

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091421\
 Data File : VX024245.D
 Acq On : 15 Sep 2021 06:49
 Operator : JC/MD
 Sample : M3724-19 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33135

Quant Time: Sep 15 07:34:23 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)

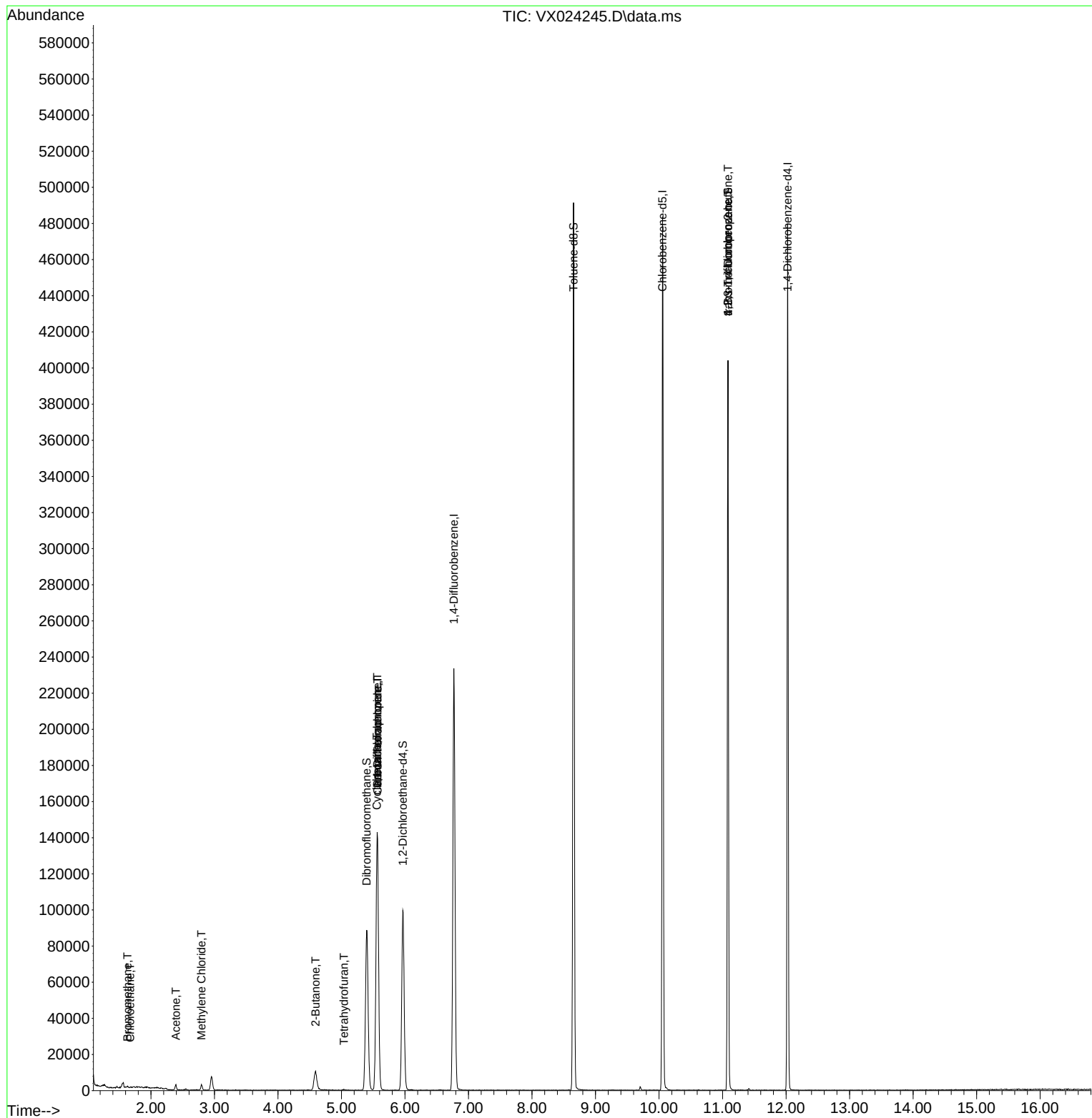
Internal Standards						
1) Pentafluorobenzene	5.562	168	131721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	226733	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	214723	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92080	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	101286	53.924	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 107.840%			
35) Dibromofluoromethane	5.397	113	76559	50.349	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.700%			
50) Toluene-d8	8.653	98	280944	50.718	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.440%			
62) 4-Bromofluorobenzene	11.085	95	100317	46.535	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 93.060%			
Target Compounds						
					Qvalue	
5) Bromomethane	1.630	94	291	0.371	ug/l	84
6) Chloroethane	1.672	64	142	2.129	ug/l #	43
11) Tert butyl alcohol	2.953	59	4719	Below Cal	#	73
16) Acetone	2.392	43	2918	3.643	ug/l	96
20) Methylene Chloride	2.794	84	1358	0.883	ug/l #	89
25) 2-Butanone	4.592	43	792	0.671	ug/l #	45
29) Tetrahydrofuran	5.038	42	330	0.447	ug/l #	27
31) Cyclohexane	5.556	56	3073	1.399	ug/l #	32
36) 1,1-Dichloropropene	5.562	75	10567	5.069	ug/l #	49
38) Carbon Tetrachloride	5.568	117	14236	6.068	ug/l #	16
76) 1,2,3-Trichloropropane	11.085	75	54432	25.708	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	54432	75.608	ug/l #	12

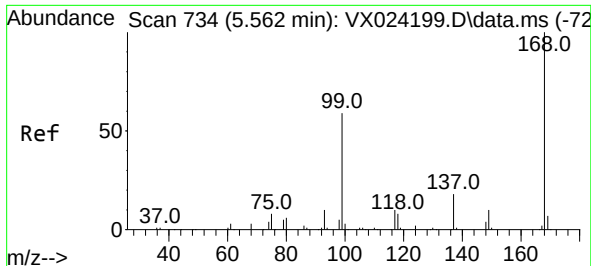
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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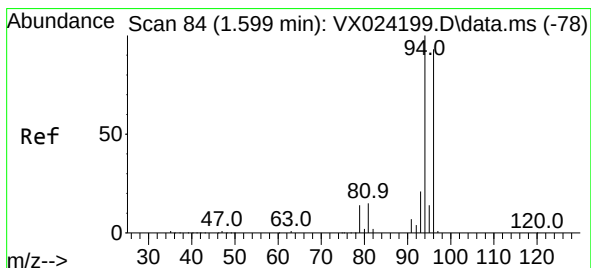
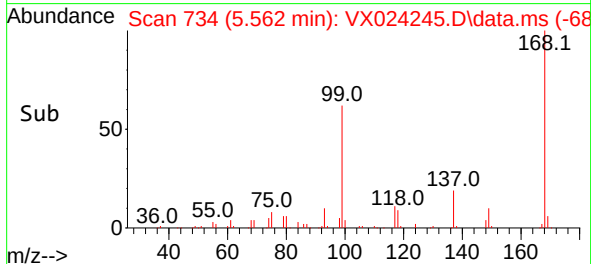
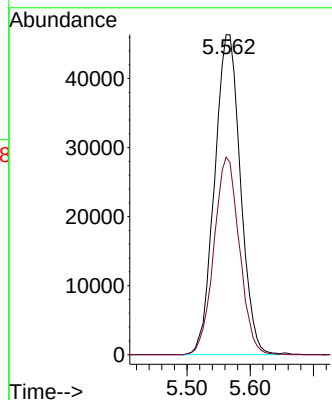
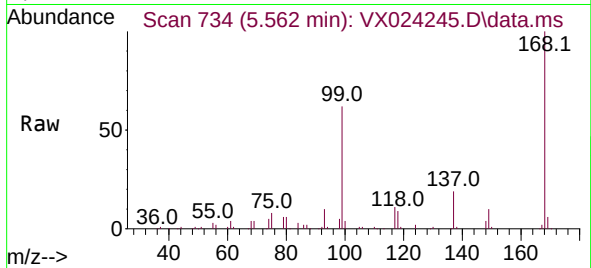




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.000 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

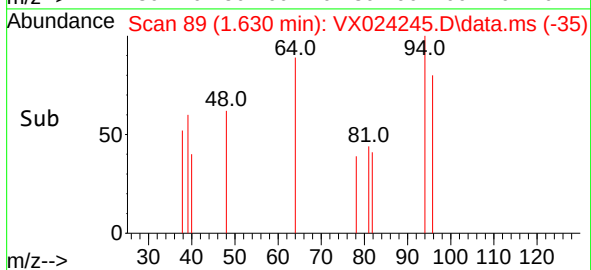
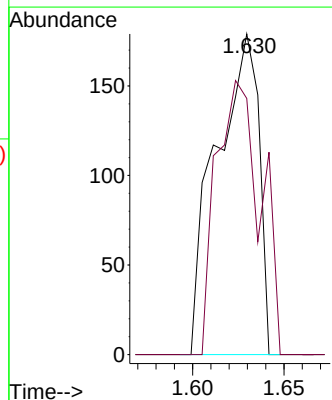
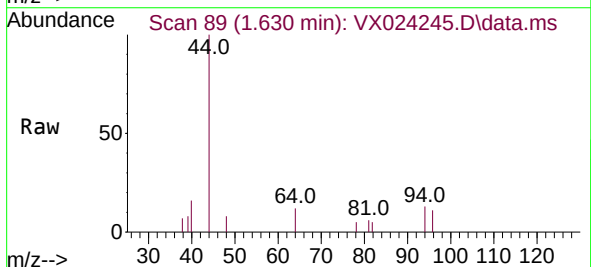
Instrument :
MSVOA_X
ClientSampleId :
33135

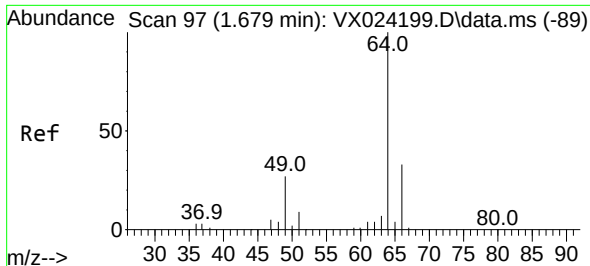
Tgt Ion:168 Resp: 131721
Ion Ratio Lower Upper
168 100
99 61.7 45.8 68.6



#5
Bromomethane
Concen: 0.371 ug/l
RT: 1.630 min Scan# 89
Delta R.T. 0.031 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

Tgt Ion: 94 Resp: 291
Ion Ratio Lower Upper
94 100
96 79.9 76.4 114.6

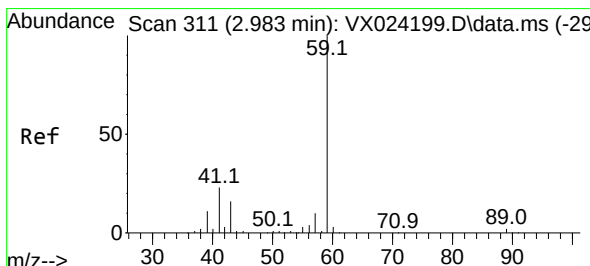
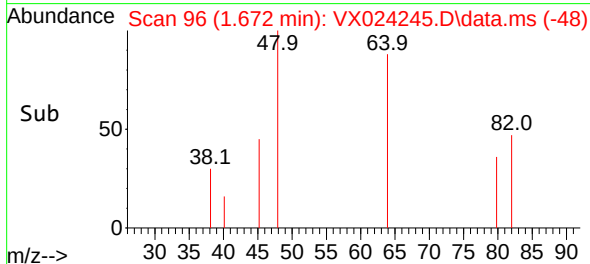
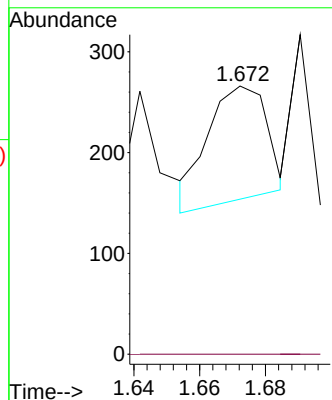
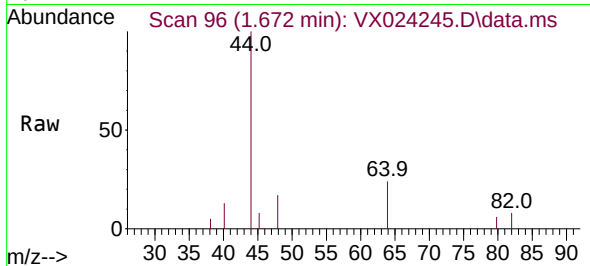




#6
Chloroethane
Concen: 2.129 ug/l
RT: 1.672 min Scan# 96
Delta R.T. -0.007 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

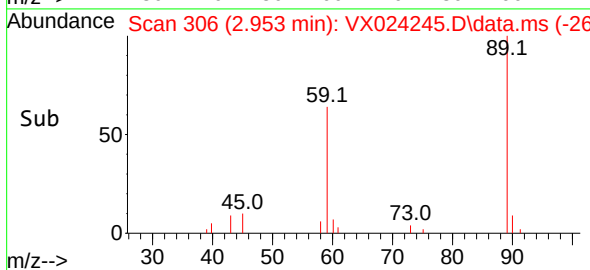
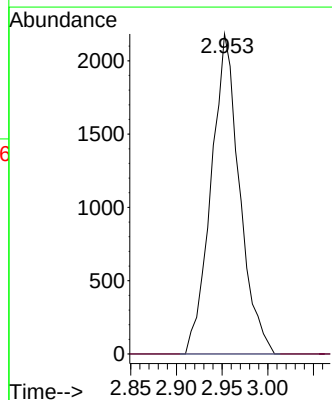
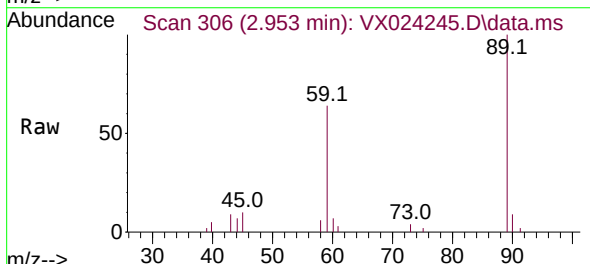
Instrument :
MSVOA_X
ClientSampled :
33135

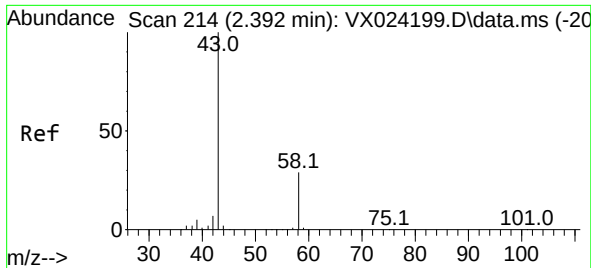
Tgt Ion: 64 Resp: 142
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.030 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

Tgt Ion: 59 Resp: 4719
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

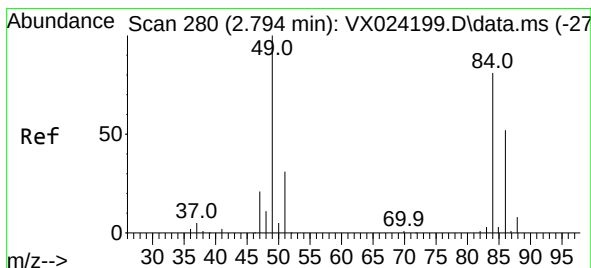
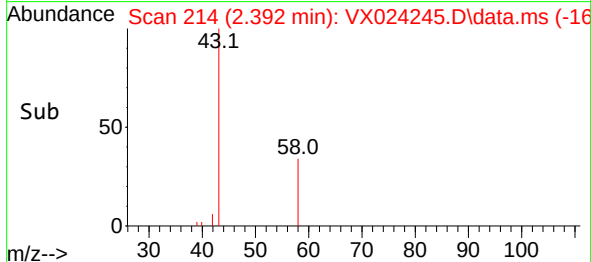
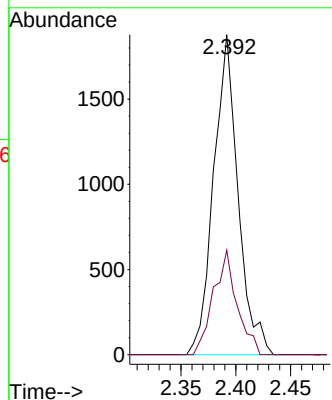
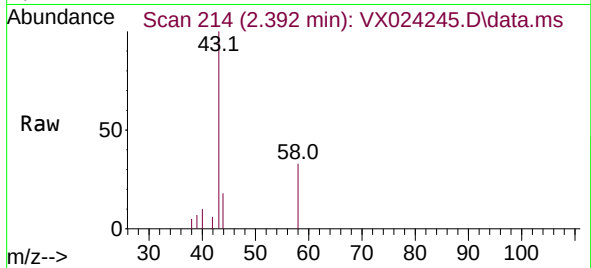




#16
Acetone
Concen: 3.643 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

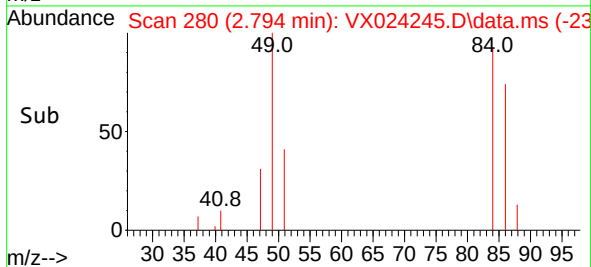
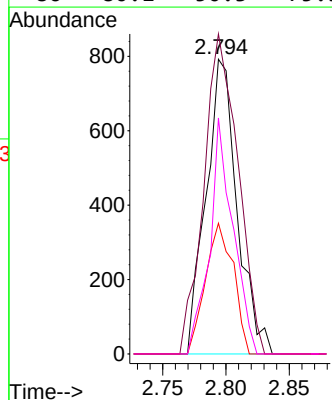
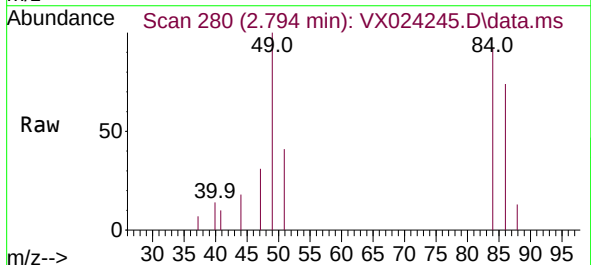
Instrument :
MSVOA_X
ClientSampled :
33135

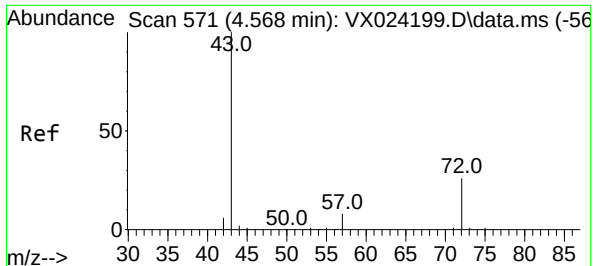
Tgt Ion: 43 Resp: 2918
Ion Ratio Lower Upper
43 100
58 32.6 27.8 41.8



#20
Methylene Chloride
Concen: 0.883 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

Tgt Ion: 84 Resp: 1358
Ion Ratio Lower Upper
84 100
49 108.6 88.6 132.8
51 44.3 27.0 40.6#
86 80.1 50.3 75.5#





#25

2-Butanone

Concen: 0.671 ug/l

RT: 4.592 min Scan# 575

Delta R.T. 0.024 min

Lab File: VX024245.D

Acq: 15 Sep 2021 06:49

Instrument :

MSVOA_X

ClientSampled :

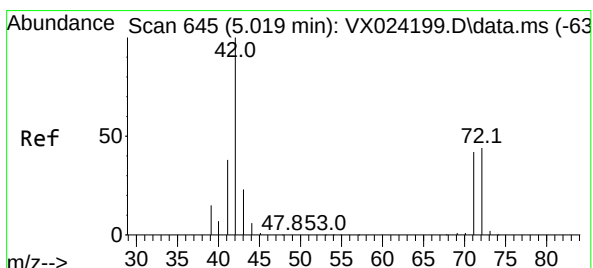
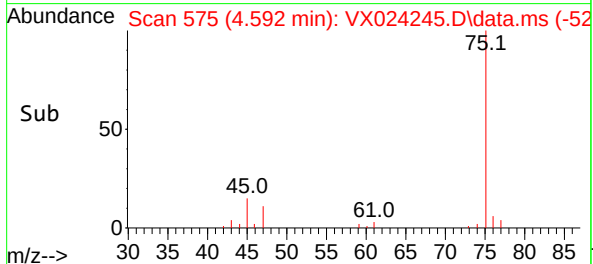
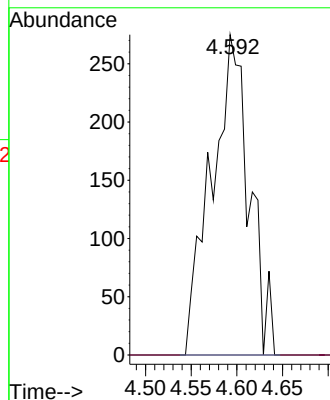
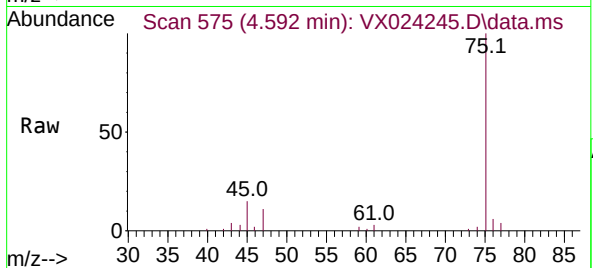
33135

Tgt Ion: 43 Resp: 792

Ion Ratio Lower Upper

43 100

72 0.0 23.7 35.5#



#29

Tetrahydrofuran

Concen: 0.447 ug/l

RT: 5.038 min Scan# 648

Delta R.T. 0.019 min

Lab File: VX024245.D

Acq: 15 Sep 2021 06:49

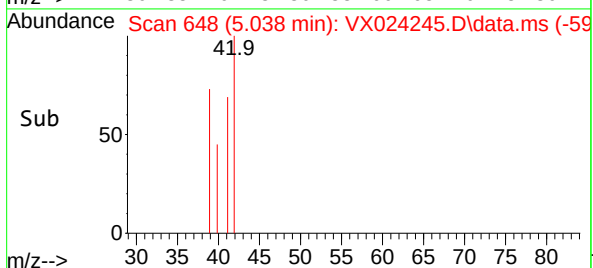
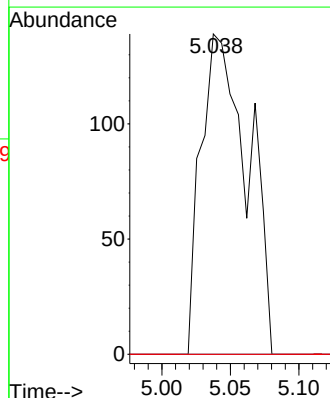
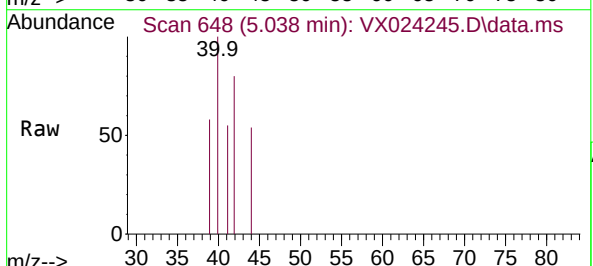
Tgt Ion: 42 Resp: 330

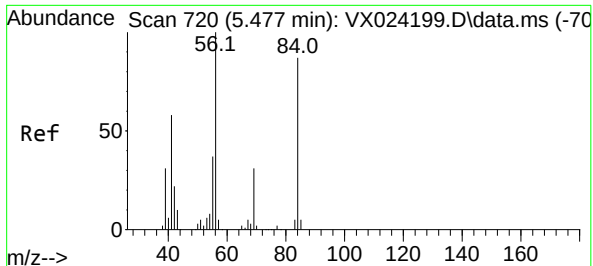
Ion Ratio Lower Upper

42 100

72 0.0 41.7 62.5#

71 0.0 38.4 57.6#





#31

Cyclohexane

Concen: 1.399 ug/l

RT: 5.556 min Scan# 733

Delta R.T. 0.079 min

Lab File: VX024245.D

Acq: 15 Sep 2021 06:49

Instrument :

MSVOA_X

ClientSampleId :

33135

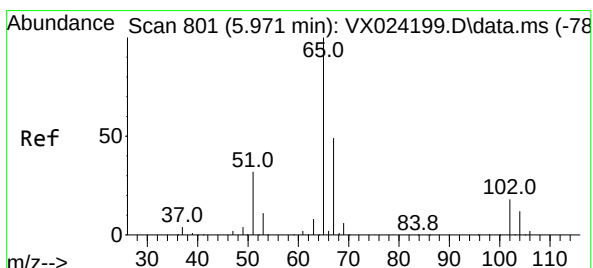
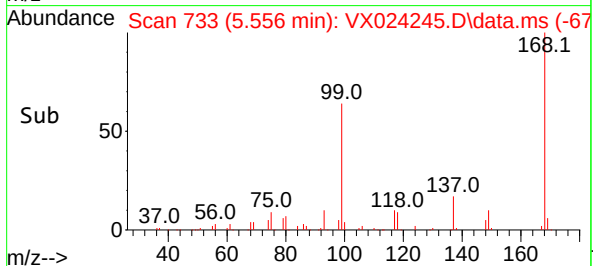
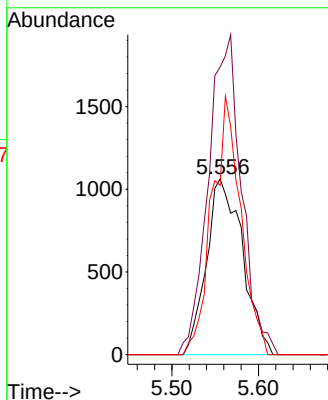
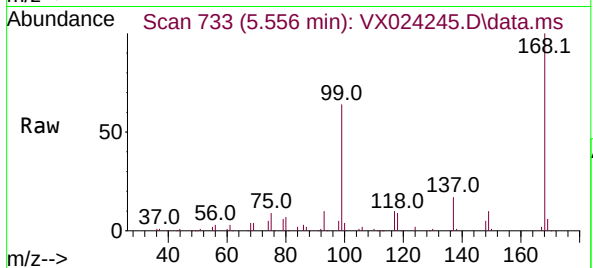
Tgt Ion: 56 Resp: 3073

Ion Ratio Lower Upper

56 100

69 163.8 25.3 37.9#

84 96.4 71.4 107.0



#33

1,2-Dichloroethane-d4

Concen: 53.924 ug/l

RT: 5.964 min Scan# 800

Delta R.T. -0.007 min

Lab File: VX024245.D

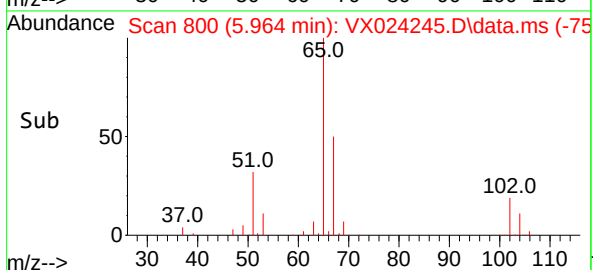
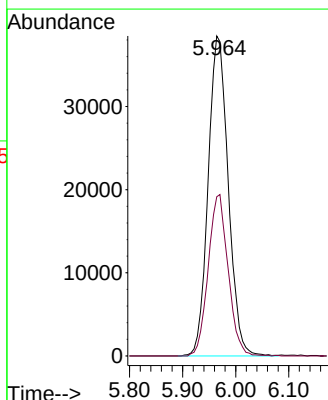
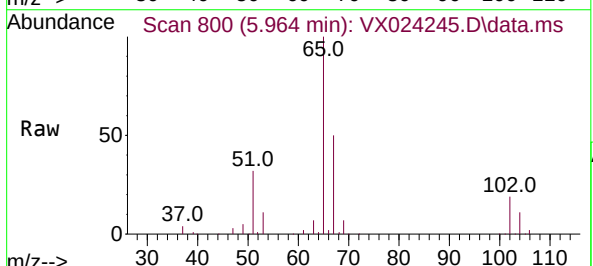
Acq: 15 Sep 2021 06:49

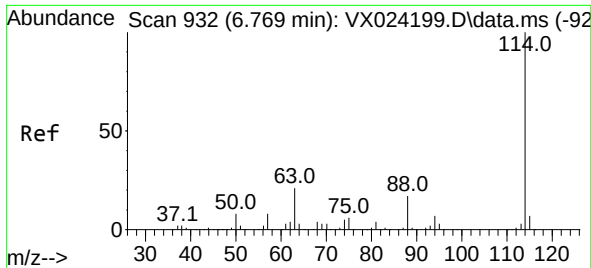
Tgt Ion: 65 Resp: 101286

Ion Ratio Lower Upper

65 100

67 49.9 0.0 105.4

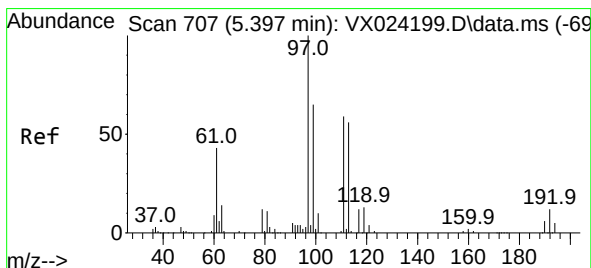
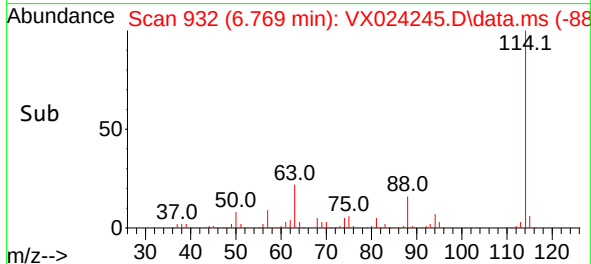
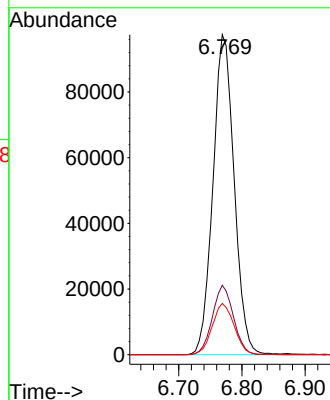
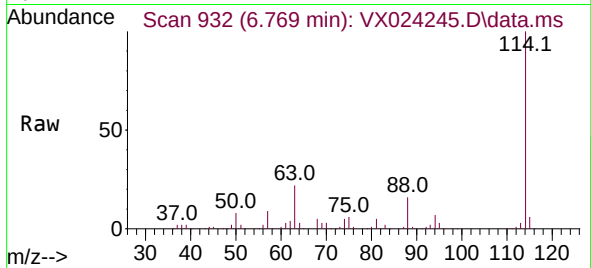




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 932
Delta R.T. -0.000 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

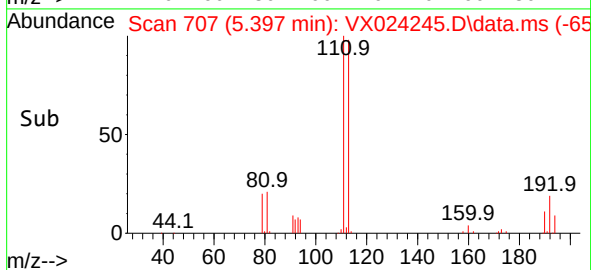
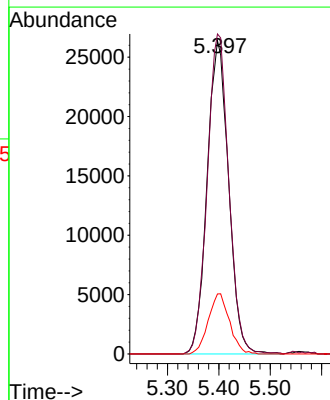
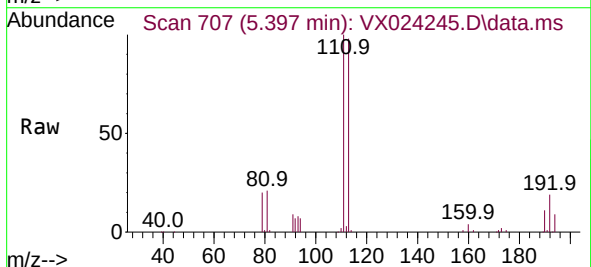
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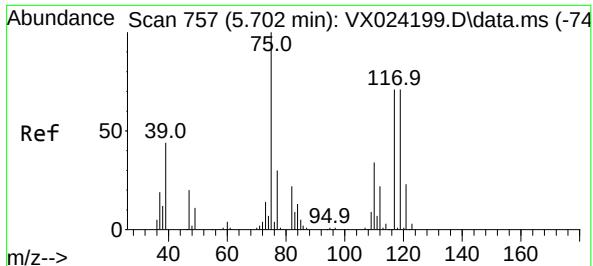
Tgt Ion:114 Resp: 226733
Ion Ratio Lower Upper
114 100
63 21.7 0.0 40.8
88 16.0 0.0 32.8



#35
Dibromofluoromethane
Concen: 50.349 ug/l
RT: 5.397 min Scan# 707
Delta R.T. 0.000 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

Tgt Ion:113 Resp: 76559
Ion Ratio Lower Upper
113 100
111 102.3 81.9 122.9
192 19.0 16.7 25.1





#36

1,1-Dichloropropene

Concen: 5.069 ug/l

RT: 5.562 min Scan# 734

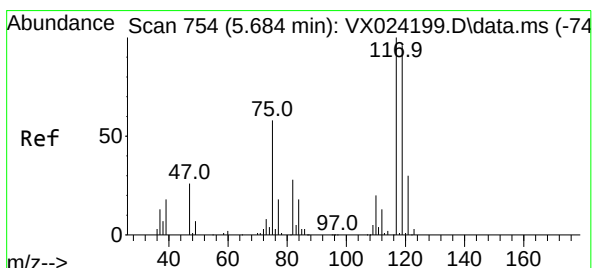
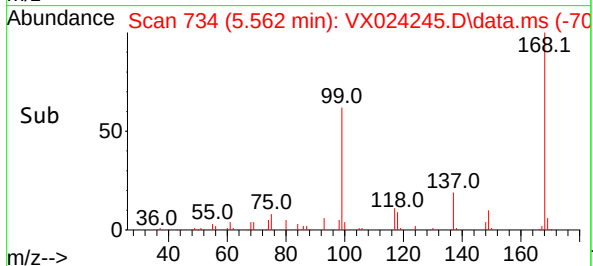
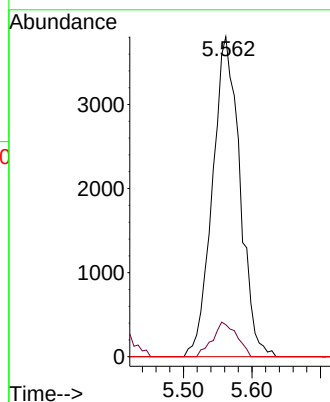
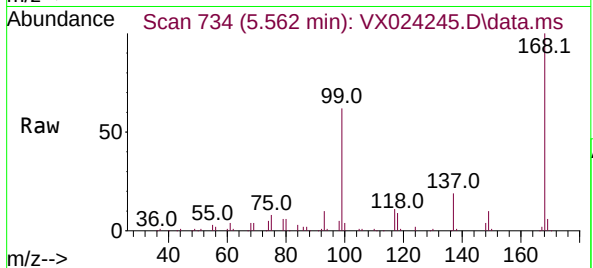
Delta R.T. -0.140 min

Lab File: VX024245.D

Acq: 15 Sep 2021 06:49

Tgt Ion:	75	Resp:	10567
Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.1	54.4#
77	0.0	25.3	37.9#

Instrument :
MSVOA_X
ClientSampleId :
33135



#38

Carbon Tetrachloride

Concen: 6.068 ug/l

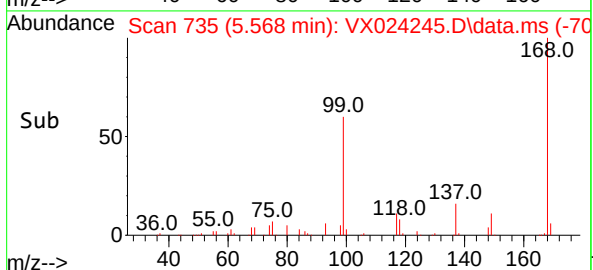
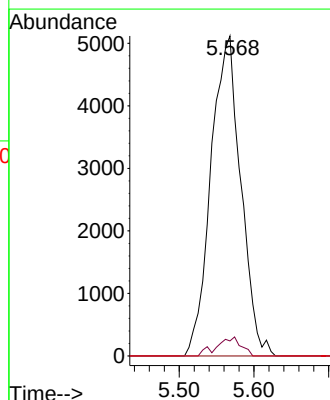
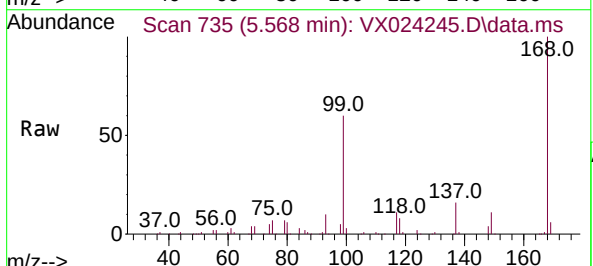
RT: 5.568 min Scan# 735

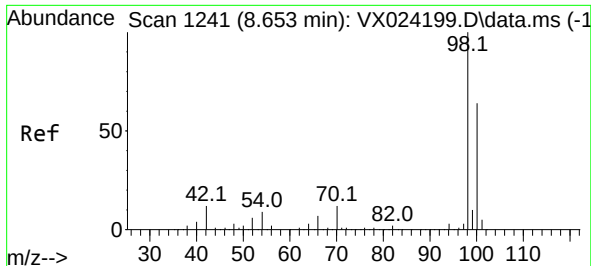
Delta R.T. -0.116 min

Lab File: VX024245.D

Acq: 15 Sep 2021 06:49

Tgt Ion:	117	Resp:	14236
Ion	Ratio	Lower	Upper
117	100		
119	4.7	76.2	114.2#
121	0.0	24.8	37.2#

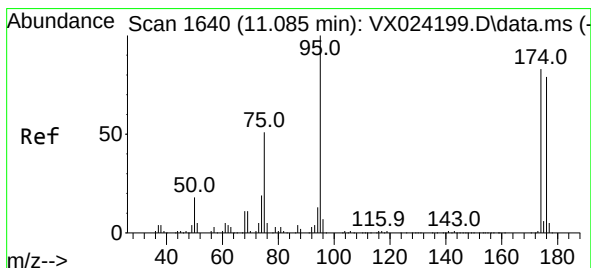
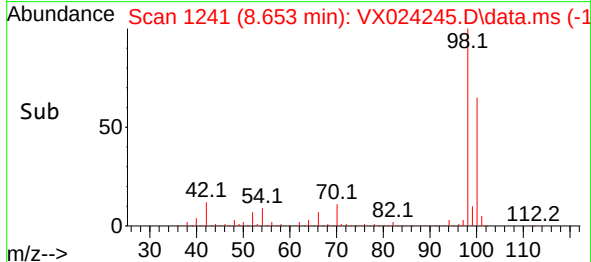
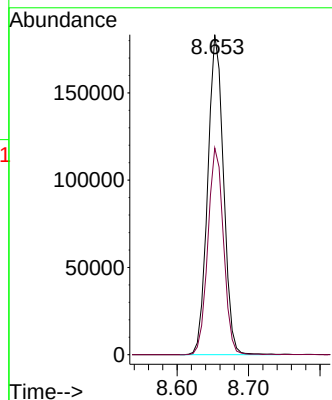
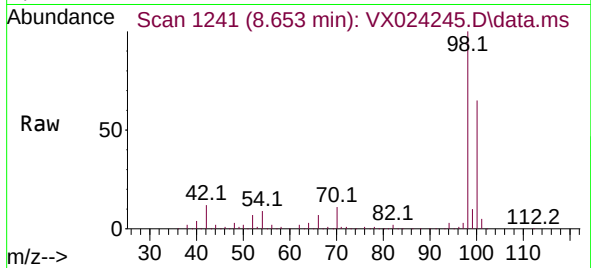




#50
Toluene-d8
Concen: 50.718 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

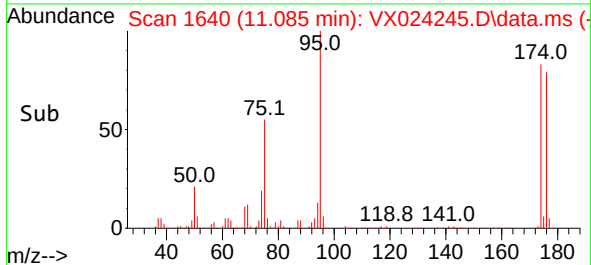
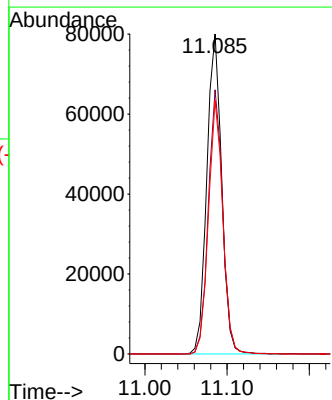
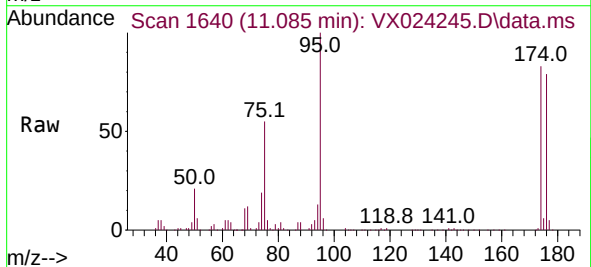
Instrument :
MSVOA_X
ClientSampled :
33135

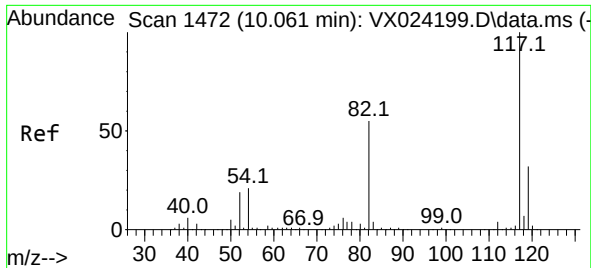
Tgt Ion: 98 Resp: 280944
Ion Ratio Lower Upper
98 100
100 64.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.535 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

Tgt Ion: 95 Resp: 100317
Ion Ratio Lower Upper
95 100
174 80.3 0.0 154.6
176 76.8 0.0 155.8

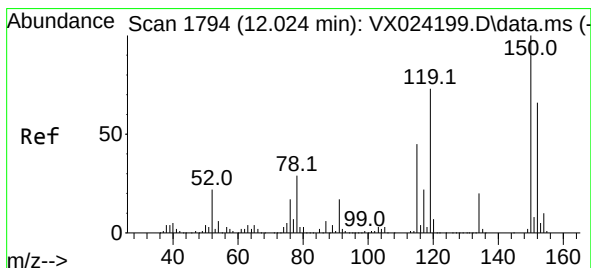
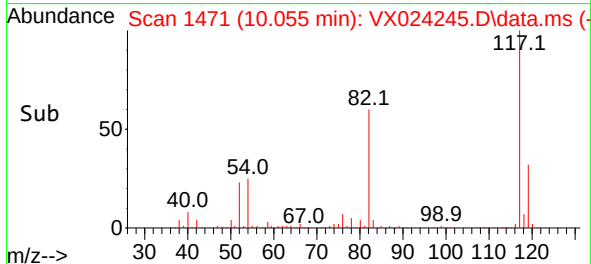
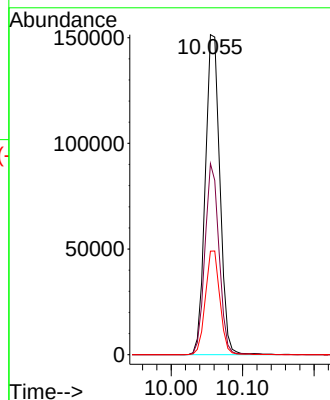
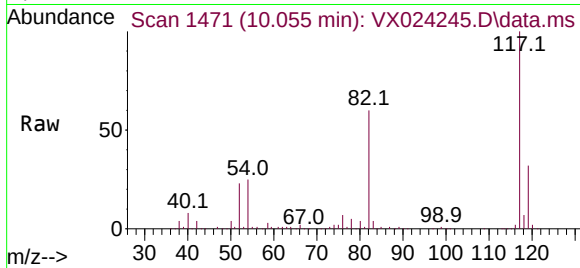




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.006 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

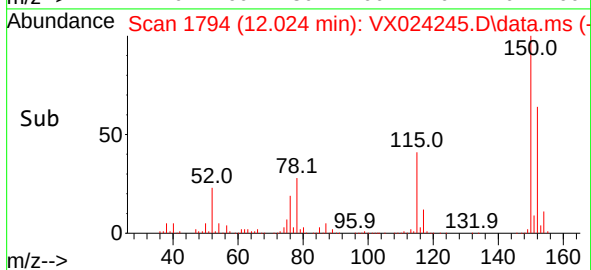
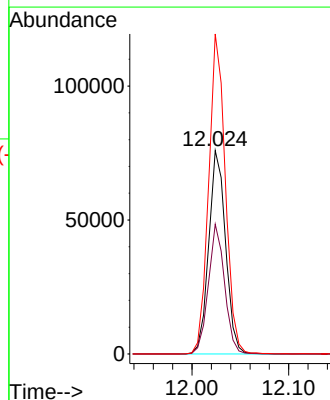
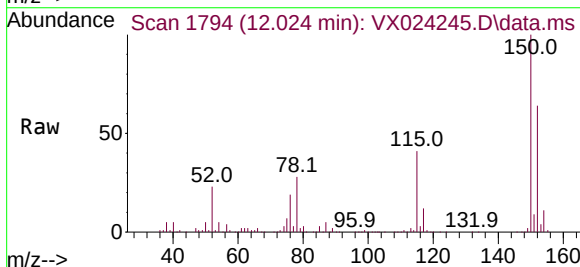
Instrument :
MSVOA_X
ClientSampled :
33135

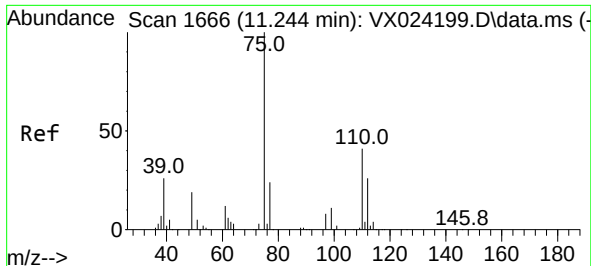
Tgt Ion:117 Resp: 214723
Ion Ratio Lower Upper
117 100
82 59.7 47.4 71.2
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

Tgt Ion:152 Resp: 92080
Ion Ratio Lower Upper
152 100
115 61.4 41.1 123.3
150 155.6 0.0 349.0

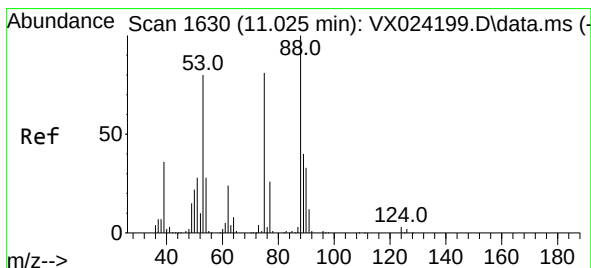
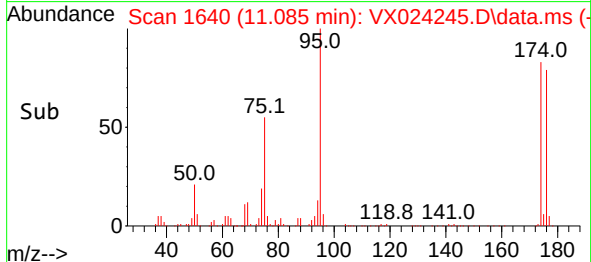
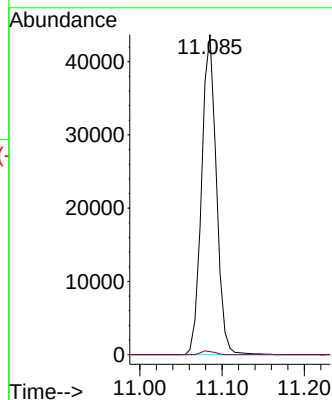
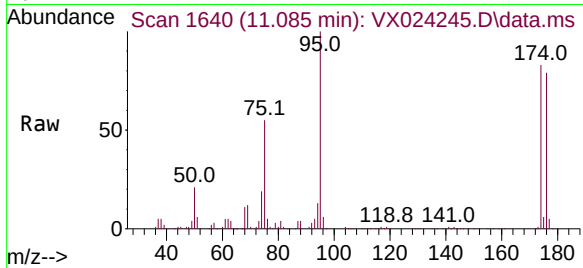




#76
1,2,3-Trichloropropane
Concen: 25.708 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

Instrument :
MSVOA_X
ClientSampled :
33135

Tgt Ion: 75 Resp: 54432
Ion Ratio Lower Upper
75 100
77 1.1 19.1 57.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.608 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.060 min
Lab File: VX024245.D
Acq: 15 Sep 2021 06:49

Tgt Ion: 75 Resp: 54432
Ion Ratio Lower Upper
75 100
53 0.0 74.5 111.7#
89 0.0 37.9 56.9#

