

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX052919\
 Data File : VX009930.D
 Acq On : 29 May 2019 11:22
 Operator : JC/SP
 Sample : VX0529WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Manual Integrations
 APPROVED

MMDadoda
 5/30/2019 9:54:23 AM

Quant Time: May 30 01:31:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	171408	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	270385	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	241871	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	121662	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	117041	48.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.68%	
35) Dibromofluoromethane	5.49	113	82690	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
50) Toluene-d8	8.71	98	340160	49.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.56%	
62) 4-Bromofluorobenzene	11.13	95	121904	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	47585	22.718	ug/l	98
3) Chloromethane	1.33	50	57861	20.548	ug/l	99
4) Vinyl Chloride	1.41	62	52012	20.490	ug/l	98
5) Bromomethane	1.64	94	29431	19.136	ug/l	99
6) Chloroethane	1.72	64	29809	19.076	ug/l	96
7) Trichlorofluoromethane	1.93	101	57214	20.397	ug/l	98
8) Diethyl Ether	2.19	74	23853	18.096	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34183	20.184	ug/l	98
10) Methyl Iodide	2.51	142	38428	21.275	ug/l	98
11) Tert butyl alcohol	3.04	59	57145	95.901	ug/l	100
12) 1,1-Dichloroethene	2.37	96	33924	19.543	ug/l	94
13) Acrolein	2.29	56	33214	93.097	ug/l	100
14) Allyl chloride	2.73	41	83489	19.788	ug/l	99
15) Acrylonitrile	3.14	53	135917	94.666	ug/l	99
16) Acetone	2.44	43	140578	100.487	ug/l	98
17) Carbon Disulfide	2.57	76	103617	19.946	ug/l	98
18) Methyl Acetate	2.77	43	61908	19.018	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	126034	19.231	ug/l	100
20) Methylene Chloride	2.85	84	40834	19.061	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	36998	19.155	ug/l	100
22) Diisopropyl ether	3.85	45	160460	19.988	ug/l	90
23) Vinyl Acetate	3.81	43	719421	99.758	ug/l	98
24) 1,1-Dichloroethane	3.70	63	76725	19.722	ug/l	99
25) 2-Butanone	4.67	43	212759	97.615	ug/l	99
26) 2,2-Dichloropropane	4.58	77	58640	19.926	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	41631	18.672	ug/l	99
28) Bromochloromethane	5.01	49	36656	18.157	ug/l	99
29) Tetrahydrofuran	5.13	42	135881	97.220	ug/l	99
30) Chloroform	5.21	83	68527	19.531	ug/l	97
31) Cyclohexane	5.58	56	78403	21.278	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	58043	20.313	ug/l	100
36) 1,1-Dichloropropene	5.80	75	53844	19.627	ug/l	99
37) Ethyl Acetate	4.83	43	76674	20.058	ug/l	98
38) Carbon Tetrachloride	5.78	117	48583	20.494	ug/l	98

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 Misc : 5.0mL/MSVOA X/WATER
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Manual Integrations
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Quant Time: May 30 01:31:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 04:00:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	69066	21.224	ug/l	97
40) Benzene	6.14	78	164109	20.166	ug/l	98
41) Methacrylonitrile	5.04	41	42058	18.829	ug/l	96
42) 1,2-Dichloroethane	6.19	62	59689	19.839	ug/l	99
43) Isopropyl Acetate	6.44	43	118769	19.256	ug/l	99
44) Trichloroethene	7.21	130	39757	20.112	ug/l	94
45) 1,2-Dichloropropane	7.51	63	46742	19.952	ug/l	98
46) Dibromomethane	7.66	93	26341	19.102	ug/l	99
47) Bromodichloromethane	7.90	83	52784	20.129	ug/l	98
48) Methyl methacrylate	7.77	41	59824	19.593	ug/l	99
49) 1,4-Dioxane	7.74	88	23348	411.098	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	383140	95.492	ug/l	100
52) Toluene	8.78	92	98408	19.916	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	59907	19.049	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	68131	19.884	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	39110	19.666	ug/l	98
56) Ethyl methacrylate	9.18	69	69043	19.500	ug/l	100
57) 1,3-Dichloropropane	9.37	76	68308	19.126	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	176460	95.045	ug/l	99
59) 2-Hexanone	9.49	43	302171	97.820	ug/l	99
60) Dibromochloromethane	9.58	129	38253	19.554	ug/l	99
61) 1,2-Dibromoethane	9.67	107	39898	19.528	ug/l	100
64) Tetrachloroethene	9.34	164	35688	21.124	ug/l	98
65) Chlorobenzene	10.13	112	101088	19.964	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	36148	20.582	ug/l	99
67) Ethyl Benzene	10.25	91	187810	20.657	ug/l	99
68) m/p-Xylenes	10.35	106	138035	41.096	ug/l	99
69) o-Xylene	10.69	106	67265	20.882	ug/l	97
70) Styrene	10.71	104	116030	20.542	ug/l	99
71) Bromoform	10.85	173	28808	20.067	ug/l #	98
73) Isopropylbenzene	11.02	105	180254	20.081	ug/l	100
74) N-amyl acetate	10.90	43	101725	18.965	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	64662	19.309	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	56887m	19.553	ug/l	
77) Bromobenzene	11.26	156	44064	19.262	ug/l	98
78) n-propylbenzene	11.36	91	211328	20.424	ug/l	100
79) 2-Chlorotoluene	11.42	91	123937	19.605	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	153392	20.284	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	21383	18.185	ug/l	95
82) 4-Chlorotoluene	11.51	91	143165	19.454	ug/l	99
83) tert-Butylbenzene	11.77	119	146249	20.214	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	154452	20.111	ug/l	99
85) sec-Butylbenzene	11.94	105	175909	20.437	ug/l	99
86) p-Isopropyltoluene	12.06	119	161736	20.891	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	80291	19.714	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	80897	19.477	ug/l	99
89) n-Butylbenzene	12.38	91	150091	20.629	ug/l	99
90) Hexachloroethane	12.59	117	26847	20.207	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	79040	19.684	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	14726	18.681	ug/l	97

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ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

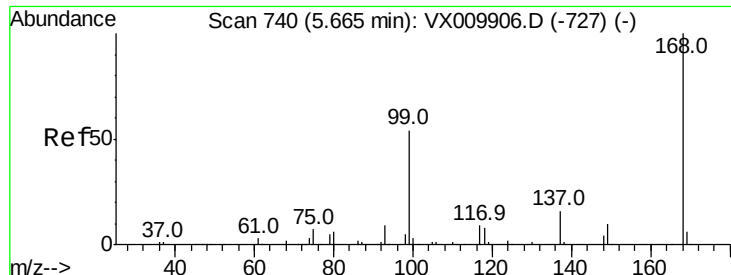
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
Quant Title : SW846 8260
QLast Update : Wed May 29 04:00:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	57518	20.045	ug/l	99
94) Hexachlorobutadiene	13.78	225	29536	20.521	ug/l	99
95) Naphthalene	13.83	128	176079	19.718	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	57278	19.941	ug/l	98

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



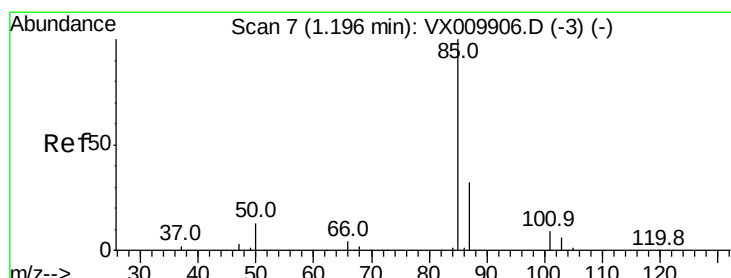
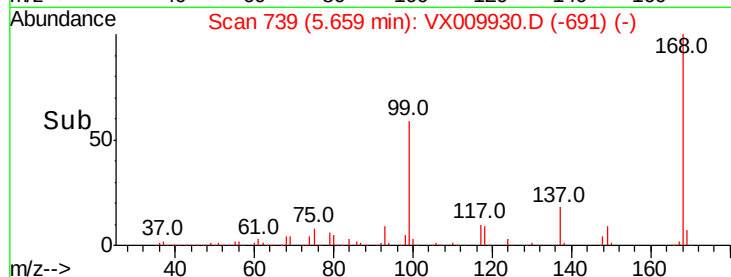
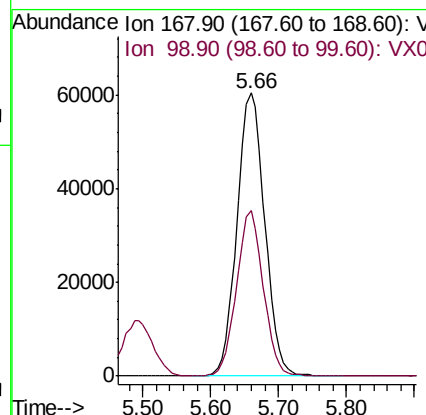
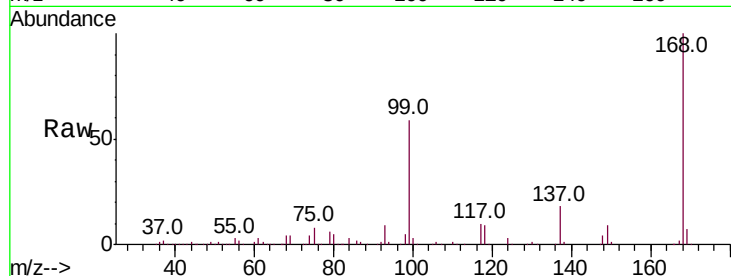
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
99	58.6	43.0	64.6	

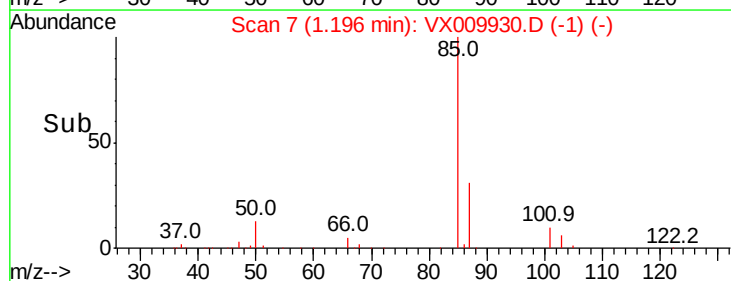
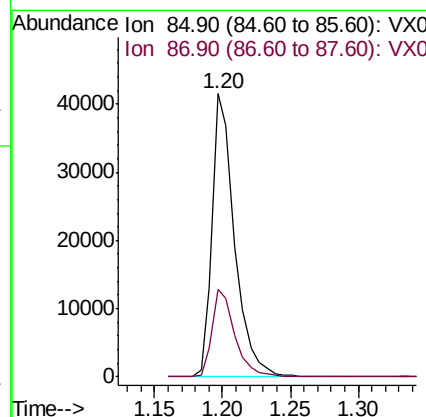
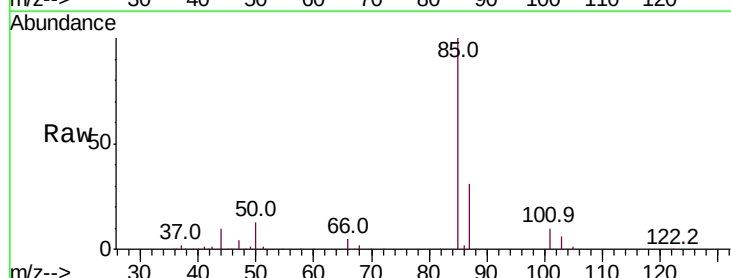
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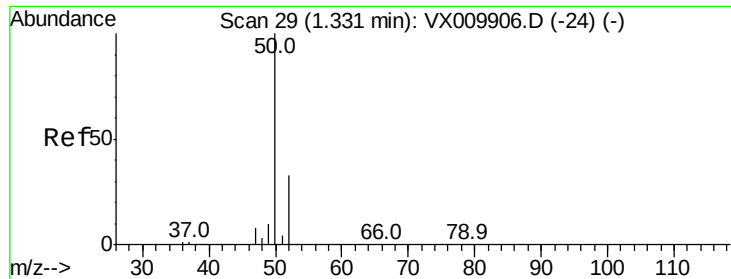
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#2
Dichlorodifluoromethane
Concen: 22.718 ug/l
RT: 1.20 min Scan# 7
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
85	100			
87	30.8	16.1	48.2	





#3

Chloromethane

Concen: 20.548 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tot Ion: 50 Resp: 57861

Ion Ratio Lower Upper

50 100

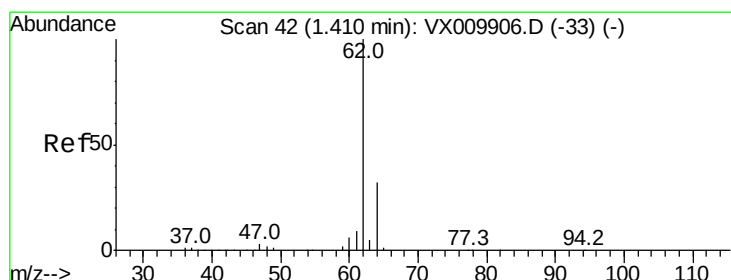
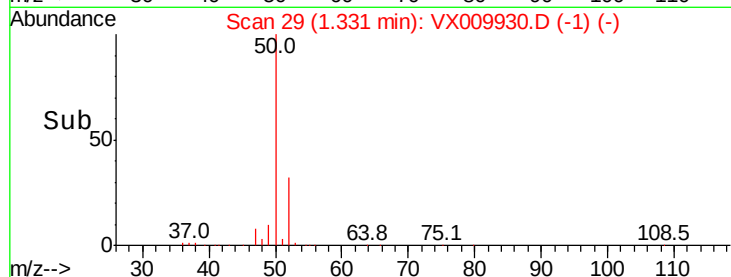
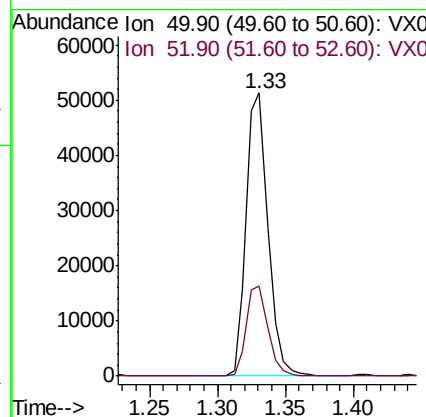
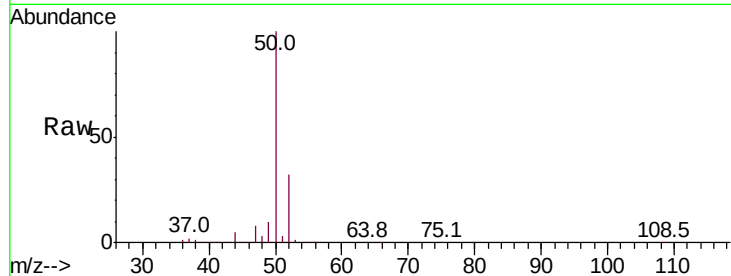
52 32.0 26.0 39.0

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#4

Vinyl Chloride

Concen: 20.490 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX009930.D

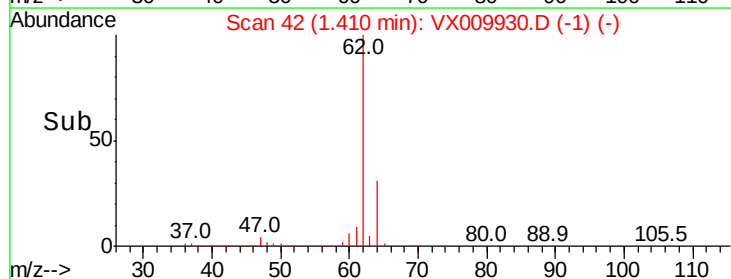
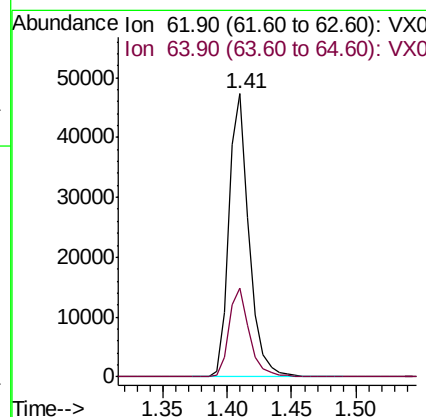
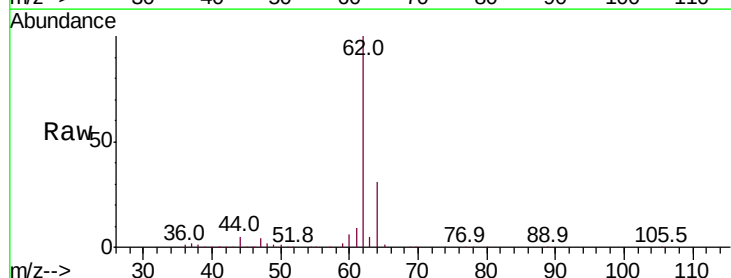
Acq: 29 May 2019 11:22

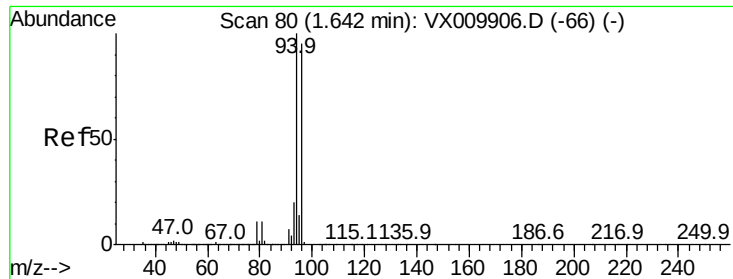
Tgt Ion: 62 Resp: 52012

Ion Ratio Lower Upper

62 100

64 31.3 25.7 38.5





#5

Bromomethane

Concen: 19.136 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tot Ion: 94 Resp: 29431

Ion Ratio Lower Upper

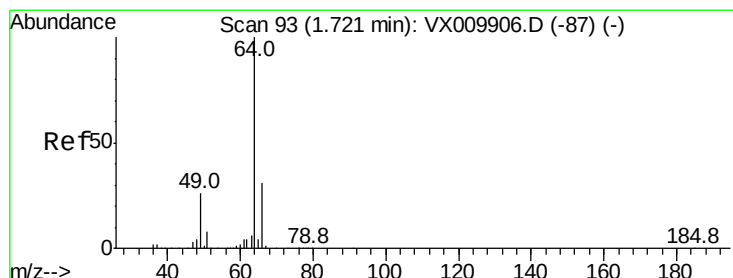
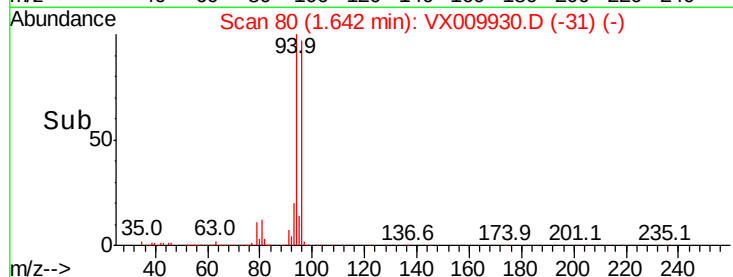
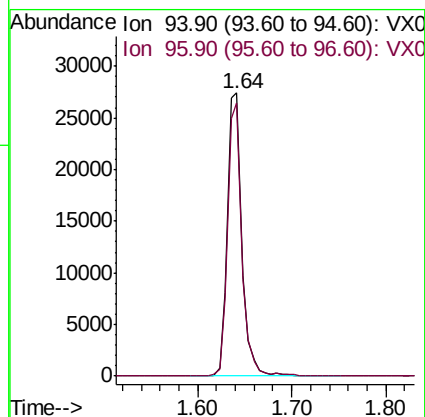
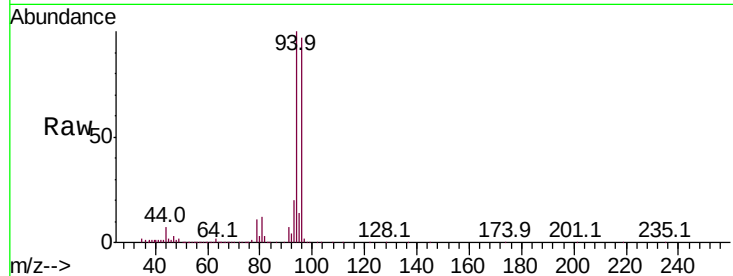
94 100

96 96.6 76.2 114.4

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#6

Chloroethane

Concen: 19.076 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX009930.D

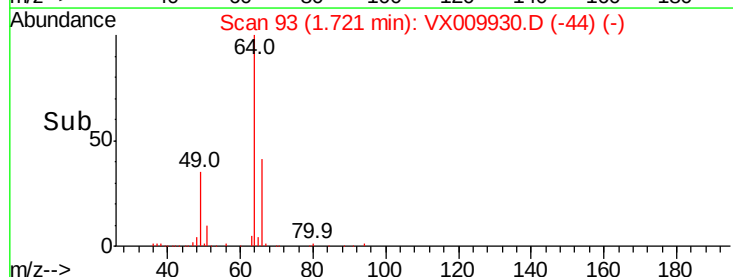
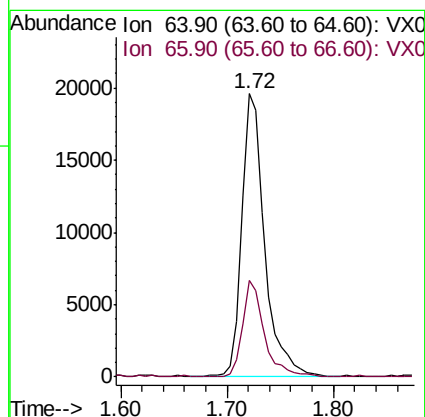
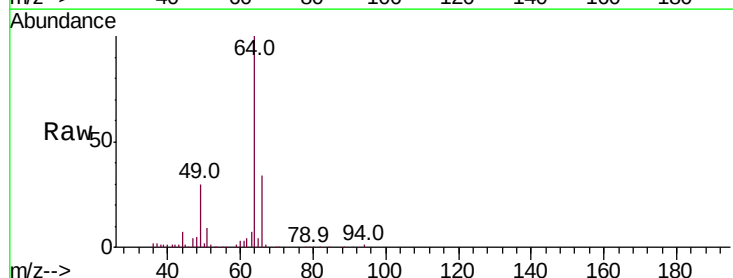
Acq: 29 May 2019 11:22

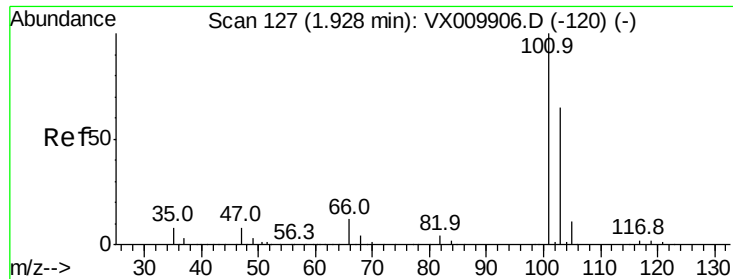
Tgt Ion: 64 Resp: 29809

Ion Ratio Lower Upper

64 100

66 33.7 25.1 37.7





#7

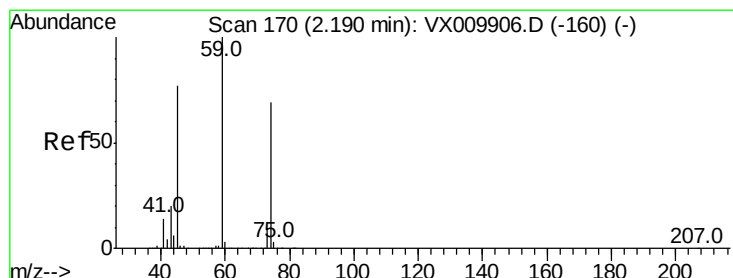
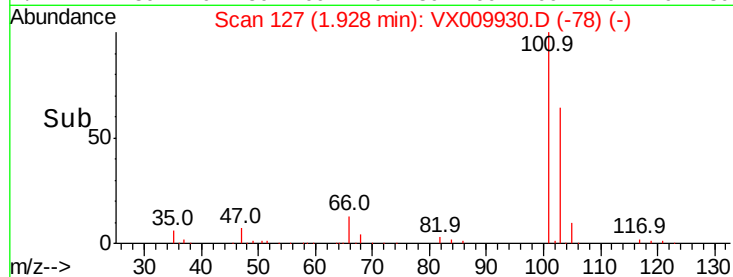
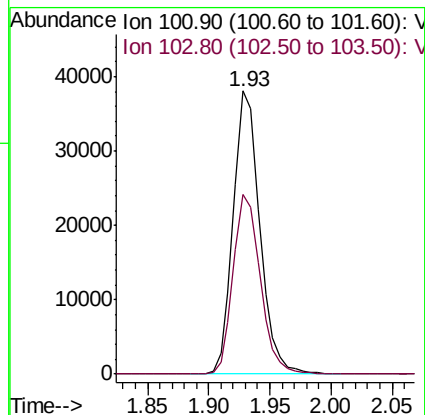
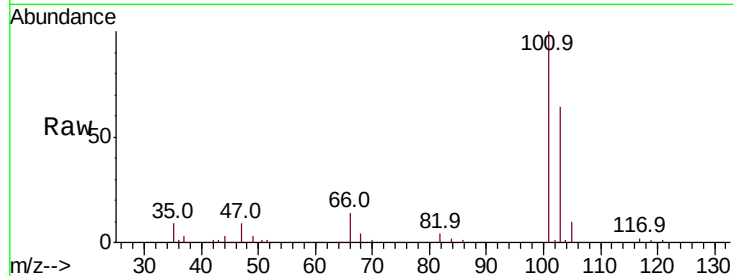
Trichlorofluoromethane
Concen: 20.397 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion:101 Resp: 57214
Ion Ratio Lower Upper
101 100
103 63.7 52.2 78.4

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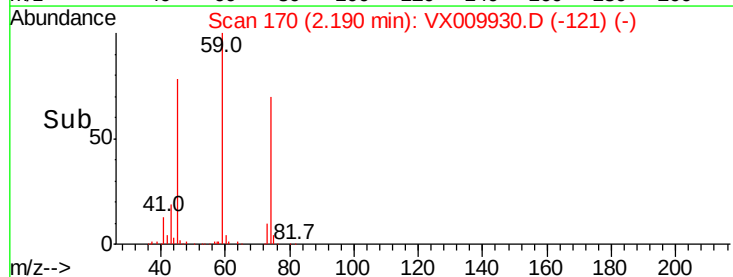
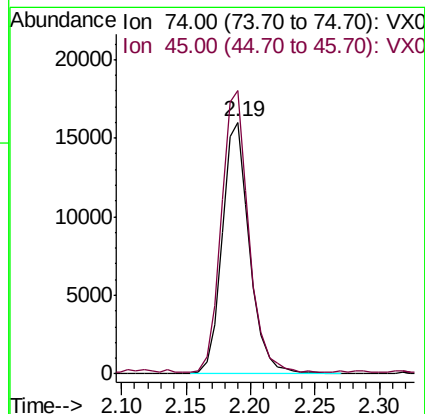
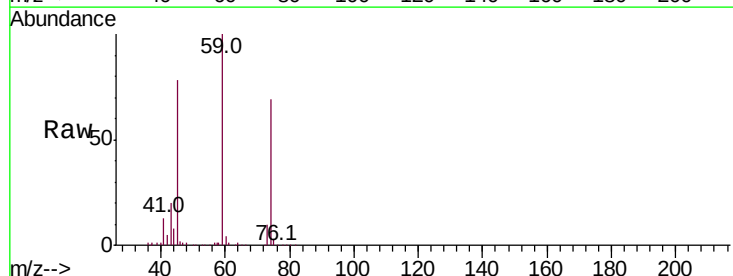
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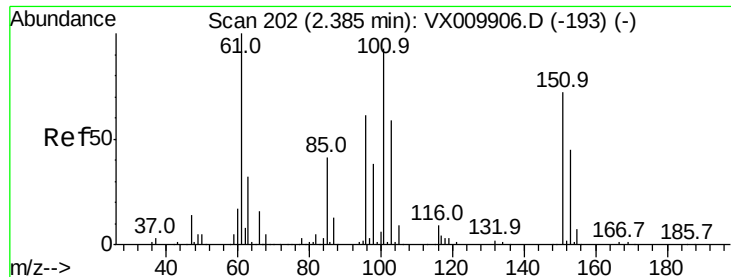


#8

Diethyl Ether
Concen: 18.096 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 74 Resp: 23853
Ion Ratio Lower Upper
74 100
45 112.0 56.1 168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.184 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

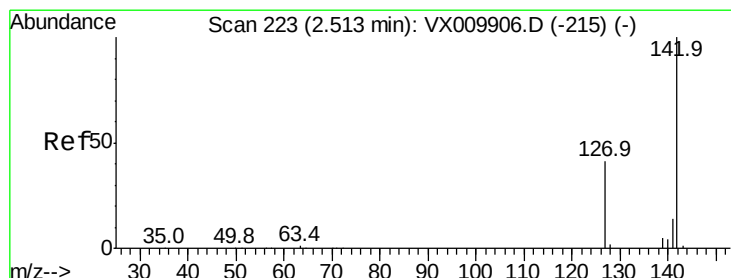
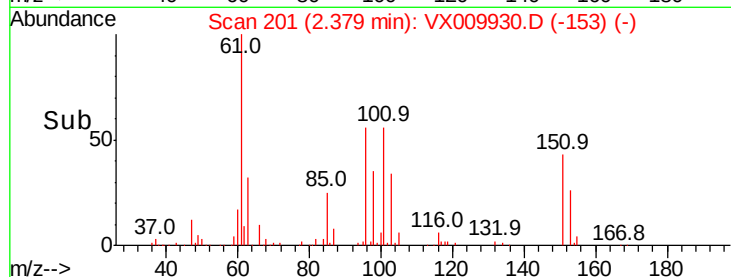
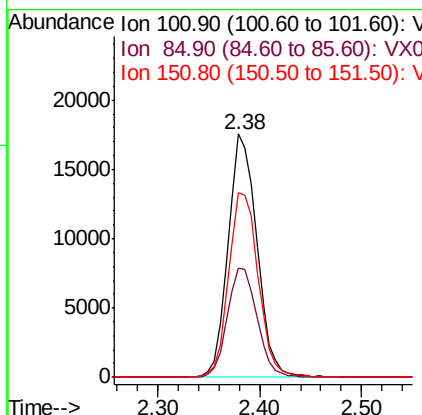
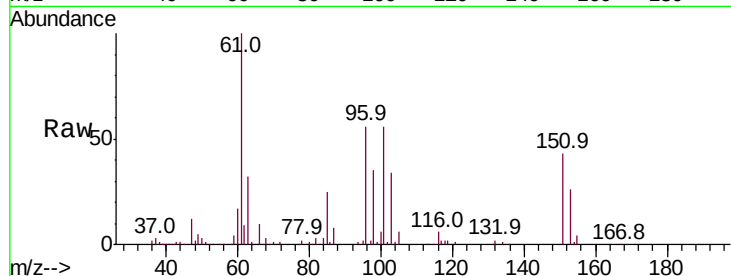
ClientSampleId :

VX0529WBS01

Tot Ion:	101	Resp:	34183
Ion Ratio	Lower	Upper	
101	100		
85	46.6	35.2	52.8
151	78.1	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 21.275 ug/l

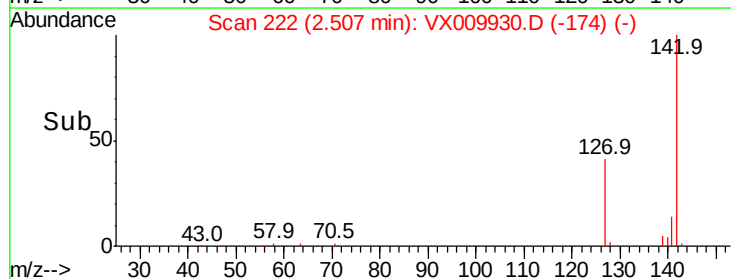
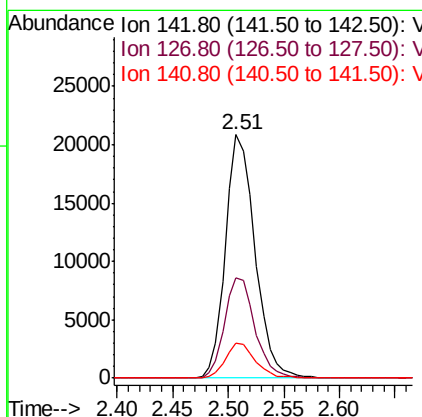
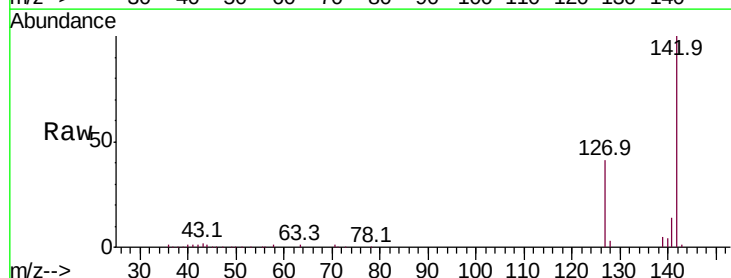
RT: 2.51 min Scan# 222

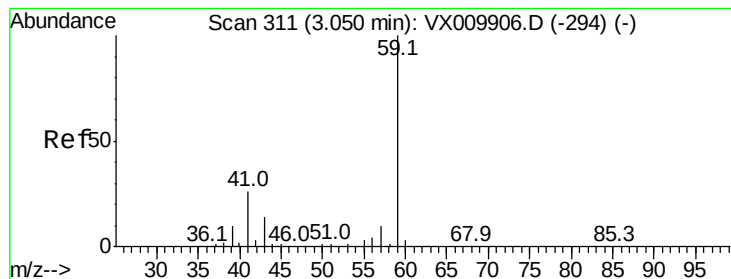
Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion:	142	Resp:	38428
Ion Ratio	Lower	Upper	
142	100		
127	42.4	33.0	49.4
141	14.4	11.4	17.0





#11

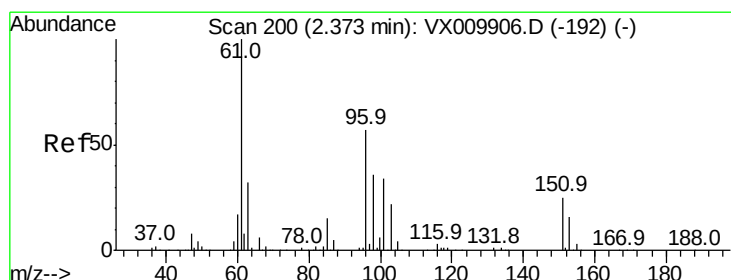
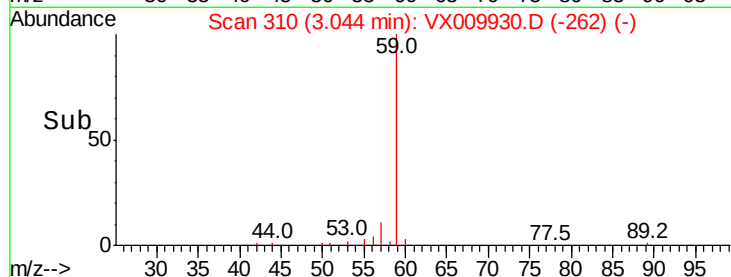
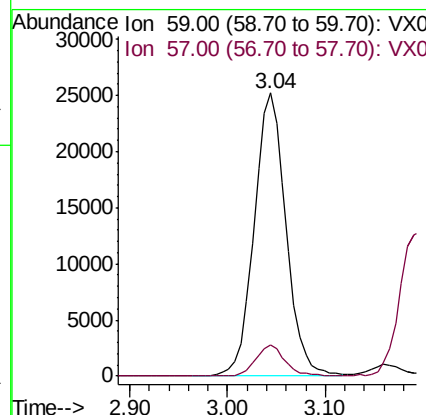
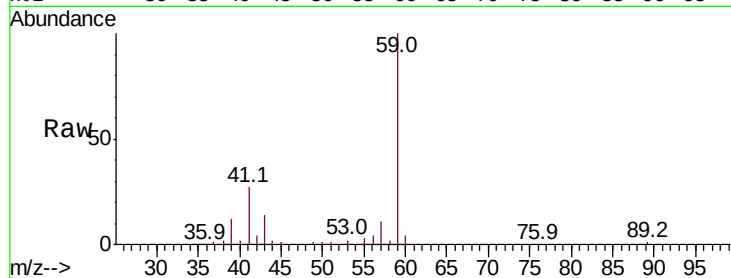
Tert butyl alcohol
 Concen: 95.901 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.2	12.2

Manual Integrations
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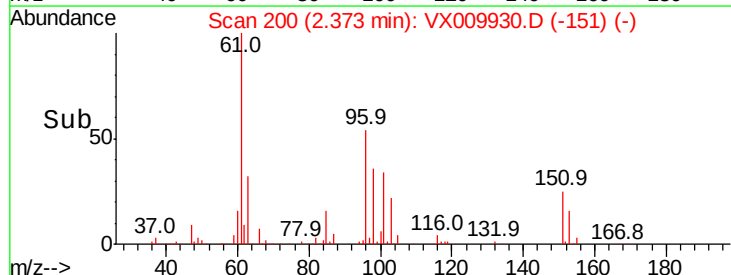
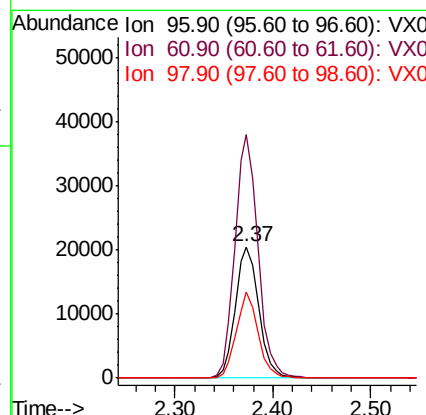
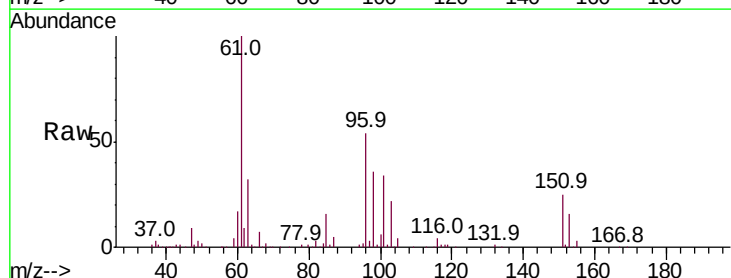
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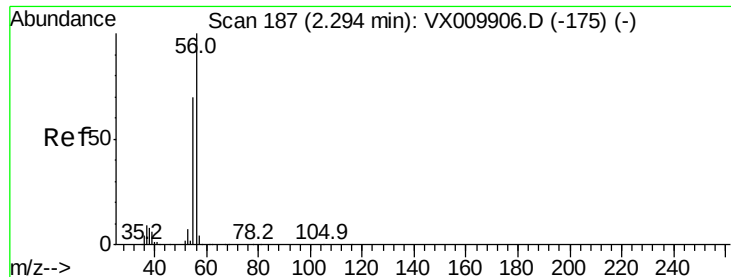


#12

1,1-Dichloroethene
 Concen: 19.543 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
96	100		
61	185.7	140.7	211.1
98	66.0	50.1	75.1





#13

Acrolein

Concen: 93.097 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tot Ion: 56 Resp: 33214

Ion Ratio Lower Upper

56 100

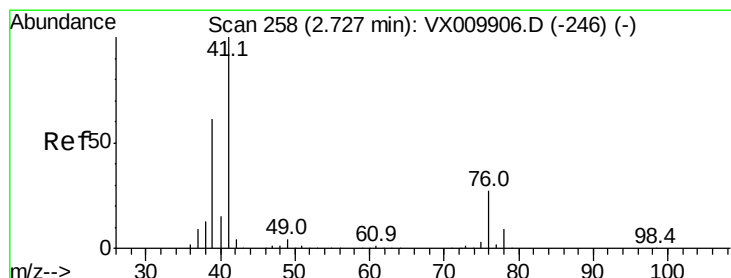
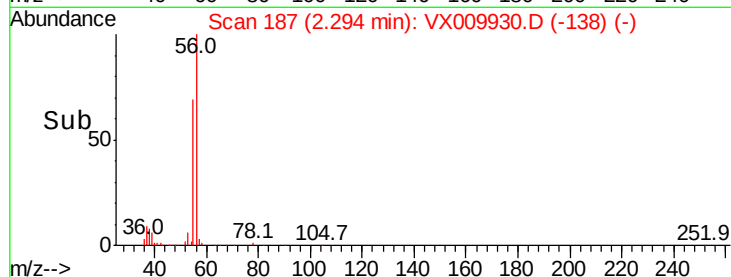
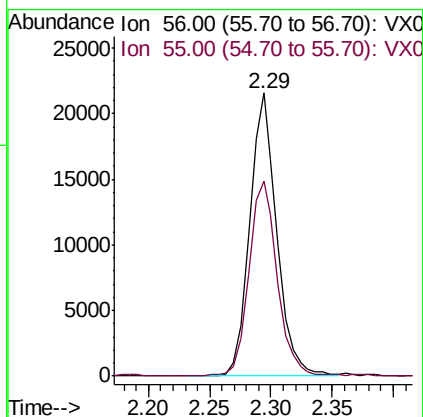
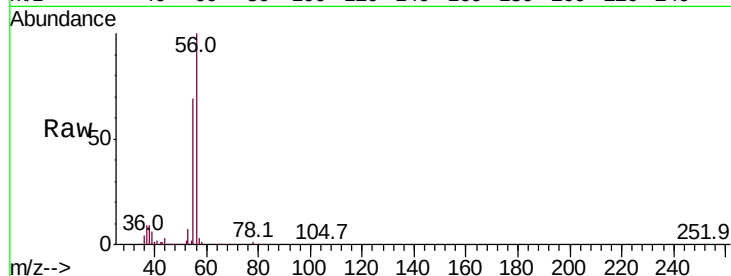
55 71.3 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 19.788 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

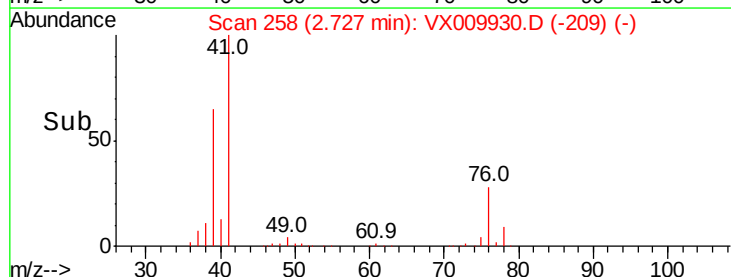
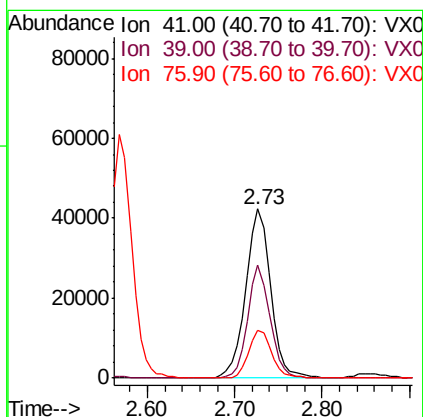
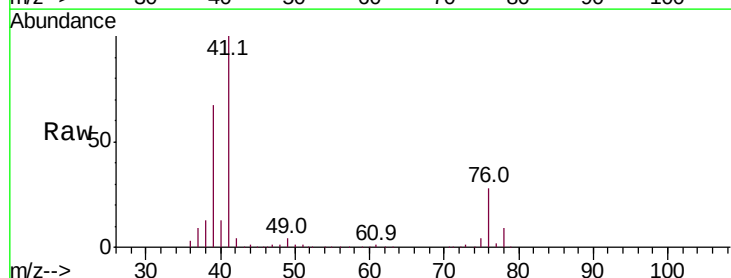
Tgt Ion: 41 Resp: 83489

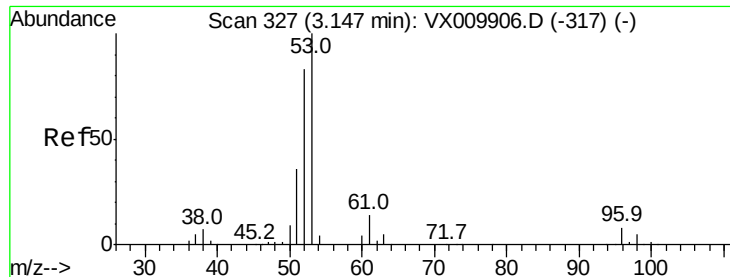
Ion Ratio Lower Upper

41 100

39 59.0 46.7 70.1

76 26.1 21.0 31.4





#15

Acrylonitrile

Concen: 94.666 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

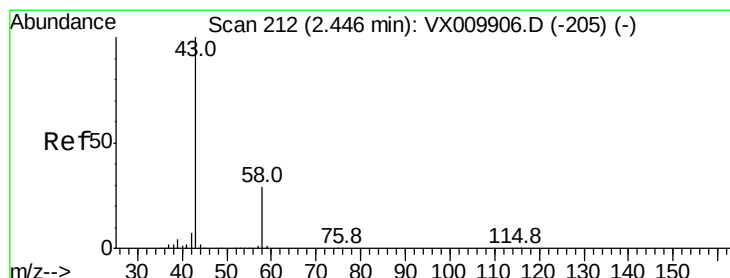
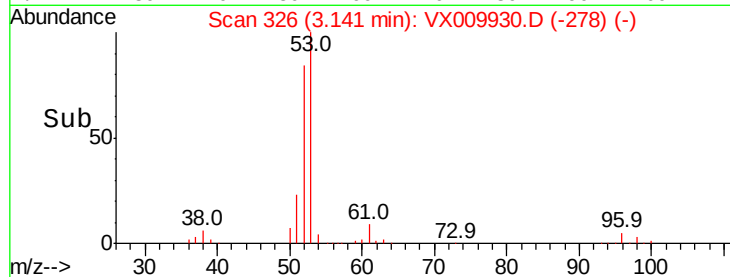
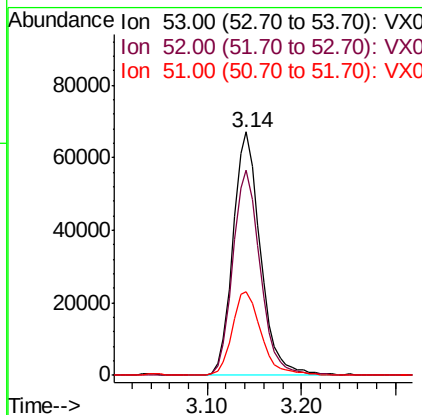
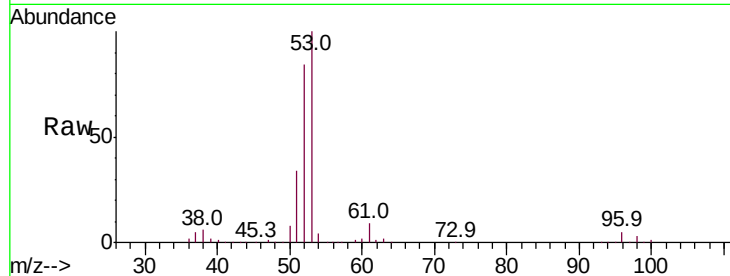
ClientSampleId :

VX0529WBS01

Tot Ion:	53	Resp:	135917
Ion Ratio	Lower	Upper	
53	100		
52	85.0	66.7	100.1
51	36.1	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 100.487 ug/l

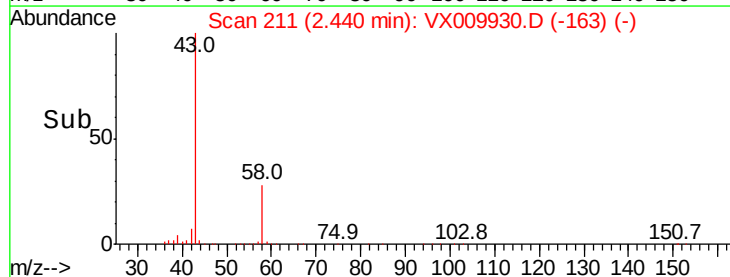
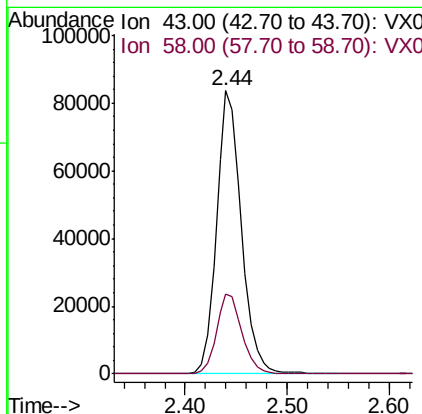
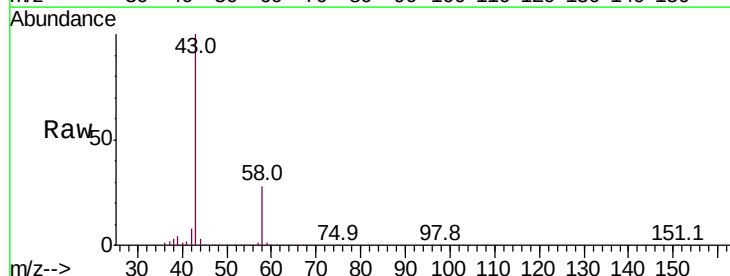
RT: 2.44 min Scan# 211

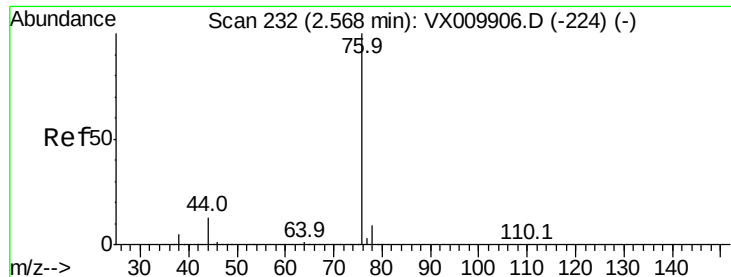
Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion:	43	Resp:	140578
Ion Ratio	Lower	Upper	
43	100		
58	28.0	23.2	34.8





#17

Carbon Disulfide

Concen: 19.946 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tot Ion: 76 Resp: 103617

Ion Ratio Lower Upper

76 100

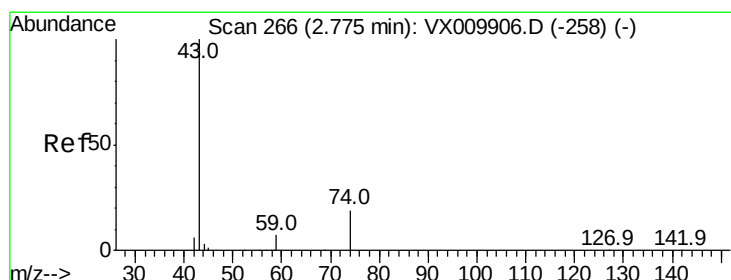
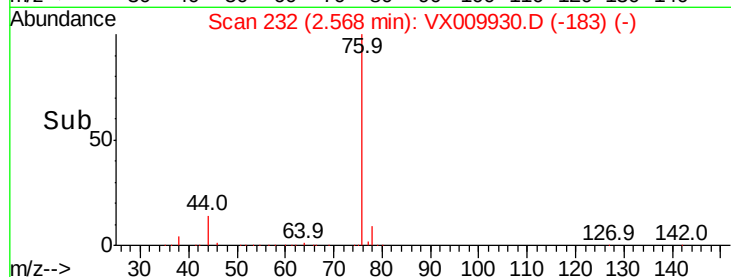
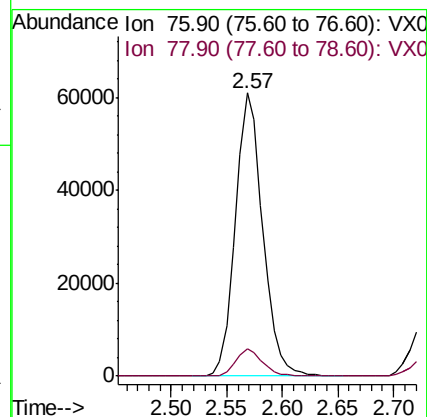
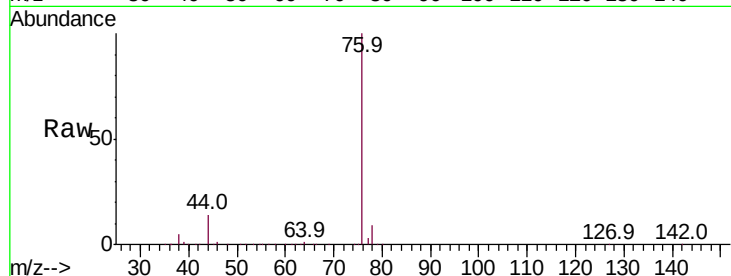
78 9.5 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 19.018 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009930.D

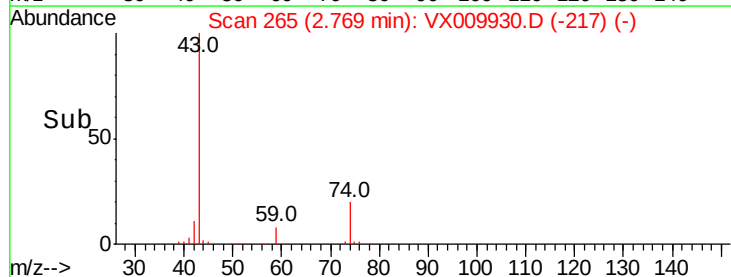
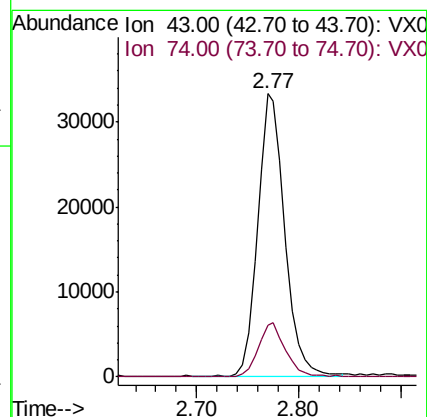
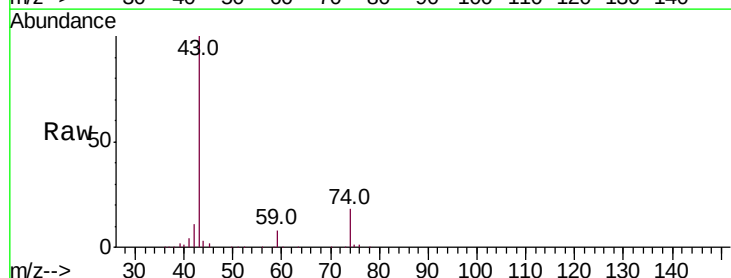
Acq: 29 May 2019 11:22

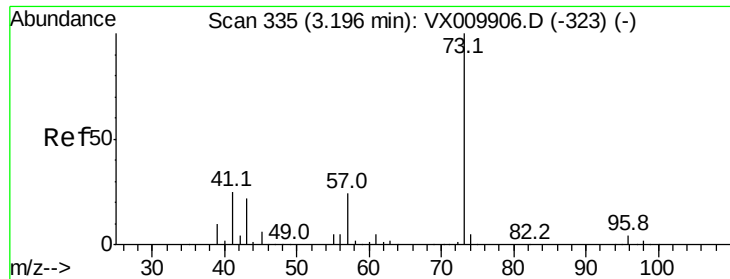
Tgt Ion: 43 Resp: 61908

Ion Ratio Lower Upper

43 100

74 19.4 15.8 23.6





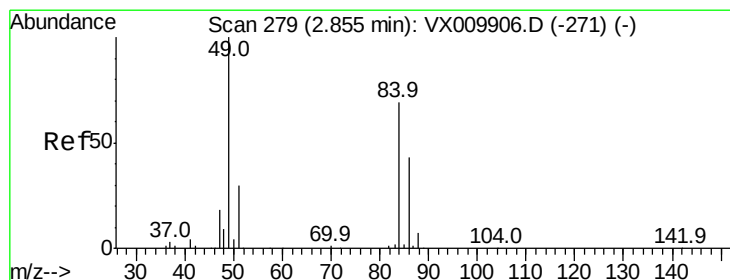
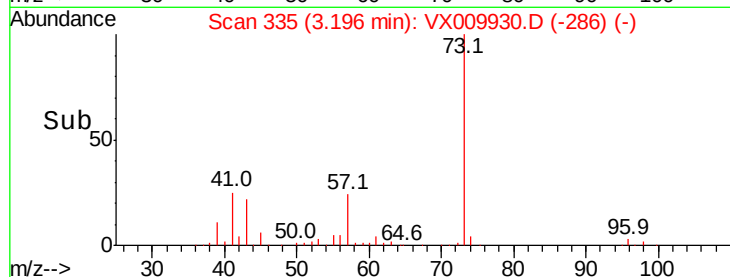
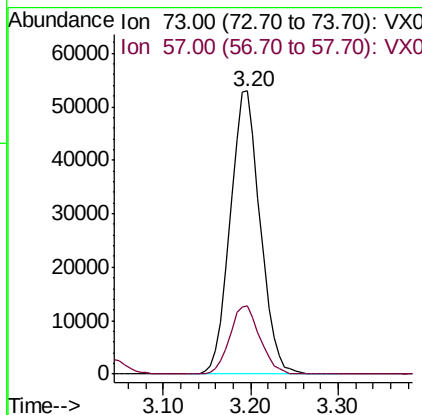
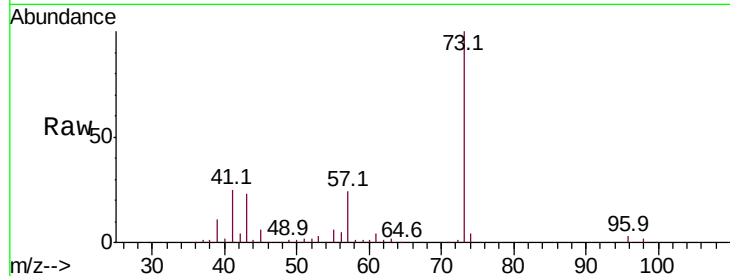
#19
Methvl tert-butvl Ether
Concen: 19.231 ug/l
RT: 3.20 min Scan# 335
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion: 73 Resp: 126034
Ion Ratio Lower Upper
73 100
57 24.3 19.4 29.2

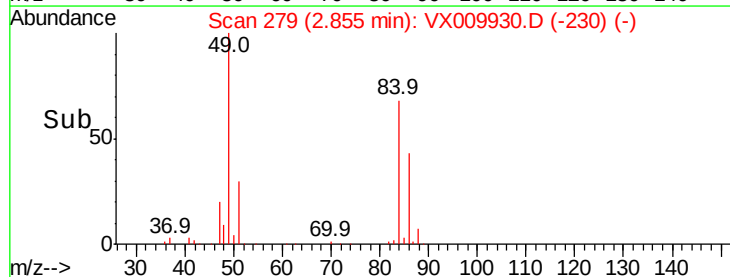
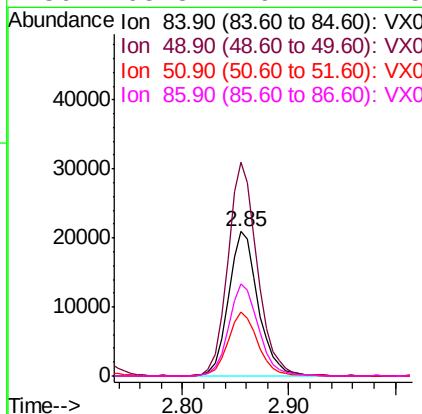
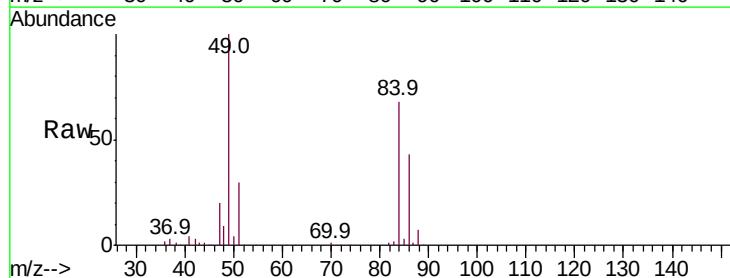
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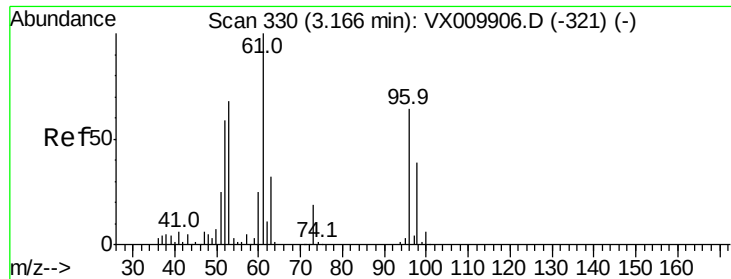
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#20
Methylene Chloride
Concen: 19.061 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 84 Resp: 40834
Ion Ratio Lower Upper
84 100
49 147.8 115.8 173.6
51 44.0 34.4 51.6
86 63.8 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 19.155 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tot Ion: 96 Resp: 36998

Ion Ratio Lower Upper

96 100

61 156.6 125.7 188.5

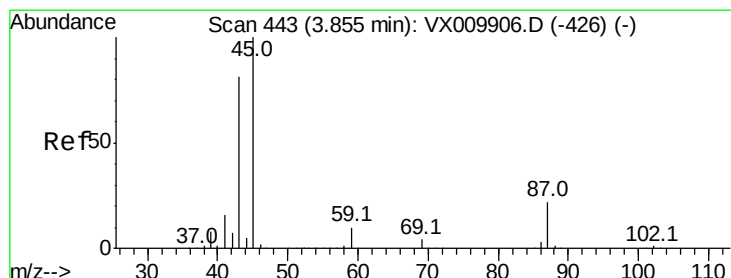
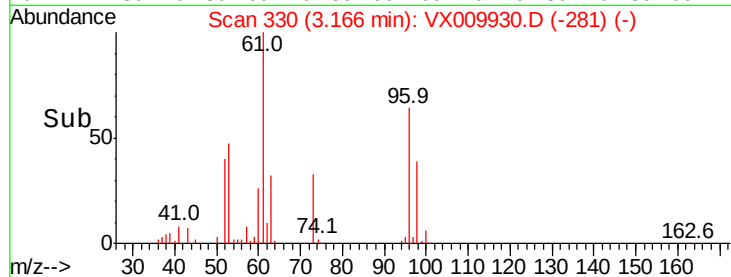
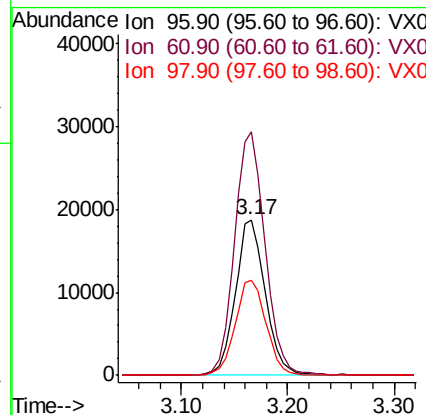
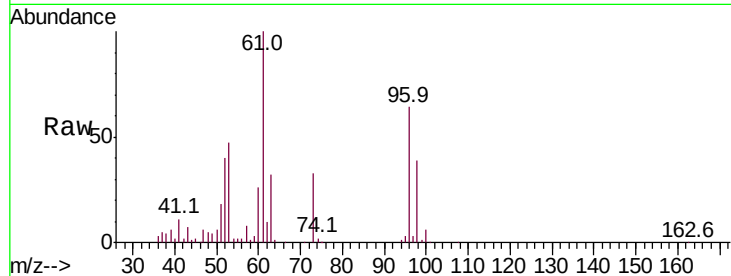
98 61.4 49.0 73.6

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#22

Diisopropyl ether

Concen: 19.988 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion: 45 Resp: 160460

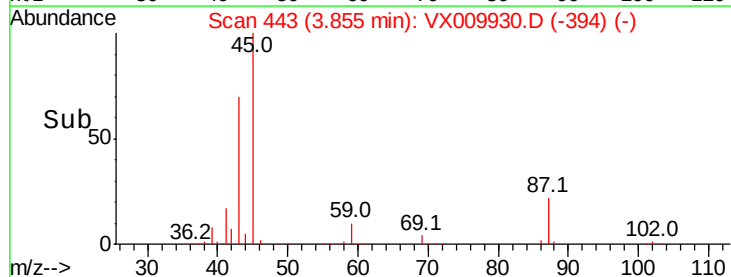
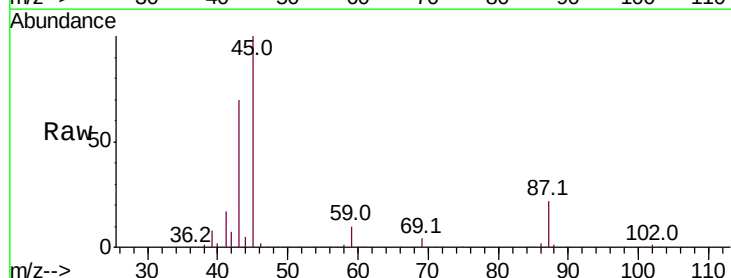
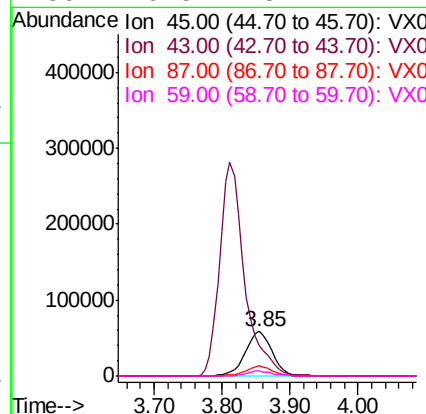
Ion Ratio Lower Upper

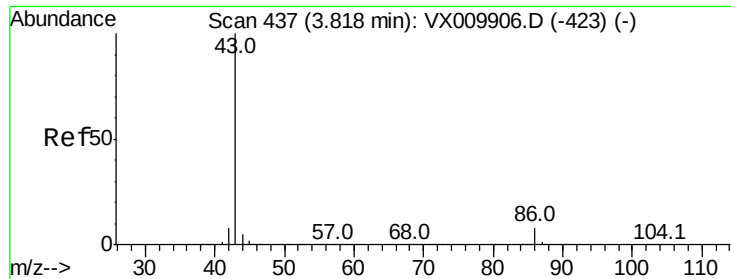
45 100

43 69.6 65.0 97.4

87 22.5 17.3 25.9

59 10.5 8.1 12.1





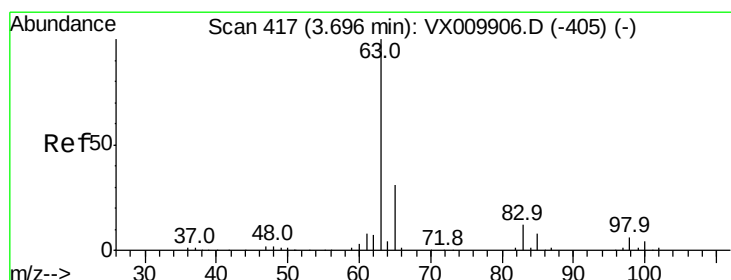
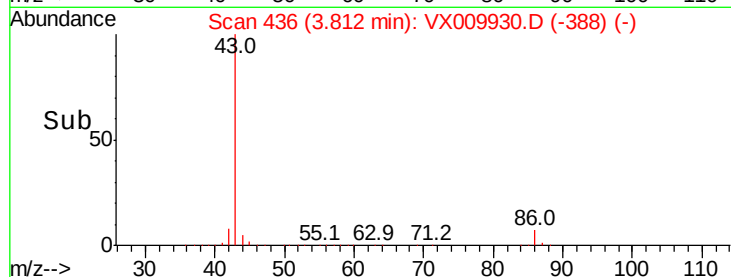
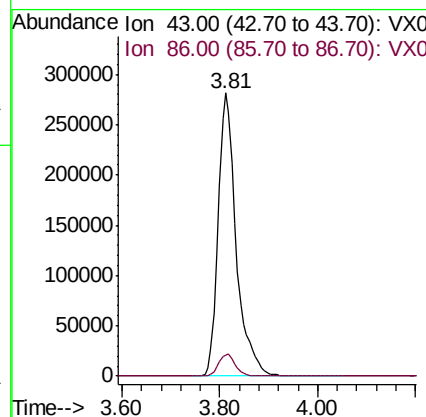
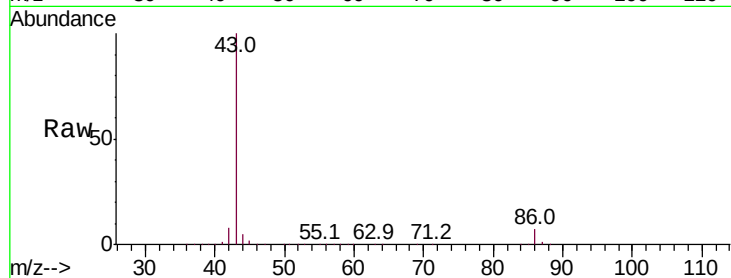
#23
 Vinyl Acetate
 Concen: 99.758 ug/l
 RT: 3.81 min Scan# 436
 Delta R.T. -0.01 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tot Ion: 43 Resp: 719421
 Ion Ratio Lower Upper
 43 100
 86 7.5 6.5 9.7

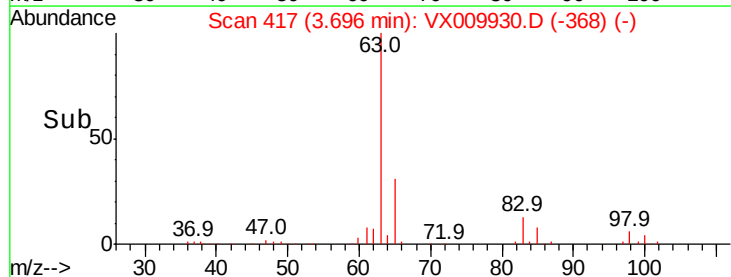
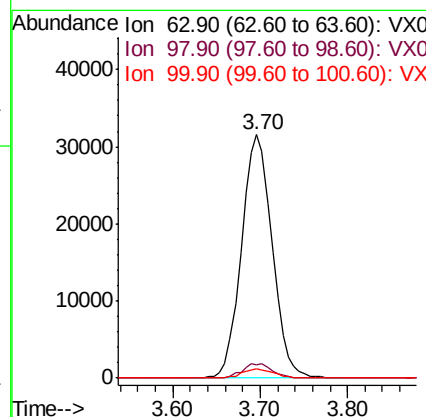
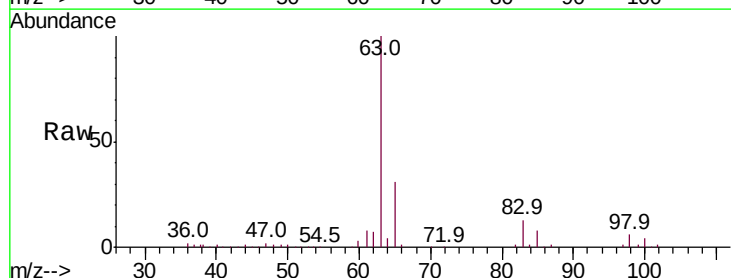
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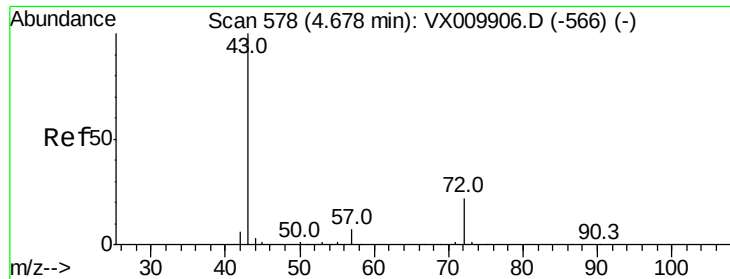
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#24
 1,1-Dichloroethane
 Concen: 19.722 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion: 63 Resp: 76725
 Ion Ratio Lower Upper
 63 100
 98 5.7 2.9 8.8
 100 3.9 1.8 5.4





#25

2-Butanone

Concen: 97.615 ug/l

RT: 4.67 min Scan# 577

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tot Ion: 43 Resp: 212759

Ion Ratio Lower Upper

43 100

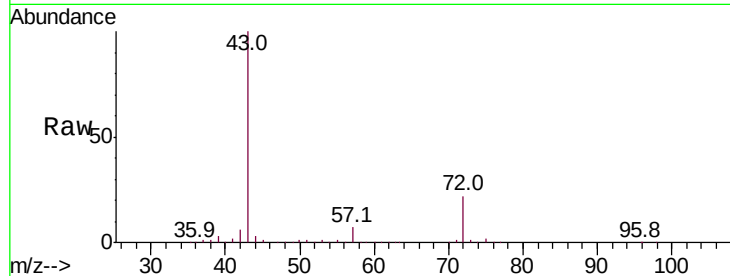
72 21.6 17.5 26.3

Manual Integrations

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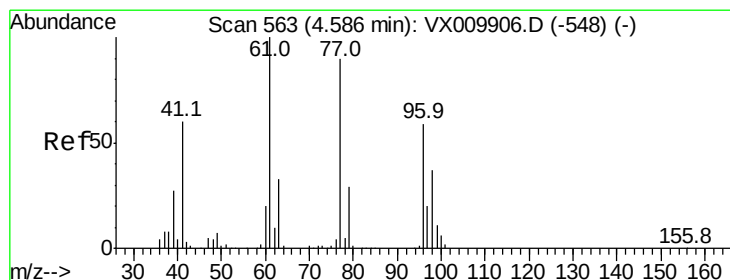
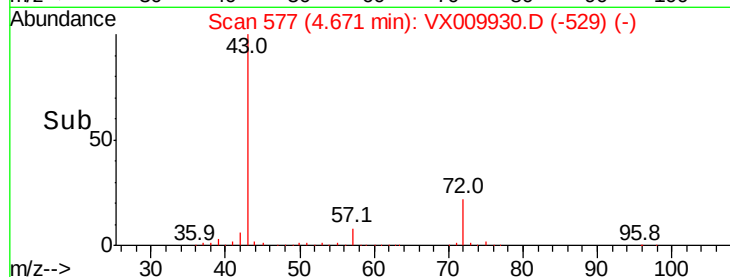
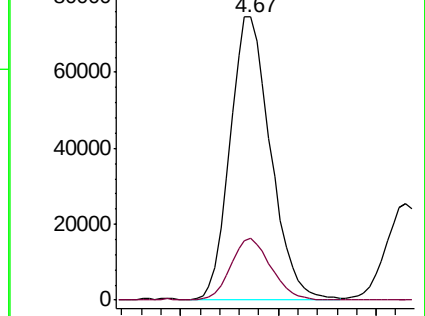
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 19.926 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX009930.D

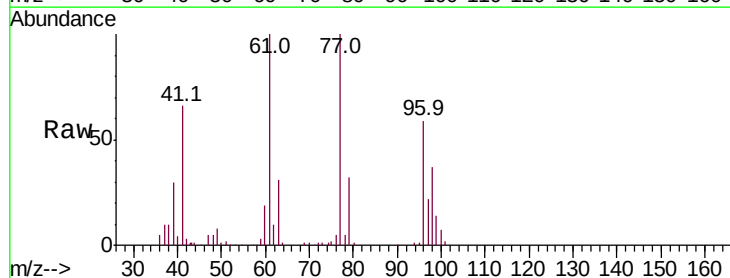
Acq: 29 May 2019 11:22

Tgt Ion: 77 Resp: 58640

Ion Ratio Lower Upper

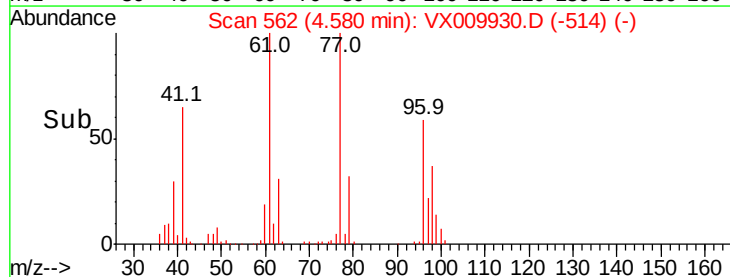
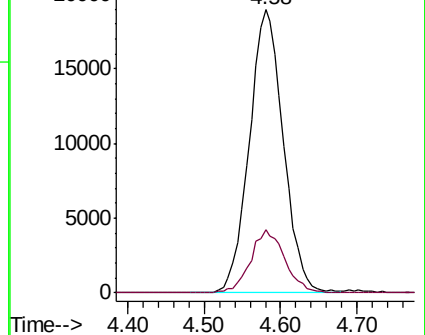
77 100

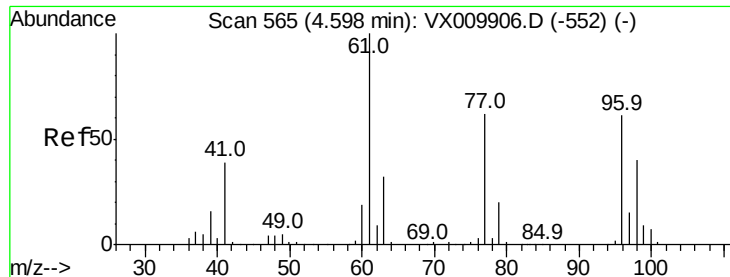
97 22.3 11.4 34.2



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

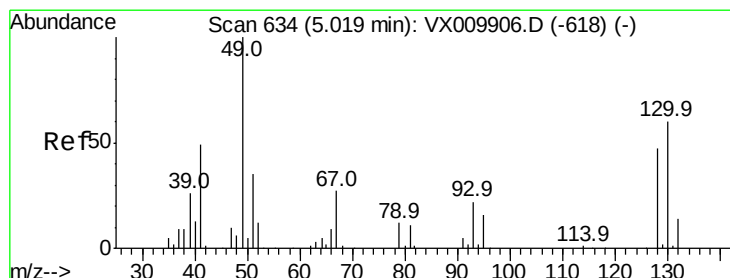
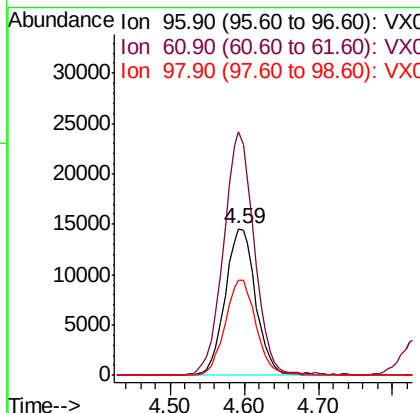
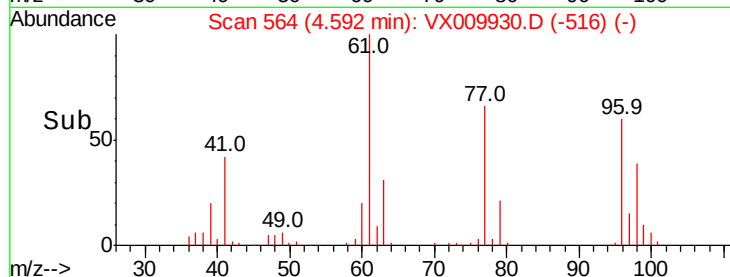
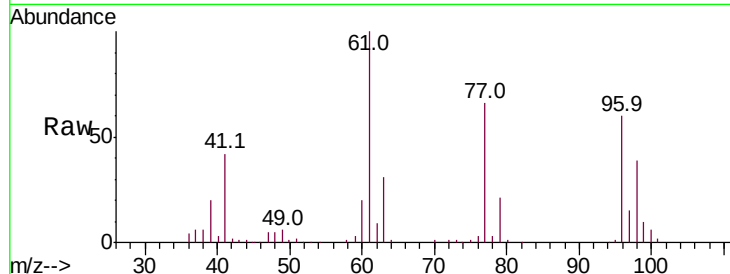
cis-1,2-Dichloroethene
Concen: 18.672 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion	Ratio	Lower	Upper
96	100		
61	167.8	0.0	334.0
98	65.4	0.0	131.6

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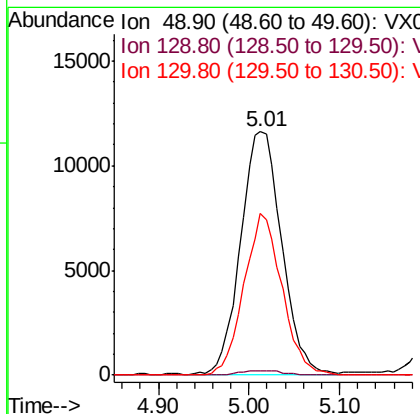
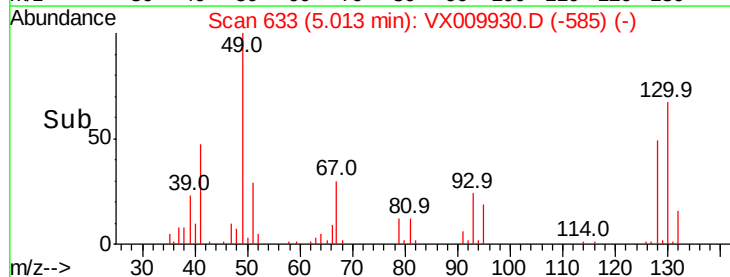
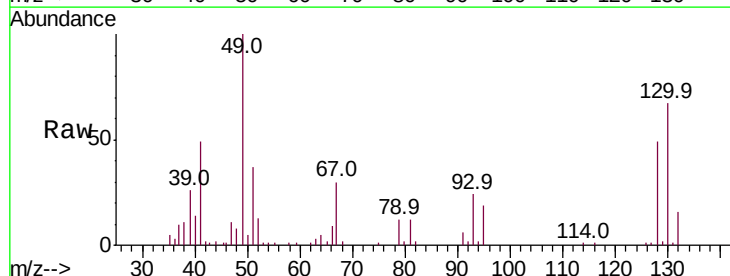
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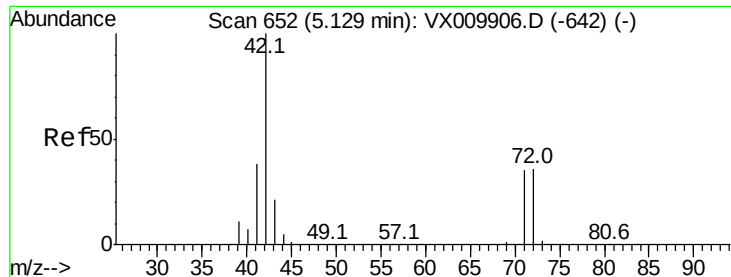


#28

Bromochloromethane
Concen: 18.157 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	3.4
130	60.9	49.4	74.2





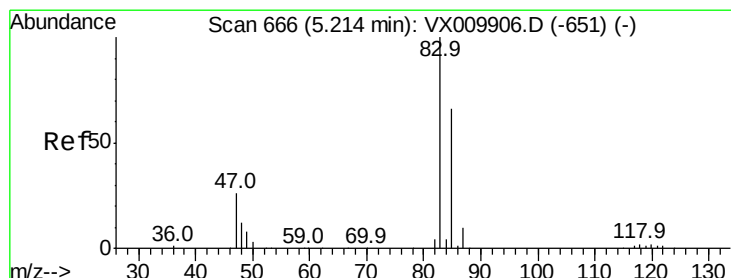
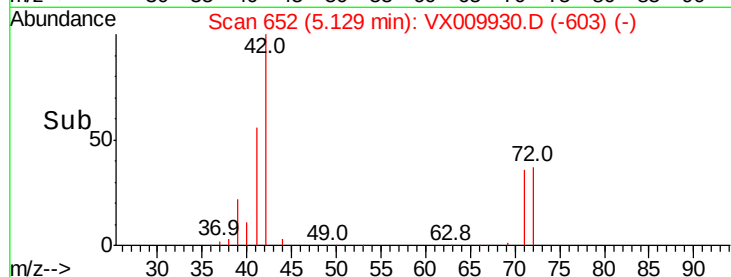
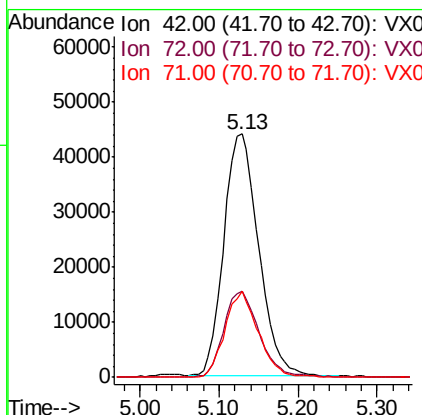
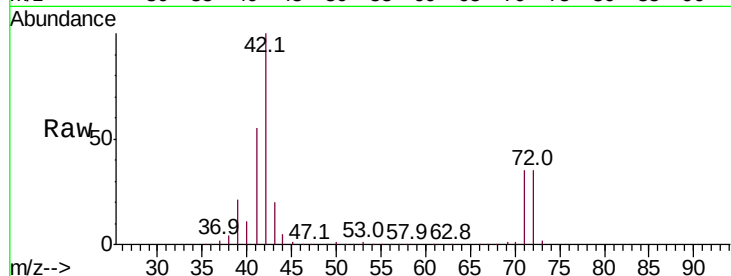
#29
Tetrahydrofuran
Concen: 97.220 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion	Ratio	Lower	Upper
42	100		
72	36.2	29.2	43.8
71	34.0	27.6	41.4

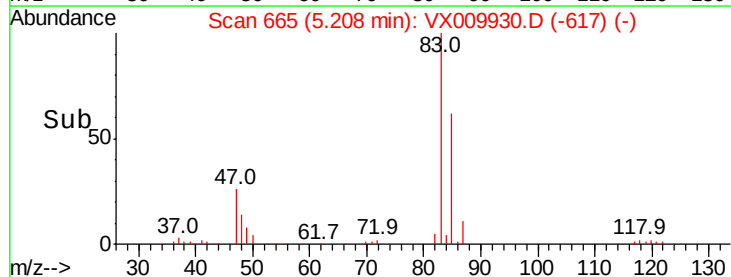
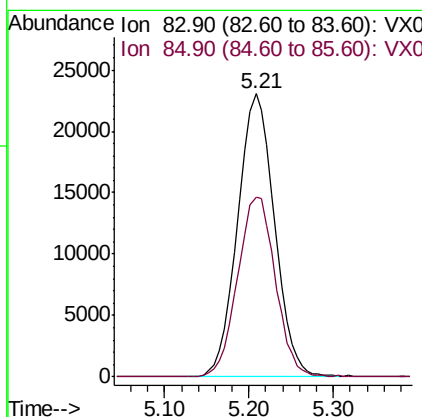
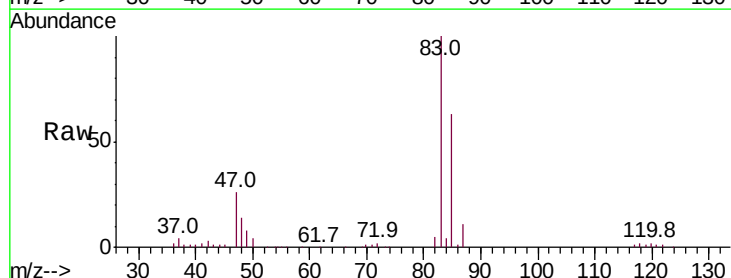
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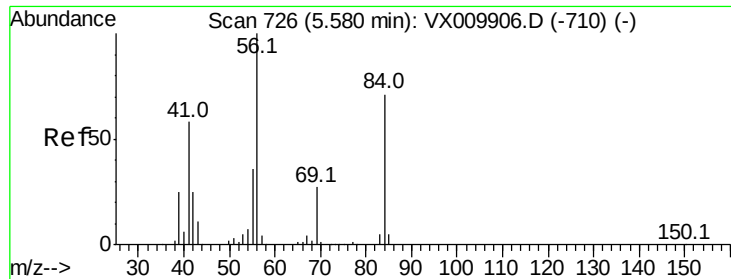
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#30
Chloroform
Concen: 19.531 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.3	52.6	78.8





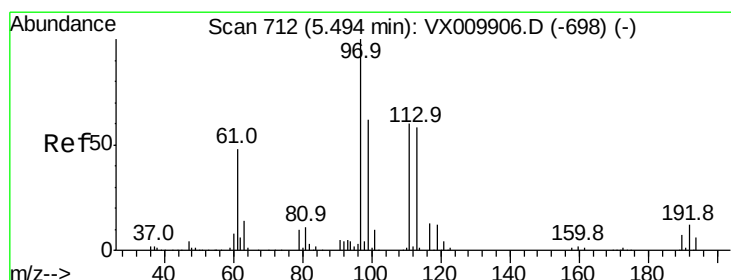
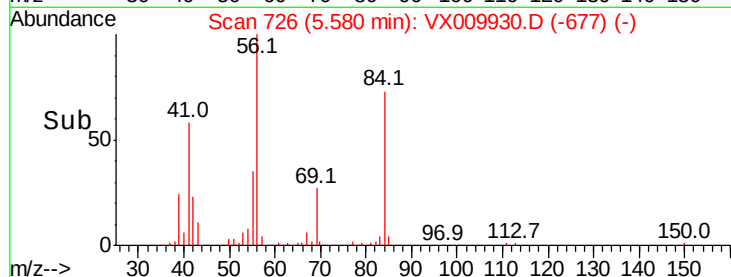
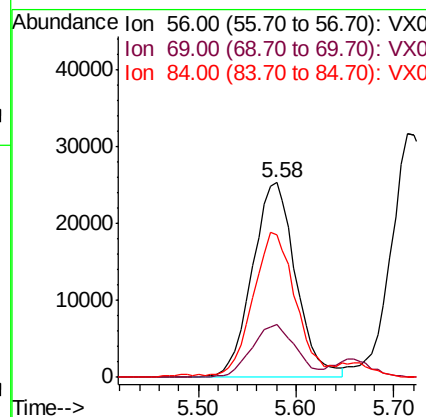
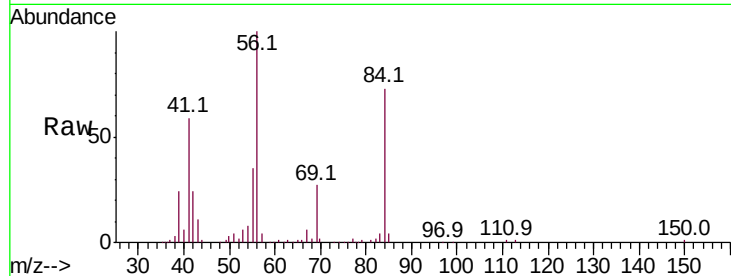
#31
Cyclohexane
Concen: 21.278 ug/l
RT: 5.58 min Scan# 726
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion	Ratio	Lower	Upper
56	100		
69	27.2	21.6	32.4
84	71.7	56.8	85.2

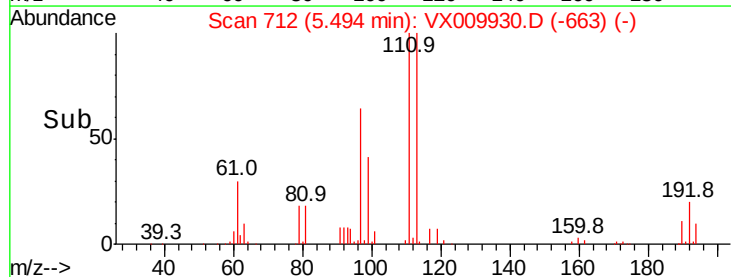
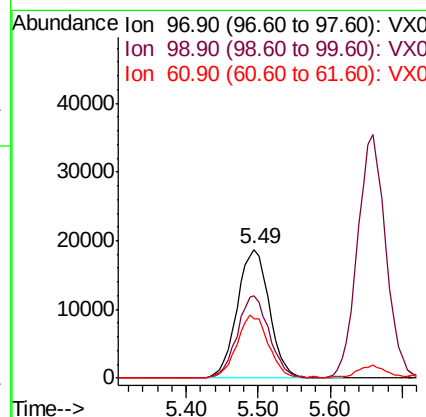
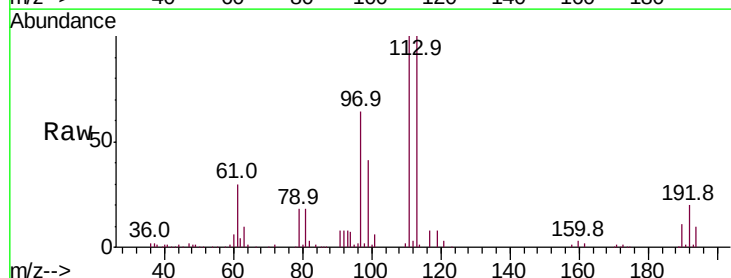
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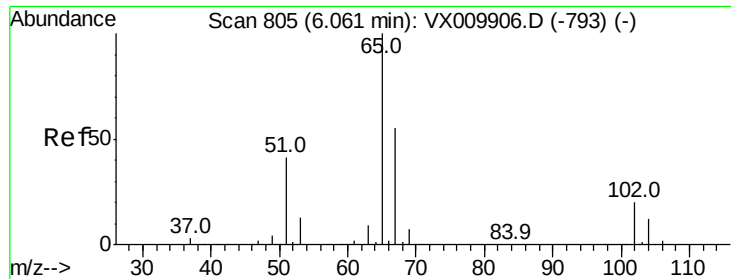
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#32
1,1,1-Trichloroethane
Concen: 20.313 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
97	100		
99	63.7	51.0	76.4
61	48.5	38.7	58.1





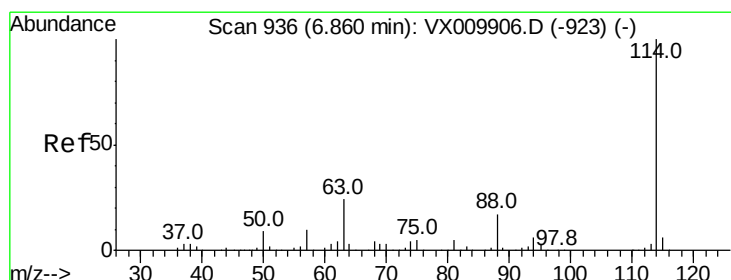
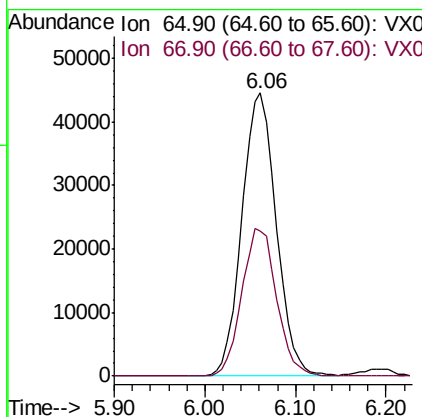
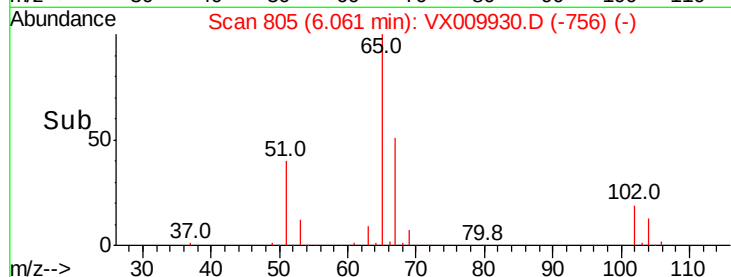
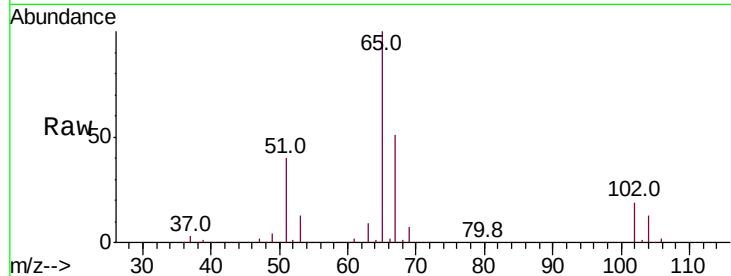
#33
 1,2-Dichloroethane-d4
 Concen: 48.338 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	108.4

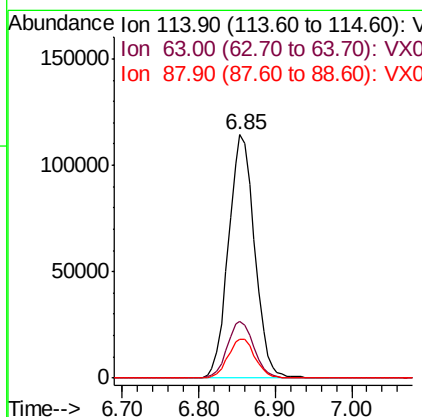
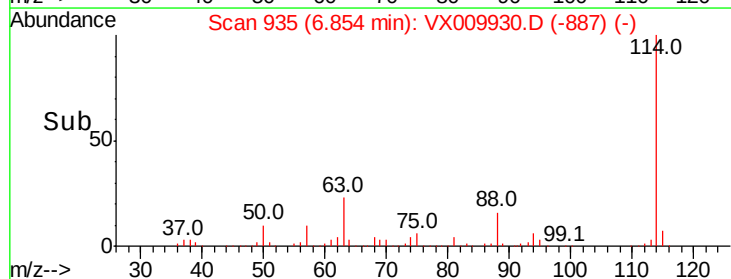
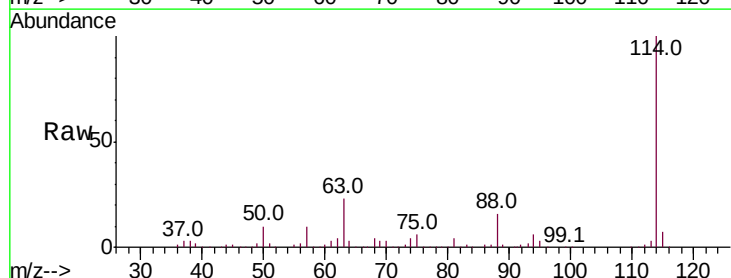
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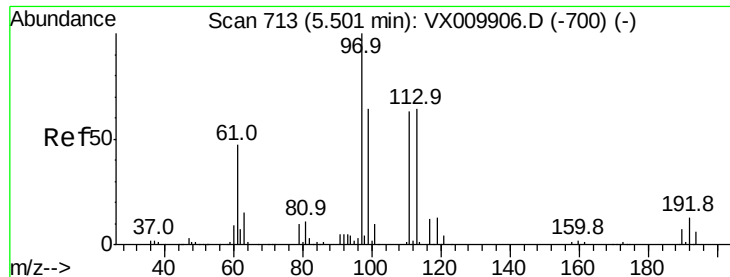
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	47.4
88	15.7	0.0	33.0





#35

Dibromofluoromethane

Concen: 48.644 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

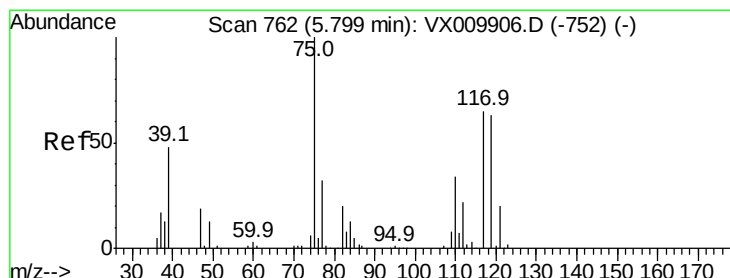
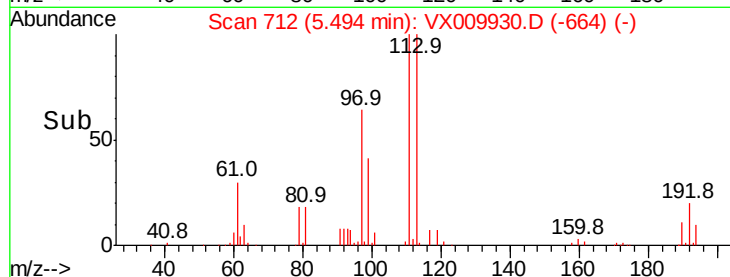
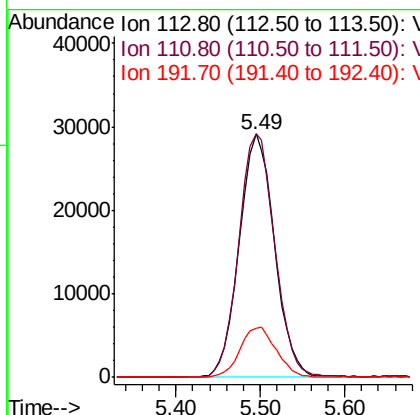
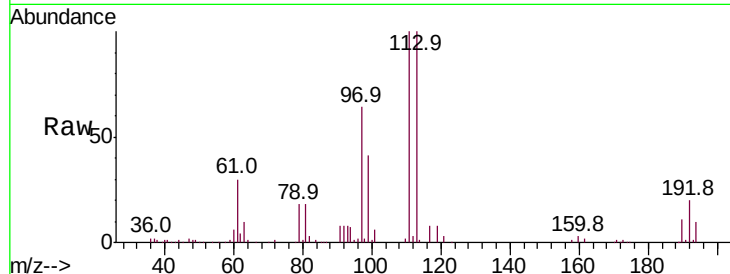
ClientSampleId :

VX0529WBS01

Tot Ion:	113	Resp:	82690
Ion Ratio	Lower	Upper	
113	100		
111	102.1	82.2	123.2
192	21.1	17.1	25.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.627 ug/l

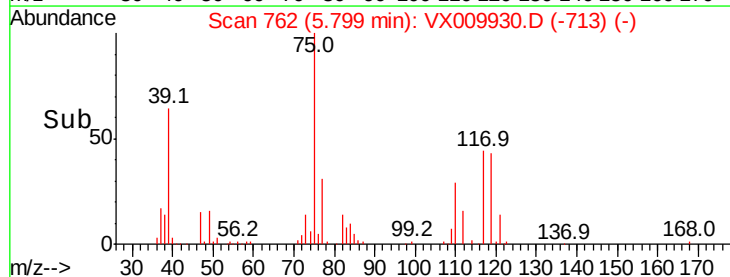
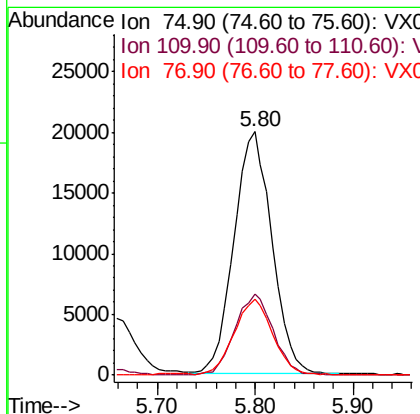
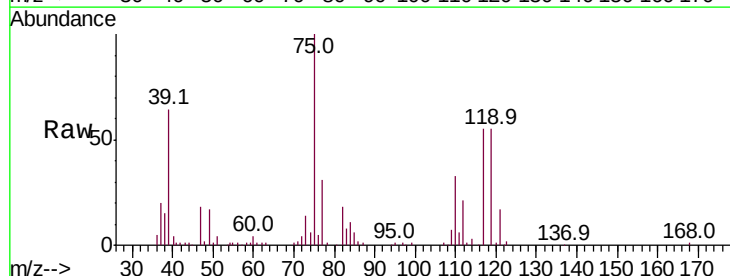
RT: 5.80 min Scan# 762

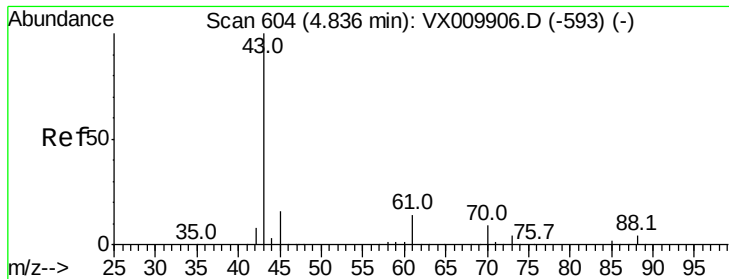
Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion:	75	Resp:	53844
Ion Ratio	Lower	Upper	
75	100		
110	33.8	16.7	50.1
77	31.9	25.0	37.4





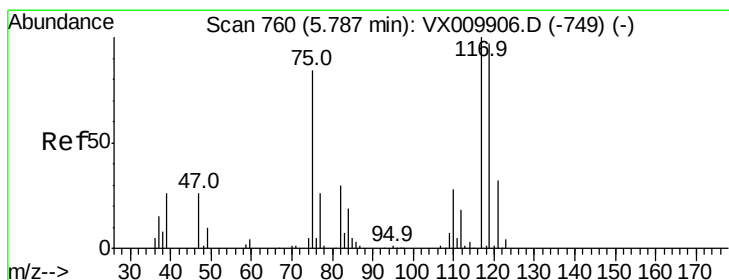
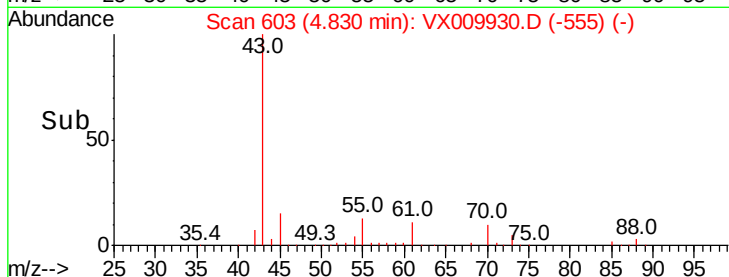
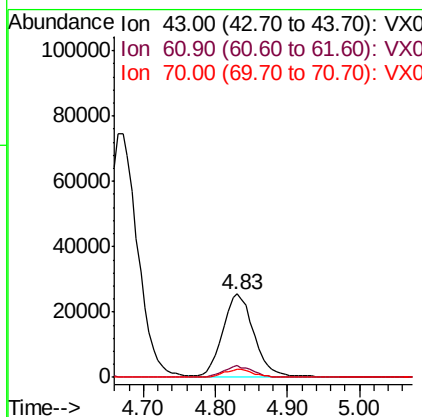
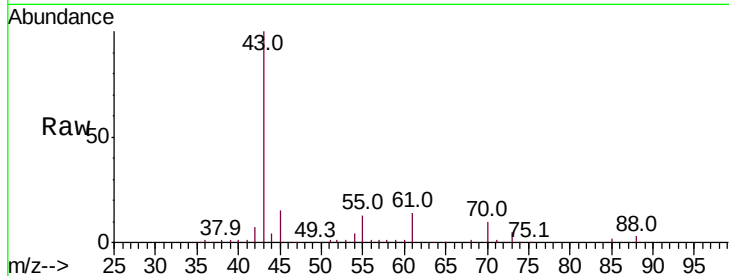
#37
Ethyl Acetate
Concen: 20.058 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.5	10.2	15.2
70	9.6	7.4	11.2

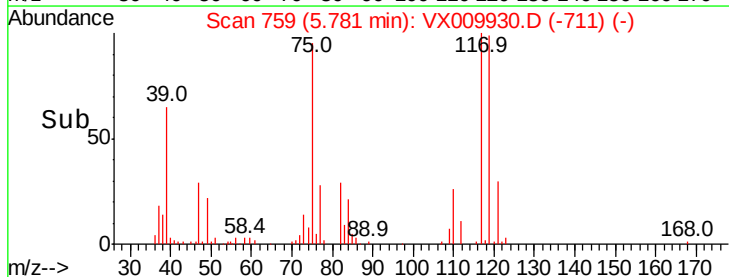
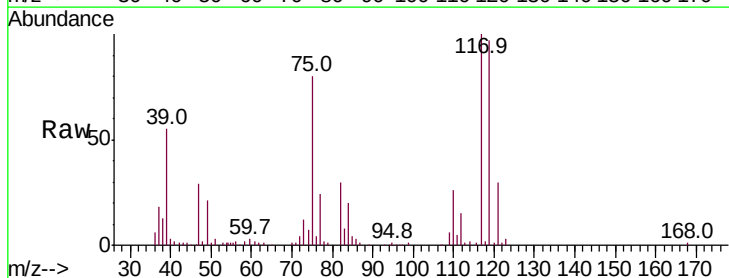
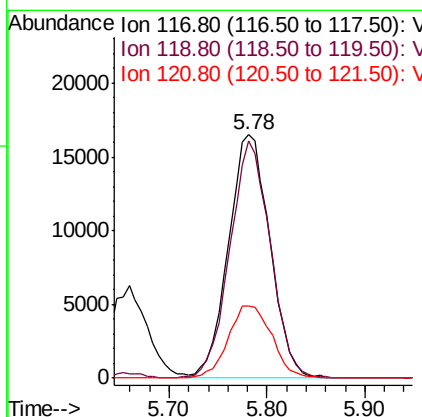
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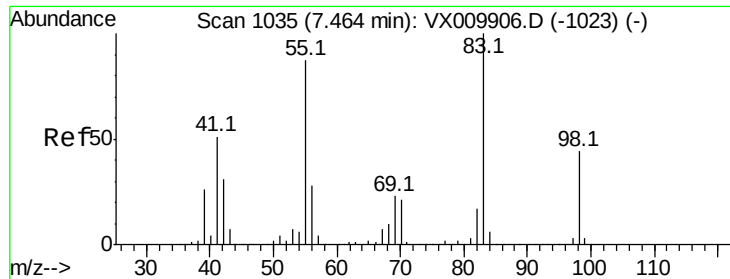
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#38
Carbon Tetrachloride
Concen: 20.494 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.3	115.9
121	29.6	25.4	38.0





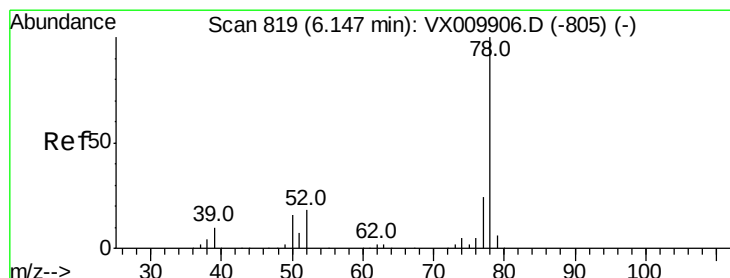
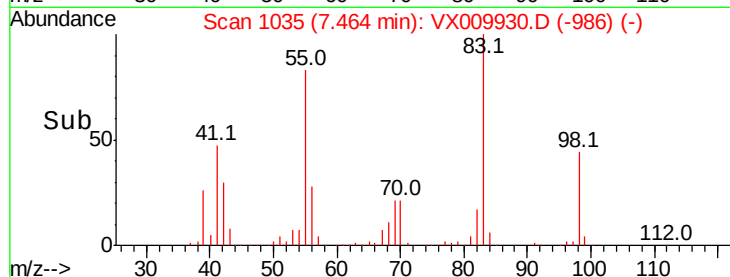
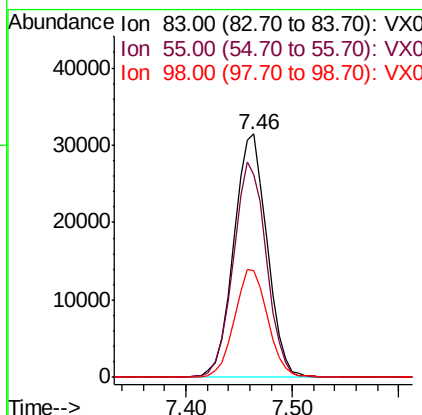
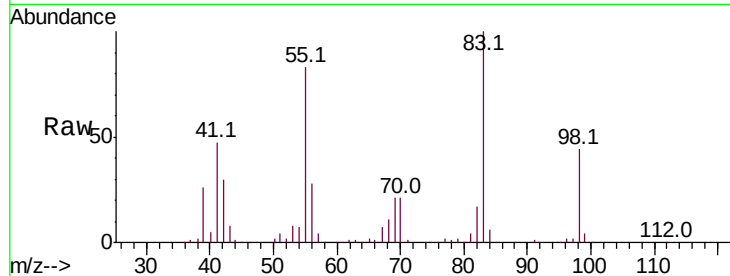
#39
Methylvlcyclohexane
Concen: 21.224 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion	Ratio	Lower	Upper
83	100		
55	83.2	69.9	104.9
98	43.7	35.1	52.7

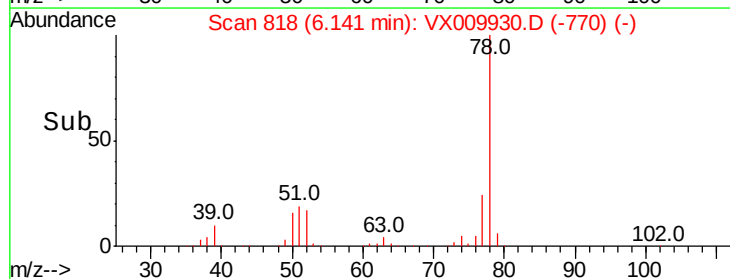
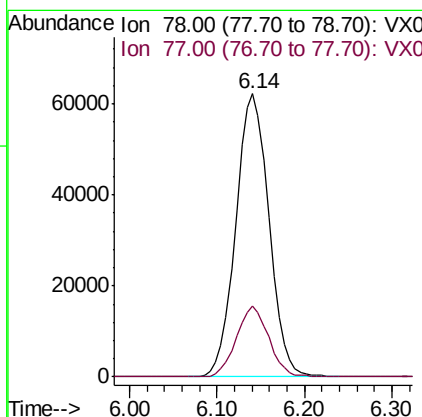
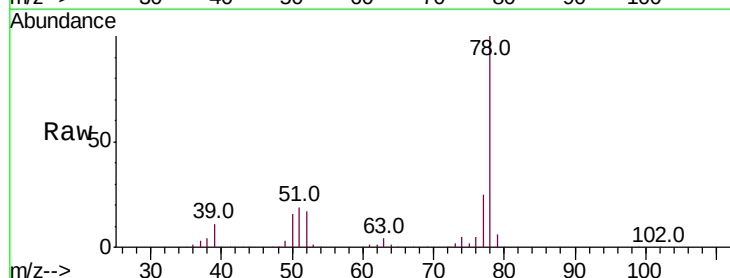
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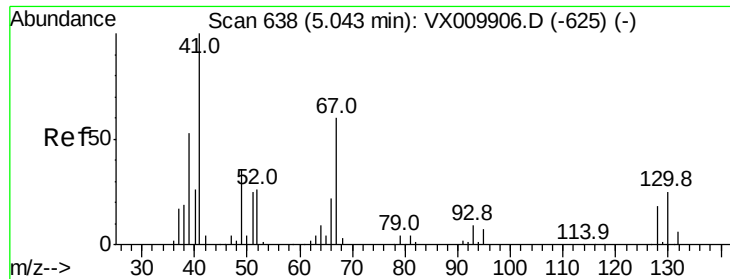
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#40
Benzene
Concen: 20.166 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.8	19.2	28.8





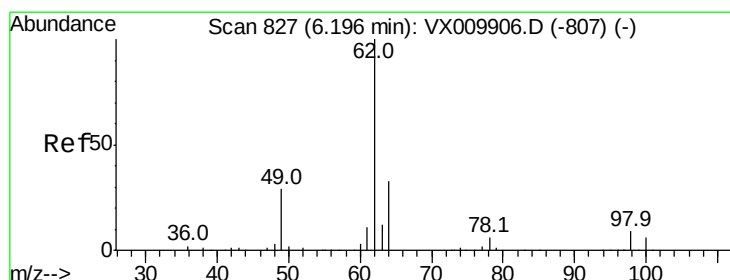
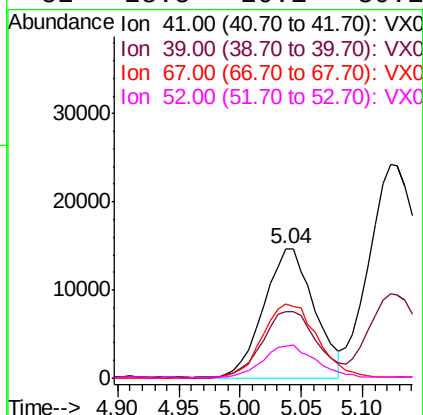
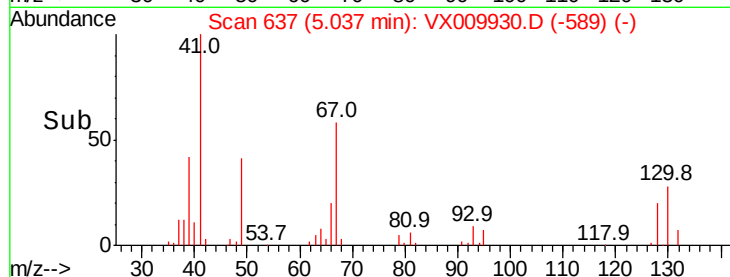
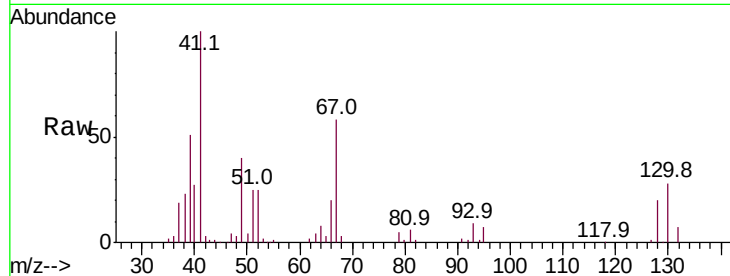
#41
Methacrylonitrile
Concen: 18.829 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.0	42.2	63.4	
67	63.6	48.9	73.3	
52	28.5	20.1	30.1	

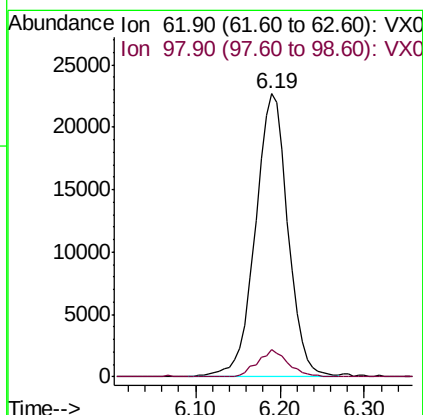
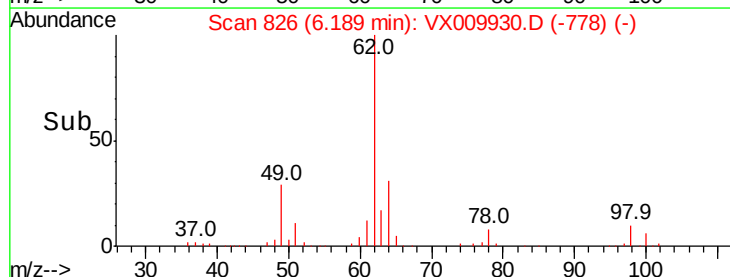
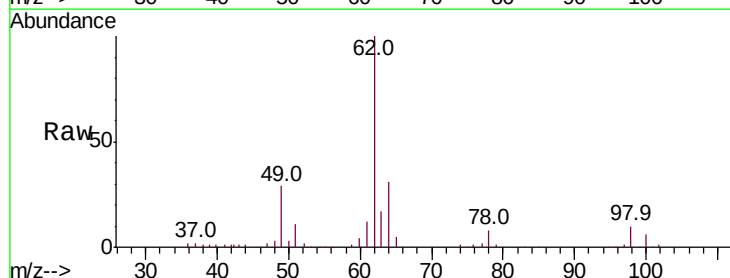
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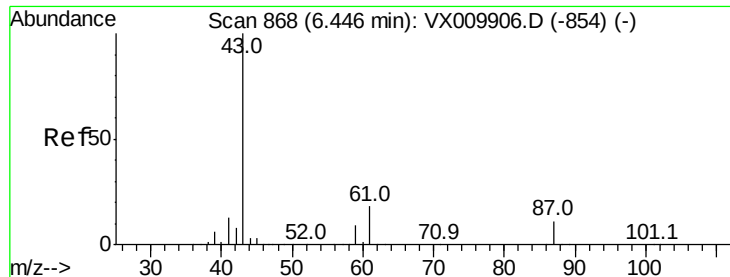
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#42
1,2-Dichloroethane
Concen: 19.839 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.0	0.0	17.2	





#43

Isopropyl Acetate

Concen: 19.256 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

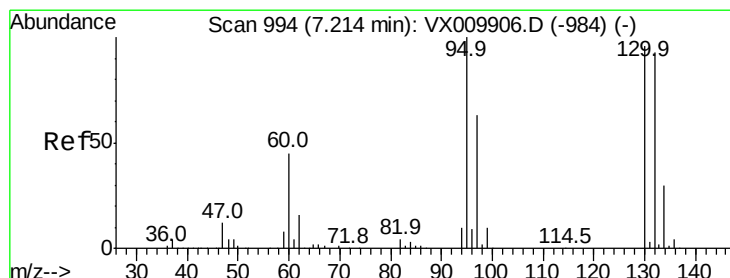
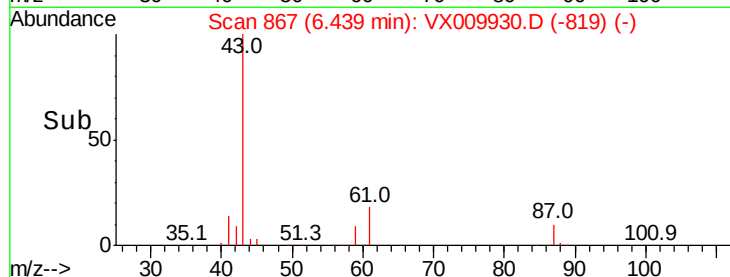
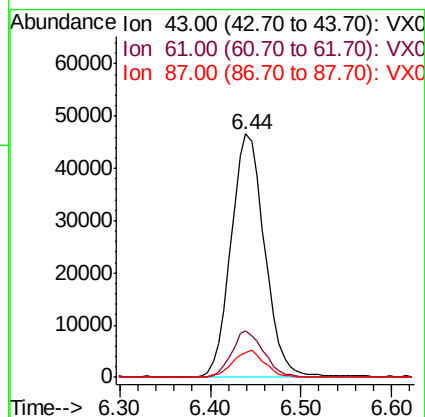
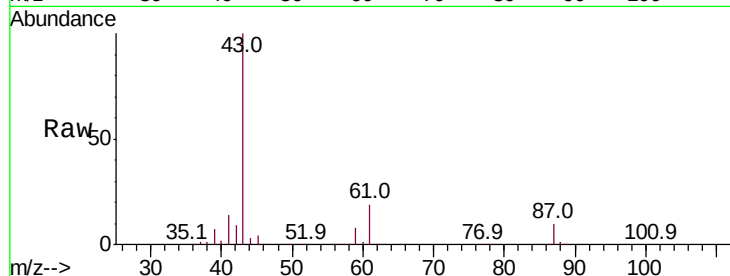
ClientSampleId :

VX0529WBS01

Tot Ion:	43	Resp:	118769
Ion	Ratio	Lower	Upper
43	100		
61	18.6	14.6	21.8
87	10.7	8.7	13.1

Manual Integrations
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#44

Trichloroethene

Concen: 20.112 ug/l

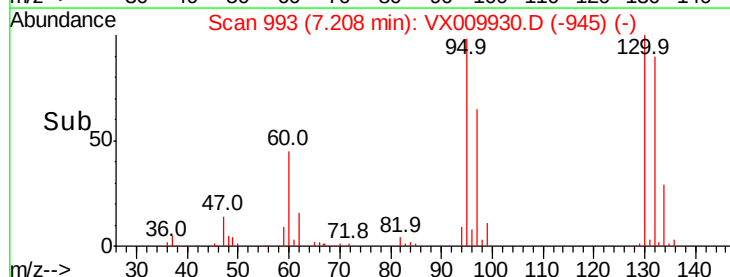
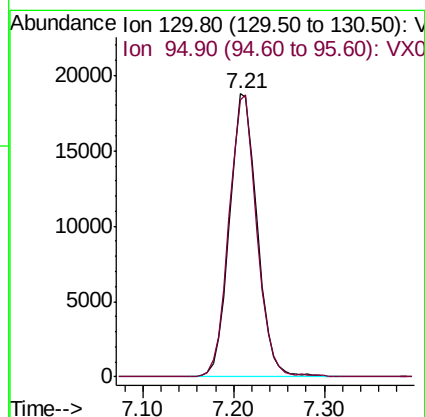
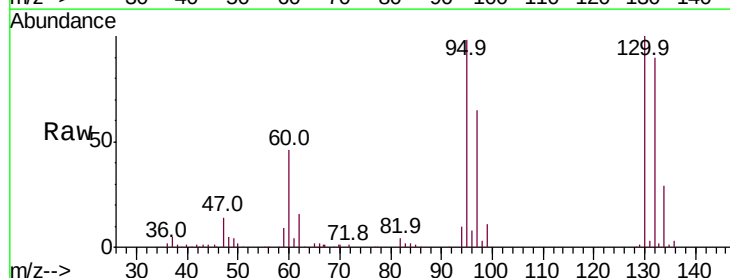
RT: 7.21 min Scan# 993

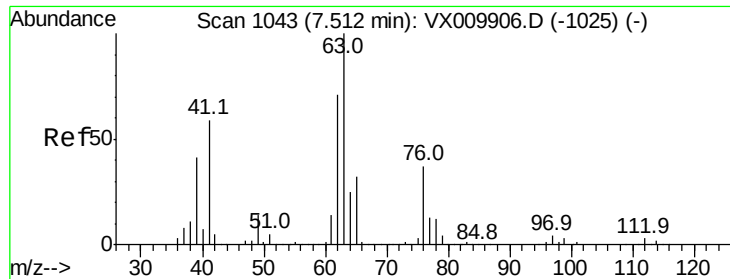
Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion:	130	Resp:	39757
Ion	Ratio	Lower	Upper
130	100		
95	98.0	0.0	207.4





#45

1,2-Dichloropropane

Concen: 19.952 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

VX0529WBS01

Tot Ion: 63 Resp: 46742

Ion Ratio Lower Upper

63 100

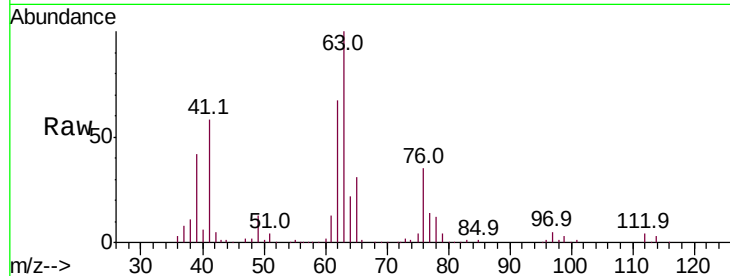
65 31.2 25.7 38.5

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Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

25000

20000

15000

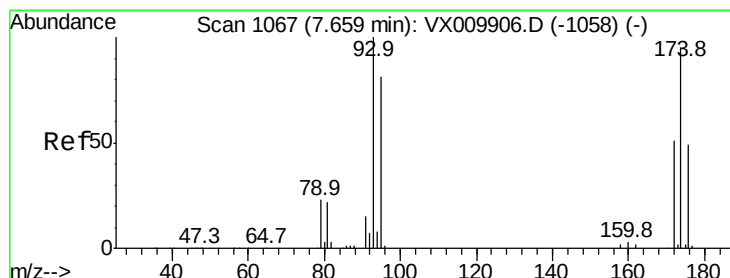
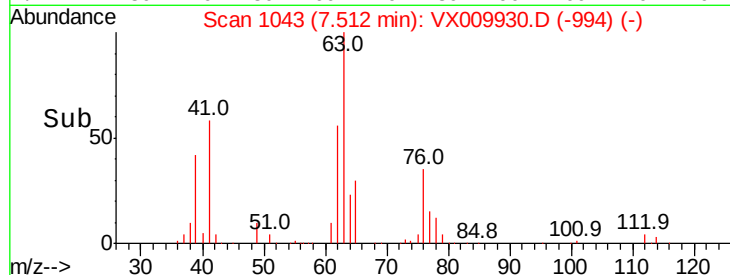
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 19.102 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

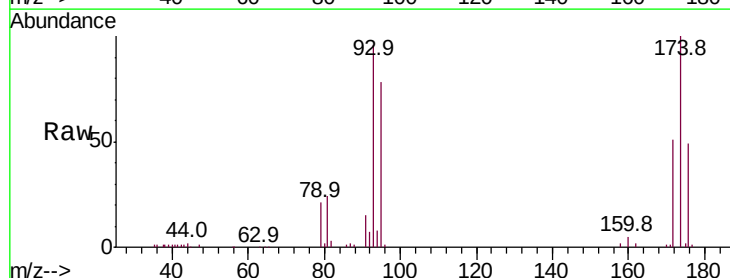
Tgt Ion: 93 Resp: 26341

Ion Ratio Lower Upper

93 100

95 81.8 66.8 100.2

174 101.4 81.9 122.9



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

15000

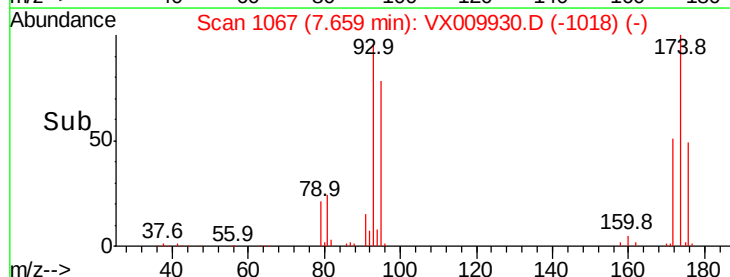
10000

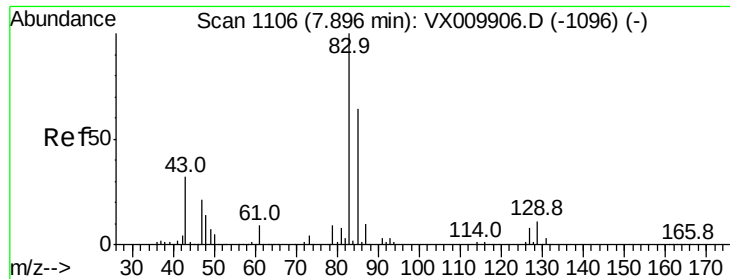
5000

0

Time-->

7.60 7.70





#47

Bromodichloromethane

Concen: 20.129 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

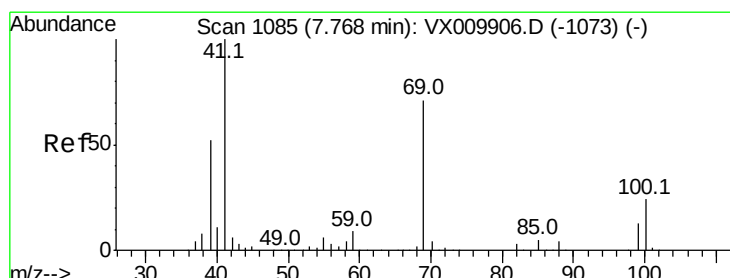
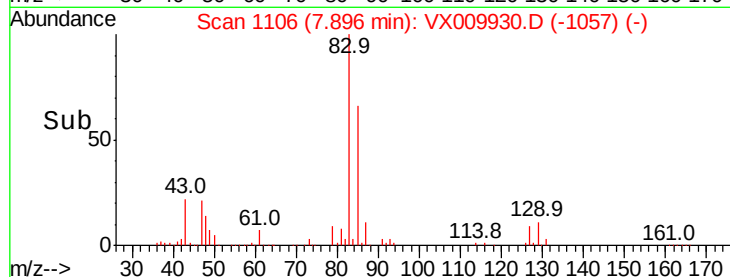
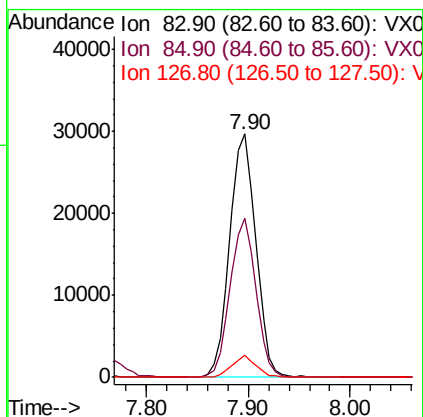
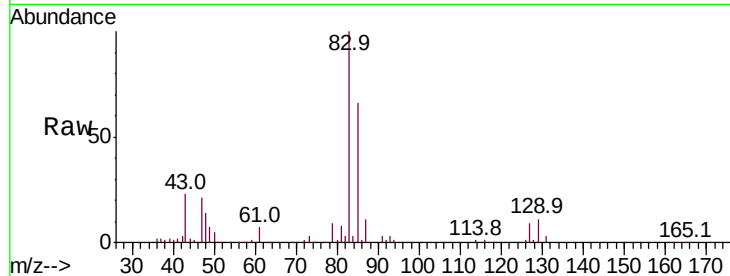
ClientSampleId :

VX0529WBS01

Tot Ion:	83	Resp:	52784
Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.4	77.2
127	8.9	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.593 ug/l

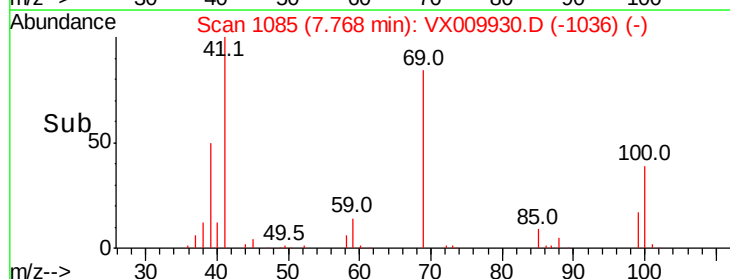
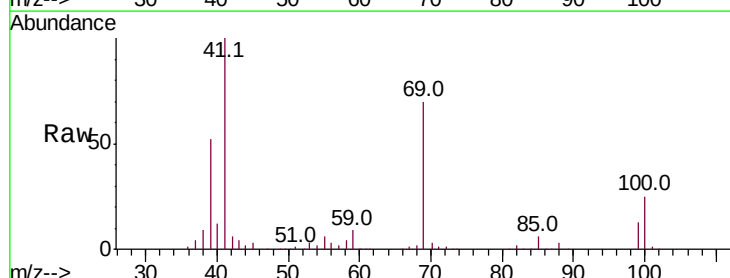
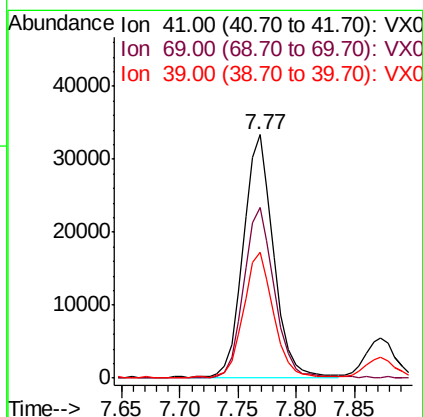
RT: 7.77 min Scan# 1085

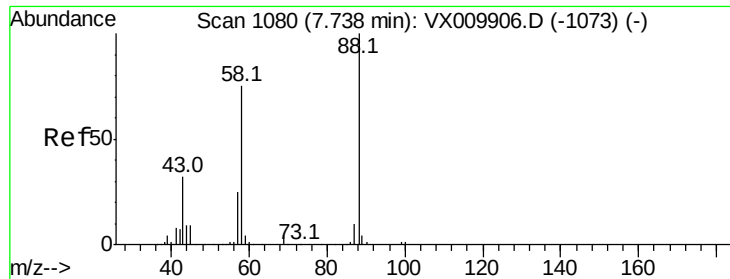
Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion:	41	Resp:	59824
Ion	Ratio	Lower	Upper
41	100		
69	71.6	56.4	84.6
39	51.6	40.6	60.8





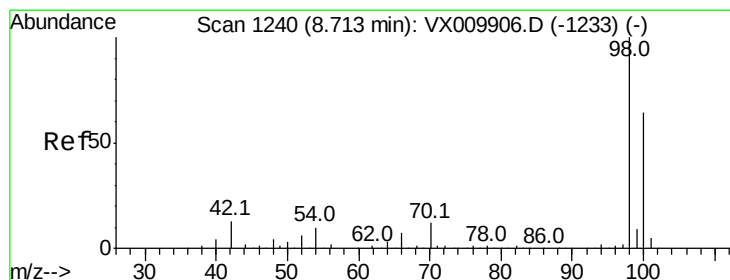
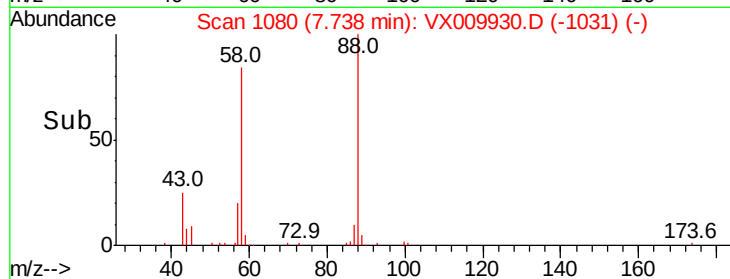
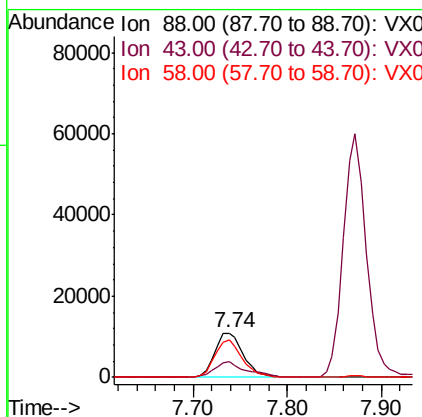
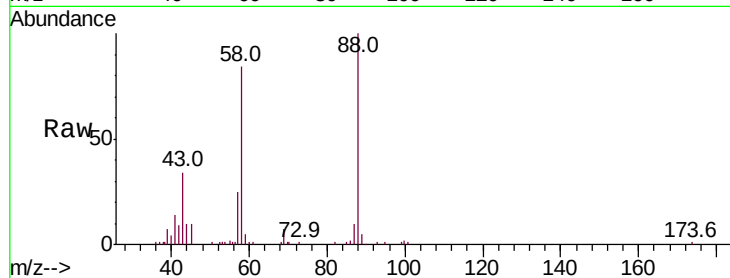
#49
1,4-Dioxane
Concen: 411.098 ug/l
RT: 7.74 min Scan# 1080
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion	Ratio	Lower	Upper
88	100		
43	38.1	30.2	45.4
58	80.5	64.0	96.0

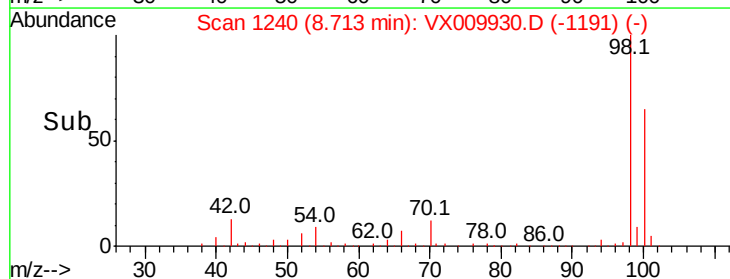
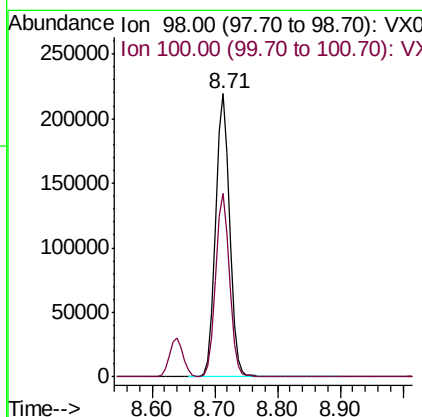
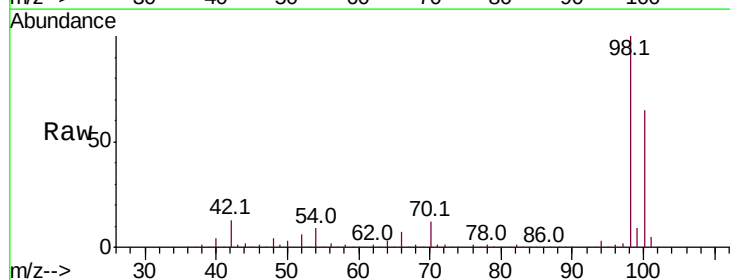
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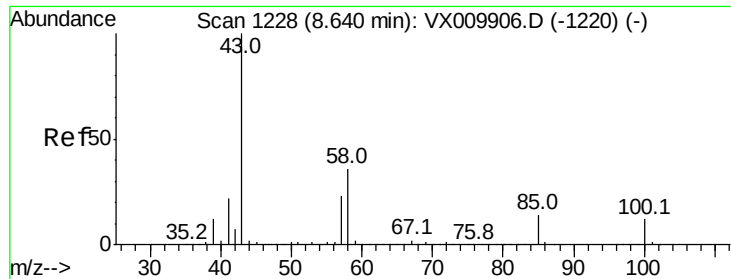
MMDadoda
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#50
Toluene-d8
Concen: 49.277 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 95.492 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampled :

VX0529WBS01

Tot Ion: 43 Resp: 383140

Ion Ratio Lower Upper

43 100

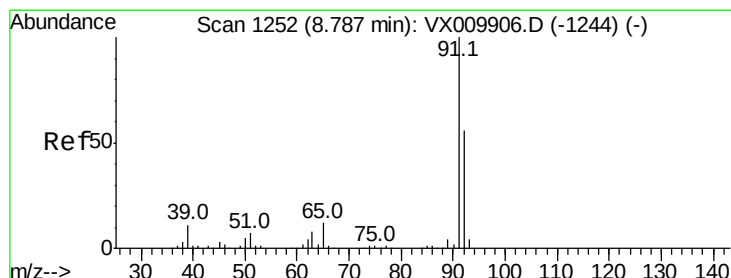
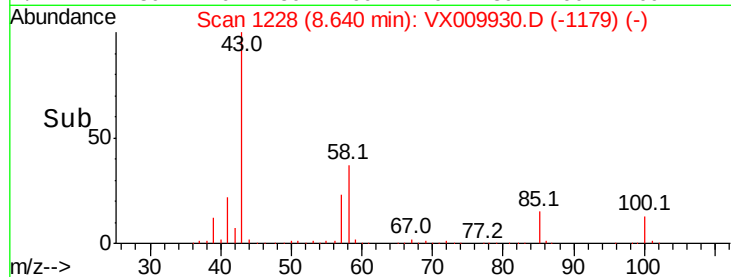
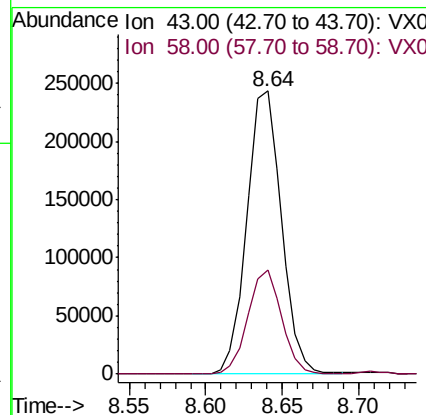
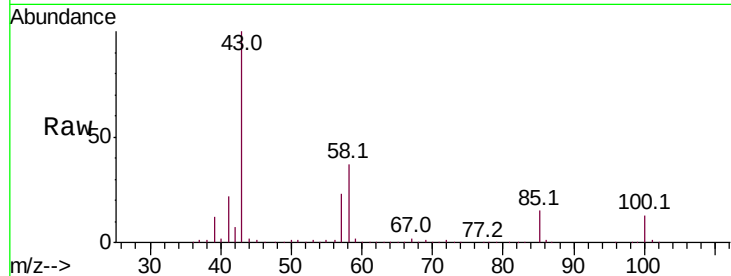
58 36.0 28.8 43.2

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#52

Toluene

Concen: 19.916 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009930.D

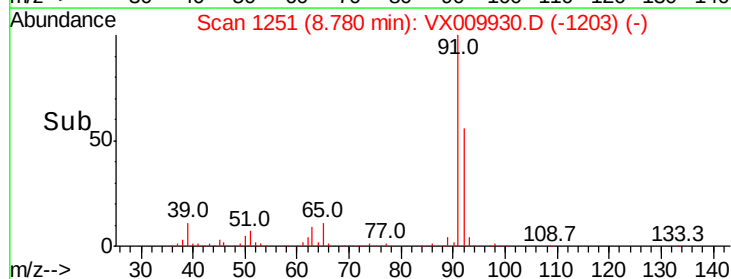
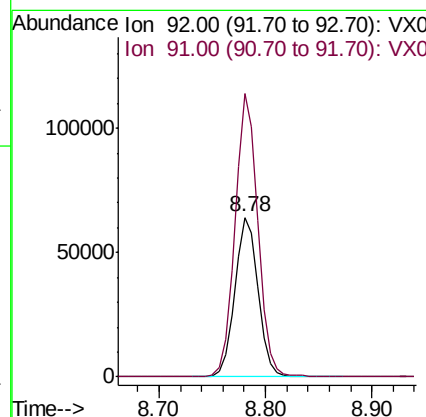
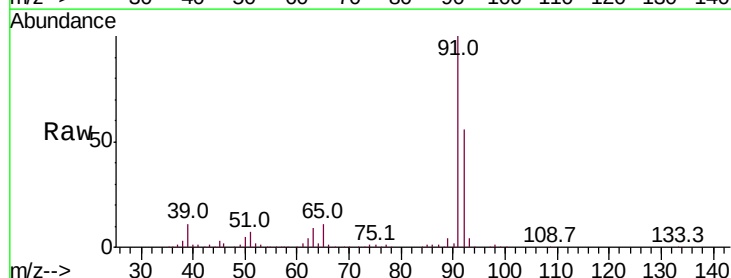
Acq: 29 May 2019 11:22

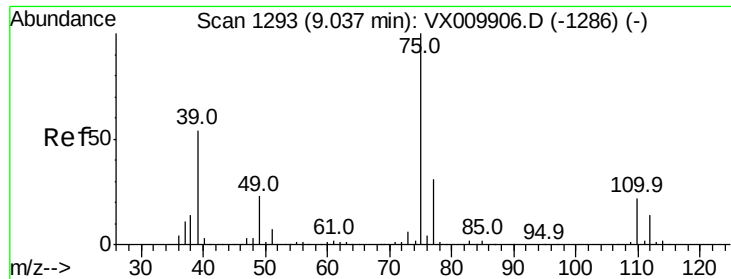
Tgt Ion: 92 Resp: 98408

Ion Ratio Lower Upper

92 100

91 174.5 139.9 209.9





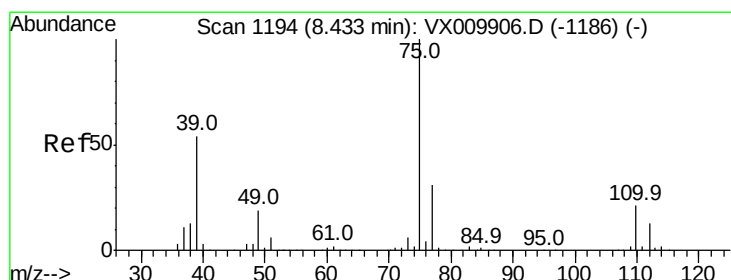
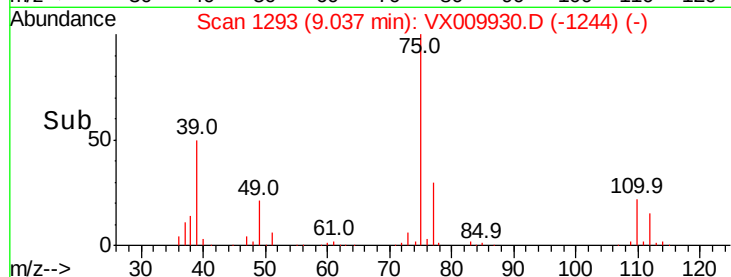
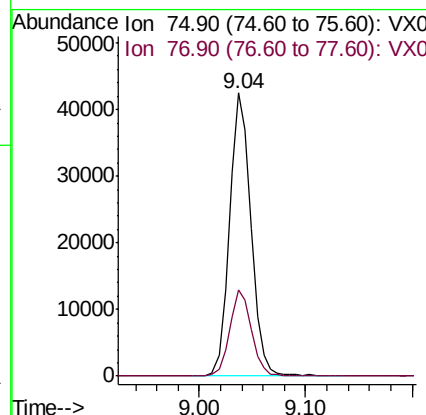
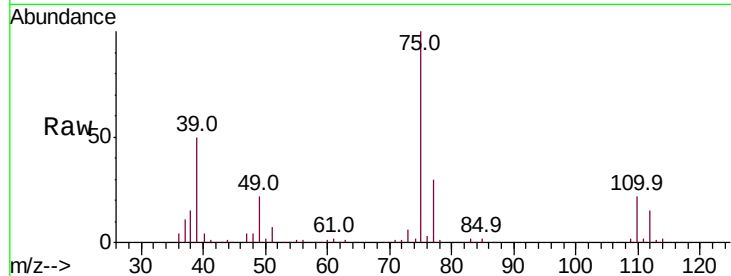
#53
 t-1,3-Dichloropropene
 Concen: 19.049 ug/l
 RT: 9.04 min Scan# 1293
 Delta R.T. 0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tot Ion: 75 Resp: 59907
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.6 36.8

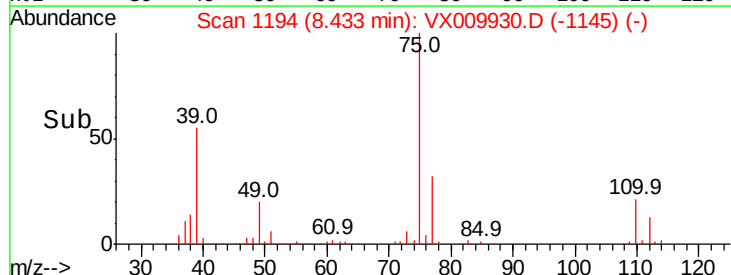
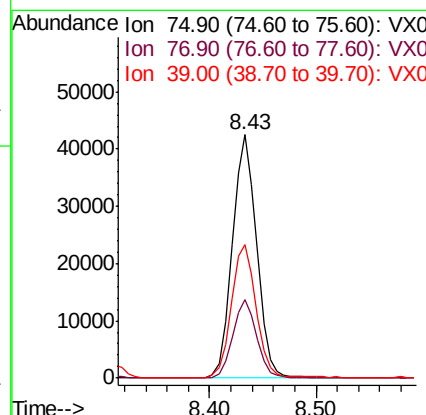
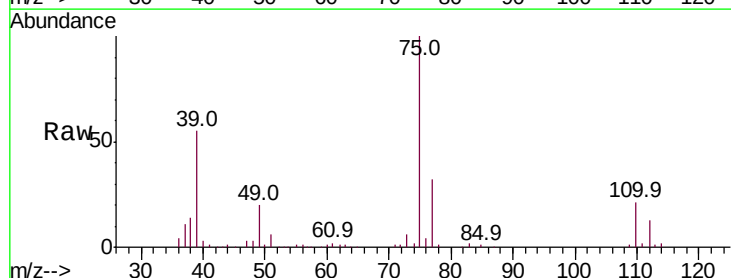
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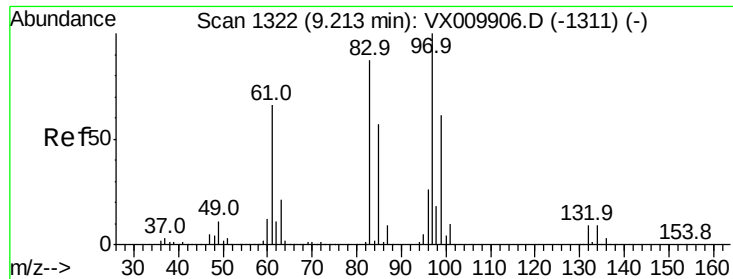
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#54
 cis-1,3-Dichloropropene
 Concen: 19.884 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. 0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion: 75 Resp: 68131
 Ion Ratio Lower Upper
 75 100
 77 32.5 24.8 37.2
 39 54.7 43.4 65.0





#55

1,1,2-Trichloroethane

Concen: 19.666 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

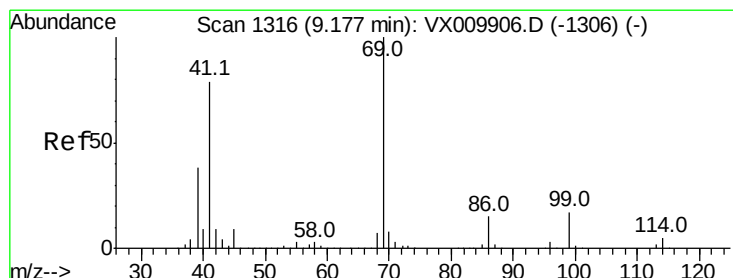
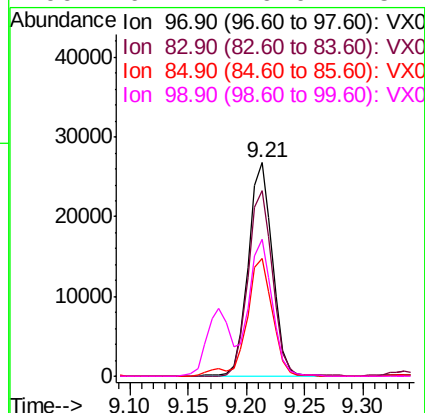
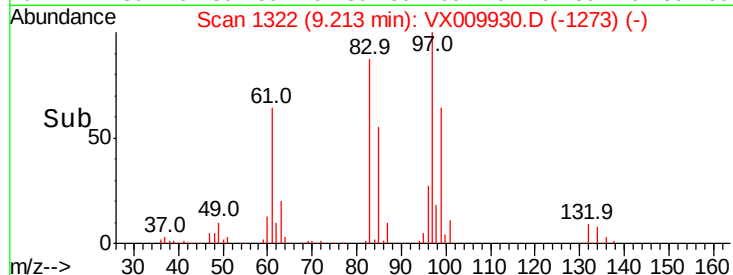
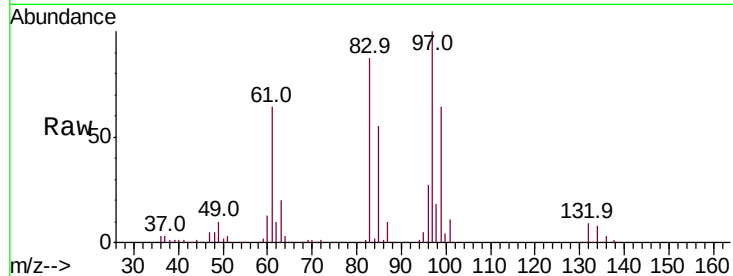
ClientSampleId :

VX0529WBS01

Tot Ion:	97	Resp:	39110
Ion	Ratio	Lower	Upper
97	100		
83	87.2	69.8	104.8
85	54.7	45.3	67.9
99	64.2	49.0	73.4

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#56

Ethyl methacrylate

Concen: 19.500 ug/l

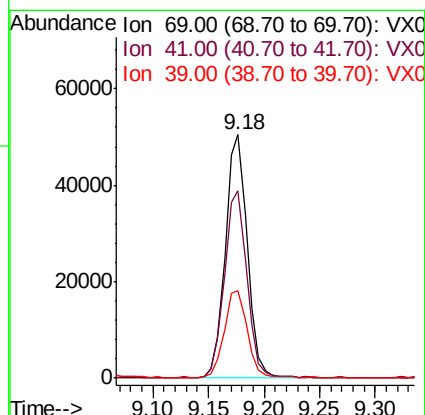
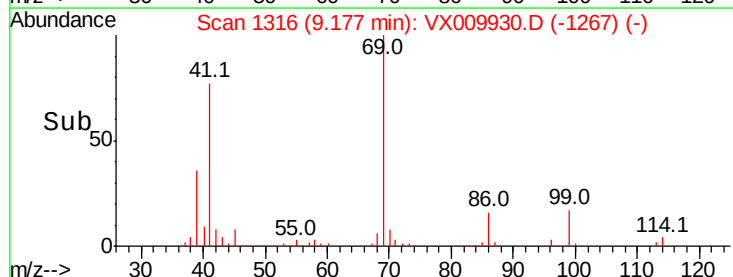
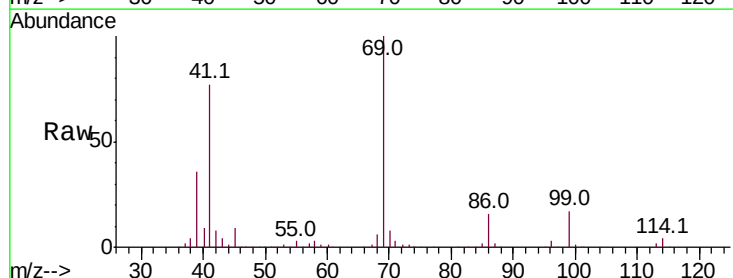
RT: 9.18 min Scan# 1316

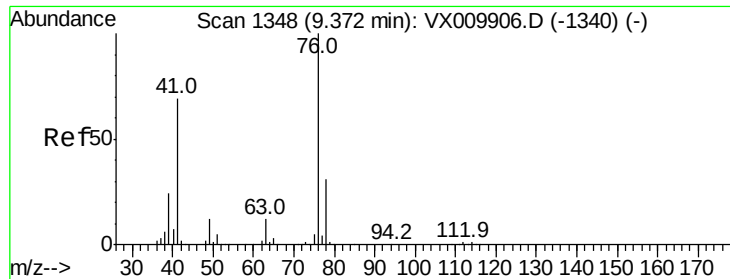
Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion:	69	Resp:	69043
Ion	Ratio	Lower	Upper
69	100		
41	78.3	62.7	94.1
39	37.3	29.5	44.3





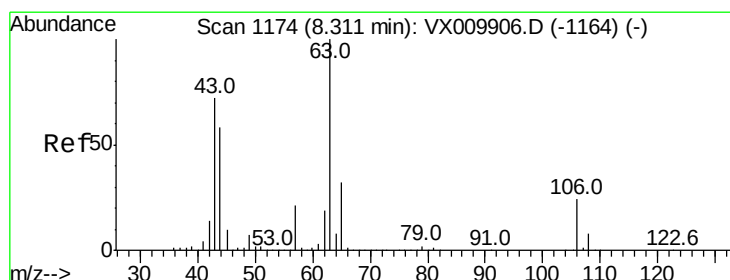
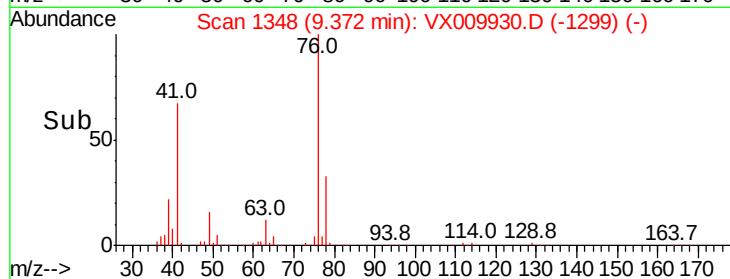
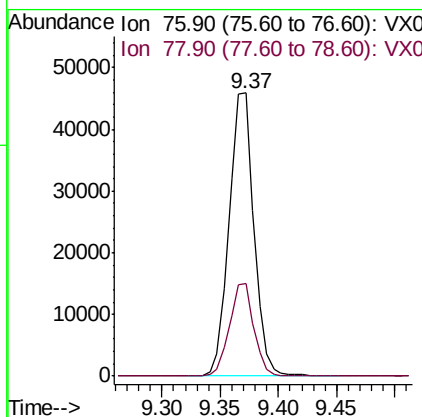
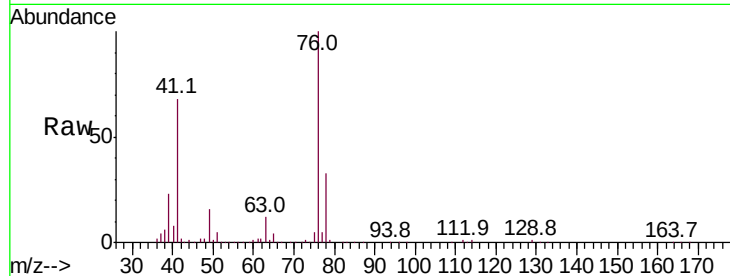
#57
 1,3-Dichloropropane
 Concen: 19.126 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.2	25.4	38.0

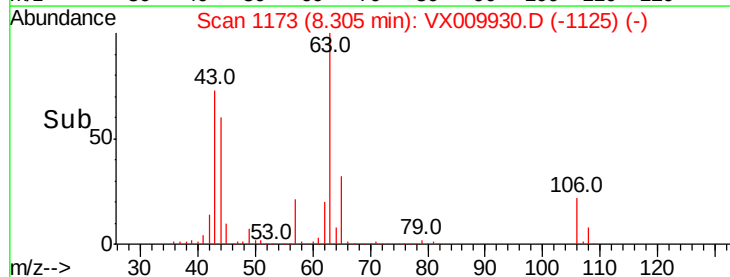
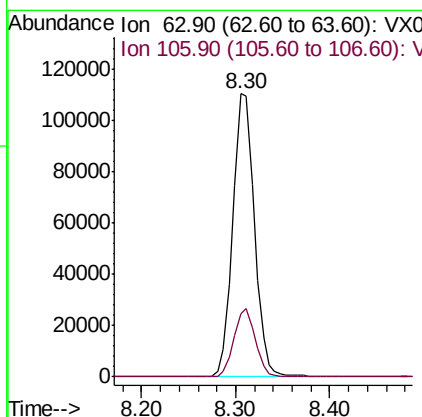
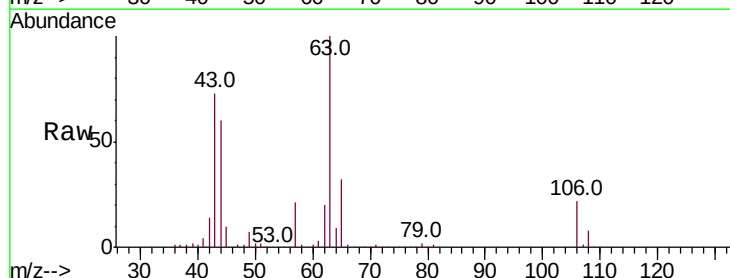
Manual Integrations
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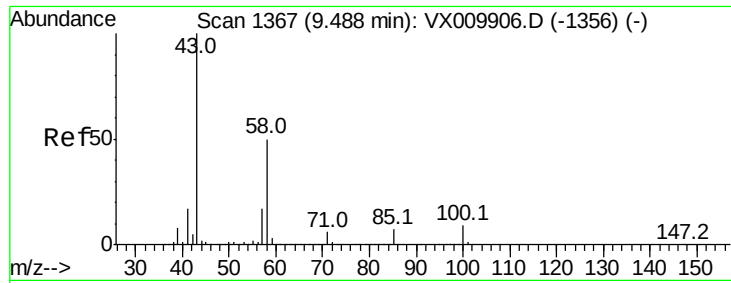
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 5/30/2019 9:54:23 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 95.045 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
63	100		
106	23.9	19.4	29.2





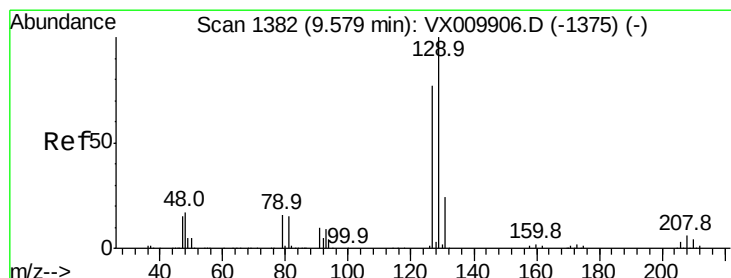
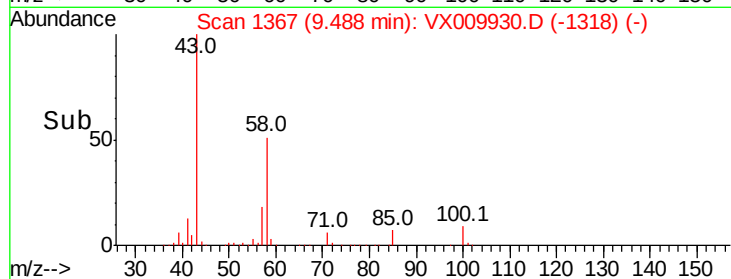
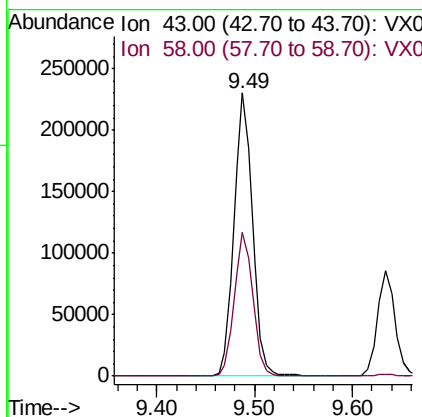
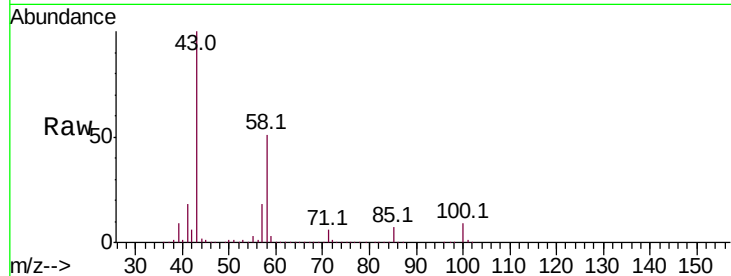
#59
2-Hexanone
Concen: 97.820 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

Tot Ion: 43 Resp: 302171
Ion Ratio Lower Upper
43 100
58 51.1 25.1 75.3

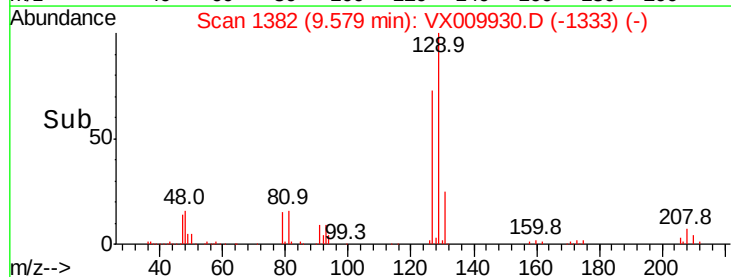
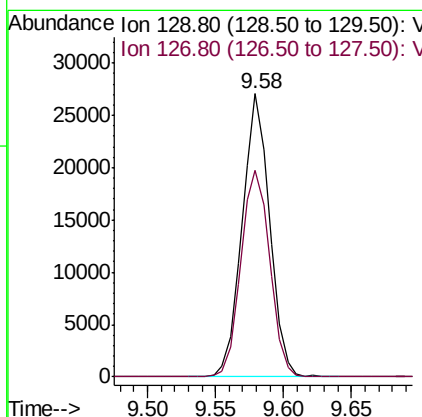
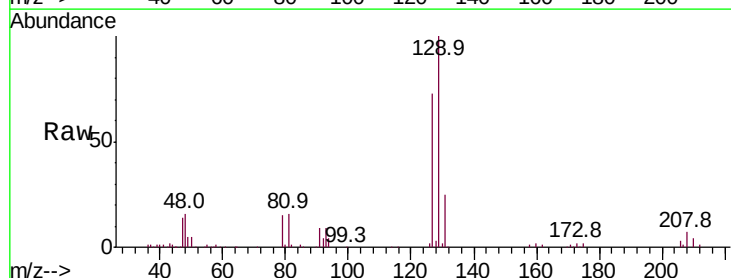
Manual Integrations
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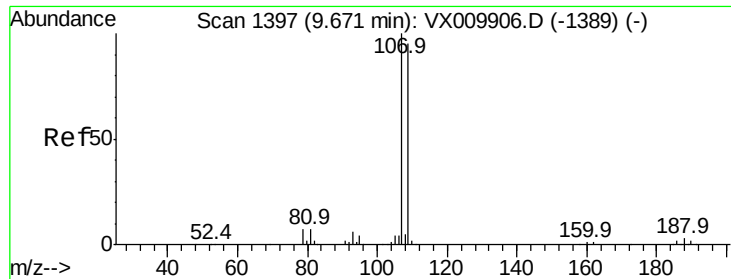
MMDadoda
5/30/2019 9:54:23 AM



#60
Dibromochloromethane
Concen: 19.554 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 129 Resp: 38253
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.5





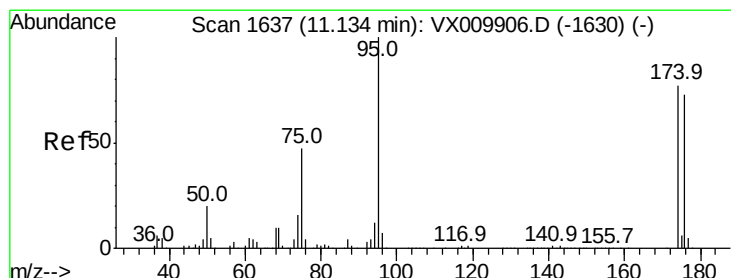
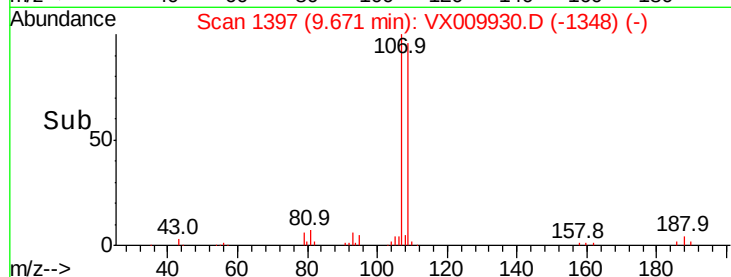
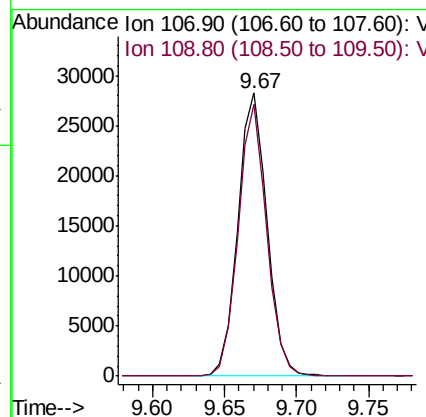
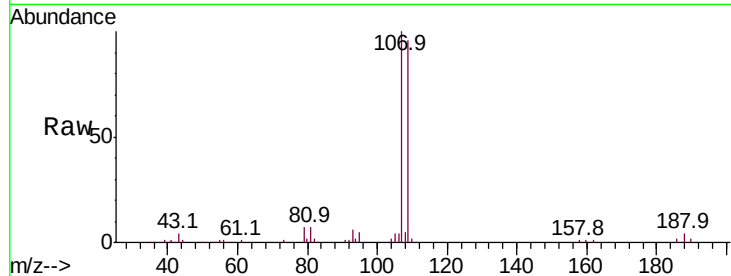
#61
 1,2-Dibromoethane
 Concen: 19.528 ug/l
 RT: 9.67 min Scan# 1397
 Delta R.T. 0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.0	75.4	113.2

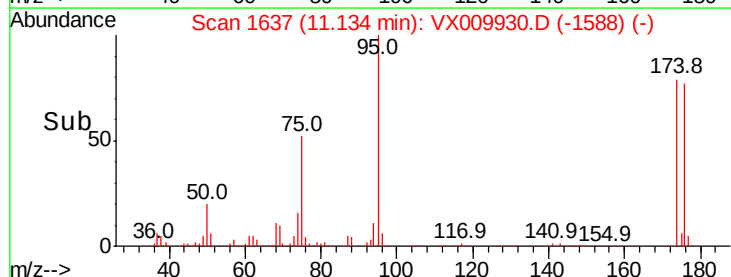
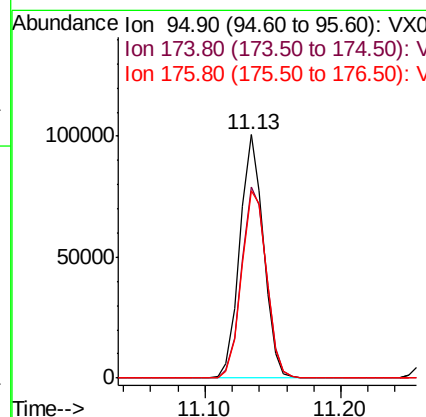
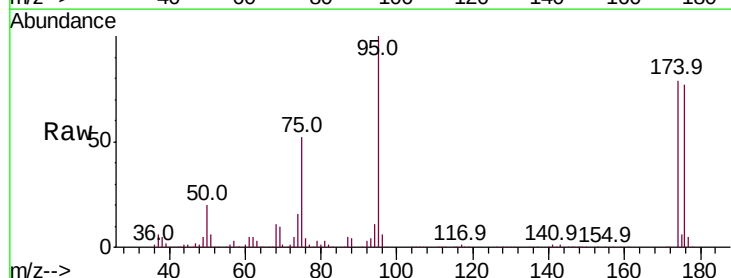
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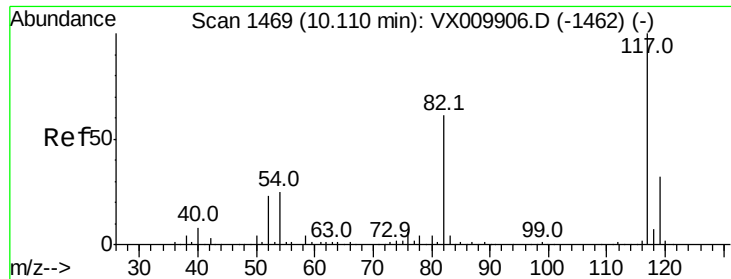
MMDadoda
 5/30/2019 9:54:23 AM



#62
 4-Bromofluorobenzene
 Concen: 49.166 ug/l
 RT: 11.13 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	82.4	0.0	160.4
176	81.0	0.0	154.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

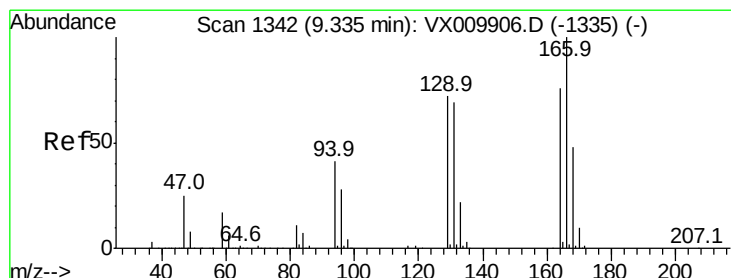
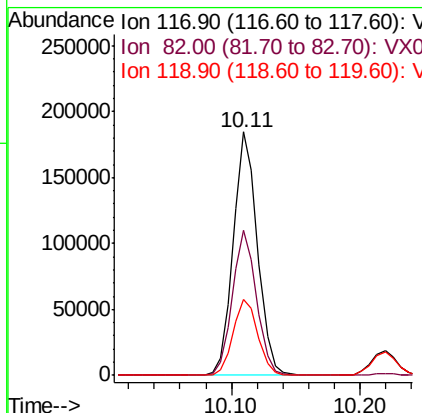
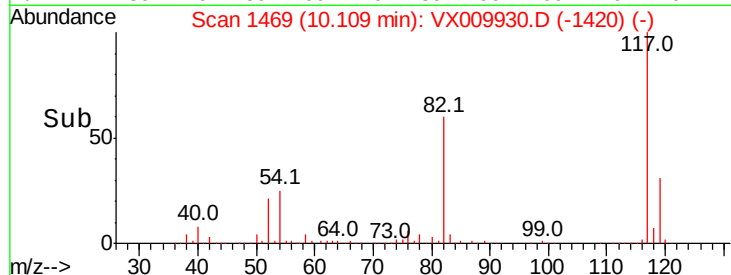
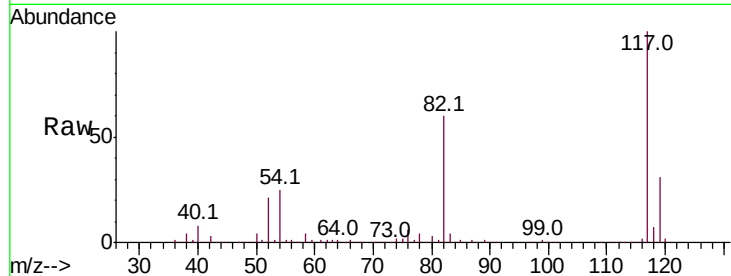
ClientSampleId :

VX0529WBS01

Tot Ion:	117	Resp:	241871
Ion Ratio	Lower	Upper	
117	100		
82	59.7	49.2	73.8
119	31.3	25.2	37.8

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#64

Tetrachloroethene

Concen: 21.124 ug/l

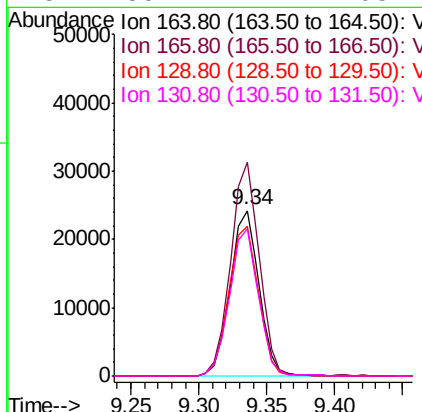
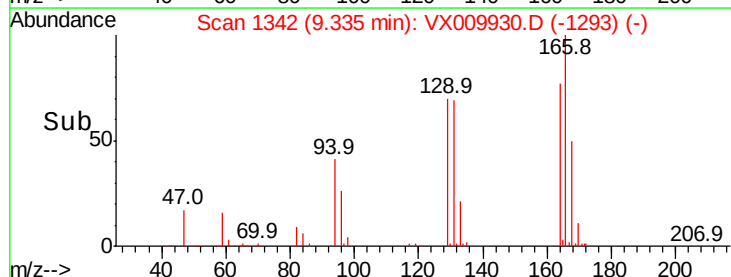
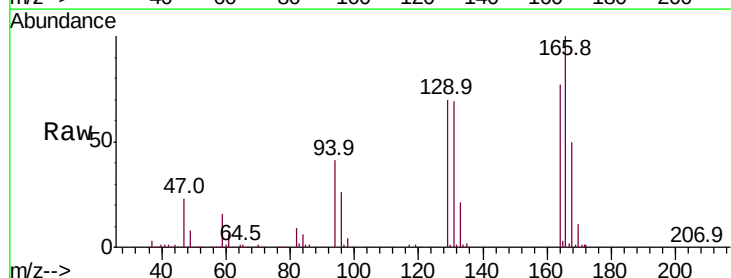
RT: 9.34 min Scan# 1342

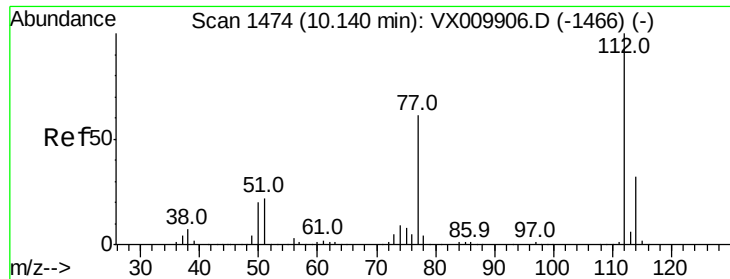
Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion:	164	Resp:	35688
Ion Ratio	Lower	Upper	
164	100		
166	129.2	105.0	157.4
129	90.7	75.1	112.7
131	89.4	72.2	108.4





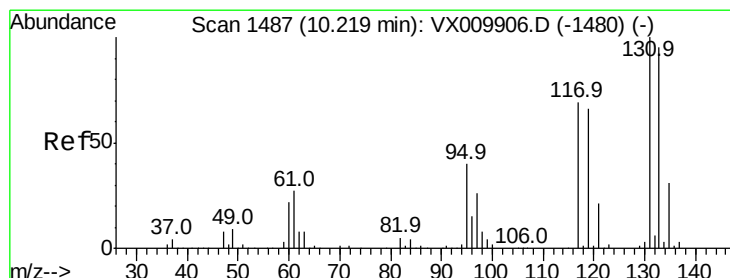
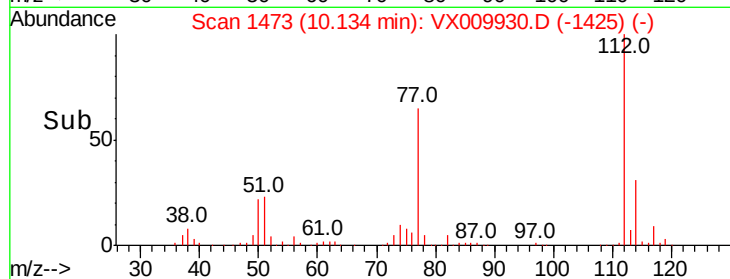
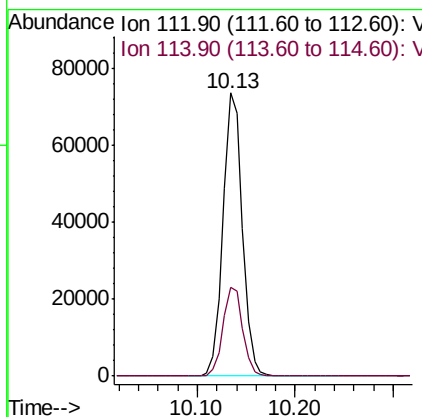
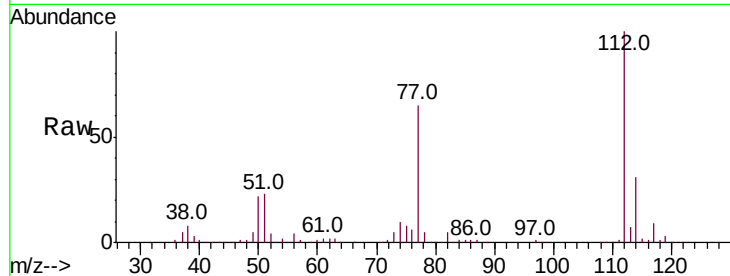
#65
Chlorobenzene
Concen: 19.964 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion:112 Resp: 101088
Ion Ratio Lower Upper
112 100
114 31.4 25.8 38.8

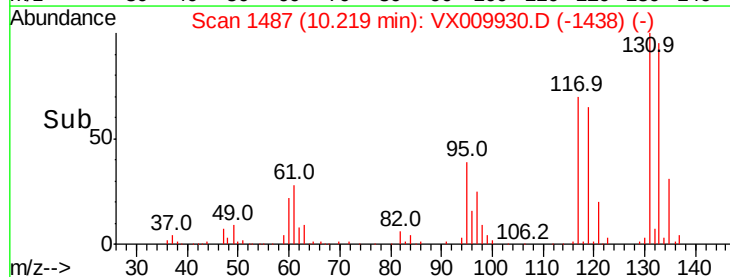
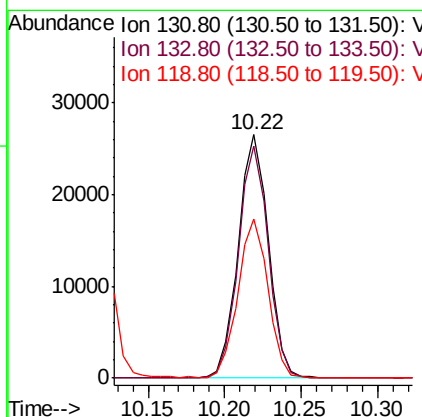
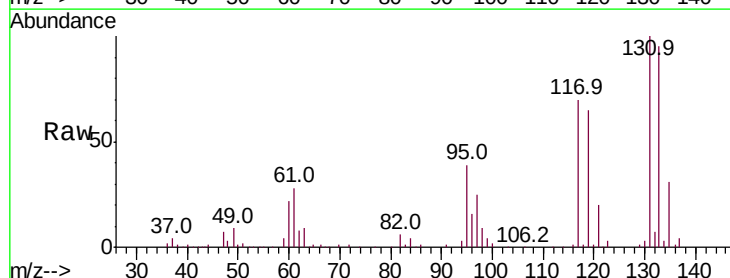
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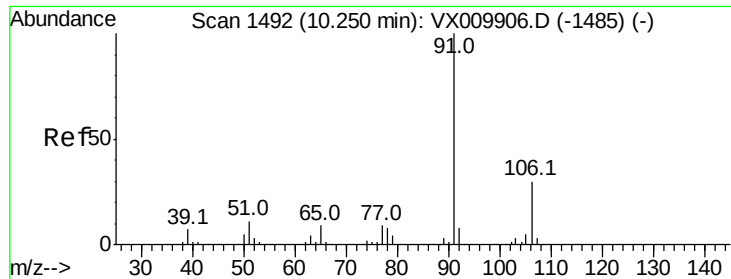
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.582 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion:131 Resp: 36148
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 65.3 33.4 100.1





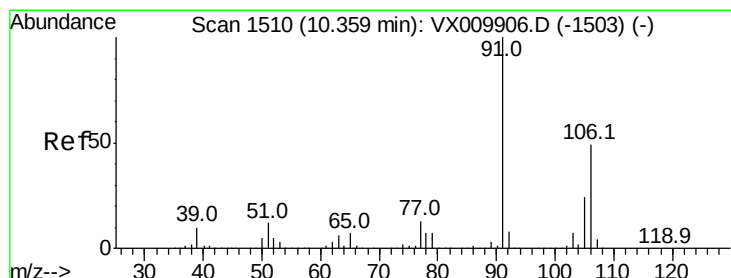
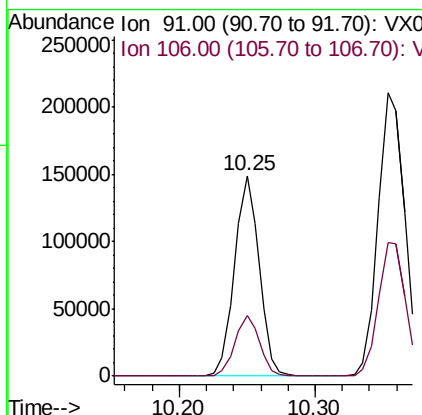
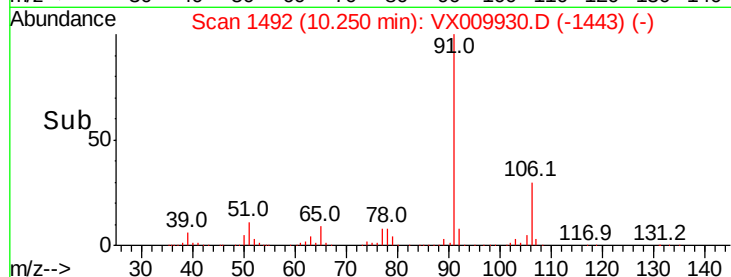
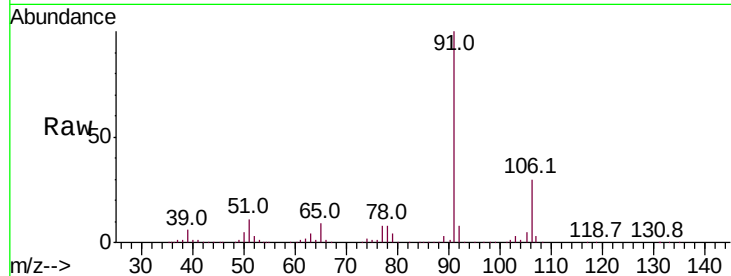
#67
Ethyl Benzene
Concen: 20.657 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion: 91 Resp: 187810
Ion Ratio Lower Upper
91 100
106 30.2 23.9 35.9

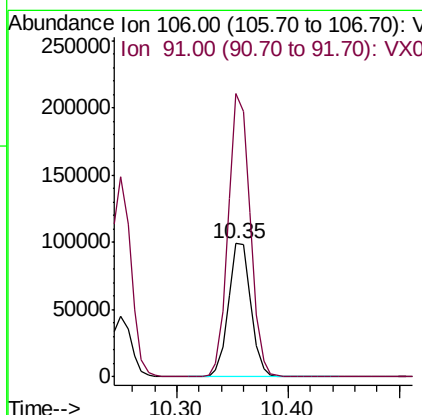
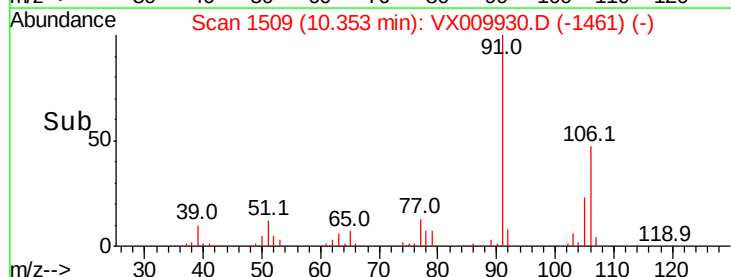
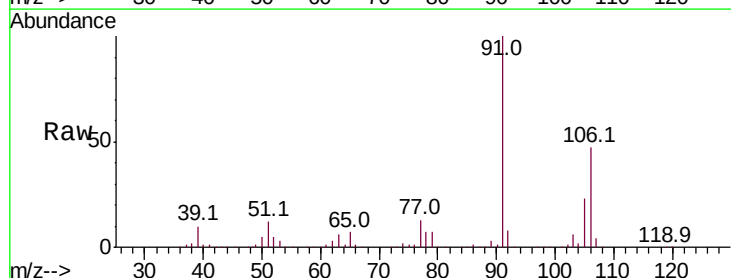
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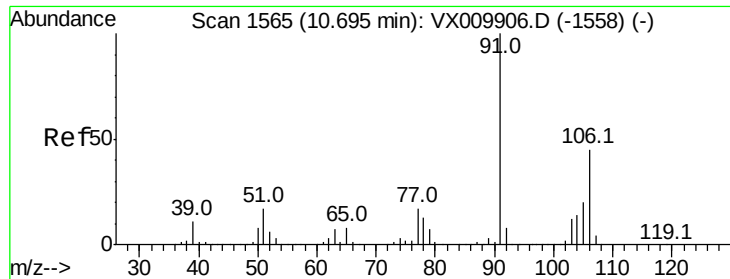
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#68
m/p-Xylenes
Concen: 41.096 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 106 Resp: 138035
Ion Ratio Lower Upper
106 100
91 207.9 167.3 250.9





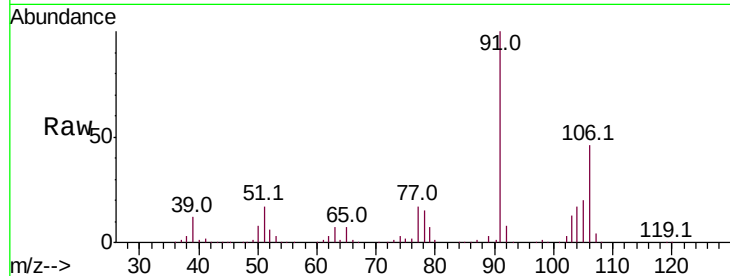
#69
o-Xylene
Concen: 20.882 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampled :
VX0529WBS01

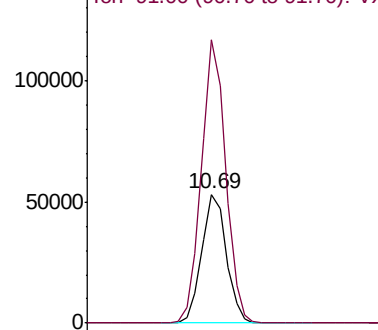
Tot Ion:106 Resp: 67265
Ion Ratio Lower Upper
106 100
91 216.0 110.4 331.2

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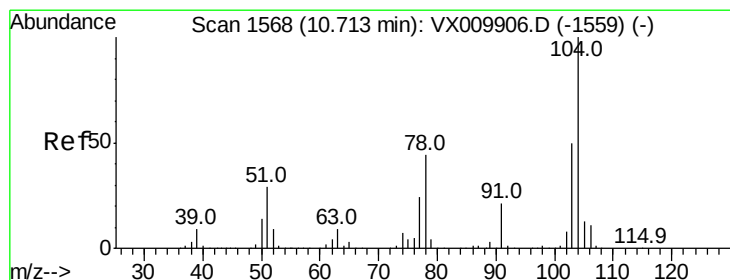
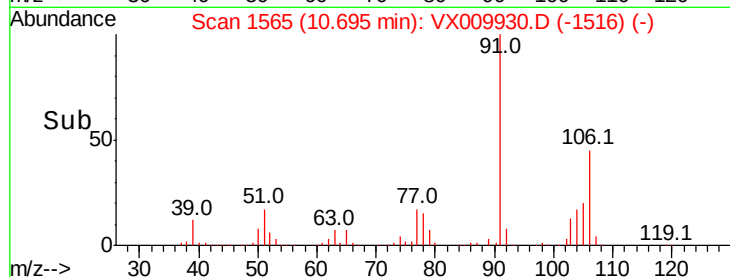
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Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

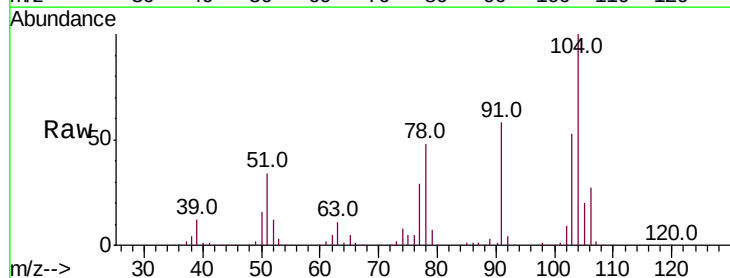


Time-->

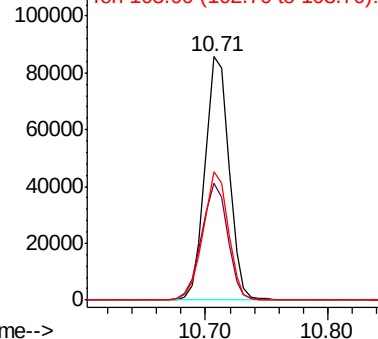


#70
Styrene
Concen: 20.542 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

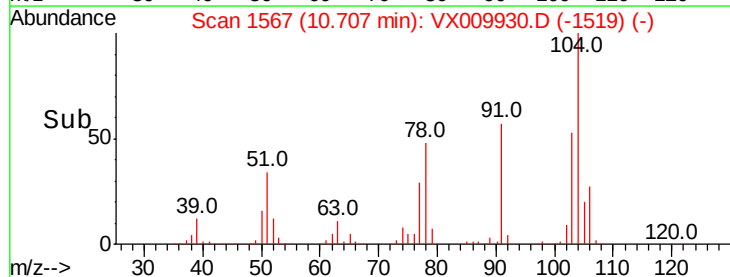
Tgt Ion:104 Resp: 116030
Ion Ratio Lower Upper
104 100
78 52.3 42.1 63.1
103 55.6 44.1 66.1

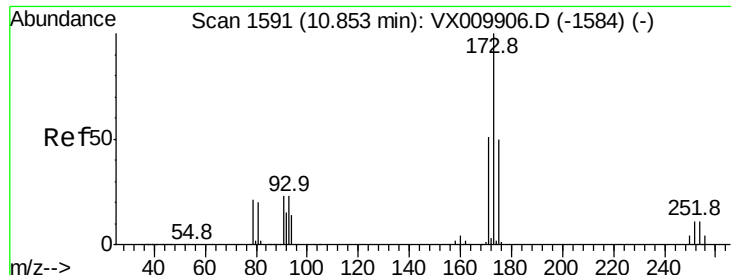


Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V



Time-->





#71

Bromoform

Concen: 20.067 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tot Ion:173 Resp: 28808

Ion Ratio Lower Upper

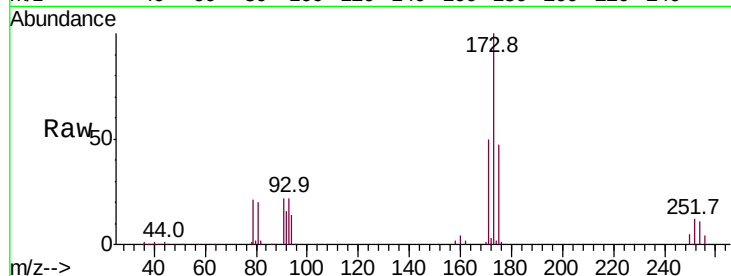
173 100

175 48.5 25.0 75.0

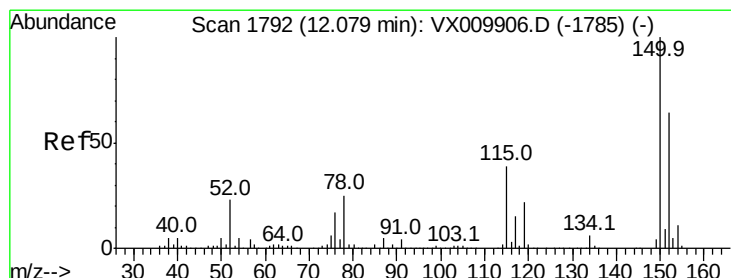
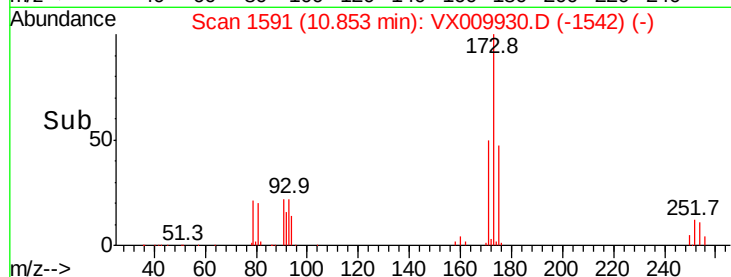
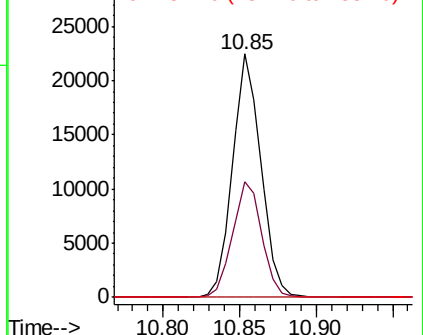
254 0.0 0.2 0.2#

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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: VX009930.D

Acq: 29 May 2019 11:22

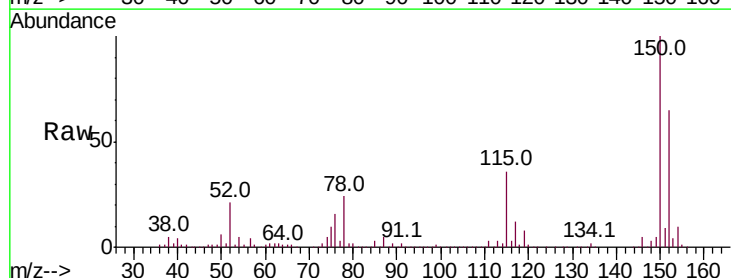
Tgt Ion:152 Resp: 121662

Ion Ratio Lower Upper

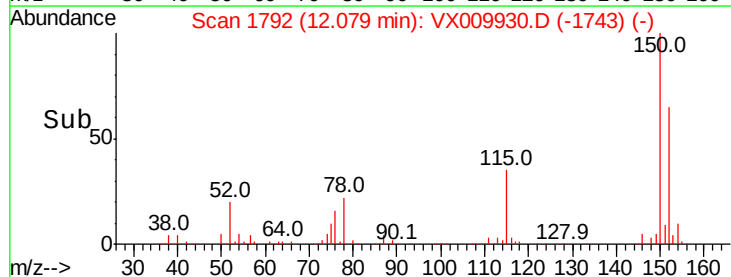
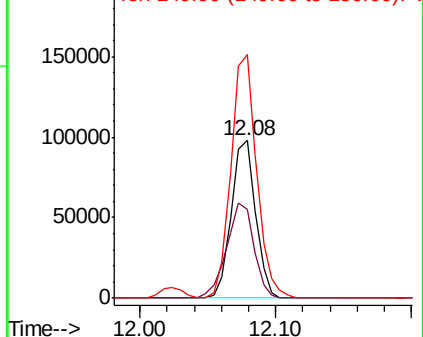
152 100

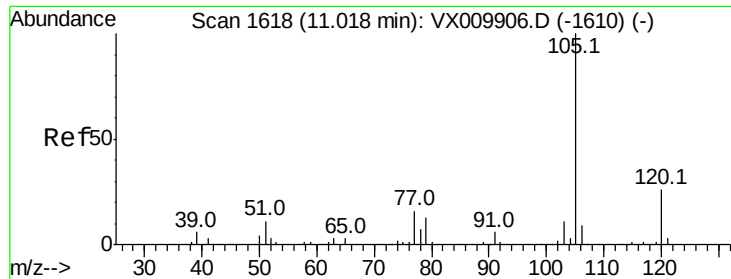
115 67.7 41.4 124.2

150 162.8 0.0 345.2



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





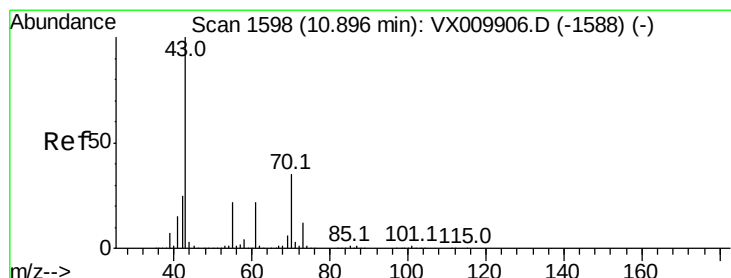
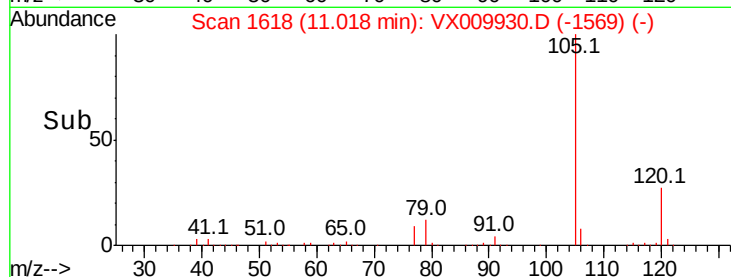
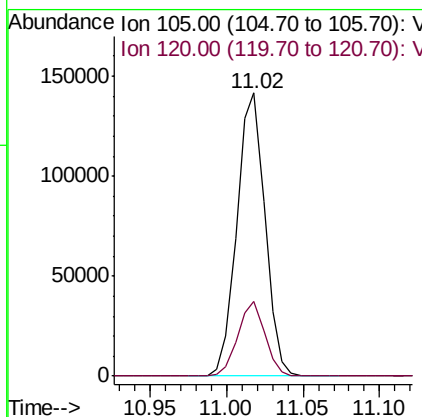
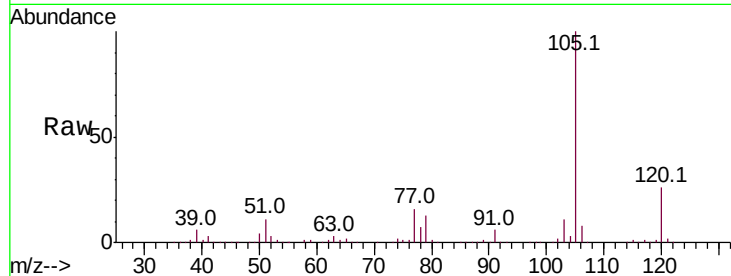
#73
Isopropylbenzene
Concen: 20.081 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion:105 Resp: 180254
Ion Ratio Lower Upper
105 100
120 25.6 12.8 38.4

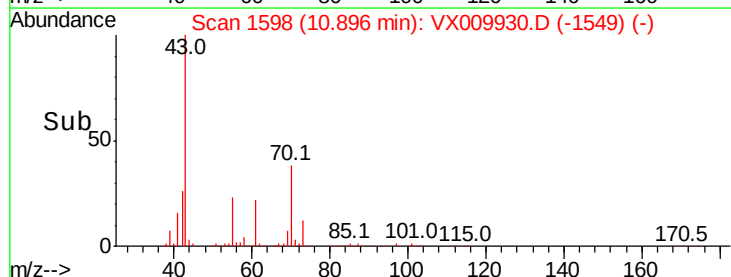
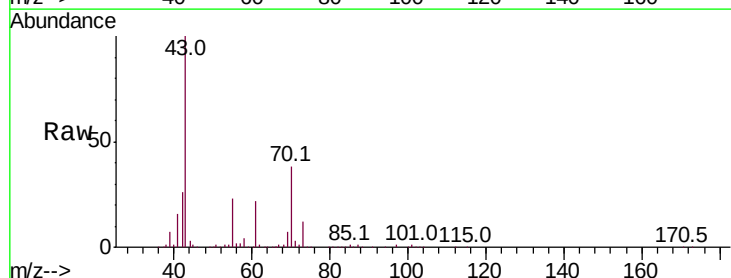
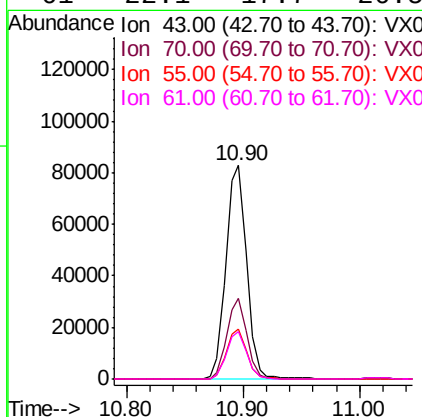
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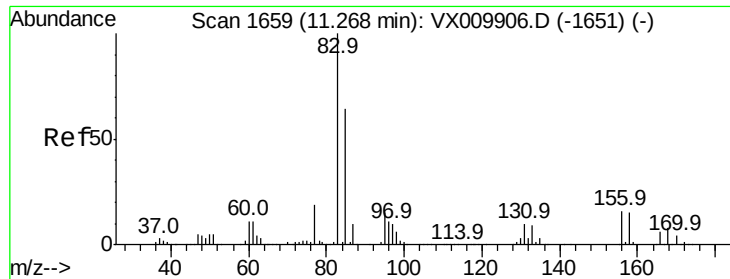
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5/30/2019 9:54:23 AM



#74
N-ethyl acetate
Concen: 18.965 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion: 43 Resp: 101725
Ion Ratio Lower Upper
43 100
70 37.0 28.6 43.0
55 23.0 17.8 26.8
61 22.1 17.7 26.5





#75

1,1,2,2-Tetrachloroethane

Concen: 19.309 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

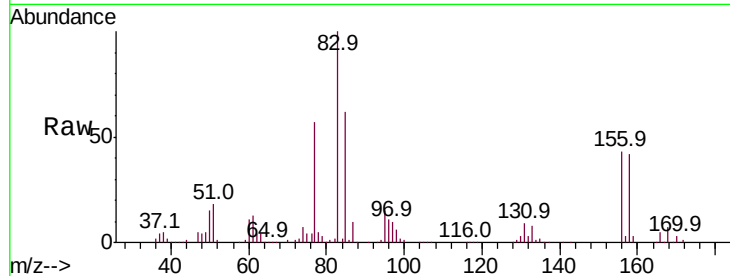
ClientSampleId :

VX0529WBS01

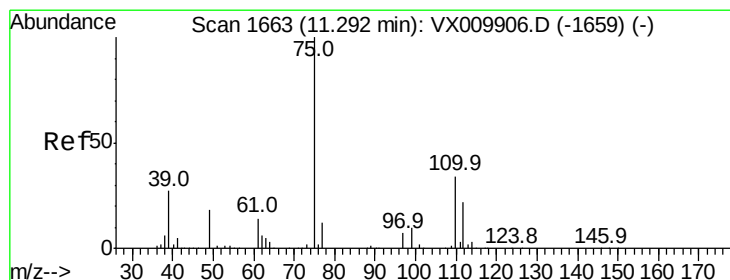
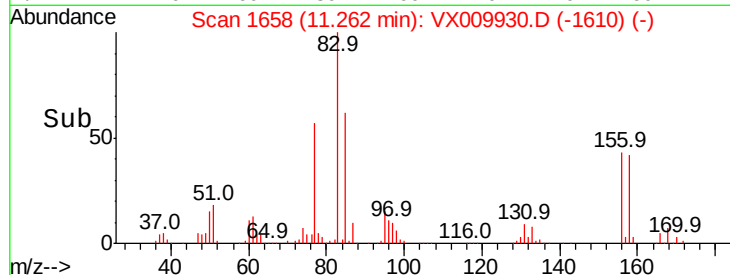
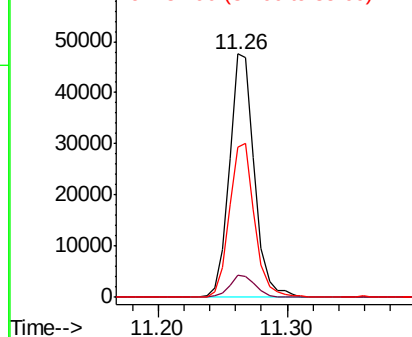
Tot Ion:	83	Resp:	64662
Ion	Ratio	Lower	Upper
83	100		
131	9.4	4.7	14.1
85	63.7	31.9	95.9

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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: 19.553 ug/l m

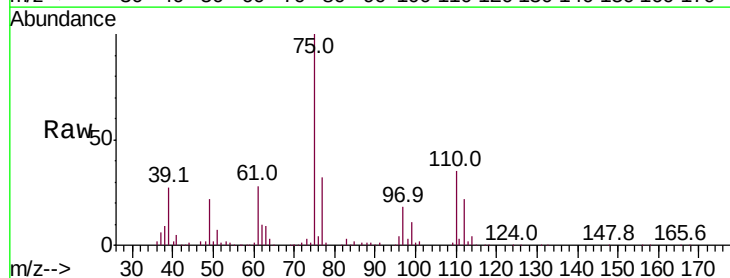
RT: 11.29 min Scan# 1663

Delta R.T. -0.00 min

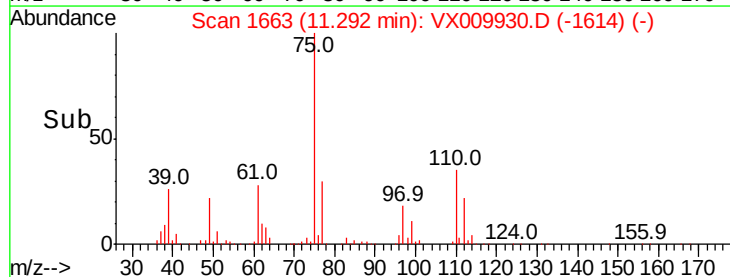
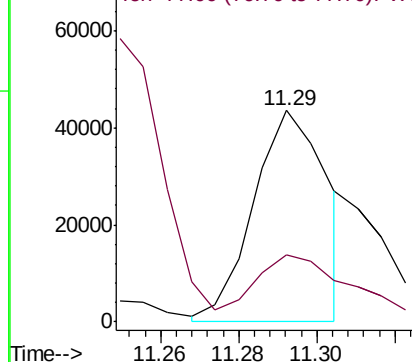
Lab File: VX009930.D

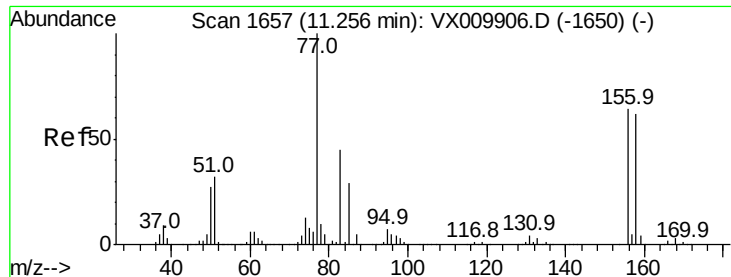
Acq: 29 May 2019 11:22

Tgt Ion:	75	Resp:	56887
Ion	Ratio	Lower	Upper
75	100		
77	42.2	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: 19.262 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

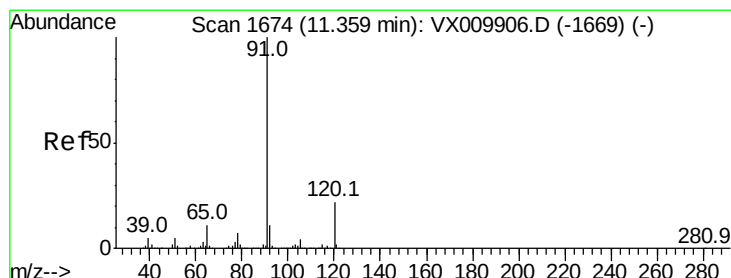
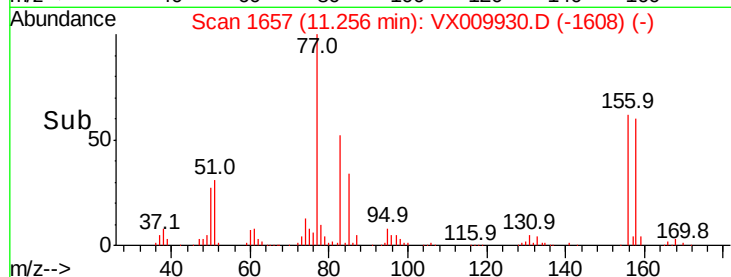
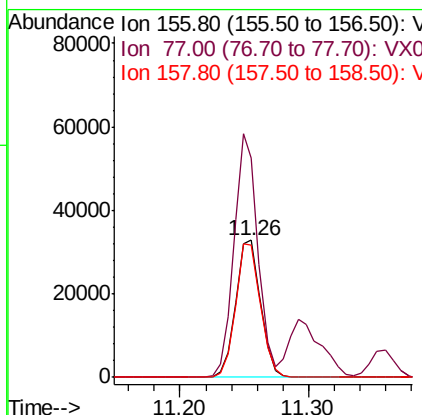
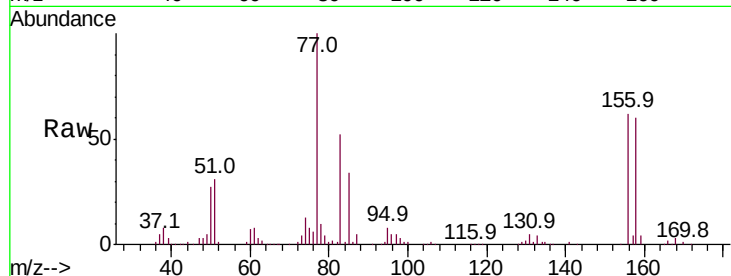
ClientSampleId :

VX0529WBS01

Tot Ion	Ratio	Lower	Upper
156	100		
77	170.4	86.8	260.3
158	97.5	49.6	148.8

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#78

n-propylbenzene

Concen: 20.424 ug/l

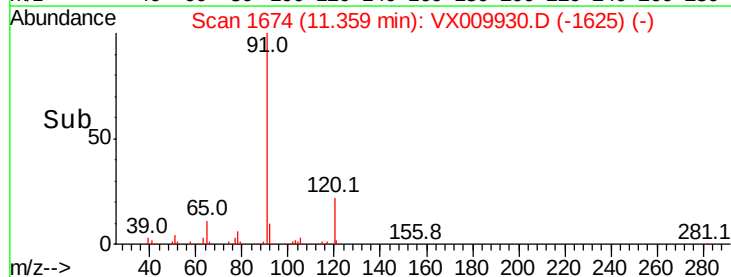
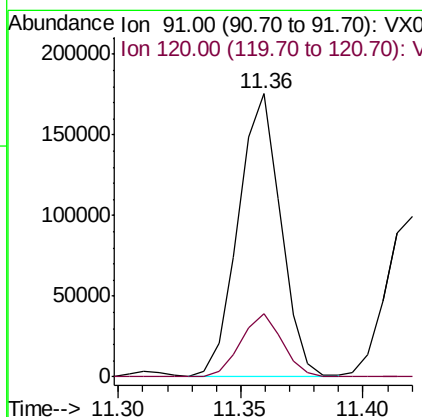
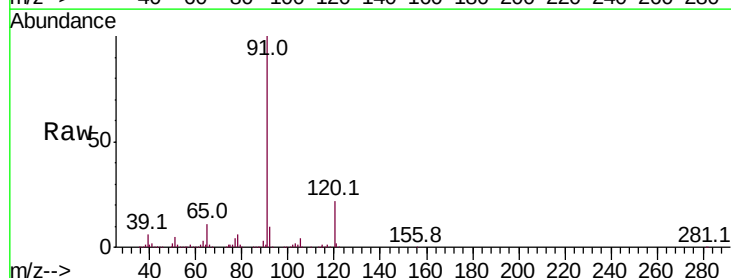
RT: 11.36 min Scan# 1674

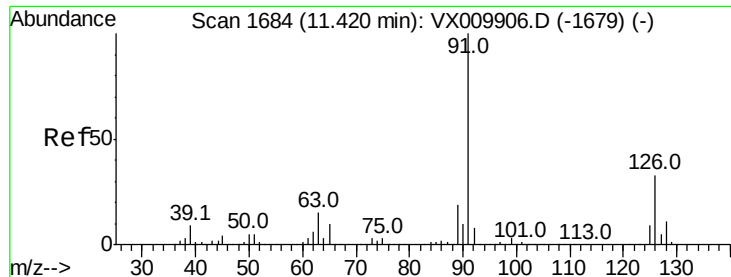
Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.0	11.1	33.3





#79

2-Chlorotoluene

Concen: 19.605 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tot Ion: 91 Resp: 123937

Ion Ratio Lower Upper

91 100

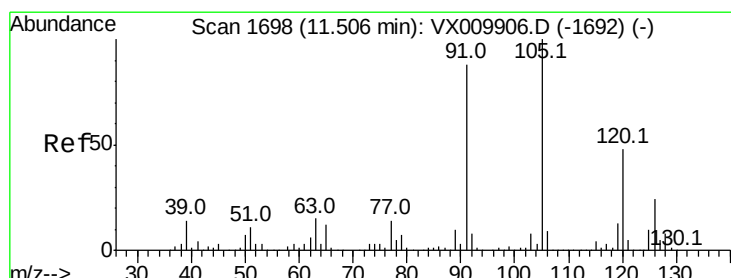
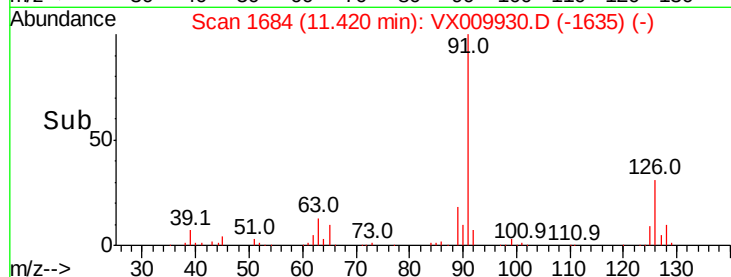
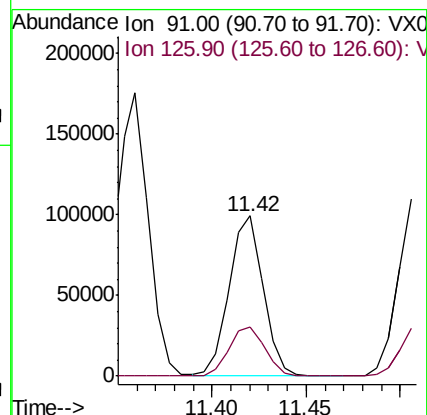
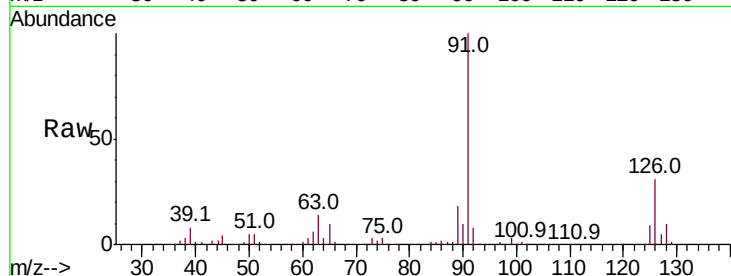
126 32.7 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 20.284 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX009930.D

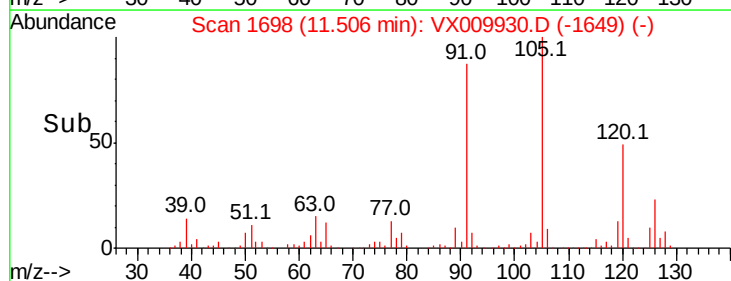
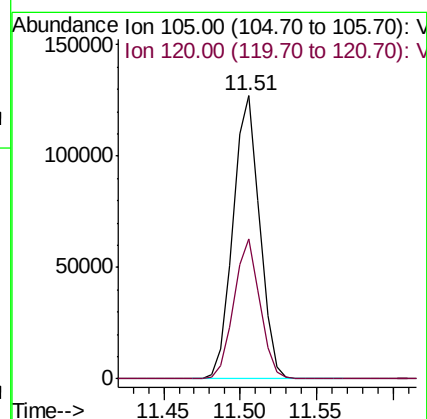
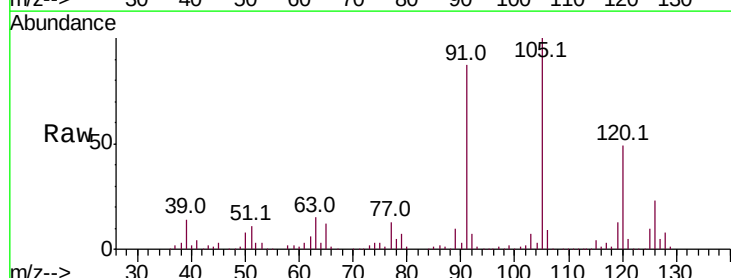
Acq: 29 May 2019 11:22

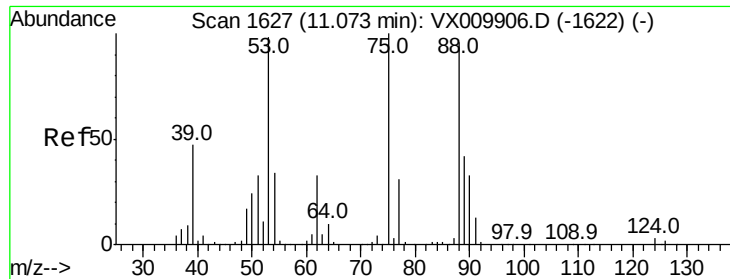
Tgt Ion:105 Resp: 153392

Ion Ratio Lower Upper

105 100

120 48.1 24.1 72.3





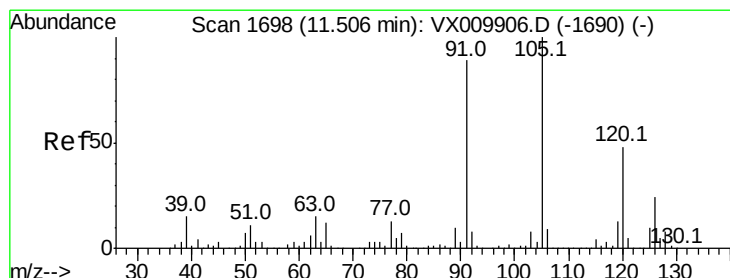
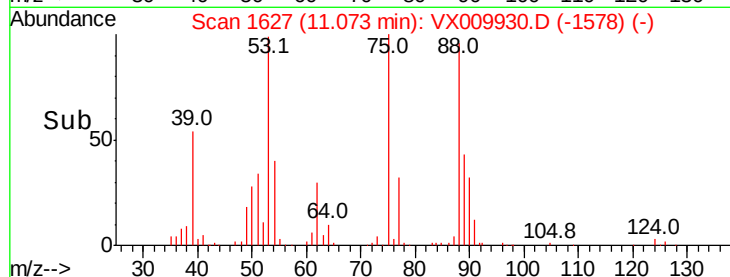
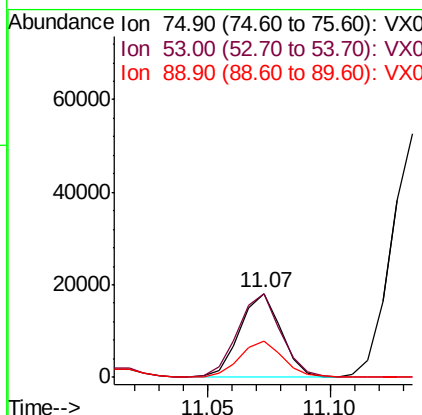
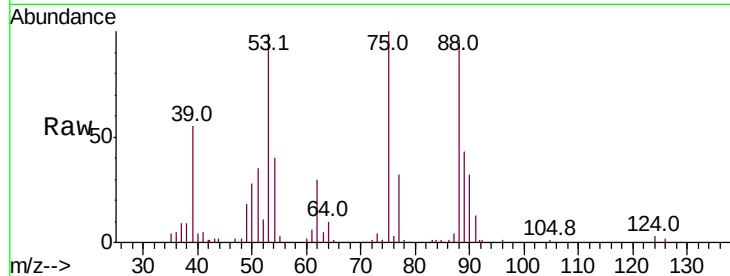
#81
trans-1,4-Dichloro-2-butene
Concen: 18.185 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion	Ratio	Lower	Upper
75	100		
53	105.7	79.8	119.6
89	45.3	34.2	51.4

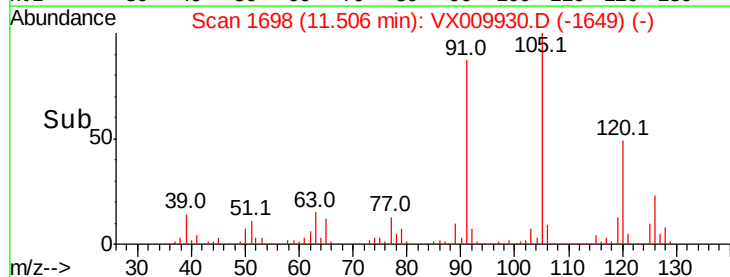
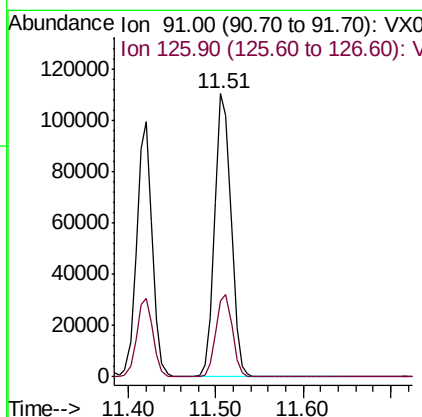
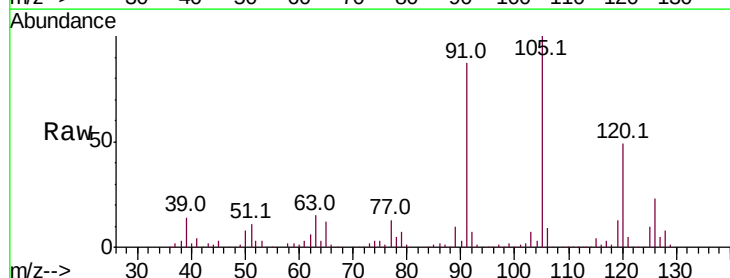
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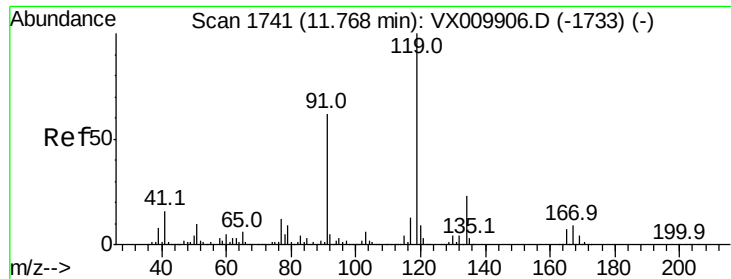
MMDadoda
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#82
4-Chlorotoluene
Concen: 19.454 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.9	14.2	42.6





#83

tert-Butylbenzene

Concen: 20.214 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

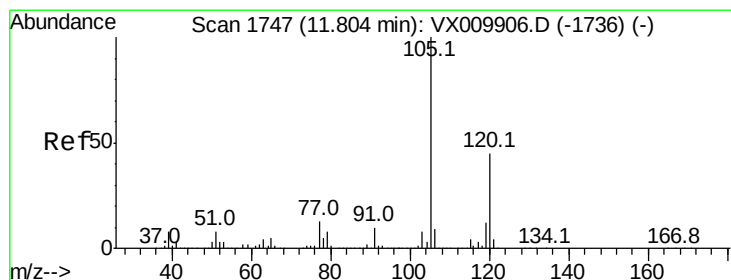
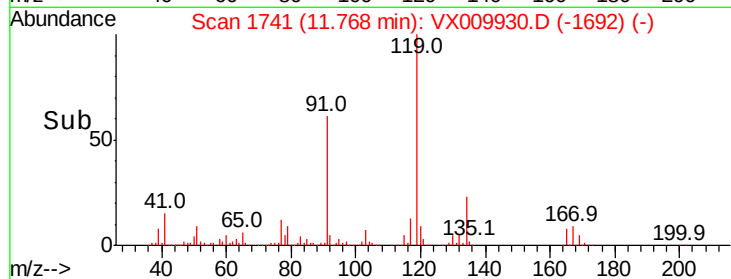
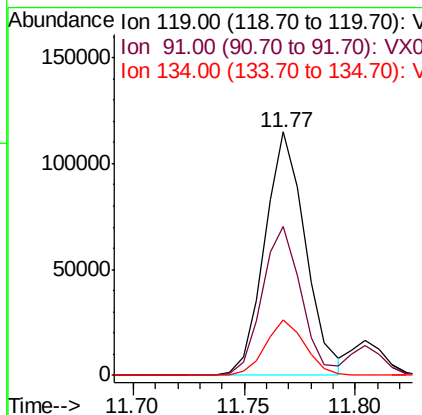
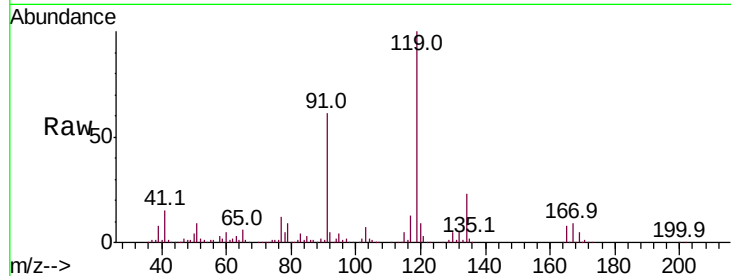
ClientSampleId :

VX0529WBS01

Tot Ion:	119	Resp:	146249
Ion Ratio	Lower	Upper	
119	100		
91	59.0	30.0	90.0
134	22.0	11.2	33.5

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#84

1,2,4-Trimethylbenzene

Concen: 20.111 ug/l

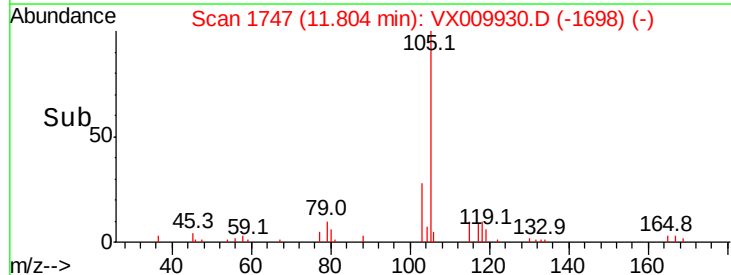
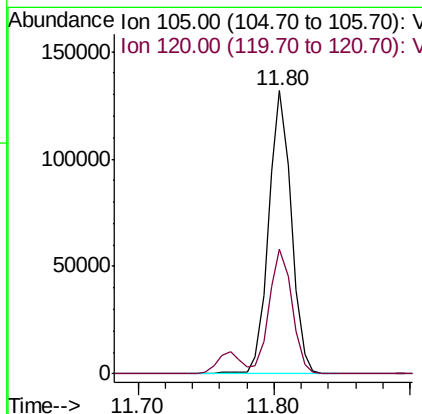
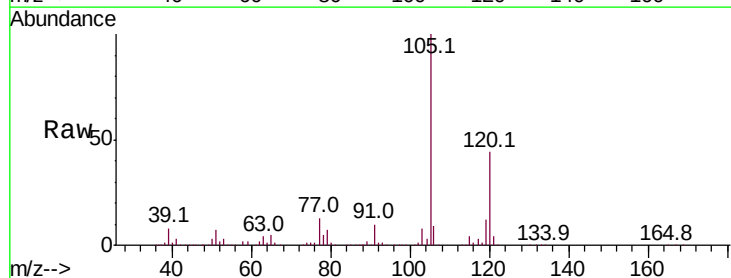
RT: 11.80 min Scan# 1747

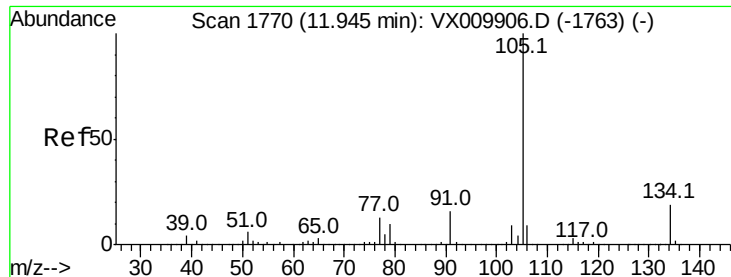
Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion:	105	Resp:	154452
Ion Ratio	Lower	Upper	
105	100		
120	44.9	22.1	66.1





#85

sec-Butylbenzene

Concen: 20.437 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

ClientSampleId :

VX0529WBS01

Tot Ion:105 Resp: 175909

Ion Ratio Lower Upper

105 100

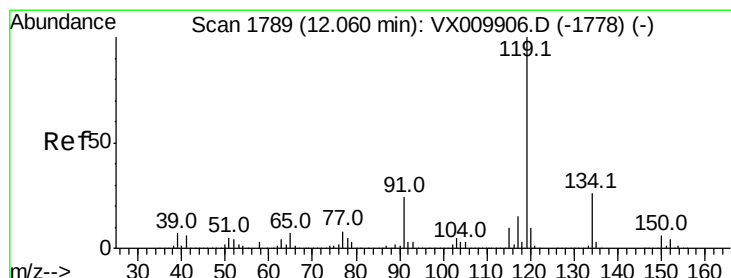
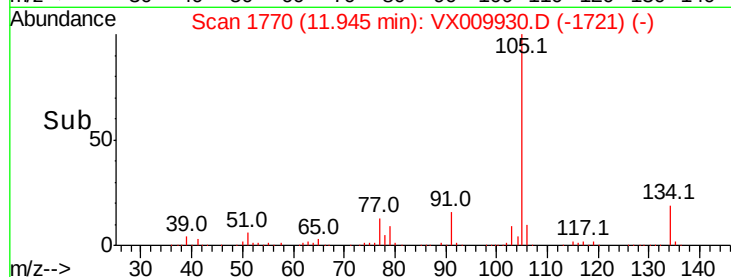
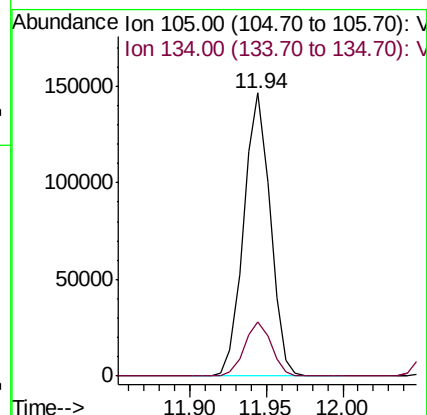
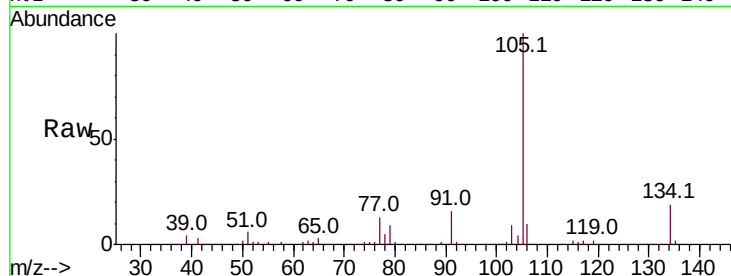
134 19.5 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 20.891 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

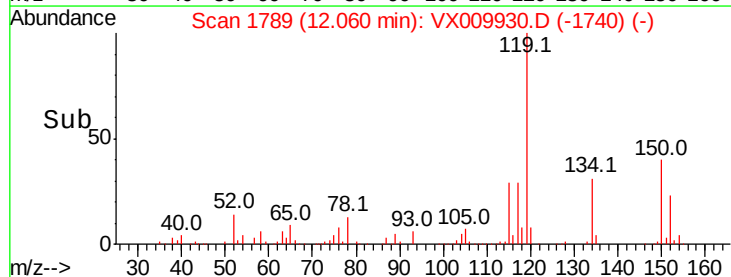
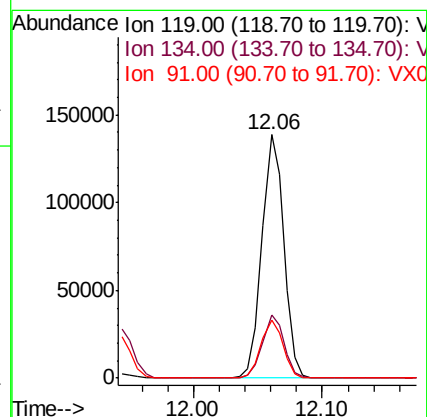
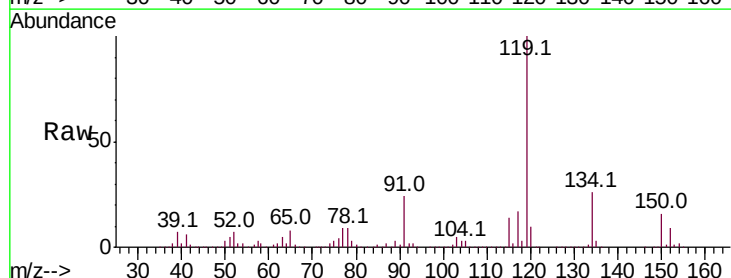
Tgt Ion:119 Resp: 161736

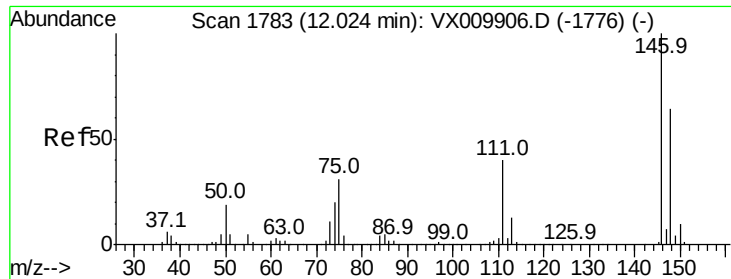
Ion Ratio Lower Upper

119 100

134 25.9 12.9 38.6

91 24.0 11.9 35.9





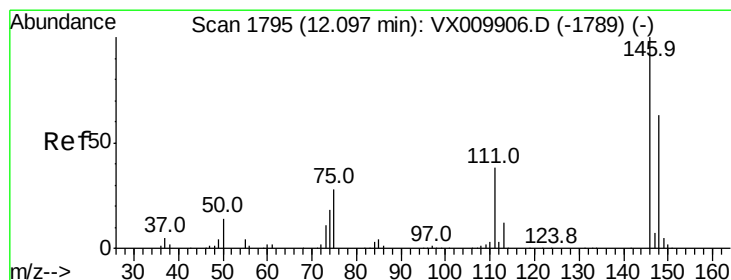
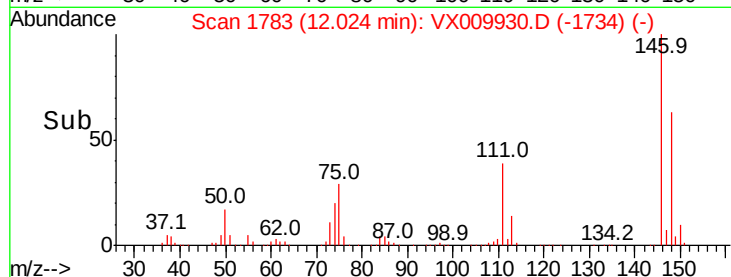
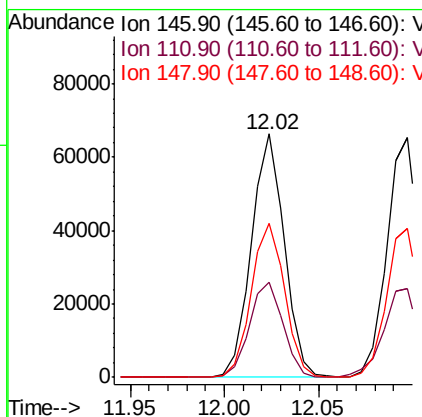
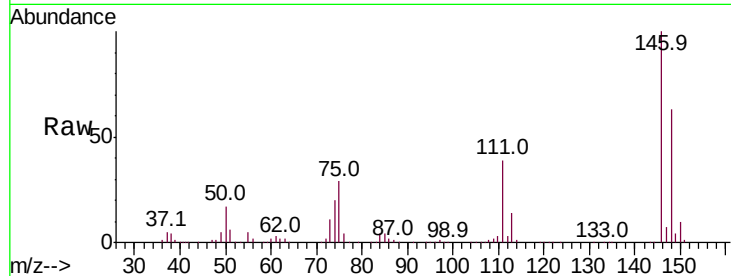
#87
 1,3-Dichlorobenzene
 Concen: 19.714 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.1	60.2
148	64.0	31.9	95.5

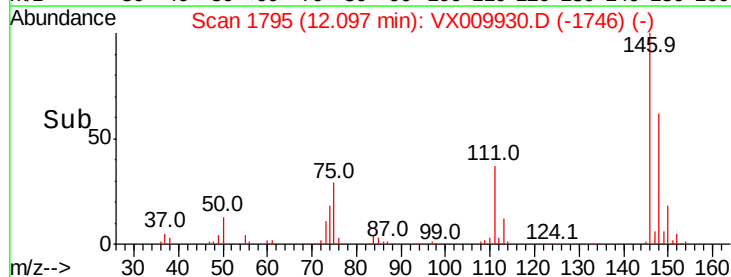
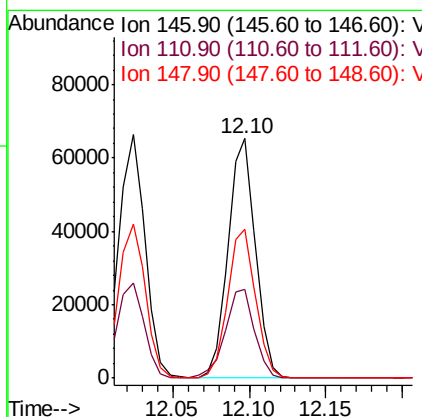
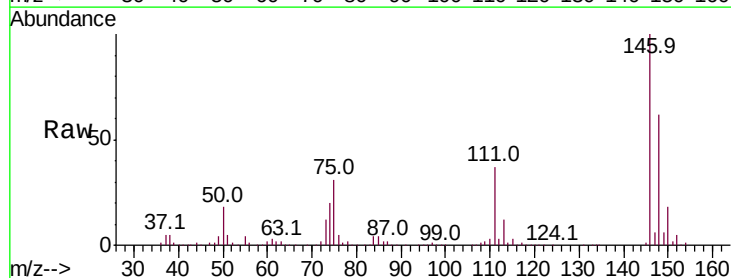
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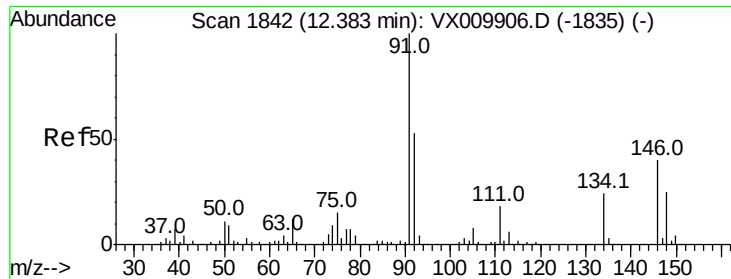
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#88
 1,4-Dichlorobenzene
 Concen: 19.477 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.1	20.0	59.9
148	63.3	32.3	96.9





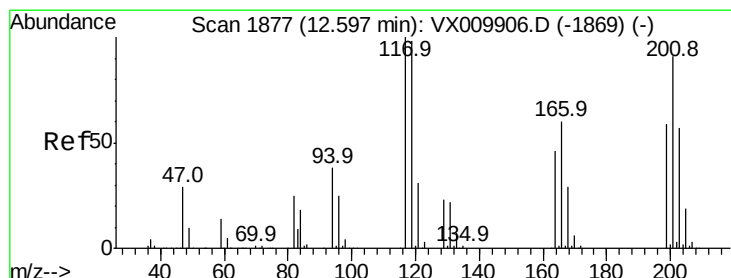
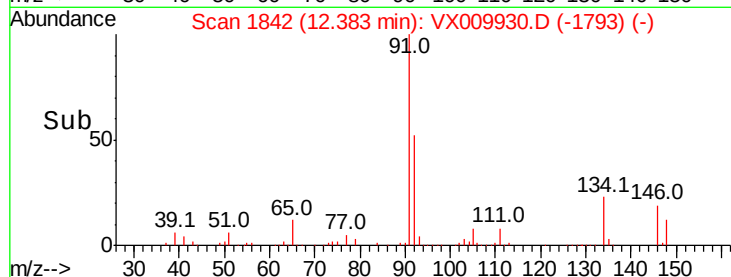
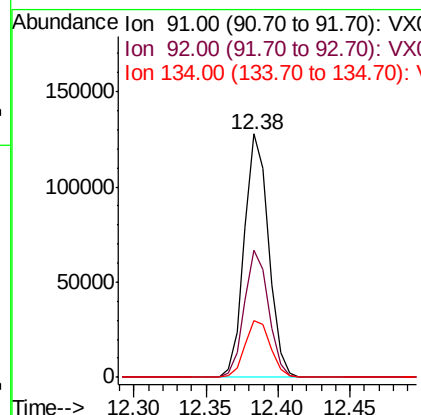
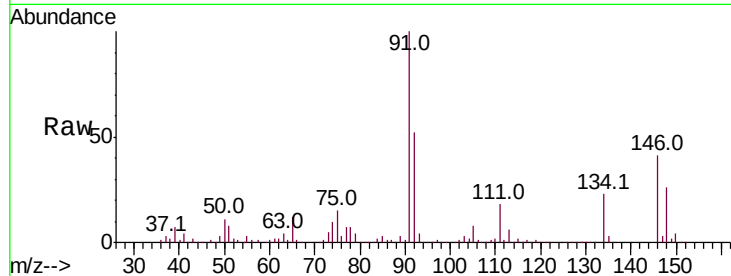
#89
n-Butylbenzene
Concen: 20.629 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.00 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Instrument :
MSVOA_X
ClientSampleId :
VX0529WBS01

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.1	26.3	78.8
134	24.2	12.3	36.8

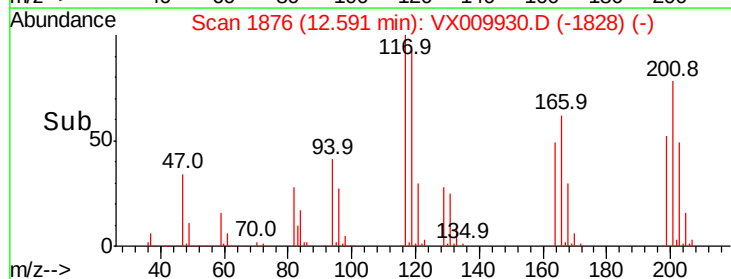
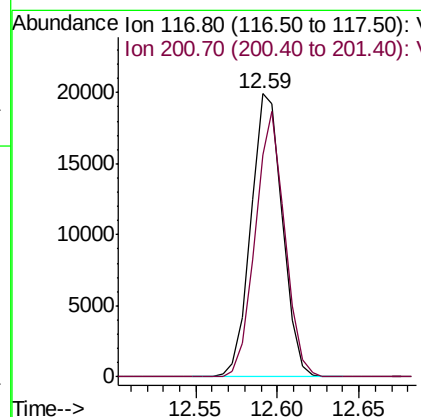
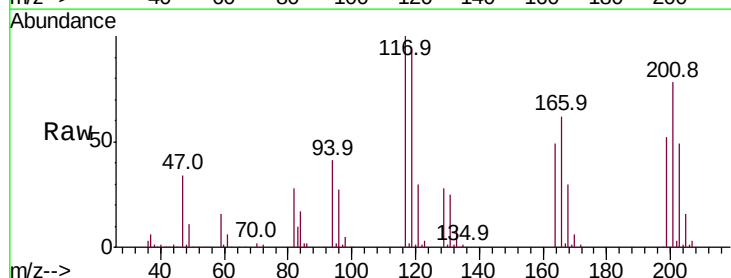
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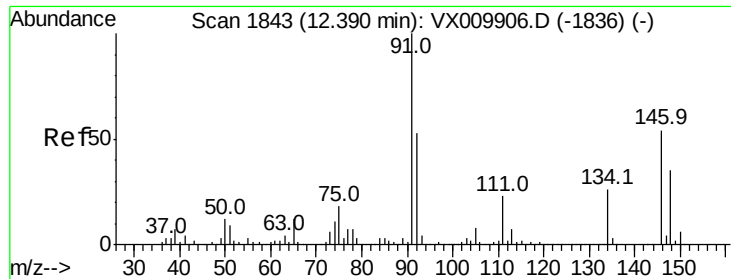
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#90
Hexachloroethane
Concen: 20.207 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009930.D
Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	87.1	43.6	130.9





#91

1,2-Dichlorobenzene

Concen: 19.684 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

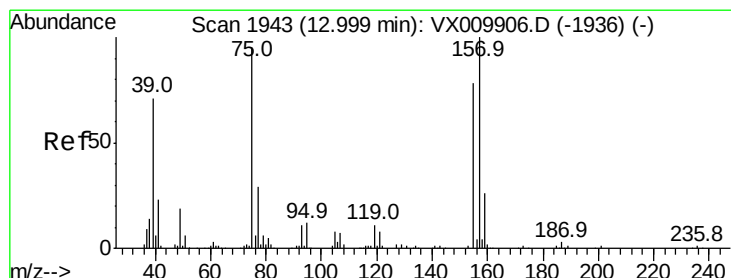
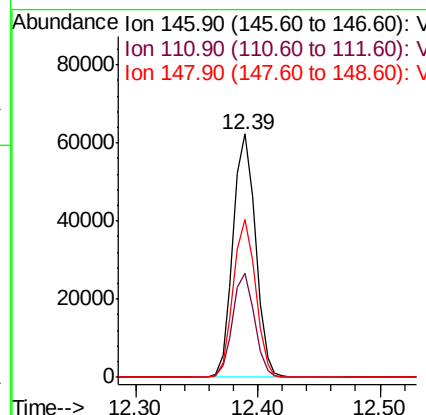
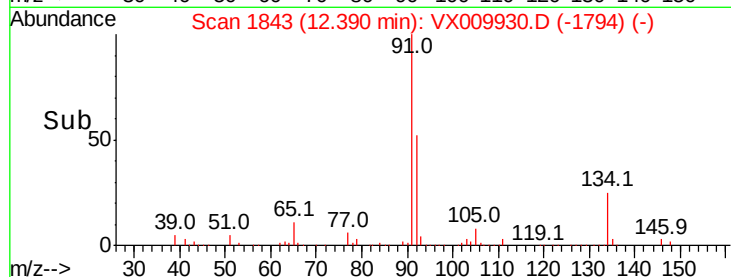
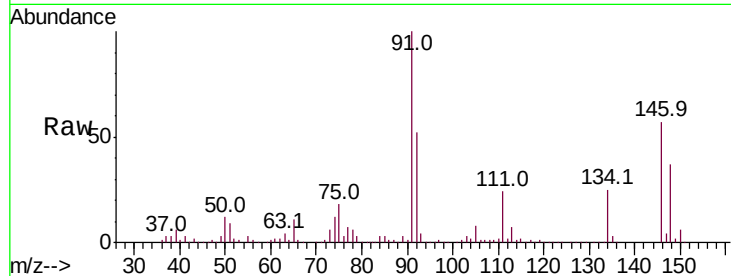
ClientSampleId :

VX0529WBS01

Tot Ion:	146	Resp:	79040
Ion Ratio	Lower	Upper	
146	100		
111	41.6	21.1	63.1
148	64.4	32.3	96.8

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 18.681 ug/l

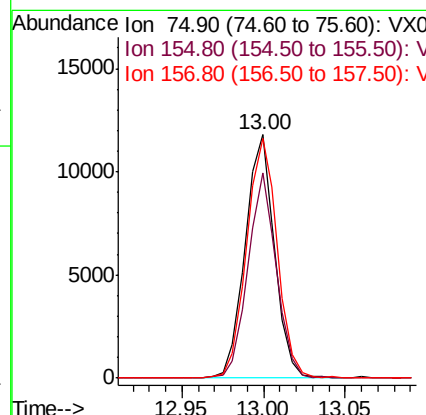
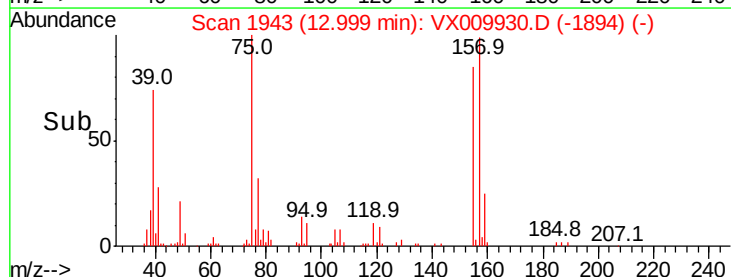
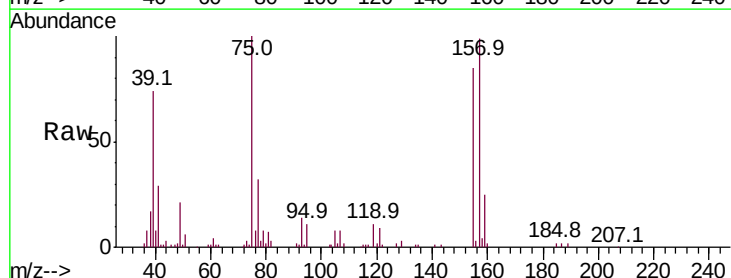
RT: 13.00 min Scan# 1943

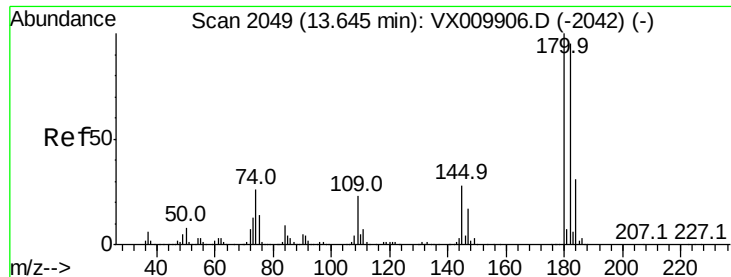
Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion:	75	Resp:	14726
Ion Ratio	Lower	Upper	
75	100		
155	82.3	39.3	117.8
157	103.2	50.6	151.8





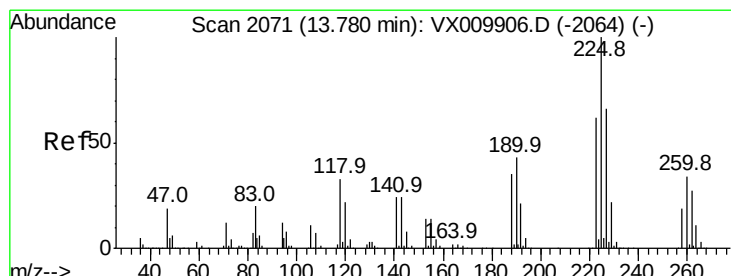
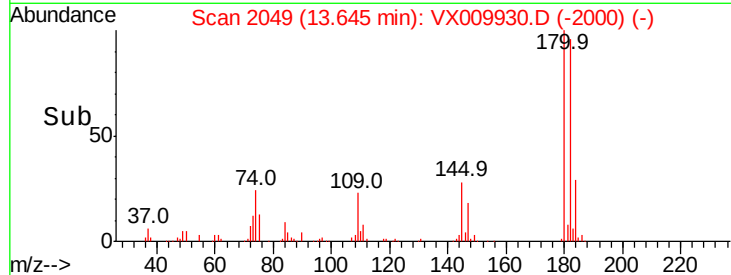
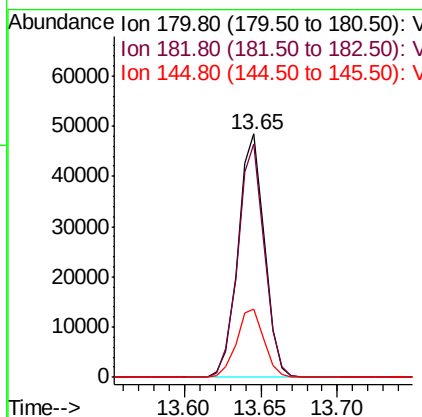
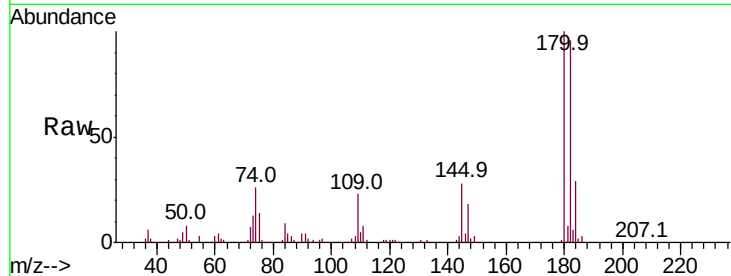
#93
 1,2,4-Trichlorobenzene
 Concen: 20.045 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0529WBS01

Tot Ion	Ratio	Resp	Lower	Upper
180	100	57518		
182	96.5	47.4	142.2	
145	29.1	14.5	43.5	

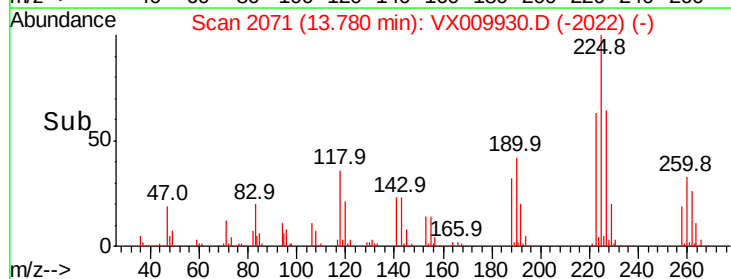
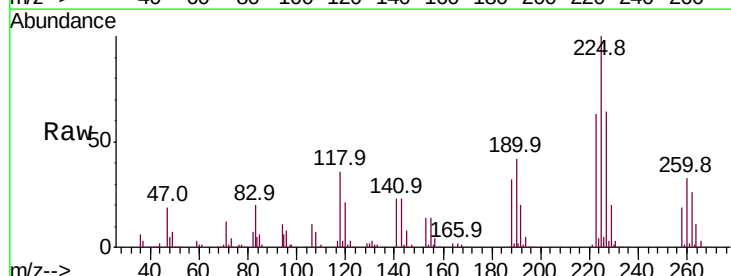
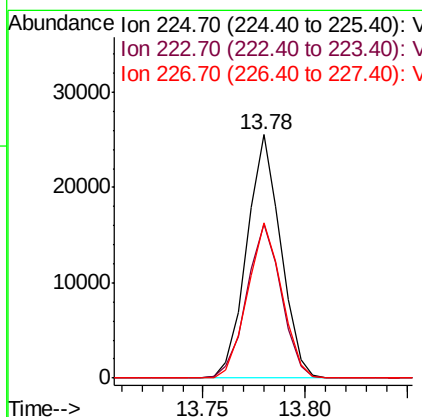
Manual Integrations
 APPROVED

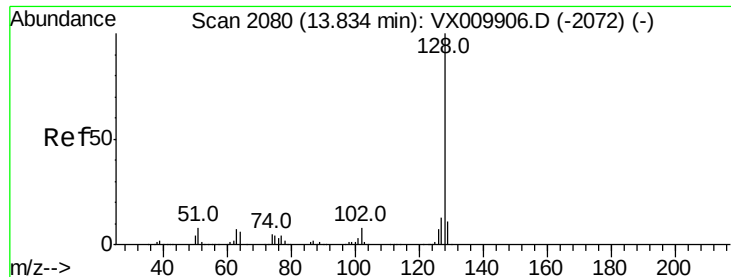
MMDadoda
 5/30/2019 9:54:23 AM



#94
 Hexachlorobutadiene
 Concen: 20.521 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX009930.D
 Acq: 29 May 2019 11:22

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	29536		
223	64.5	31.3	93.8	
227	64.7	32.3	96.8	





#95

Naphthalene

Concen: 19.718 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Instrument :

MSVOA_X

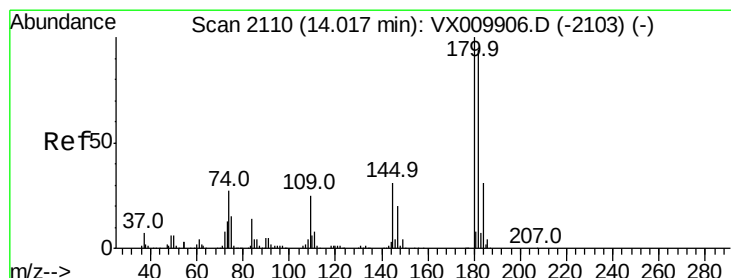
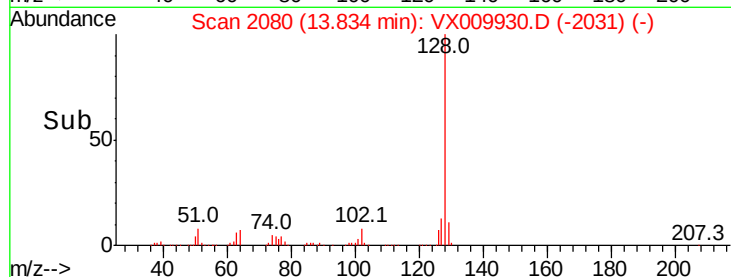
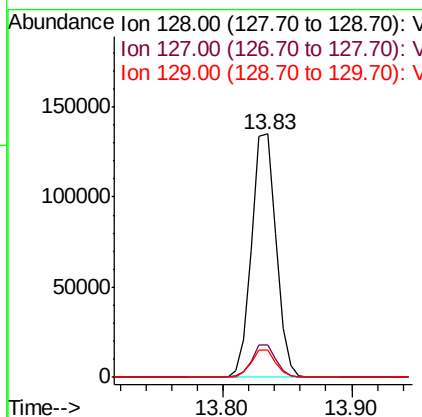
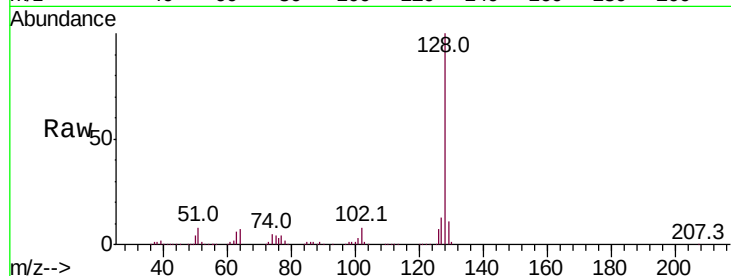
ClientSampleId :

VX0529WBS01

Tot Ion:	128	Resp:	176079
Ion Ratio	Lower	Upper	
128	100		
127	13.2	10.6	16.0
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
5/30/2019 9:54:23 AM



#96

1,2,3-Trichlorobenzene

Concen: 19.941 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX009930.D

Acq: 29 May 2019 11:22

Tgt Ion:	180	Resp:	57278
Ion Ratio	Lower	Upper	
180	100		
182	96.2	47.3	142.0
145	29.8	15.6	46.7

