

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091521\
 Data File : VX024269.D
 Acq On : 15 Sep 2021 18:35
 Operator : JC/MD
 Sample : M3724-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33136

Quant Time: Sep 16 04:47:23 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091421W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 14 12:18:04 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

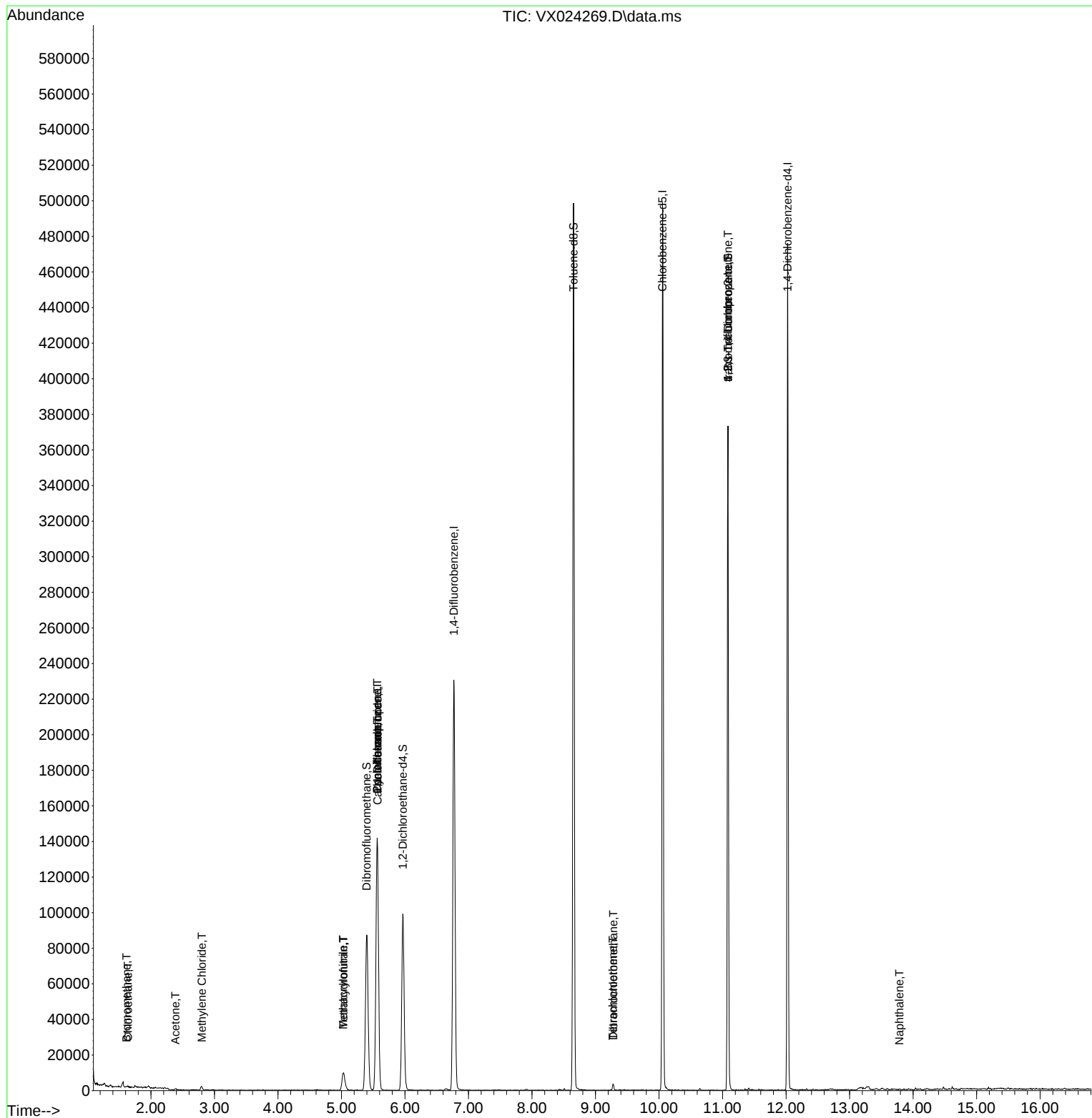
Internal Standards						
1) Pentafluorobenzene	5.562	168	131653	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	230585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222354	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	93958	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	99224	52.854	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 105.700%	
35) Dibromofluoromethane	5.397	113	75509	48.829	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 97.660%	
50) Toluene-d8	8.653	98	287778	51.084	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.160%	
62) 4-Bromofluorobenzene	11.085	95	91057	41.534	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 83.060%	
Target Compounds						Qvalue
5) Bromomethane	1.618	94	388	0.496	ug/l	91
6) Chloroethane	1.636	64	196	2.178	ug/l #	43
11) Tert butyl alcohol	2.977	59	326	Below Cal	#	73
16) Acetone	2.386	43	890	1.112	ug/l #	63
20) Methylene Chloride	2.800	84	962	0.626	ug/l #	87
29) Tetrahydrofuran	5.032	42	9523	12.905	ug/l #	87
31) Cyclohexane	5.562	56	2968	1.352	ug/l #	29
36) 1,1-Dichloropropene	5.562	75	10126	4.776	ug/l #	51
38) Carbon Tetrachloride	5.568	117	14155	5.932	ug/l #	16
41) Methacrylonitrile	5.026	41	5956	4.521	ug/l #	44
60) Dibromochloromethane	9.281	129	702	2.078	ug/l #	11
64) Tetrachloroethene	9.275	164	658	0.382	ug/l #	86
76) 1,2,3-Trichloropropane	11.085	75	50669	23.453	ug/l #	39
81) trans-1,4-Dichloro-2-b...	11.085	75	50669	68.975	ug/l #	12
95) Naphthalene	13.786	128	91	1.300	ug/l #	69

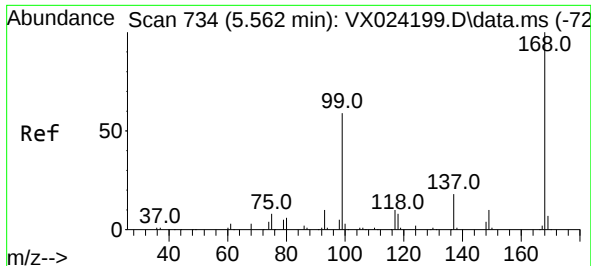
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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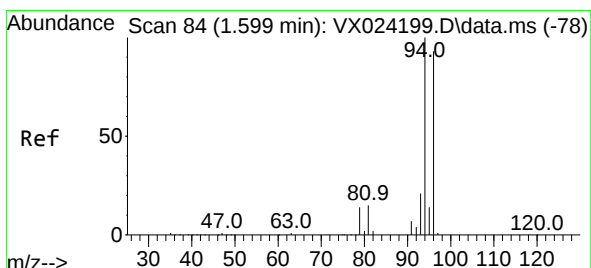
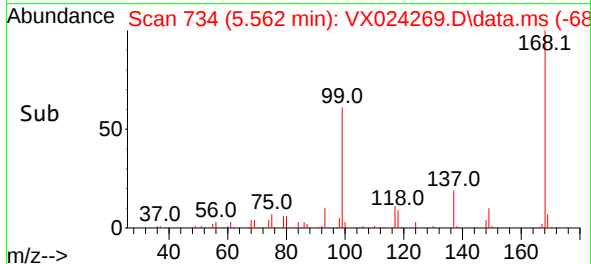
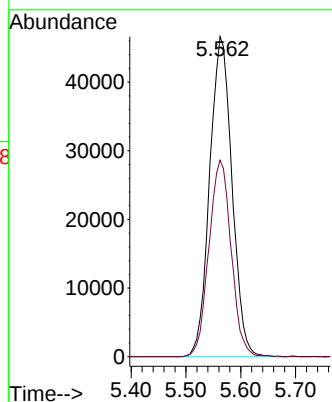
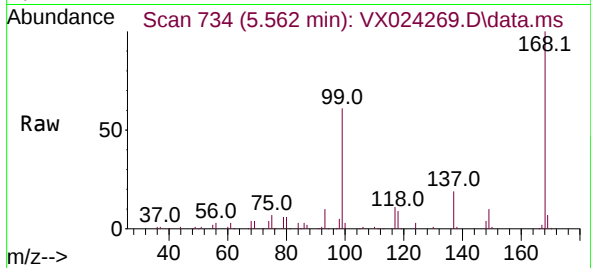




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. 0.000 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

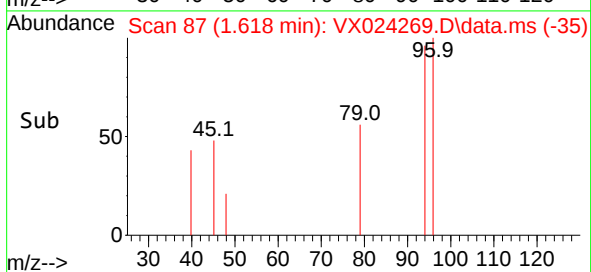
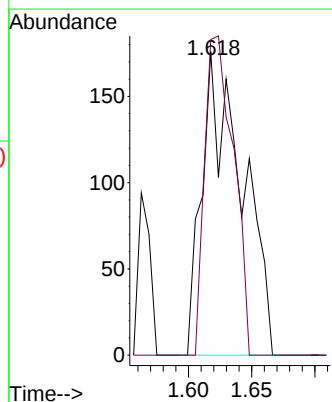
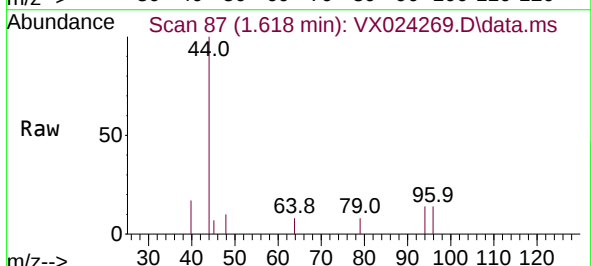
Instrument :
MSVOA_X
ClientSampleId :
33136

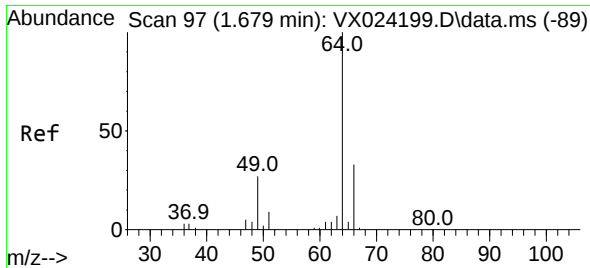
Tgt Ion:168 Resp: 131653
Ion Ratio Lower Upper
168 100
99 61.4 45.8 68.6



#5
Bromomethane
Concen: 0.496 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion: 94 Resp: 388
Ion Ratio Lower Upper
94 100
96 104.0 76.4 114.6

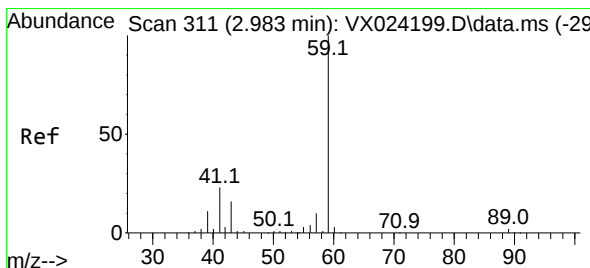
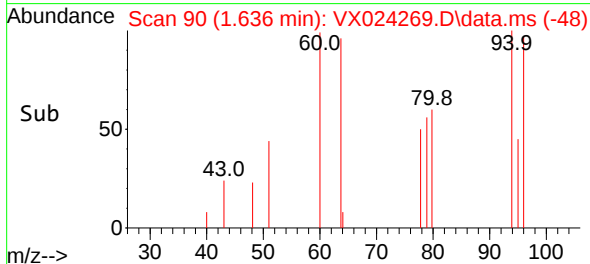
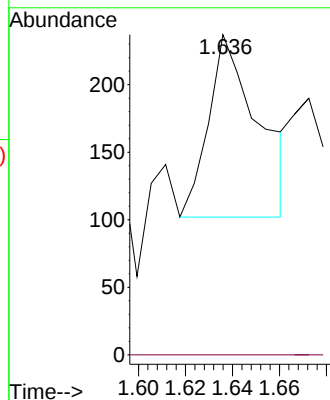
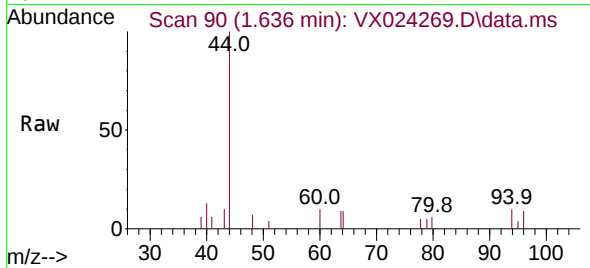




#6
Chloroethane
Concen: 2.178 ug/l
RT: 1.636 min Scan# 90
Delta R.T. -0.043 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

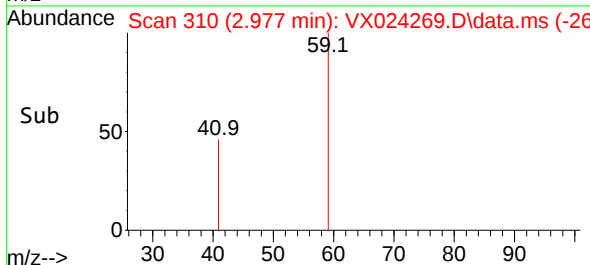
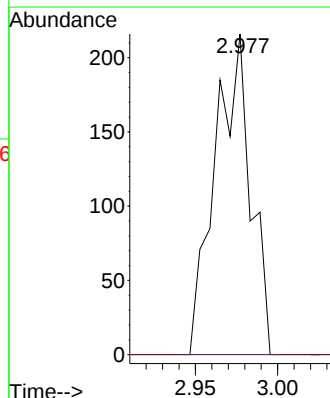
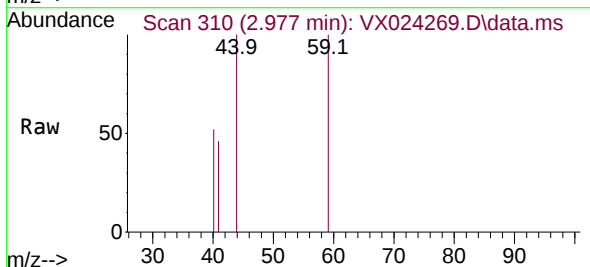
Instrument :
MSVOA_X
ClientSampleId :
33136

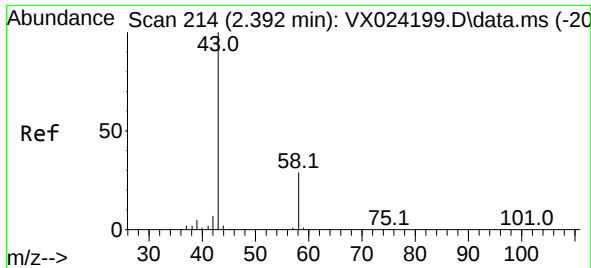
Tgt Ion: 64 Resp: 196
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.977 min Scan# 310
Delta R.T. -0.006 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion: 59 Resp: 326
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

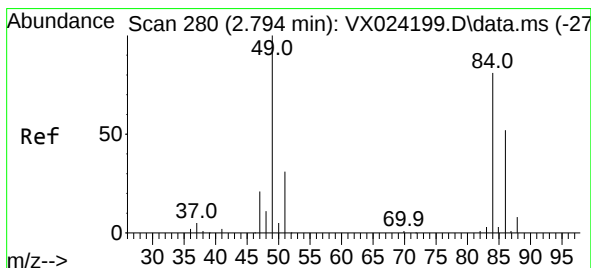
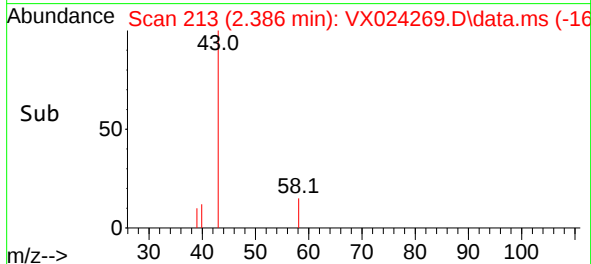
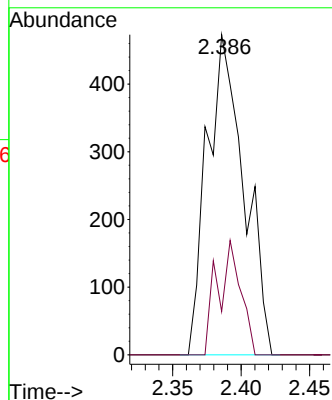
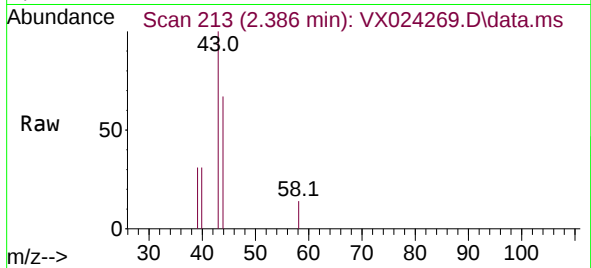




#16
Acetone
Concen: 1.112 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

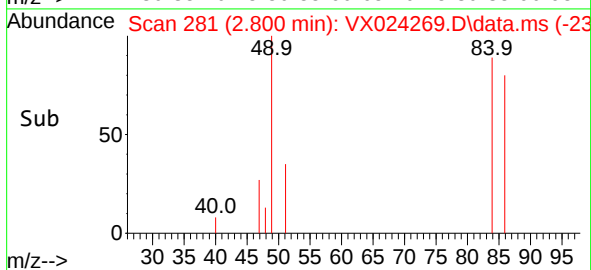
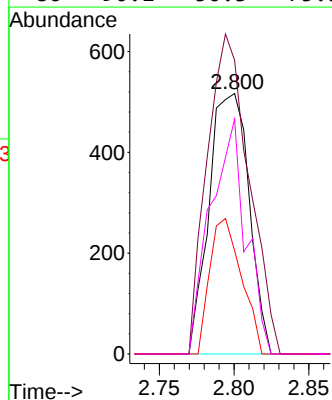
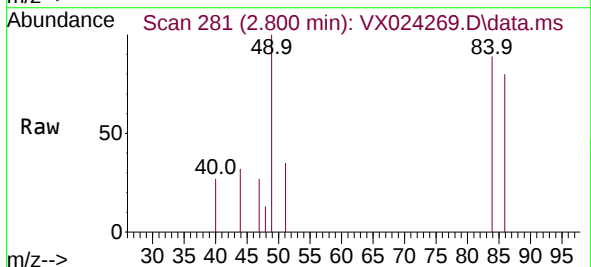
Instrument :
MSVOA_X
ClientSampled :
33136

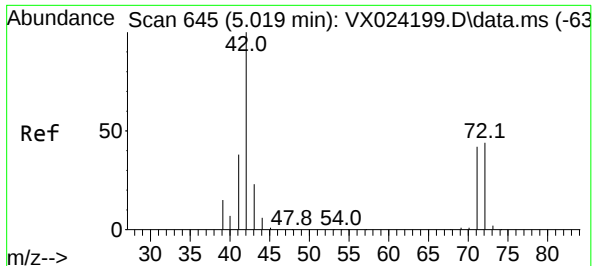
Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 13.5 27.8 41.8#



#20
Methylene Chloride
Concen: 0.626 ug/l
RT: 2.800 min Scan# 281
Delta R.T. 0.006 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion: 84 Resp: 962
Ion Ratio Lower Upper
84 100
49 112.8 88.6 132.8
51 39.7 27.0 40.6
86 90.1 50.3 75.5#





#29

Tetrahydrofuran

Concen: 12.905 ug/l

RT: 5.032 min Scan# 647

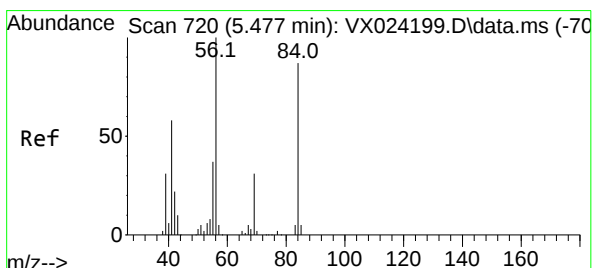
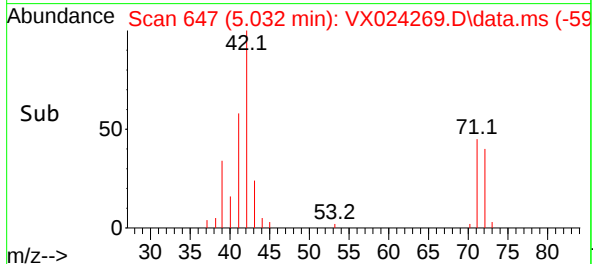
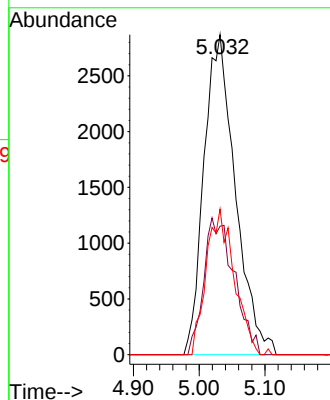
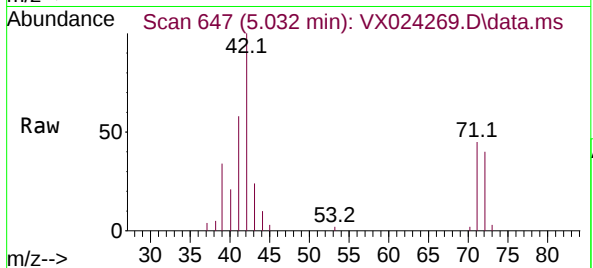
Delta R.T. 0.013 min

Lab File: VX024269.D

Acq: 15 Sep 2021 18:35

Tgt Ion:	42	Resp:	9523
Ion	Ratio	Lower	Upper
42	100		
72	41.4	41.7	62.5#
71	40.4	38.4	57.6

Instrument :
MSVOA_X
ClientSampled :
33136



#31

Cyclohexane

Concen: 1.352 ug/l

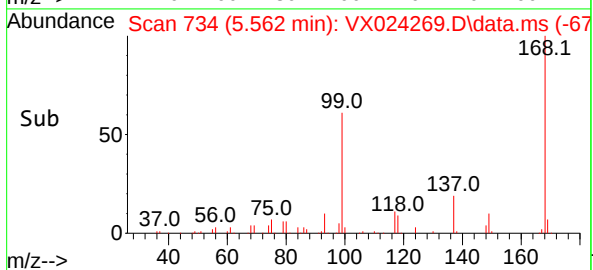
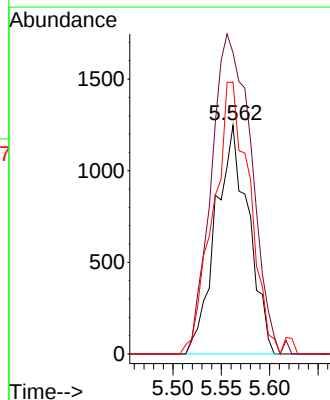
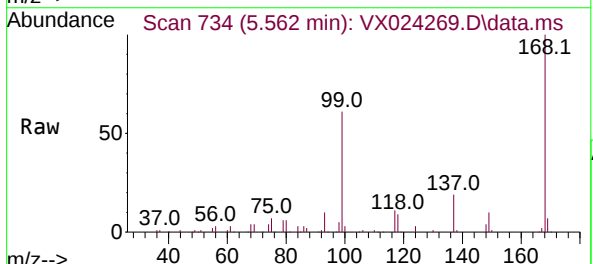
RT: 5.562 min Scan# 734

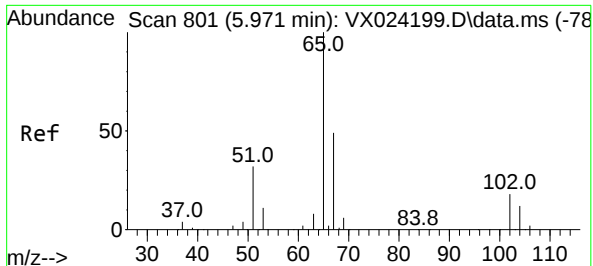
Delta R.T. 0.085 min

Lab File: VX024269.D

Acq: 15 Sep 2021 18:35

Tgt Ion:	56	Resp:	2968
Ion	Ratio	Lower	Upper
56	100		
69	131.7	25.3	37.9#
84	118.8	71.4	107.0#



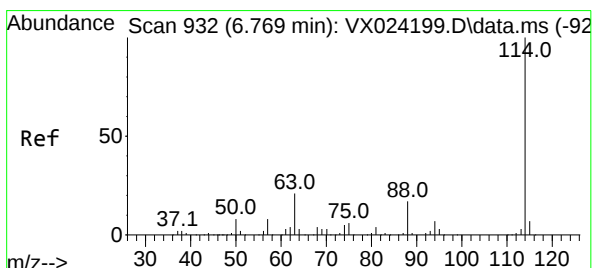
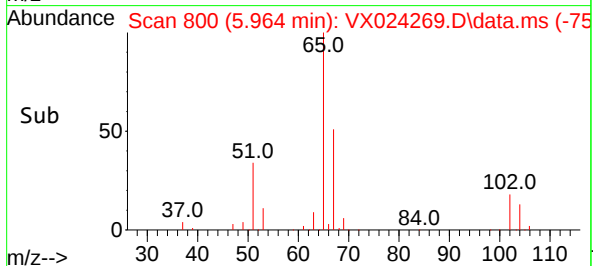
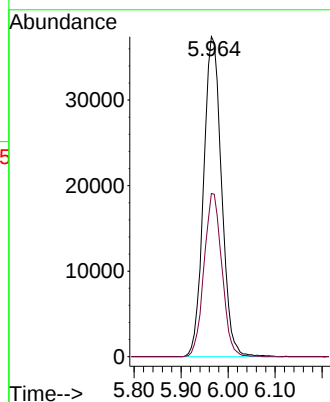
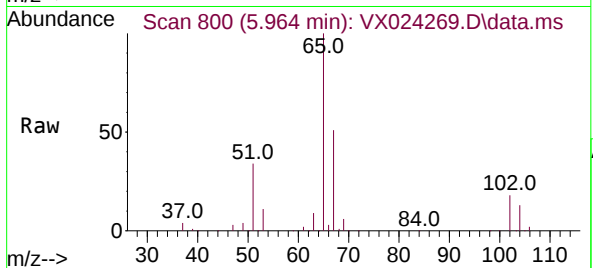


#33

1,2-Dichloroethane-d4
Concen: 52.854 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.007 min
Lab File: VX024269.D
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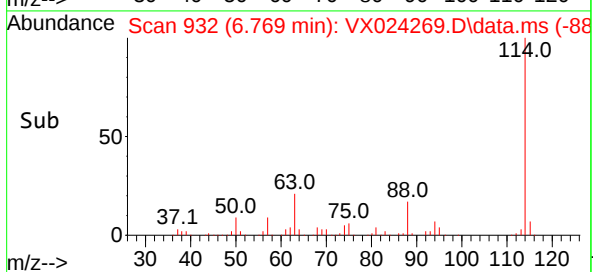
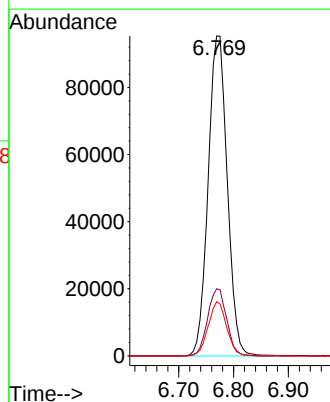
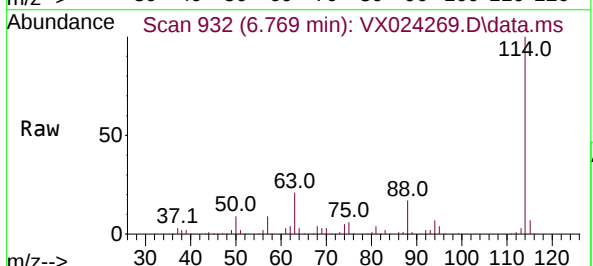
Tgt Ion: 65 Resp: 99224
Ion Ratio Lower Upper
65 100
67 50.7 0.0 105.4

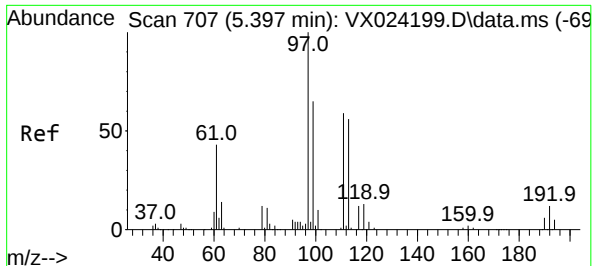


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. 0.000 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion: 114 Resp: 230585
Ion Ratio Lower Upper
114 100
63 21.0 0.0 40.8
88 17.0 0.0 32.8

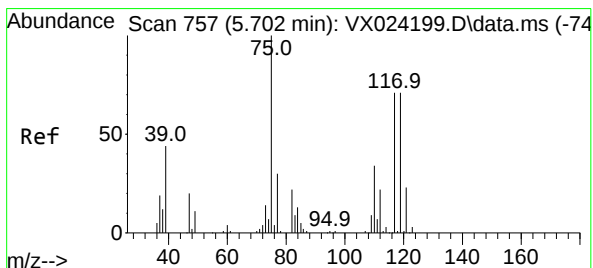
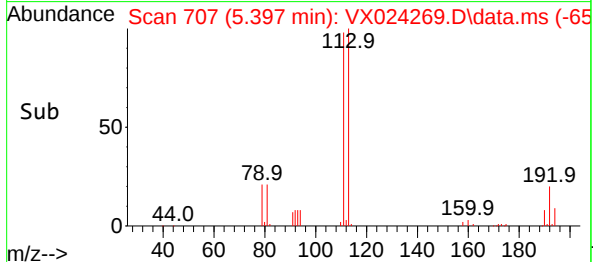
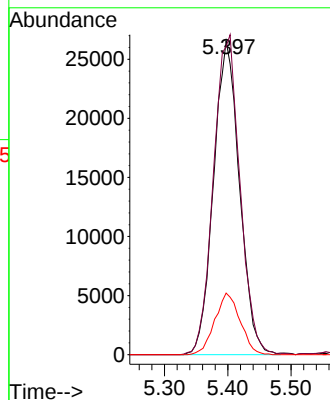
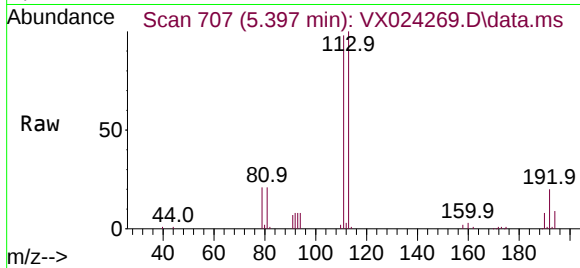




#35
Dibromofluoromethane
Concen: 48.829 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

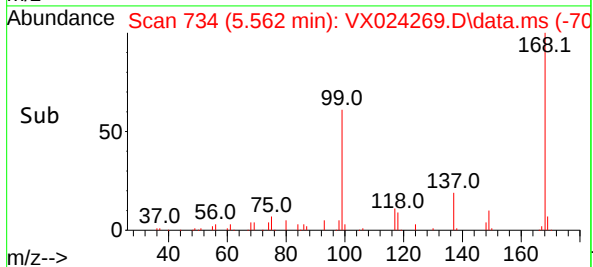
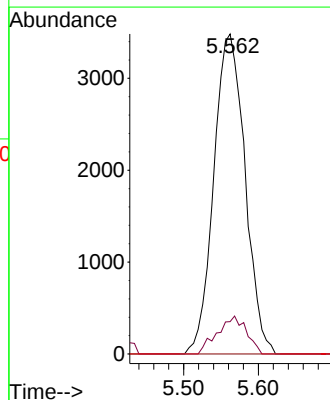
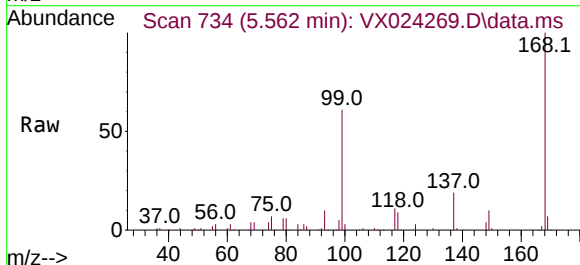
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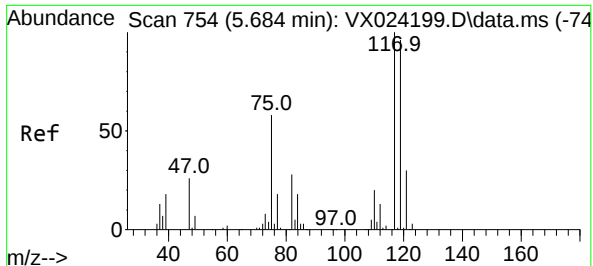
Tgt Ion:	113	Resp:	75509
Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.9	122.9
192	19.1	16.7	25.1



#36
1,1-Dichloropropene
Concen: 4.776 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.140 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

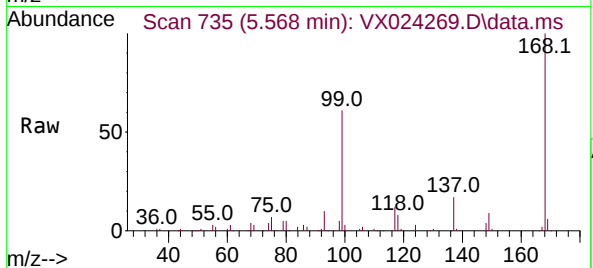
Tgt Ion:	75	Resp:	10126
Ion	Ratio	Lower	Upper
75	100		
110	11.0	18.1	54.4#
77	0.0	25.3	37.9#



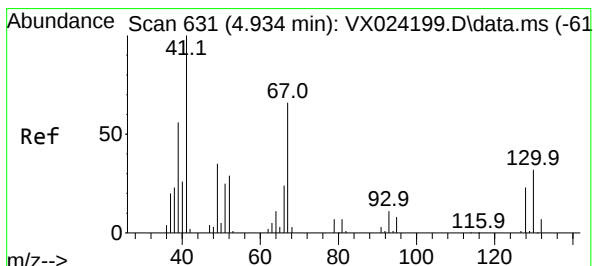
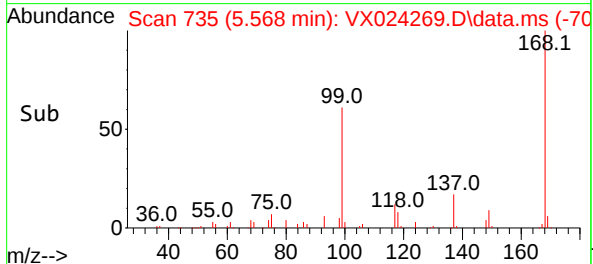
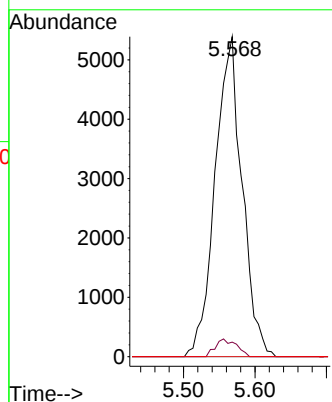


#38
Carbon Tetrachloride
Concen: 5.932 ug/l
RT: 5.568 min Scan# 735
Delta R.T. -0.116 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Instrument :
MSVOA_X
ClientSampled :
33136

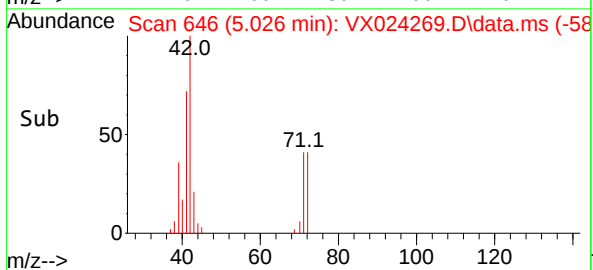
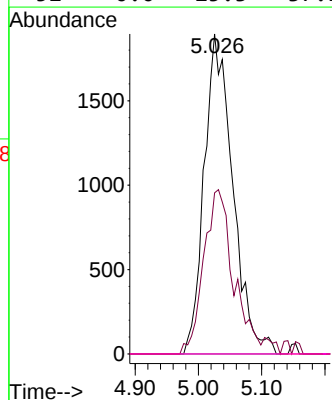
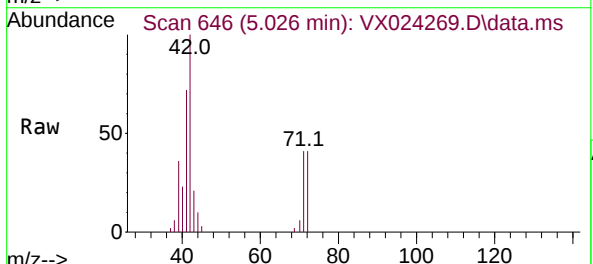


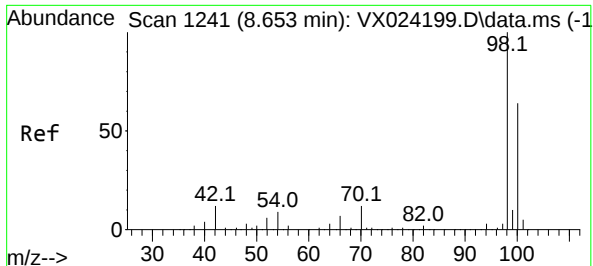
Tgt Ion: 117 Resp: 14155
Ion Ratio Lower Upper
117 100
119 4.5 76.2 114.2#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 4.521 ug/l
RT: 5.026 min Scan# 646
Delta R.T. 0.092 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion: 41 Resp: 5956
Ion Ratio Lower Upper
41 100
39 53.4 42.5 63.7
67 0.0 65.0 97.6#
52 0.0 25.3 37.9#





#50

Toluene-d8

Concen: 51.084 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX024269.D

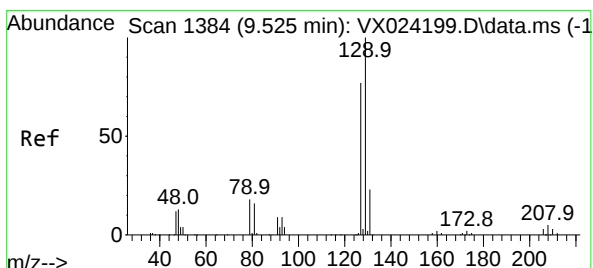
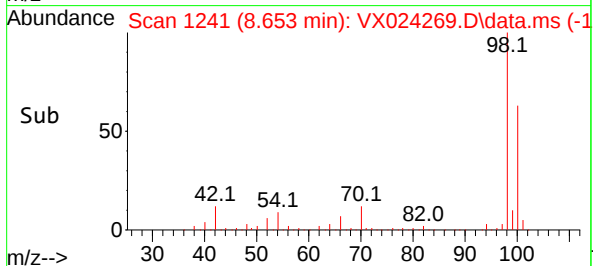
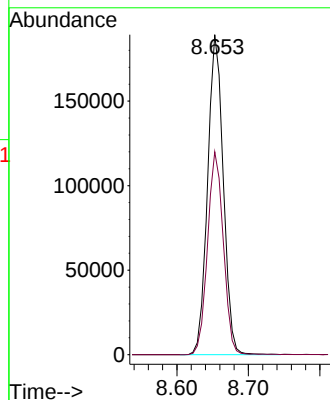
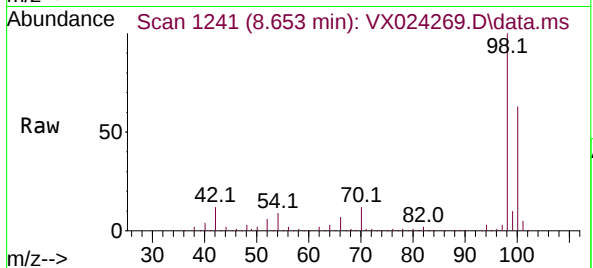
Acq: 15 Sep 2021 18:35

Tgt Ion: 98 Resp: 287778

Ion Ratio Lower Upper

98 100

100 64.0 51.9 77.9



#60

Dibromochloromethane

Concen: 2.078 ug/l

RT: 9.281 min Scan# 1344

Delta R.T. -0.244 min

Lab File: VX024269.D

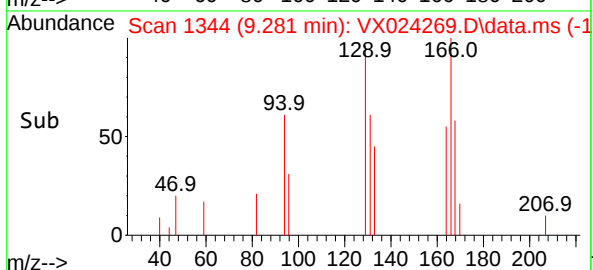
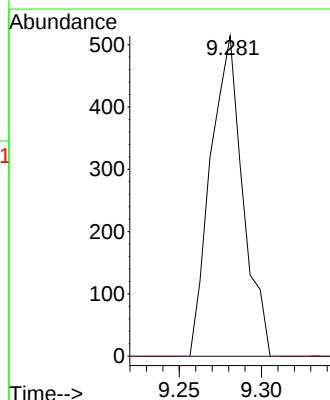
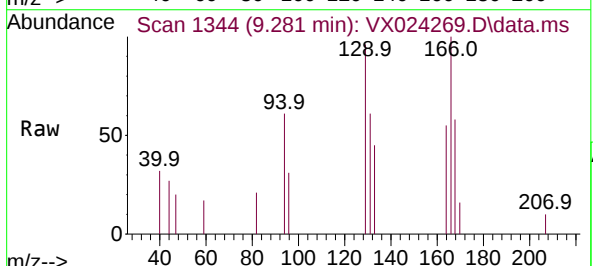
Acq: 15 Sep 2021 18:35

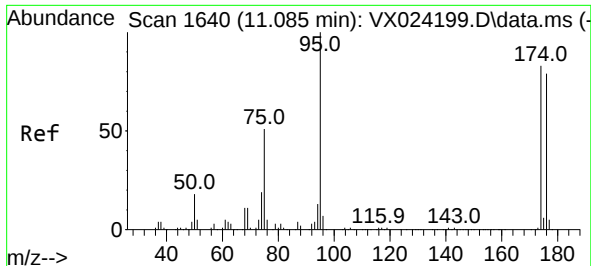
Tgt Ion: 129 Resp: 702

Ion Ratio Lower Upper

129 100

127 0.0 38.4 115.2#

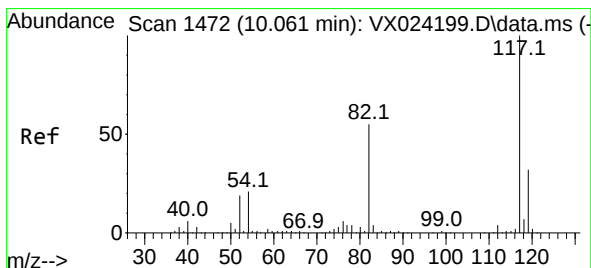
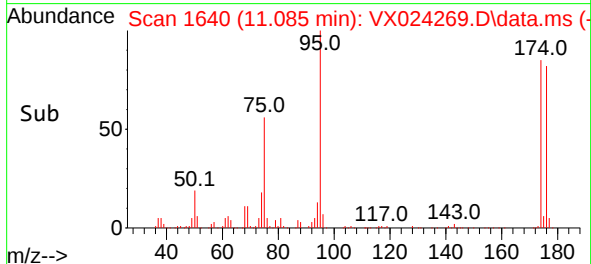
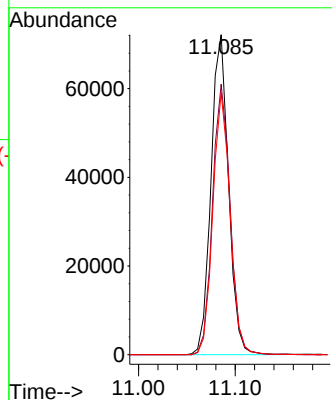
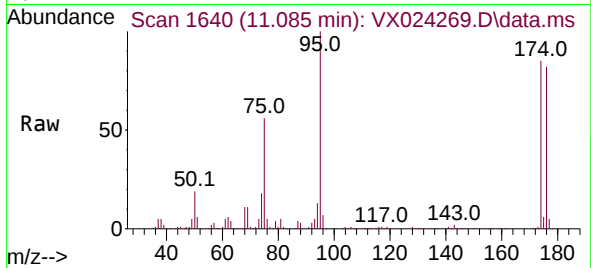




#62
4-Bromofluorobenzene
Concen: 41.534 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

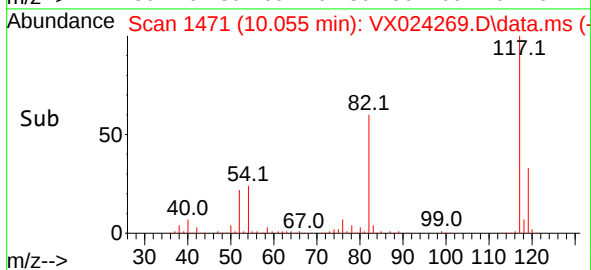
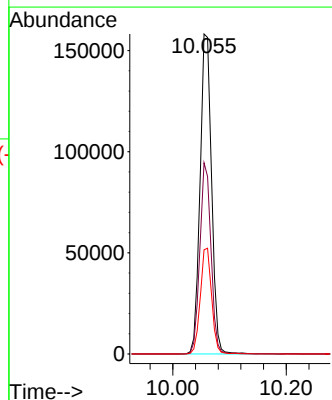
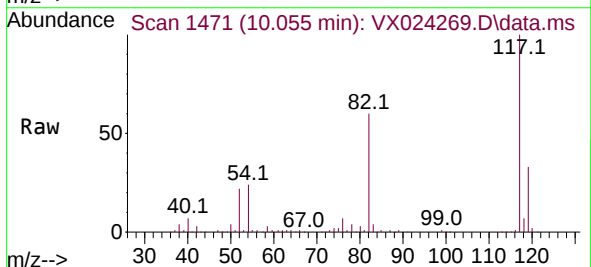
Instrument :
MSVOA_X
ClientSampleId :
33136

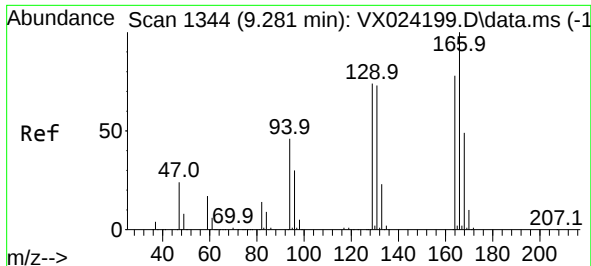
Tgt Ion: 95 Resp: 91057
Ion Ratio Lower Upper
95 100
174 84.7 0.0 154.6
176 80.7 0.0 155.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion: 117 Resp: 222354
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.5 26.6 39.8

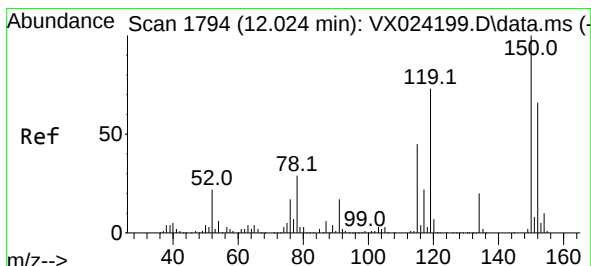
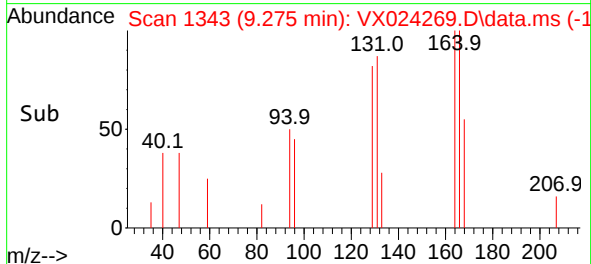
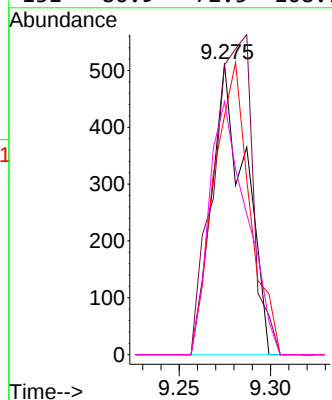
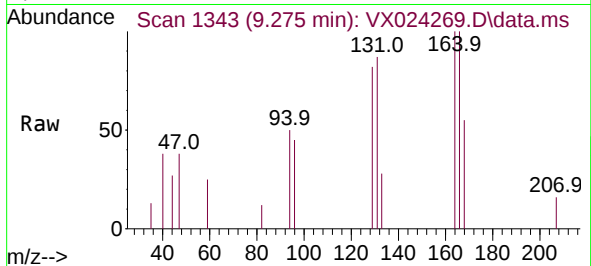




#64
Tetrachloroethene
Concen: 0.382 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.006 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

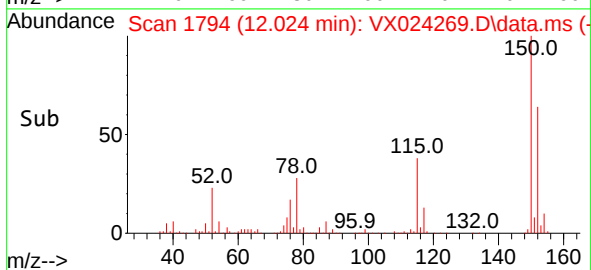
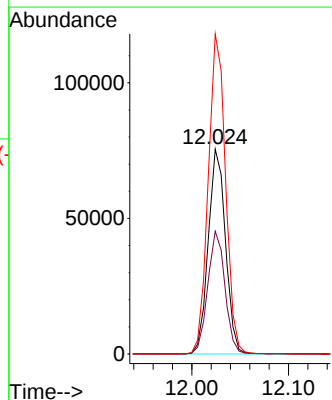
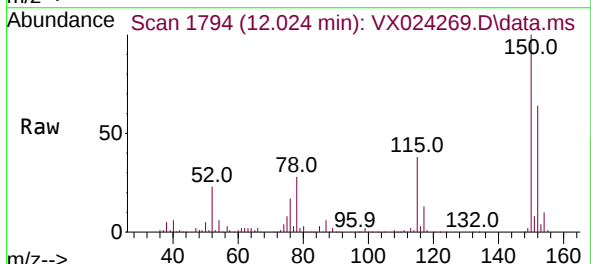
Instrument :
MSVOA_X
ClientSampled :
33136

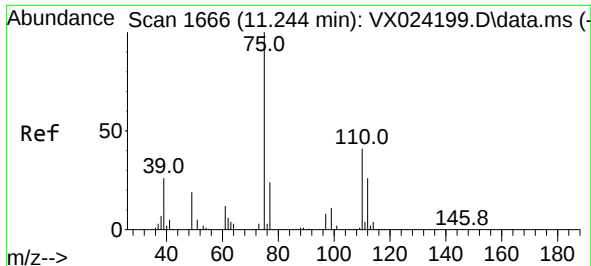
Tgt Ion:164 Resp: 658
Ion Ratio Lower Upper
164 100
166 99.6 103.4 155.2#
129 82.0 70.8 106.2
131 86.9 72.5 108.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion:152 Resp: 93958
Ion Ratio Lower Upper
152 100
115 59.8 41.1 123.3
150 156.0 0.0 349.0

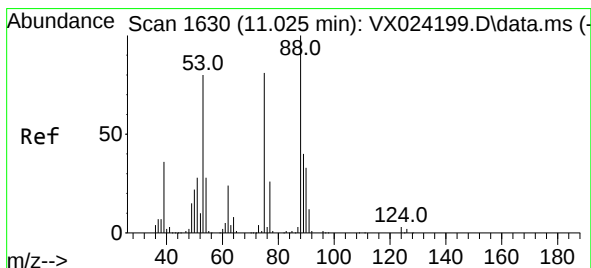
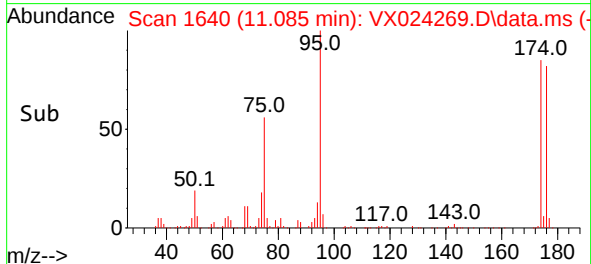
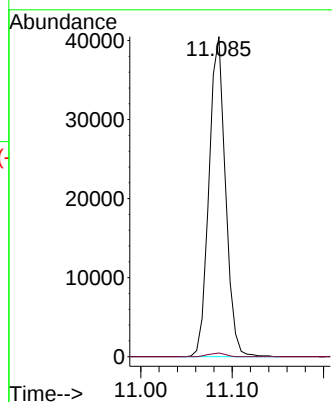
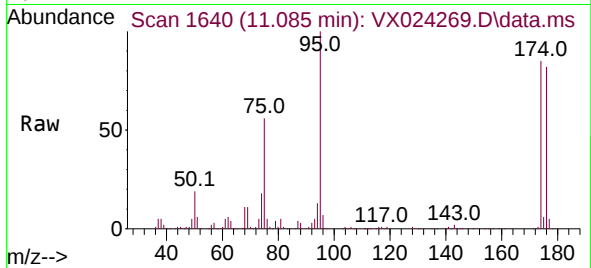




#76
1,2,3-Trichloropropane
Concen: 23.453 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

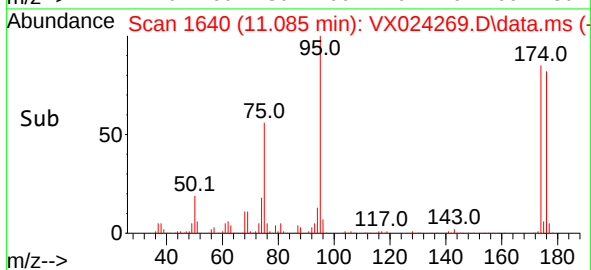
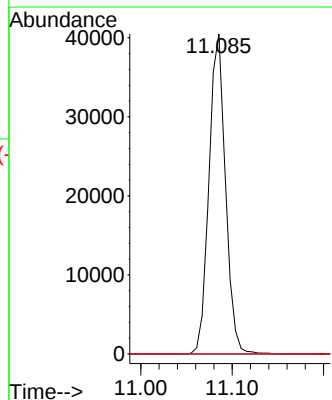
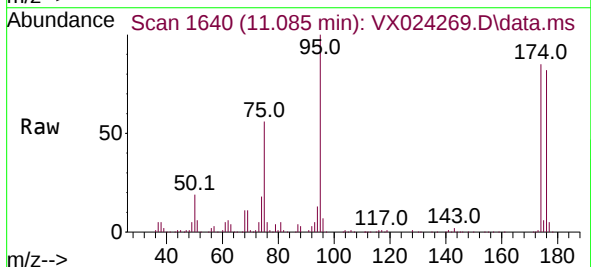
Instrument :
MSVOA_X
ClientSampled :
33136

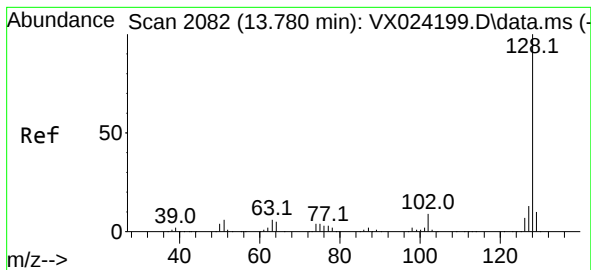
Tgt Ion: 75 Resp: 50669
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 68.975 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Tgt Ion: 75 Resp: 50669
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#





#95
Naphthalene
Concen: 1.300 ug/l
RT: 13.786 min Scan# 2083
Delta R.T. 0.006 min
Lab File: VX024269.D
Acq: 15 Sep 2021 18:35

Instrument :
MSVOA_X
ClientSampleId :
33136

Tgt Ion:128 Resp: 91
Ion Ratio Lower Upper
128 100
127 0.0 10.3 15.5#
129 0.0 8.8 13.2#

