

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050219\
 Data File : VX009275.D
 Acq On : 02 May 2019 16:04
 Operator : JC/SP
 Sample : VX0502WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Manual Integrations
 APPROVED

MMDadoda
 5/3/2019 11:20:00 AM

Quant Time: May 03 03:01:54 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	183680	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	287824	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	258035	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	127351	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	123575	49.28	ug/l	0.00
Spiked Amount			Recovery	=	98.56%	
35) Dibromofluoromethane	5.49	113	89801	49.63	ug/l	0.00
Spiked Amount			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	371032	50.79	ug/l	0.00
Spiked Amount			Recovery	=	101.58%	
62) 4-Bromofluorobenzene	11.13	95	134016	50.49	ug/l	0.00
Spiked Amount			Recovery	=	100.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	32823	19.392	ug/l	98
3) Chloromethane	1.32	50	44682	19.335	ug/l	100
4) Vinyl Chloride	1.40	62	44295	19.657	ug/l	98
5) Bromomethane	1.64	94	27847	20.589	ug/l	98
6) Chloroethane	1.71	64	27201	18.801	ug/l	98
7) Trichlorofluoromethane	1.92	101	54793	20.004	ug/l	97
8) Diethyl Ether	2.18	74	25309	19.506	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	34851	20.261	ug/l	99
10) Methyl Iodide	2.51	142	34448	20.247	ug/l	99
11) Tert butyl alcohol	3.04	59	57462	99.002	ug/l	99
12) 1,1-Dichloroethene	2.37	96	33841	19.636	ug/l	96
13) Acrolein	2.29	56	33152	63.070	ug/l	99
14) Allyl chloride	2.73	41	80034	19.055	ug/l	99
15) Acrylonitrile	3.14	53	138275	97.435	ug/l	99
16) Acetone	2.44	43	126888	94.242	ug/l	97
17) Carbon Disulfide	2.57	76	89550	18.507	ug/l	99
18) Methyl Acetate	2.77	43	63002	19.676	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	131730	19.683	ug/l	99
20) Methylene Chloride	2.85	84	40948	18.783	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	35953	19.236	ug/l	100
22) Diisopropyl ether	3.85	45	159680	19.769	ug/l	98
23) Vinyl Acetate	3.81	43	694751	100.447	ug/l	99
24) 1,1-Dichloroethane	3.70	63	77339	19.410	ug/l	100
25) 2-Butanone	4.67	43	208072	99.448	ug/l	100
26) 2,2-Dichloropropane	4.58	77	56858	19.171	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	42696	19.138	ug/l	99
28) Bromochloromethane	5.01	49	30252	17.055	ug/l	96
29) Tetrahydrofuran	5.13	42	135363	100.540	ug/l	100
30) Chloroform	5.20	83	70852	19.660	ug/l	99
31) Cyclohexane	5.57	56	74500	20.096	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	58558	19.519	ug/l	98
36) 1,1-Dichloropropene	5.79	75	53269	19.915	ug/l	99
37) Ethyl Acetate	4.83	43	75468	20.250	ug/l	99
38) Carbon Tetrachloride	5.78	117	47779	19.660	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	67983	20.696	ug/l	98
40) Benzene	6.14	78	165471	19.989	ug/l	99
41) Methacrylonitrile	5.04	41	43097	19.427	ug/l	97
42) 1,2-Dichloroethane	6.19	62	59302	19.971	ug/l	100
43) Isopropyl Acetate	6.44	43	119258	20.006	ug/l	99
44) Trichloroethene	7.21	130	38171	19.074	ug/l	92
45) 1,2-Dichloropropane	7.51	63	47294	20.177	ug/l	100
46) Dibromomethane	7.66	93	26521	19.484	ug/l	98
47) Bromodichloromethane	7.90	83	53880	19.844	ug/l	96
48) Methyl methacrylate	7.77	41	58396	19.745	ug/l	97
49) 1,4-Dioxane	7.74	88	24684	411.556	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	397260	101.957	ug/l	100
52) Toluene	8.78	92	100387	19.950	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	61037	19.911	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	67578	19.917	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	41203	20.071	ug/l	95
56) Ethyl methacrylate	9.18	69	74368	20.294	ug/l	98
57) 1,3-Dichloropropane	9.37	76	72229	19.994	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	190438	97.960	ug/l	100
59) 2-Hexanone	9.49	43	311369	101.750	ug/l	99
60) Dibromochloromethane	9.58	129	39678	19.789	ug/l	99
61) 1,2-Dibromoethane	9.67	107	40943	19.758	ug/l	99
64) Tetrachloroethene	9.34	164	36390	20.559	ug/l	98
65) Chlorobenzene	10.13	112	104161	20.179	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	37151	19.852	ug/l	99
67) Ethyl Benzene	10.25	91	191170	20.124	ug/l	99
68) m/p-Xylenes	10.36	106	140612	40.504	ug/l	97
69) o-Xylene	10.69	106	69457	20.278	ug/l	100
70) Styrene	10.71	104	120890	20.307	ug/l	100
71) Bromoform	10.85	173	28996	19.066	ug/l #	100
73) Isopropylbenzene	11.02	105	186160	20.102	ug/l	99
74) N-amyl acetate	10.90	43	105481	19.537	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	67274	19.487	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	59056m	19.991	ug/l	
77) Bromobenzene	11.26	156	44761	19.473	ug/l	98
78) n-propylbenzene	11.36	91	215135	20.341	ug/l	99
79) 2-Chlorotoluene	11.42	91	127632	19.560	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	158776	20.362	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	21318	18.464	ug/l	92
82) 4-Chlorotoluene	11.51	91	145922	19.796	ug/l	99
83) tert-Butylbenzene	11.77	119	152776	20.141	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	158408	20.239	ug/l	100
85) sec-Butylbenzene	11.94	105	183012	20.350	ug/l	100
86) p-Isopropyltoluene	12.06	119	167375	20.702	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	81890	19.985	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	80750	19.547	ug/l	97
89) n-Butylbenzene	12.38	91	150882	20.648	ug/l	100
90) Hexachloroethane	12.59	117	26967	19.578	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	82290	19.717	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	15841	20.455	ug/l	96

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QLast Update : Tue Apr 30 07:03:50 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	59017	20.678	ug/l	100
94) Hexachlorobutadiene	13.78	225	30122	20.668	ug/l	99
95) Naphthalene	13.83	128	193995	20.892	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61632	21.303	ug/l	98

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

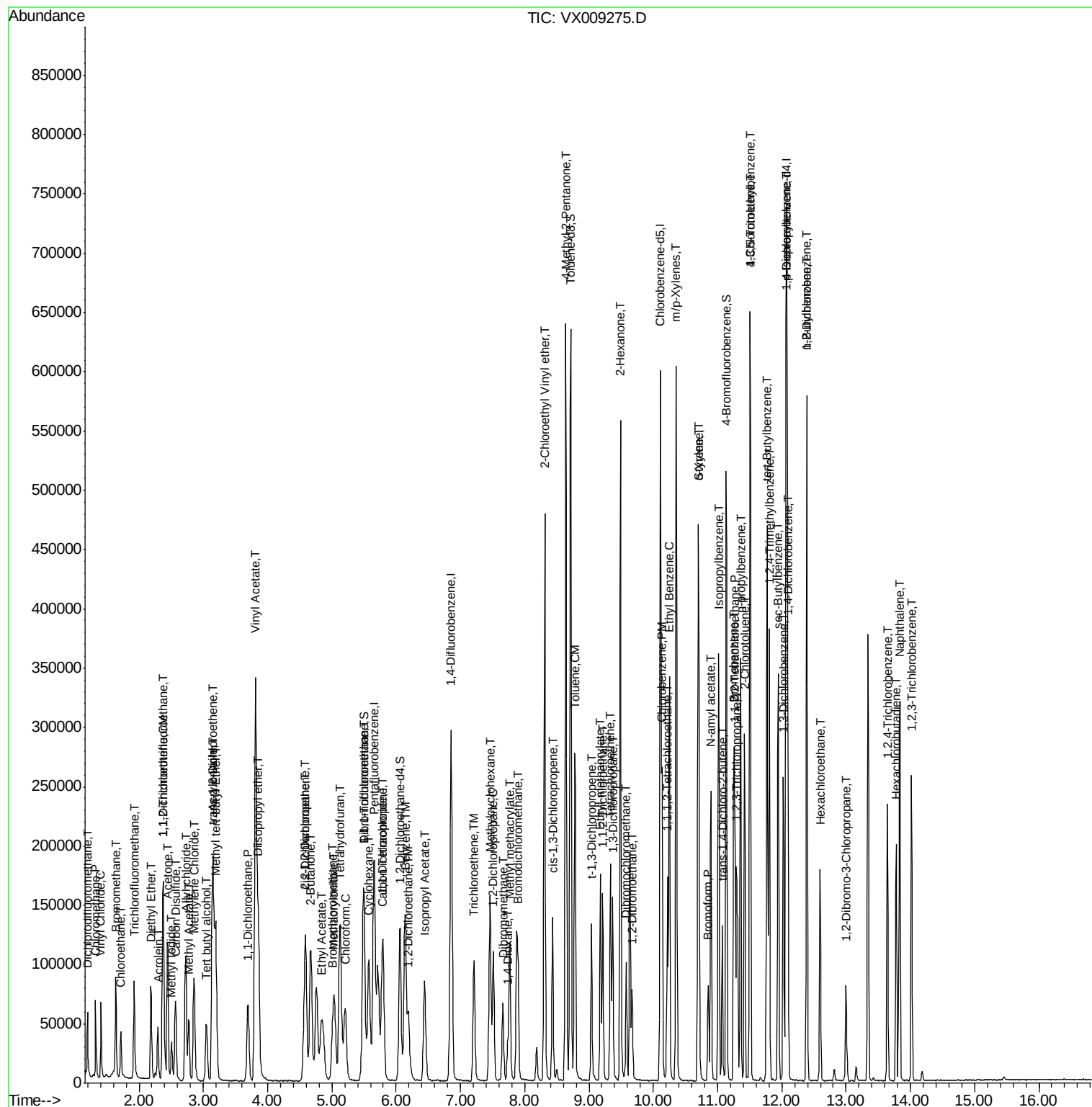
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 Data File : VX009275.D
 Acq On : 02 May 2019 16:04
 Operator : JC/SP
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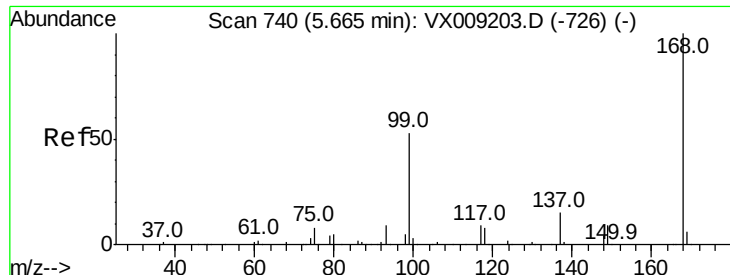
Instrument :
 MSVOA_X
 Client Sample ID :
 VX0502WBS02

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 Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tot Ion:168 Resp: 183680

Ion Ratio Lower Upper

168 100

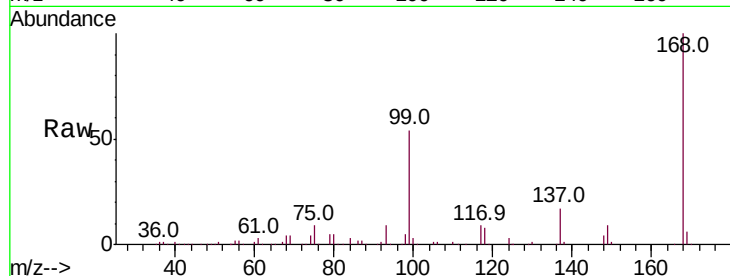
99 54.2 42.3 63.5

Manual Integrations

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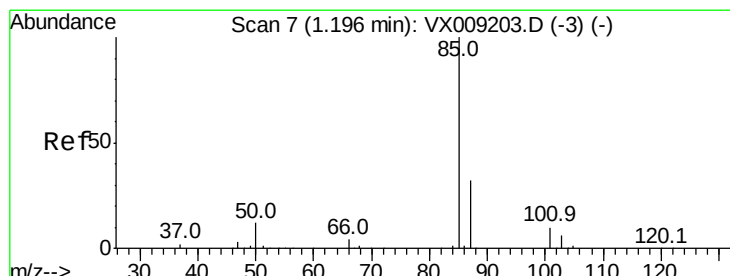
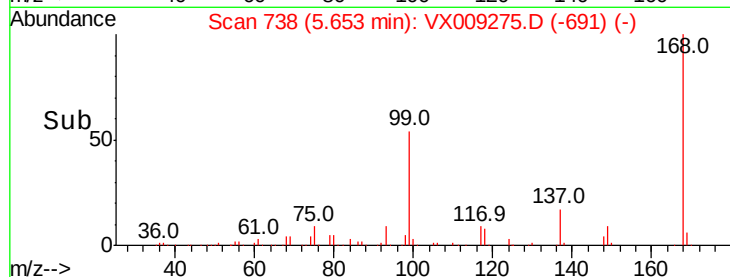
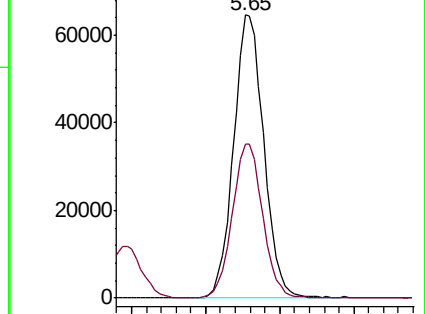
MMDadoda

5/3/2019 11:20:00 AM



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.392 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX009275.D

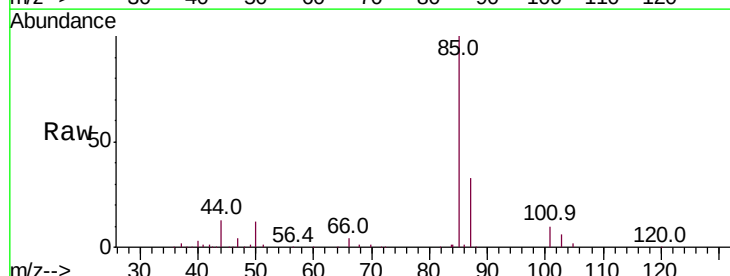
Acq: 02 May 2019 16:04

Tgt Ion: 85 Resp: 32823

Ion Ratio Lower Upper

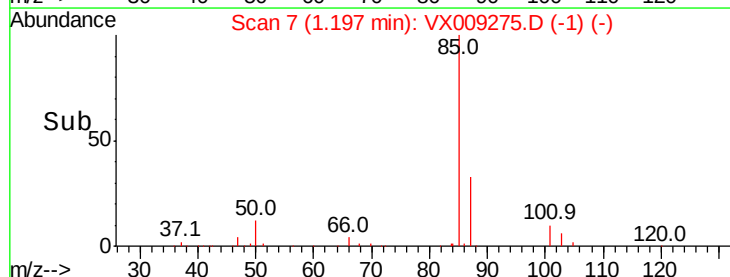
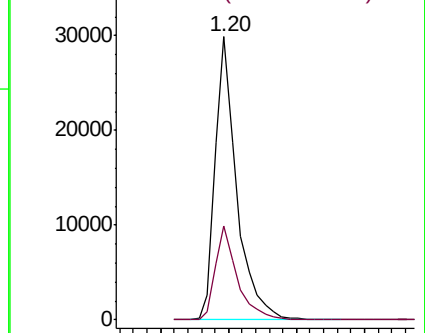
85 100

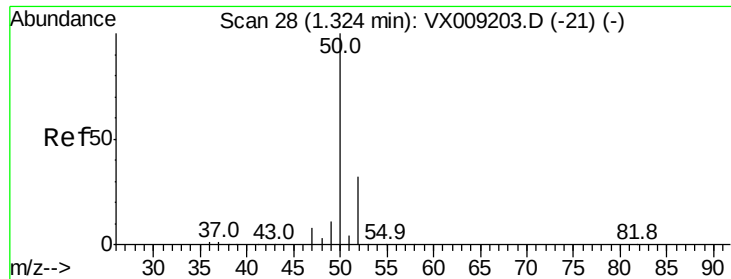
87 33.3 16.1 48.3



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 19.335 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tot Ion: 50 Resp: 44682

Ion Ratio Lower Upper

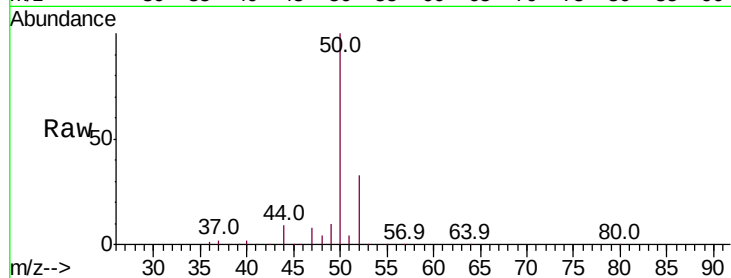
50 100

52 32.5 25.9 38.9

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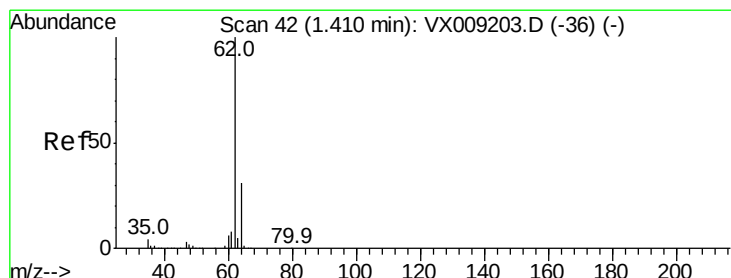
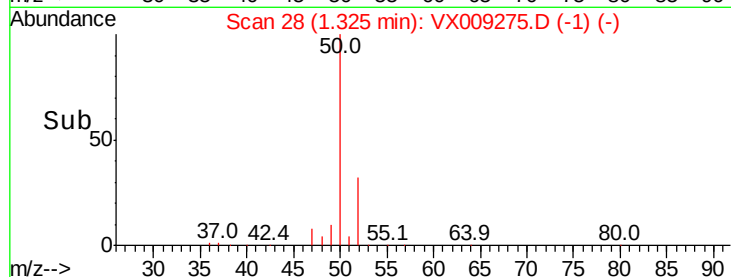
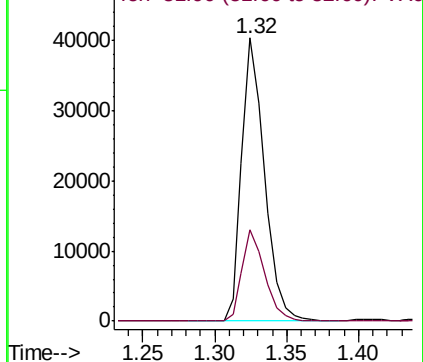
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.657 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX009275.D

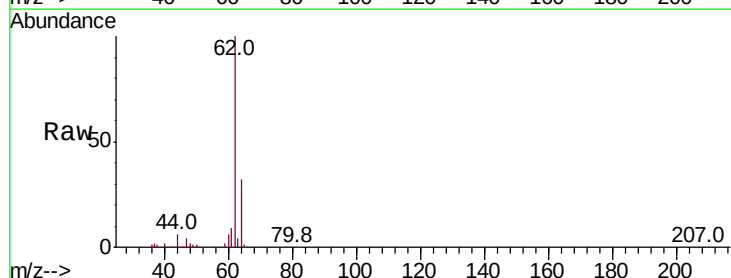
Acq: 02 May 2019 16:04

Tgt Ion: 62 Resp: 44295

Ion Ratio Lower Upper

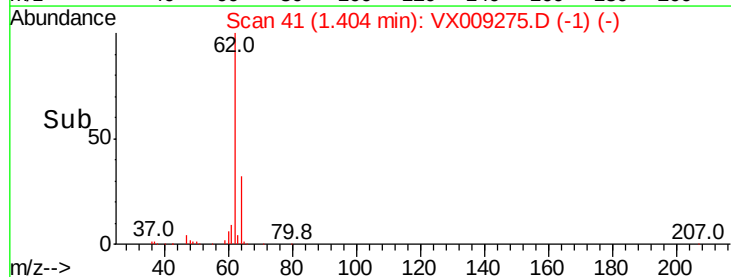
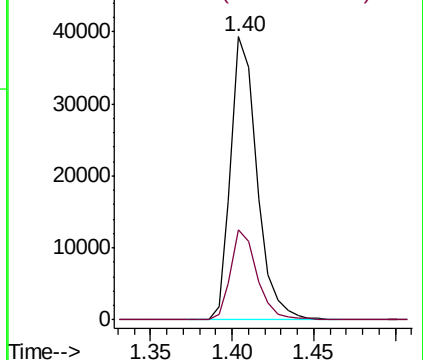
62 100

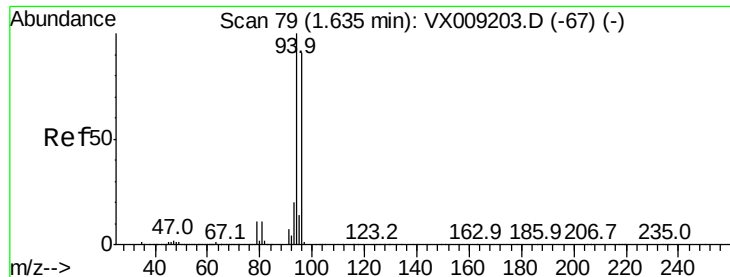
64 31.6 24.6 36.8



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.589 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tot Ion: 94 Resp: 27847

Ion Ratio Lower Upper

94 100

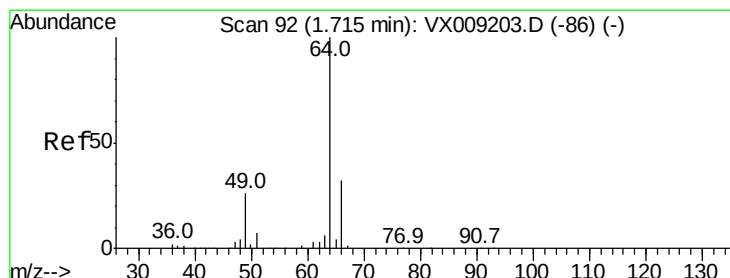
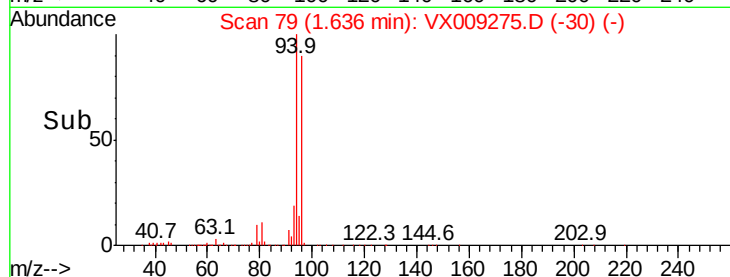
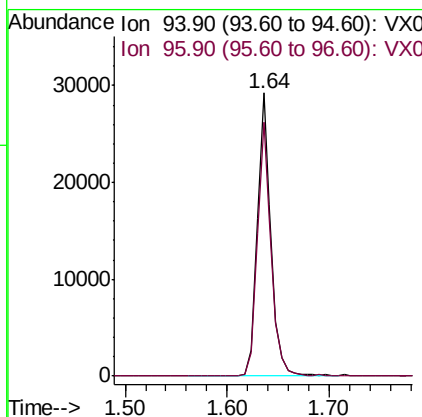
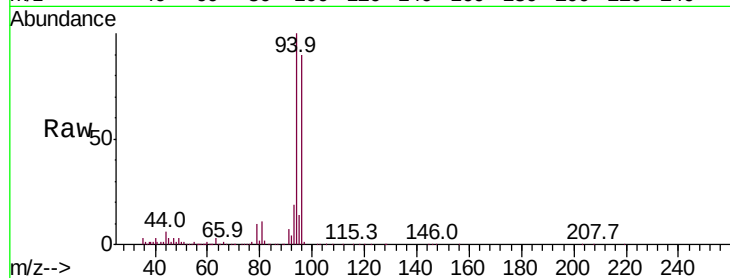
96 89.3 73.0 109.6

Manual Integrations

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#6

Chloroethane

Concen: 18.801 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX009275.D

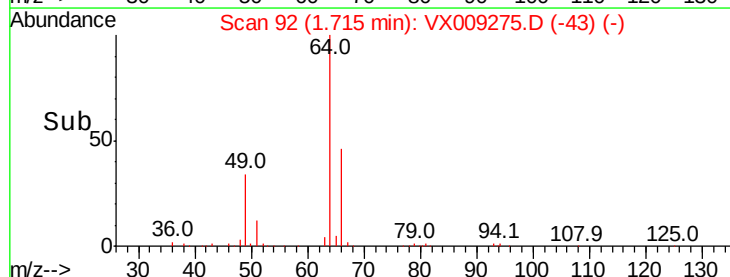
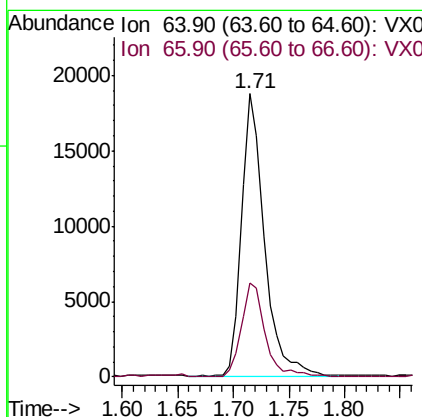
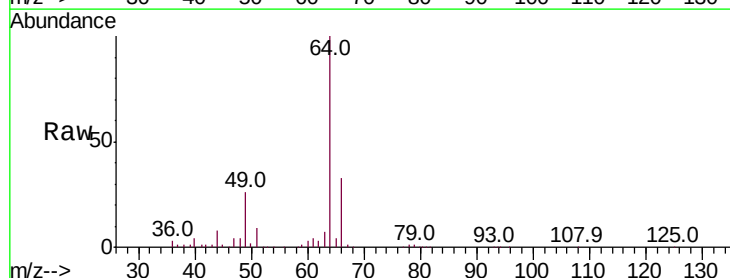
Acq: 02 May 2019 16:04

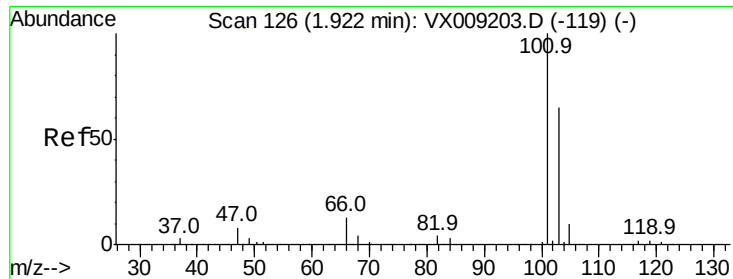
Tgt Ion: 64 Resp: 27201

Ion Ratio Lower Upper

64 100

66 33.0 25.3 37.9





#7

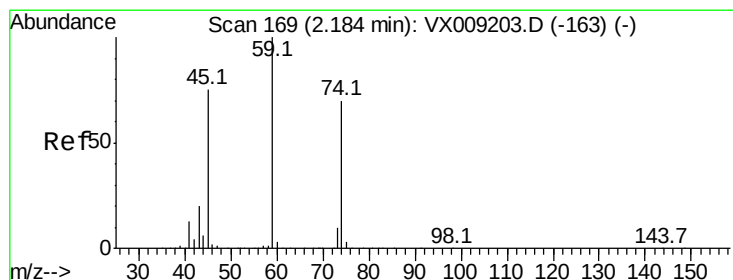
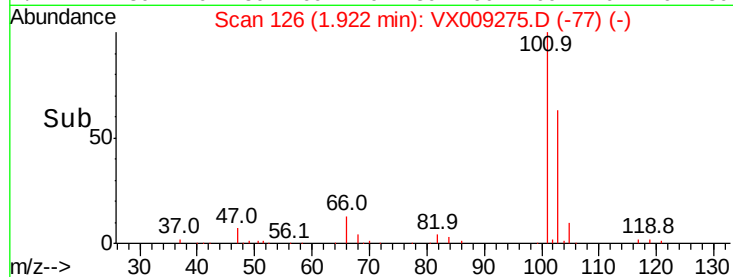
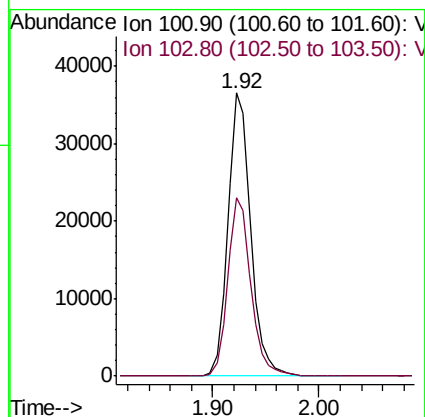
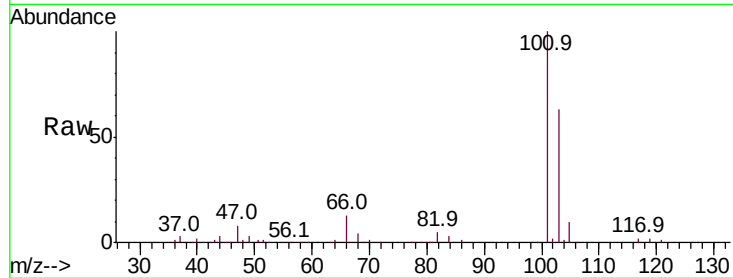
Trichlorofluoromethane
Concen: 20.004 ug/l
RT: 1.92 min Scan# 126
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tot Ion:101 Resp: 54793
Ion Ratio Lower Upper
101 100
103 63.1 52.4 78.6

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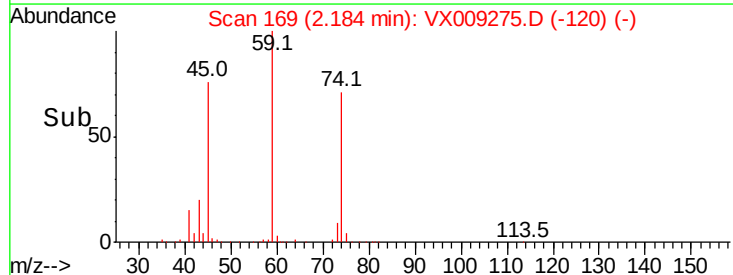
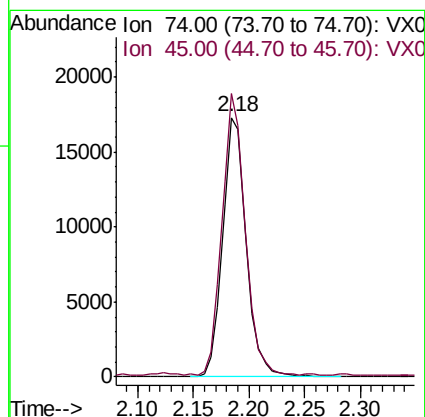
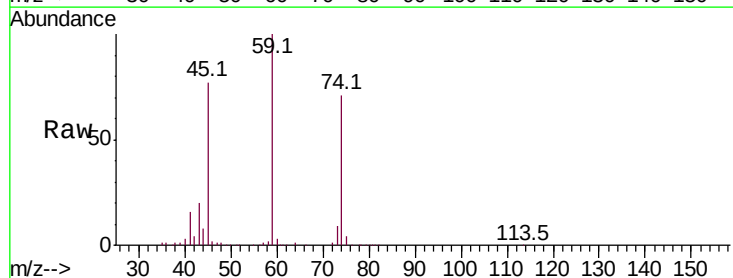
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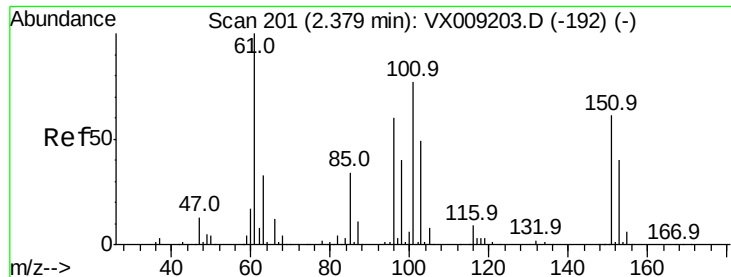


#8

Diethyl Ether
Concen: 19.506 ug/l
RT: 2.18 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion: 74 Resp: 25309
Ion Ratio Lower Upper
74 100
45 106.8 53.3 159.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.261 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

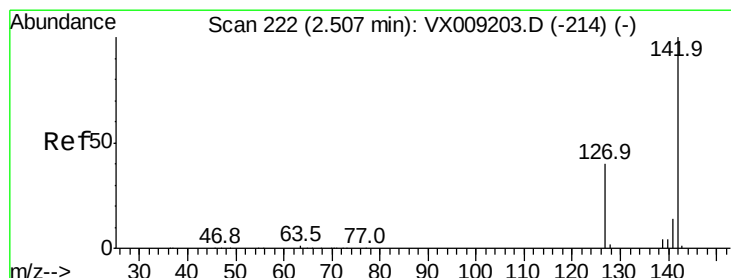
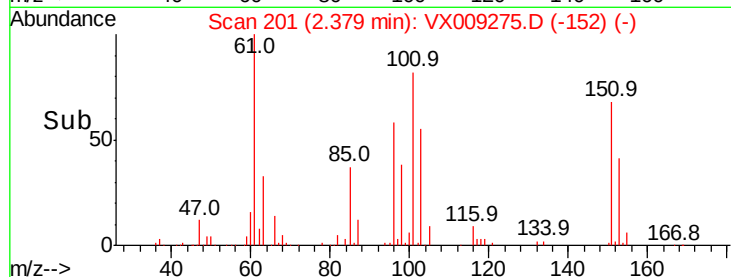
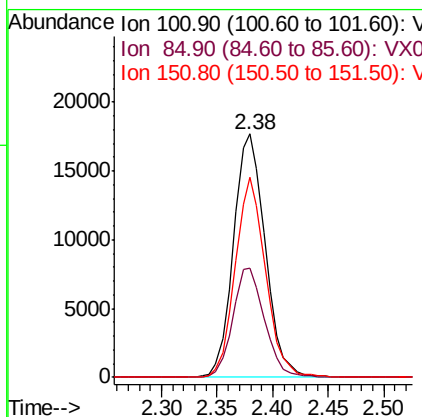
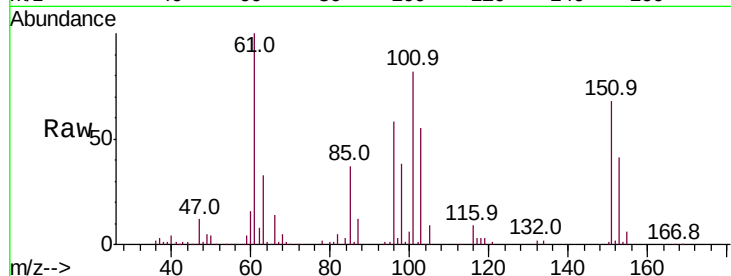
ClientSampled :

VX0502WBS02

Tot Ion:	101	Resp:	34851
Ion Ratio	Lower	Upper	
101	100		
85	44.8	35.7	53.5
151	78.8	62.2	93.2

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#10

Methyl Iodide

Concen: 20.247 ug/l

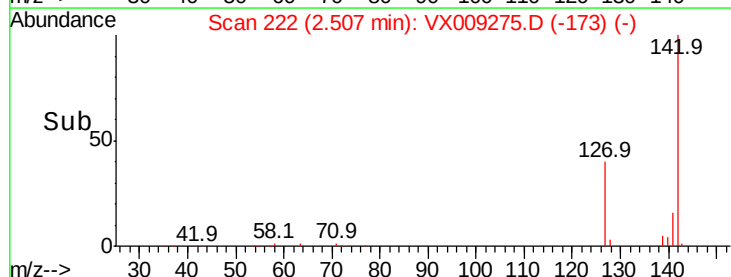
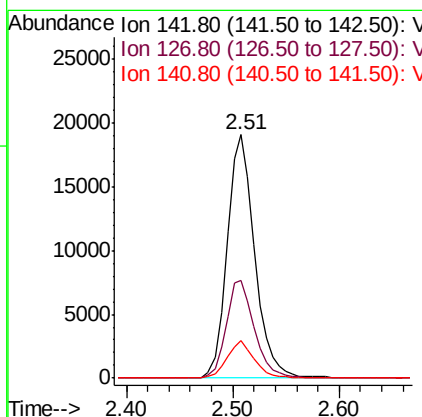
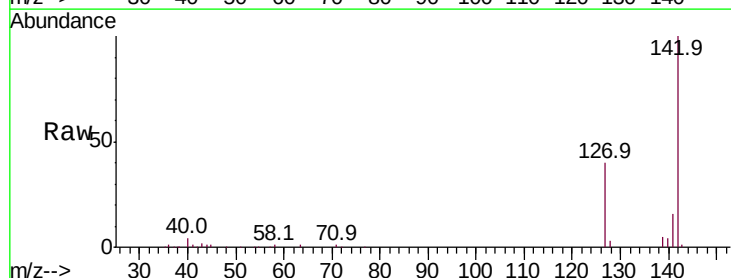
RT: 2.51 min Scan# 222

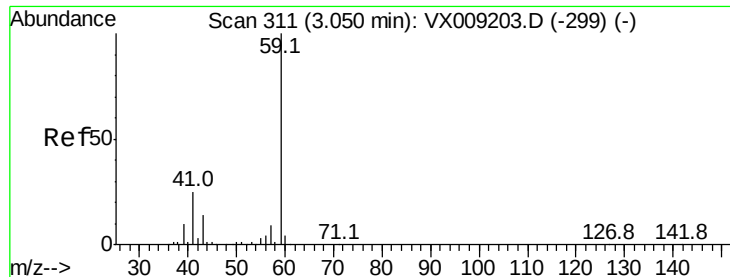
Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Tgt Ion:	142	Resp:	34448
Ion Ratio	Lower	Upper	
142	100		
127	41.0	32.7	49.1
141	15.2	11.5	17.3





#11

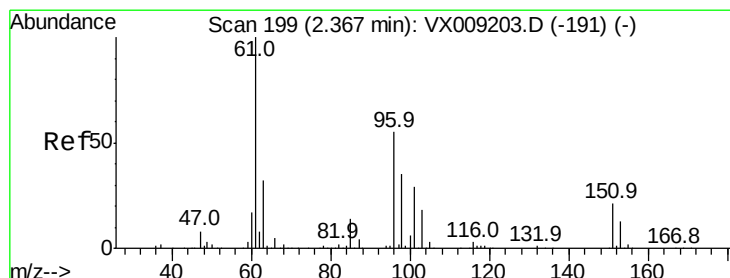
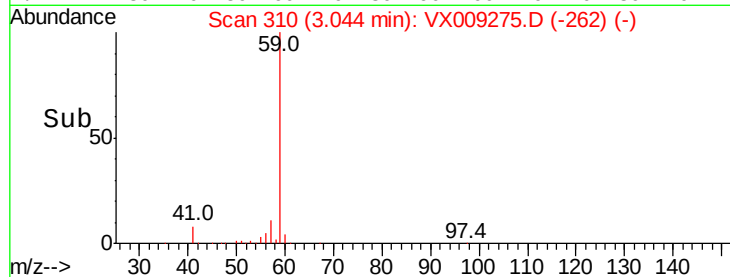
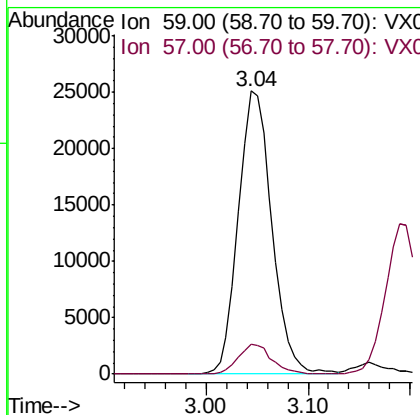
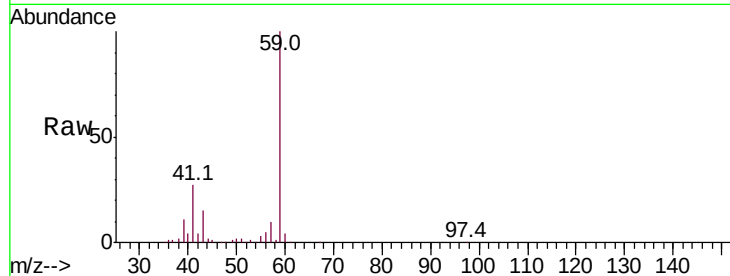
Tert butyl alcohol
 Concen: 99.002 ug/l
 RT: 3.04 min Scan# 310
 Delta R.T. -0.01 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Tot Ion	Resp	Lower	Upper
59	100		
57	10.6	8.2	12.2

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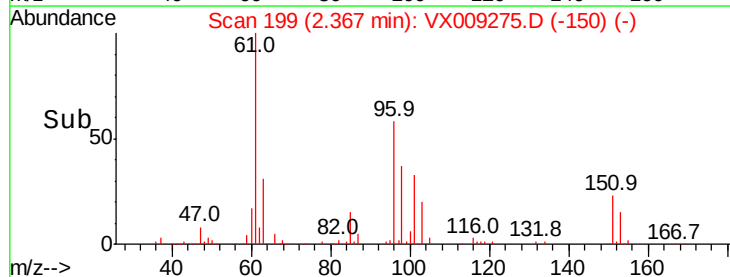
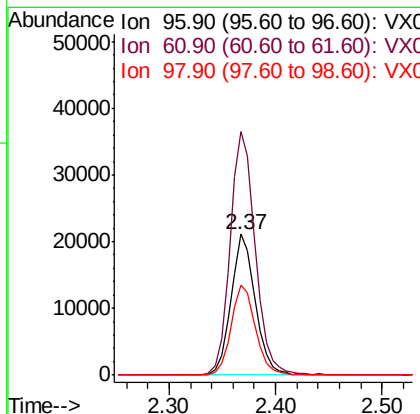
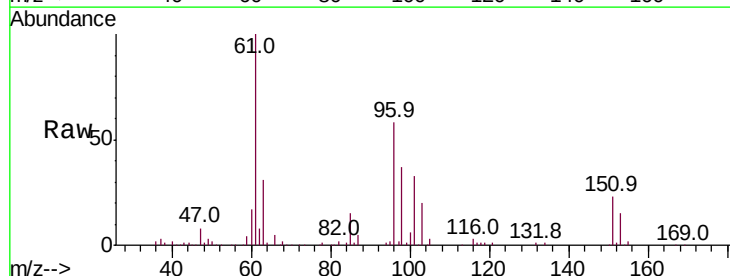
MMDadoda
 5/3/2019 11:20:00 AM

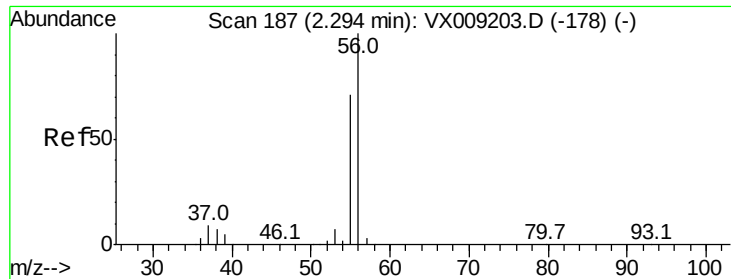


#12

1,1-Dichloroethene
 Concen: 19.636 ug/l
 RT: 2.37 min Scan# 199
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Tgt Ion	Resp	Lower	Upper
96	100		
61	172.5	144.3	216.5
98	63.6	50.3	75.5





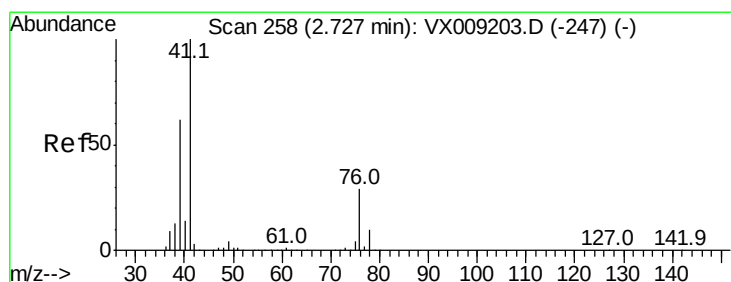
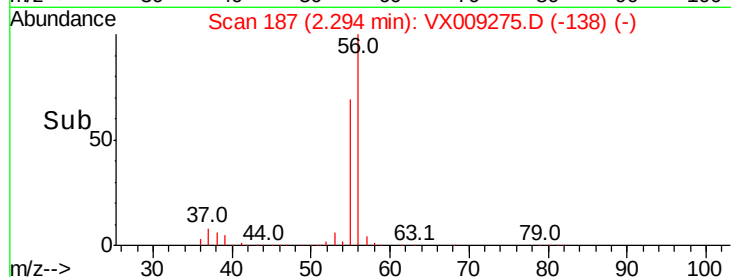
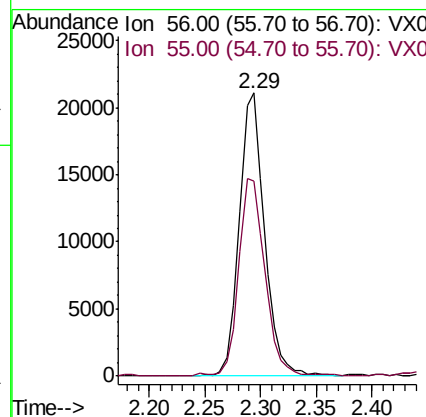
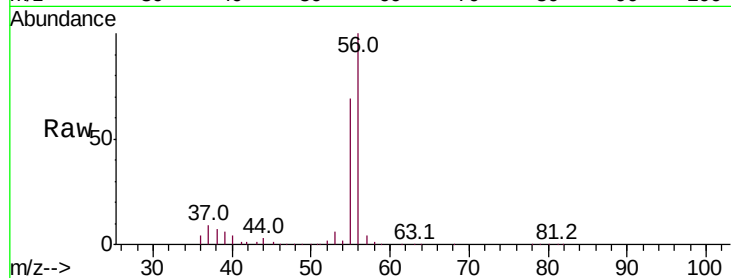
#13
Acrolein
Concen: 63.070 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tot Ion	Ratio	Lower	Upper
56	100		
55	71.3	56.6	85.0

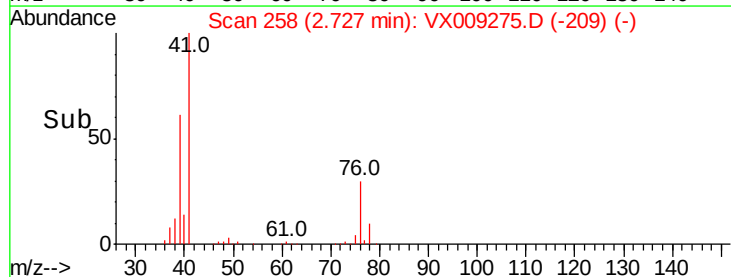
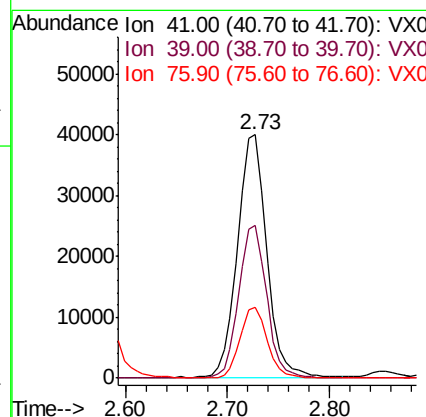
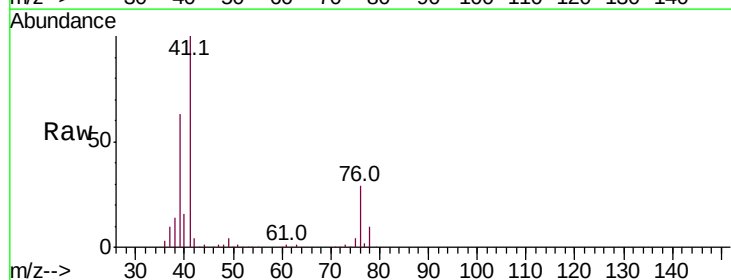
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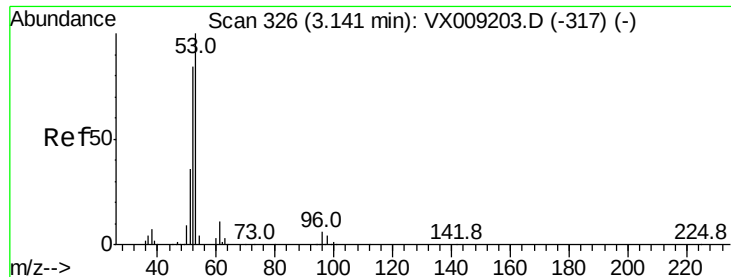
MMDadoda
5/3/2019 11:20:00 AM



#14
Allyl chloride
Concen: 19.055 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
41	100		
39	59.4	46.7	70.1
76	26.6	21.8	32.8





#15

Acrylonitrile

Concen: 97.435 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

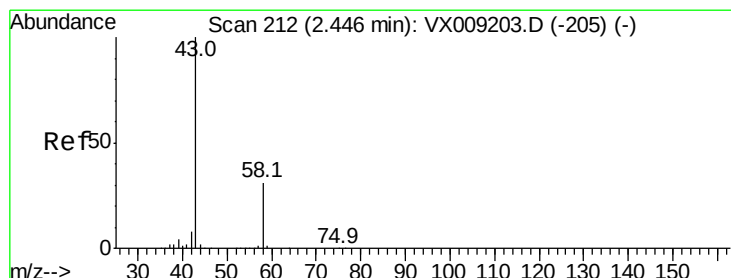
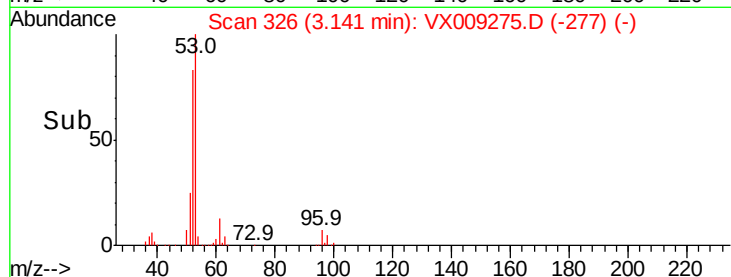
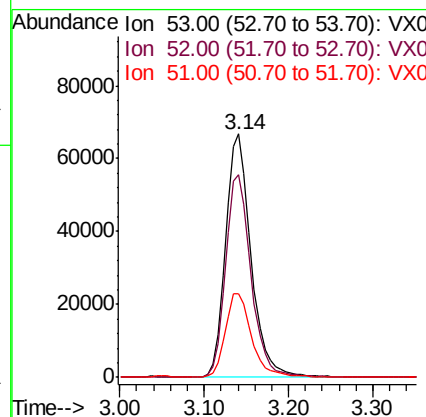
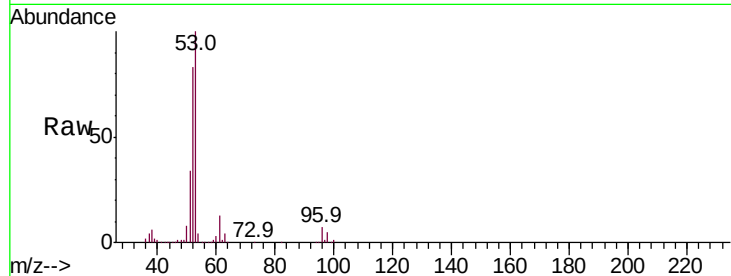
ClientSampleId :

VX0502WBS02

Tot Ion:	53	Resp:	138275
Ion Ratio	Lower	Upper	
53	100		
52	84.0	66.9	100.3
51	36.4	28.2	42.2

Manual Integrations
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#16

Acetone

Concen: 94.242 ug/l

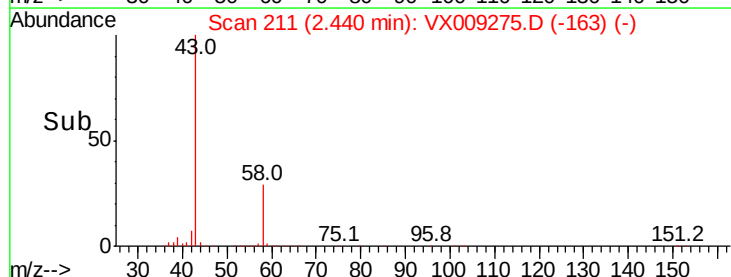
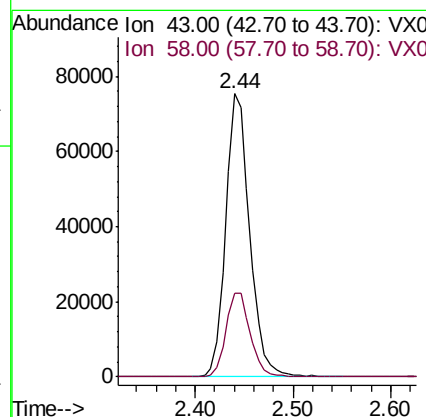
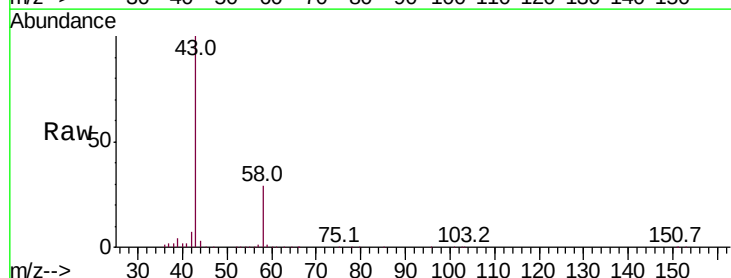
RT: 2.44 min Scan# 211

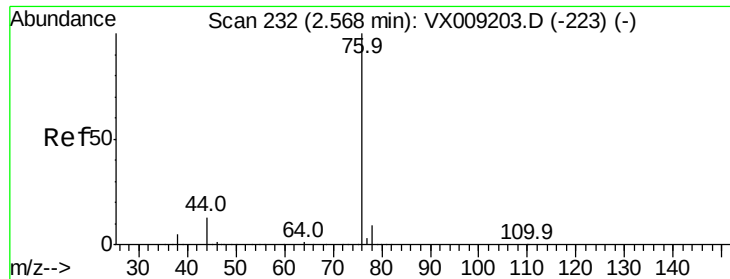
Delta R.T. -0.01 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Tgt Ion:	43	Resp:	126888
Ion Ratio	Lower	Upper	
43	100		
58	29.4	24.9	37.3





#17

Carbon Disulfide

Concen: 18.507 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tot Ion: 76 Resp: 89550

Ion Ratio Lower Upper

76 100

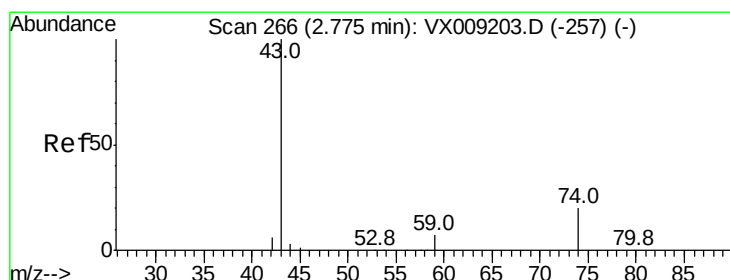
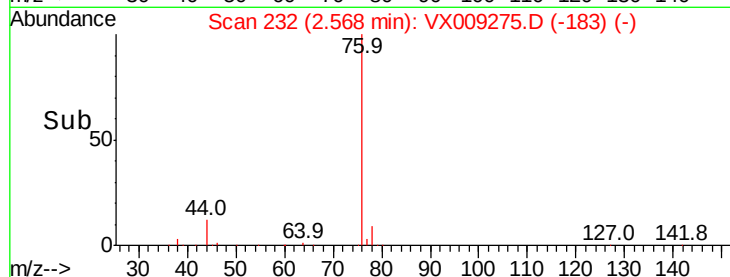
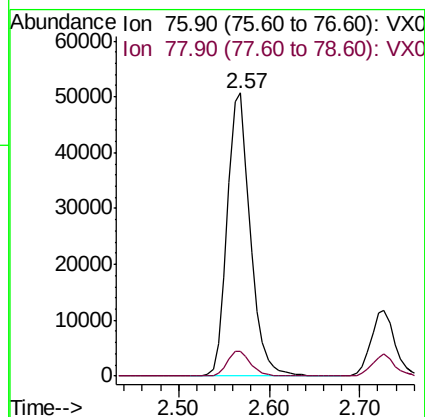
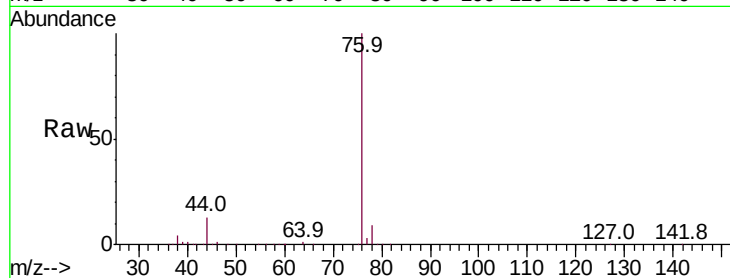
78 8.8 7.4 11.0

Manual Integrations

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#18

Methyl Acetate

Concen: 19.676 ug/l

RT: 2.77 min Scan# 265

Delta R.T. -0.01 min

Lab File: VX009275.D

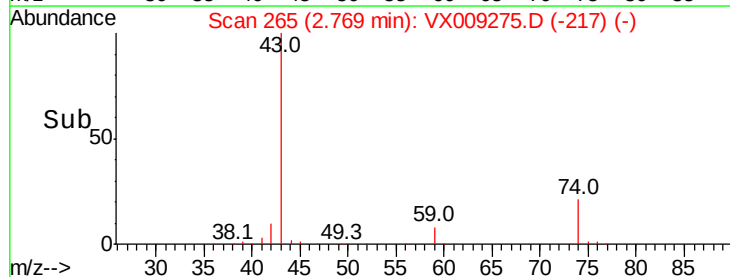
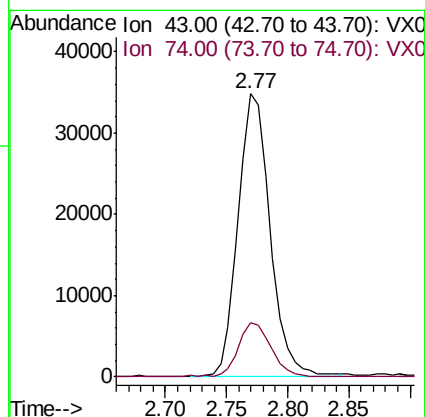
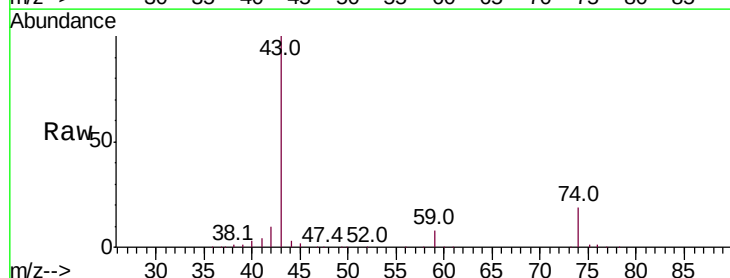
Acq: 02 May 2019 16:04

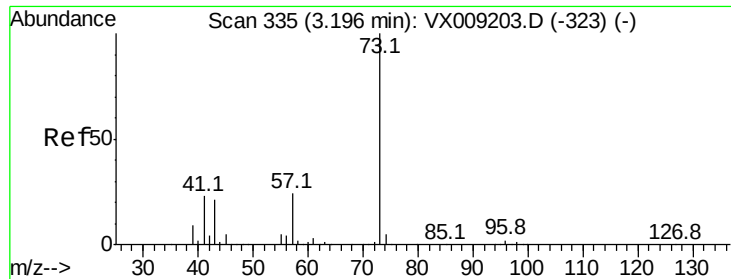
Tgt Ion: 43 Resp: 63002

Ion Ratio Lower Upper

43 100

74 20.0 16.2 24.4





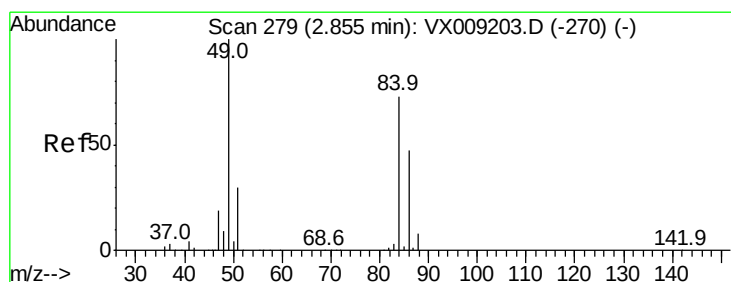
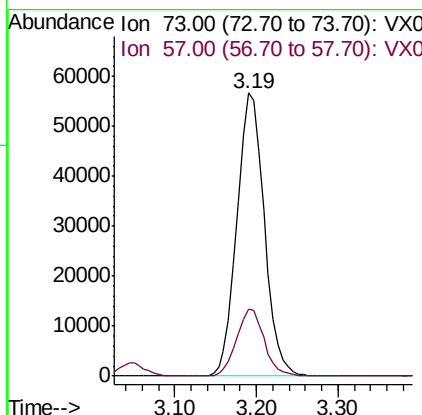
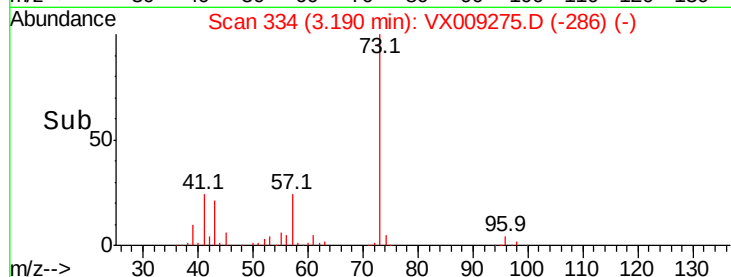
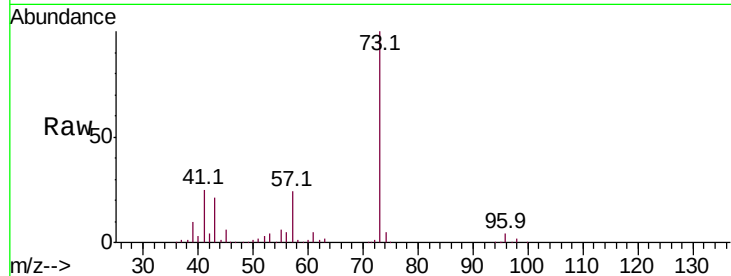
#19
Methyl tert-butyl Ether
Concen: 19.683 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tot Ion: 73 Resp: 131730
Ion Ratio Lower Upper
73 100
57 23.5 19.3 28.9

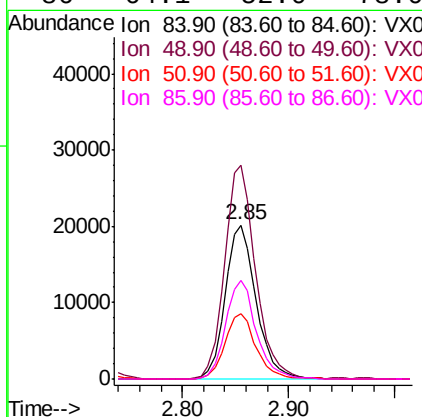
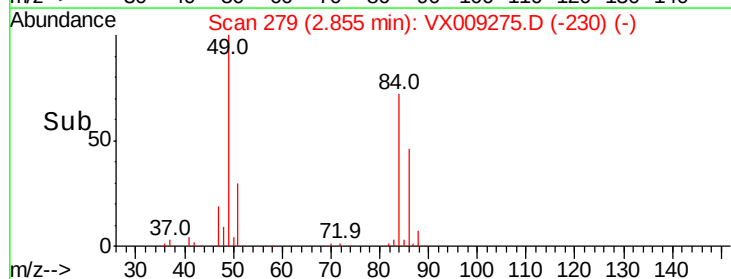
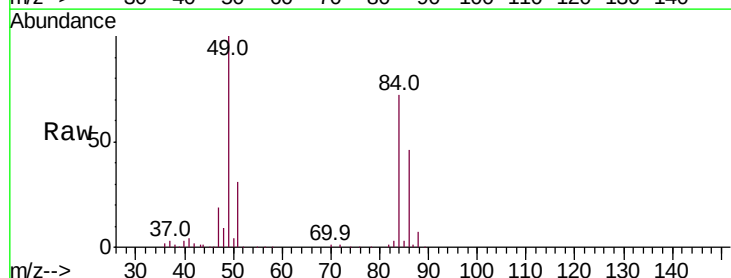
Manual Integrations
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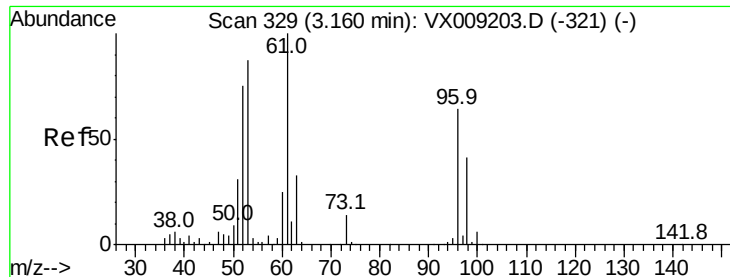
MMDadoda
5/3/2019 11:20:00 AM



#20
Methylene Chloride
Concen: 18.783 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion: 84 Resp: 40948
Ion Ratio Lower Upper
84 100
49 139.0 109.9 164.9
51 42.6 32.7 49.1
86 64.1 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 19.236 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

VX0502WBS02

Tot Ion: 96 Resp: 35953

Ion Ratio Lower Upper

96 100

61 155.3 124.5 186.7

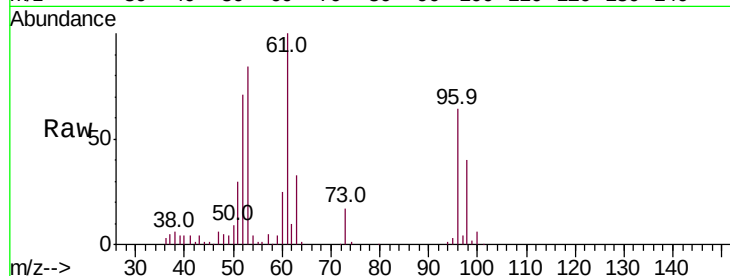
98 62.1 50.4 75.6

Manual Integrations

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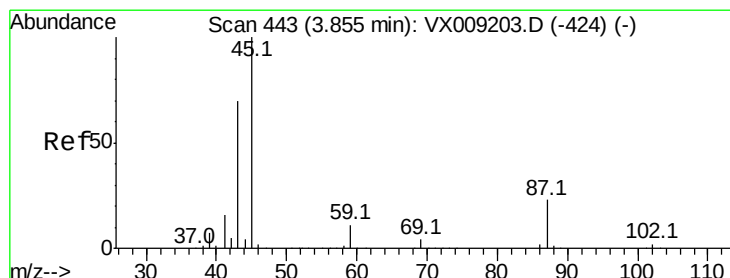
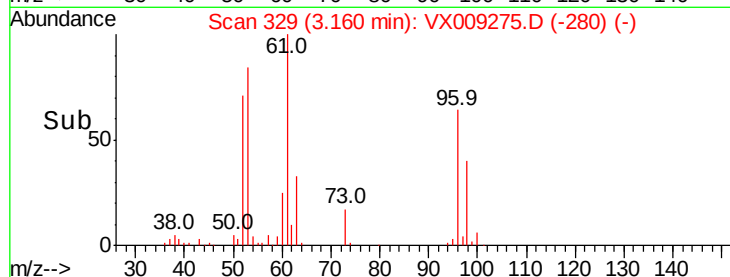
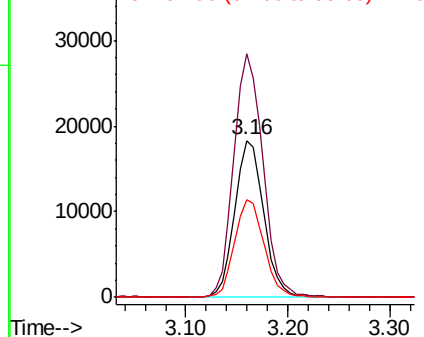
5/3/2019 11:20:00 AM



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 19.769 ug/l

RT: 3.85 min Scan# 443

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Tgt Ion: 45 Resp: 159680

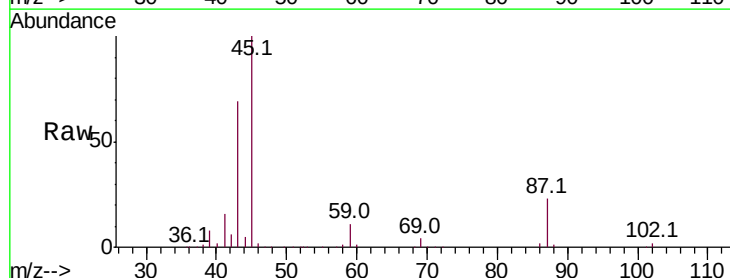
Ion Ratio Lower Upper

45 100

43 68.3 56.1 84.1

87 22.8 18.1 27.1

59 11.2 8.5 12.7

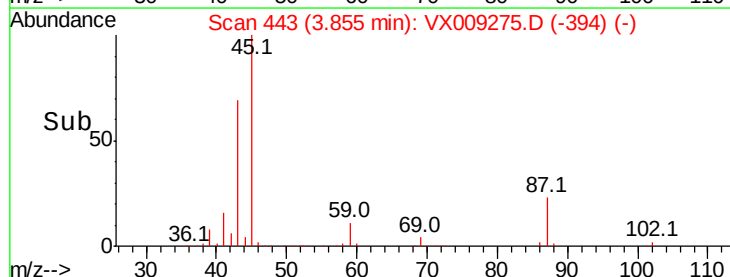
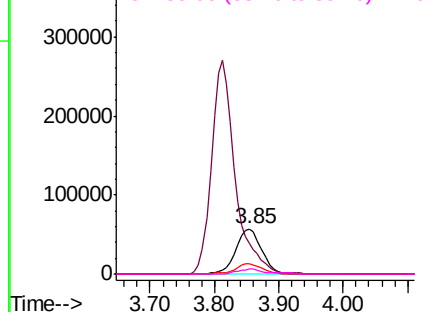


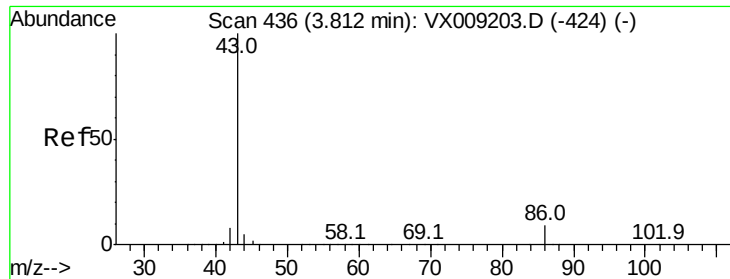
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 100.447 ug/l

RT: 3.81 min Scan# 436

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tot Ion: 43 Resp: 694751

Ion Ratio Lower Upper

43 100

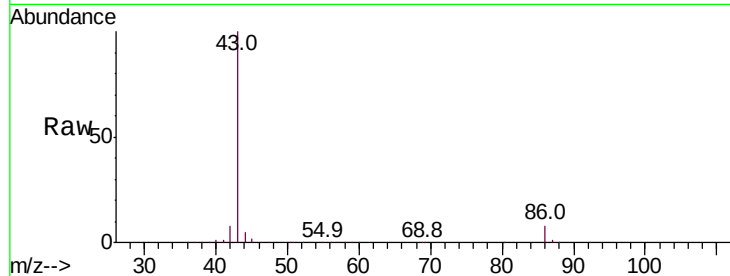
86 8.2 6.9 10.3

Manual Integrations

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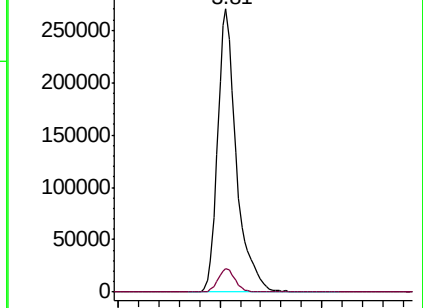
MMDadoda

5/3/2019 11:20:00 AM

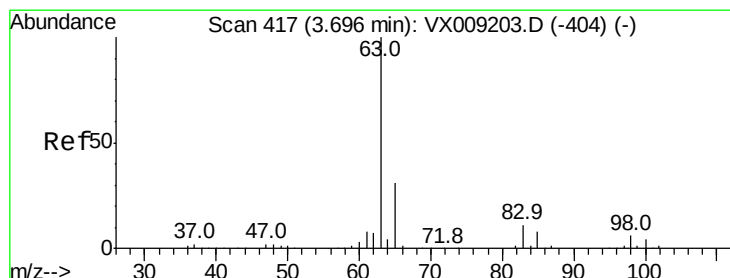
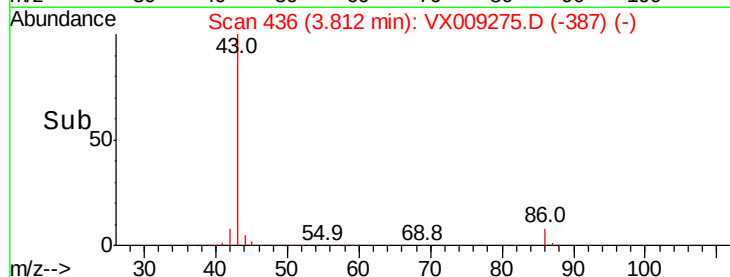


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time--> 3.60 3.80 4.00



#24

1,1-Dichloroethane

Concen: 19.410 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

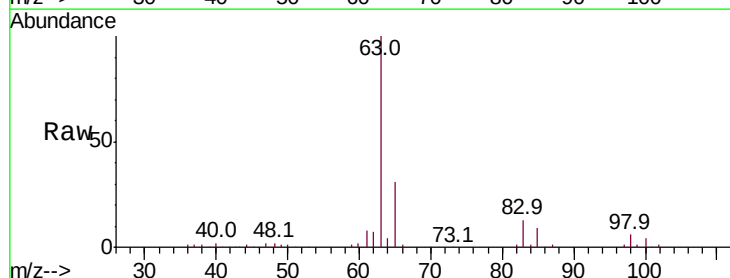
Tgt Ion: 63 Resp: 77339

Ion Ratio Lower Upper

63 100

98 5.9 3.0 9.2

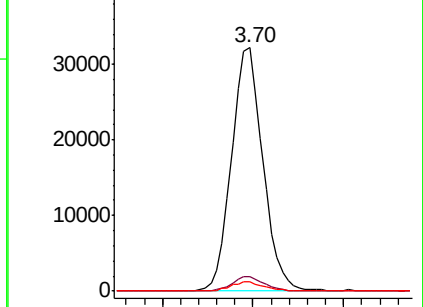
100 4.0 2.0 6.0



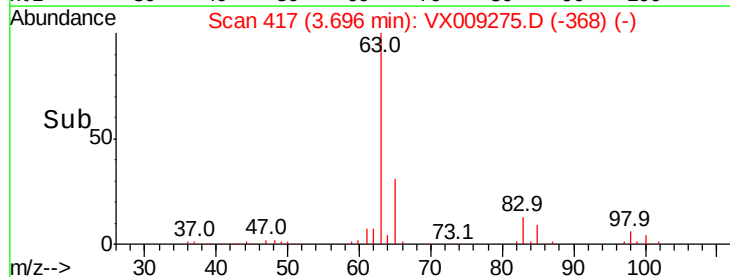
Abundance Ion 62.90 (62.60 to 63.60): VX0

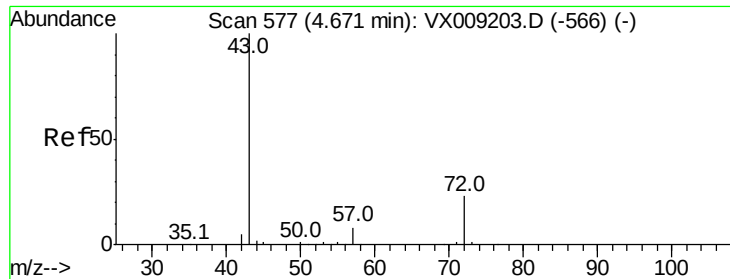
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 99.448 ug/l

RT: 4.67 min Scan# 577

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

VX0502WBS02

Tot Ion: 43 Resp: 208072

Ion Ratio Lower Upper

43 100

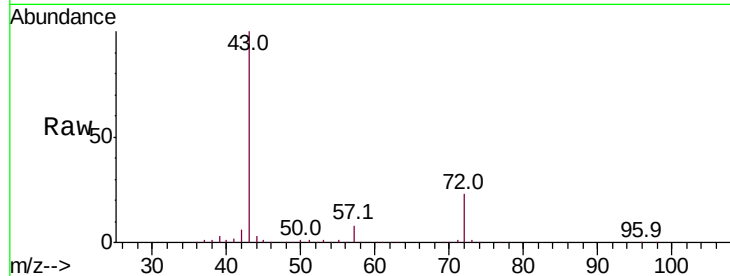
72 22.7 18.2 27.2

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

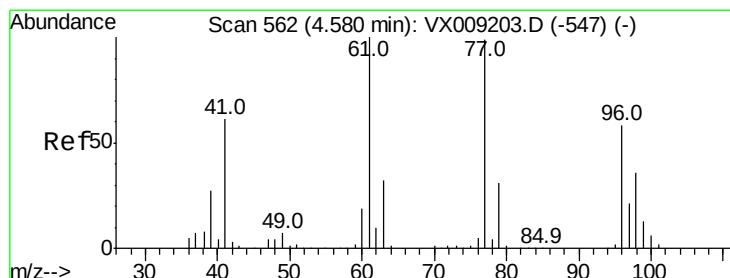
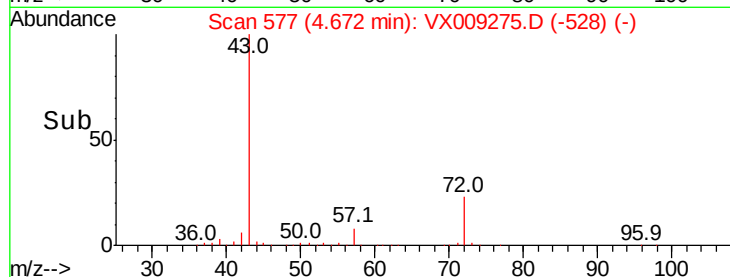
40000

20000

0

4.60 4.67 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.171 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX009275.D

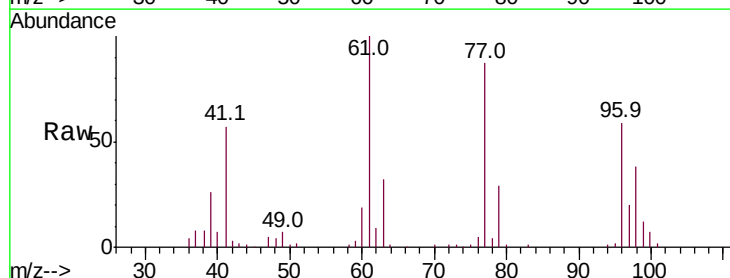
Acq: 02 May 2019 16:04

Tgt Ion: 77 Resp: 56858

Ion Ratio Lower Upper

77 100

97 22.9 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

20000

15000

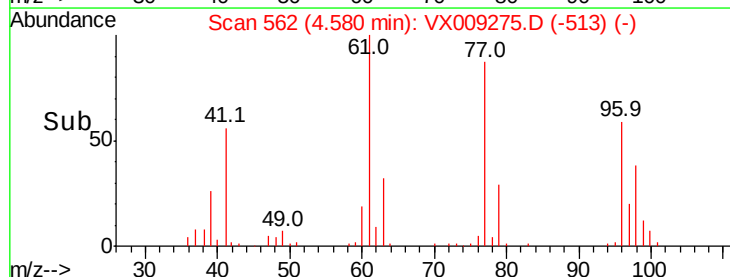
10000

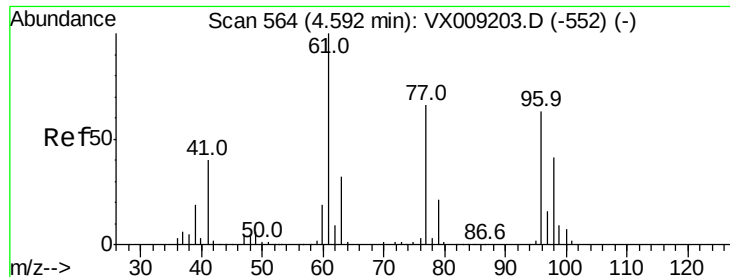
5000

0

4.40 4.50 4.58 4.60 4.70

Time-->





#27

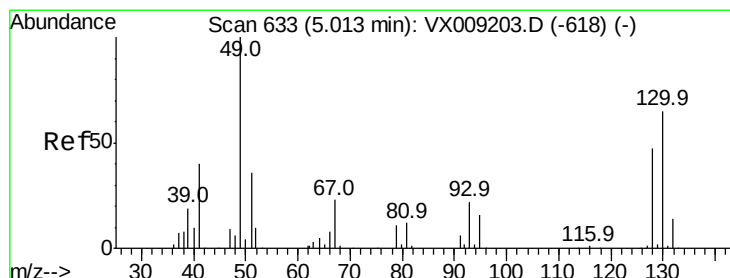
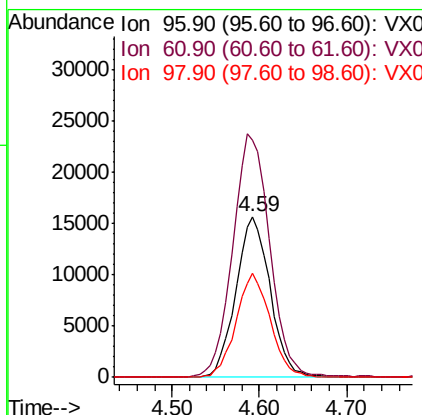
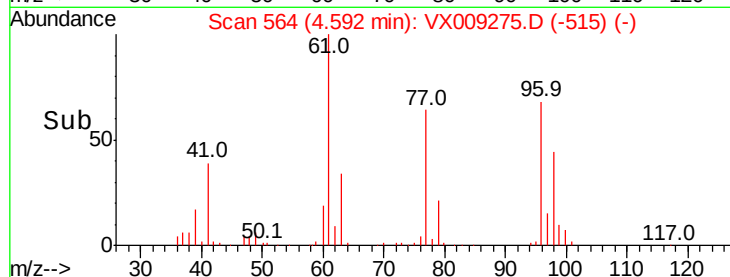
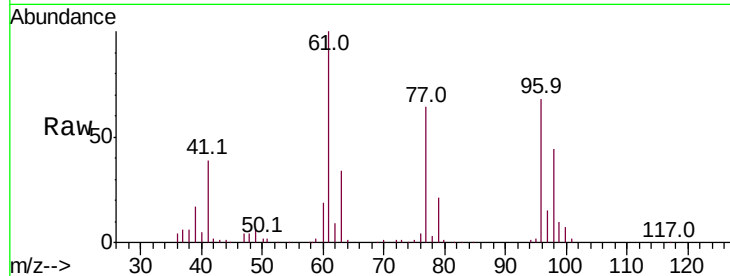
cis-1,2-Dichloroethene
 Concen: 19.138 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Tot Ion	Ratio	Resp	Lower	Upper
96	100	42696		
61	163.9	0.0	324.0	
98	64.3	0.0	130.4	

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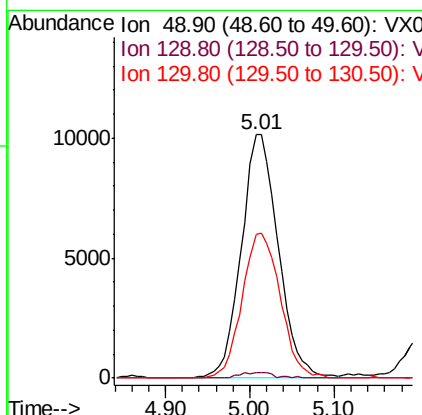
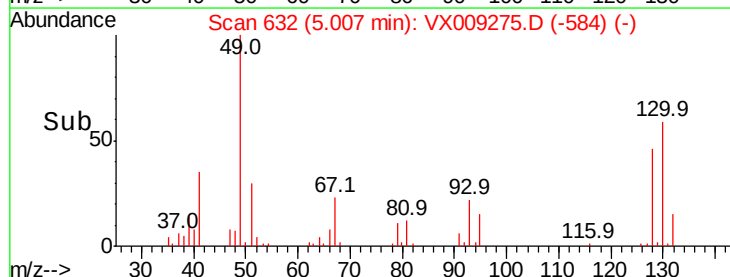
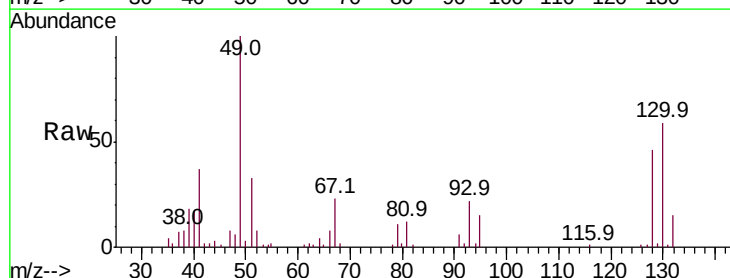
MMDadoda
 5/3/2019 11:20:00 AM

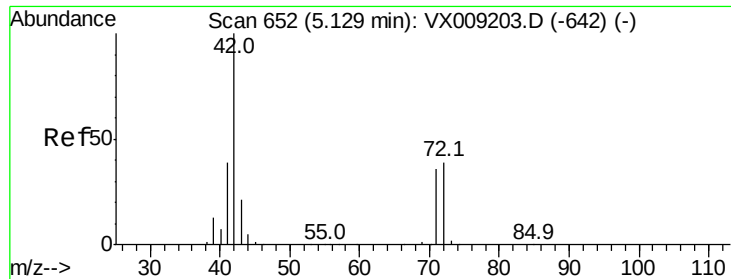


#28

Bromochloromethane
 Concen: 17.055 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	30252		
129	2.0	0.0	3.8	
130	61.1	51.2	76.8	





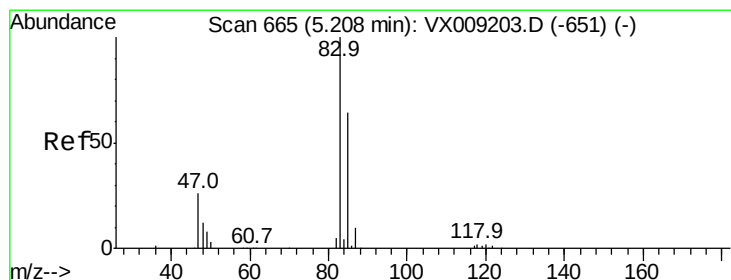
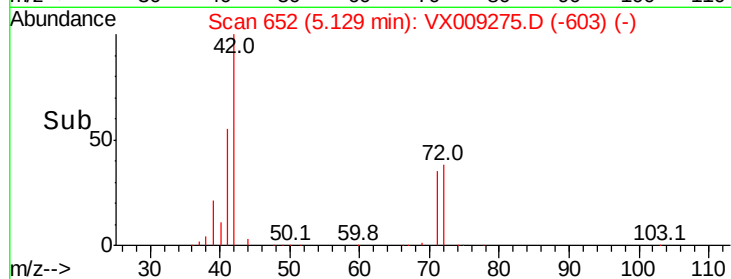
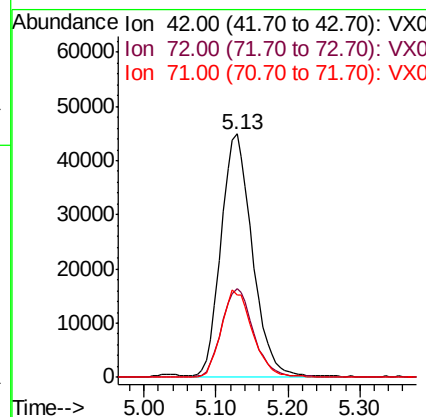
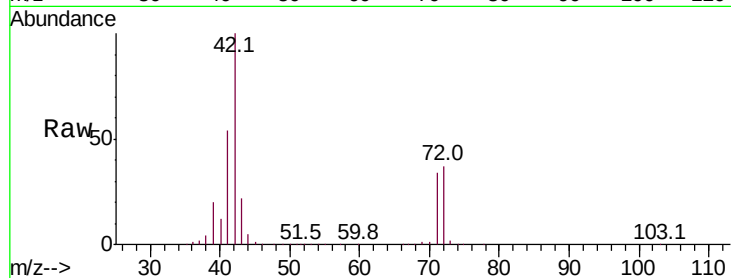
#29
Tetrahydrofuran
Concen: 100.540 ug/l
RT: 5.13 min Scan# 652
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tot Ion	Ratio	Lower	Upper
42	100		
72	37.7	30.4	45.6
71	36.0	28.6	43.0

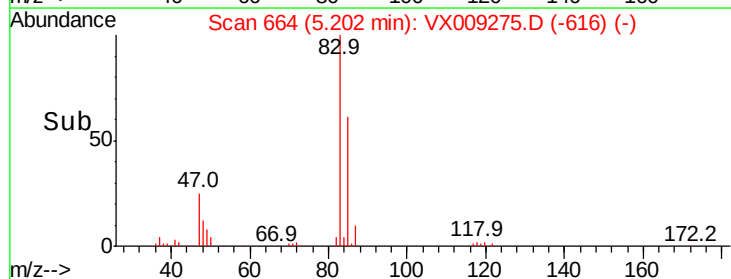
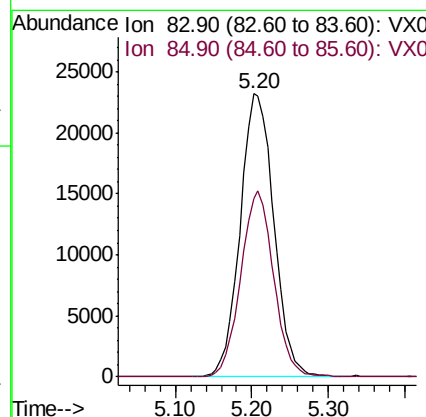
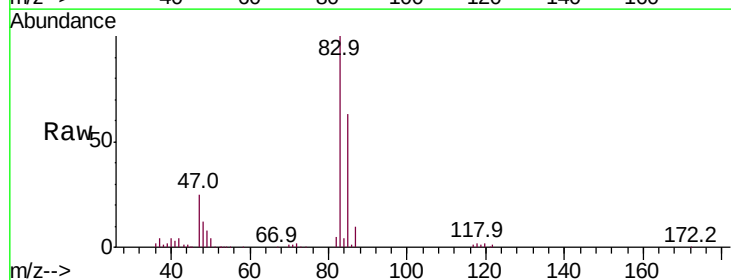
Manual Integrations
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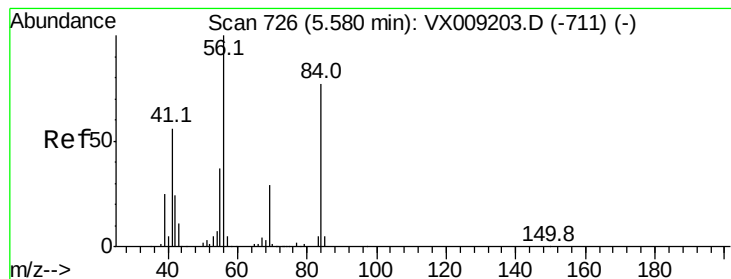
MMDadoda
5/3/2019 11:20:00 AM



#30
Chloroform
Concen: 19.660 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.5	77.3





#31

Cyclohexane

Concen: 20.096 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

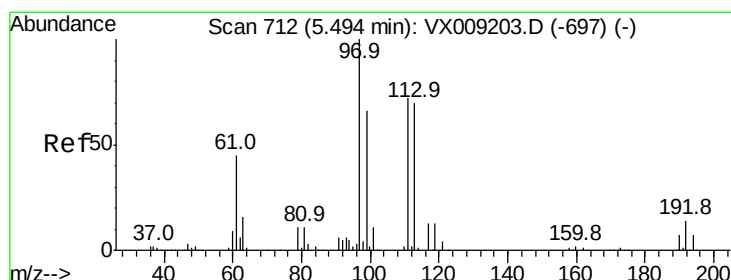
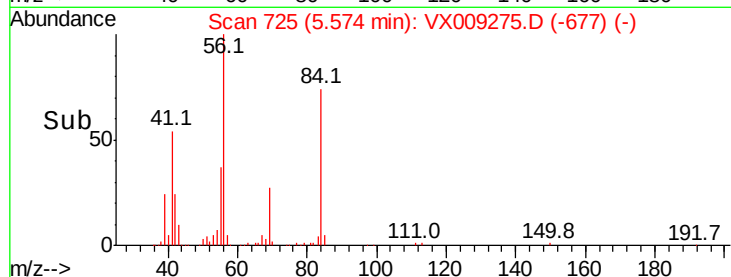
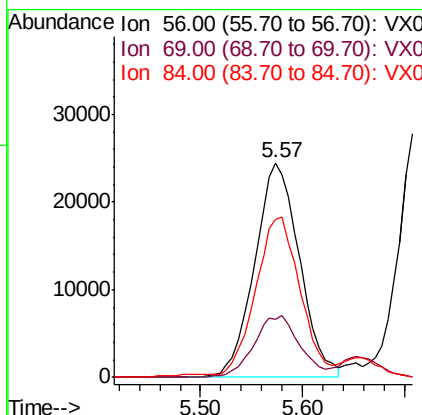
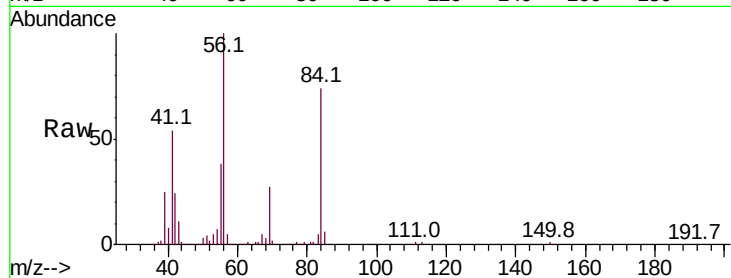
ClientSampleId :

VX0502WBS02

Tot Ion:	56	Resp:	74500
Ion	Ratio	Lower	Upper
56	100		
69	27.3	23.4	35.0
84	72.4	61.9	92.9

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#32

1,1,1-Trichloroethane

Concen: 19.519 ug/l

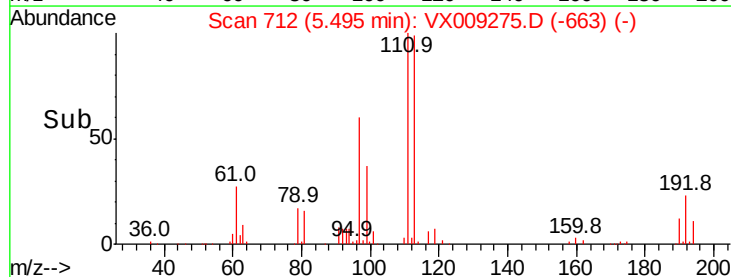
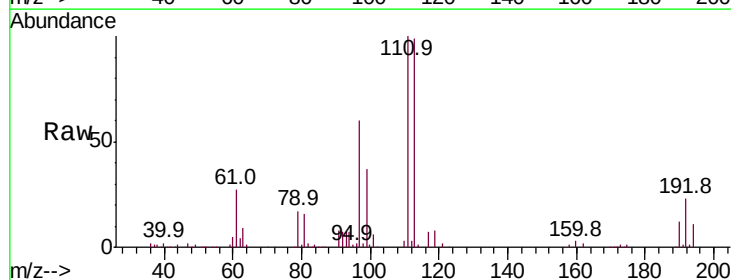
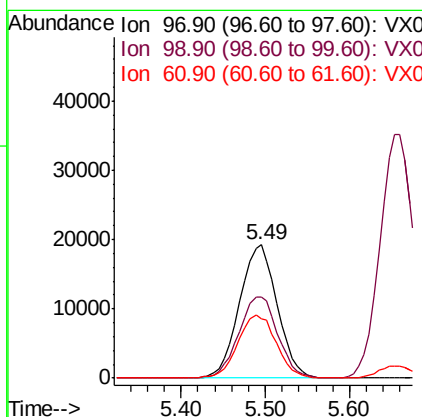
RT: 5.49 min Scan# 712

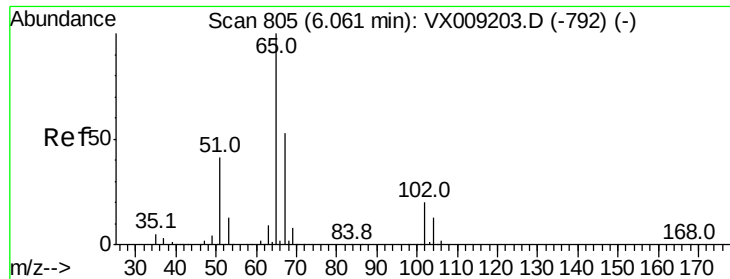
Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Tgt Ion:	97	Resp:	58558
Ion	Ratio	Lower	Upper
97	100		
99	62.7	51.8	77.8
61	48.3	37.8	56.8





#33

1,2-Dichloroethane-d4

Concen: 49.283 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

VX0502WBS02

Tot Ion: 65 Resp: 123575

Ion Ratio Lower Upper

65 100

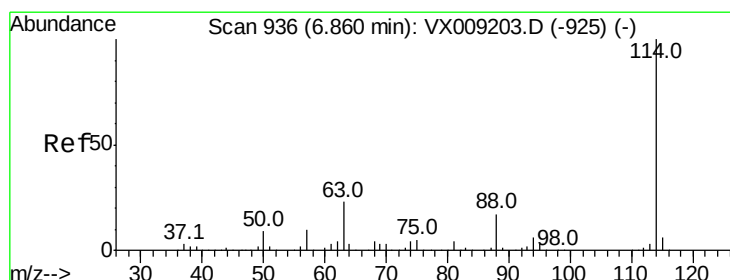
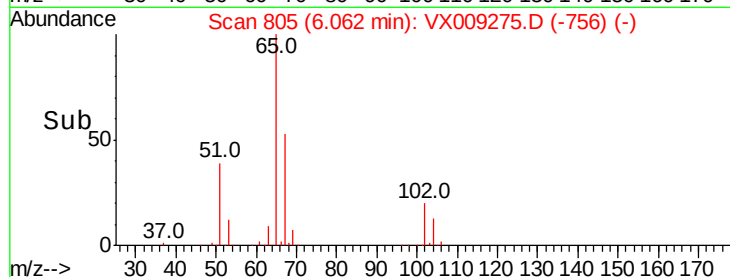
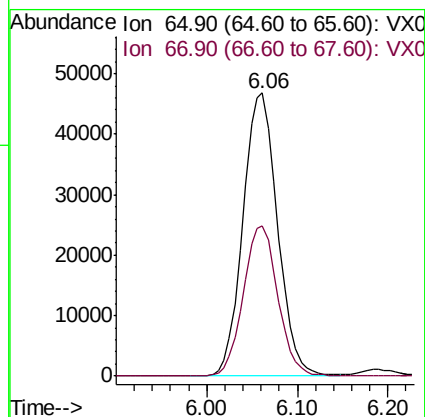
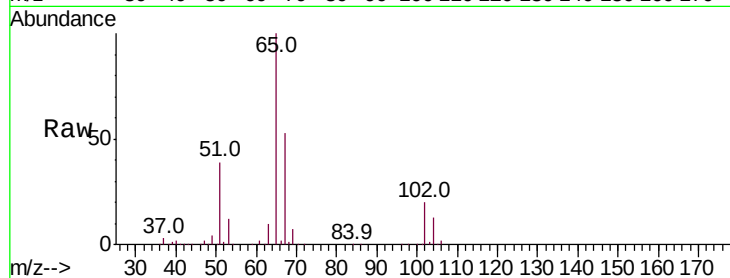
67 53.1 0.0 106.6

Manual Integrations

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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: VX009275.D

Acq: 02 May 2019 16:04

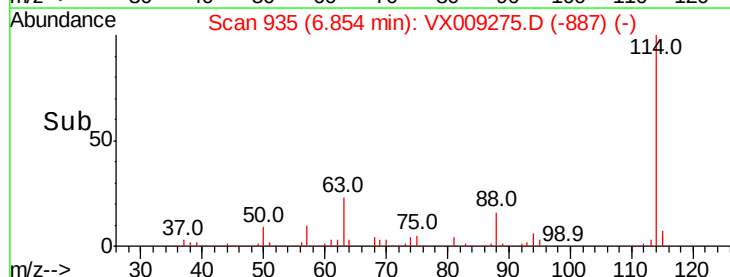
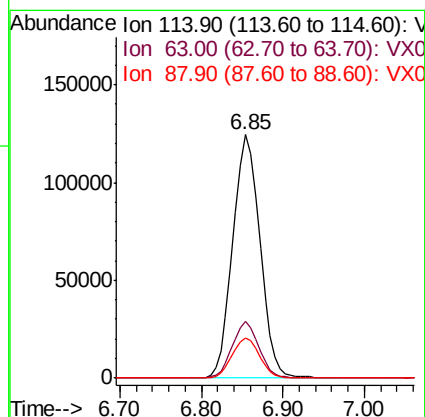
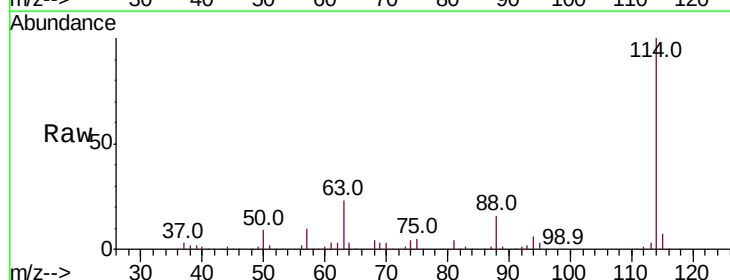
Tgt Ion:114 Resp: 287824

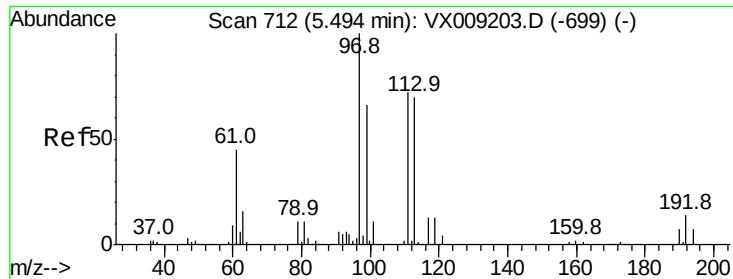
Ion Ratio Lower Upper

114 100

63 23.2 0.0 45.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 49.631 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

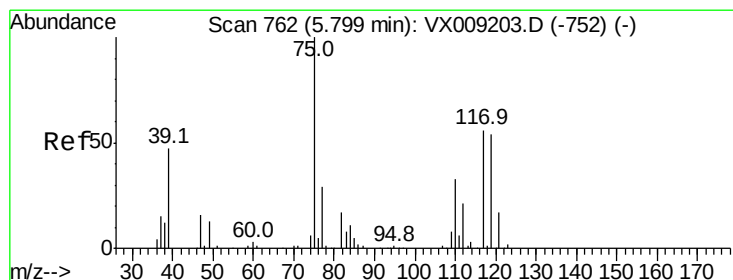
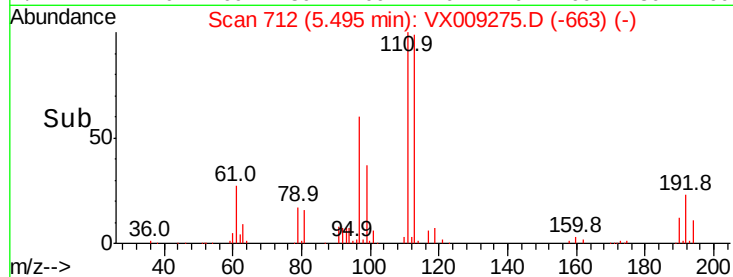
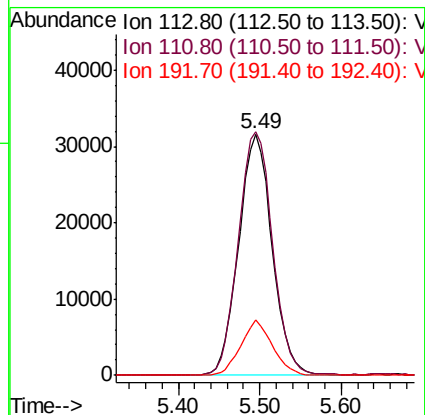
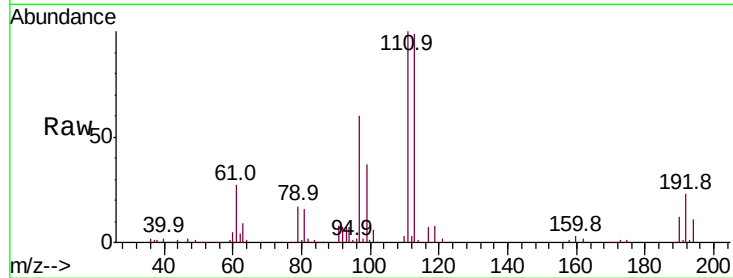
ClientSampled :

VX0502WBS02

Tot Ion:	113	Resp:	89801
Ion Ratio	Lower	Upper	
113	100		
111	103.8	82.8	124.2
192	21.8	17.0	25.6

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 19.915 ug/l

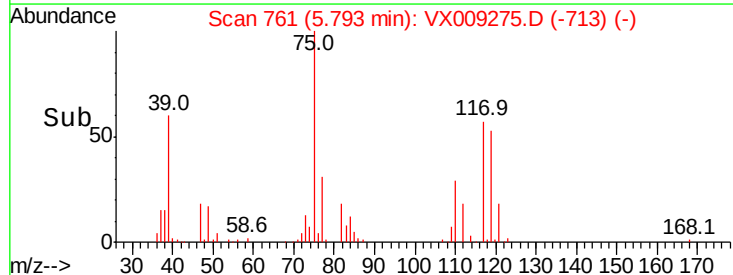
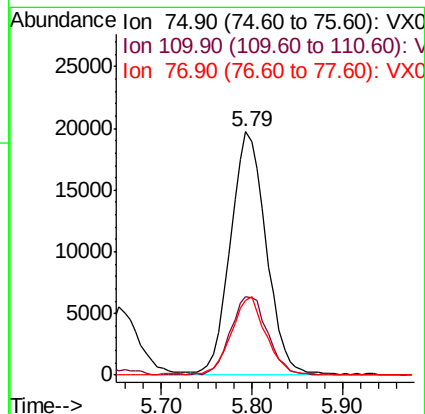
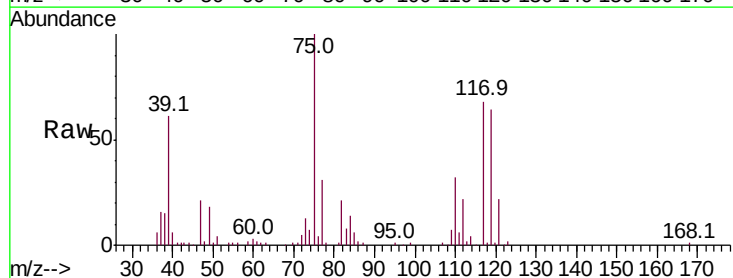
RT: 5.79 min Scan# 761

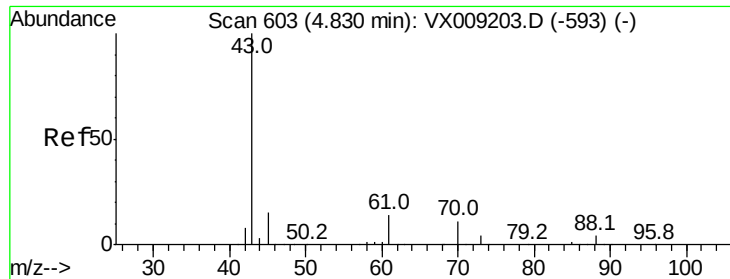
Delta R.T. -0.01 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Tgt Ion:	75	Resp:	53269
Ion Ratio	Lower	Upper	
75	100		
110	34.1	16.9	50.6
77	31.7	24.8	37.2





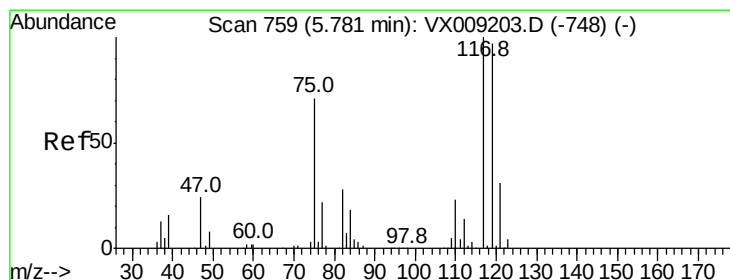
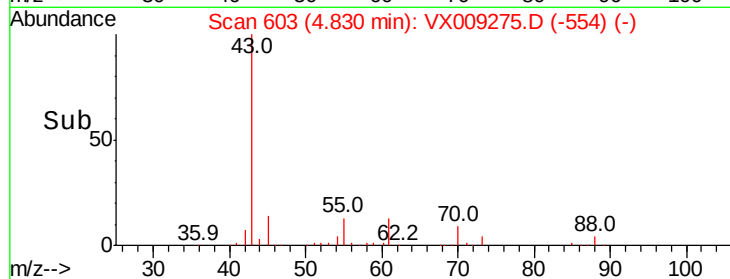
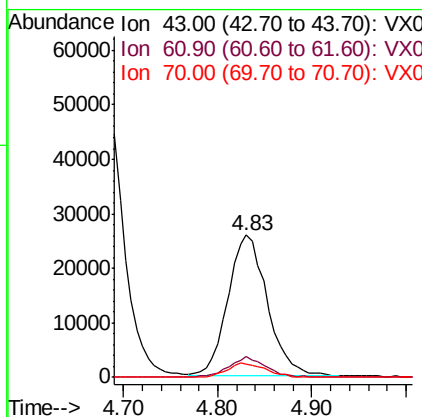
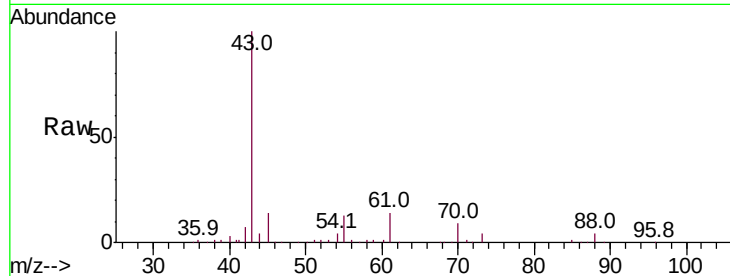
#37
Ethyl Acetate
Concen: 20.250 ug/l
RT: 4.83 min Scan# 603
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tot Ion	43	61	70
Ion	43	61	70
Ratio	100	13.8	10.2
Lower		10.5	7.9
Upper		15.7	11.9

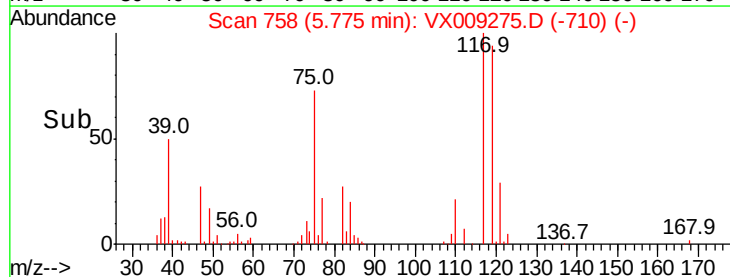
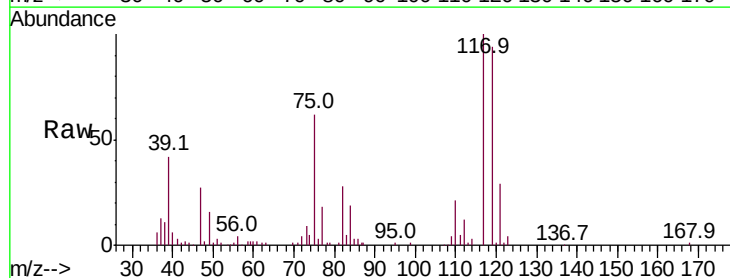
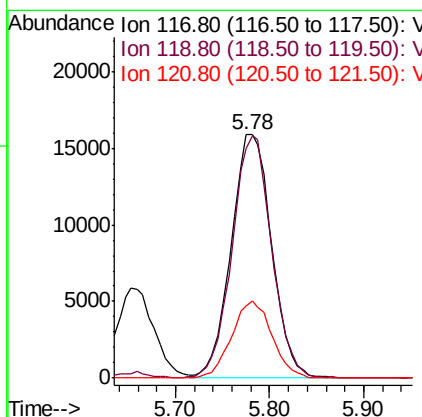
Manual Integrations
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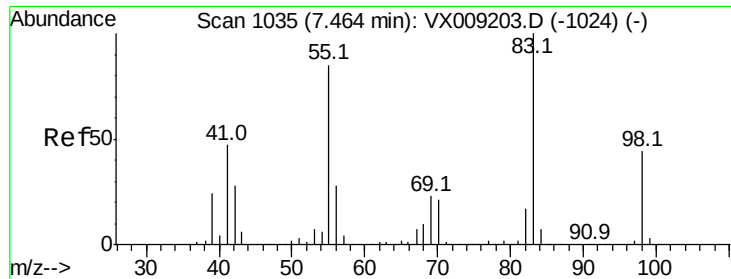
MMDadoda
5/3/2019 11:20:00 AM



#38
Carbon Tetrachloride
Concen: 19.660 ug/l
RT: 5.78 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion	117	119	121
Ion	117	119	121
Ratio	100	94.3	29.4
Lower		77.5	24.7
Upper		116.3	37.1





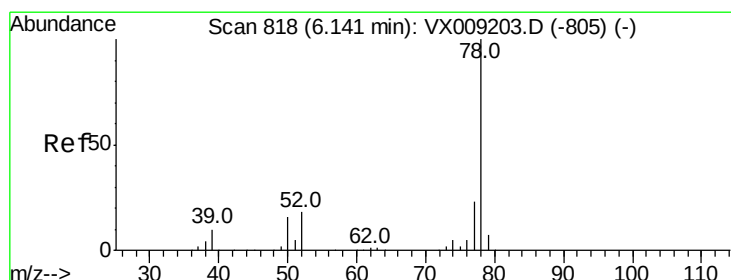
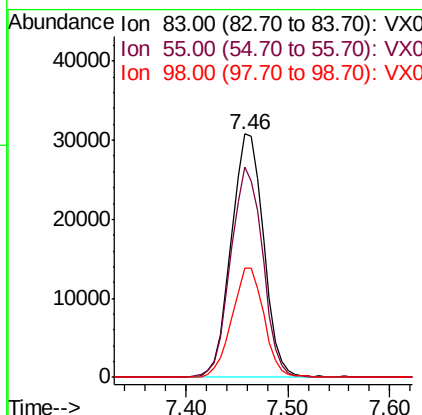
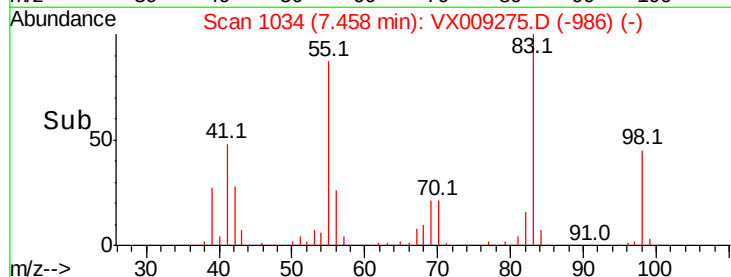
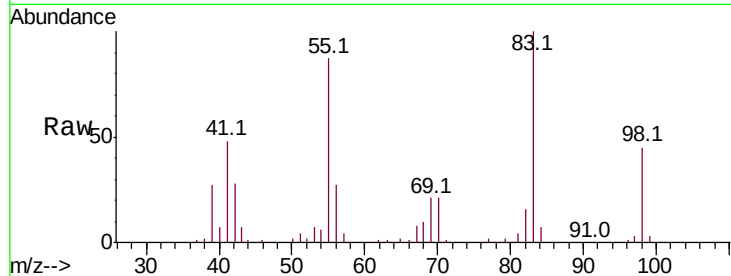
#39
Methvlcvclohexane
Concen: 20.696 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampled :
VX0502WBS02

Tot Ion	Ratio	Lower	Upper
83	100		
55	86.4	67.7	101.5
98	44.9	35.5	53.3

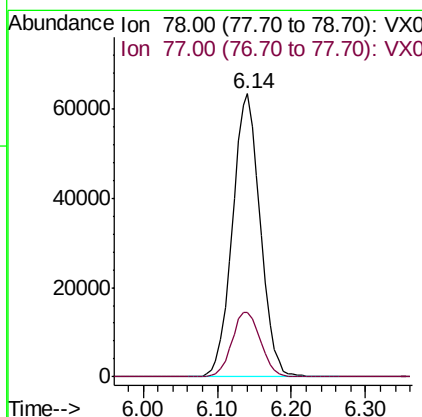
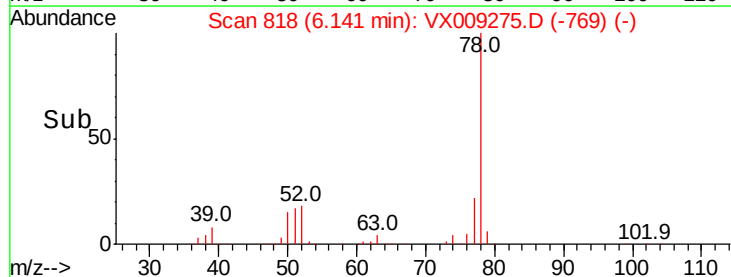
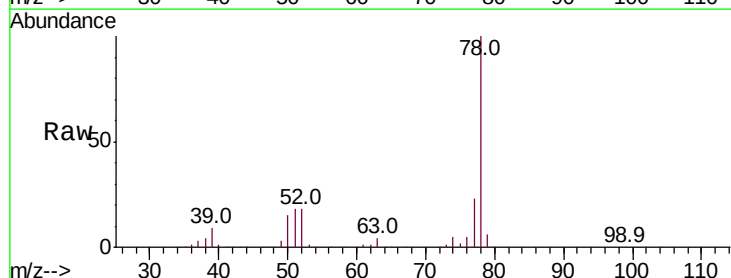
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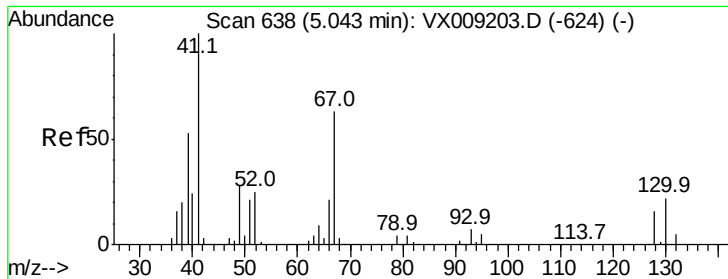
MMDadoda
5/3/2019 11:20:00 AM



#40
Benzene
Concen: 19.989 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.8	28.2





#41

Methacrylonitrile

Concen: 19.427 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

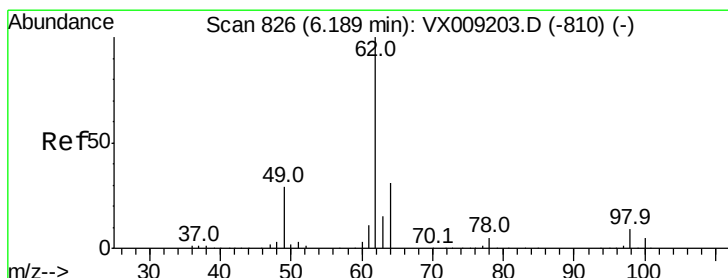
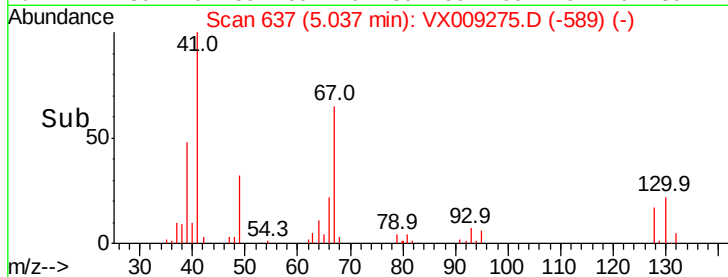
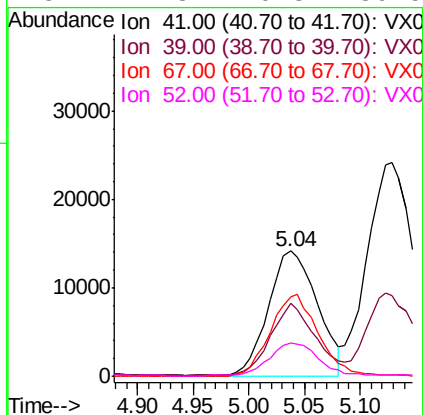
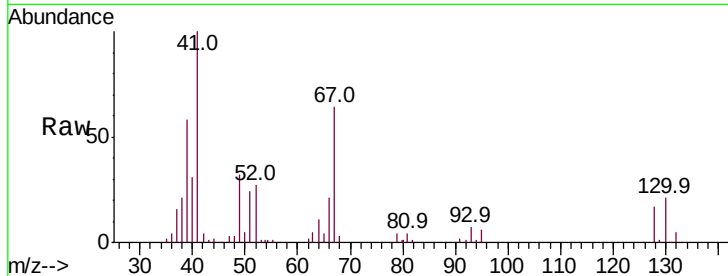
ClientSampled :

VX0502WBS02

Tot Ion:	41	Resp:	43097
Ion Ratio	Lower	Upper	
41	100		
39	54.0	42.0	63.0
67	64.5	49.8	74.8
52	27.8	20.3	30.5

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 19.971 ug/l

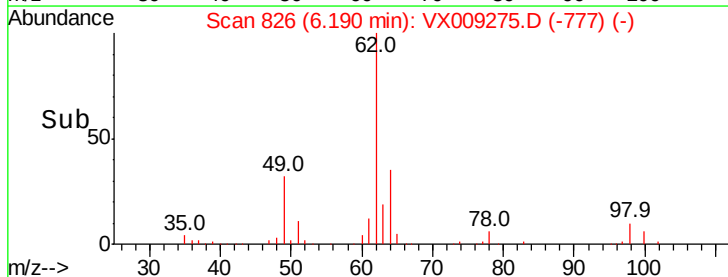
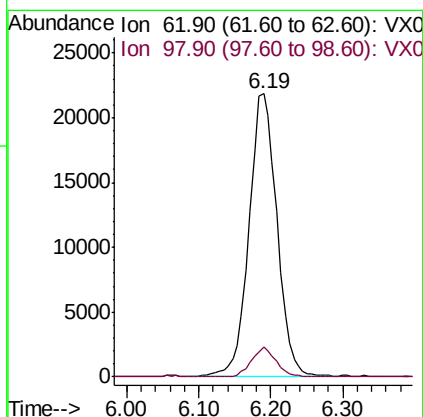
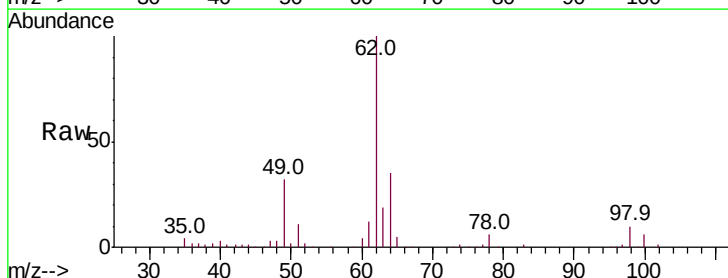
RT: 6.19 min Scan# 826

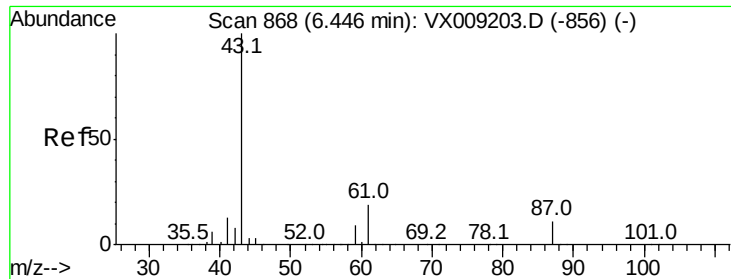
Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Tgt Ion:	62	Resp:	59302
Ion Ratio	Lower	Upper	
62	100		
98	9.2	0.0	18.2





#43

Isopropyl Acetate

Concen: 20.006 ug/l

RT: 6.44 min Scan# 867

Delta R.T. -0.01 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

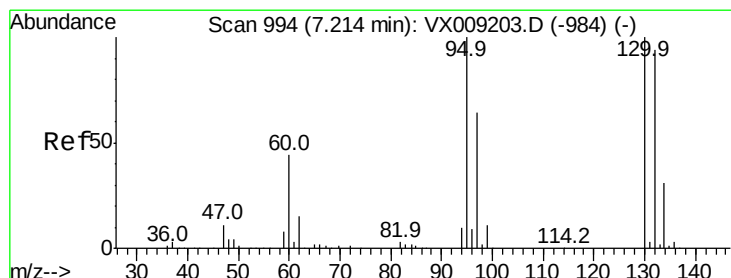
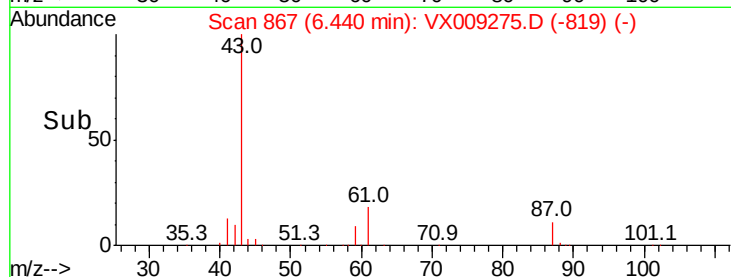
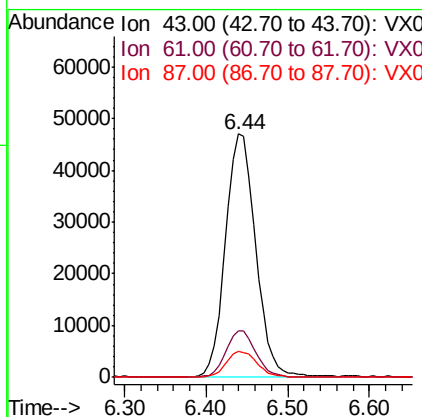
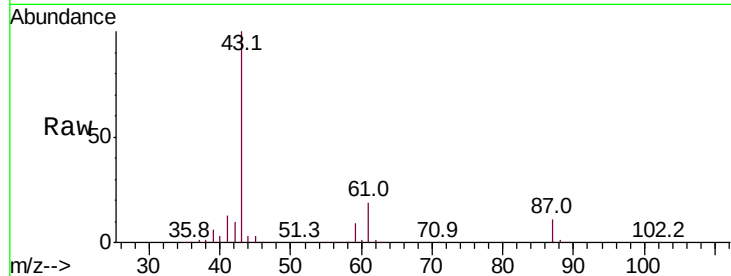
ClientSampleId :

VX0502WBS02

Tot Ion:	43	Resp:	119258
Ion	Ratio	Lower	Upper
43	100		
61	19.4	15.1	22.7
87	11.1	9.0	13.6

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#44

Trichloroethene

Concen: 19.074 ug/l

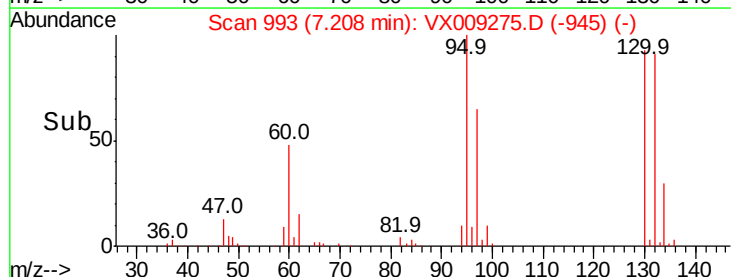
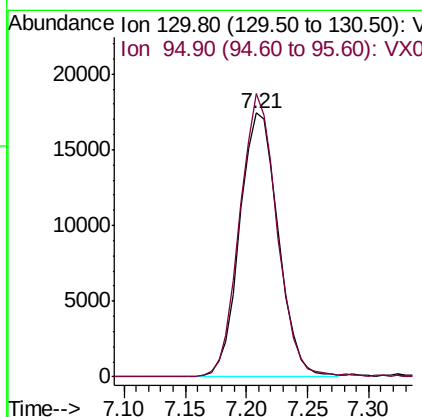
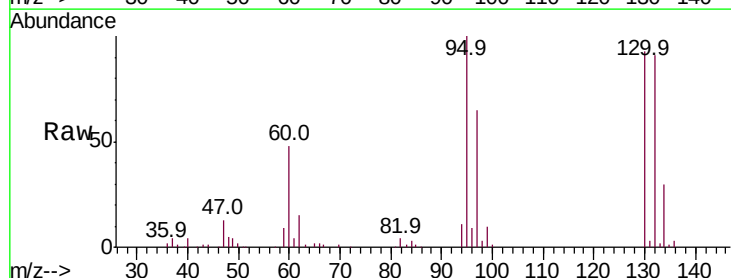
RT: 7.21 min Scan# 993

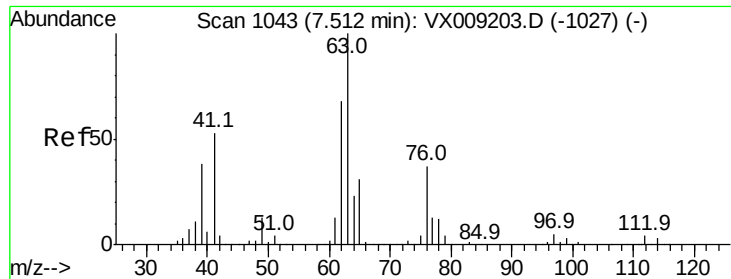
Delta R.T. -0.01 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Tgt Ion:	130	Resp:	38171
Ion	Ratio	Lower	Upper
130	100		
95	107.3	0.0	199.2





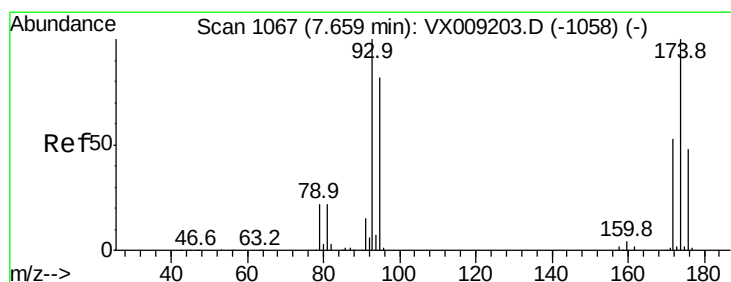
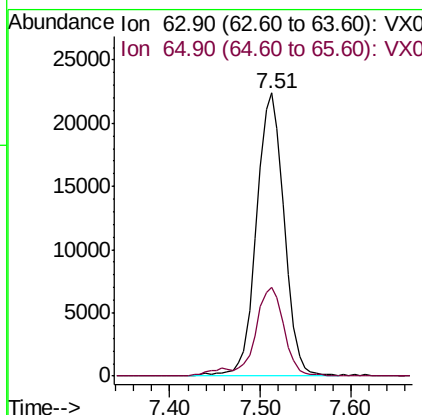
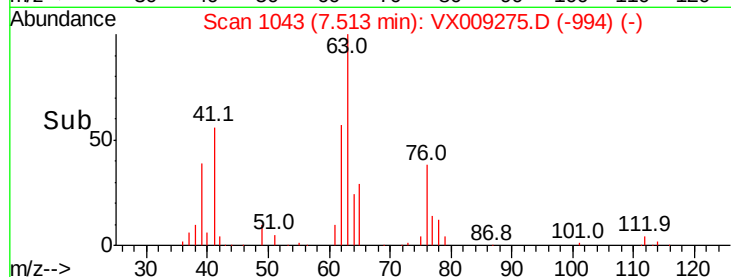
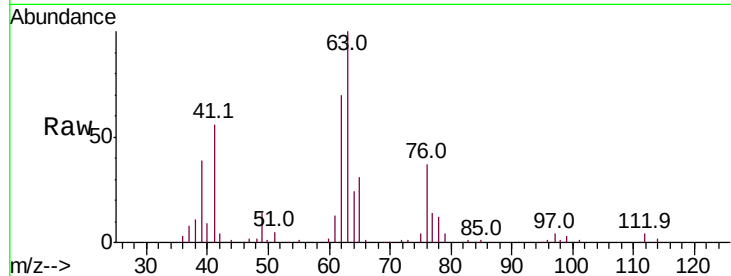
#45
 1,2-Dichloropropane
 Concen: 20.177 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0502WBS02

Tot Ion: 63 Resp: 47294
 Ion Ratio Lower Upper
 63 100
 65 31.3 25.0 37.6

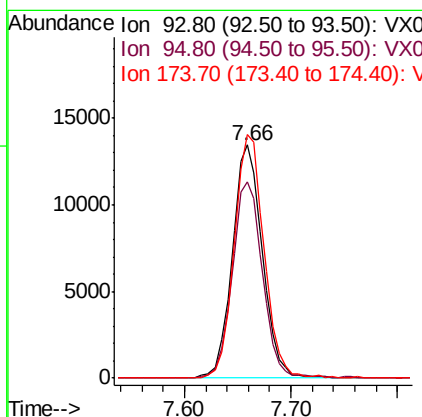
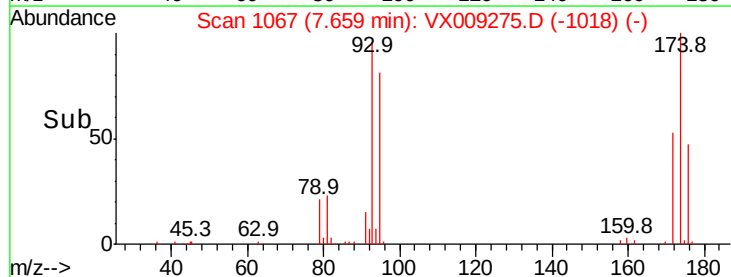
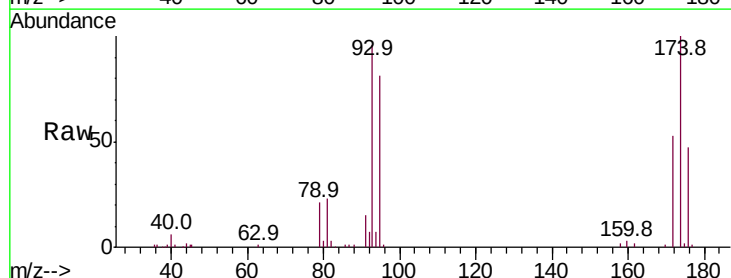
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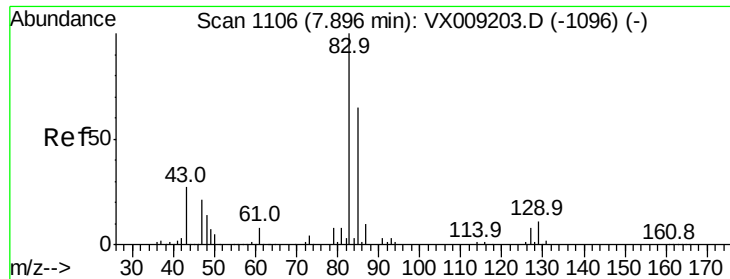
MMDadoda
 5/3/2019 11:20:00 AM



#46
 Dibromomethane
 Concen: 19.484 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Tgt Ion: 93 Resp: 26521
 Ion Ratio Lower Upper
 93 100
 95 85.0 66.5 99.7
 174 104.1 82.1 123.1





#47

Bromodichloromethane

Concen: 19.844 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

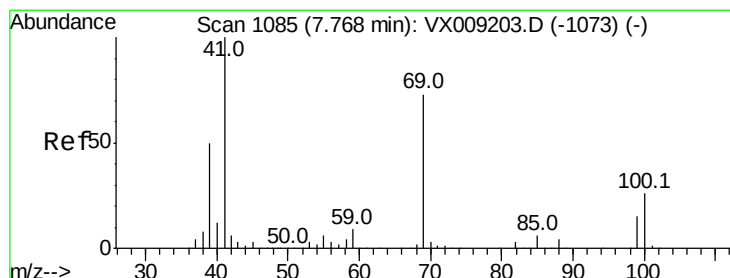
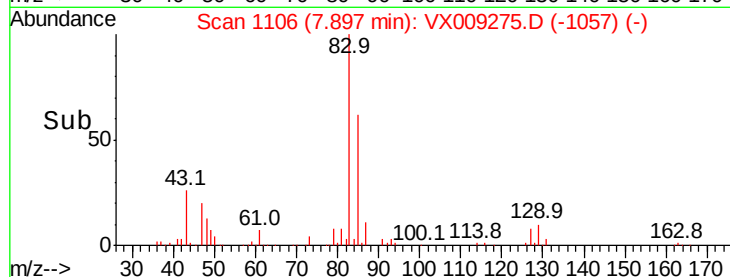
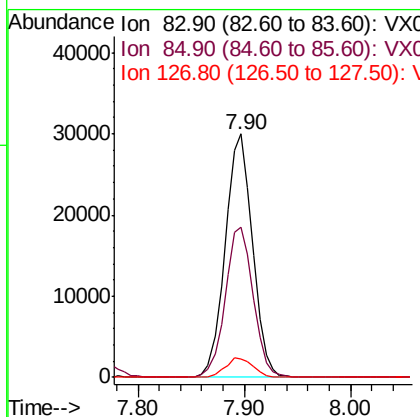
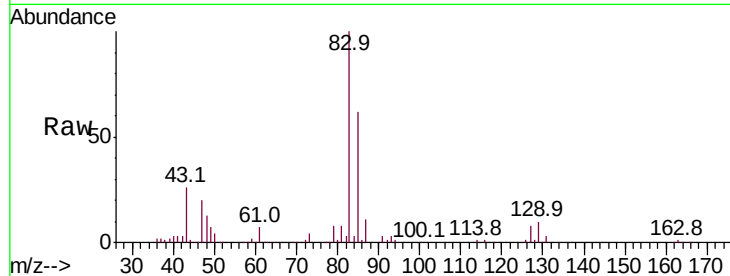
ClientSampleId :

VX0502WBS02

Tot Ion:	83	Resp:	53880
Ion	Ratio	Lower	Upper
83	100		
85	61.9	52.4	78.6
127	7.6	6.6	10.0

Manual Integrations
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5/3/2019 11:20:00 AM



#48

Methyl methacrylate

Concen: 19.745 ug/l

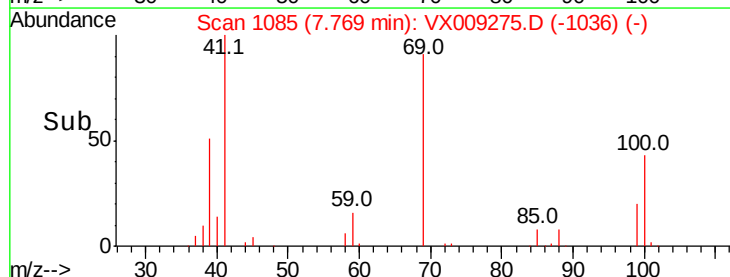
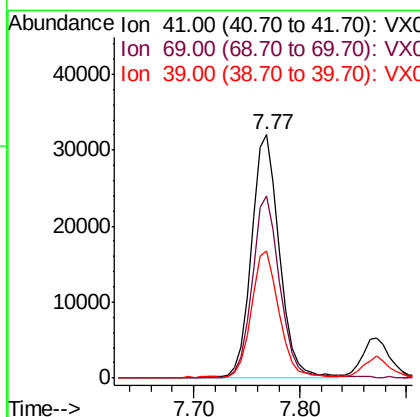
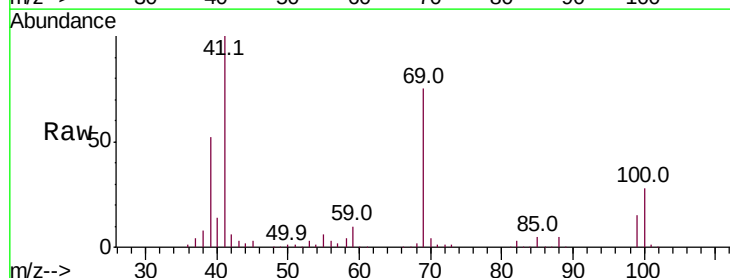
RT: 7.77 min Scan# 1085

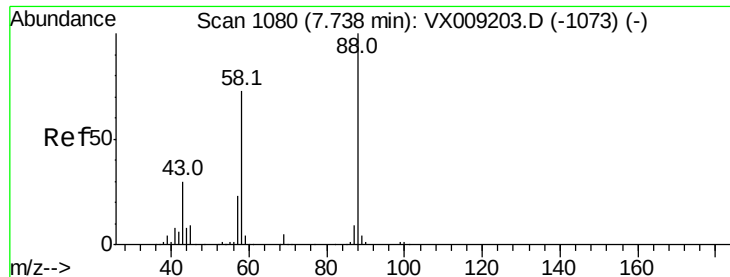
Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Tgt Ion:	41	Resp:	58396
Ion	Ratio	Lower	Upper
41	100		
69	75.5	59.1	88.7
39	53.0	40.4	60.6





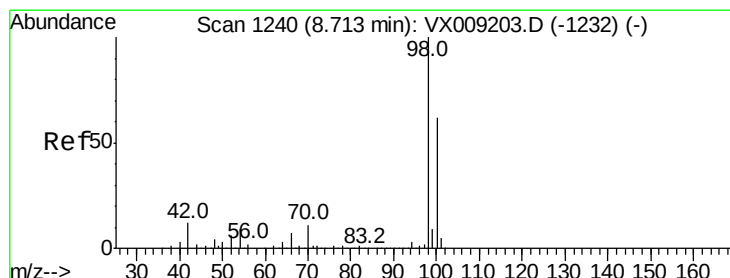
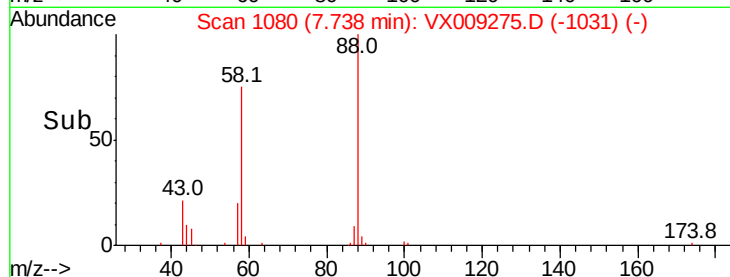
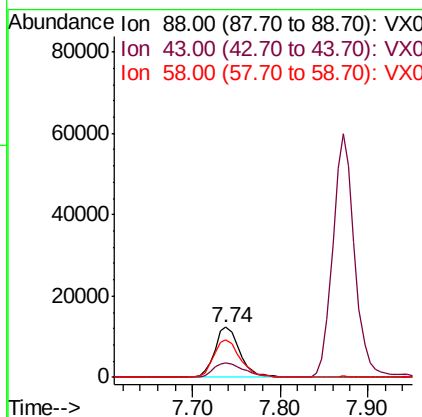
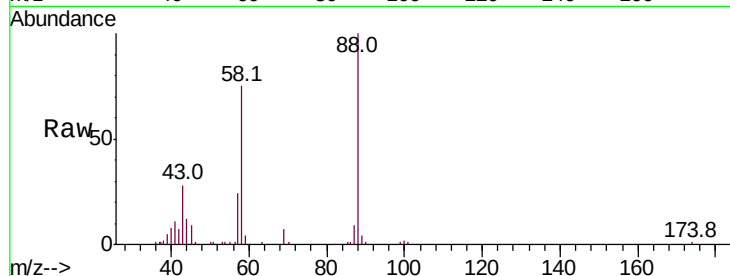
#49
 1,4-Dioxane
 Concen: 411.556 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	28.6	42.8
58	79.5	61.7	92.5

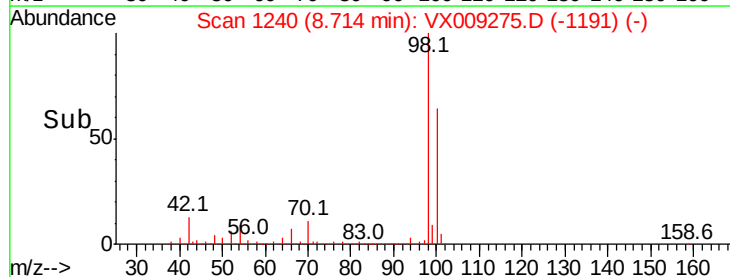
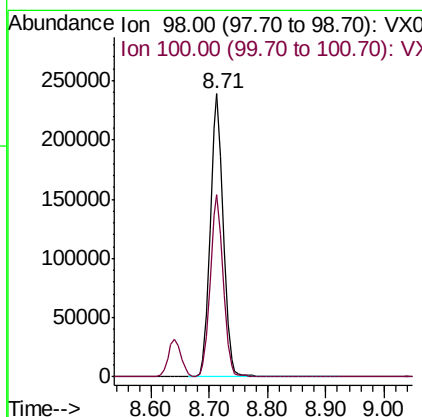
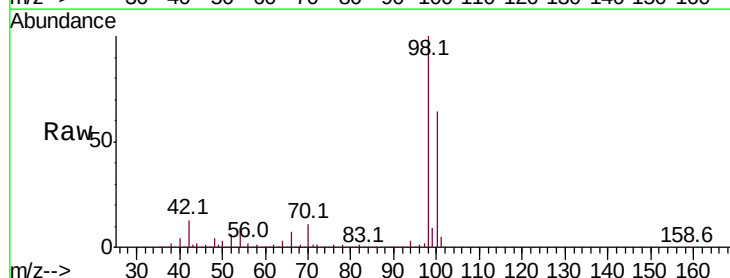
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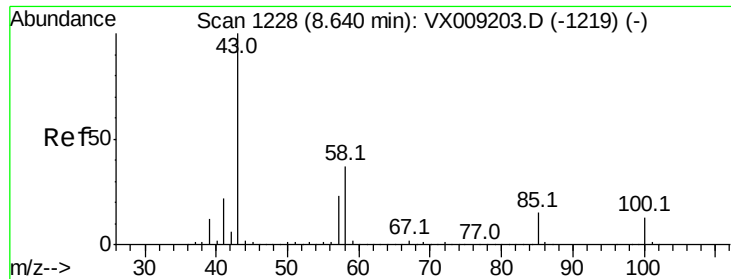
MMDadoda
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#50
 Toluene-d8
 Concen: 50.792 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.1	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 101.957 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

VX0502WBS02

Tot Ion: 43 Resp: 397260

Ion Ratio Lower Upper

43 100

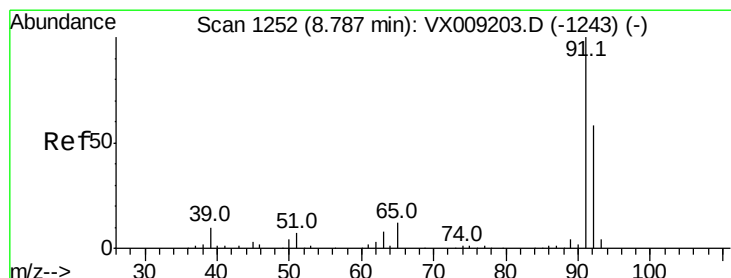
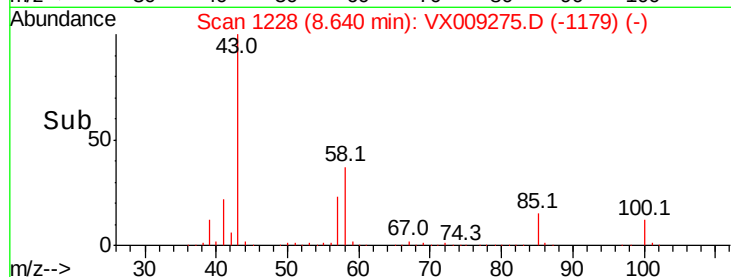
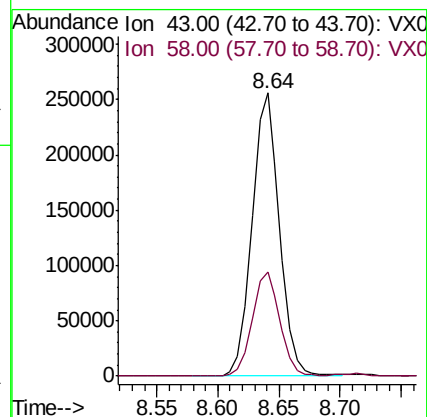
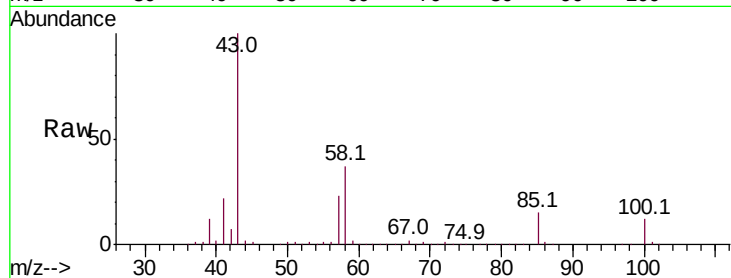
58 37.1 29.5 44.3

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#52

Toluene

Concen: 19.950 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX009275.D

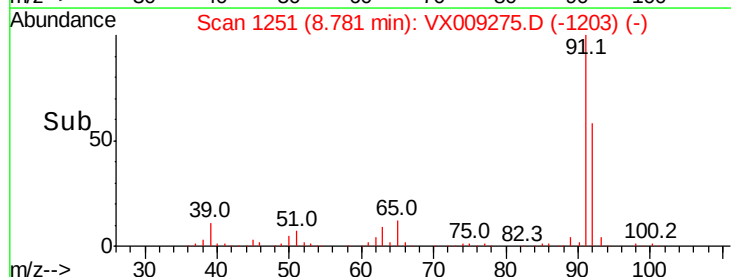
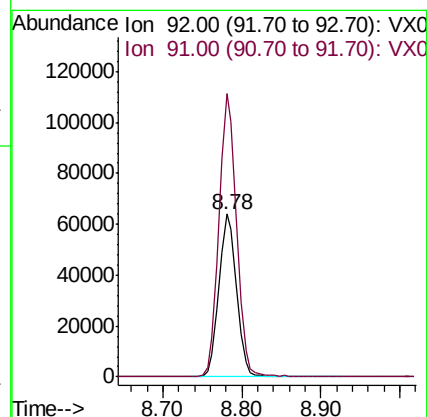
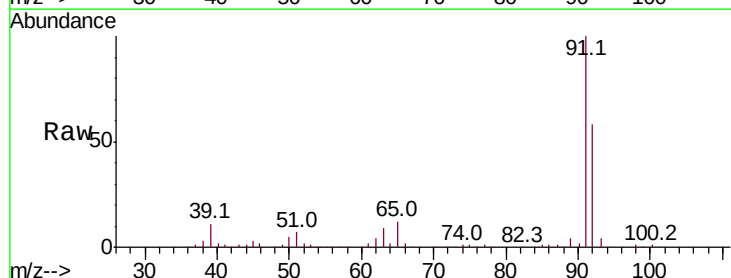
Acq: 02 May 2019 16:04

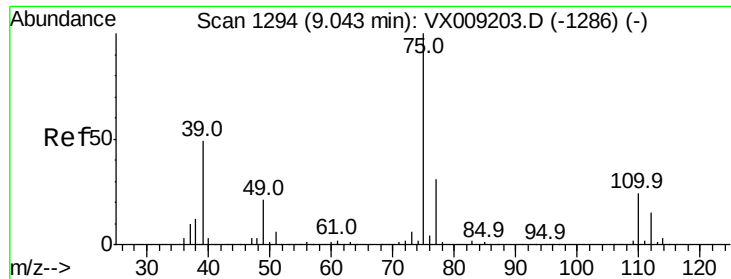
Tgt Ion: 92 Resp: 100387

Ion Ratio Lower Upper

92 100

91 173.1 138.8 208.2





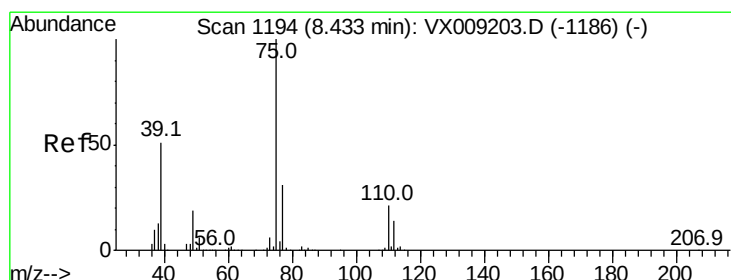
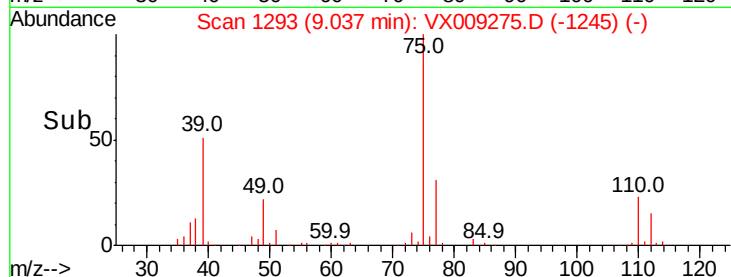
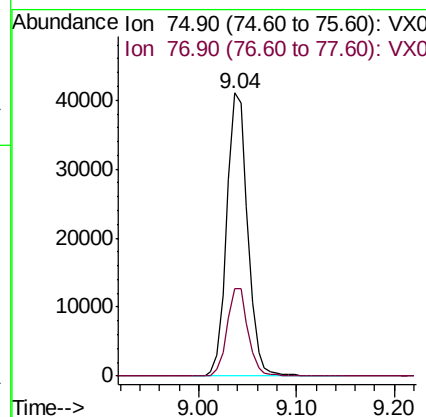
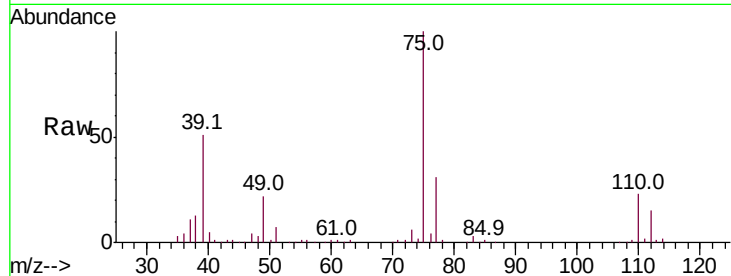
#53
t-1,3-Dichloropropene
Concen: 19.911 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. -0.01 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tot Ion: 75 Resp: 61037
Ion Ratio Lower Upper
75 100
77 30.7 25.0 37.6

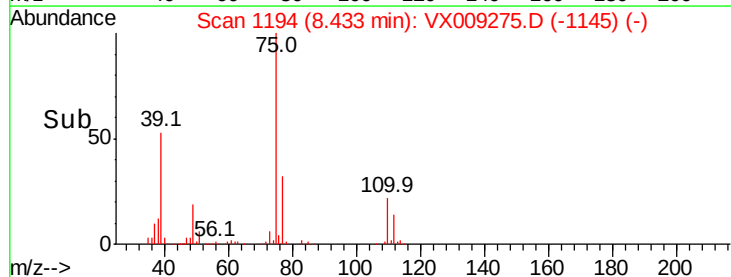
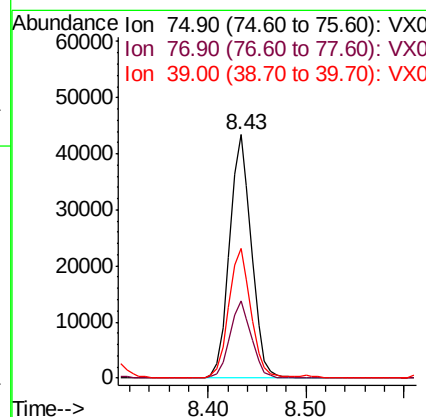
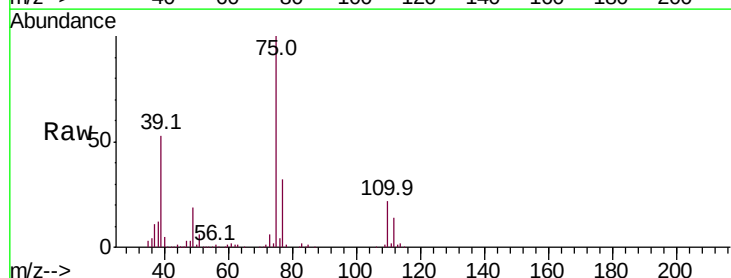
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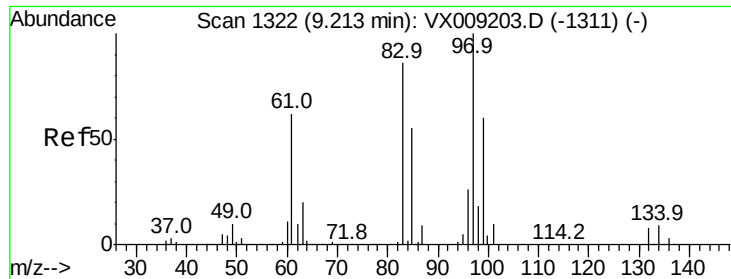
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.917 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion: 75 Resp: 67578
Ion Ratio Lower Upper
75 100
77 31.7 24.6 36.8
39 52.8 40.6 60.8





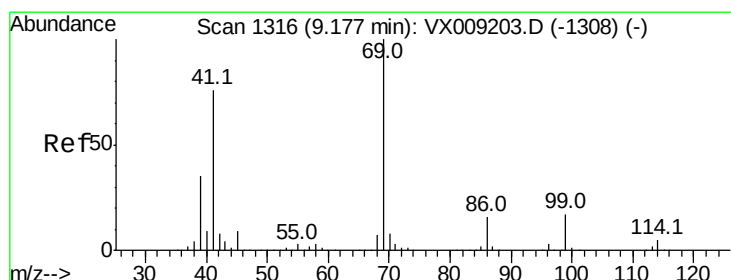
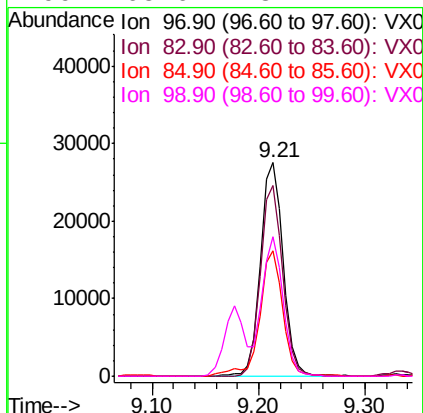
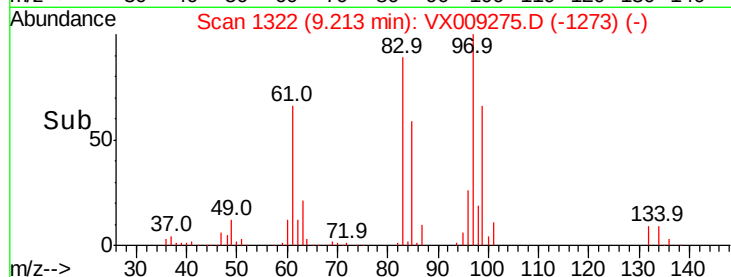
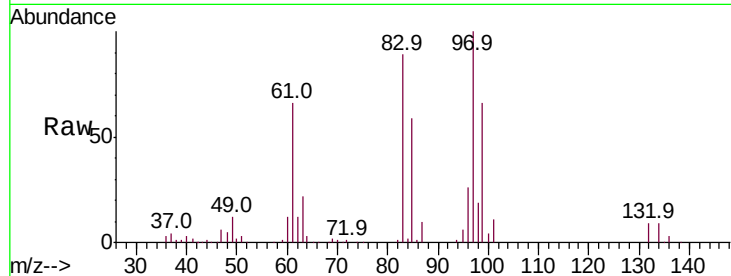
#55
1,1,2-Trichloroethane
Concen: 20.071 ug/l
RT: 9.21 min Scan# 1322
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tot Ion	Ion	Ratio	Lower	Upper
97	100			
83	89.3	68.9	103.3	
85	58.7	43.8	65.6	
99	65.6	48.2	72.2	

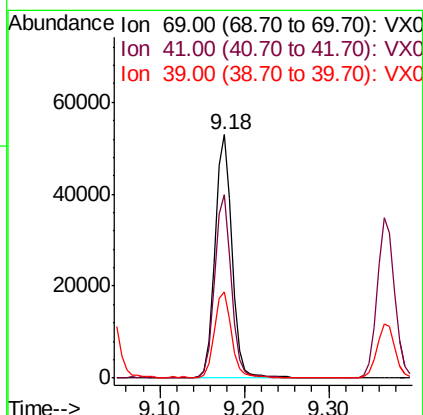
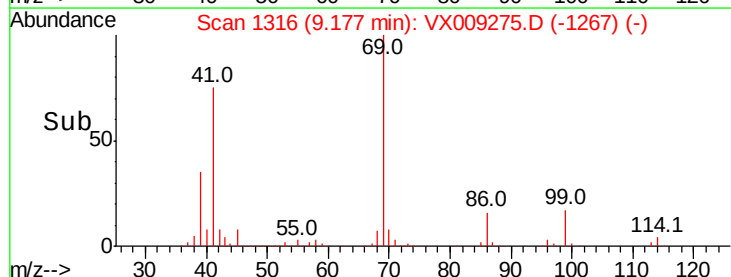
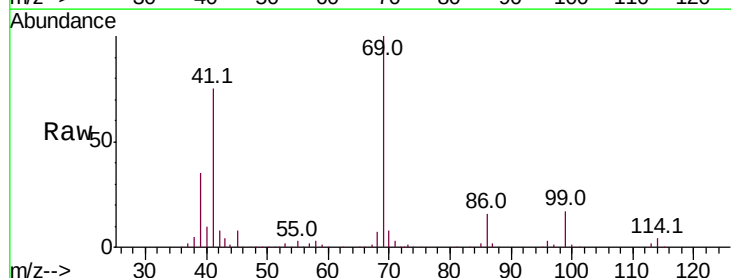
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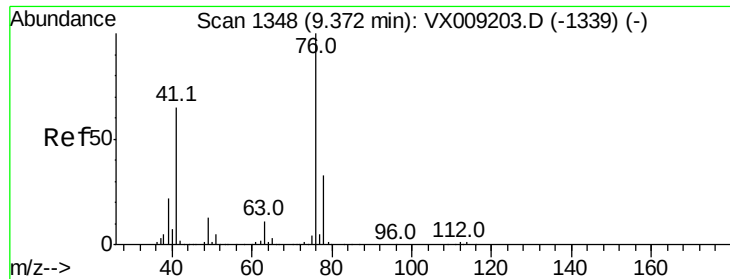
MMDadoda
5/3/2019 11:20:00 AM



#56
Ethyl methacrylate
Concen: 20.294 ug/l
RT: 9.18 min Scan# 1316
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion	Ion	Ratio	Lower	Upper
69	100			
41	73.5	60.6	90.8	
39	35.1	28.2	42.4	





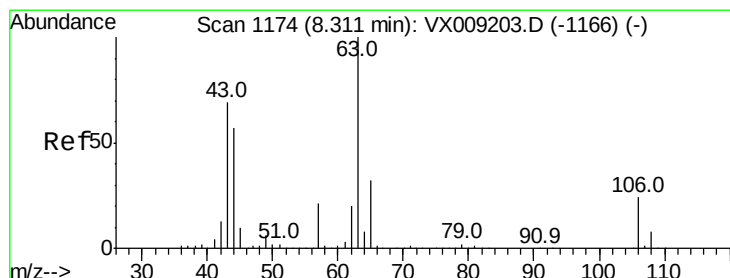
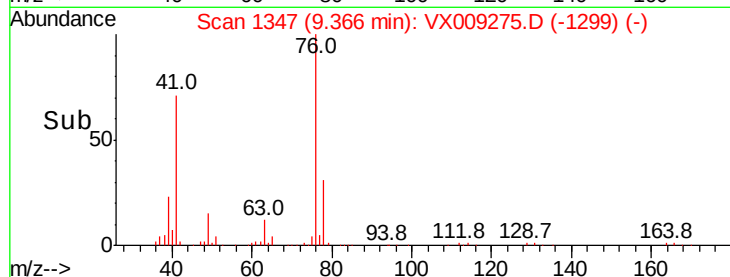
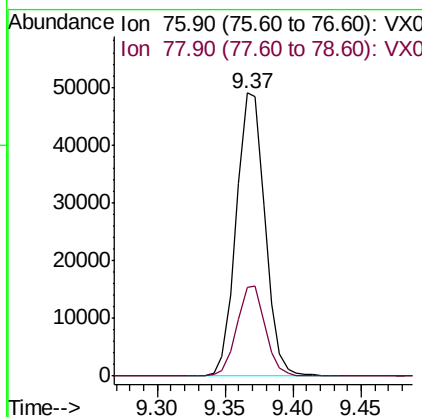
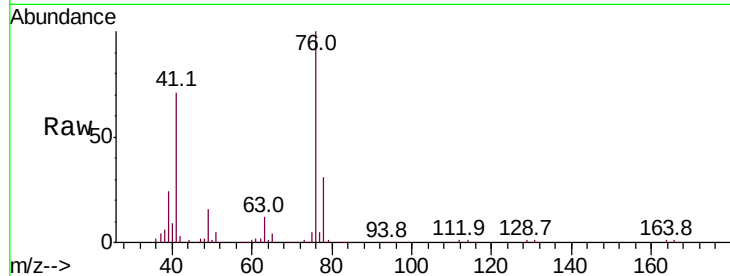
#57
 1,3-Dichloropropane
 Concen: 19.994 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Instrument :
 MSVOA_X
 ClientSampled :
 VX0502WBS02

Tot Ion: 76 Resp: 72229
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.5 38.3

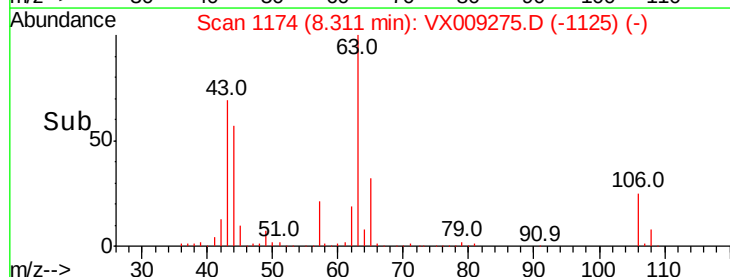
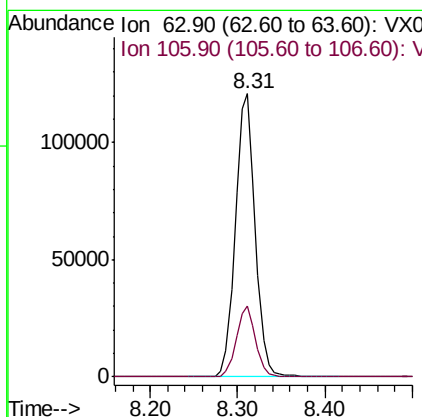
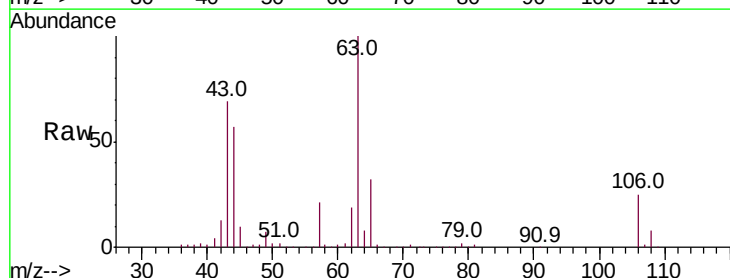
Manual Integrations
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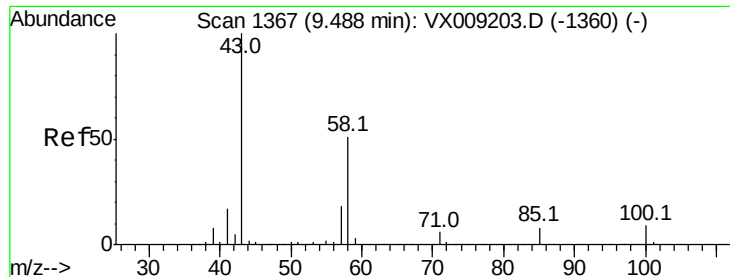
MMDadoda
 5/3/2019 11:20:00 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 97.960 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Tgt Ion: 63 Resp: 190438
 Ion Ratio Lower Upper
 63 100
 106 24.5 19.7 29.5





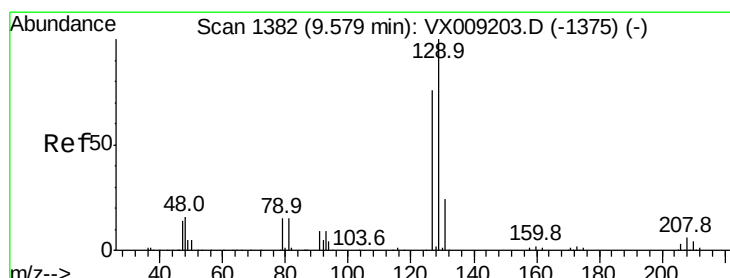
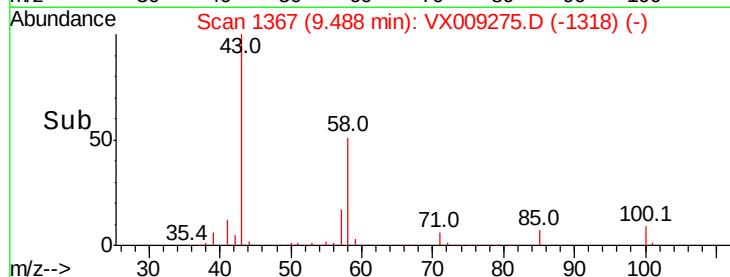
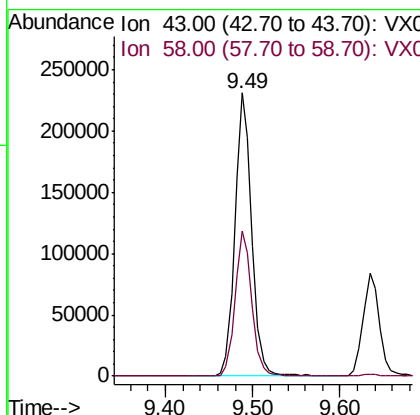
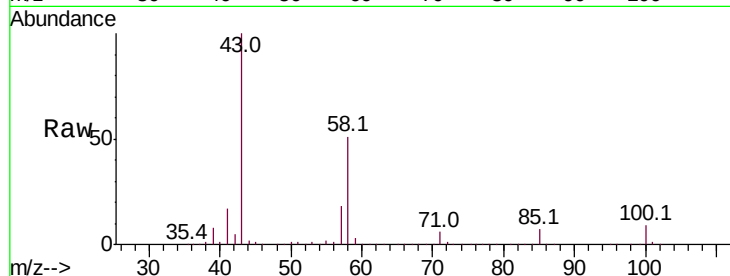
#59
2-Hexanone
Concen: 101.750 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampled :
VX0502WBS02

Tot Ion	43	58	Ratio	100	51.4	Resp	311369	Lower	Upper	77.7
Ion	43	58	Ratio	100	51.4	Resp	311369	Lower	Upper	77.7

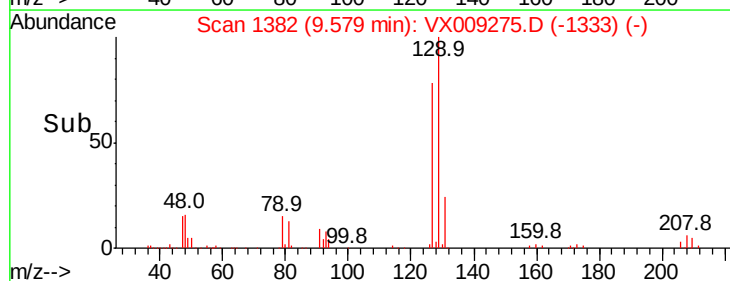
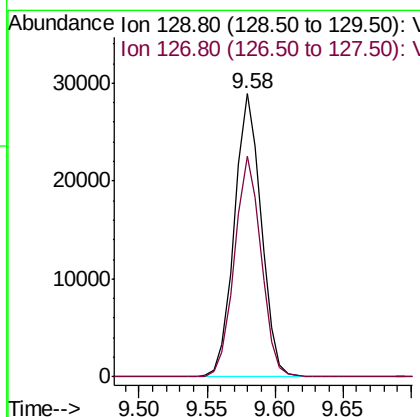
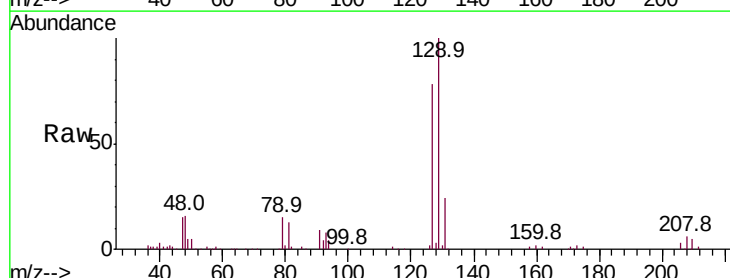
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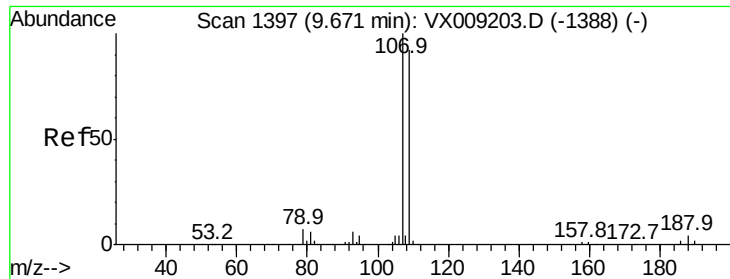
MMDadoda
5/3/2019 11:20:00 AM



#60
Dibromochloromethane
Concen: 19.789 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion	129	127	Ratio	100	77.5	Resp	39678	Lower	Upper	115.1
Ion	129	127	Ratio	100	77.5	Resp	39678	Lower	Upper	115.1





#61

1,2-Dibromoethane

Concen: 19.758 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tot Ion:107 Resp: 40943

Ion Ratio Lower Upper

107 100

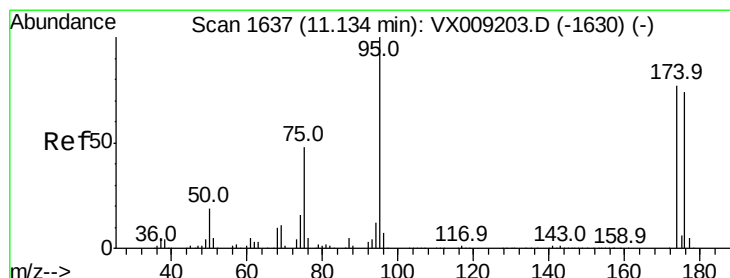
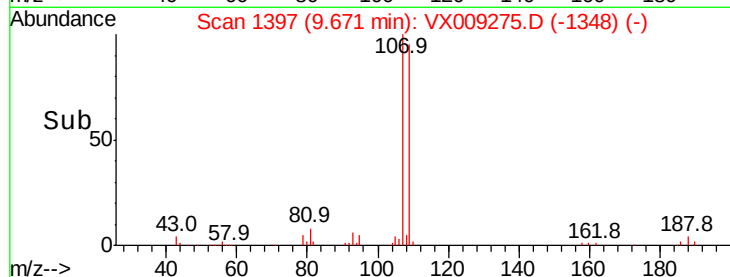
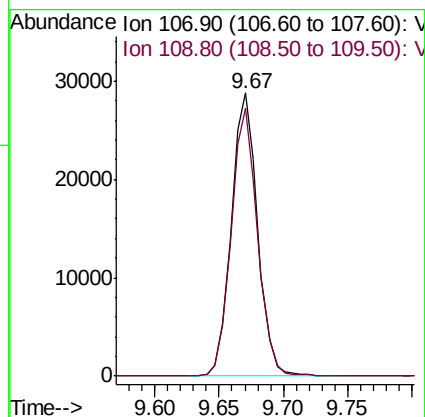
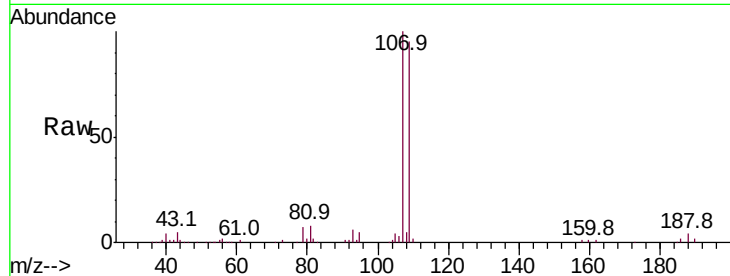
109 94.9 75.2 112.8

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#62

4-Bromofluorobenzene

Concen: 50.490 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

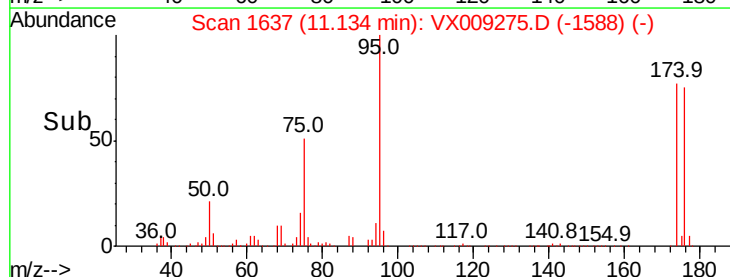
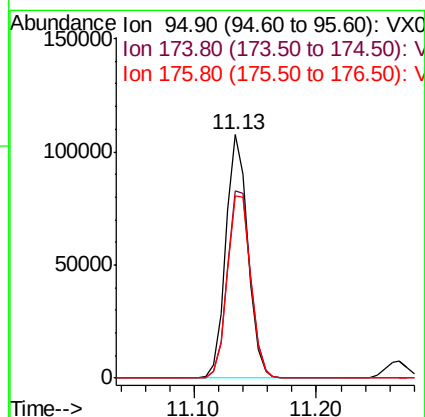
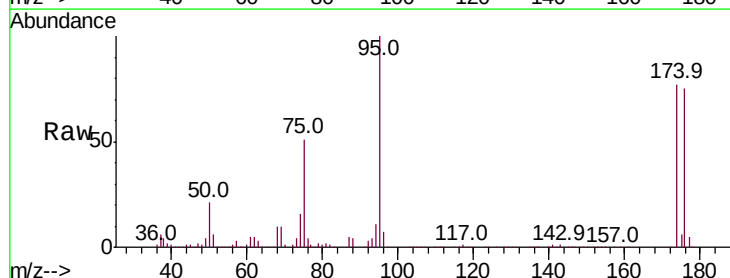
Tgt Ion: 95 Resp: 134016

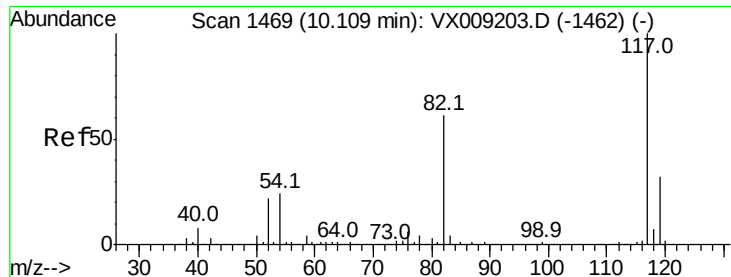
Ion Ratio Lower Upper

95 100

174 81.4 0.0 161.6

176 79.4 0.0 159.2





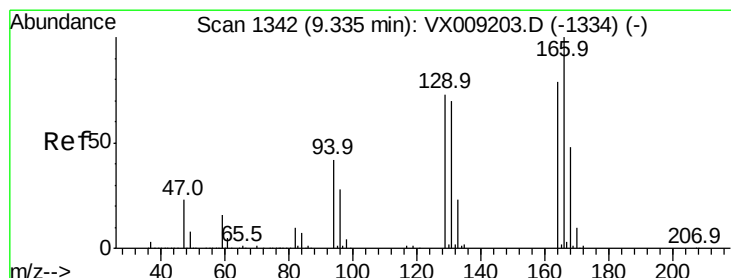
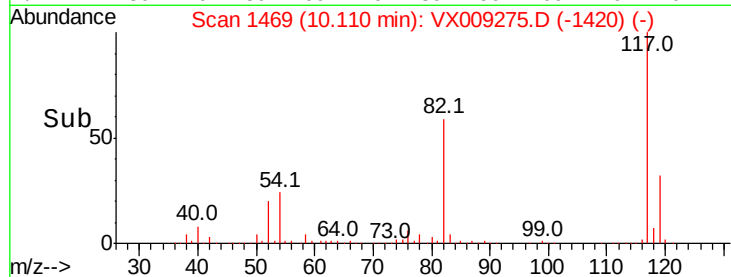
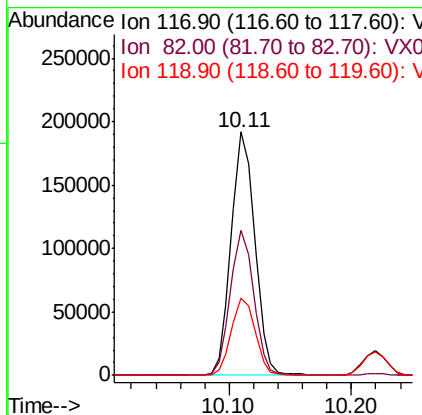
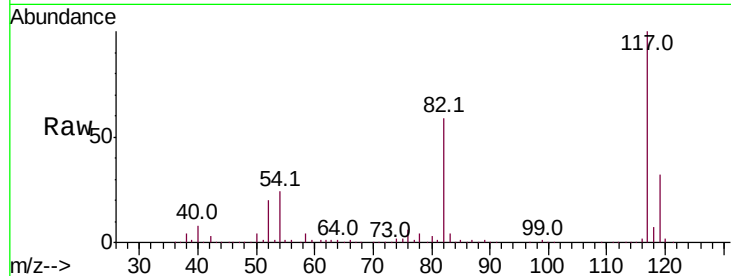
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampled :
VX0502WBS02

Tot Ion	Ratio	Resp	Lower	Upper
117	100	258035		
82	59.3	48.8	73.2	
119	32.0	25.8	38.6	

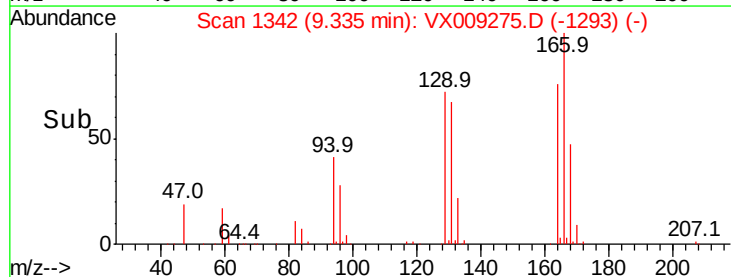
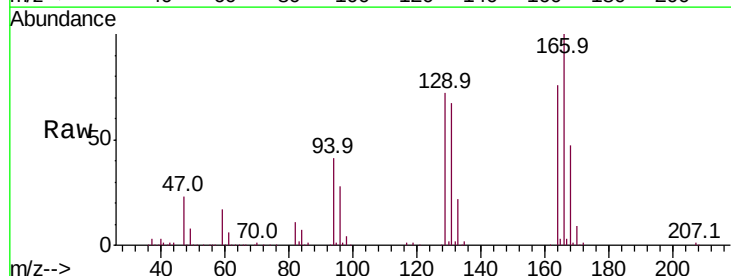
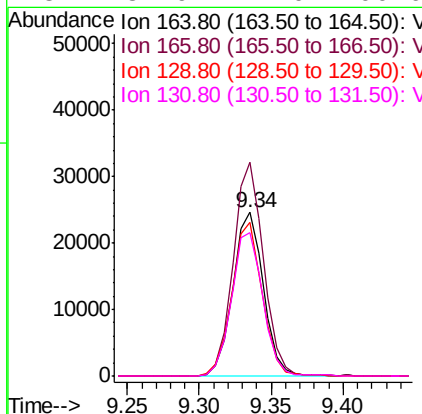
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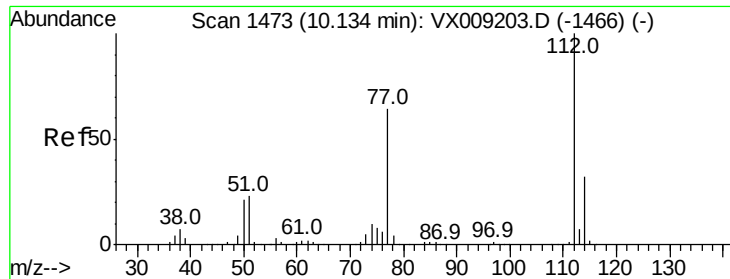
MMDadoda
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#64
Tetrachloroethene
Concen: 20.559 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	36390		
166	130.8	101.2	151.8	
129	94.1	74.3	111.5	
131	87.9	71.0	106.6	





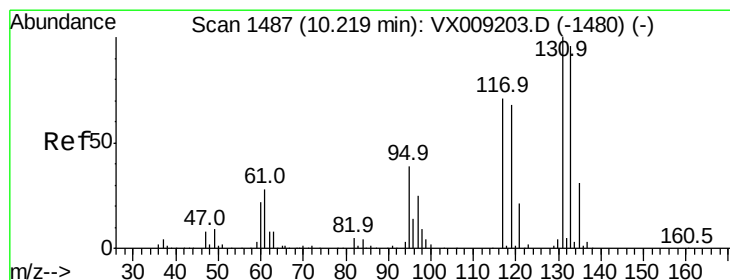
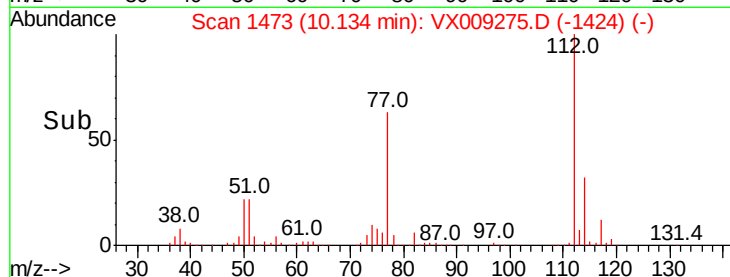
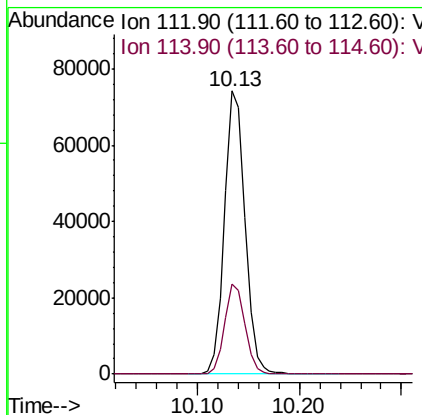
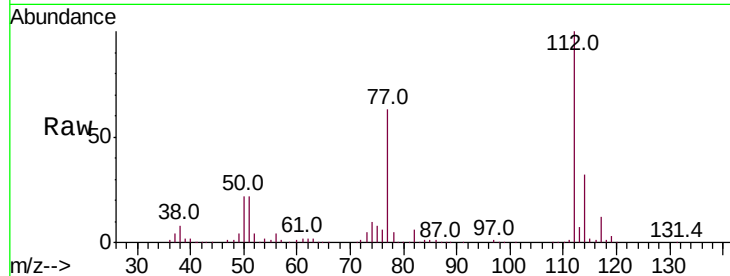
#65
Chlorobenzene
Concen: 20.179 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tot Ion:112 Resp: 104161
Ion Ratio Lower Upper
112 100
114 31.8 25.5 38.3

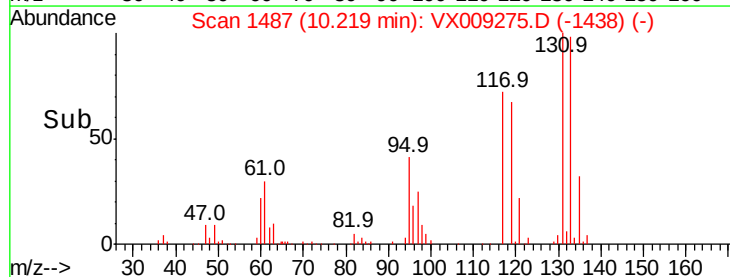
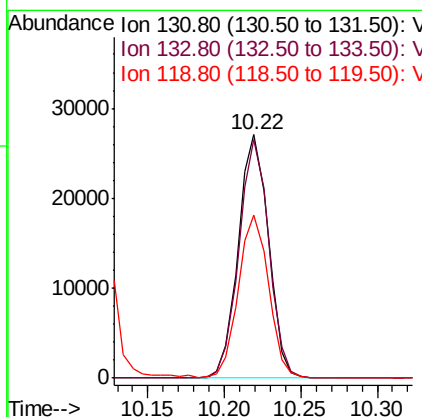
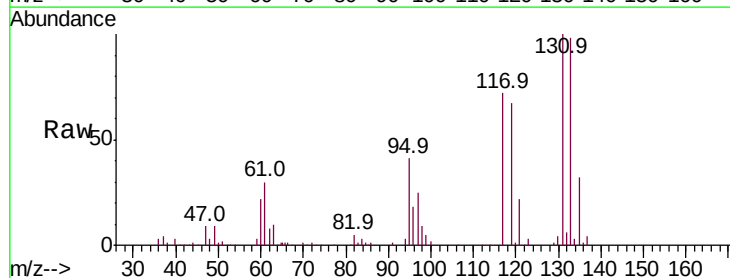
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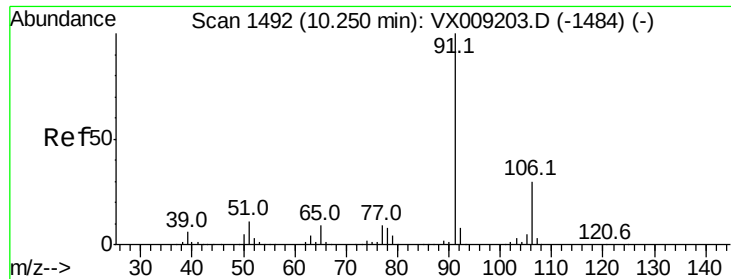
MMDadoda
5/3/2019 11:20:00 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 19.852 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion:131 Resp: 37151
Ion Ratio Lower Upper
131 100
133 96.9 47.7 143.1
119 67.3 33.5 100.4





#67

Ethyl Benzene

Concen: 20.124 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampled :

VX0502WBS02

Tot Ion: 91 Resp: 191170

Ion Ratio Lower Upper

91 100

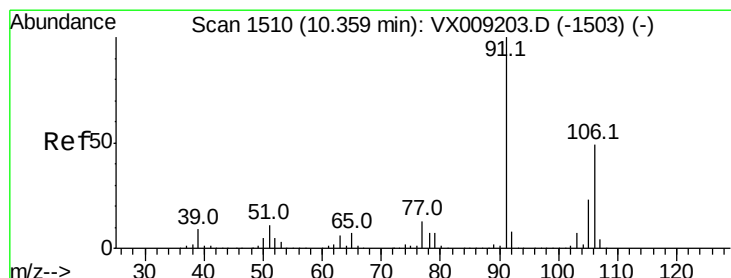
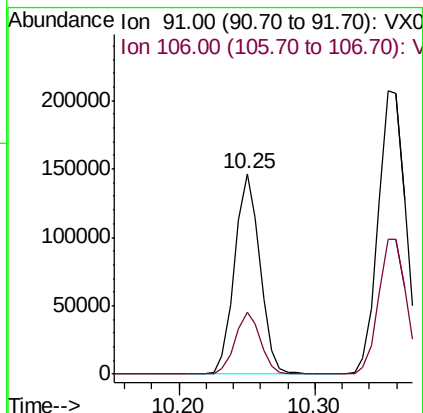
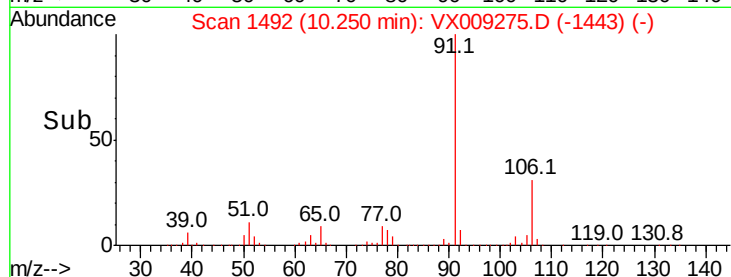
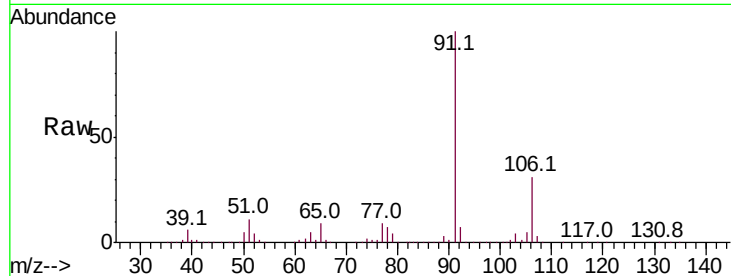
106 30.6 24.0 36.0

Manual Integrations

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#68

m/p-Xylenes

Concen: 40.504 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX009275.D

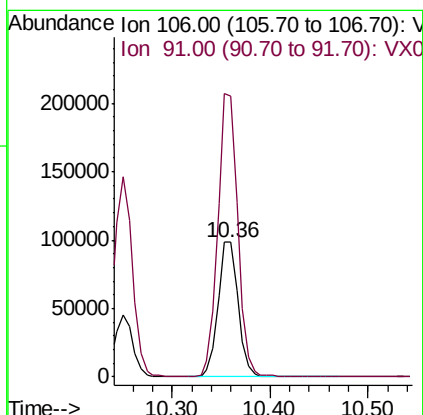
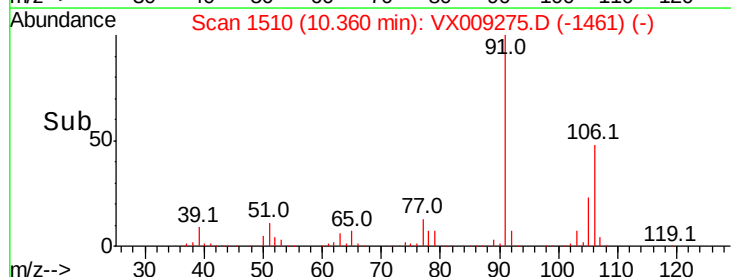
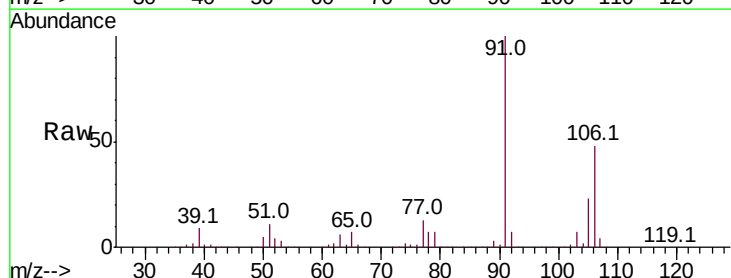
Acq: 02 May 2019 16:04

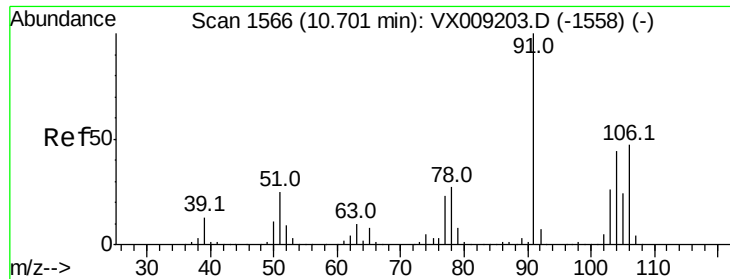
Tgt Ion: 106 Resp: 140612

Ion Ratio Lower Upper

106 100

91 208.9 164.0 246.0





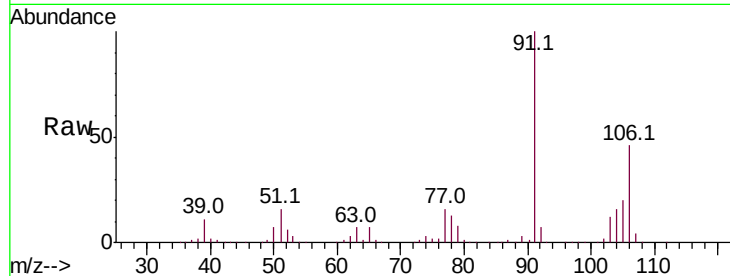
#69
o-Xylene
Concen: 20.278 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

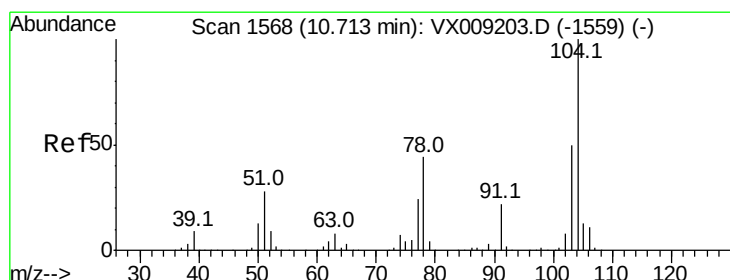
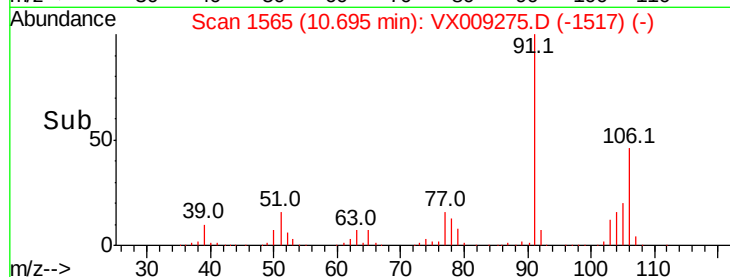
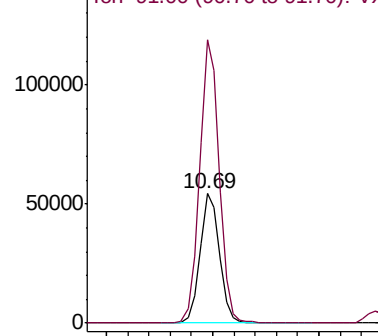
Tot Ion:106 Resp: 69457
Ion Ratio Lower Upper
106 100
91 219.6 109.5 328.4

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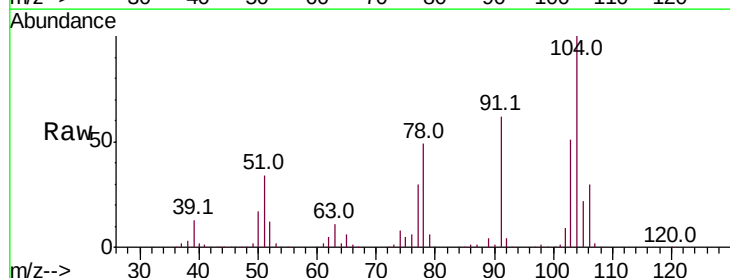


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

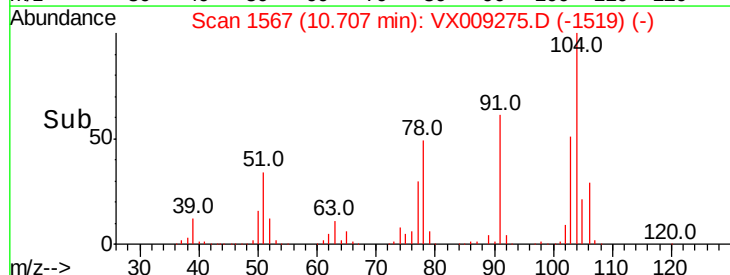
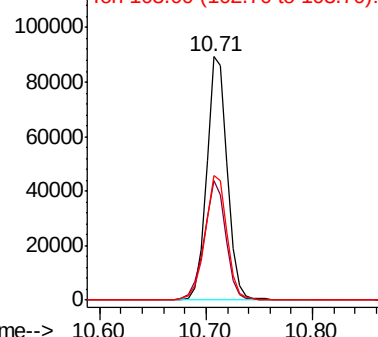


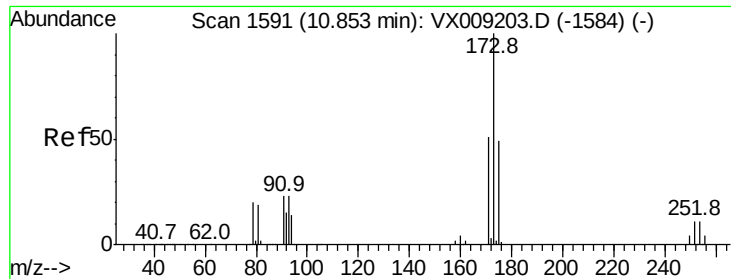
#70
Styrene
Concen: 20.307 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion:104 Resp: 120890
Ion Ratio Lower Upper
104 100
78 51.7 41.0 61.4
103 54.8 43.8 65.6



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





#71

Bromoform

Concen: 19.066 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tot Ion:173 Resp: 28996

Ion Ratio Lower Upper

173 100

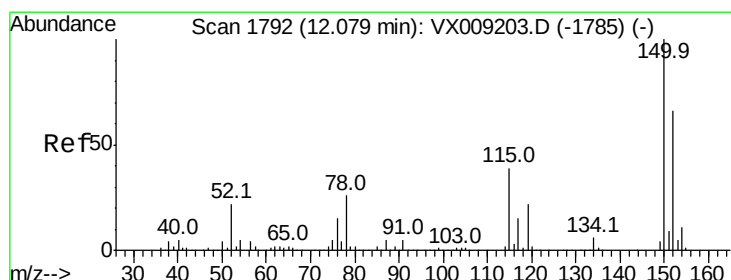
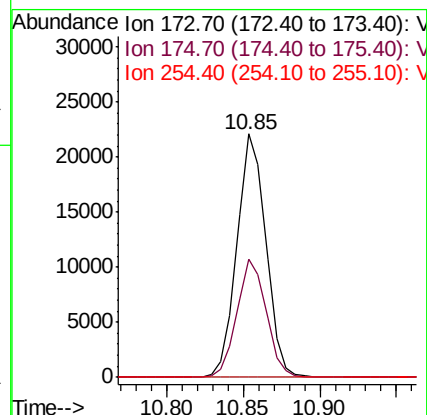
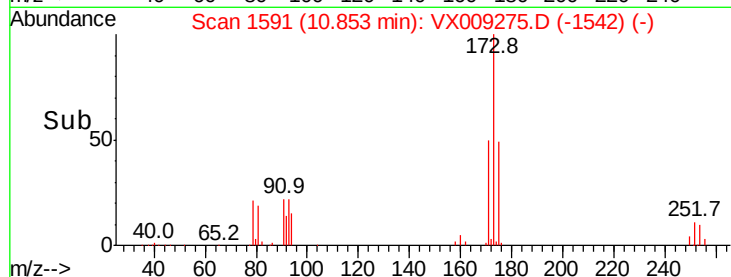
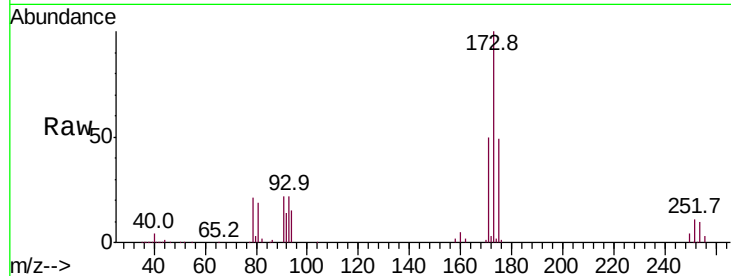
175 49.2 24.5 73.5

254 0.0 0.1 0.1#

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

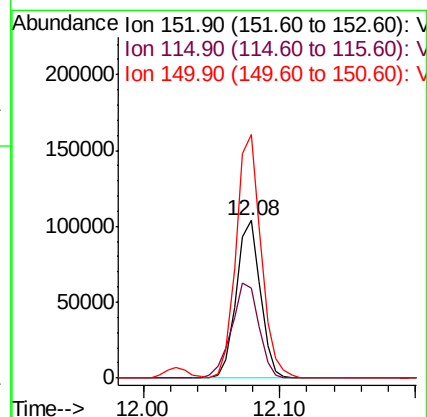
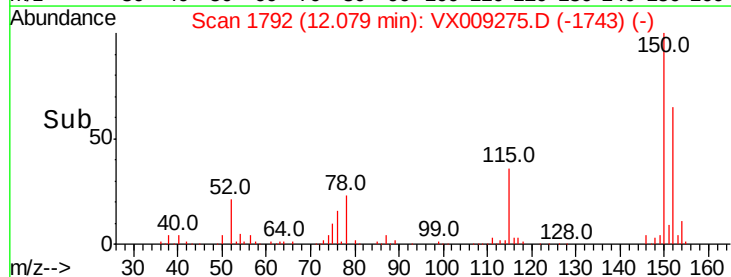
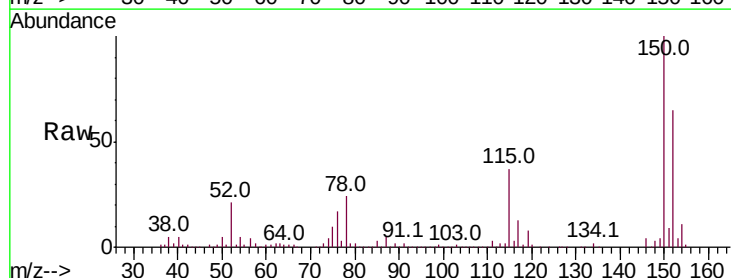
Tgt Ion:152 Resp: 127351

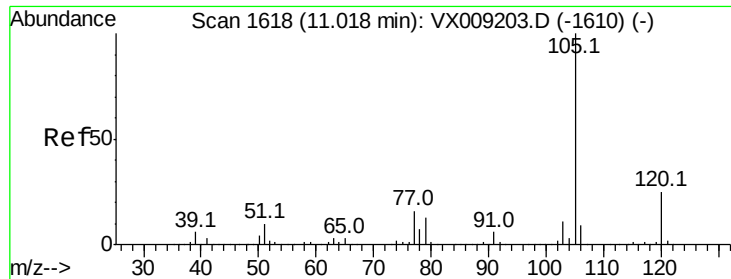
Ion Ratio Lower Upper

152 100

115 68.3 41.2 123.6

150 160.5 0.0 346.4





#73

Isopropylbenzene

Concen: 20.102 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tot Ion:105 Resp: 186160

Ion Ratio Lower Upper

105 100

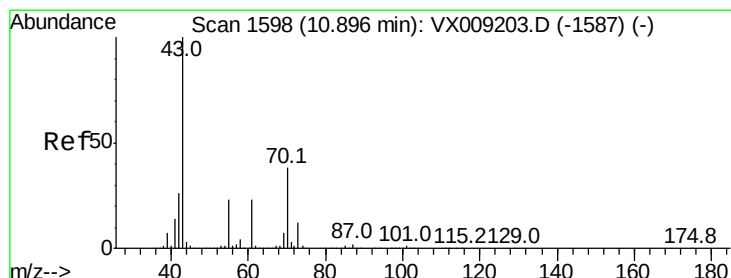
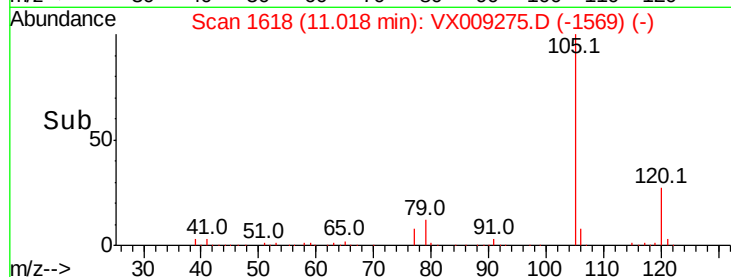
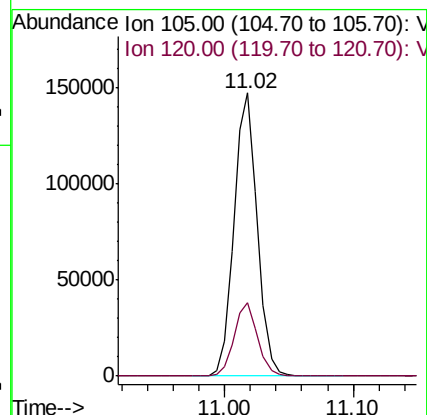
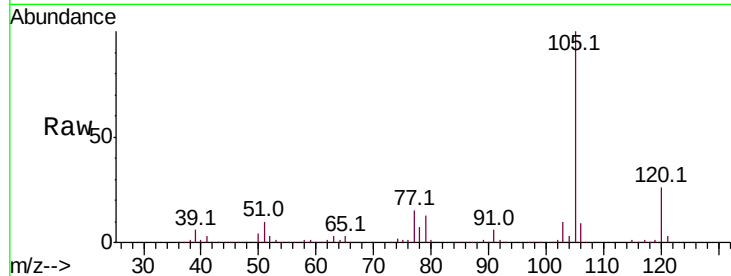
120 25.9 12.8 38.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 19.537 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Tgt Ion: 43 Resp: 105481

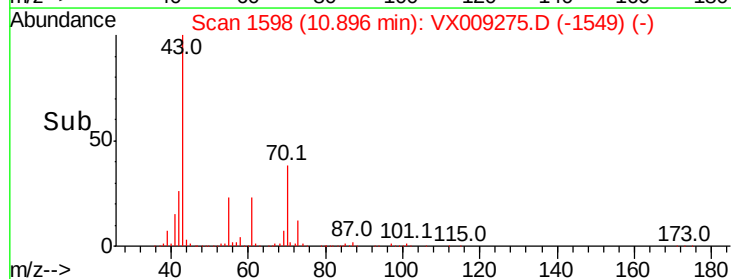
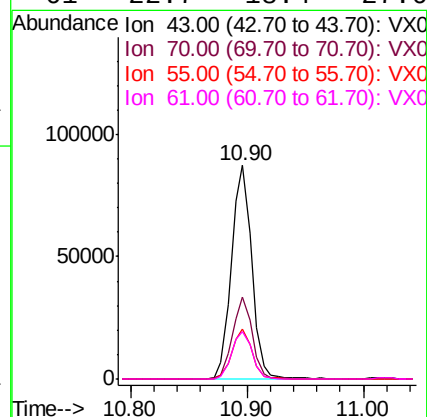
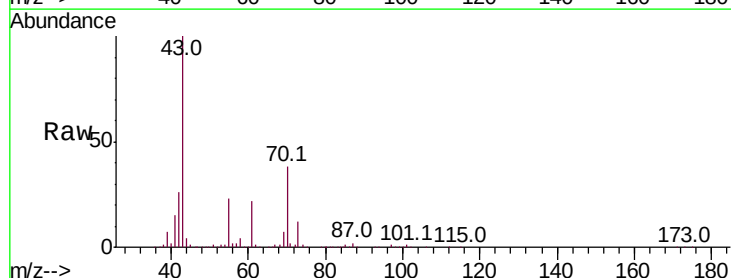
Ion Ratio Lower Upper

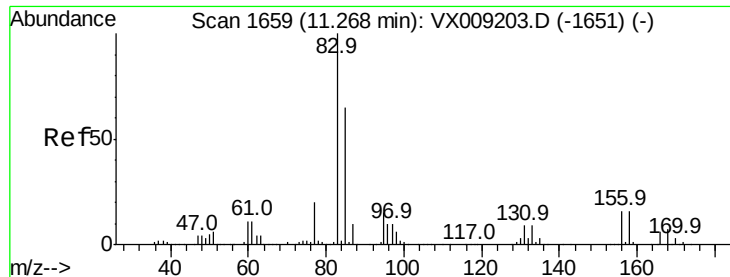
43 100

70 37.4 30.0 45.0

55 23.0 17.9 26.9

61 22.7 18.4 27.6





#75

1,1,2,2-Tetrachloroethane

Concen: 19.487 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tot Ion: 83 Resp: 67274

Ion Ratio Lower Upper

83 100

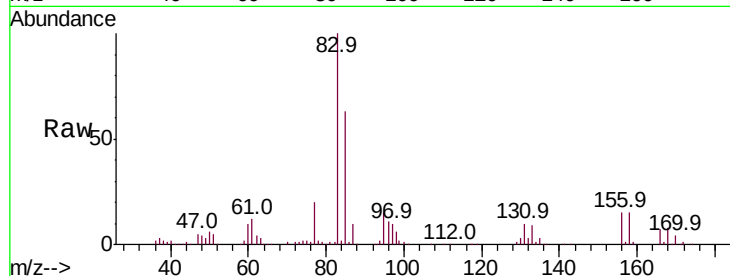
131 9.2 4.6 13.8

85 63.7 32.0 96.2

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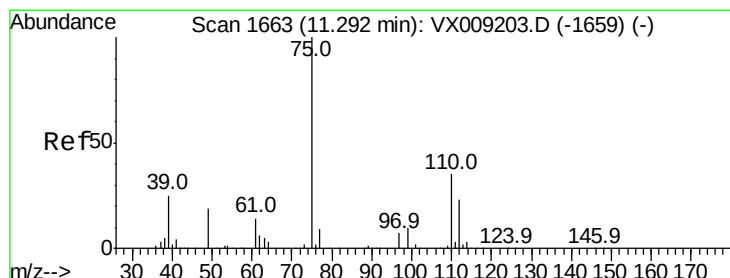
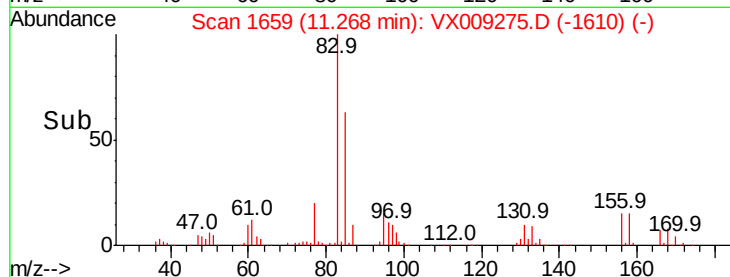
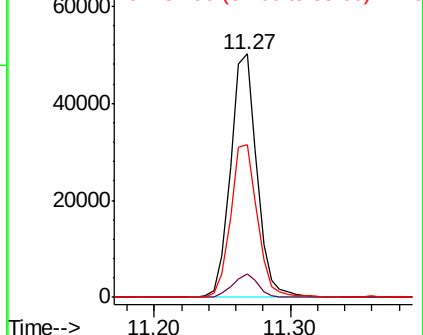
5/3/2019 11:20:00 AM



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: 19.991 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX009275.D

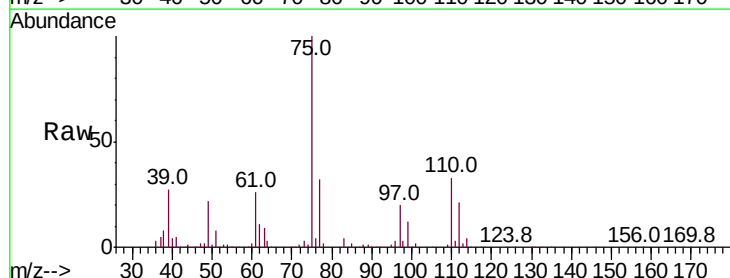
Acq: 02 May 2019 16:04

Tgt Ion: 75 Resp: 59056

Ion Ratio Lower Upper

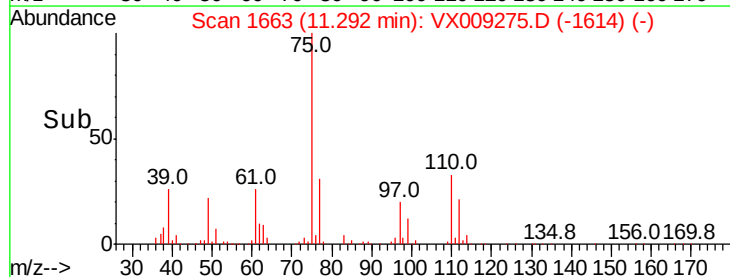
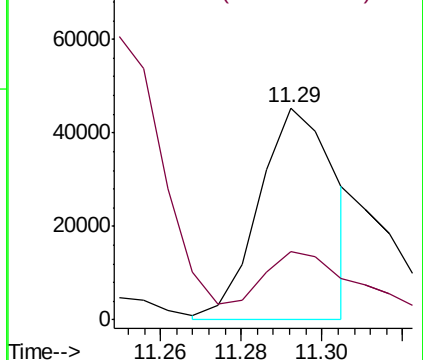
75 100

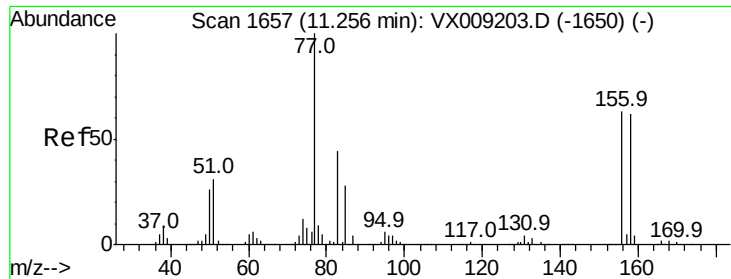
77 42.3 22.1 66.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.473 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tot Ion:156 Resp: 44761

Ion Ratio Lower Upper

156 100

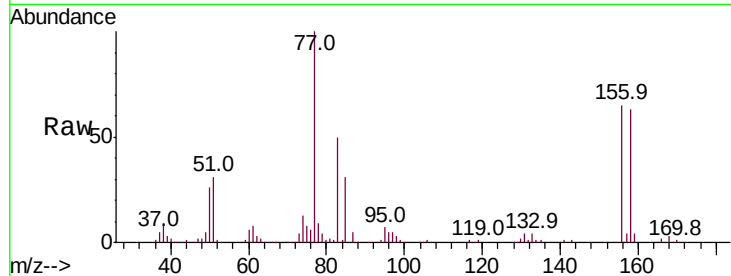
77 173.2 84.8 254.3

158 98.9 49.1 147.3

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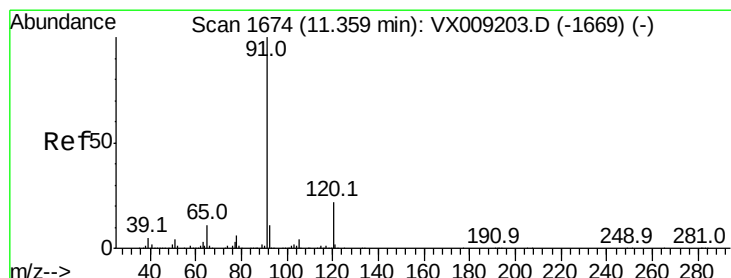
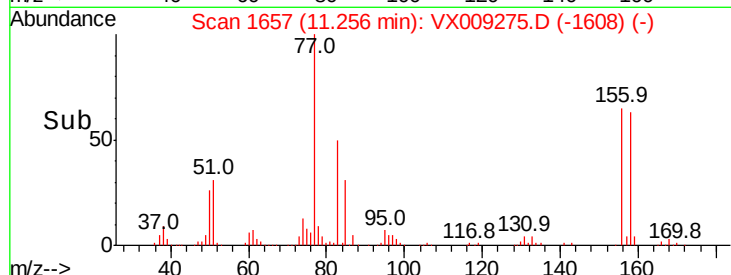
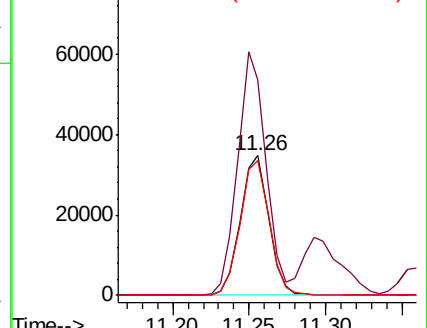
5/3/2019 11:20:00 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 20.341 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX009275.D

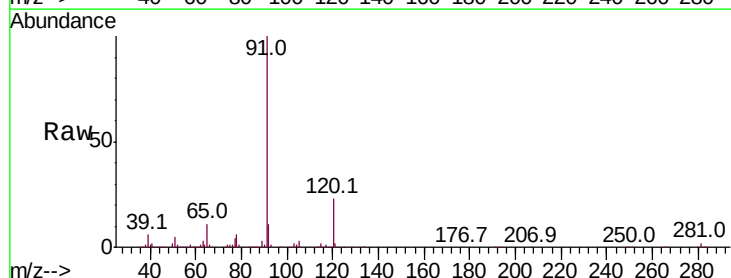
Acq: 02 May 2019 16:04

Tgt Ion: 91 Resp: 215135

Ion Ratio Lower Upper

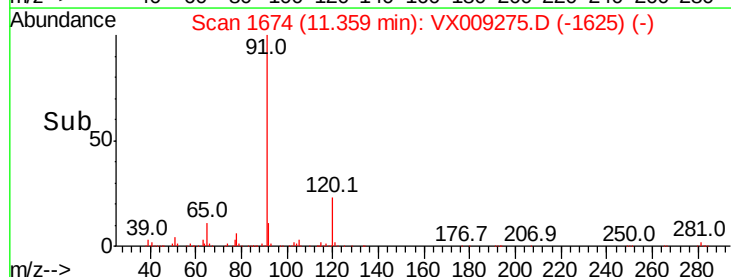
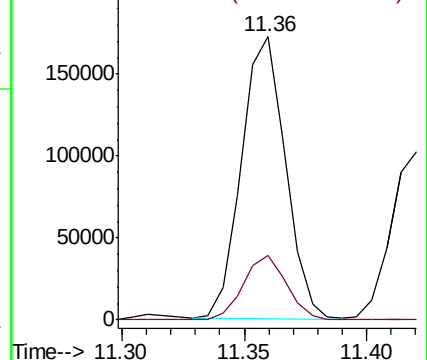
91 100

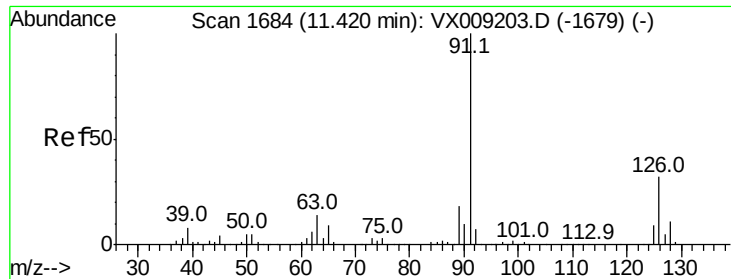
120 22.5 11.0 33.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.560 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

ClientSampleId :

VX0502WBS02

Tot Ion: 91 Resp: 127632

Ion Ratio Lower Upper

91 100

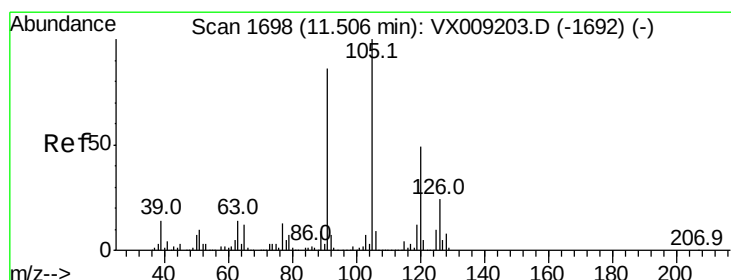
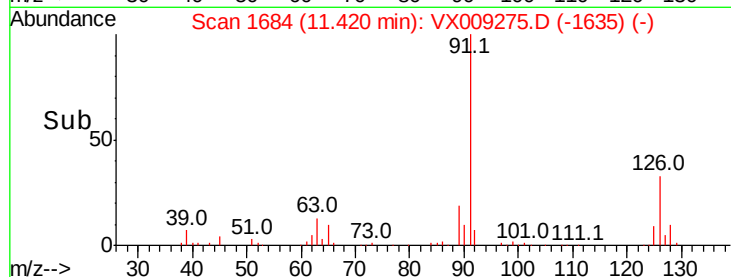
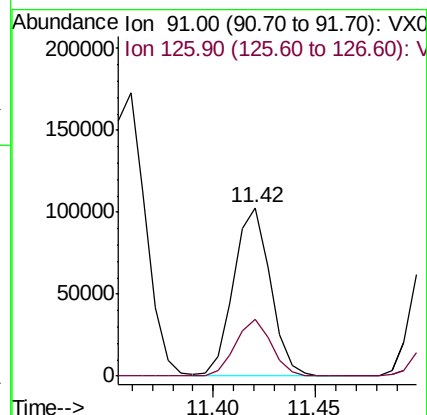
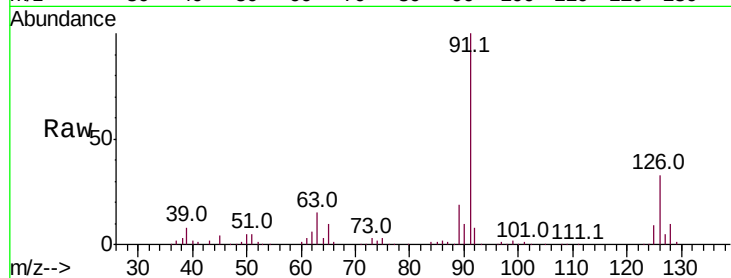
126 32.9 16.3 48.9

Manual Integrations

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5/3/2019 11:20:00 AM



#80

1,3,5-Trimethylbenzene

Concen: 20.362 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX009275.D

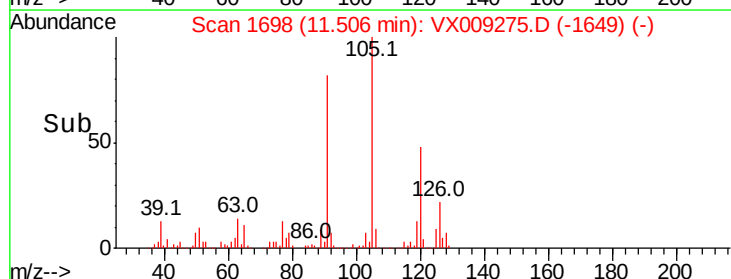
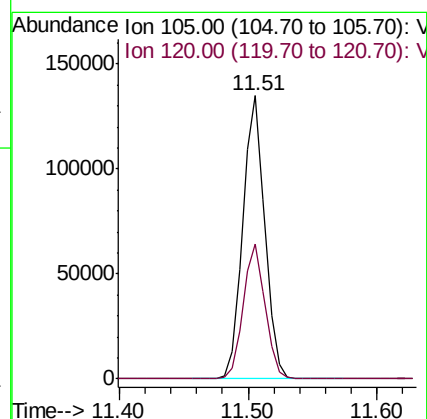
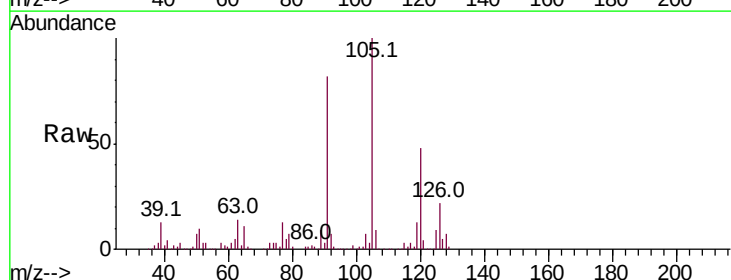
Acq: 02 May 2019 16:04

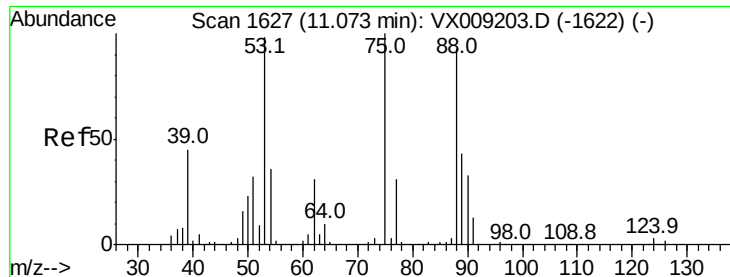
Tgt Ion: 105 Resp: 158776

Ion Ratio Lower Upper

105 100

120 47.5 24.3 72.9





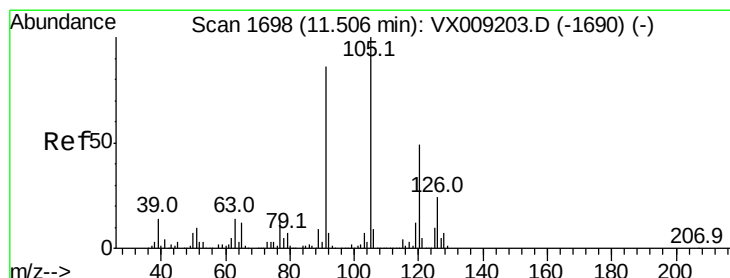
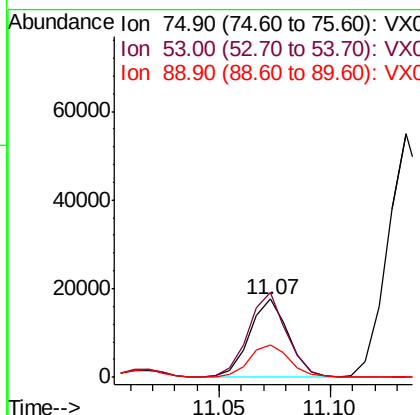
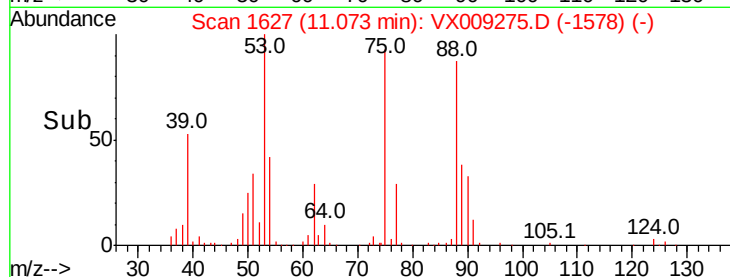
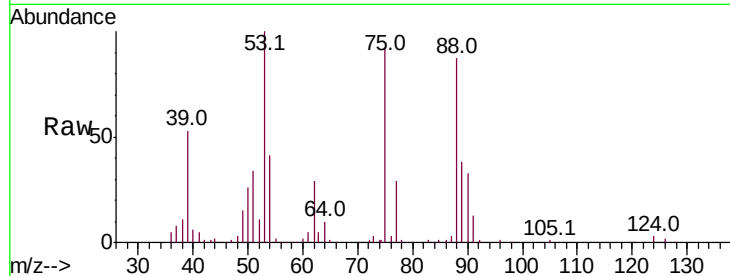
#81
trans-1,4-Dichloro-2-butene
Concen: 18.464 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tot Ion	Ratio	Lower	Upper
75	100		
53	109.0	79.0	118.6
89	44.6	34.7	52.1

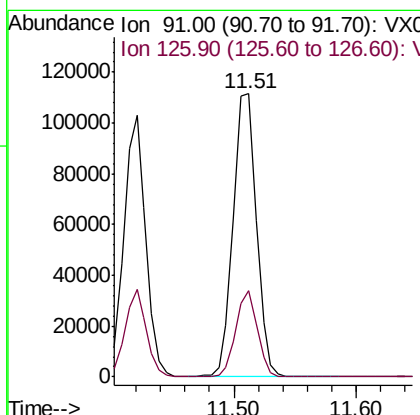
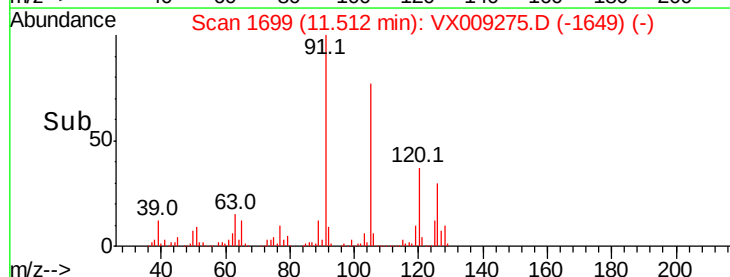
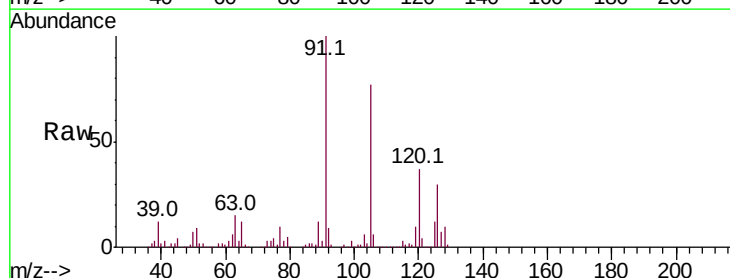
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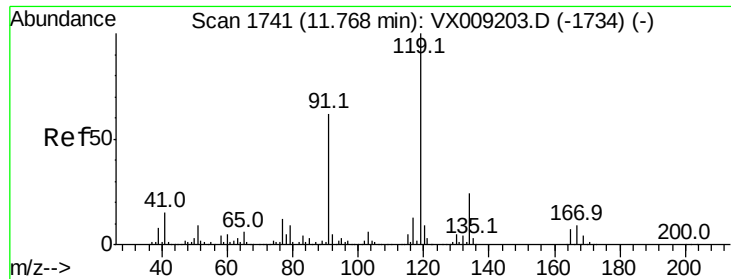
MMDadoda
5/3/2019 11:20:00 AM



#82
4-Chlorotoluene
Concen: 19.796 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.01 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
91	100		
126	28.3	14.5	43.6





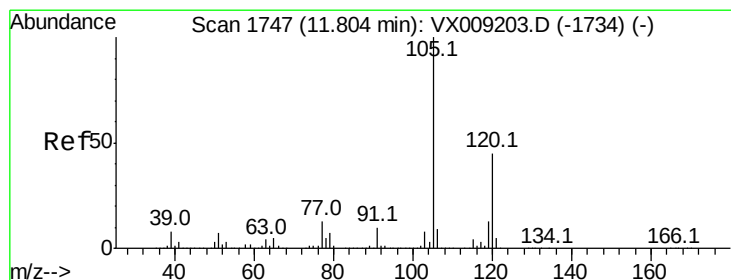
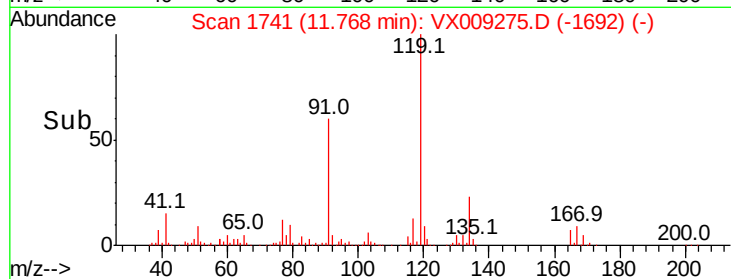
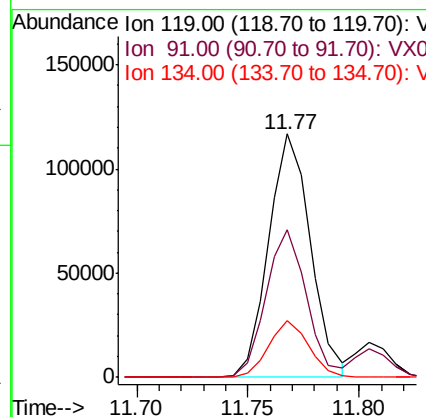
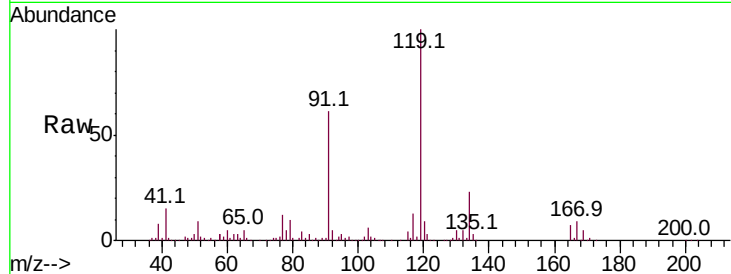
#83
tert-Butylbenzene
Concen: 20.141 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

Tot Ion	Ratio	Resp	Lower	Upper
119	100	152776		
91	58.9	29.5	88.5	
134	22.2	11.4	34.1	

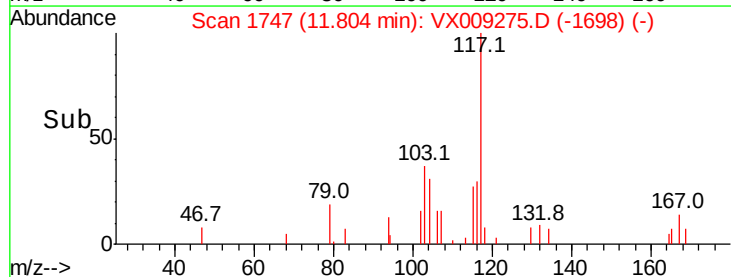
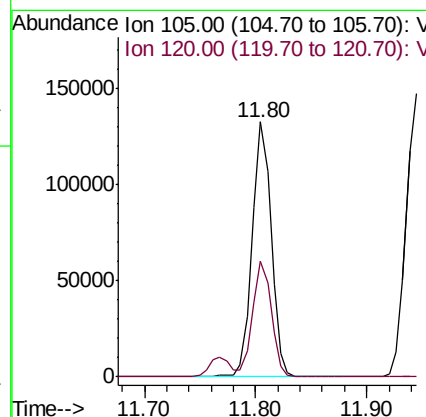
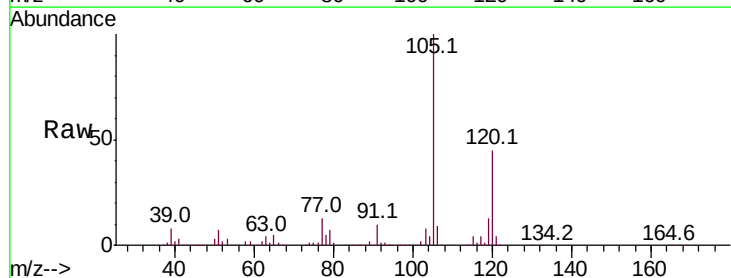
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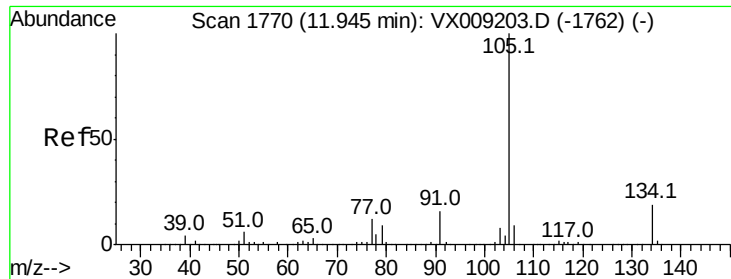
MMDadoda
5/3/2019 11:20:00 AM



#84
1,2,4-Trimethylbenzene
Concen: 20.239 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	158408		
120	44.2	22.0	66.0	





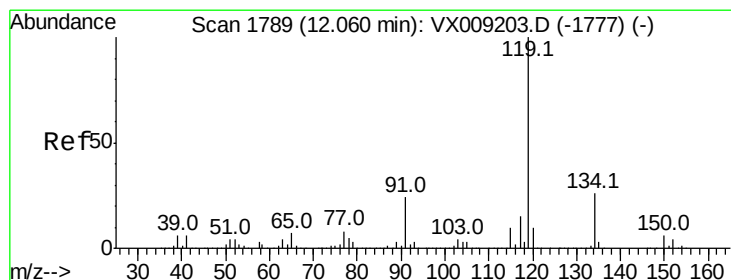
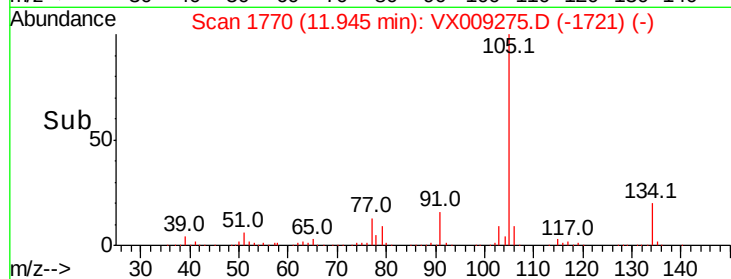
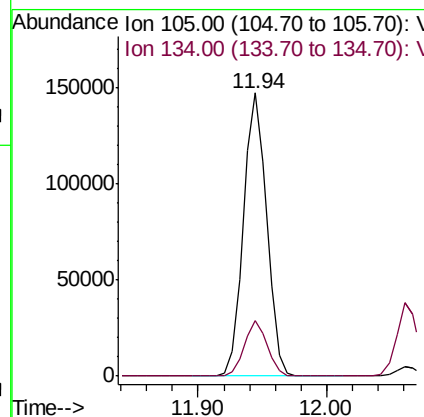
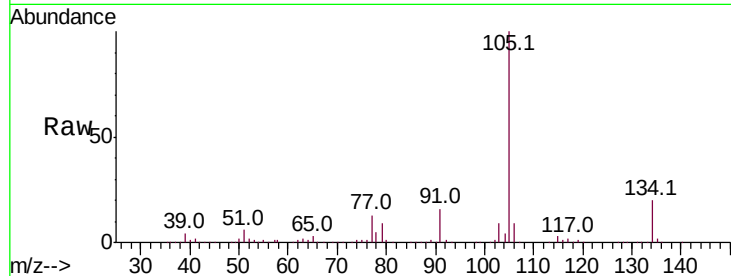
#85
 sec-Butylbenzene
 Concen: 20.350 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.3	9.7	28.9

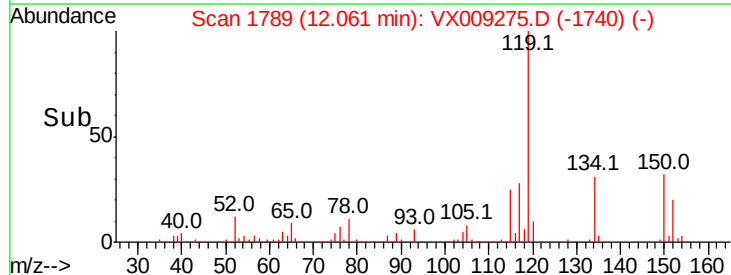
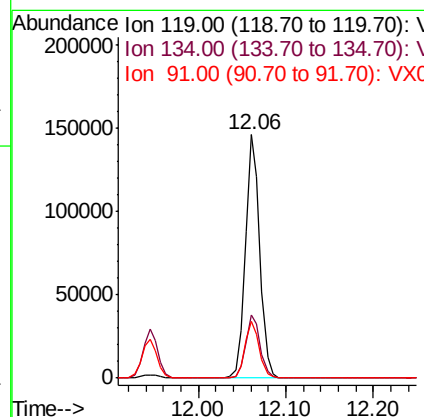
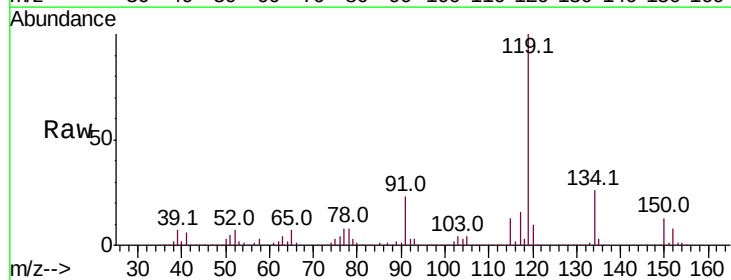
Manual Integrations
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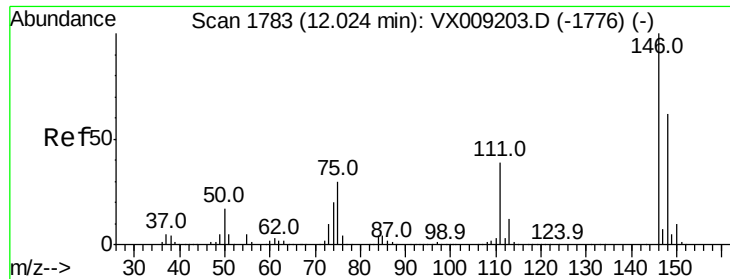
MMDadoda
 5/3/2019 11:20:00 AM



#86
 p-Isopropyltoluene
 Concen: 20.702 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
119	100		
134	26.0	12.9	38.7
91	23.5	11.8	35.4





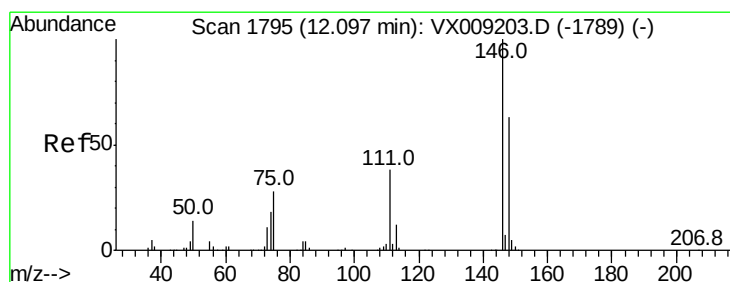
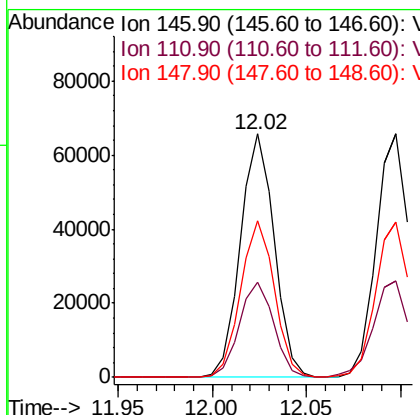
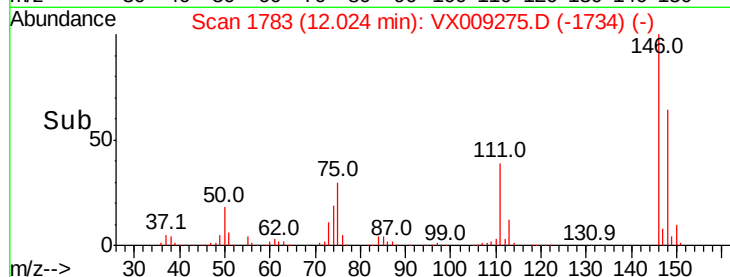
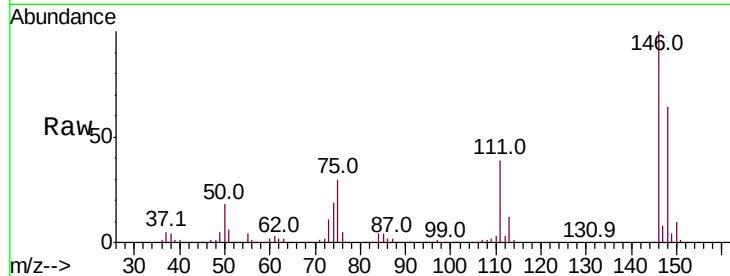
#87
 1,3-Dichlorobenzene
 Concen: 19.985 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.9	20.0	59.9
148	64.3	31.8	95.3

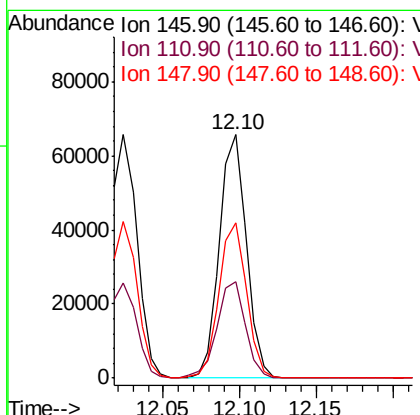
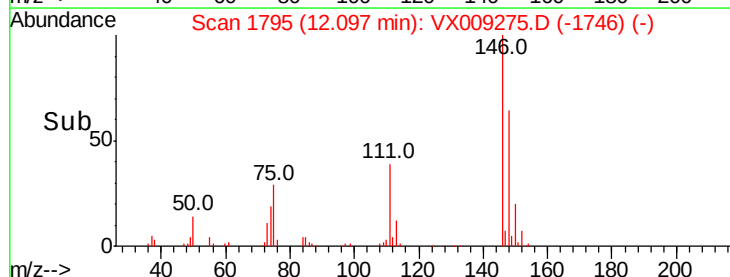
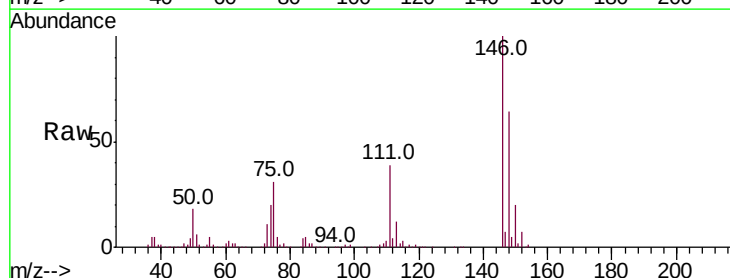
Manual Integrations
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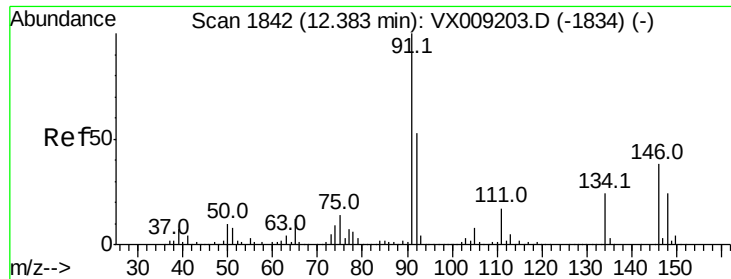
MMDadoda
 5/3/2019 11:20:00 AM



#88
 1,4-Dichlorobenzene
 Concen: 19.547 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	19.6	58.8
148	65.3	31.8	95.3





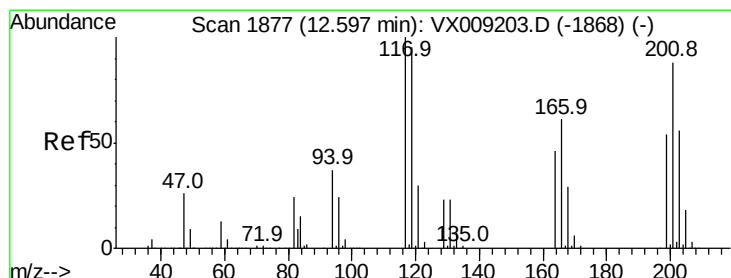
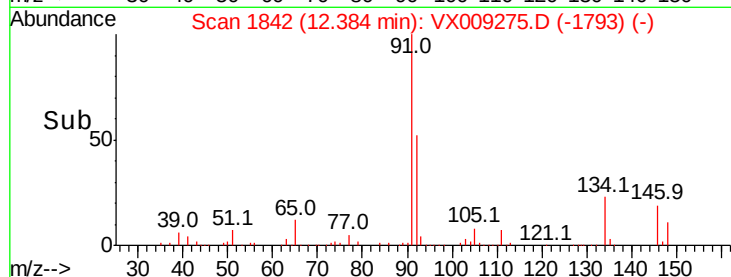
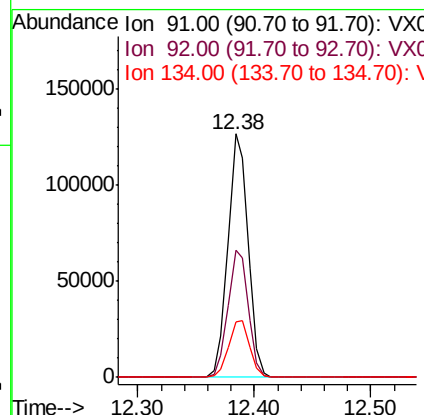
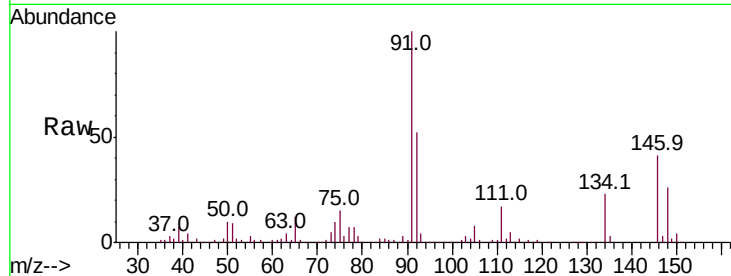
#89
n-Butylbenzene
Concen: 20.648 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Instrument :
MSVOA_X
ClientSampleId :
VX0502WBS02

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

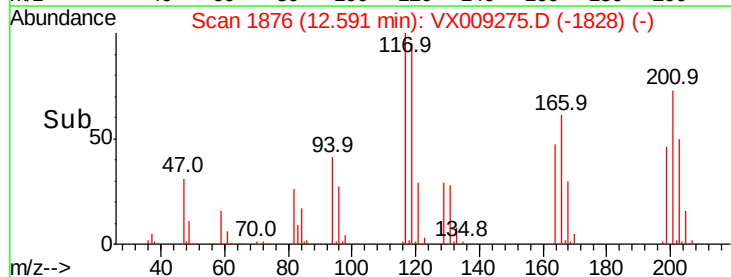
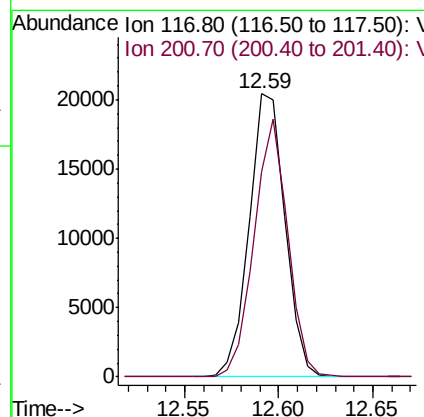
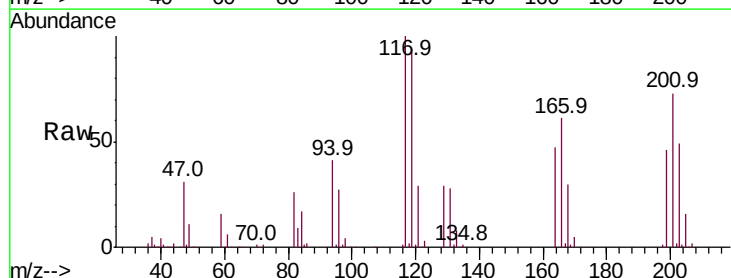
Manual Integrations
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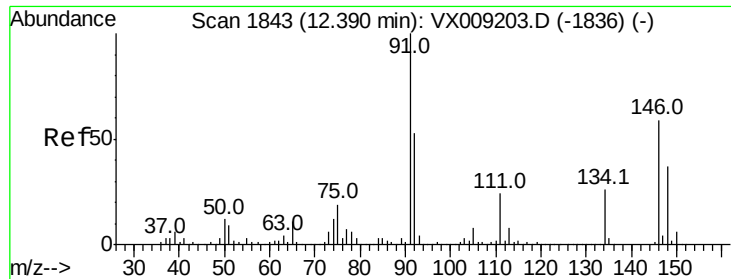
MMDadoda
5/3/2019 11:20:00 AM



#90
Hexachloroethane
Concen: 19.578 ug/l
RT: 12.59 min Scan# 1876
Delta R.T. -0.01 min
Lab File: VX009275.D
Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	85.3	42.3	126.9	





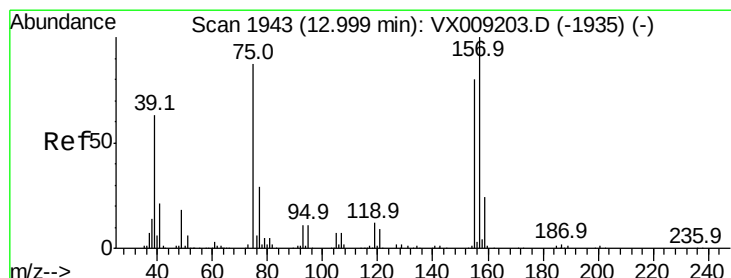
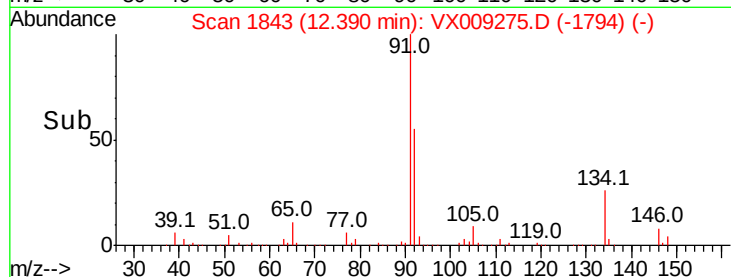
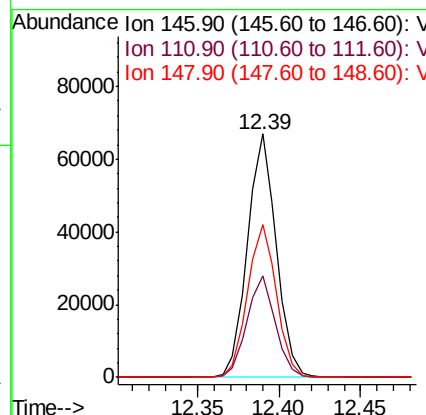
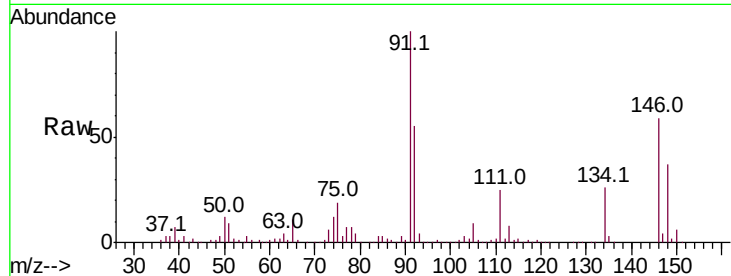
#91
 1,2-Dichlorobenzene
 Concen: 19.717 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.1	20.8	62.4
148	63.0	31.9	95.9

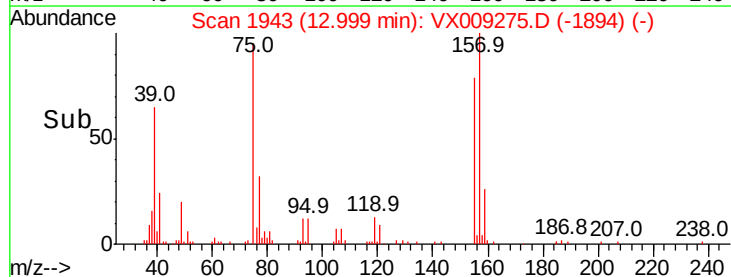
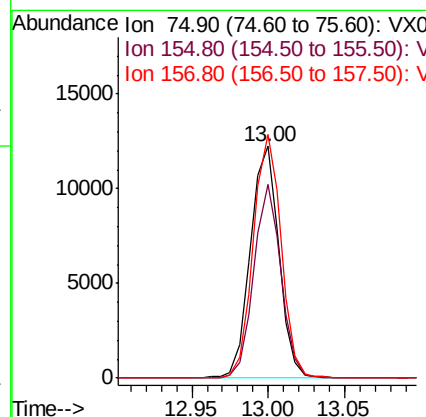
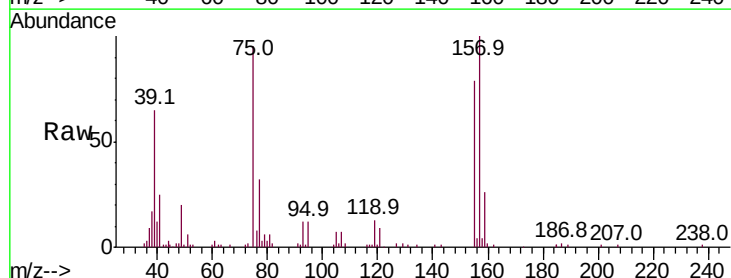
Manual Integrations
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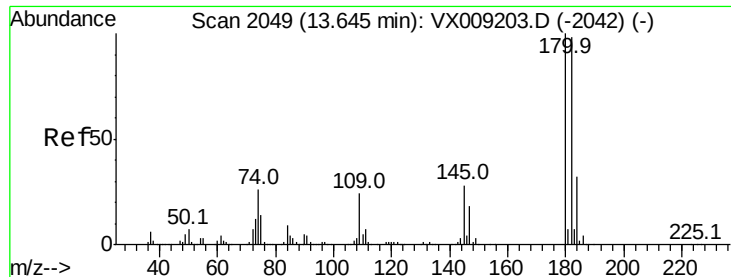
MMDadoda
 5/3/2019 11:20:00 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.455 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Lower	Upper
75	100		
155	79.3	42.0	126.0
157	102.5	53.2	159.6





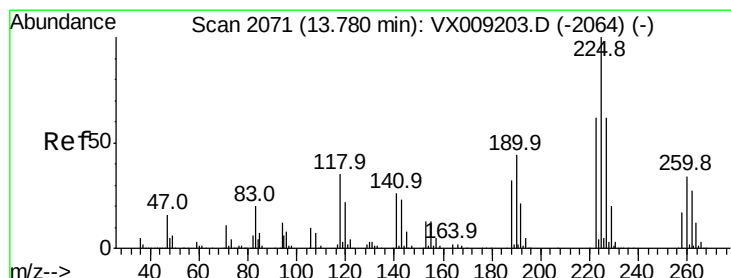
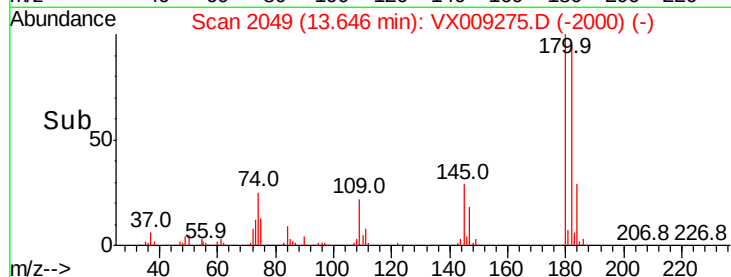
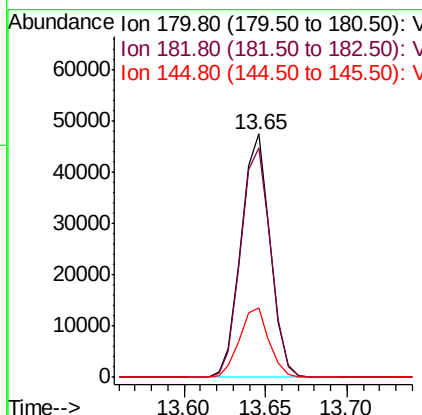
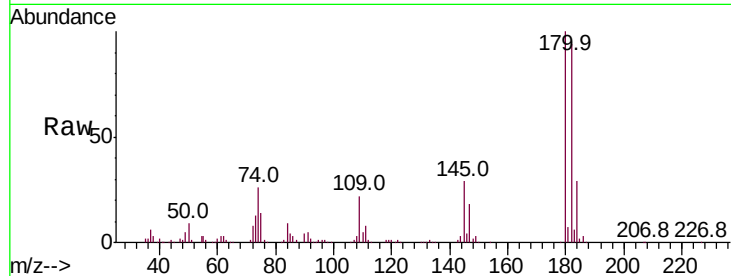
#93
 1,2,4-Trichlorobenzene
 Concen: 20.678 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0502WBS02

Tot Ion	Ratio	Resp	Lower	Upper
180	100	59017		
182	97.3	48.4	145.2	
145	28.9	14.6	43.8	

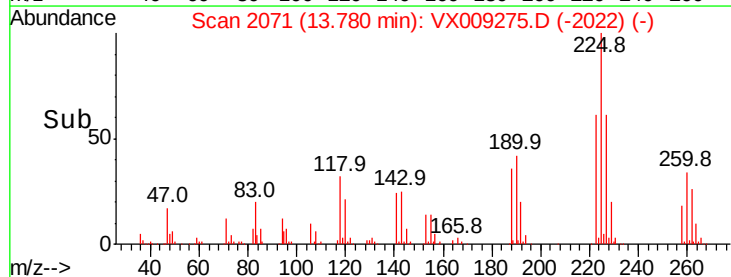
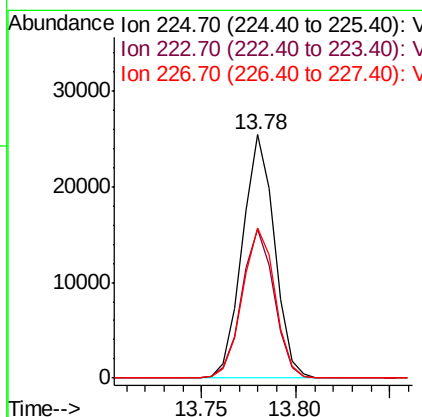
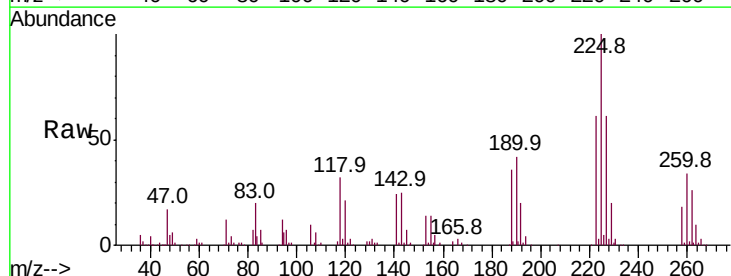
Manual Integrations
 APPROVED

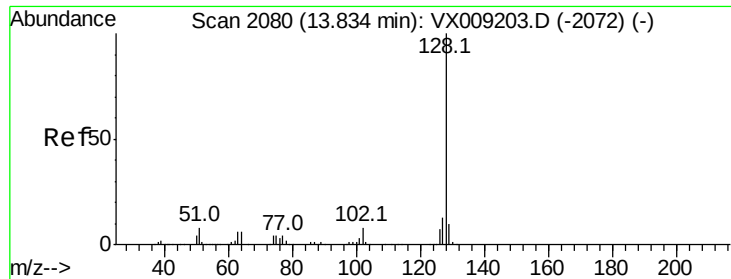
MMDadoda
 5/3/2019 11:20:00 AM



#94
 Hexachlorobutadiene
 Concen: 20.668 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX009275.D
 Acq: 02 May 2019 16:04

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30122		
223	61.6	31.3	93.8	
227	62.7	31.8	95.3	





#95

Naphthalene

Concen: 20.892 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Instrument :

MSVOA_X

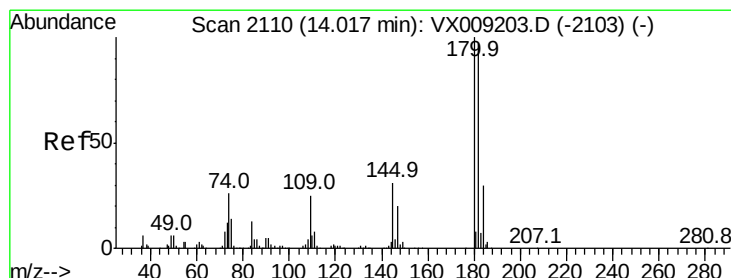
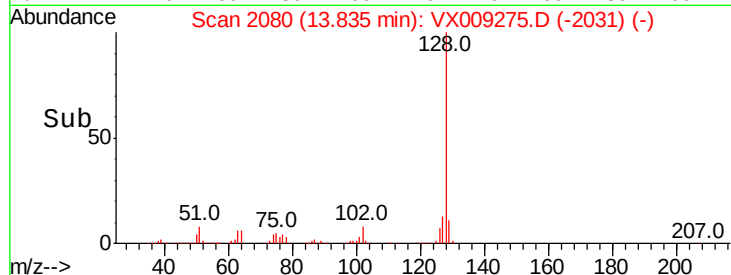
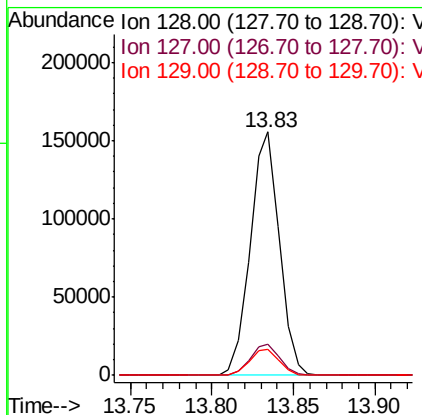
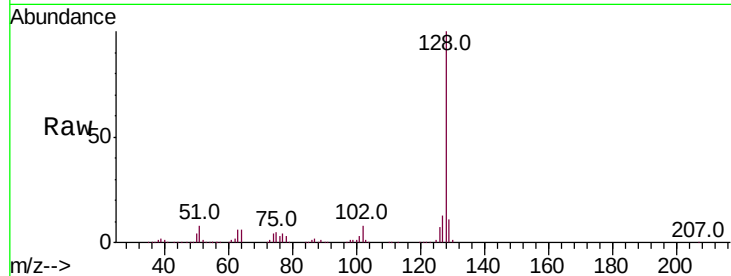
ClientSampleId :

VX0502WBS02

Tot Ion:	128	Resp:	193995
Ion Ratio	Lower	Upper	
128	100		
127	13.0	10.4	15.6
129	11.0	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
5/3/2019 11:20:00 AM



#96

1,2,3-Trichlorobenzene

Concen: 21.303 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX009275.D

Acq: 02 May 2019 16:04

Tgt Ion:	180	Resp:	61632
Ion Ratio	Lower	Upper	
180	100		
182	93.8	47.8	143.4
145	30.1	15.4	46.4

