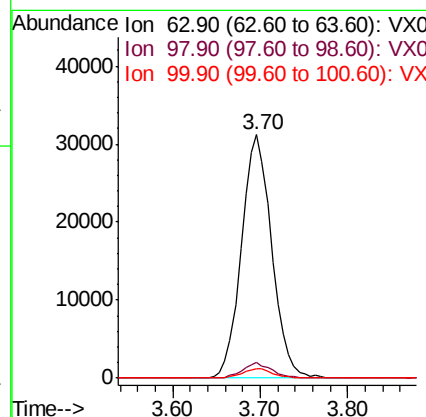
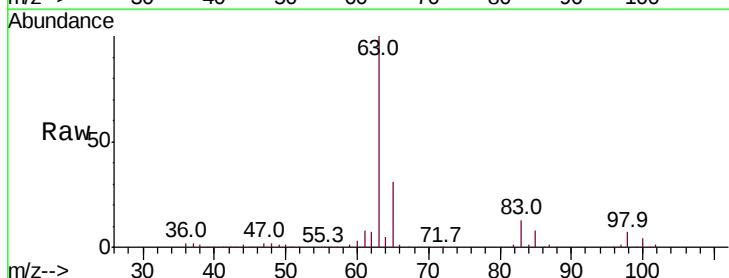
Tgt Ion: 63 Resp: 74810

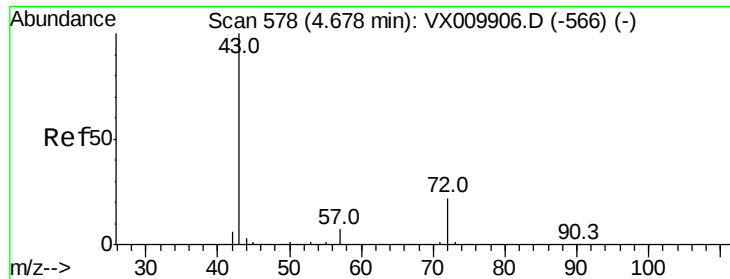
Ion Ratio Lower Upper

63 100

98 6.5 3.0 9.2

100 3.8 2.0 6.0





#25

2-Butanone

Concen: 97.805 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tot Ion: 43 Resp: 208825

Ion Ratio Lower Upper

43 100

72 20.4 18.2 27.2

Instrument :

MSVOA_X

ClientSampleId :

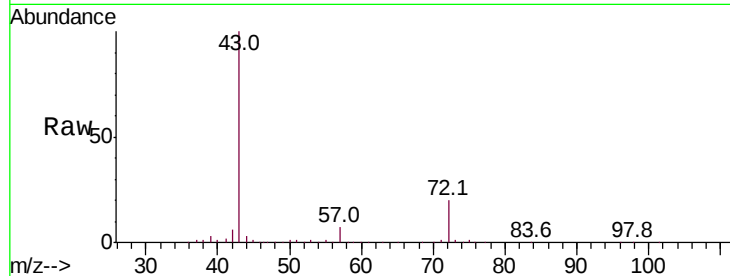
VX0531WBS01

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

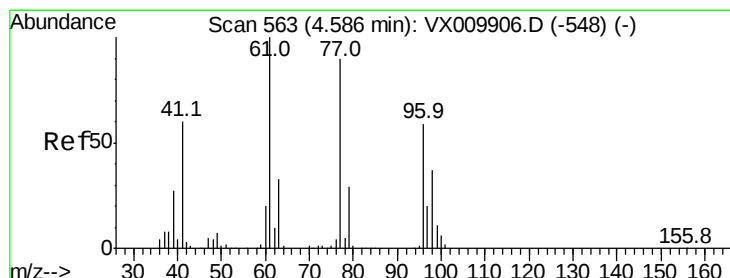
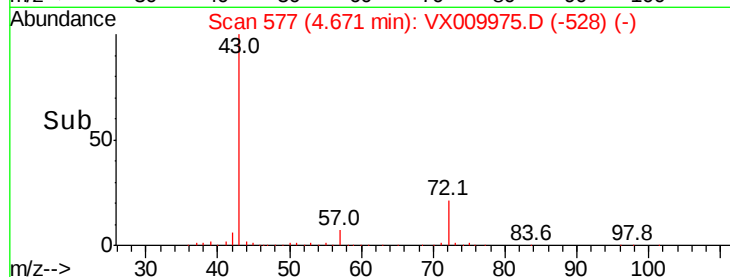
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.295 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX009975.D

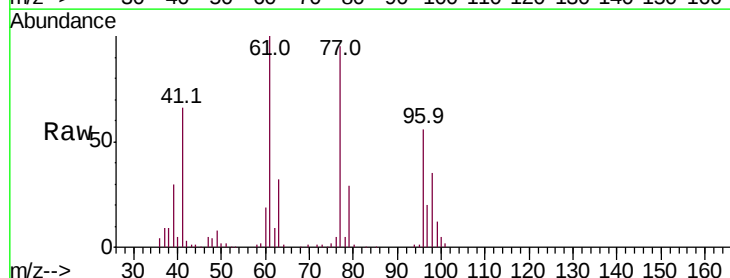
Acq: 31 May 2019 10:51

Tgt Ion: 77 Resp: 55626

Ion Ratio Lower Upper

77 100

97 23.2 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

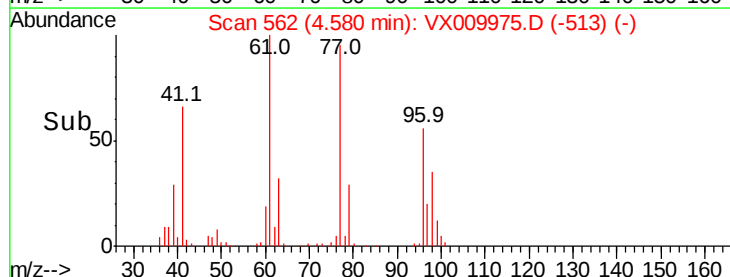
10000

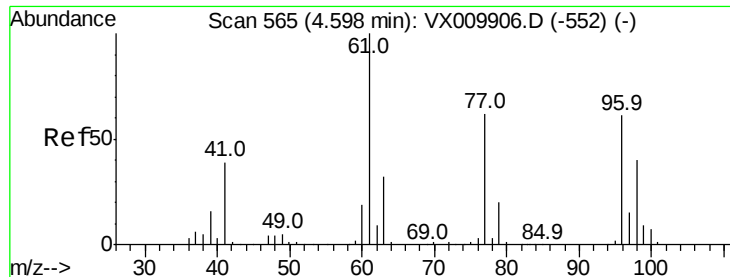
5000

0

4.50 4.60 4.70

Time-->





#27

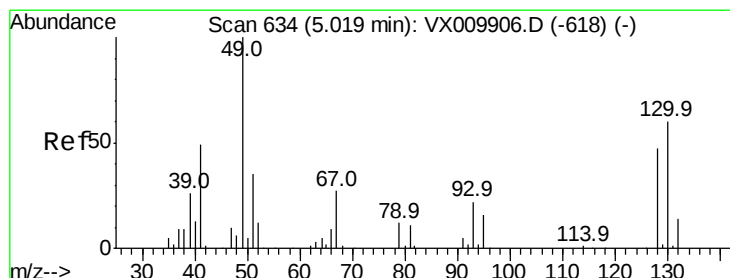
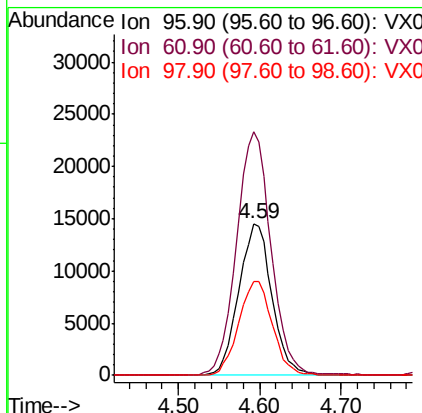
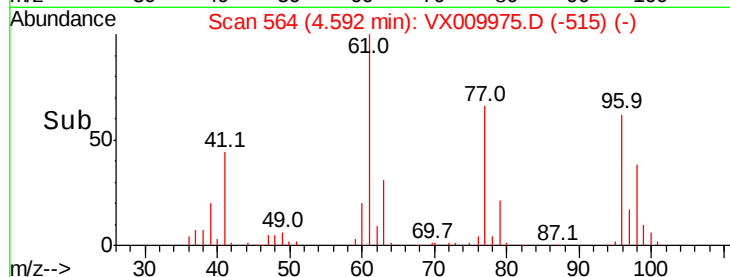
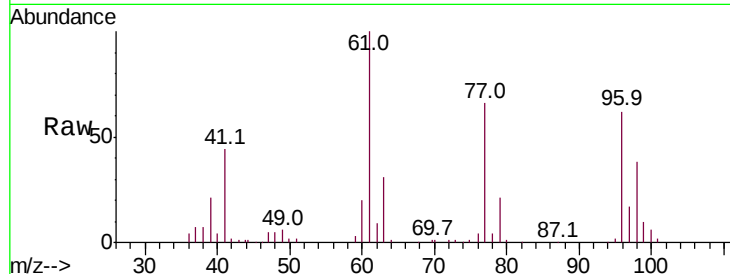
cis-1,2-Dichloroethene
 Concen: 18.711 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.4	0.0	324.0
98	63.2	0.0	130.4

Manual Integrations
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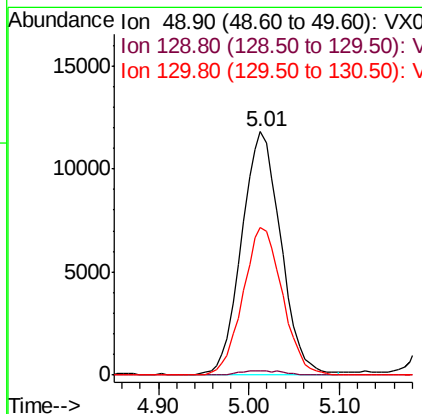
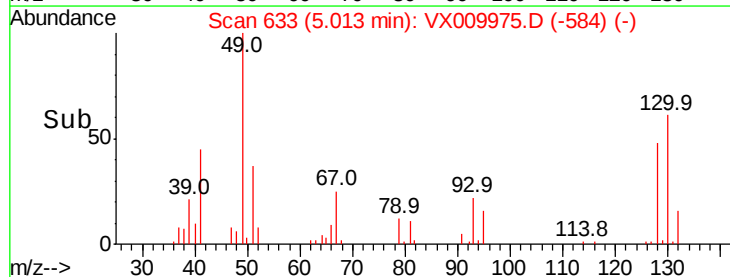
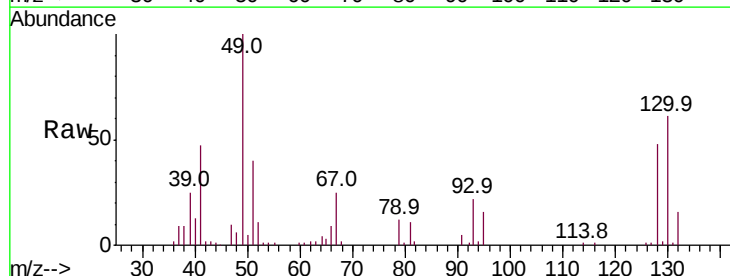
MMDadoda
 6/3/2019 9:47:19 AM

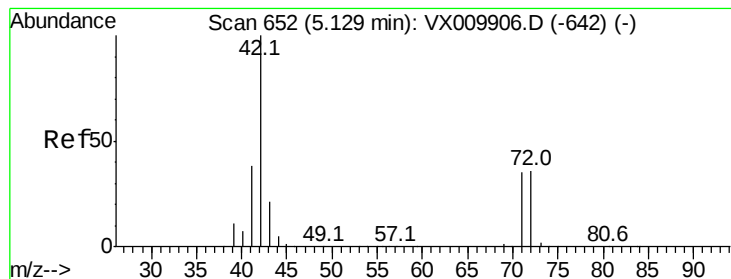


#28

Bromochloromethane
 Concen: 17.917 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	3.8
130	60.6	51.2	76.8





#29

Tetrahydrofuran

Concen: 96.658 ug/l

RT: 5.13 min Scan# 652

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

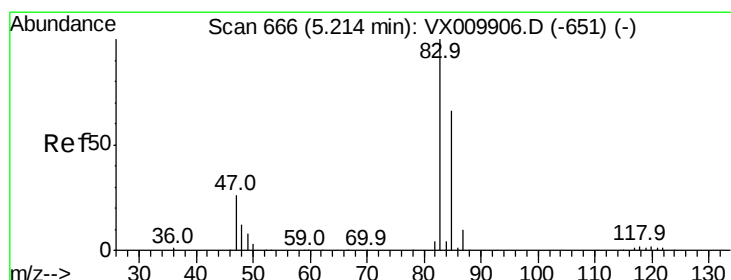
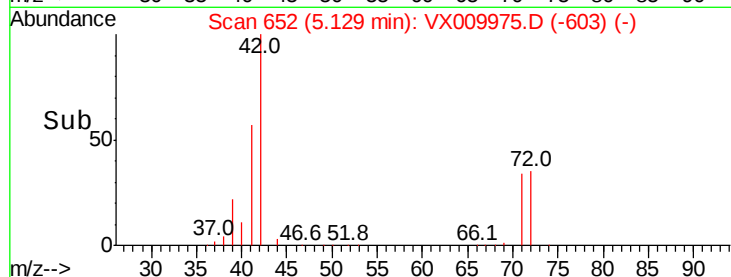
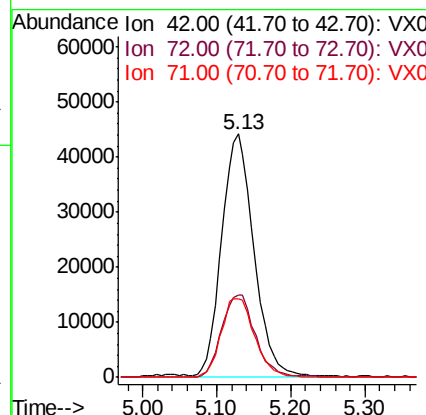
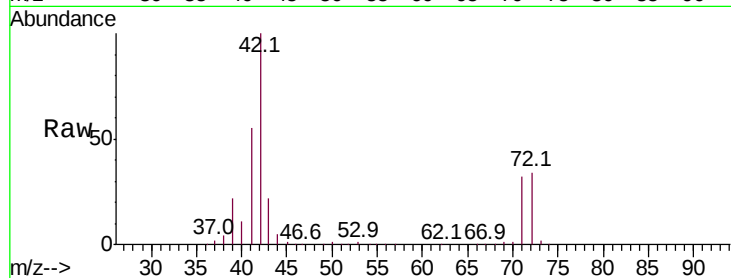
ClientSampleId :

VX0531WBS01

Tot Ion:	42	Resp:	132340
Ion	Ratio	Lower	Upper
42	100		
72	35.9	30.4	45.6
71	34.0	28.6	43.0

Manual Integrations
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#30

Chloroform

Concen: 19.521 ug/l

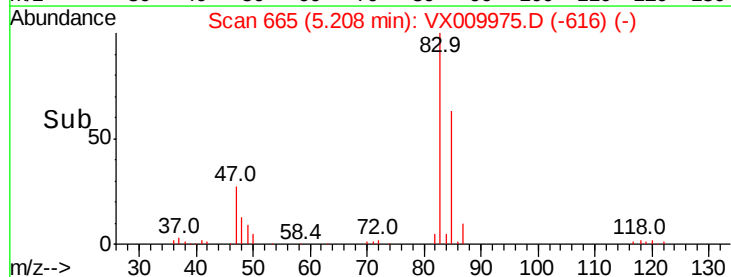
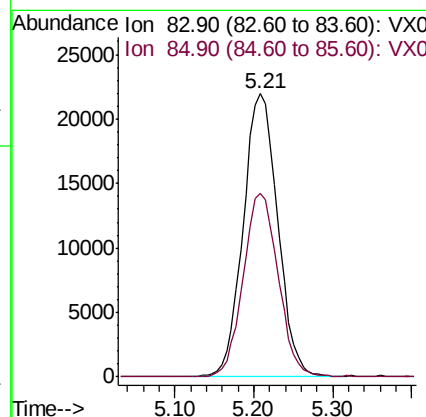
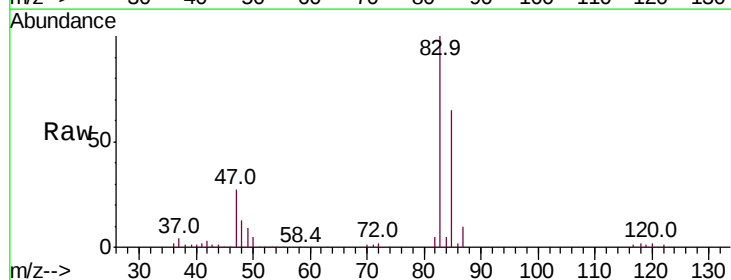
RT: 5.21 min Scan# 665

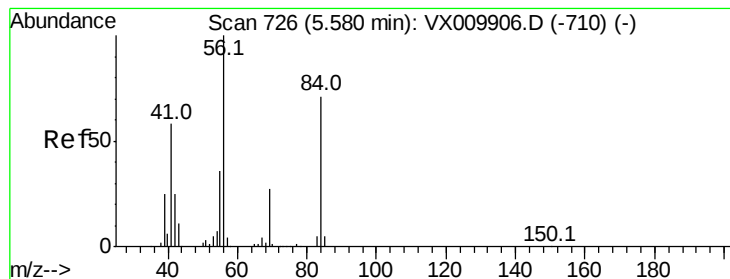
Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion:	83	Resp:	67095
Ion	Ratio	Lower	Upper
83	100		
85	64.9	51.5	77.3





#31

Cyclohexane

Concen: 20.292 ug/l

RT: 5.58 min Scan# 726

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion: 56 Resp: 73245

Ion Ratio Lower Upper

56 100

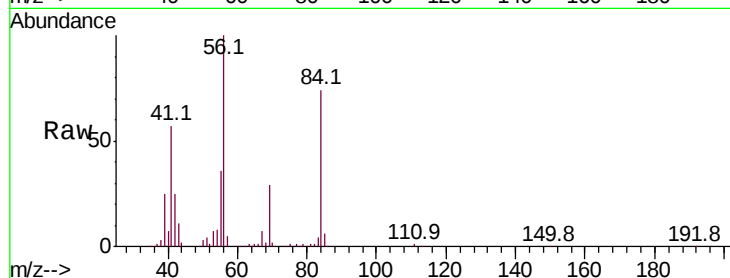
69 28.6 23.4 35.0

84 73.0 61.9 92.9

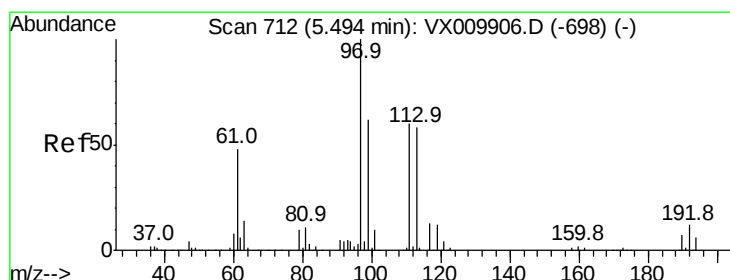
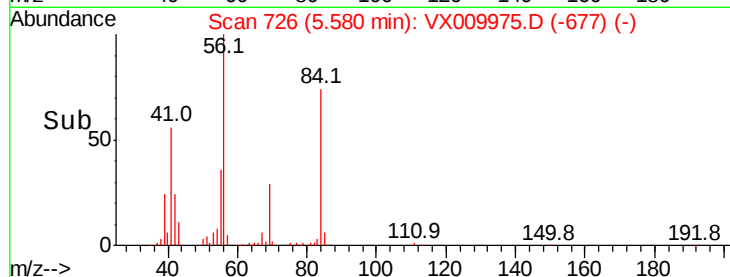
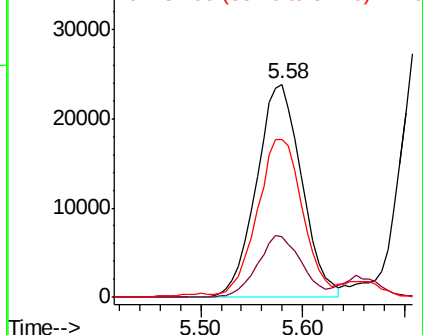
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Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.887 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

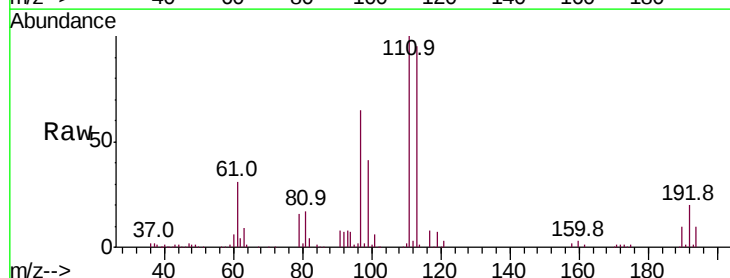
Tgt Ion: 97 Resp: 55665

Ion Ratio Lower Upper

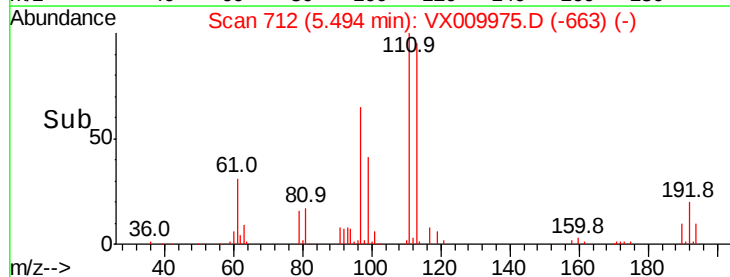
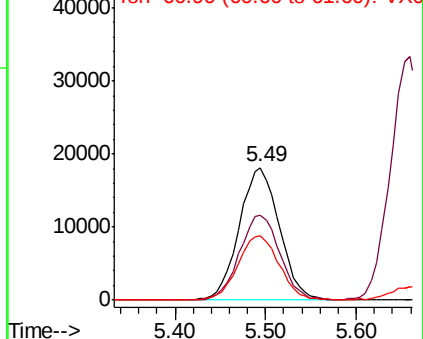
97 100

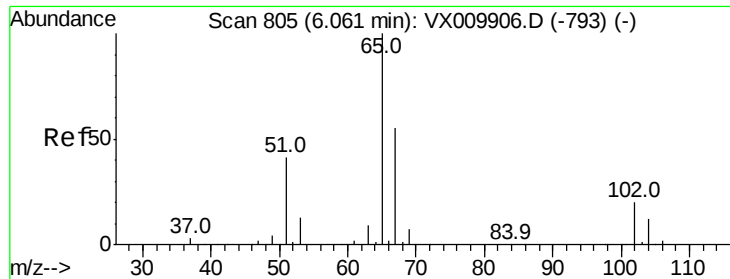
99 64.5 51.8 77.8

61 50.2 37.8 56.8



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





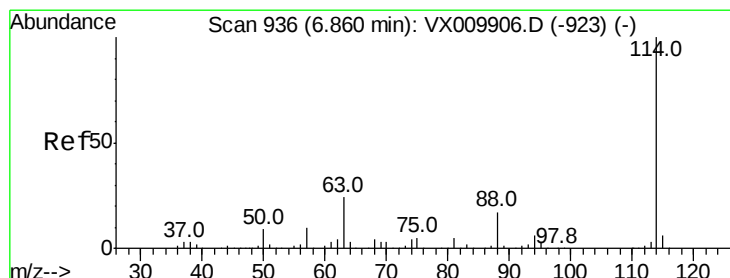
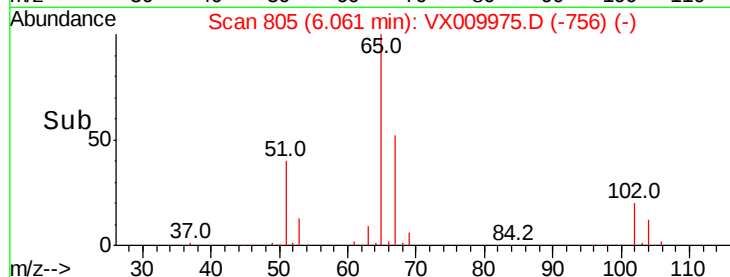
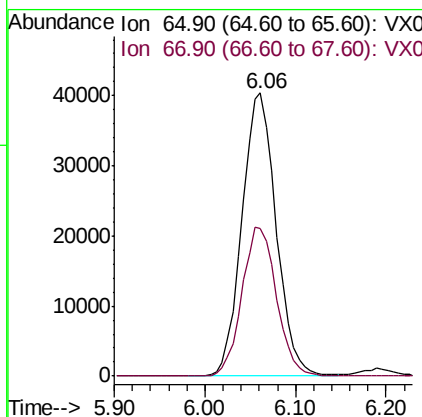
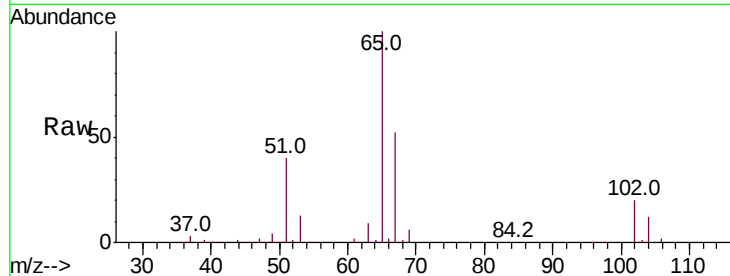
#33
 1,2-Dichloroethane-d4
 Concen: 44.508 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	105569		
67	53.4	0.0	106.6	

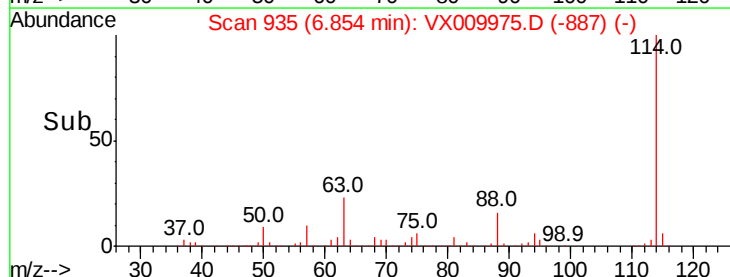
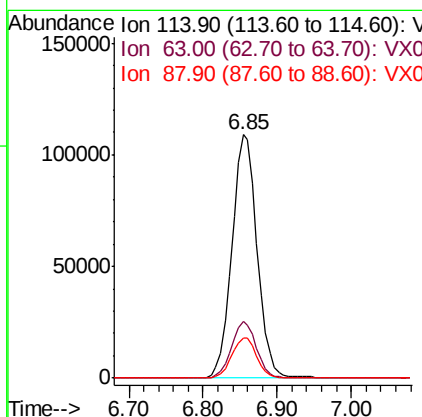
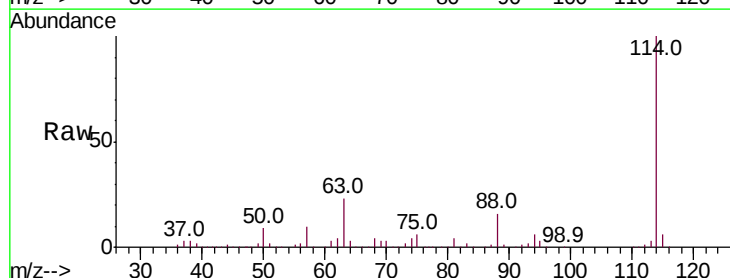
Manual Integrations
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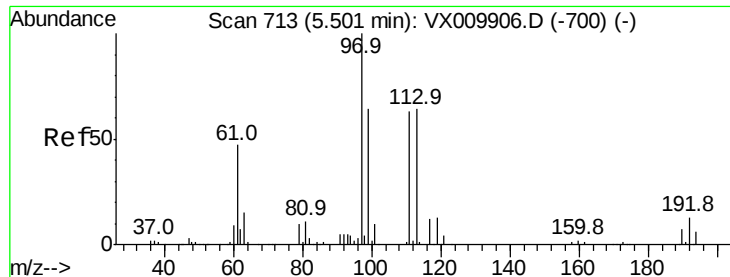
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	257834		
63	23.2	0.0	45.6	
88	16.4	0.0	33.2	





#35

Dibromofluoromethane

Concen: 47.365 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

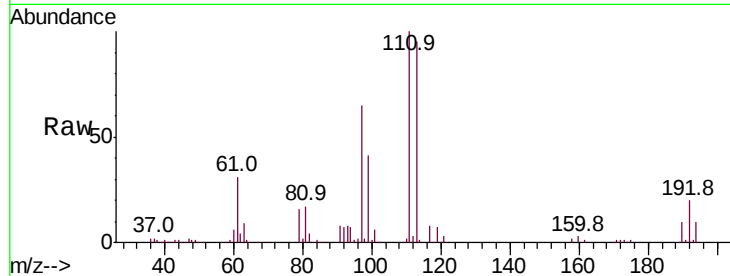
ClientSampleId :

VX0531WBS01

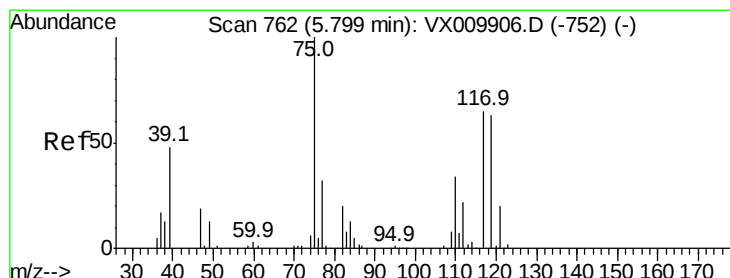
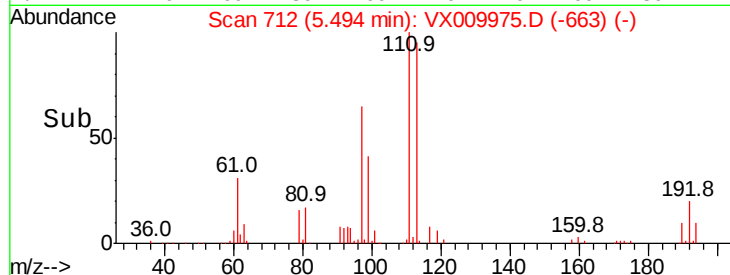
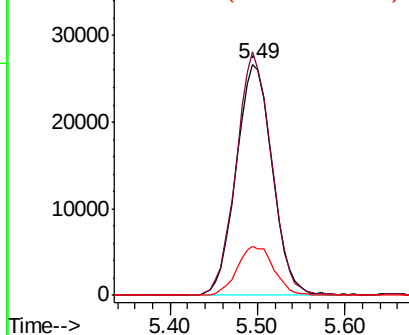
Tot Ion:	113	Resp:	76779
Ion	Ratio	Lower	Upper
113	100		
111	103.1	82.8	124.2
192	21.6	17.0	25.6

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Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.491 ug/l

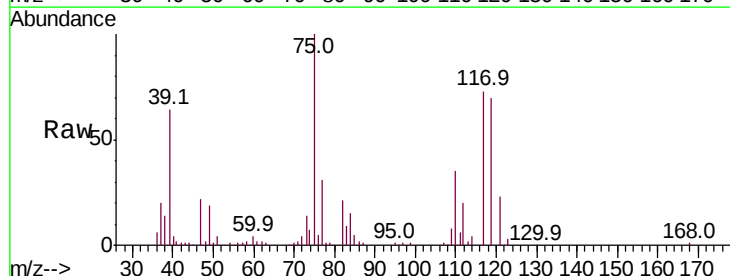
RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

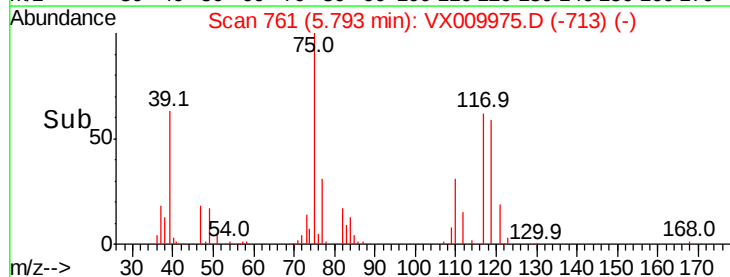
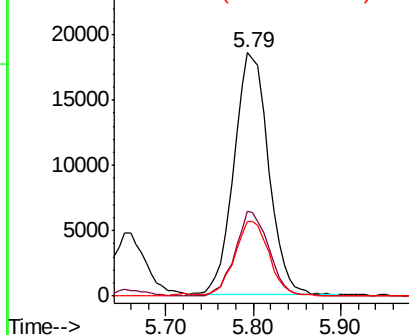
Lab File: VX009975.D

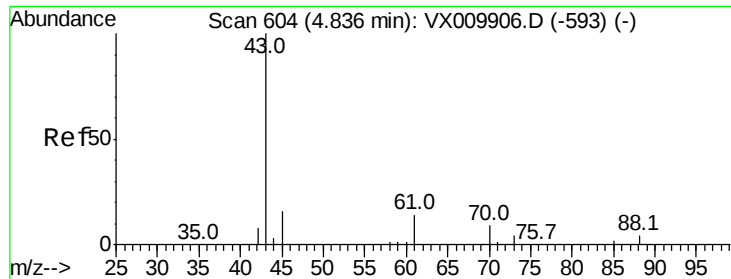
Acq: 31 May 2019 10:51

Tgt Ion:	75	Resp:	50989
Ion	Ratio	Lower	Upper
75	100		
110	34.3	16.9	50.6
77	31.4	24.8	37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0





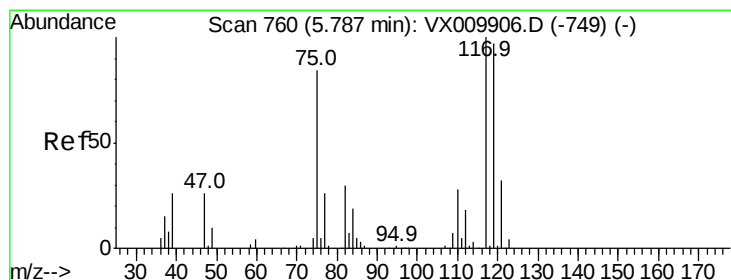
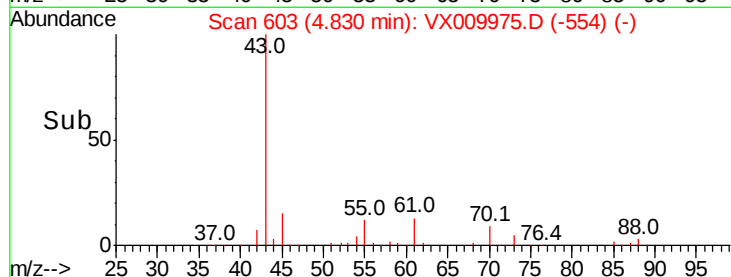
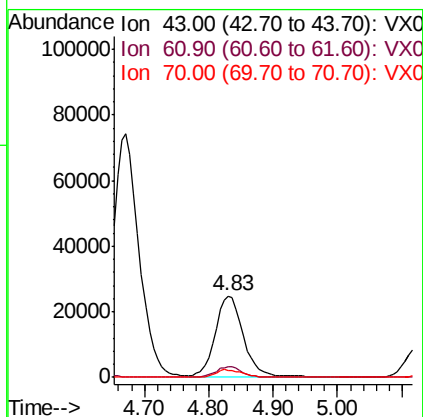
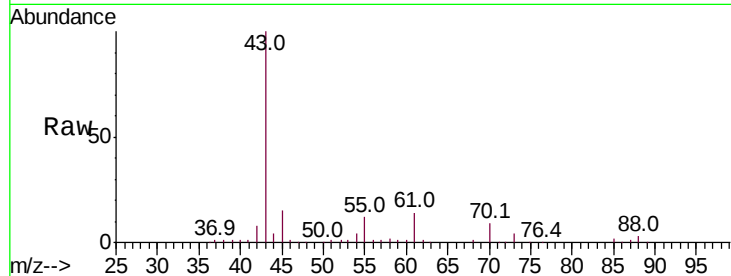
#37
Ethyl Acetate
Concen: 20.778 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleID :
VX0531WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.8	10.5	15.7
70	9.4	7.9	11.9

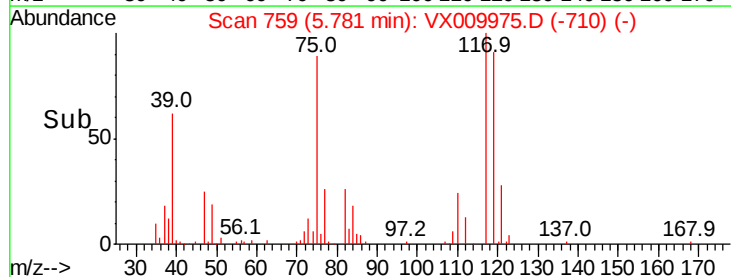
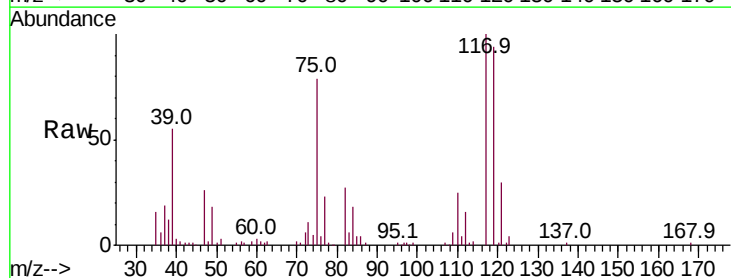
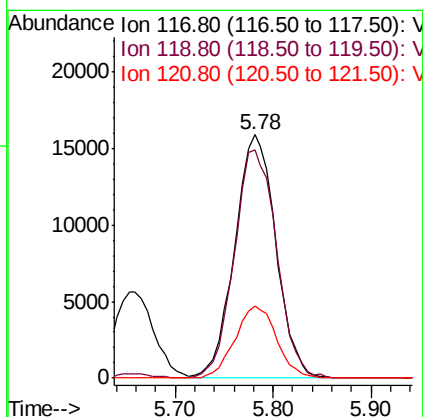
Manual Integrations
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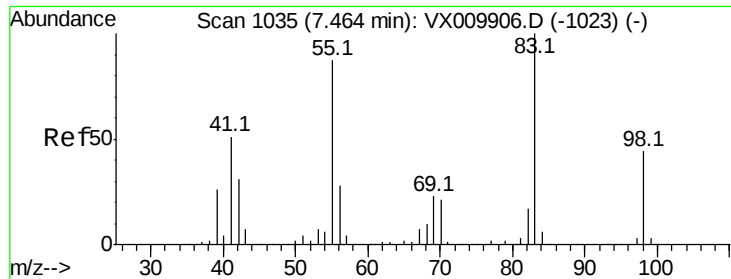
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#38
Carbon Tetrachloride
Concen: 20.594 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.5	77.5	116.3
121	29.6	24.7	37.1





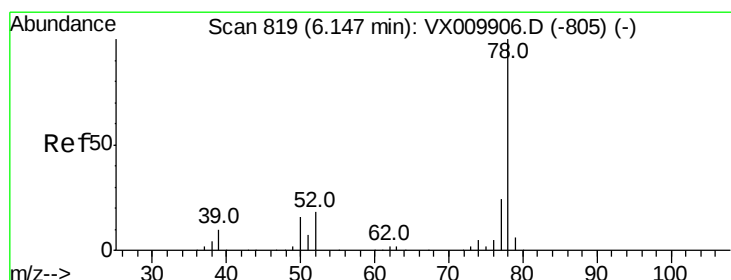
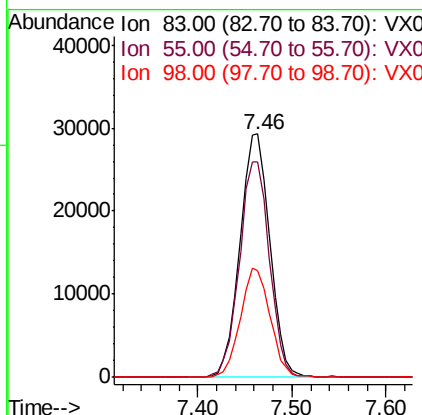
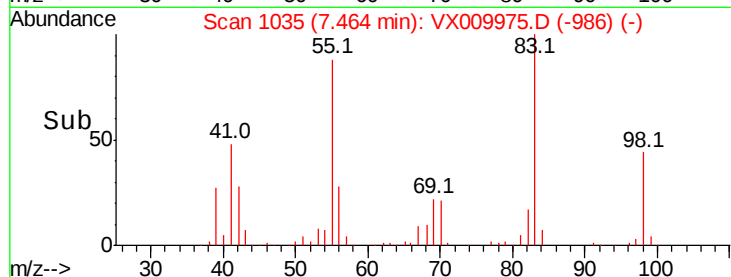
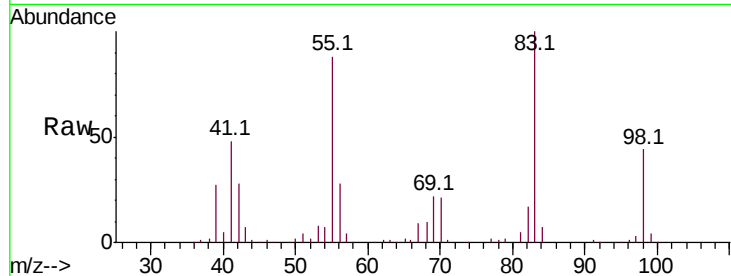
#39
Methvlcvclohexane
Concen: 20.834 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	88.3	67.7	101.5
98	44.1	35.5	53.3

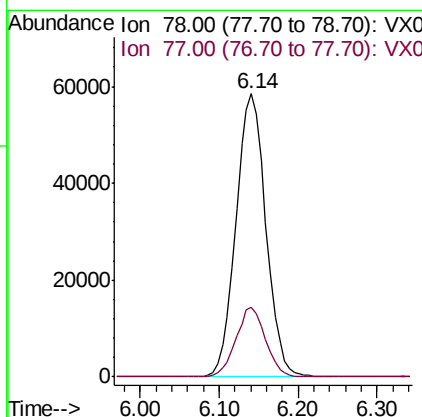
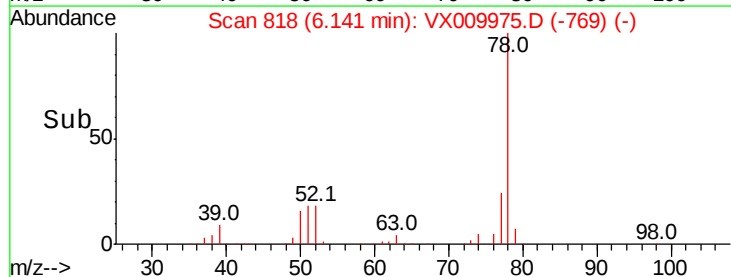
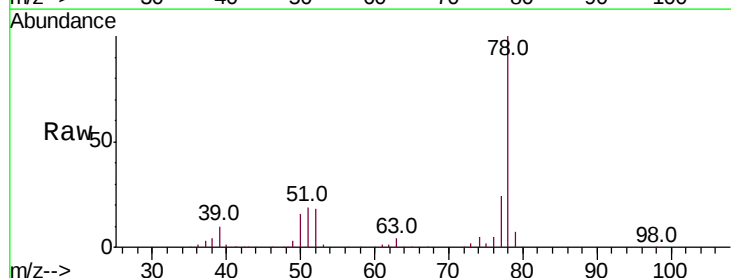
Manual Integrations
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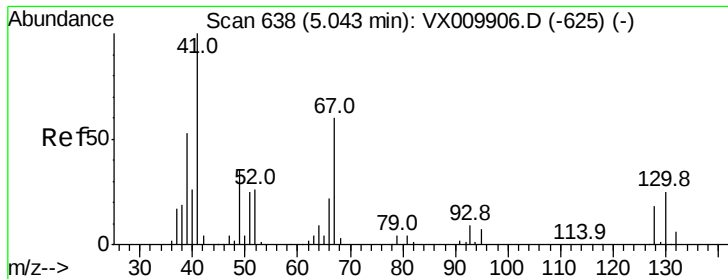
MMDadoda
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#40
Benzene
Concen: 19.922 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.8	28.2





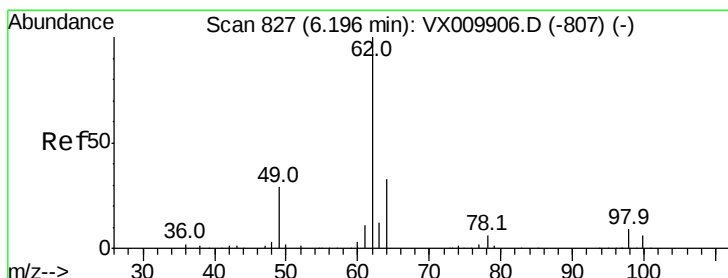
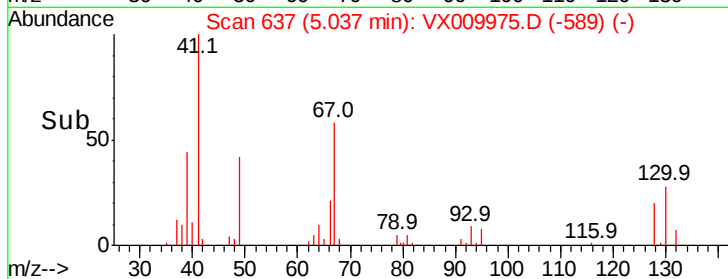
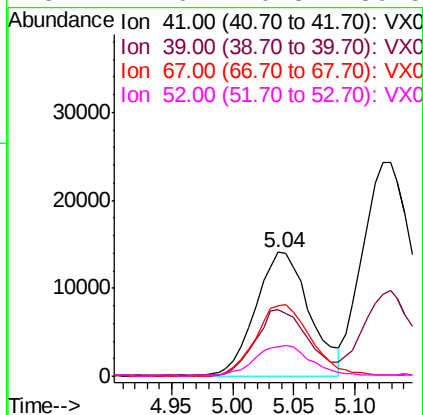
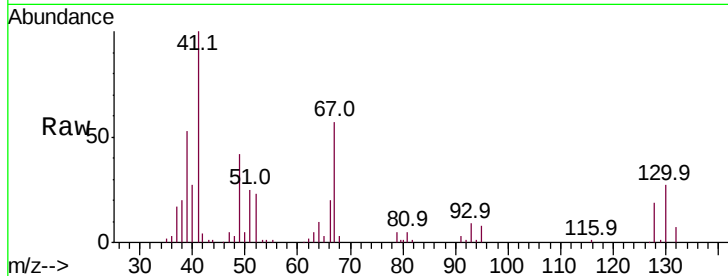
#41
Methacrylonitrile
Concen: 20.206 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	53.2	42.0	63.0	
67	59.7	49.8	74.8	
52	24.6	20.3	30.5	

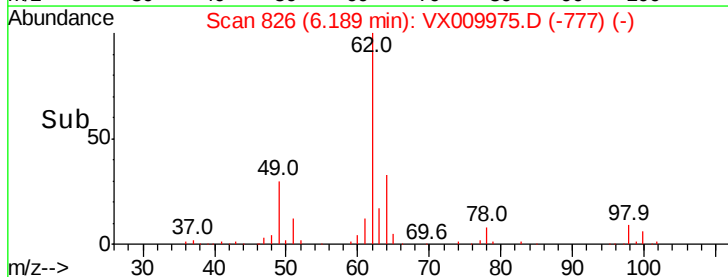
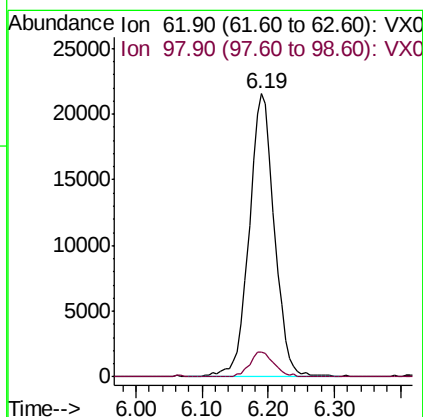
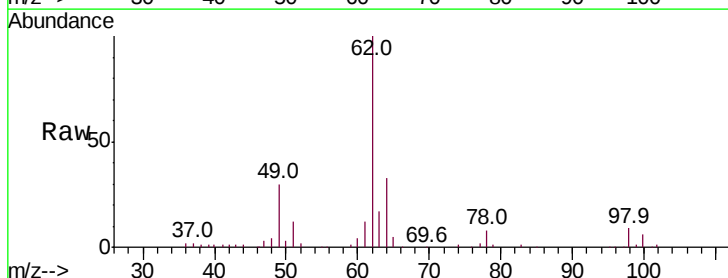
Manual Integrations
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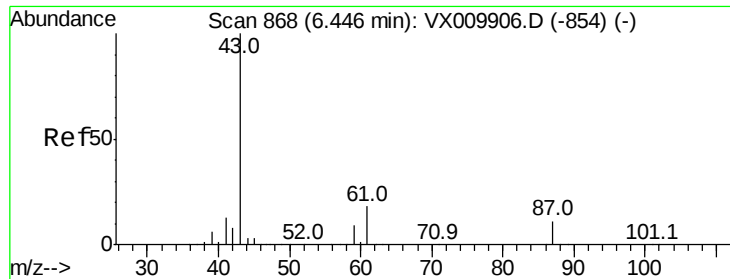
MMDadoda
6/3/2019 9:47:19 AM



#42
1,2-Dichloroethane
Concen: 20.007 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	8.7	0.0	18.2	





#43

Isopropyl Acetate

Concen: 18.874 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

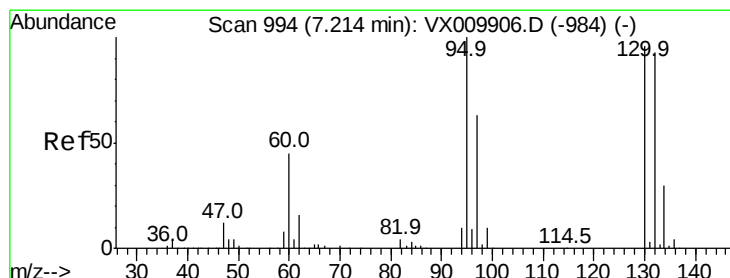
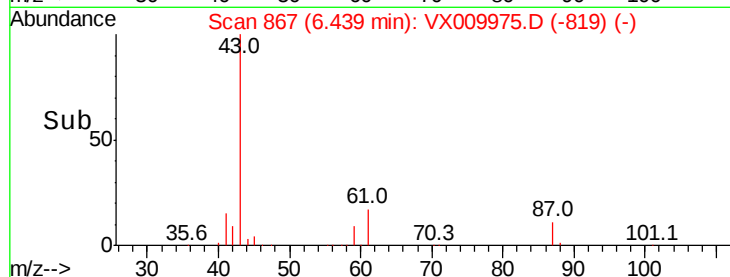
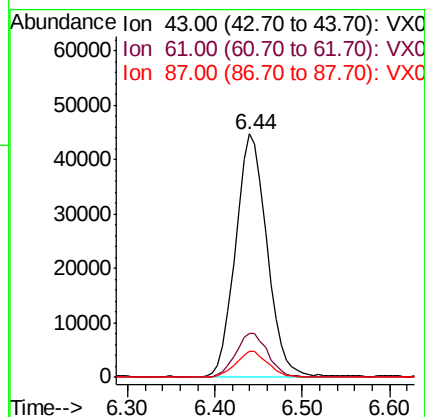
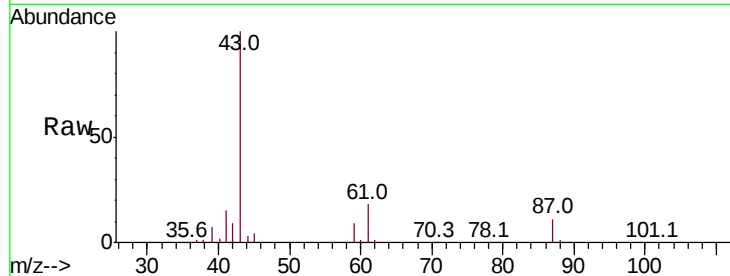
ClientSampleId :

VX0531WBS01

Tot Ion:	43	Resp:	111007
Ion	Ratio	Lower	Upper
43	100		
61	18.9	15.1	22.7
87	11.1	9.0	13.6

Manual Integrations
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#44

Trichloroethene

Concen: 19.676 ug/l

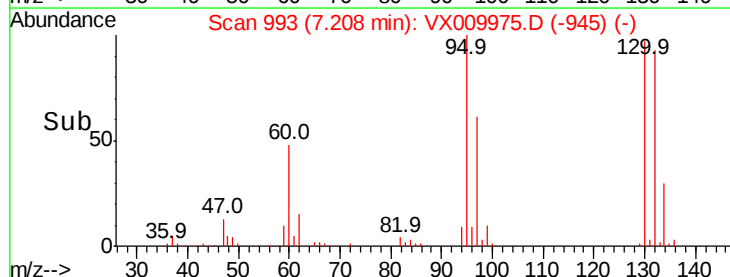
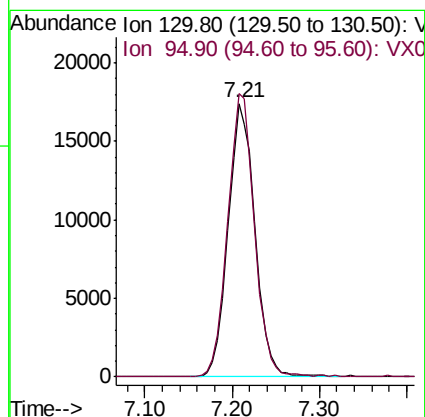
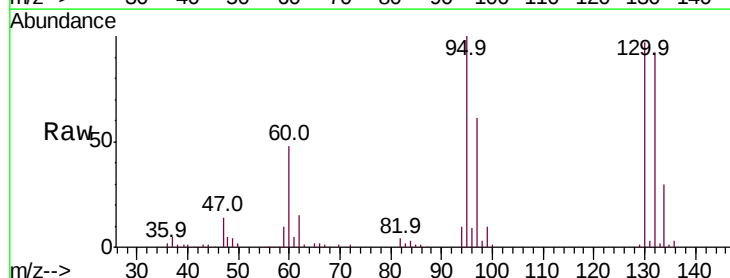
RT: 7.21 min Scan# 993

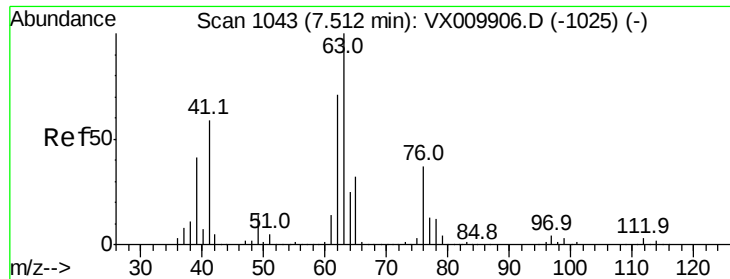
Delta R.T. -0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion:	130	Resp:	37089
Ion	Ratio	Lower	Upper
130	100		
95	103.5	0.0	199.2





#45

1,2-Dichloropropane

Concen: 19.469 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion: 63 Resp: 43492

Ion Ratio Lower Upper

63 100

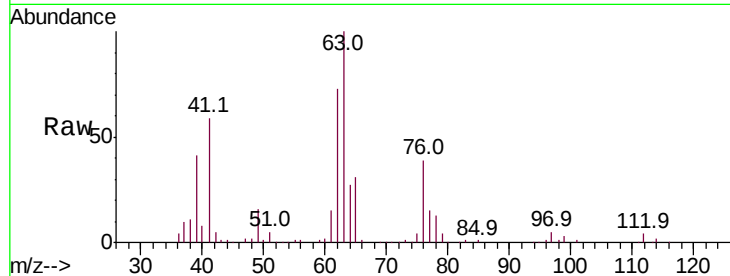
65 31.3 25.0 37.6

Manual Integrations

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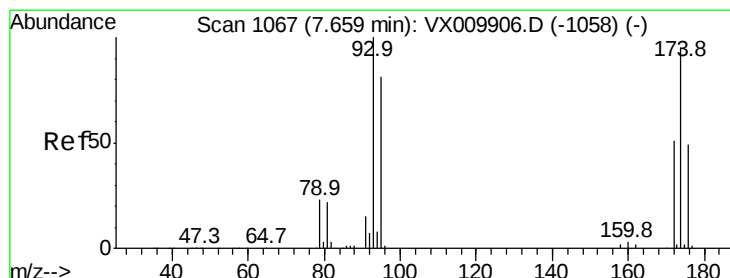
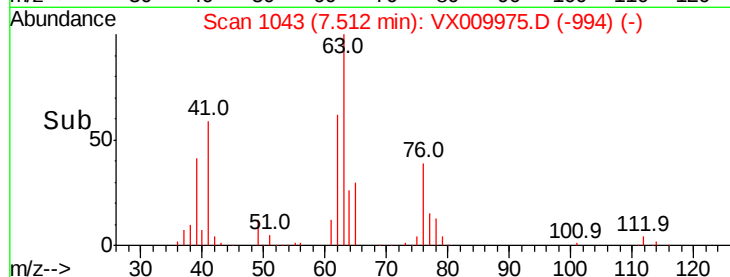
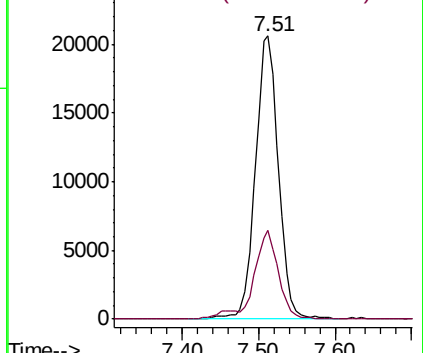
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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.342 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

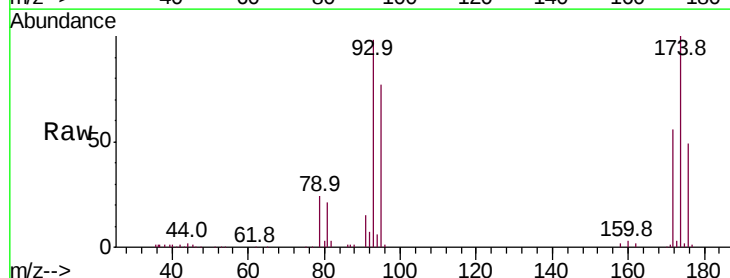
Tgt Ion: 93 Resp: 25434

Ion Ratio Lower Upper

93 100

95 82.3 66.5 99.7

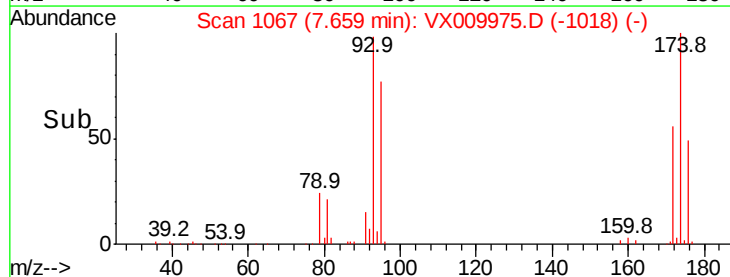
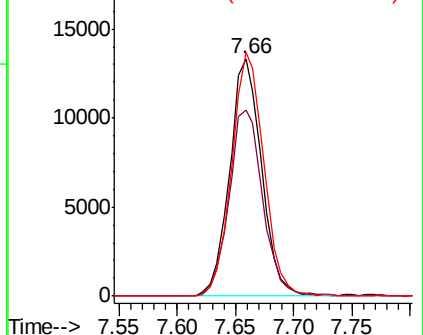
174 103.3 82.1 123.1

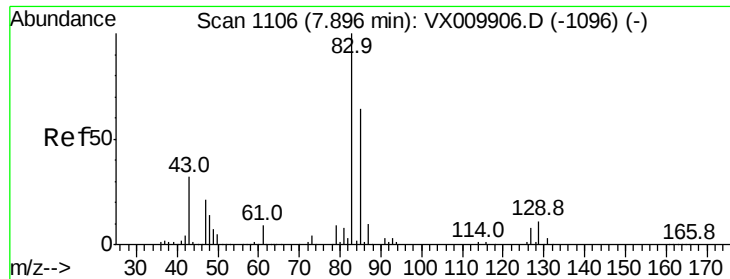


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 20.164 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

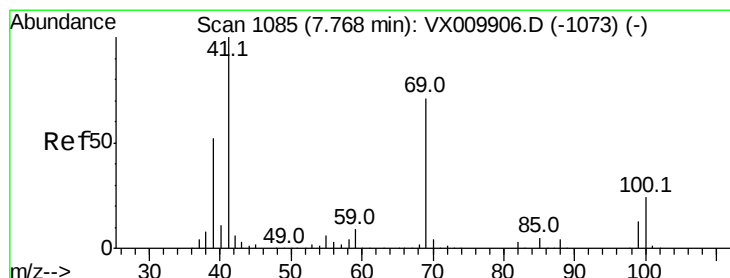
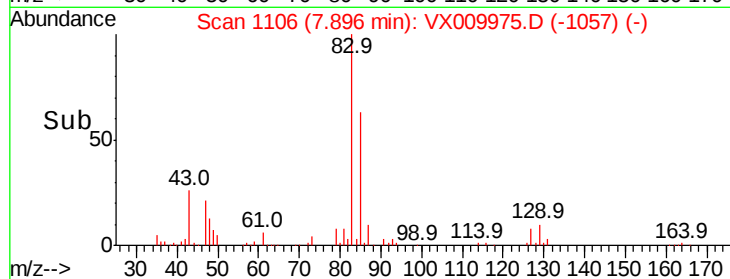
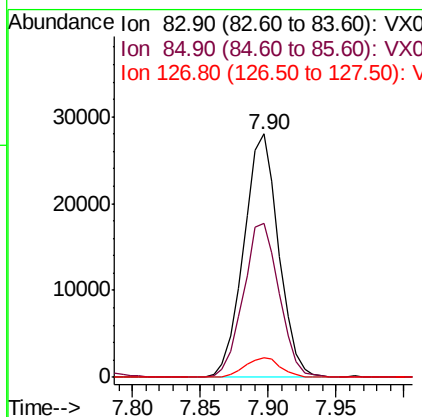
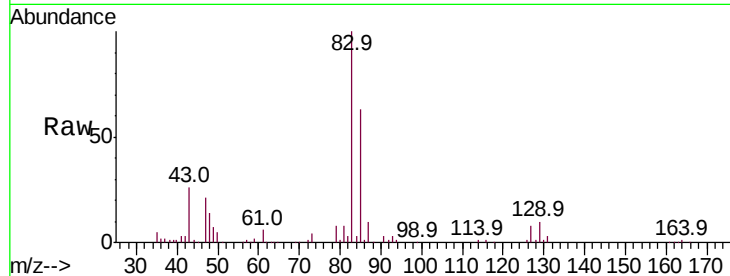
ClientSampleId :

VX0531WBS01

Tot Ion:	83	Resp:	50420
Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.4	78.6
127	8.0	6.6	10.0

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.381 ug/l

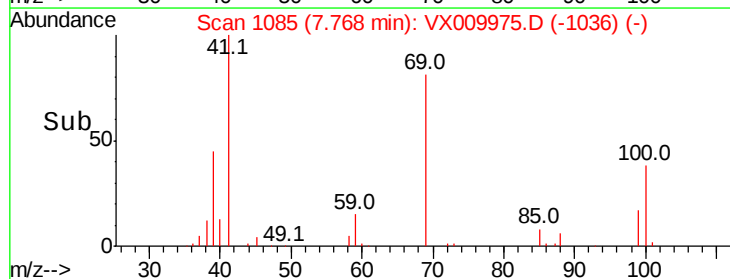
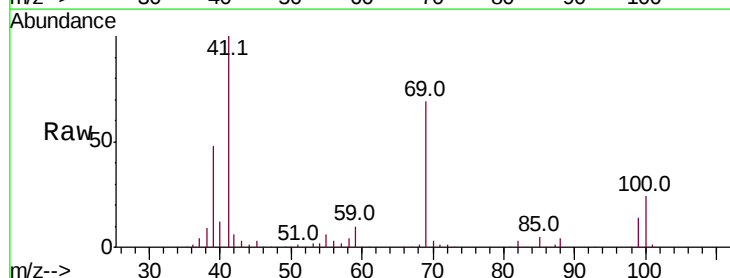
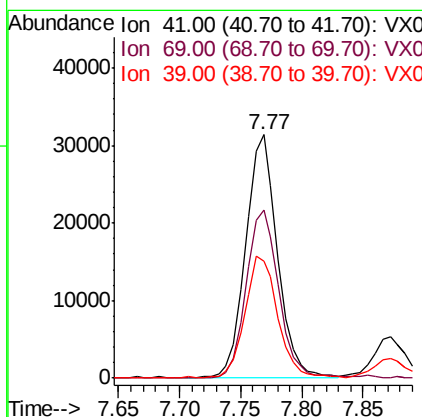
RT: 7.77 min Scan# 1085

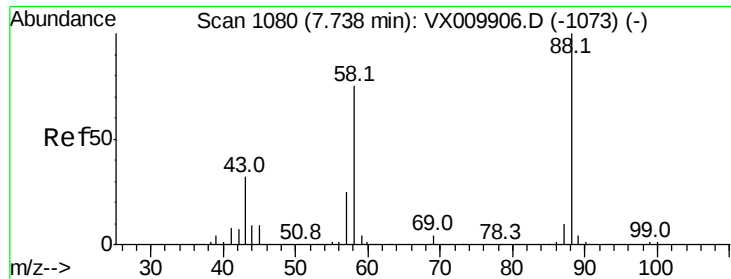
Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion:	41	Resp:	56428
Ion	Ratio	Lower	Upper
41	100		
69	71.4	59.1	88.7
39	52.4	40.4	60.6





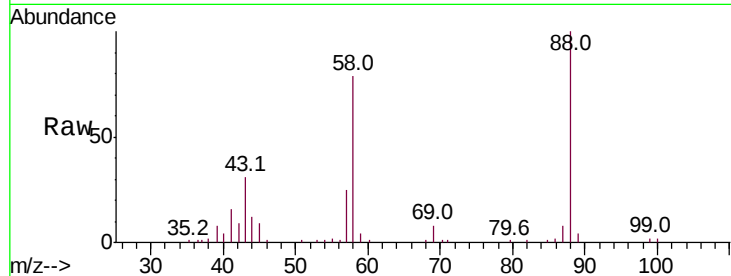
#49
1,4-Dioxane
Concen: 385.761 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

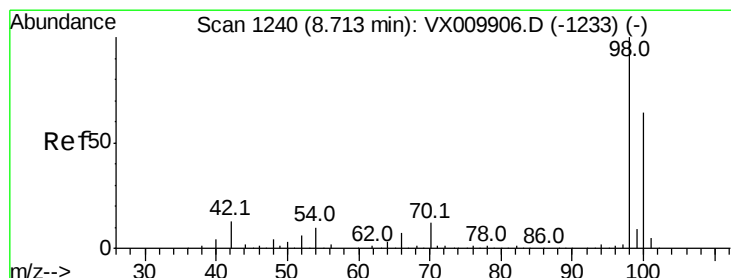
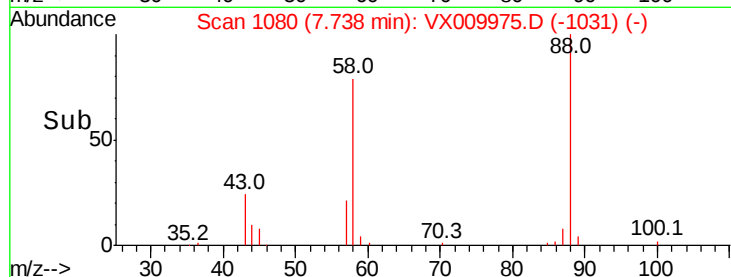
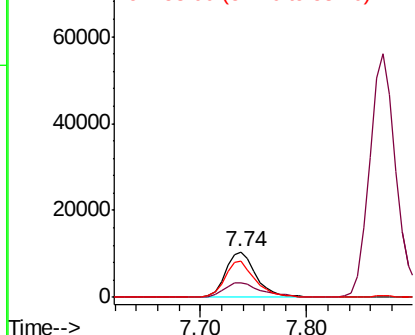
Tot Ion	Ratio	Lower	Upper
88	100		
43	36.7	28.6	42.8
58	81.2	61.7	92.5

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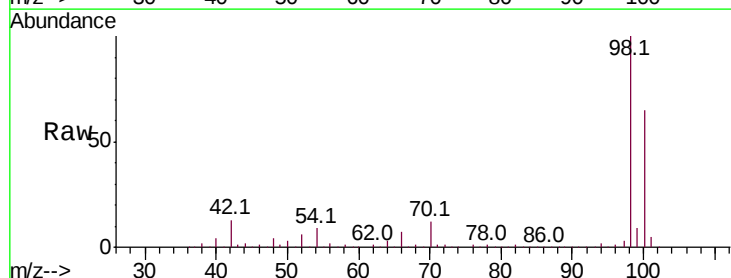


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

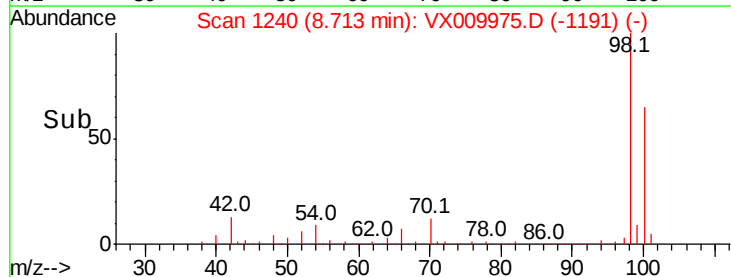
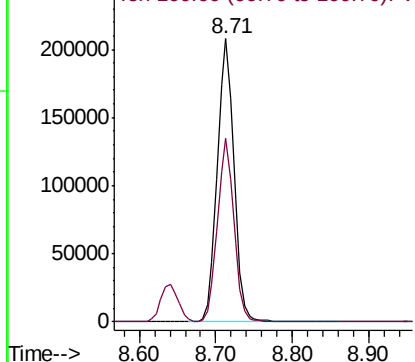


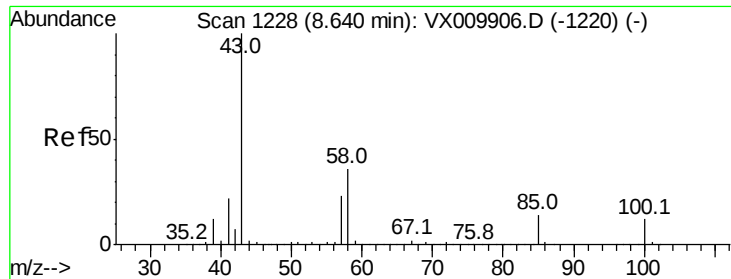
#50
Toluene-d8
Concen: 47.836 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.7	51.2	76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V





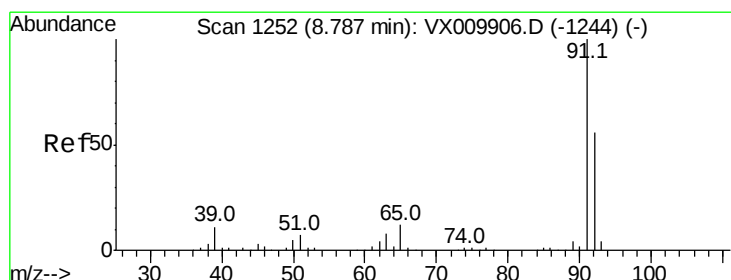
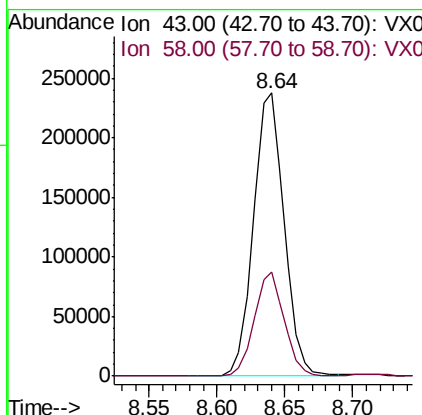
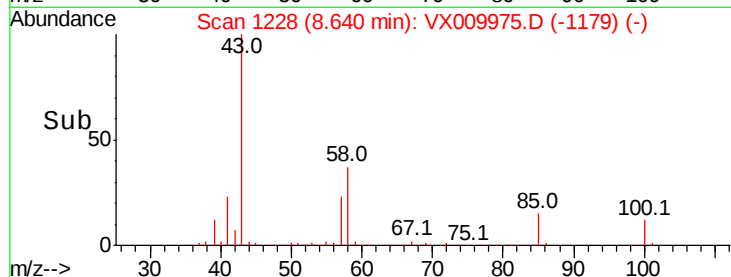
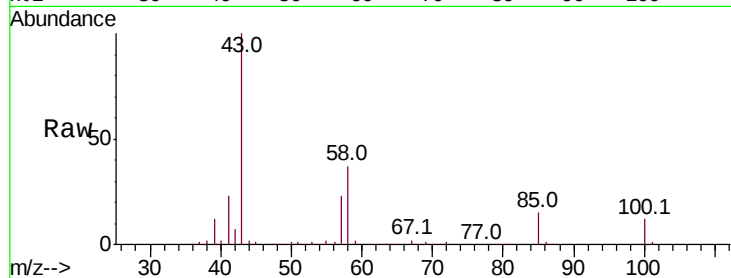
#51
4-Methyl-2-Pentanone
Concen: 98.314 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion	43	58	Ratio	100	35.9	Resp	376152	Lower	29.5	Upper	44.3
Ion	43	58	Ratio	100	35.9	Resp	376152	Lower	29.5	Upper	44.3

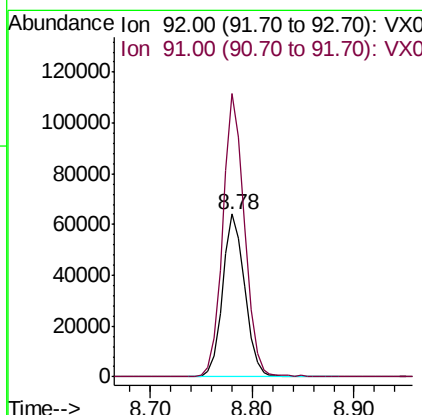
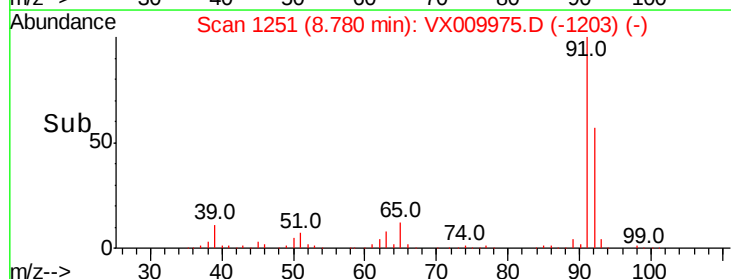
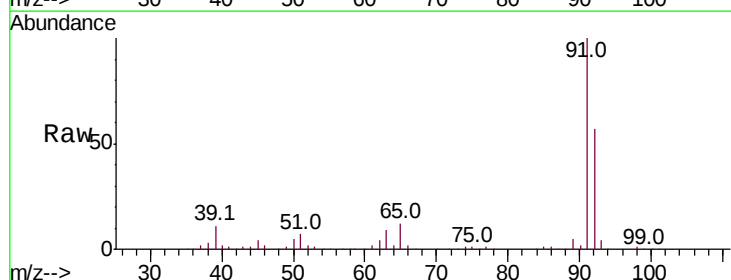
Manual Integrations
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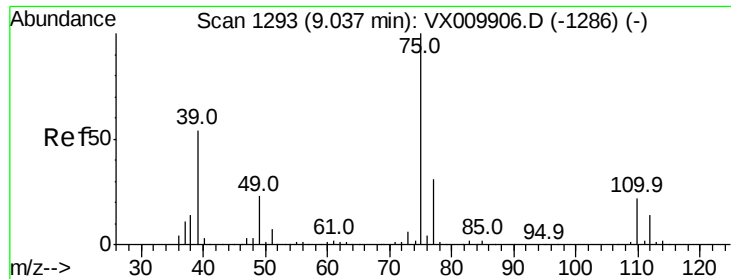
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6/3/2019 9:47:19 AM



#52
Toluene
Concen: 20.572 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion	92	91	Ratio	100	170.7	Resp	96932	Lower	138.8	Upper	208.2
Ion	92	91	Ratio	100	170.7	Resp	96932	Lower	138.8	Upper	208.2





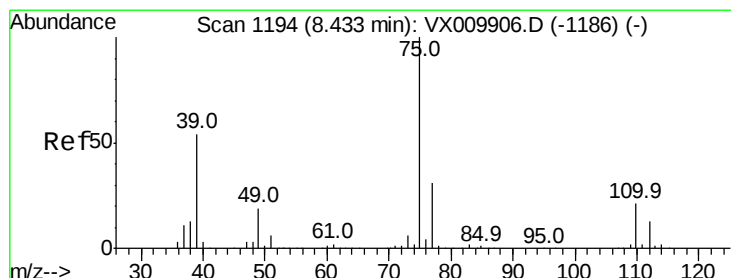
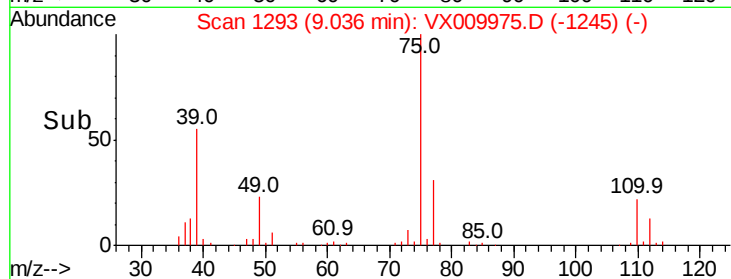
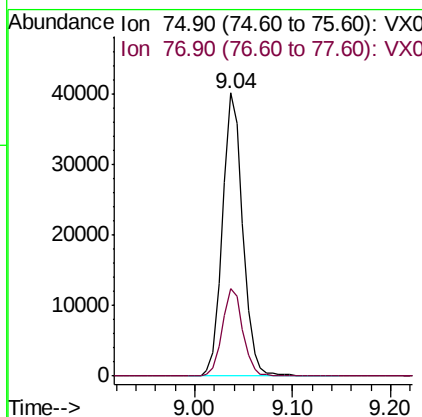
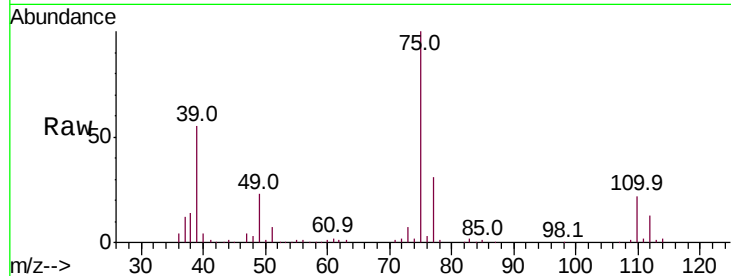
#53
t-1,3-Dichloropropene
Concen: 19.313 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion: 75 Resp: 57916
Ion Ratio Lower Upper
75 100
77 31.1 25.0 37.6

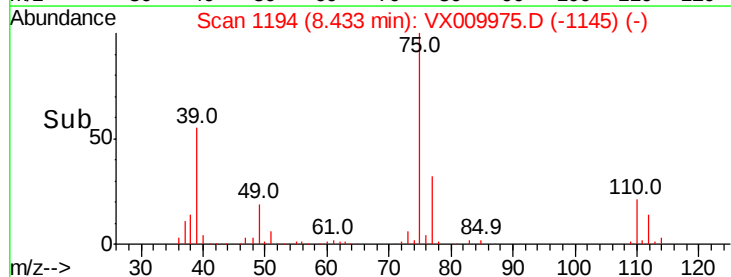
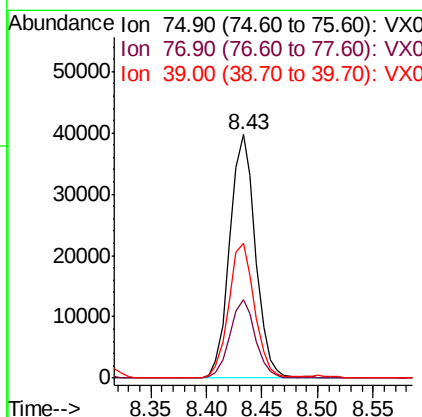
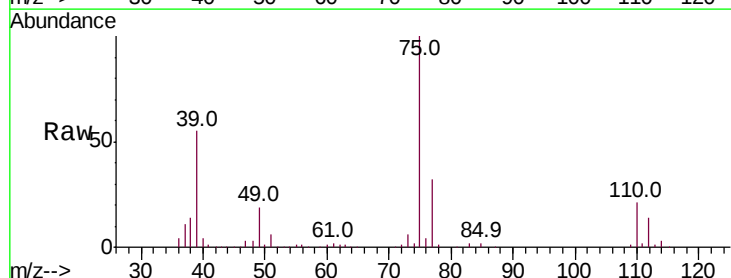
Manual Integrations
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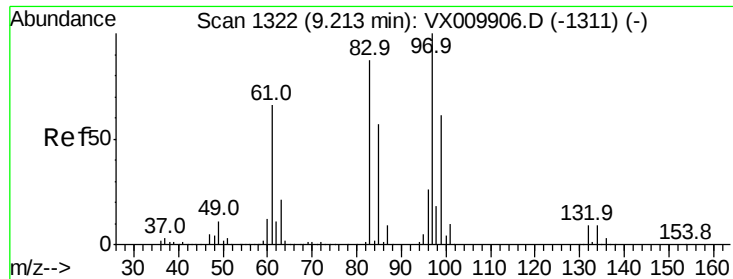
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.491 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion: 75 Resp: 63686
Ion Ratio Lower Upper
75 100
77 32.0 24.6 36.8
39 55.0 40.6 60.8





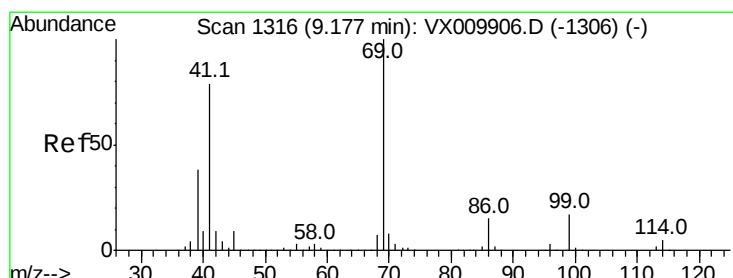
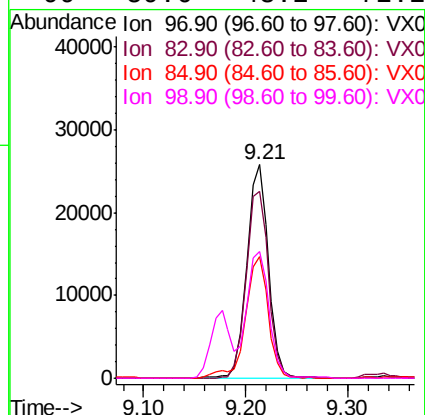
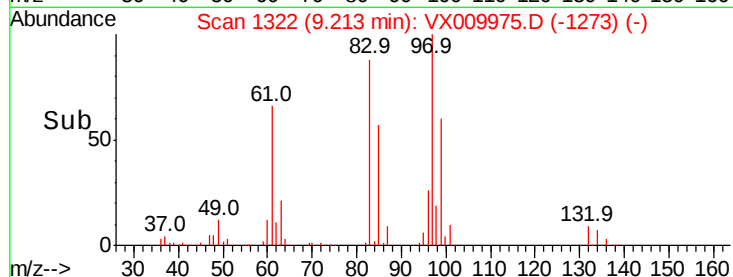
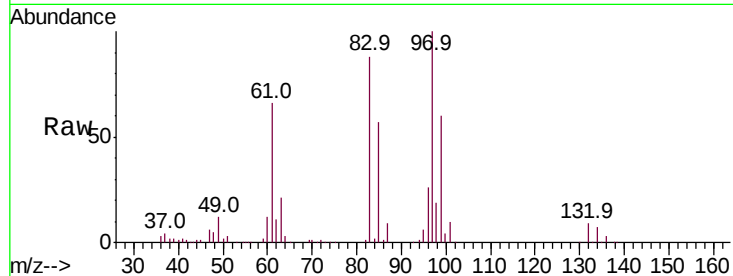
#55
 1,1,2-Trichloroethane
 Concen: 19.941 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Tot Ion	97	Resp	37817
Ion	Ratio	Lower	Upper
97	100		
83	87.7	68.9	103.3
85	57.0	43.8	65.6
99	59.6	48.2	72.2

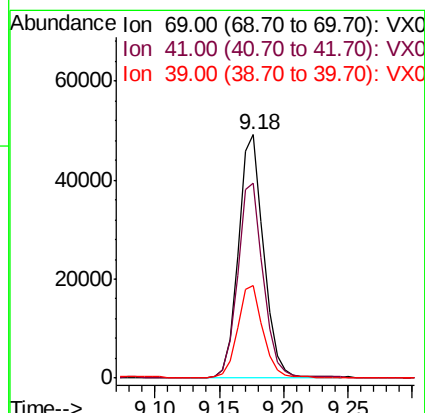
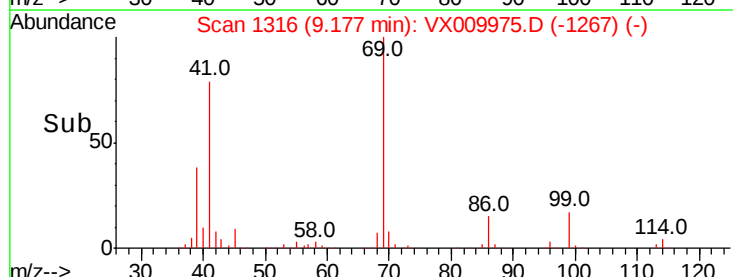
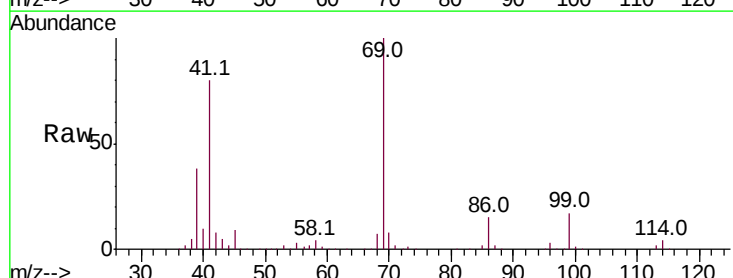
Manual Integrations
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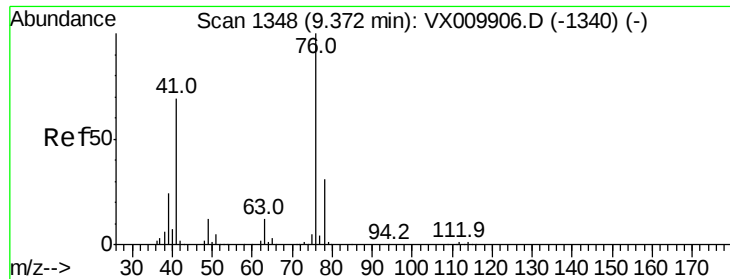
MMDadoda
 6/3/2019 9:47:19 AM



#56
 Ethyl methacrylate
 Concen: 19.783 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion	69	Resp	66792
Ion	Ratio	Lower	Upper
69	100		
41	80.8	60.6	90.8
39	38.6	28.2	42.4





#57

1,3-Dichloropropane

Concen: 19.731 ug/l

RT: 9.37 min Scan# 1347

Delta R.T. -0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion: 76 Resp: 67200

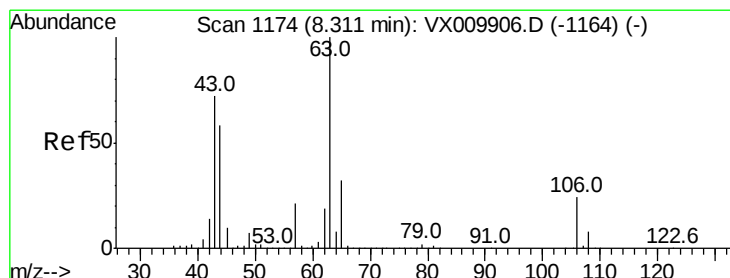
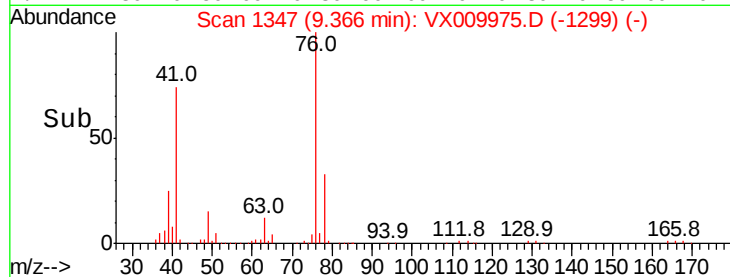
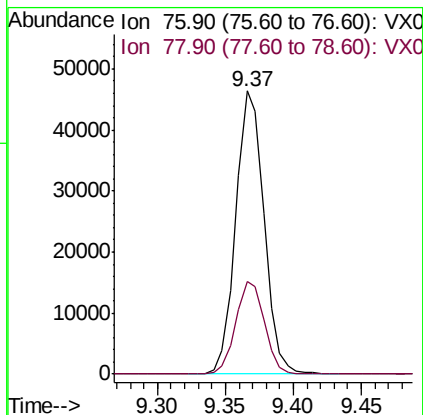
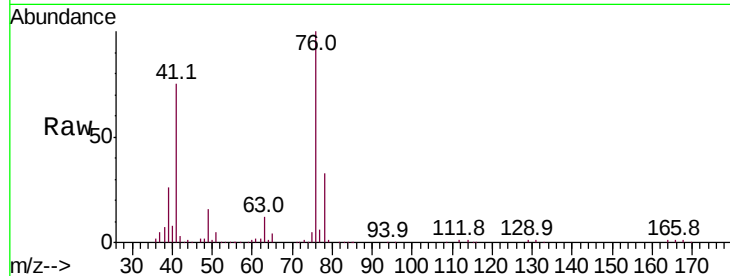
Ion Ratio Lower Upper

76 100

78 33.2 25.5 38.3

Manual Integrations
APPROVED

MMDadoda
6/3/2019 9:47:19 AM



#58

2-Chloroethyl Vinyl ether

Concen: 93.950 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX009975.D

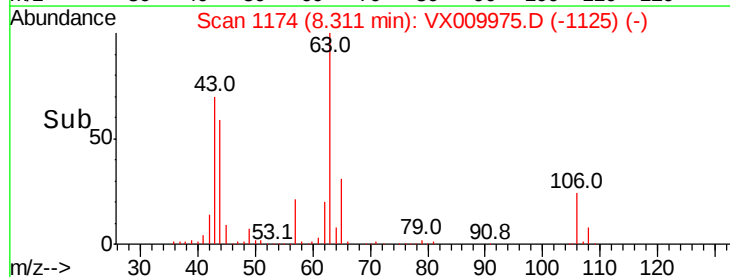
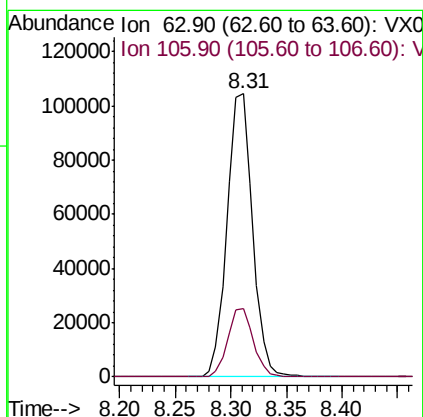
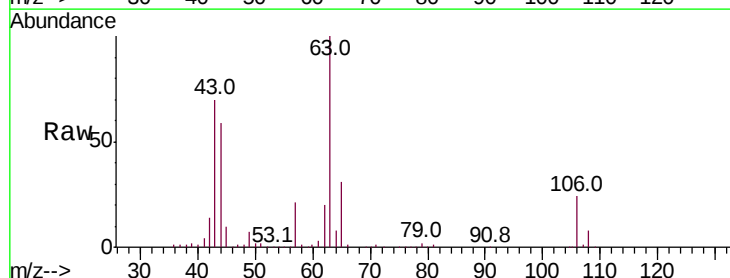
Acq: 31 May 2019 10:51

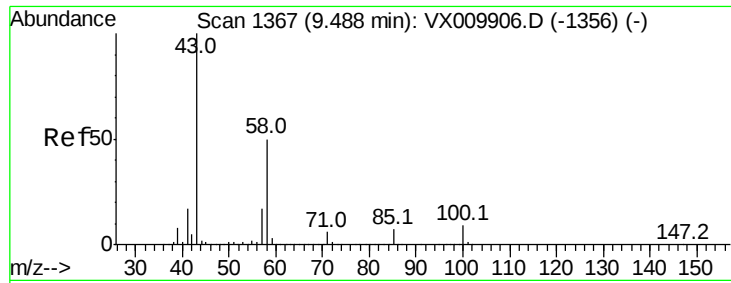
Tgt Ion: 63 Resp: 166331

Ion Ratio Lower Upper

63 100

106 24.3 19.7 29.5





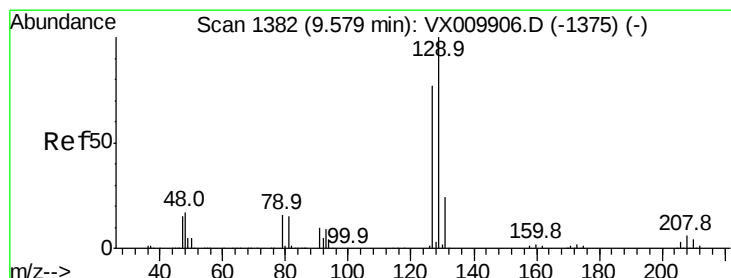
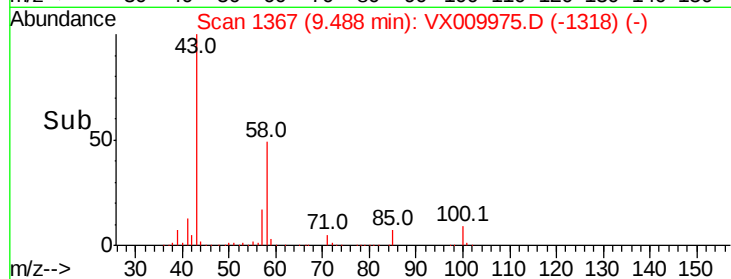
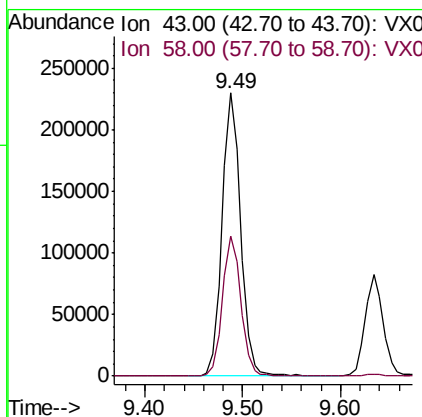
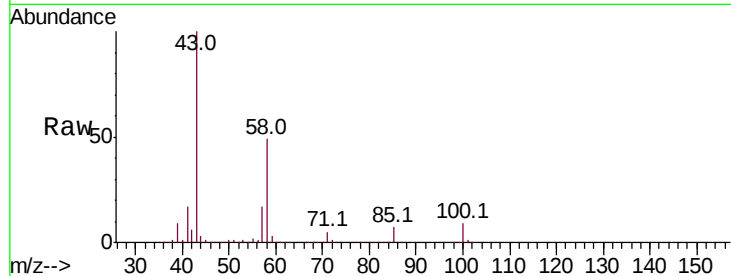
#59
2-Hexanone
Concen: 102.789 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampled :
VX0531WBS01

Tot Ion: 43 Resp: 302782
Ion Ratio Lower Upper
43 100
58 49.4 25.9 77.7

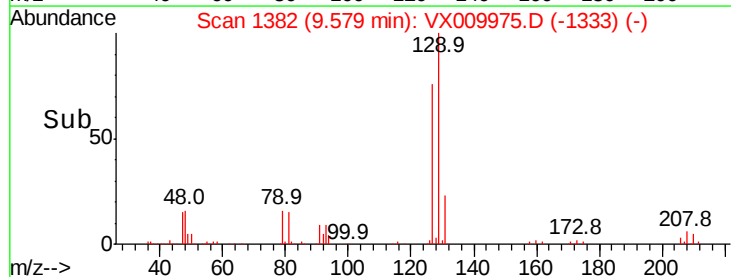
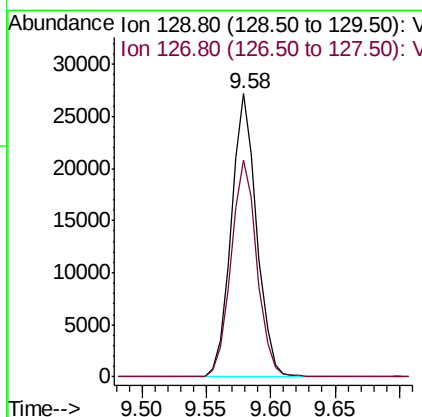
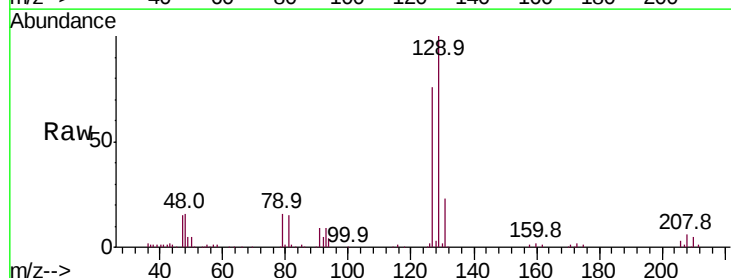
Manual Integrations
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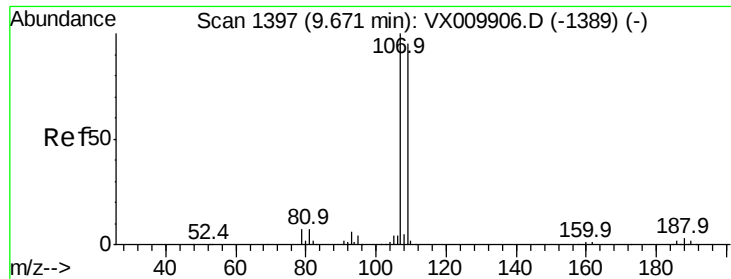
MMDadoda
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#60
Dibromochloromethane
Concen: 20.088 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion: 129 Resp: 37475
Ion Ratio Lower Upper
129 100
127 77.7 38.4 115.1





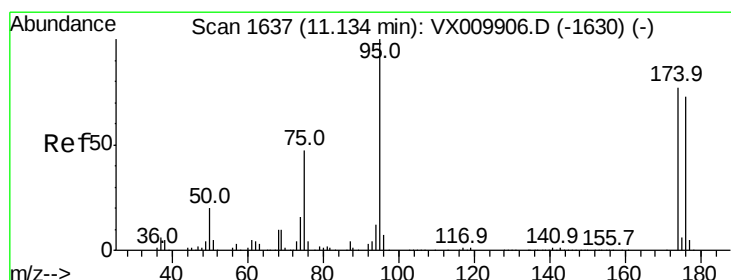
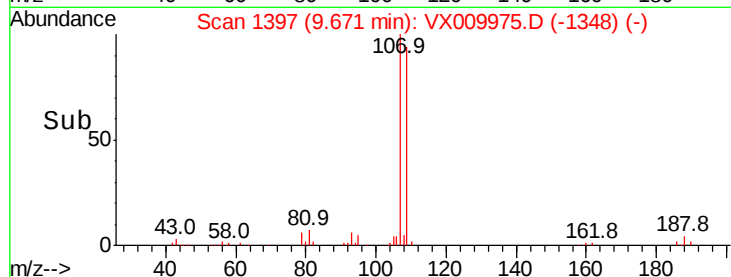
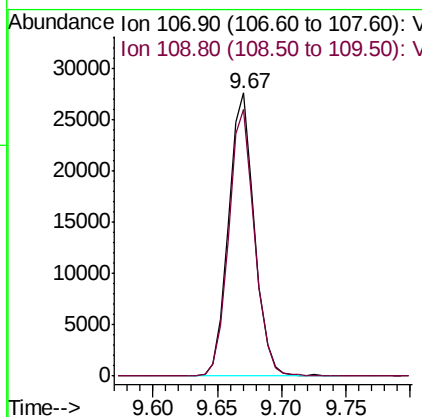
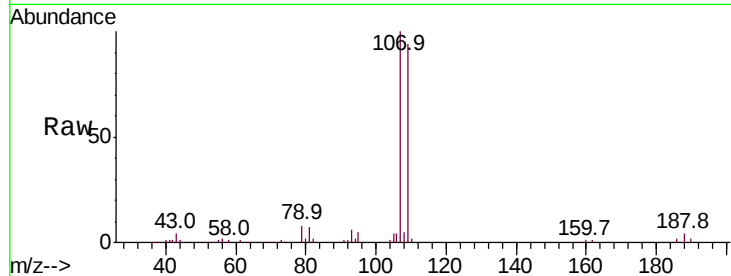
#61
 1,2-Dibromoethane
 Concen: 19.901 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	75.2	112.8

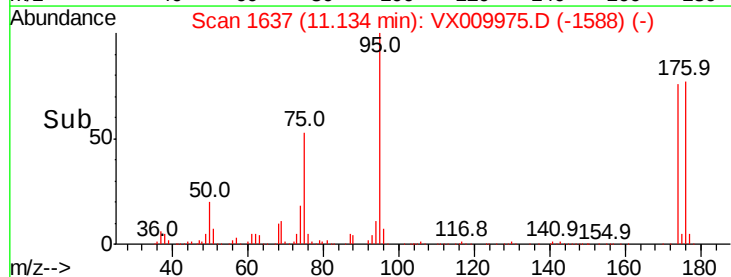
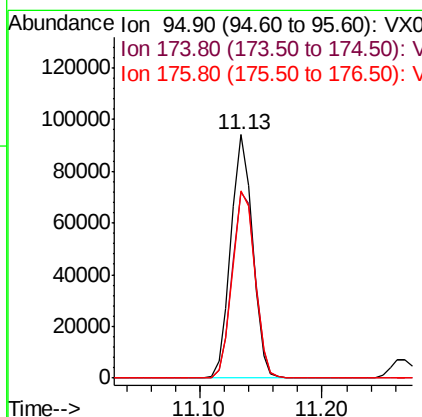
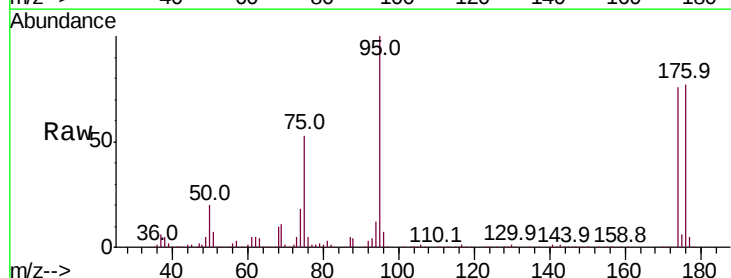
Manual Integrations
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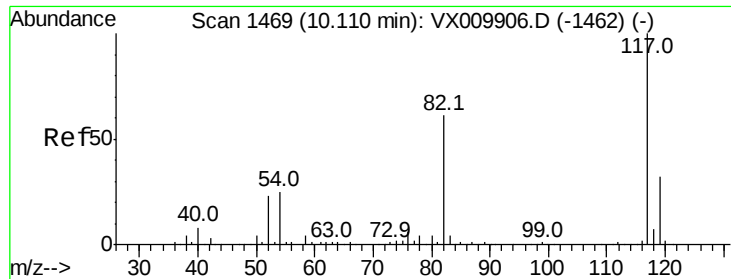
MMDadoda
 6/3/2019 9:47:19 AM



#62
 4-Bromofluorobenzene
 Concen: 48.786 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
95	100		
174	80.5	0.0	161.6
176	79.4	0.0	159.2





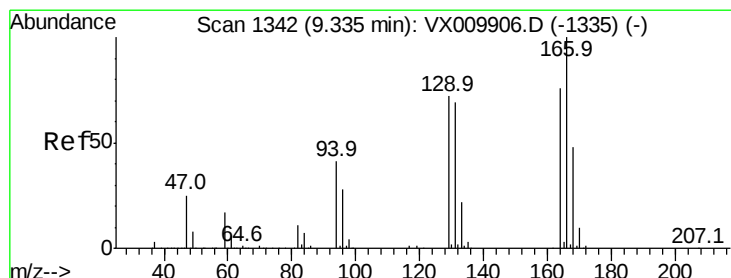
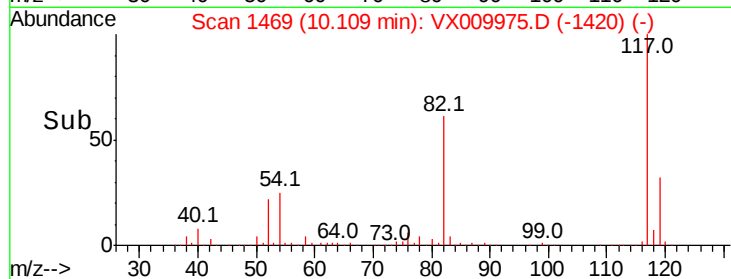
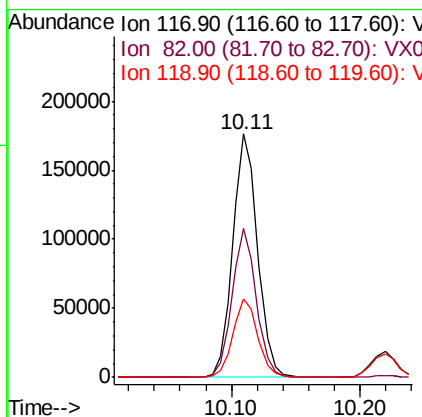
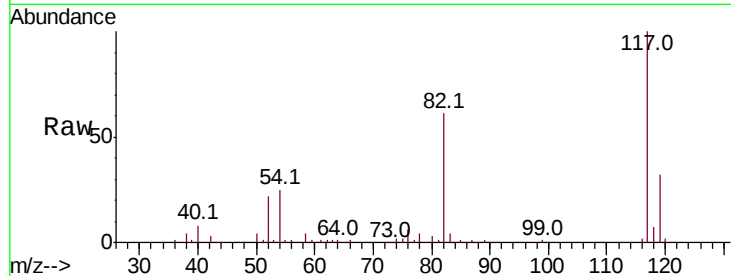
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion	Ratio	Lower	Upper
117	100		
82	61.1	48.8	73.2
119	32.5	25.8	38.6

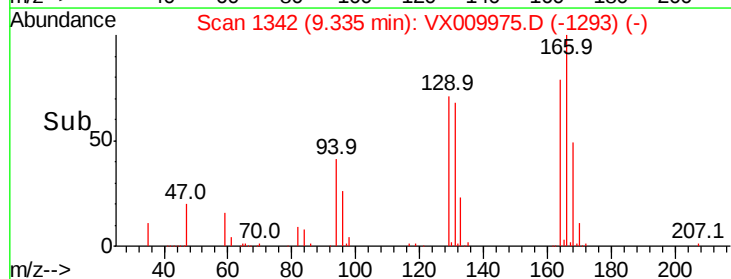
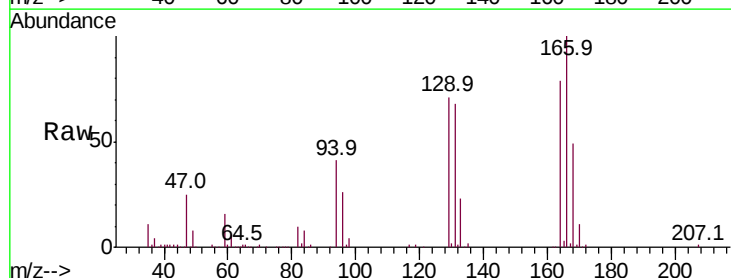
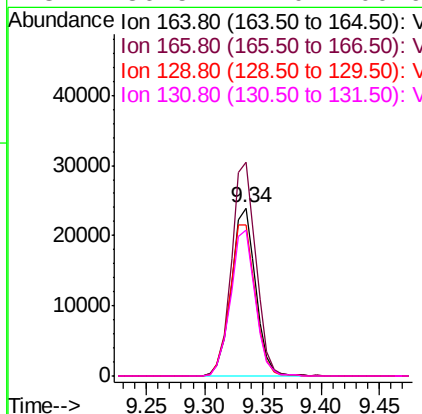
Manual Integrations
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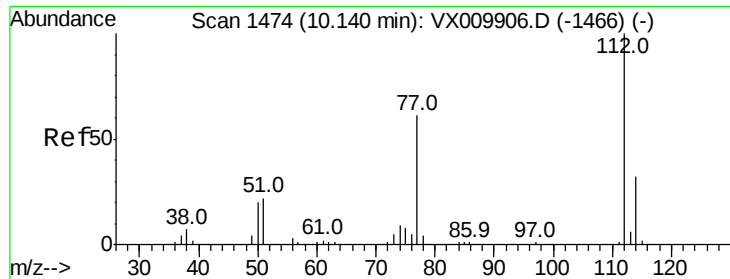
MMDadoda
6/3/2019 9:47:19 AM



#64
Tetrachloroethene
Concen: 21.074 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.0	101.2	151.8
129	90.1	74.3	111.5
131	86.5	71.0	106.6





#65

Chlorobenzene

Concen: 20.327 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion:112 Resp: 100882

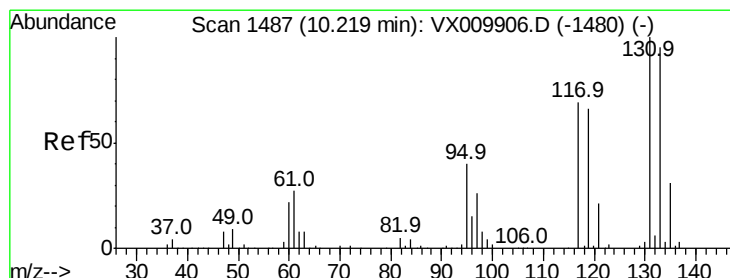
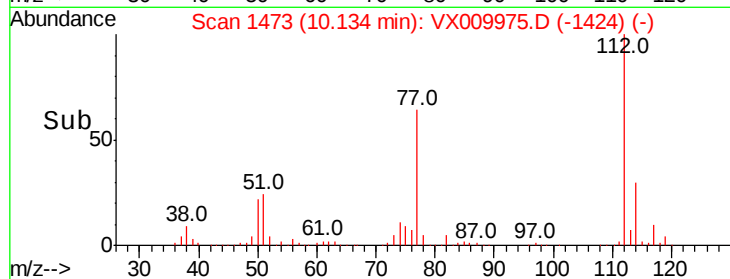
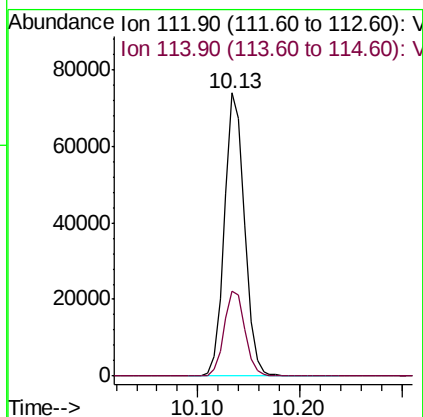
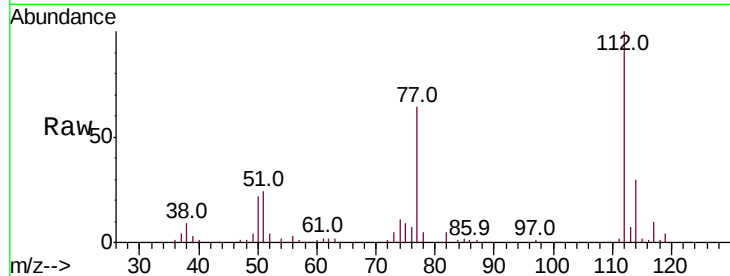
Ion Ratio Lower Upper

112 100

114 30.1 25.5 38.3

Manual Integrations
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6/3/2019 9:47:19 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 20.349 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

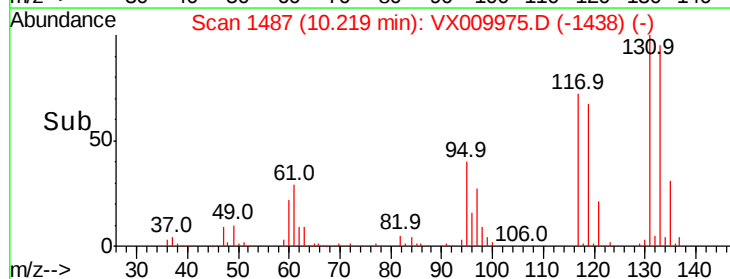
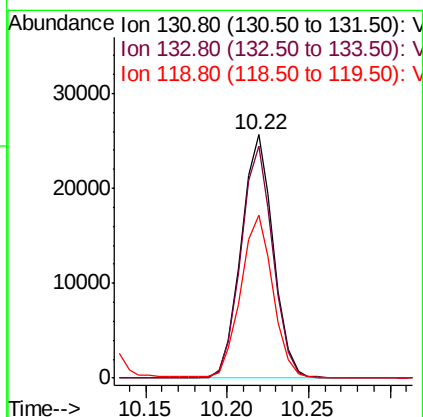
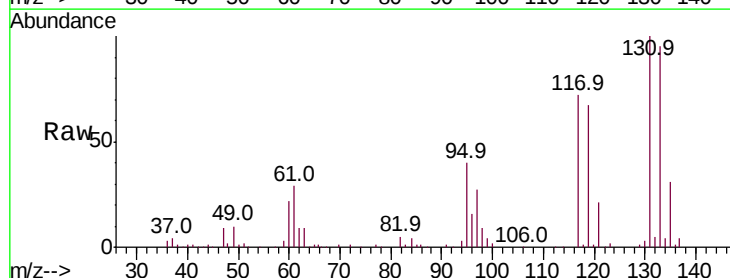
Tgt Ion:131 Resp: 35027

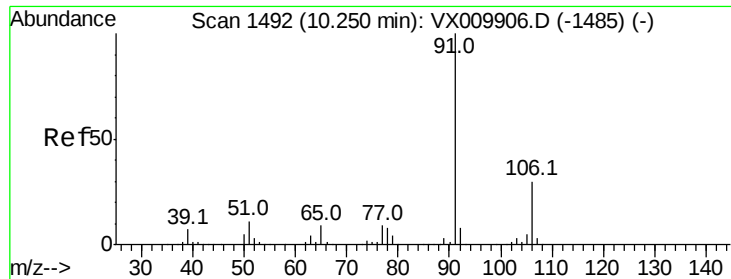
Ion Ratio Lower Upper

131 100

133 95.6 47.7 143.1

119 67.6 33.5 100.4





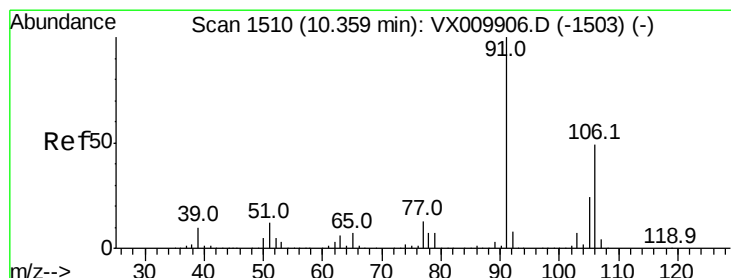
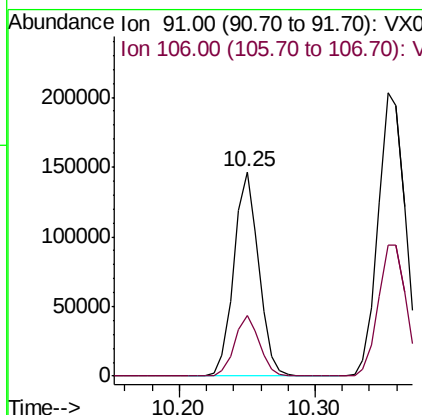
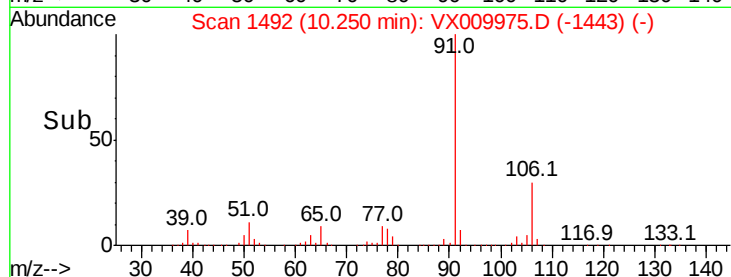
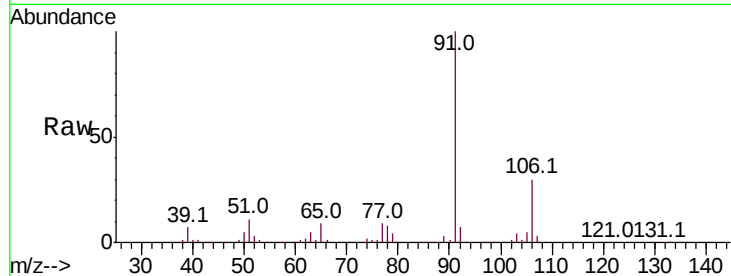
#67
Ethyl Benzene
Concen: 20.863 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion: 91 Resp: 185912
Ion Ratio Lower Upper
91 100
106 29.9 24.0 36.0

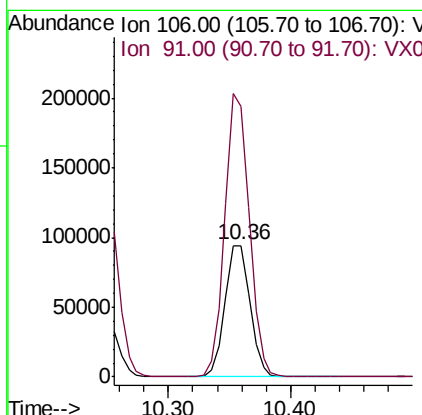
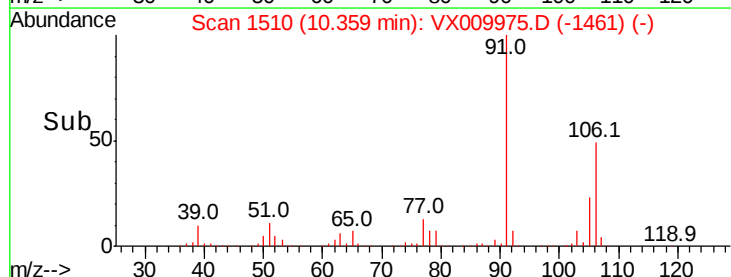
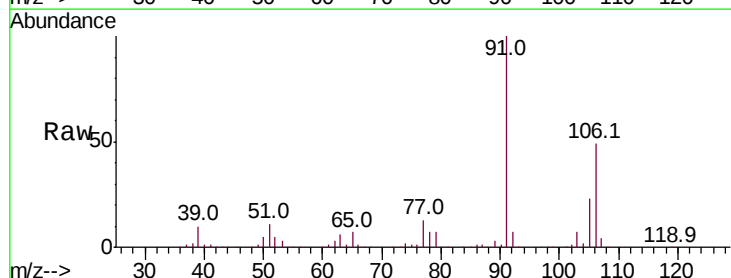
Manual Integrations
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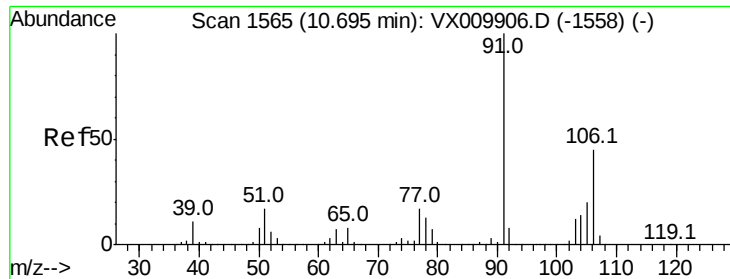
MMDadoda
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#68
m/p-Xylenes
Concen: 40.753 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion: 106 Resp: 134160
Ion Ratio Lower Upper
106 100
91 210.9 164.0 246.0





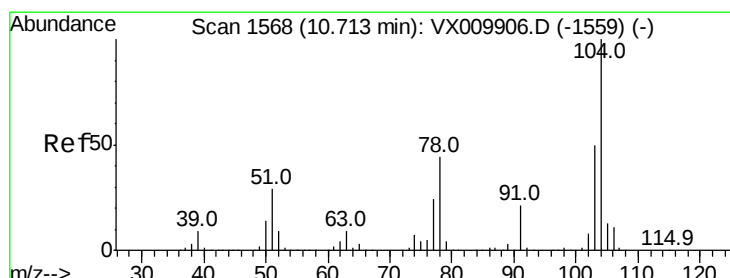
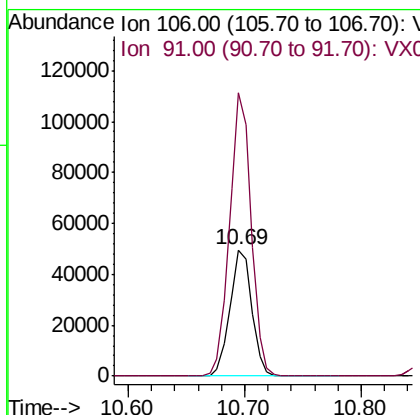
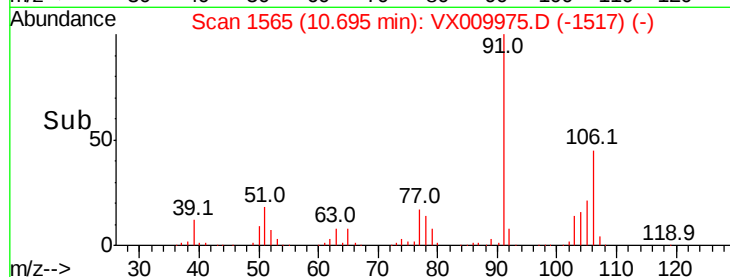
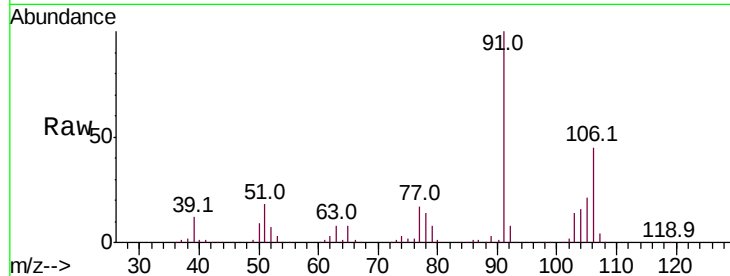
#69
o-Xylene
Concen: 20.640 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion:106 Resp: 65165
Ion Ratio Lower Upper
106 100
91 220.0 109.5 328.4

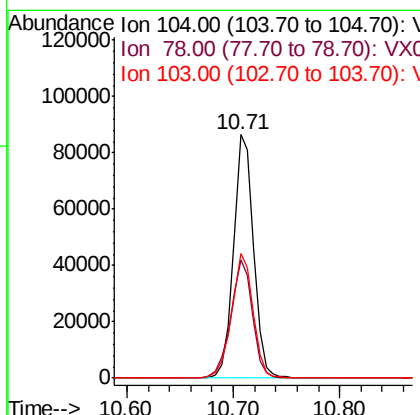
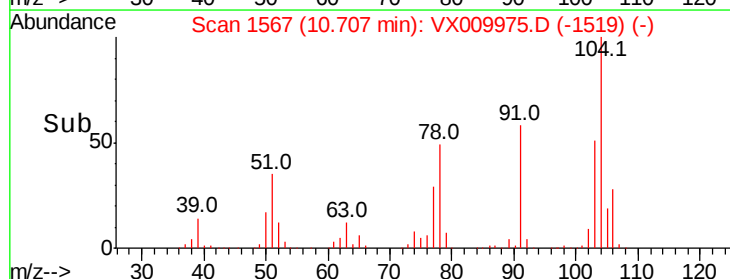
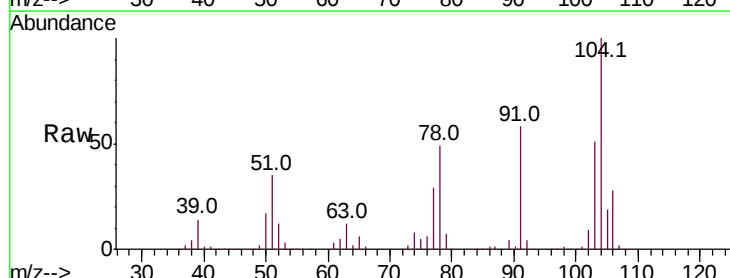
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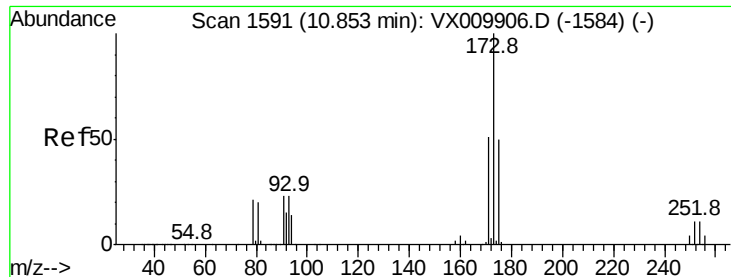
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#70
Styrene
Concen: 20.610 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion:104 Resp: 114098
Ion Ratio Lower Upper
104 100
78 52.8 41.0 61.4
103 54.9 43.8 65.6





#71

Bromoform

Concen: 20.005 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion:173 Resp: 28148

Ion Ratio Lower Upper

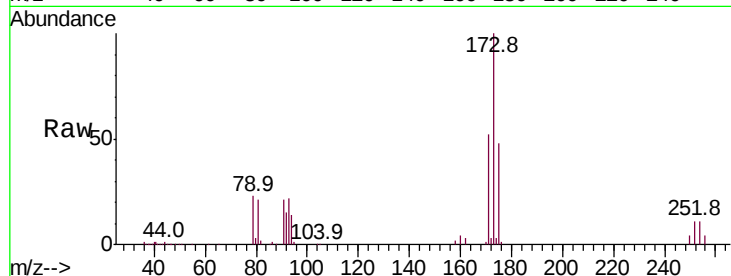
173 100

175 48.7 24.5 73.5

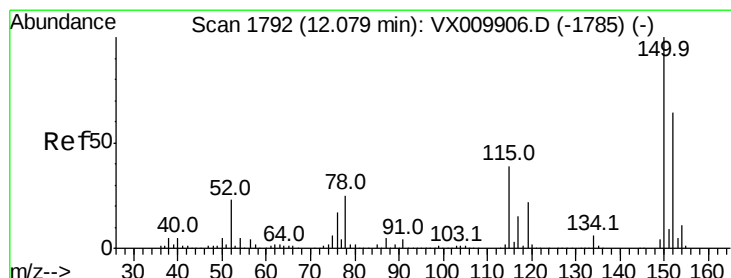
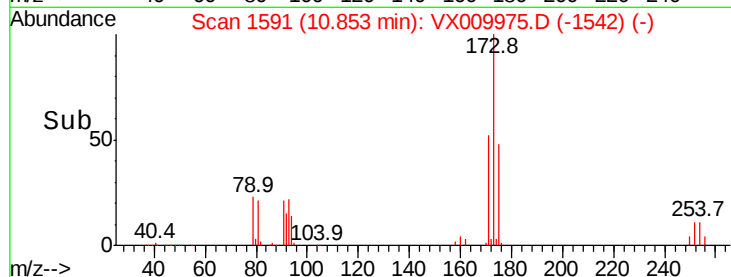
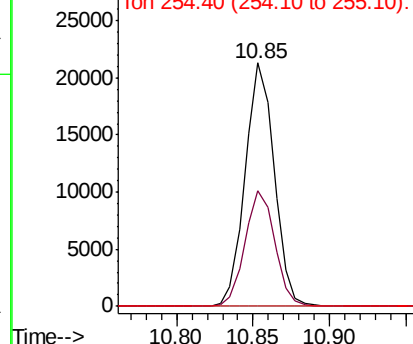
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

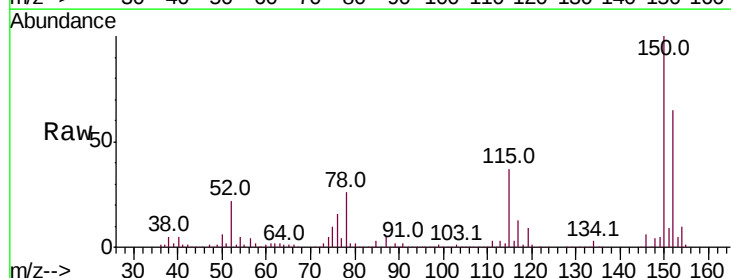
Tgt Ion:152 Resp: 117390

Ion Ratio Lower Upper

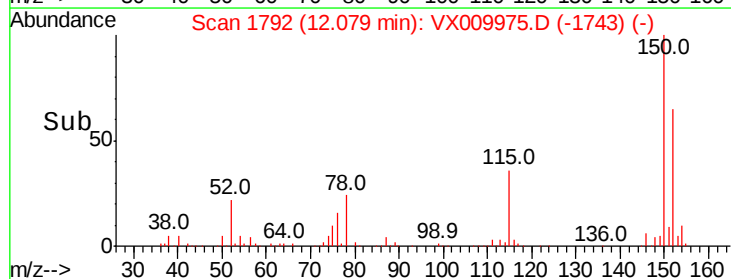
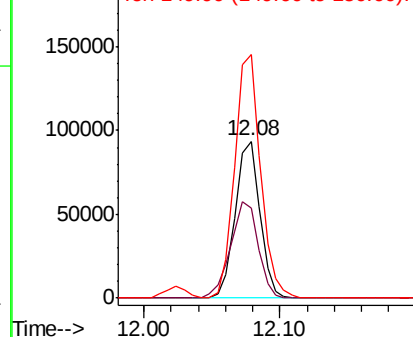
152 100

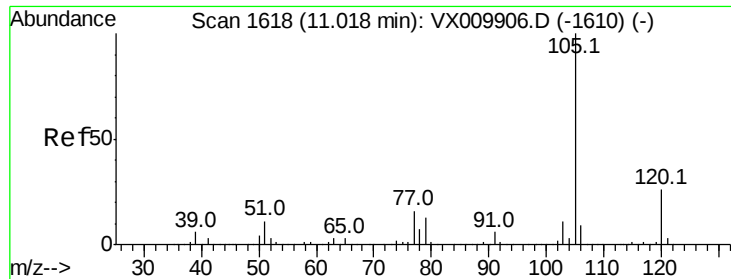
115 69.1 41.2 123.6

150 164.2 0.0 346.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.331 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion:105 Resp: 176094

Ion Ratio Lower Upper

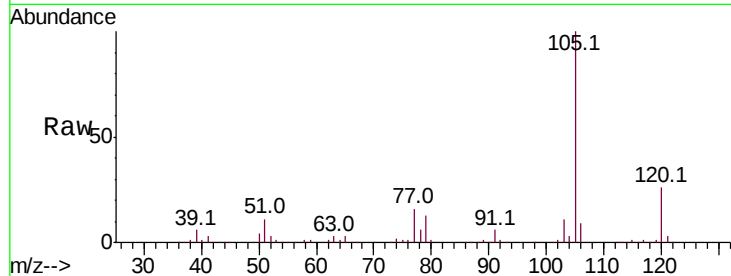
105 100

120 26.0 12.8 38.3

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

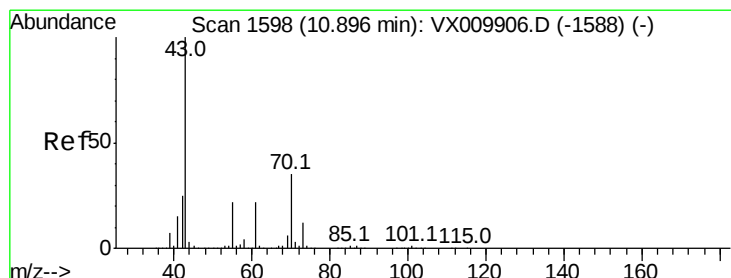
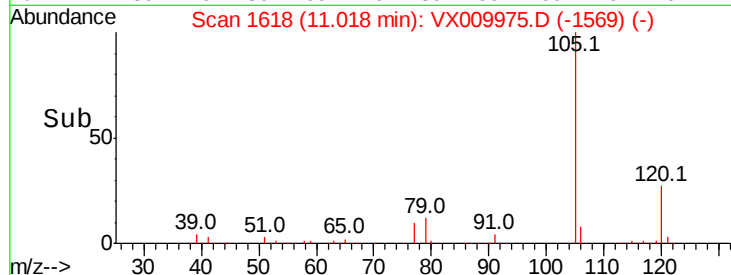
150000

100000

50000

0

Time-->



#74

N-ethyl acetate

Concen: 20.302 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion: 43 Resp: 105073

Ion Ratio Lower Upper

43 100

70 35.9 30.0 45.0

55 22.7 17.9 26.9

61 21.1 18.4 27.6

Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

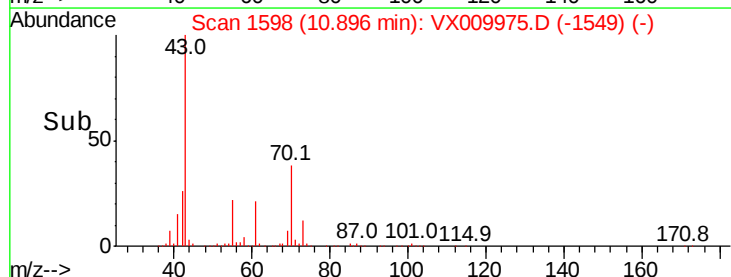
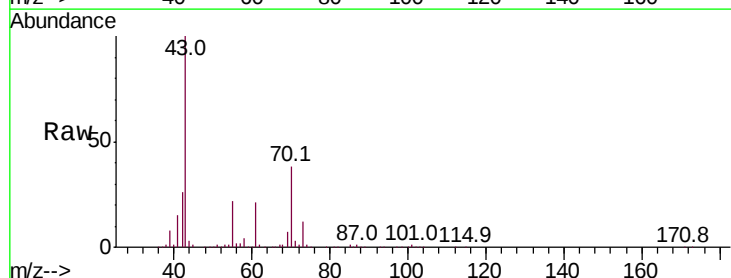
Ion 61.00 (60.70 to 61.70): VX0

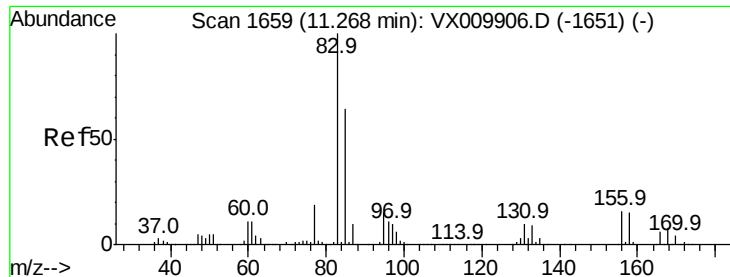
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 20.038 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion: 83 Resp: 64748

Ion Ratio Lower Upper

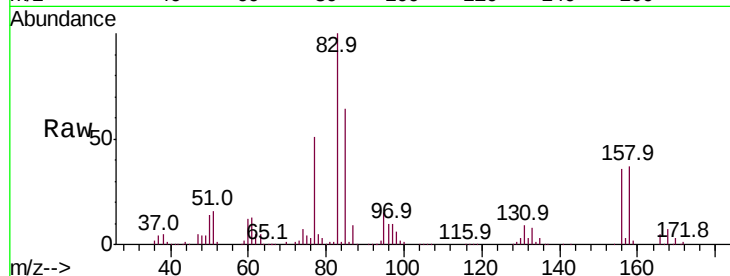
83 100

131 9.0 4.6 13.8

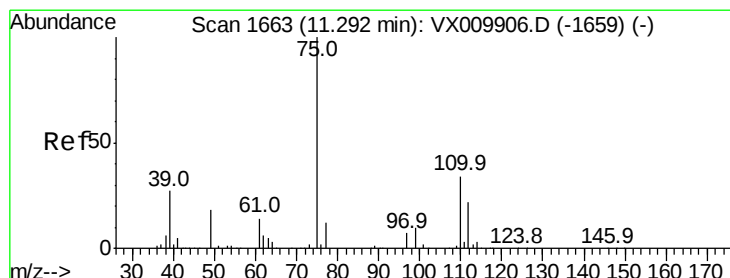
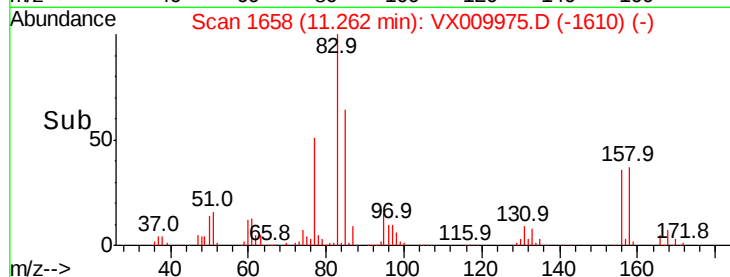
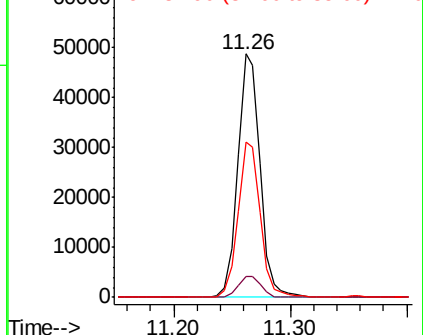
85 64.2 32.0 96.2

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Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 17.227 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

Lab File: VX009975.D

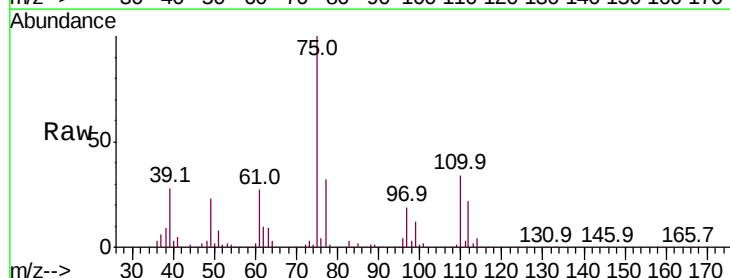
Acq: 31 May 2019 10:51

Tgt Ion: 75 Resp: 57248

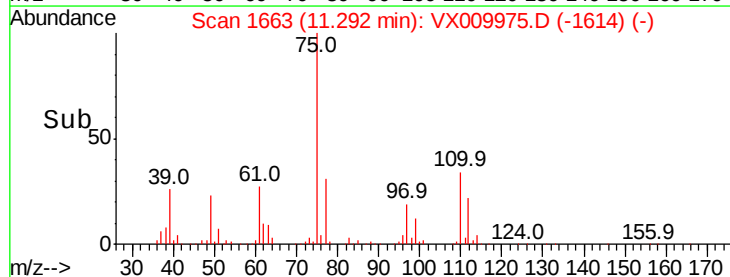
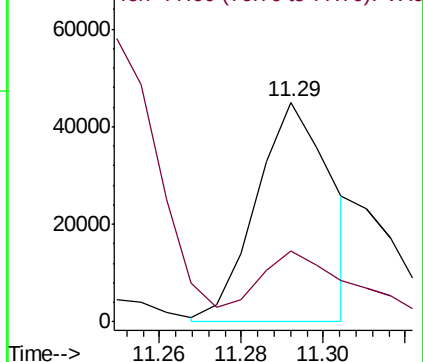
Ion Ratio Lower Upper

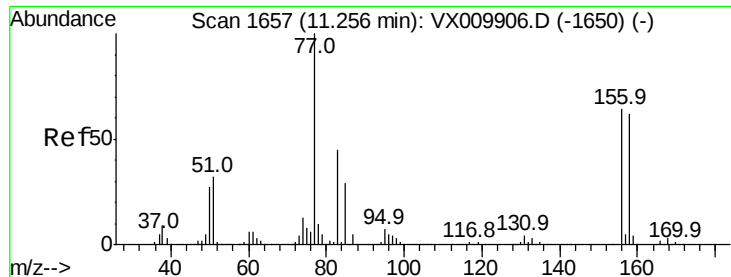
75 100

77 42.0 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.316 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

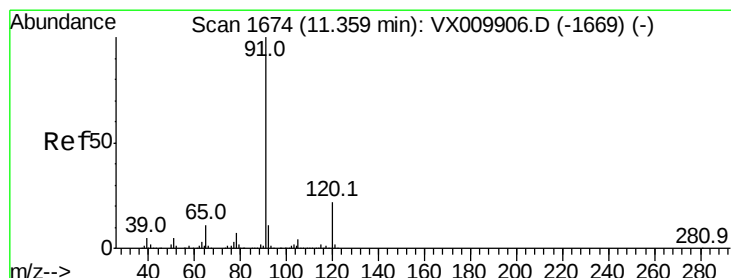
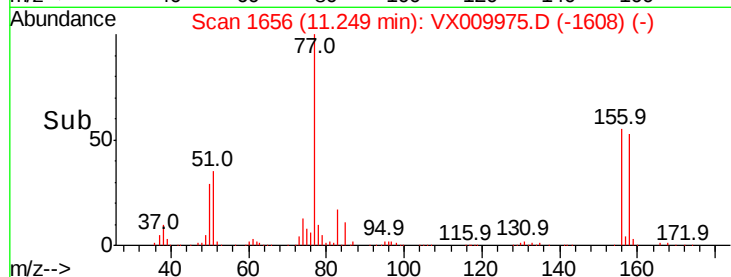
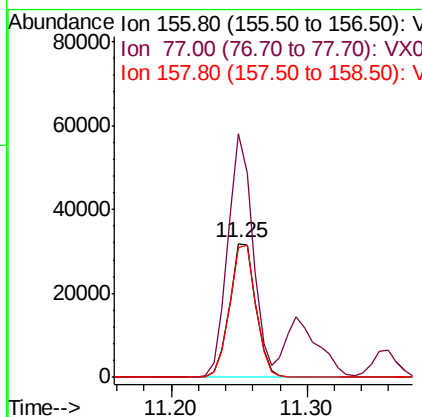
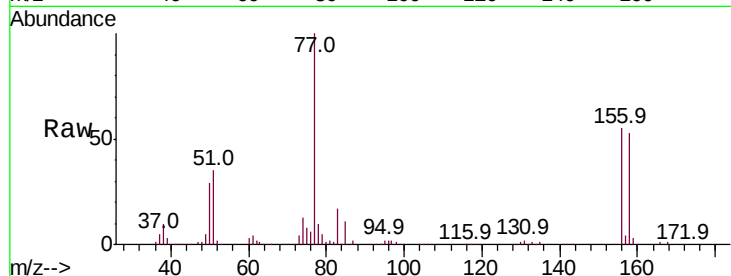
ClientSampleId :

VX0531WBS01

Tot Ion:	156	Resp:	42636
Ion	Ratio	Lower	Upper
156	100		
77	174.2	84.8	254.3
158	98.6	49.1	147.3

Manual Integrations
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#78

n-propylbenzene

Concen: 20.761 ug/l

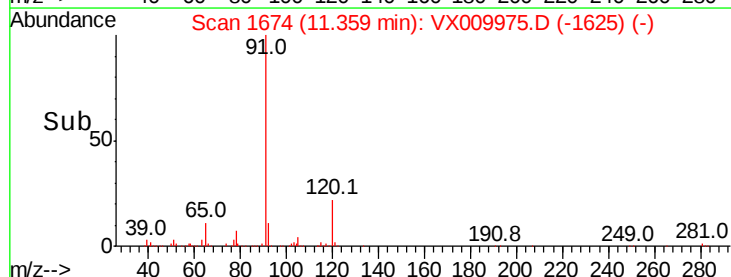
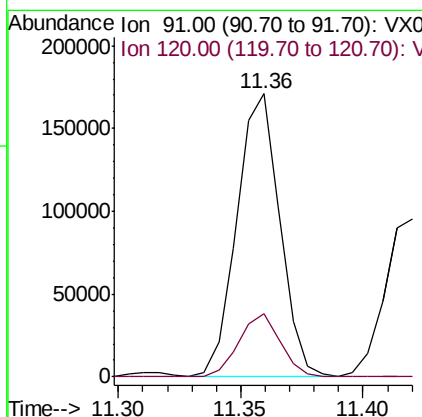
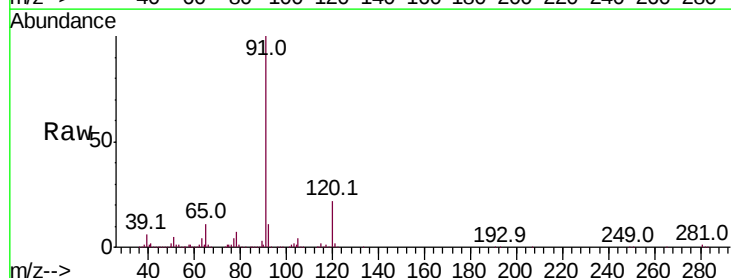
RT: 11.36 min Scan# 1674

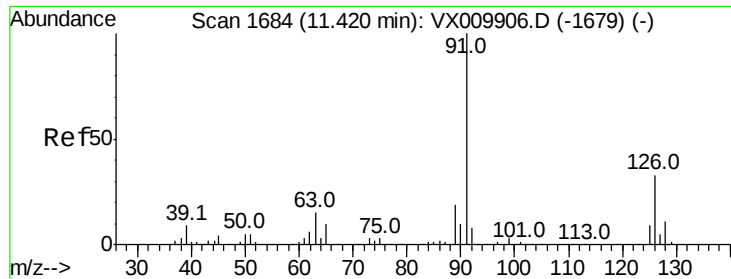
Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion:	91	Resp:	207267
Ion	Ratio	Lower	Upper
91	100		
120	21.8	11.0	33.0





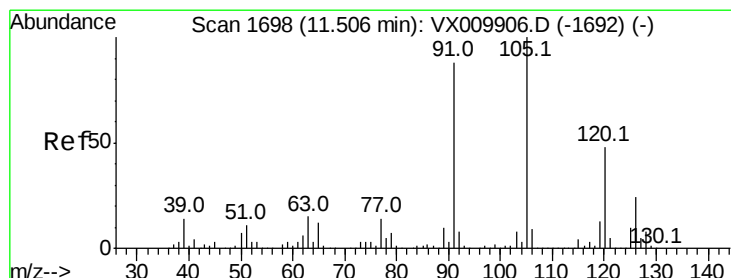
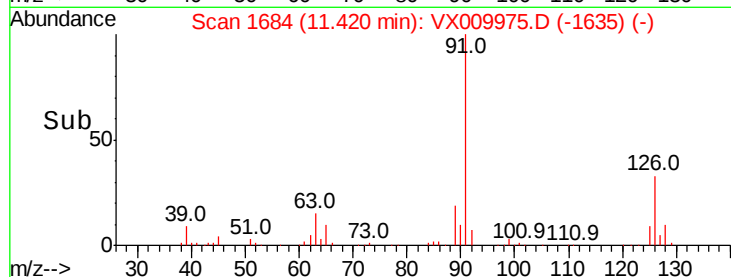
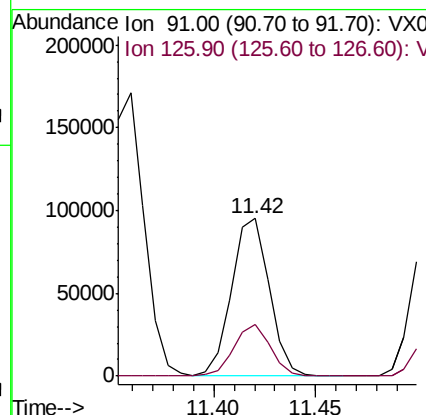
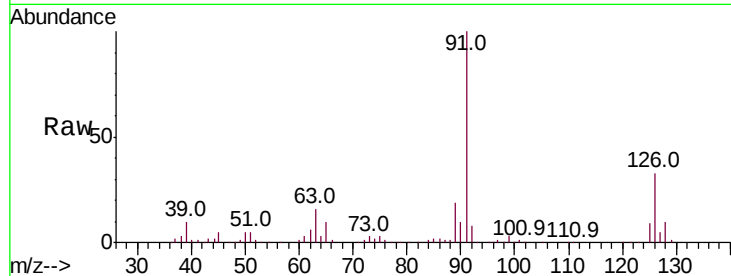
#79
2-Chlorotoluene
Concen: 19.798 ug/l
RT: 11.42 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion: 91 Resp: 120763
Ion Ratio Lower Upper
91 100
126 32.3 16.3 48.9

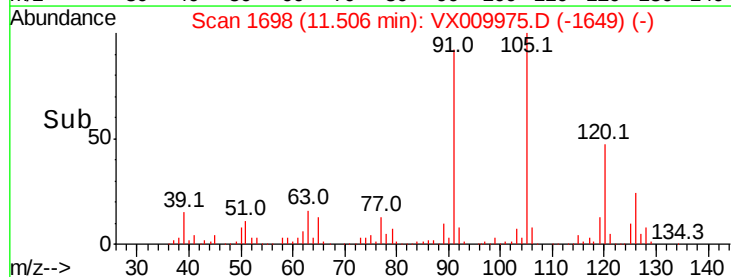
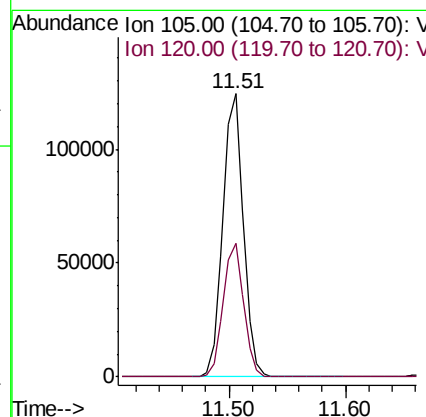
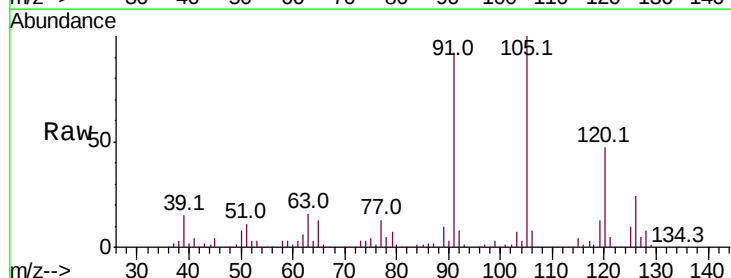
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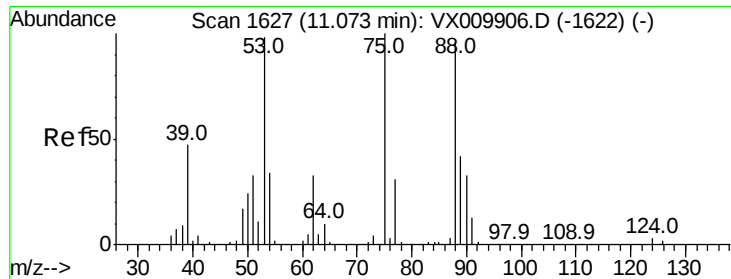
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 20.588 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion:105 Resp: 150225
Ion Ratio Lower Upper
105 100
120 47.3 24.3 72.9





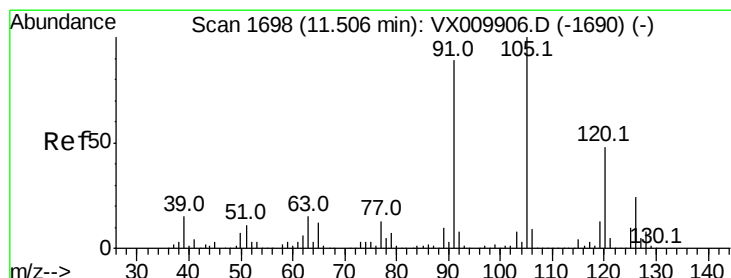
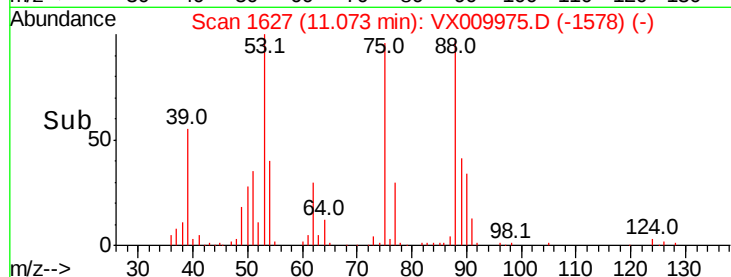
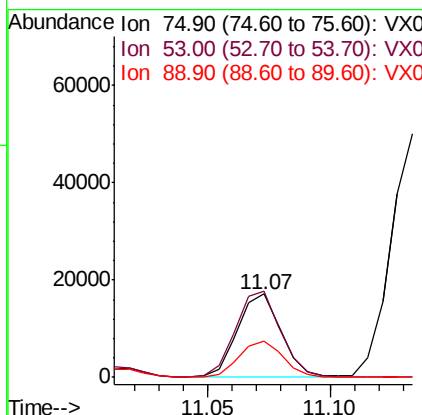
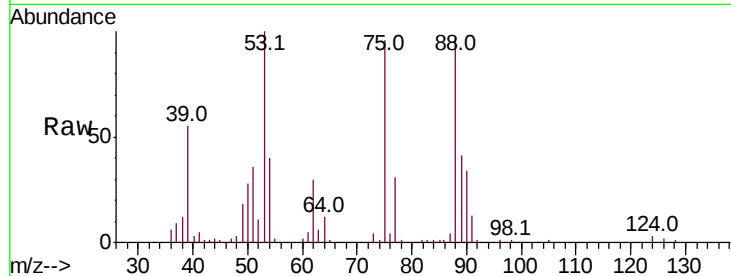
#81
trans-1,4-Dichloro-2-butene
Concen: 18.698 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion: 75 Resp: 21215
Ion Ratio Lower Upper
75 100
53 106.5 79.0 118.6
89 44.8 34.7 52.1

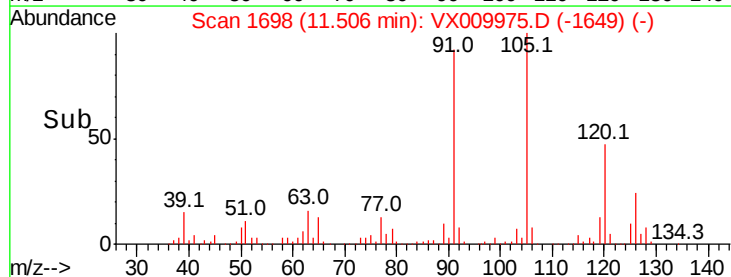
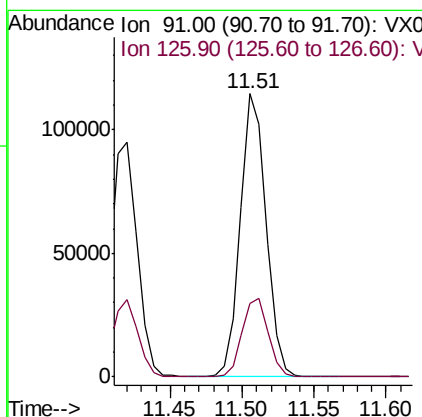
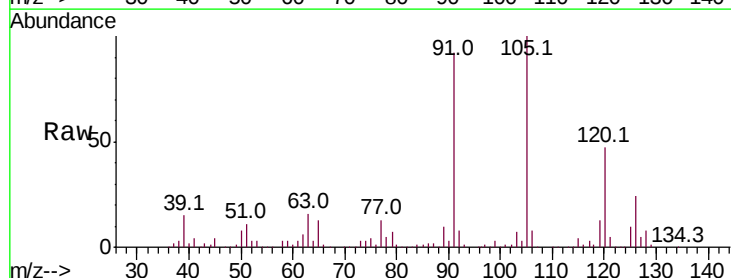
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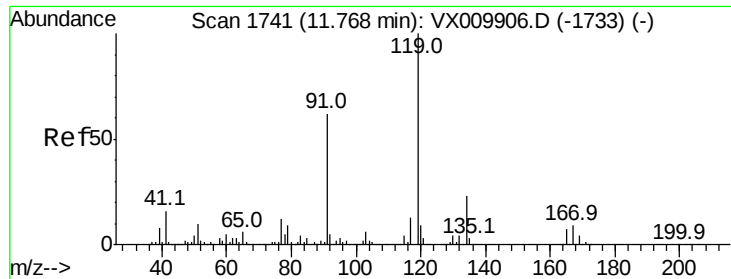
MMDadoda
6/3/2019 9:47:19 AM



#82
4-Chlorotoluene
Concen: 20.045 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion: 91 Resp: 142332
Ion Ratio Lower Upper
91 100
126 28.2 14.5 43.6





#83

tert-Butylbenzene

Concen: 20.217 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

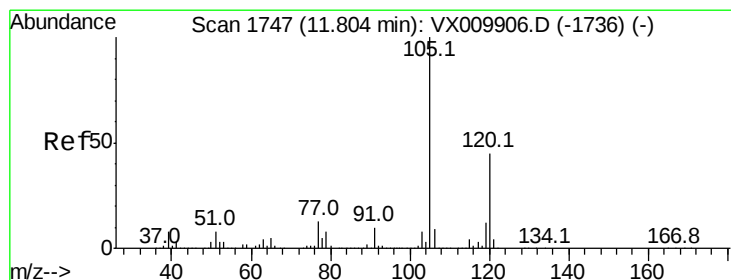
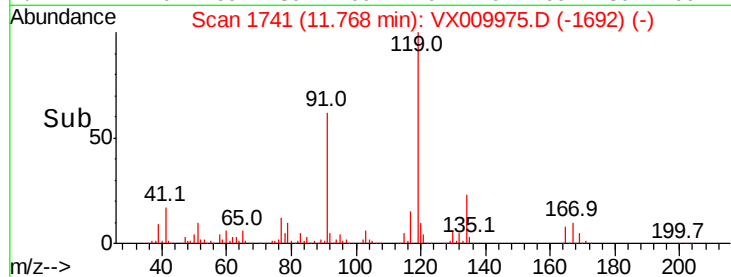
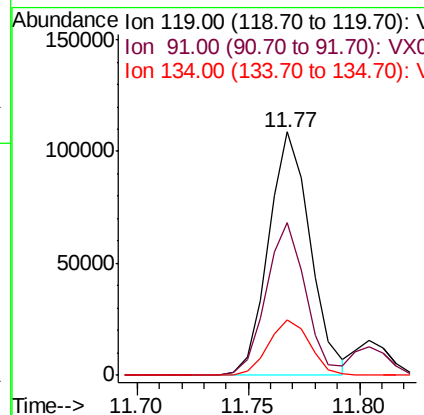
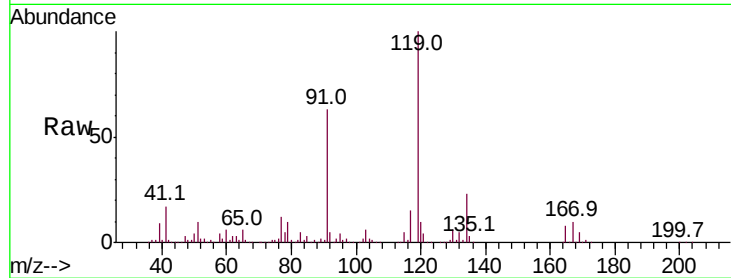
ClientSampleId :

VX0531WBS01

Tot Ion:	119	Resp:	141134
Ion Ratio	Lower	Upper	
119	100		
91	60.2	29.5	88.5
134	22.7	11.4	34.1

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 20.341 ug/l

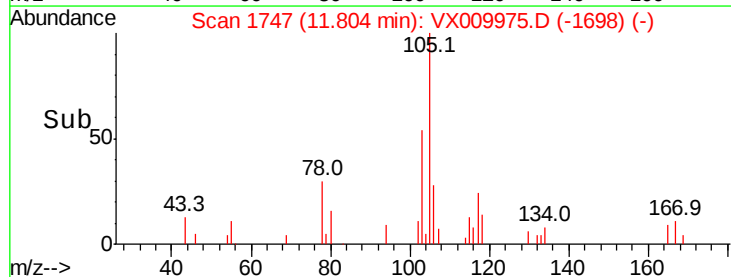
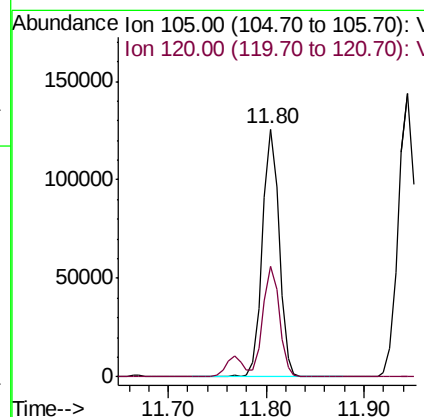
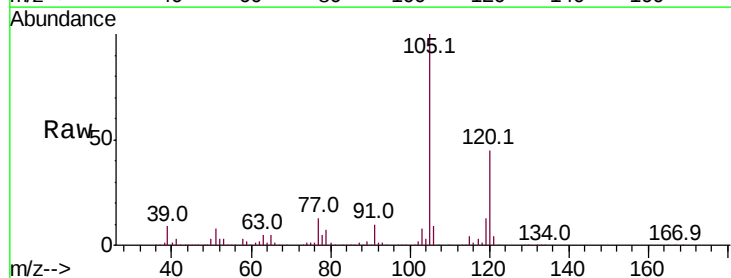
RT: 11.80 min Scan# 1747

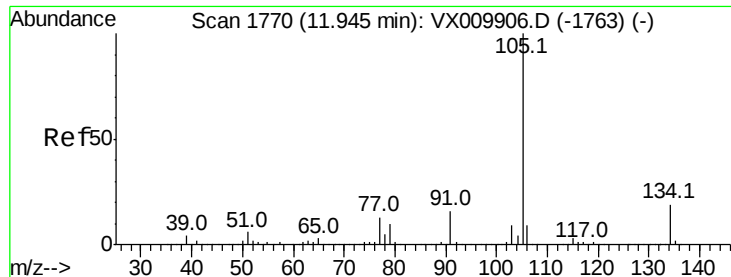
Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion:	105	Resp:	150734
Ion Ratio	Lower	Upper	
105	100		
120	44.1	22.0	66.0





#85

sec-Butylbenzene

Concen: 20.751 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

ClientSampleId :

VX0531WBS01

Tot Ion:105 Resp: 172339

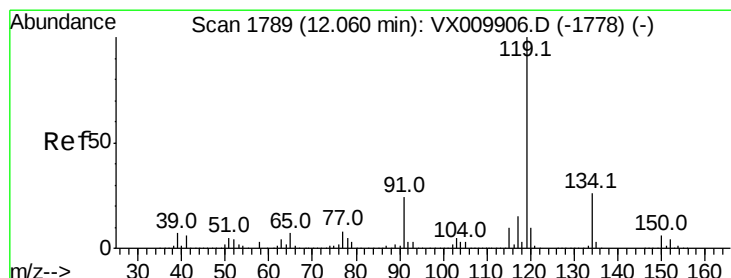
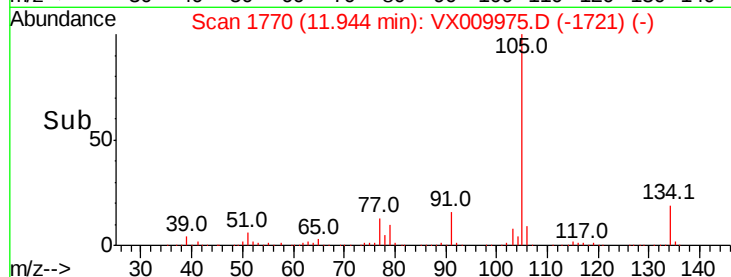
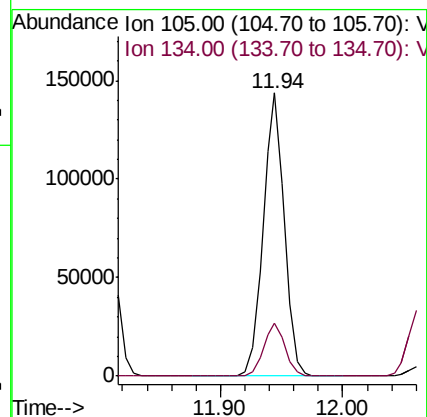
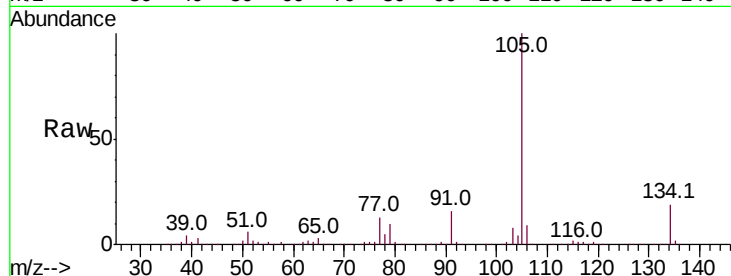
Ion Ratio Lower Upper

105 100

134 18.9 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 20.956 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

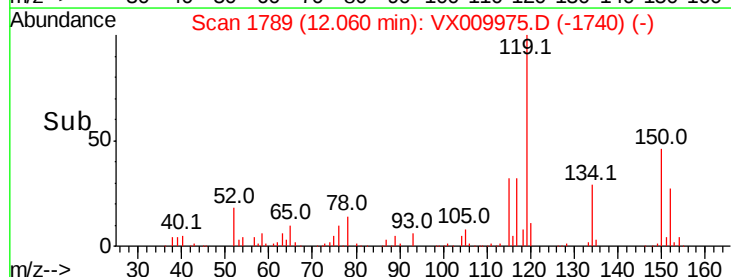
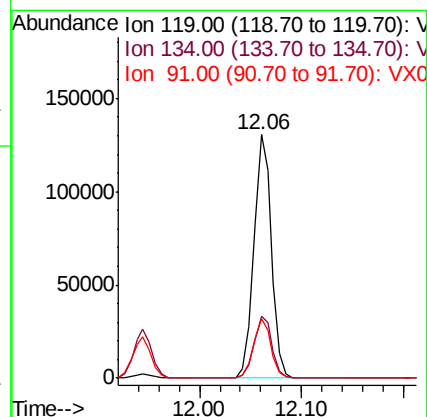
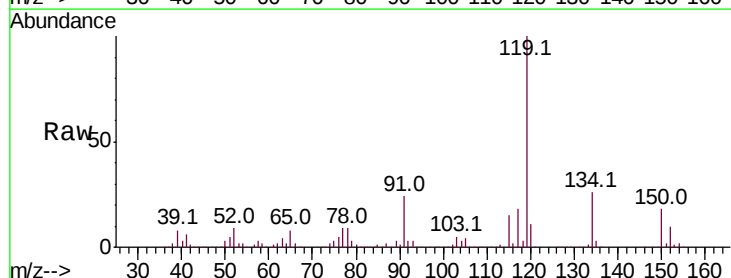
Tgt Ion:119 Resp: 156541

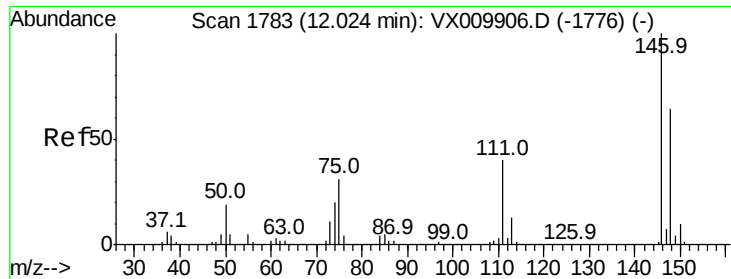
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.7

91 24.4 11.8 35.4





#87

1,3-Dichlorobenzene

Concen: 19.676 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

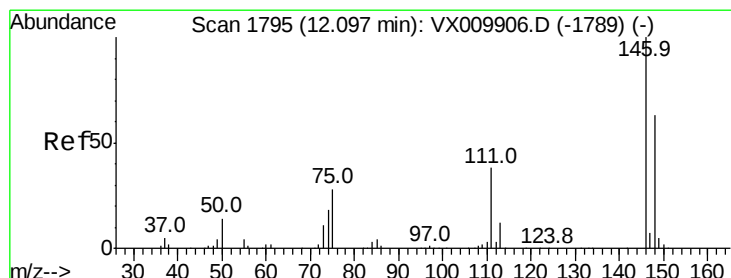
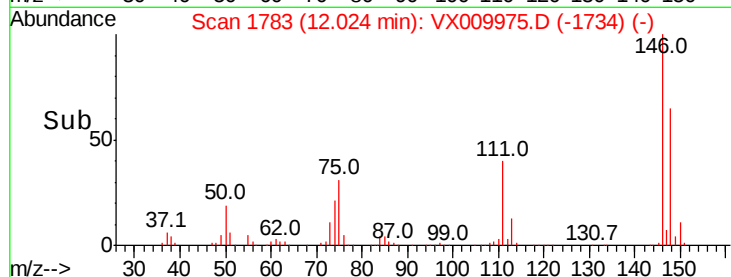
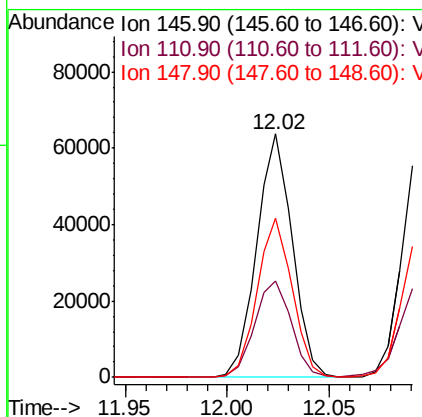
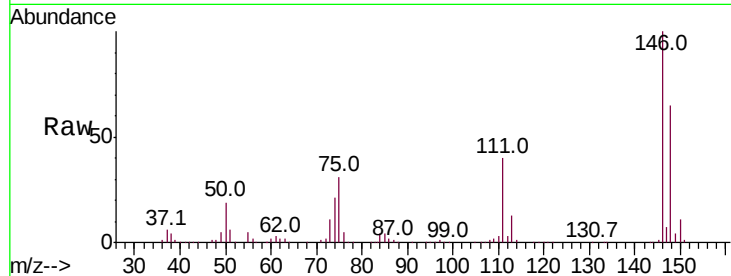
ClientSampled :

VX0531WBS01

Tot Ion:	146	Resp:	77320
Ion Ratio	Lower	Upper	
146	100		
111	40.8	20.0	59.9
148	64.4	31.8	95.3

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#88

1,4-Dichlorobenzene

Concen: 19.321 ug/l

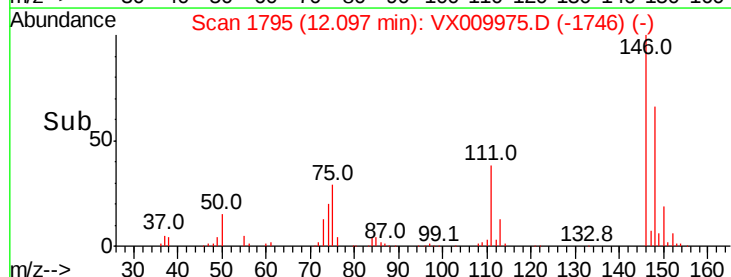
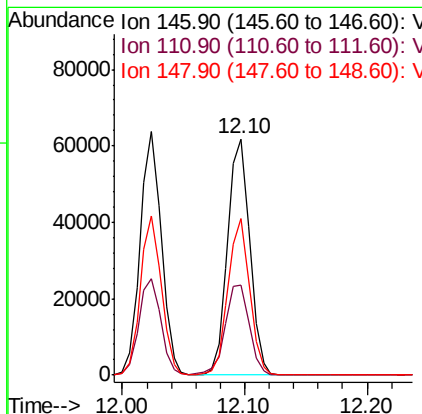
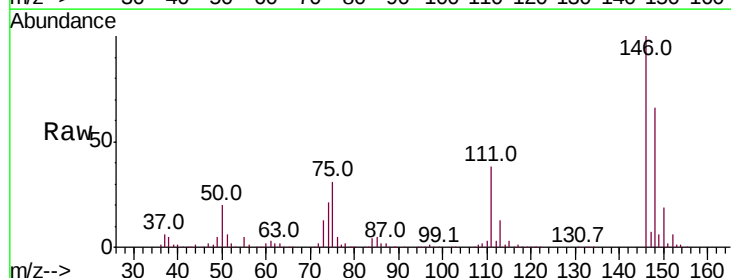
RT: 12.10 min Scan# 1795

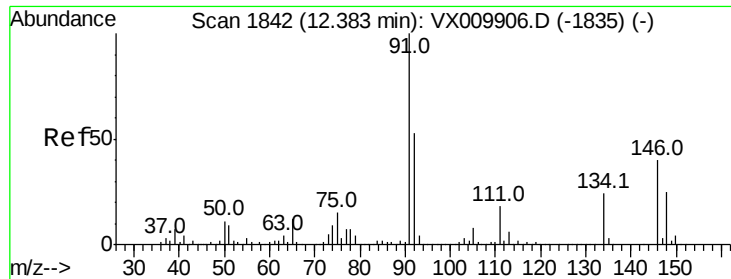
Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion:	146	Resp:	77434
Ion Ratio	Lower	Upper	
146	100		
111	41.8	19.6	58.8
148	64.6	31.8	95.3





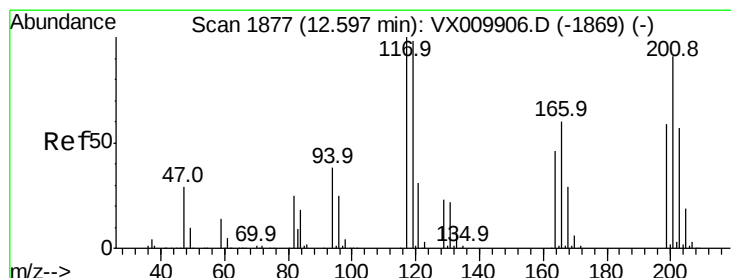
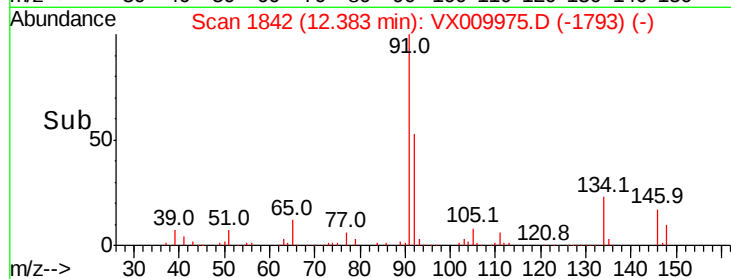
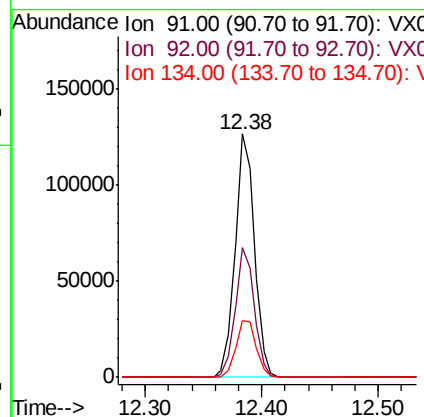
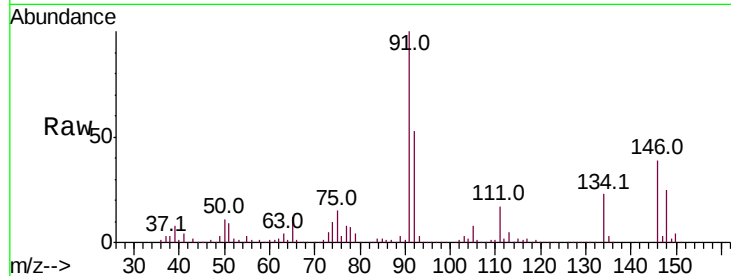
#89
n-Butylbenzene
Concen: 20.847 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.7	26.5	79.5
134	24.5	12.4	37.2

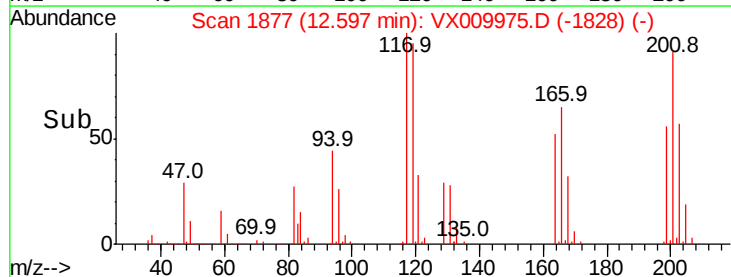
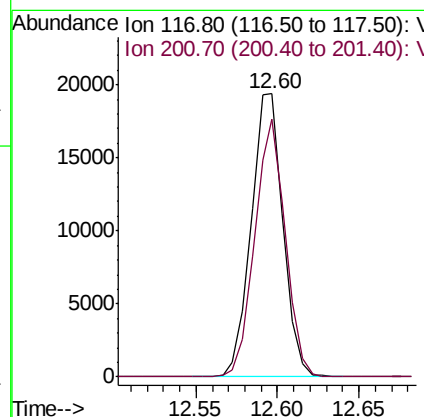
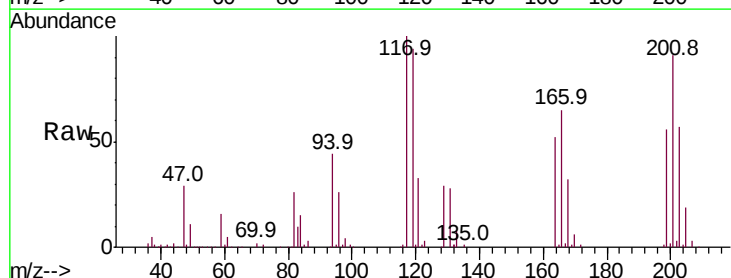
Manual Integrations
APPROVED

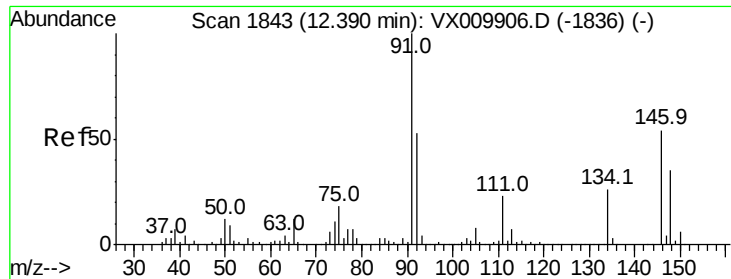
MMDadoda
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#90
Hexachloroethane
Concen: 20.578 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
117	100		
201	86.8	42.3	126.9





#91

1,2-Dichlorobenzene

Concen: 19.931 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Instrument :

MSVOA_X

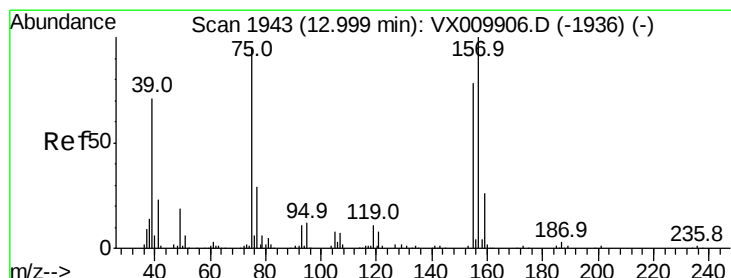
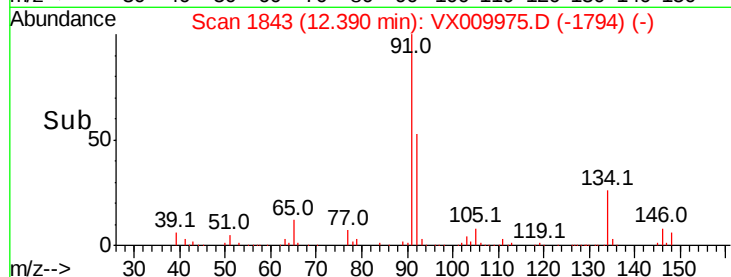
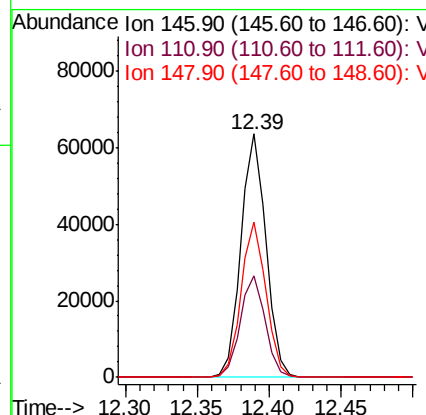
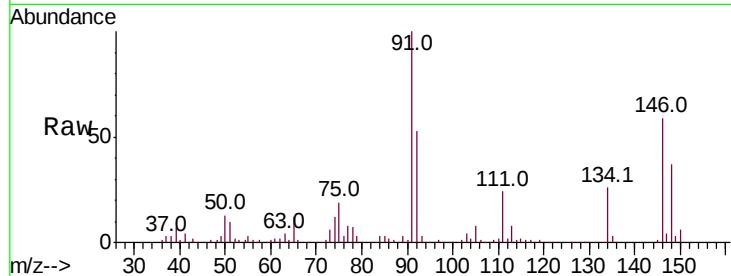
ClientSampleId :

VX0531WBS01

Tot Ion:	146	Resp:	77219
Ion Ratio	Lower	Upper	
146	100		
111	41.5	20.8	62.4
148	63.6	31.9	95.9

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#92

1,2-Dibromo-3-Chloropropane

Concen: 19.494 ug/l

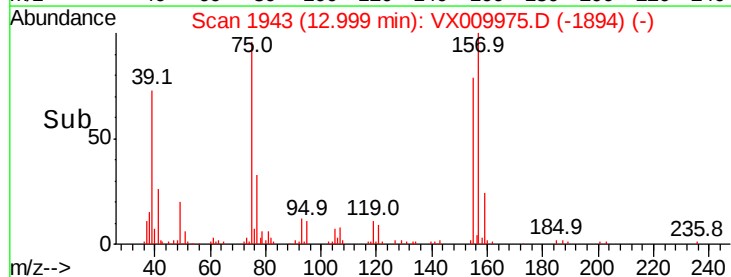
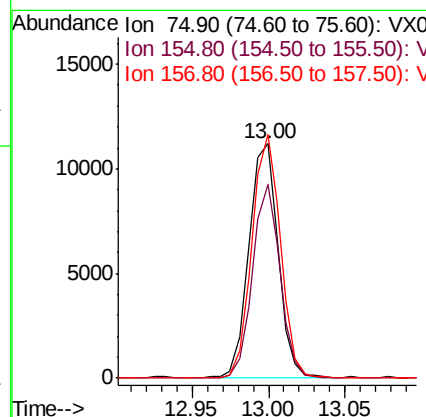
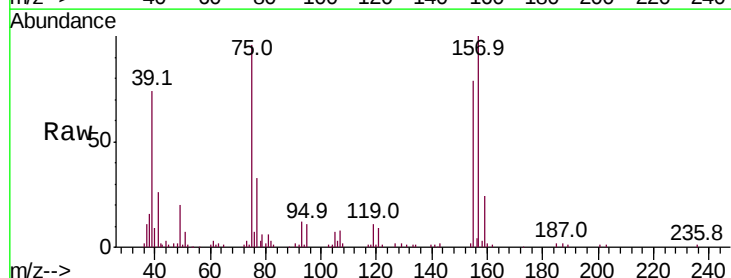
RT: 13.00 min Scan# 1943

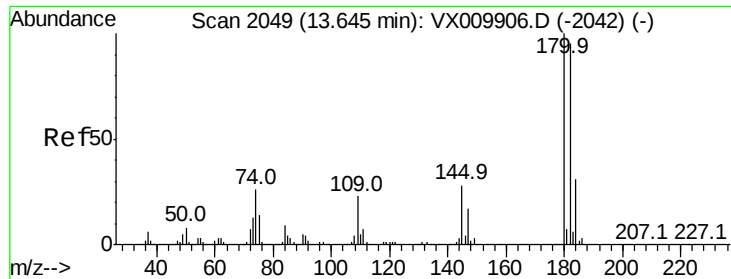
Delta R.T. -0.00 min

Lab File: VX009975.D

Acq: 31 May 2019 10:51

Tgt Ion:	75	Resp:	14827
Ion Ratio	Lower	Upper	
75	100		
155	78.0	42.0	126.0
157	100.9	53.2	159.6





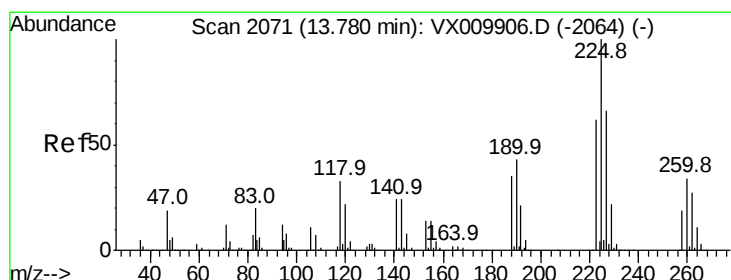
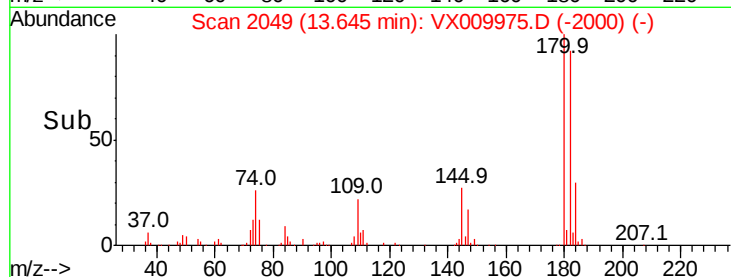
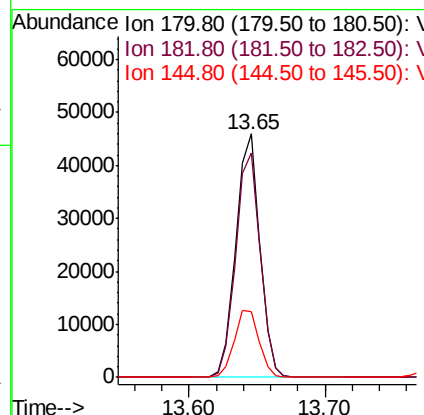
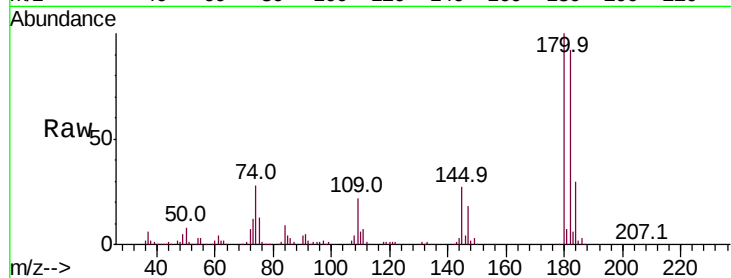
#93
 1,2,4-Trichlorobenzene
 Concen: 20.368 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0531WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	56393		
182	94.6		48.4	145.2
145	28.4		14.6	43.8

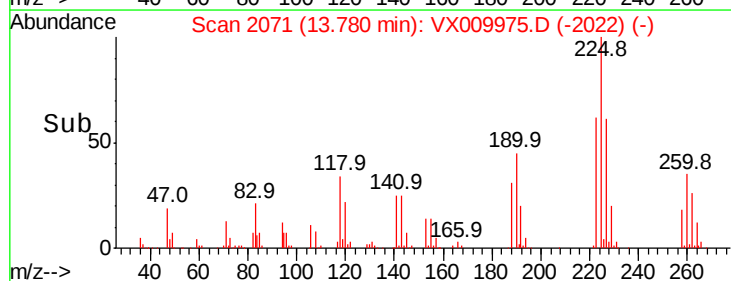
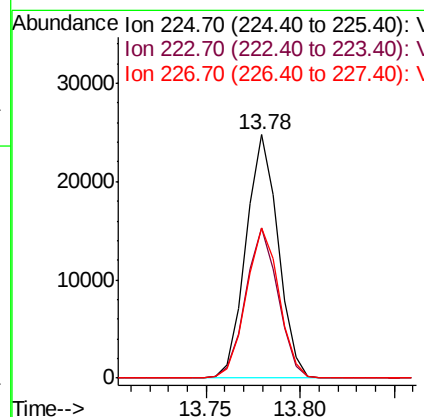
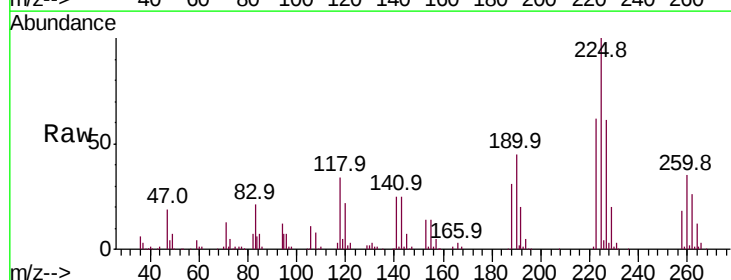
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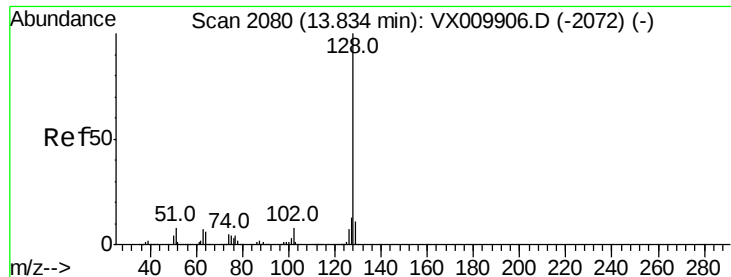
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#94
 Hexachlorobutadiene
 Concen: 21.093 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009975.D
 Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29292		
223	62.0		31.3	93.8
227	63.1		31.8	95.3





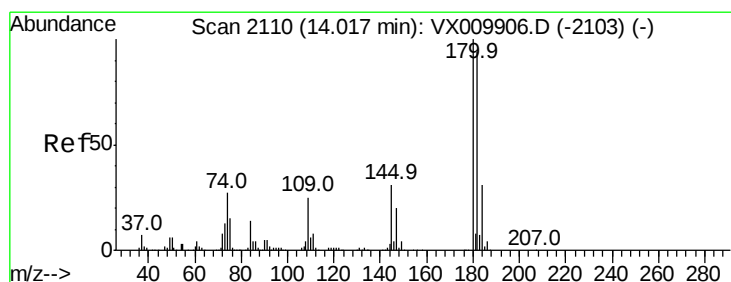
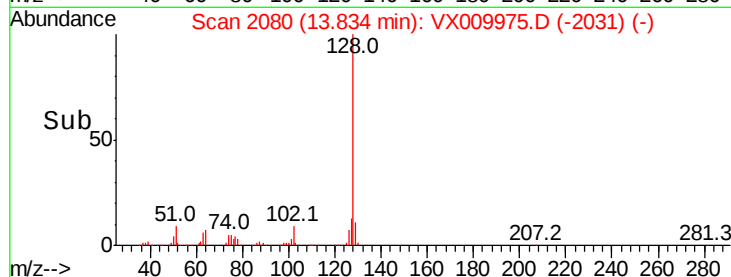
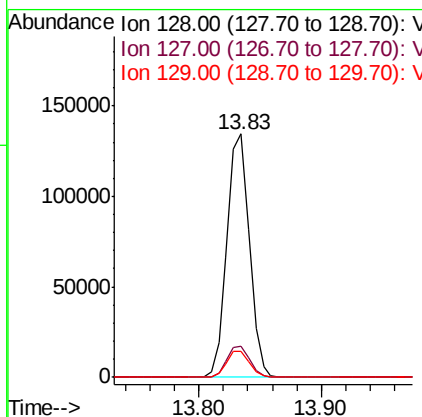
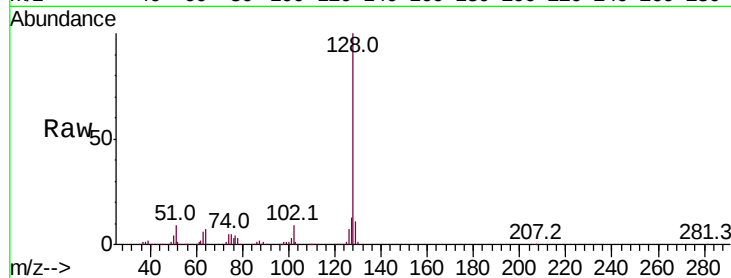
#95
Naphthalene
Concen: 19.781 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Instrument :
MSVOA_X
ClientSampleId :
VX0531WBS01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 19.935 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX009975.D
Acq: 31 May 2019 10:51

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.3	47.8	143.4
145	31.2	15.4	46.4

