

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044411.D
 Acq On : 19 Dec 2024 04:07
 Operator : JC/MD
 Sample : P5317-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 19 05:10:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 12 04:28:14 2024
 Response via : Initial Calibration

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

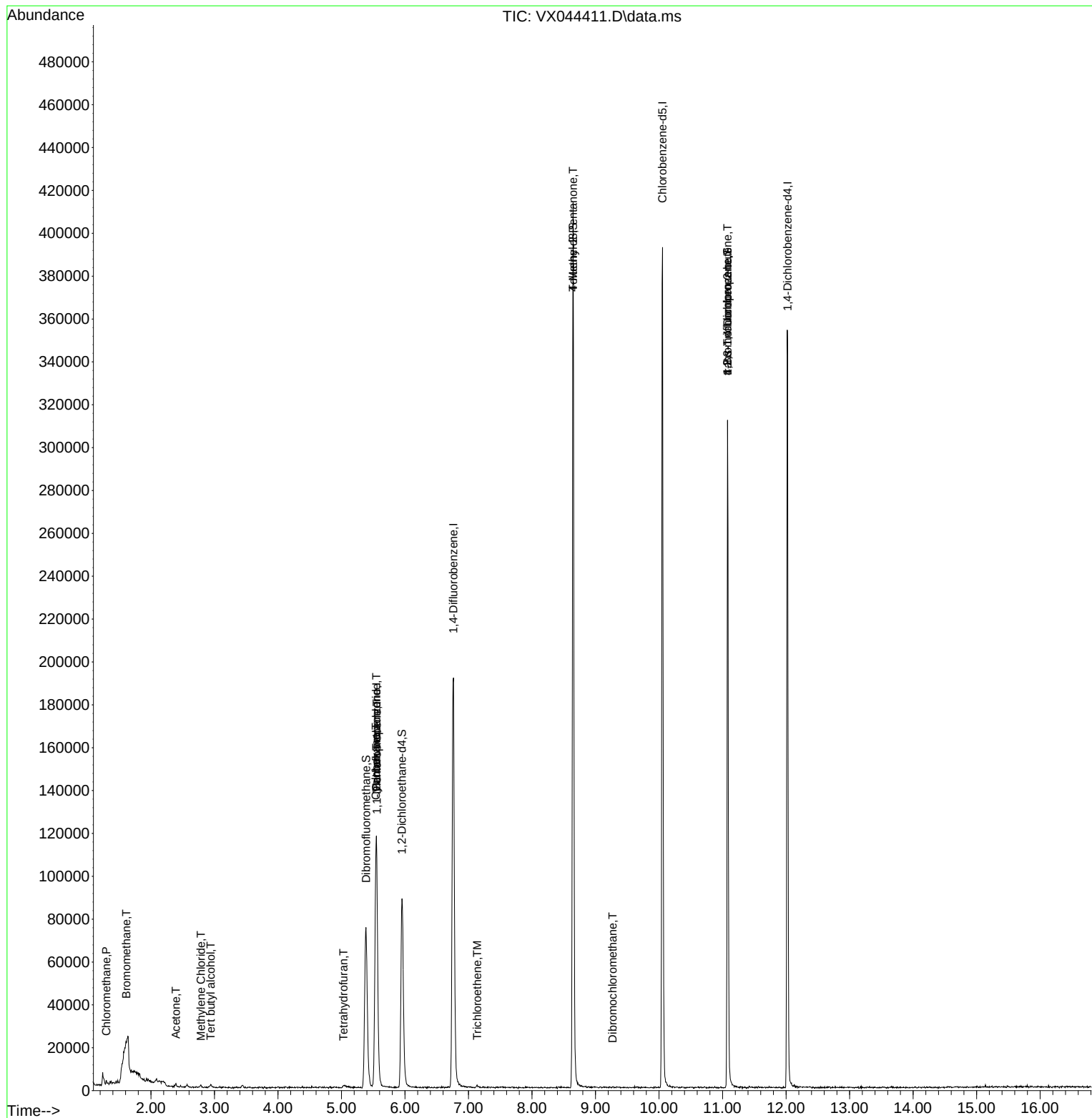
Internal Standards						
1) Pentafluorobenzene	5.550	168	106718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	197494	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	178573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86691	46.331	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.660%
35) Dibromofluoromethane	5.385	113	64172	46.915	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.840%
50) Toluene-d8	8.647	98	237009	51.360	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.720%
62) 4-Bromofluorobenzene	11.079	95	77233	47.897	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.800%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	1270	0.805	ug/l	97
5) Bromomethane	1.611	94	426	0.365	ug/l #	34
11) Tert butyl alcohol	2.941	59	422	1.600	ug/l #	71
16) Acetone	2.392	43	1243	1.629	ug/l #	69
20) Methylene Chloride	2.788	84	365	0.255	ug/l #	64
29) Tetrahydrofuran	5.032	42	415	0.596	ug/l #	30
31) Cyclohexane	5.544	56	2886	1.429	ug/l #	7
36) 1,1-Dichloropropene	5.556	75	9611	5.436	ug/l #	51
38) Carbon Tetrachloride	5.550	117	11924	6.264	ug/l #	18
44) Trichloroethene	7.135	130	433	0.323	ug/l	80
51) 4-Methyl-2-Pentanone	8.647	43	1359	0.619	ug/l #	1
60) Dibromochloromethane	9.269	129	42	1.261	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	43251	26.279	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	43251	72.480	ug/l #	4

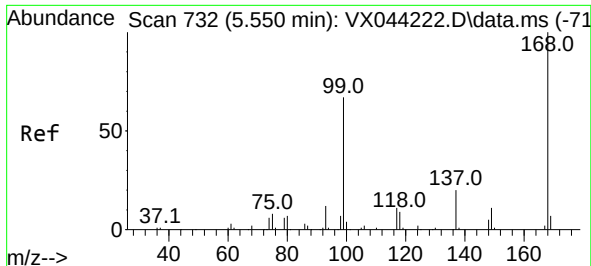
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
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Response via : Initial Calibration



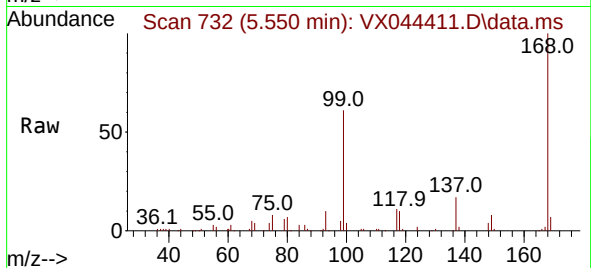


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

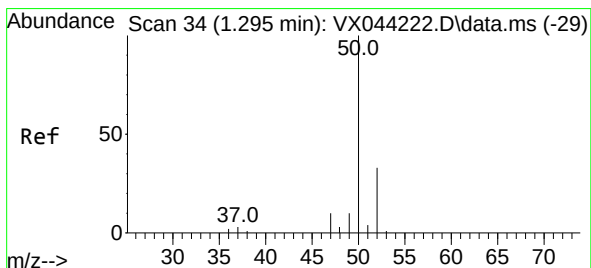
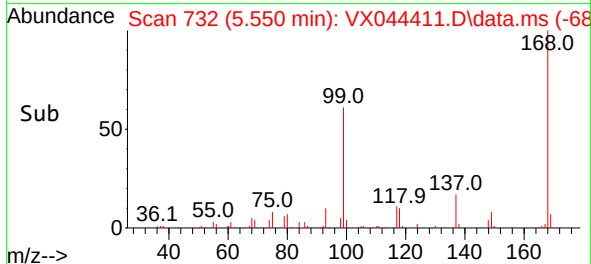
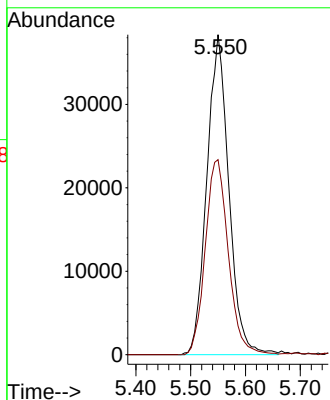
Instrument :

MSVOA_X

ClientSampleId :

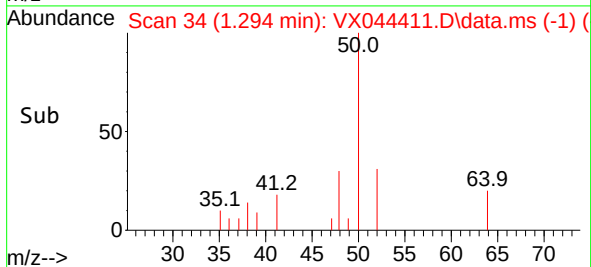
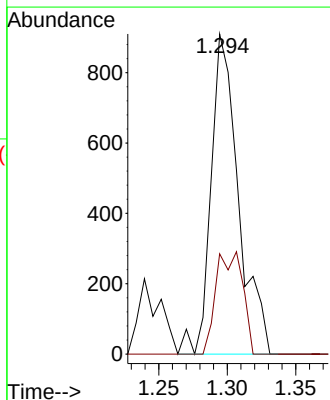
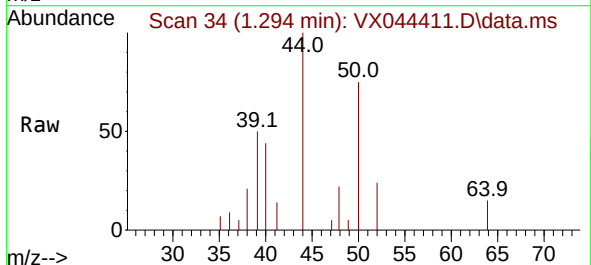


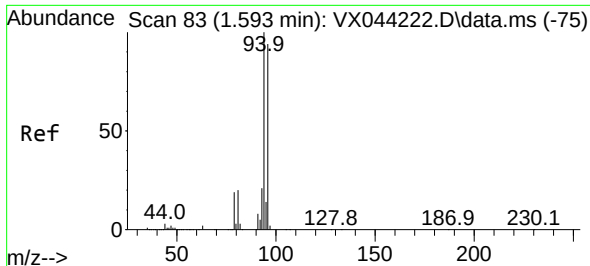
Tgt Ion:168 Resp: 106718
Ion Ratio Lower Upper
168 100
99 60.9 53.4 80.0



#3
Chloromethane
Concen: 0.805 ug/l
RT: 1.294 min Scan# 34
Delta R.T. -0.000 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

Tgt Ion: 50 Resp: 1270
Ion Ratio Lower Upper
50 100
52 31.3 26.5 39.7

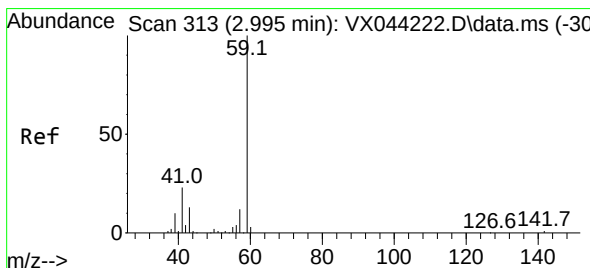
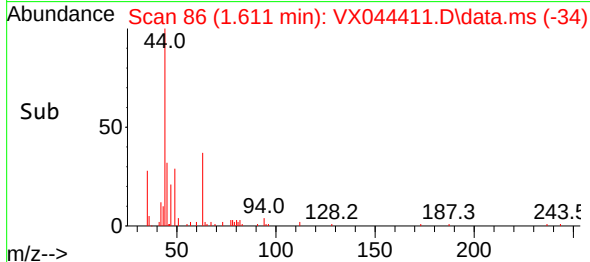
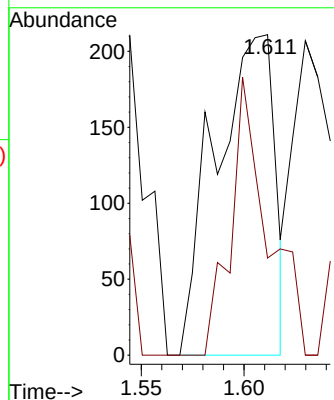
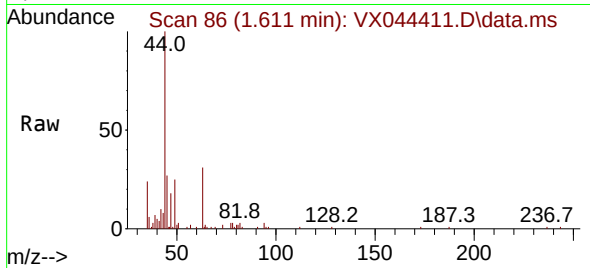




#5
Bromomethane
Concen: 0.365 ug/l
RT: 1.611 min Scan# 80
Delta R.T. 0.018 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

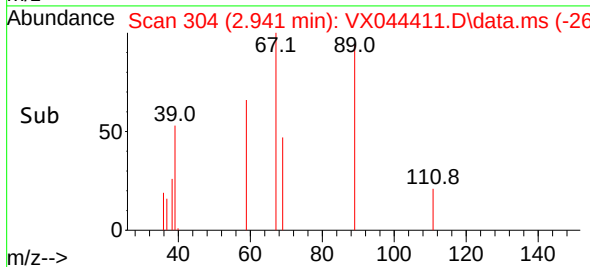
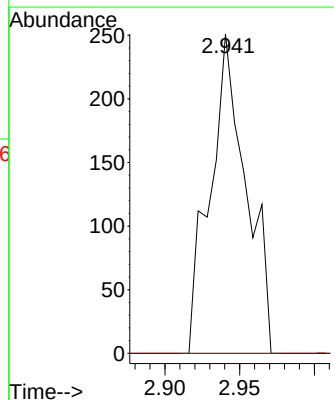
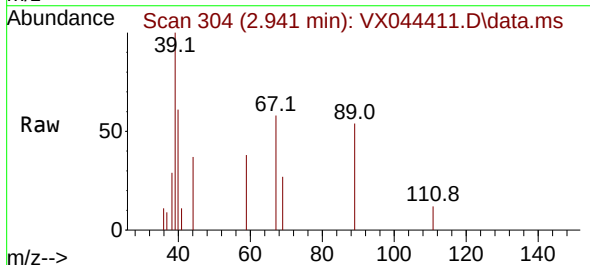
Instrument :
MSVOA_X
ClientSampleId :

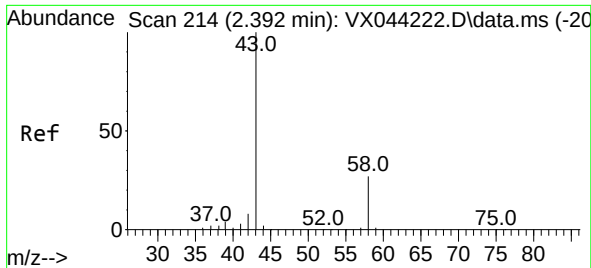
Tgt Ion: 94 Resp: 426
Ion Ratio Lower Upper
94 100
96 30.3 74.9 112.3#



#11
Tert butyl alcohol
Concen: 1.600 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

Tgt Ion: 59 Resp: 422
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

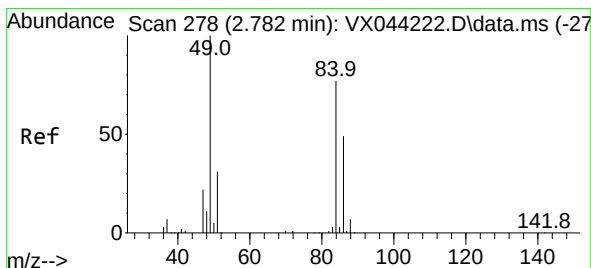
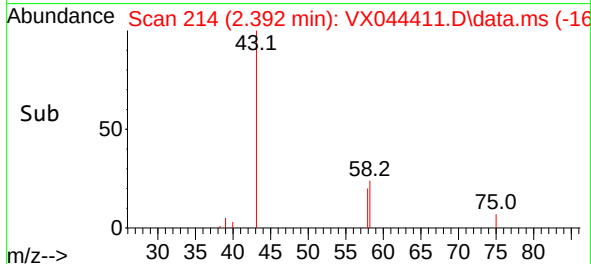
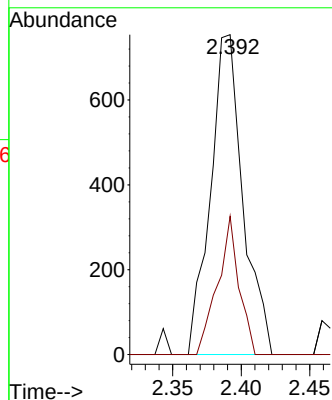
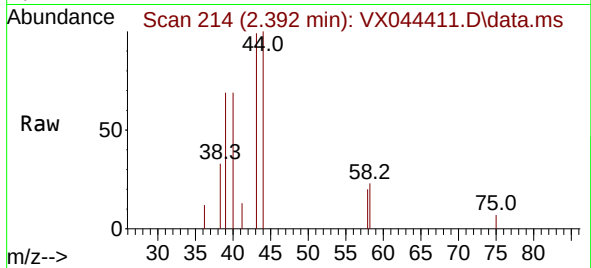




#16
Acetone
Concen: 1.629 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

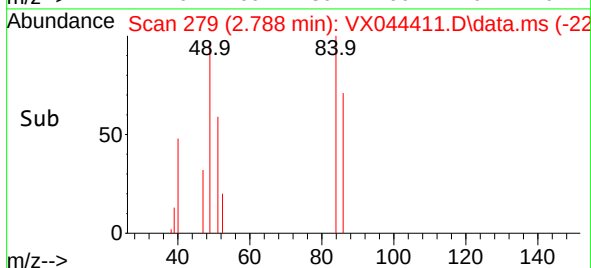
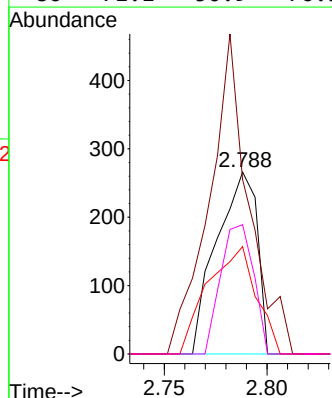
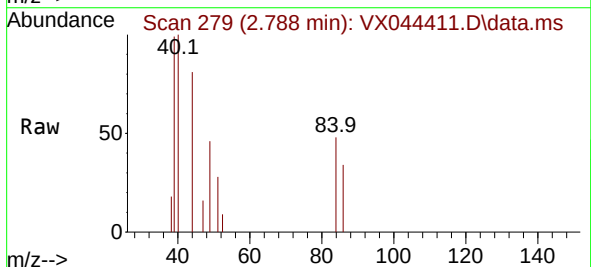
Instrument :
MSVOA_X
ClientSampleId :

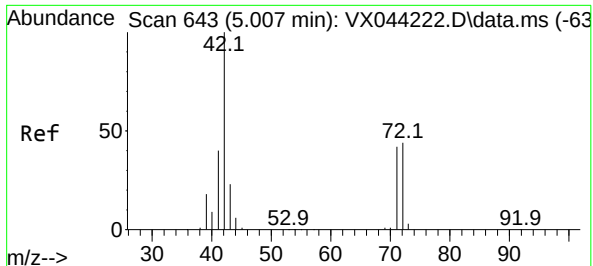
Tgt Ion: 43 Resp: 1243
Ion Ratio Lower Upper
43 100
58 43.2 21.6 32.4#



#20
Methylene Chloride
Concen: 0.255 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

Tgt Ion: 84 Resp: 365
Ion Ratio Lower Upper
84 100
49 71.4 104.2 156.4#
51 59.0 32.2 48.4#
86 71.1 50.9 76.3





#29

Tetrahydrofuran

Concen: 0.596 ug/l

RT: 5.032 min Scan# 643

Delta R.T. 0.024 min

Lab File: VX044411.D

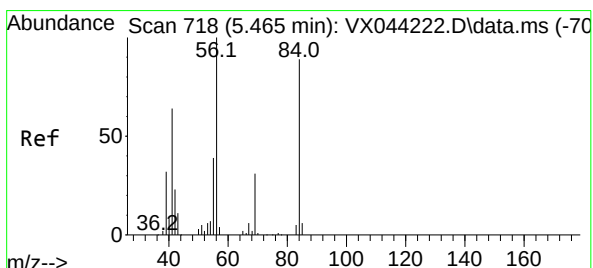
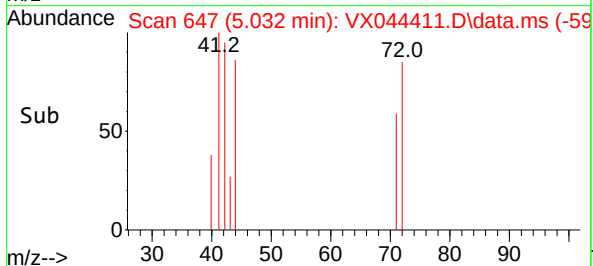
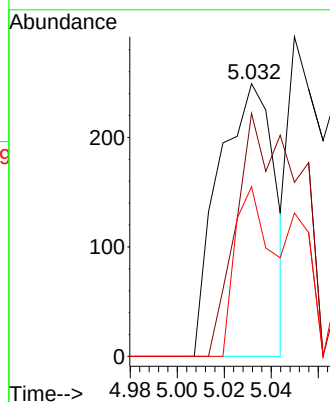
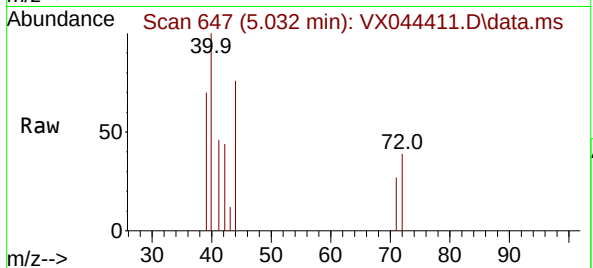
Acq: 19 Dec 2024 04:07

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	42	Resp:	415
Ion	Ratio	Lower	Upper
42	100		
72	109.6	37.0	55.6#
71	68.7	33.6	50.4#



#31

Cyclohexane

Concen: 1.429 ug/l

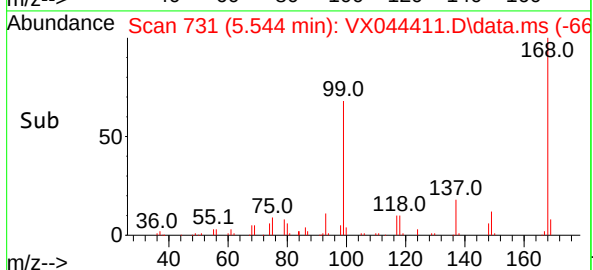
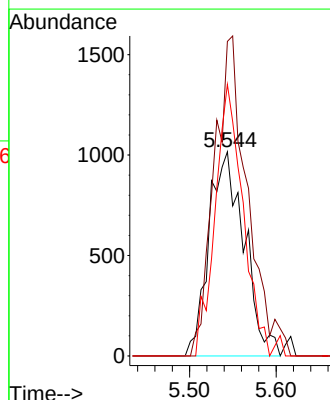
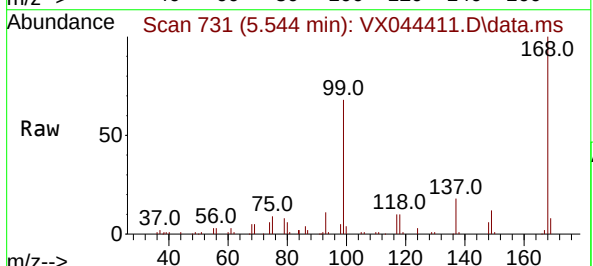
RT: 5.544 min Scan# 731

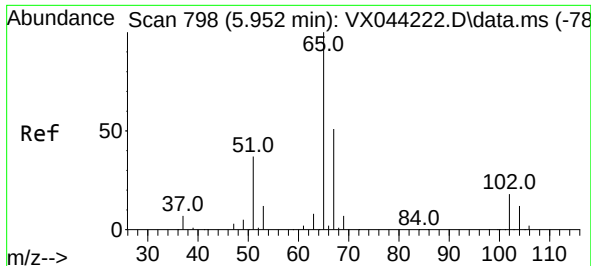
Delta R.T. 0.079 min

Lab File: VX044411.D

Acq: 19 Dec 2024 04:07

Tgt Ion:	56	Resp:	2886
Ion	Ratio	Lower	Upper
56	100		
69	154.1	24.7	37.1#
84	133.1	71.0	106.6#





#33

1,2-Dichloroethane-d4

Concen: 46.331 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044411.D

Acq: 19 Dec 2024 04:07

Instrument :

MSVOA_X

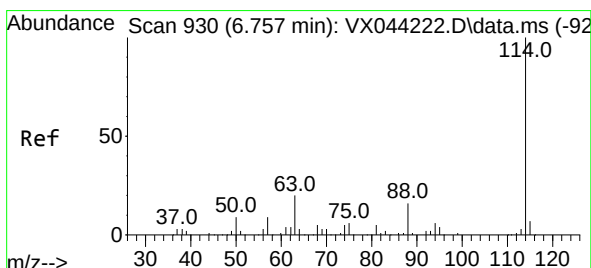
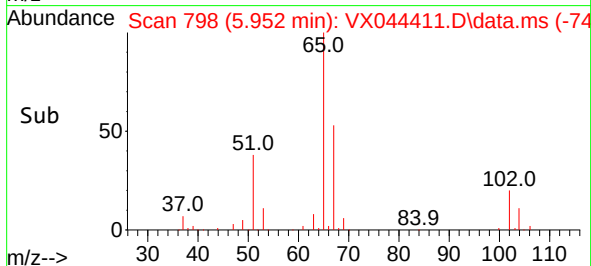
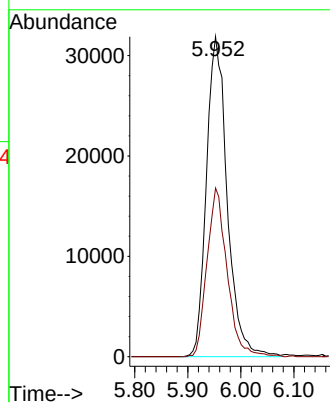
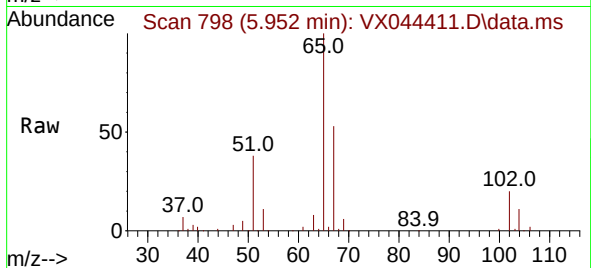
ClientSampleId :

Tgt Ion: 65 Resp: 86691

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX044411.D

Acq: 19 Dec 2024 04:07

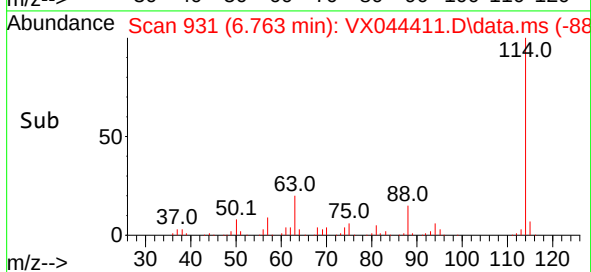
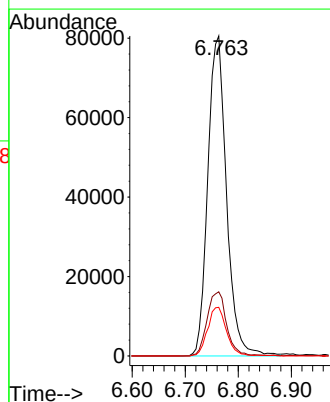
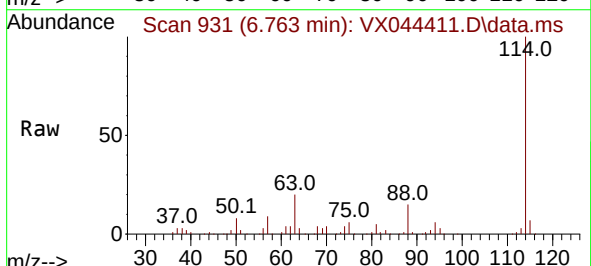
Tgt Ion: 114 Resp: 197494

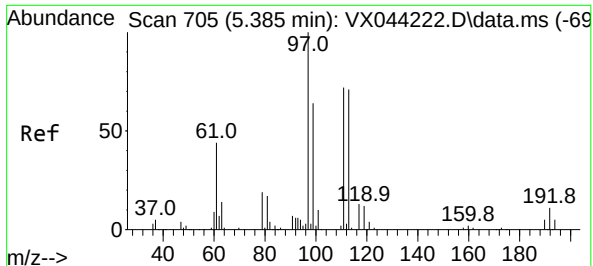
Ion Ratio Lower Upper

114 100

63 20.1 0.0 40.6

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 46.915 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044411.D

Acq: 19 Dec 2024 04:07

Instrument :

MSVOA_X

ClientSampleId :

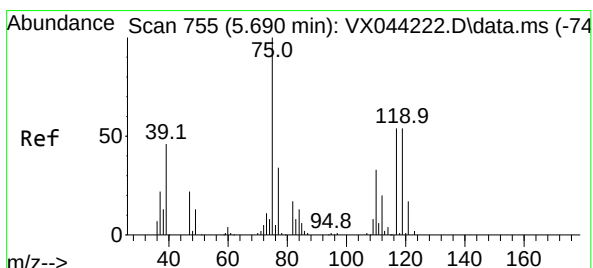
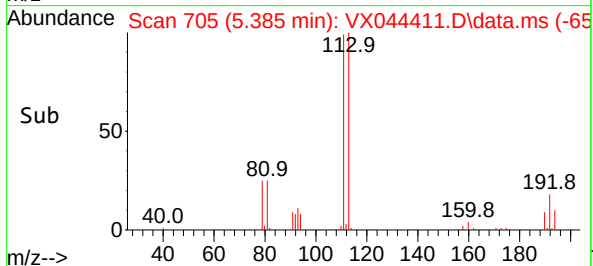
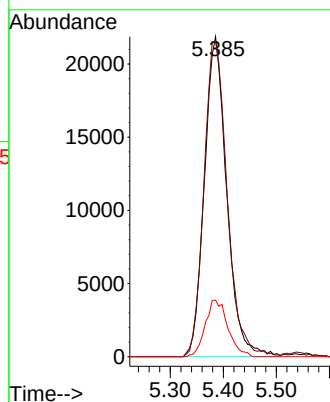
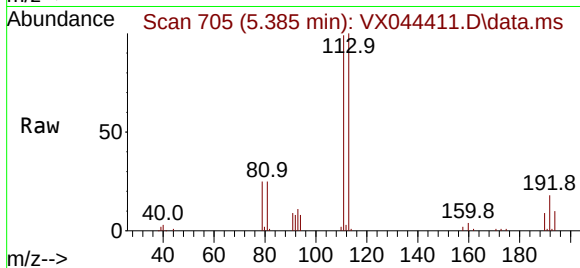
Tgt Ion:113 Resp: 64172

Ion Ratio Lower Upper

113 100

111 101.9 80.4 120.6

192 17.8 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.436 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.134 min

Lab File: VX044411.D

Acq: 19 Dec 2024 04:07

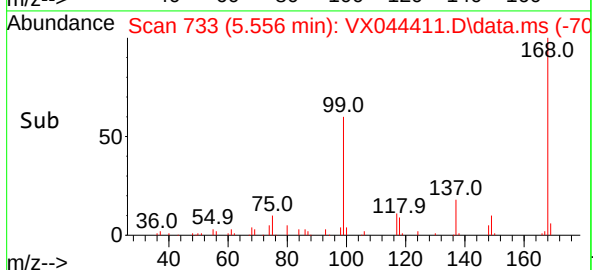
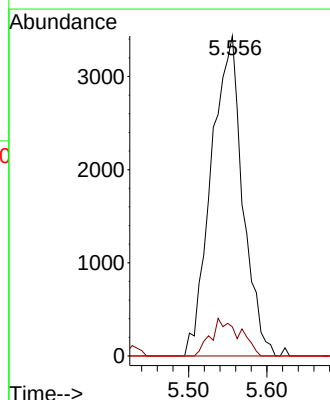
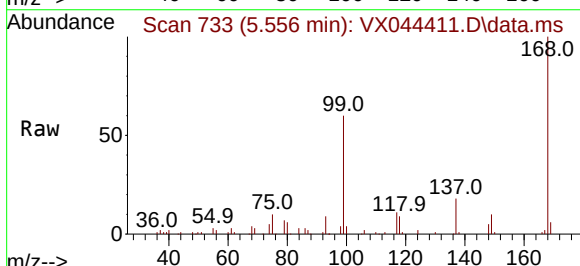
Tgt Ion: 75 Resp: 9611

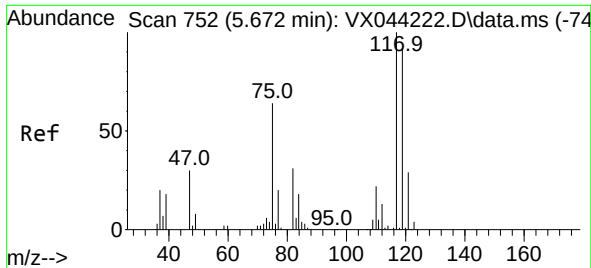
Ion Ratio Lower Upper

75 100

110 10.8 17.3 51.7#

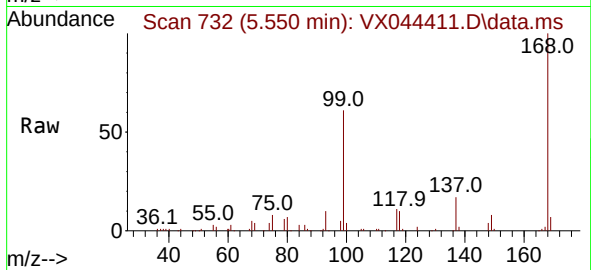
77 0.0 25.4 38.0#



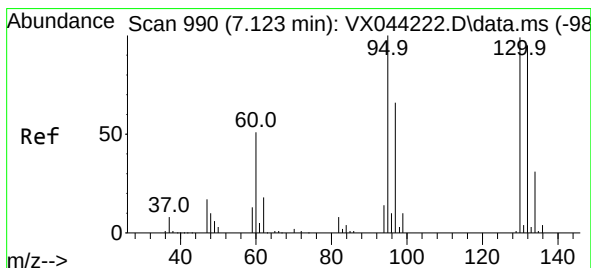
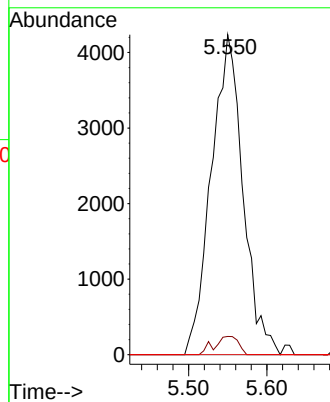
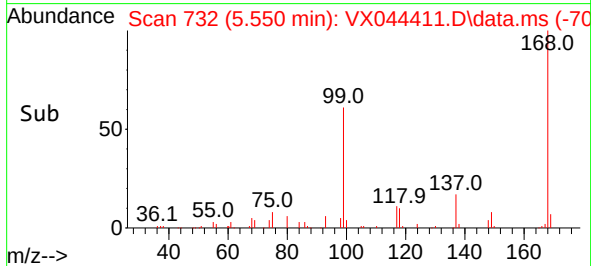


#38
Carbon Tetrachloride
Concen: 6.264 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

Instrument :
MSVOA_X
ClientSampleId :

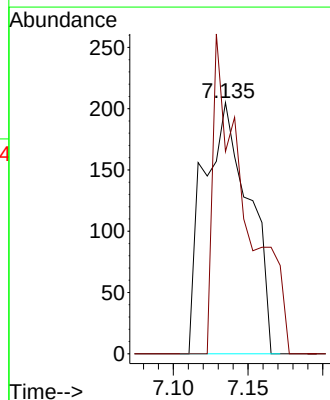
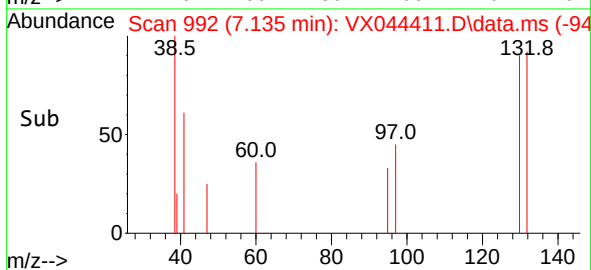
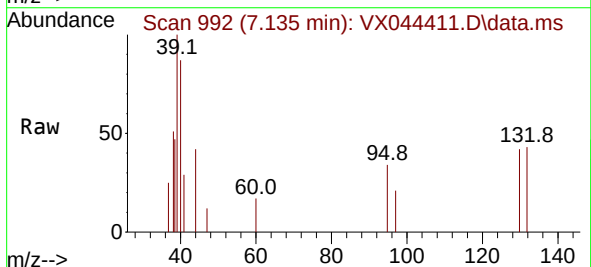


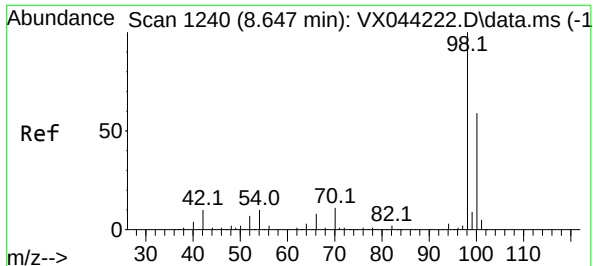
Tgt Ion:117 Resp: 11924
Ion Ratio Lower Upper
117 100
119 5.7 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 0.323 ug/l
RT: 7.135 min Scan# 992
Delta R.T. 0.012 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

Tgt Ion:130 Resp: 433
Ion Ratio Lower Upper
130 100
95 80.5 0.0 201.4

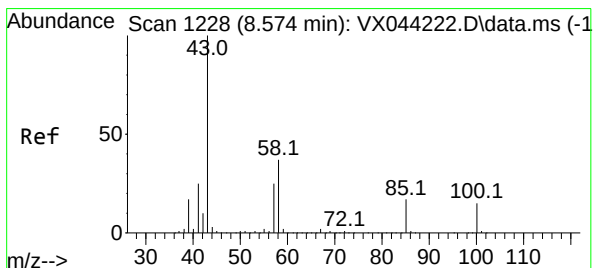
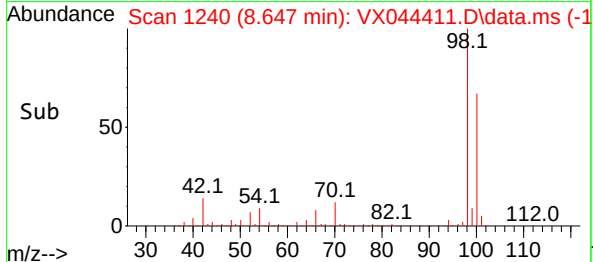
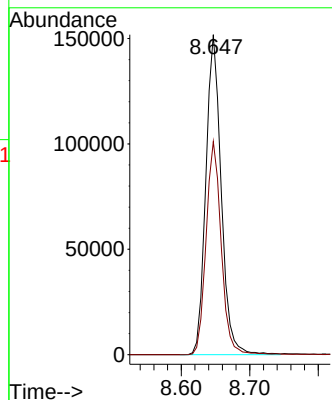
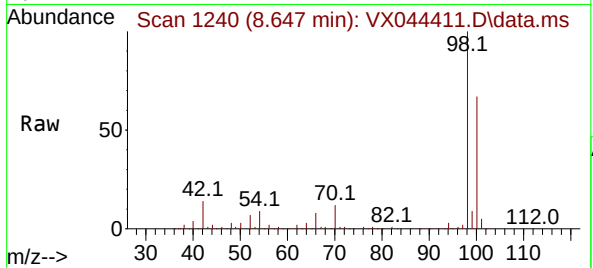




#50
Toluene-d8
Concen: 51.360 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

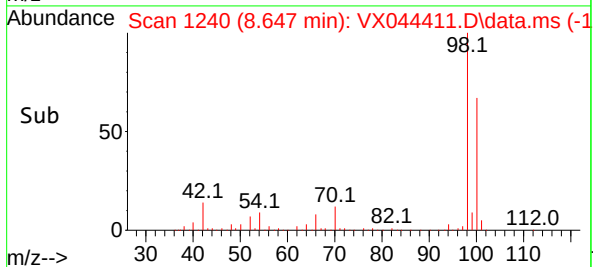
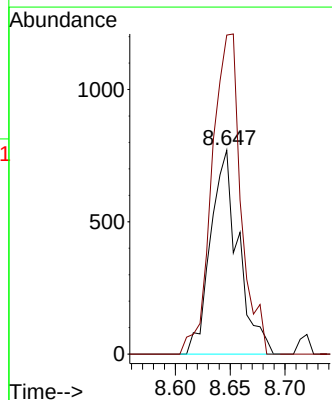
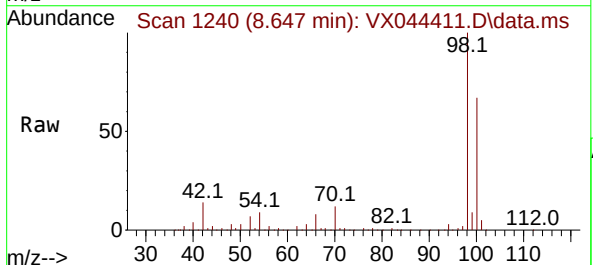
Instrument :
MSVOA_X
ClientSampleId :

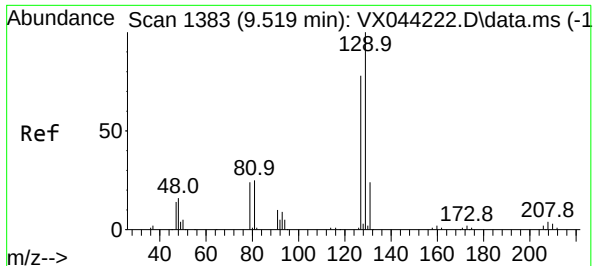
Tgt Ion: 98 Resp: 237009
Ion Ratio Lower Upper
98 100
100 65.7 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.619 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.073 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

Tgt Ion: 43 Resp: 1359
Ion Ratio Lower Upper
43 100
58 164.1 29.4 44.0#

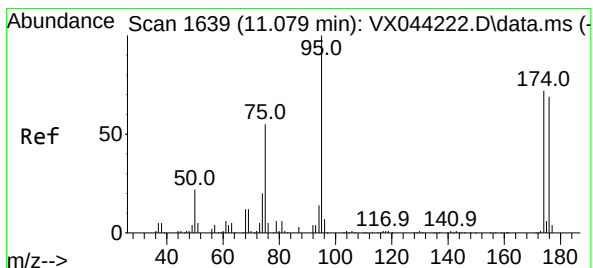
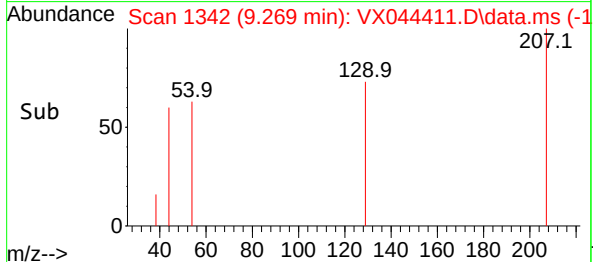
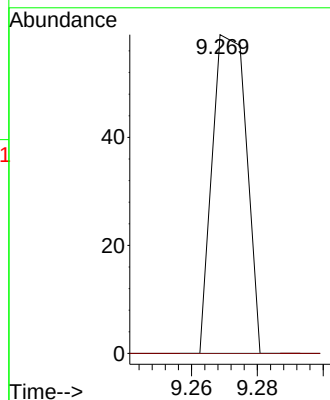
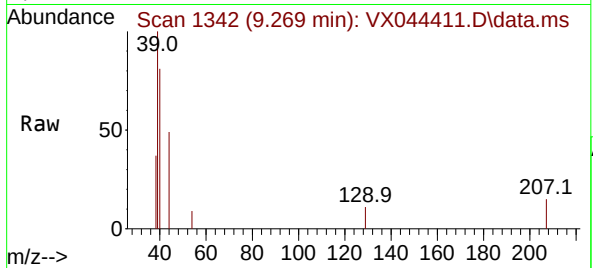




#60
Dibromochloromethane
Concen: 1.261 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

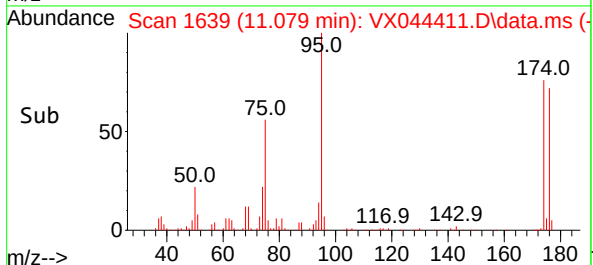
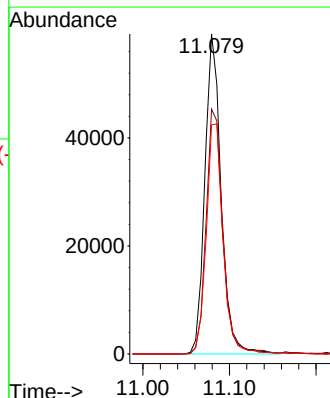
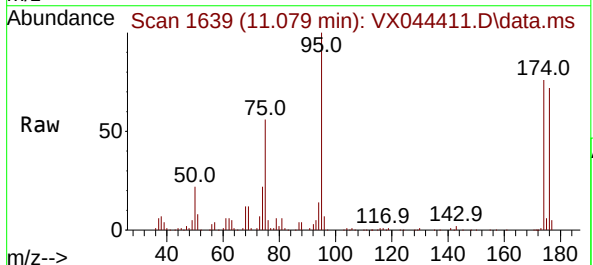
Instrument :
MSVOA_X
ClientSampleId :

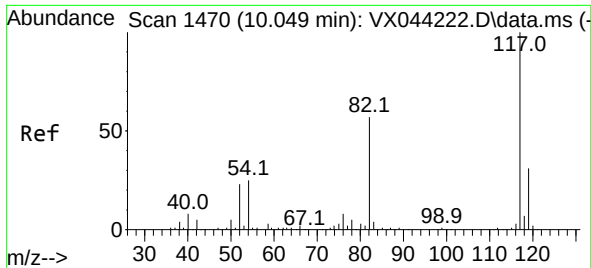
Tgt Ion:129 Resp: 42
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.897 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

Tgt Ion: 95 Resp: 77233
Ion Ratio Lower Upper
95 100
174 79.3 0.0 145.8
176 74.7 0.0 137.8

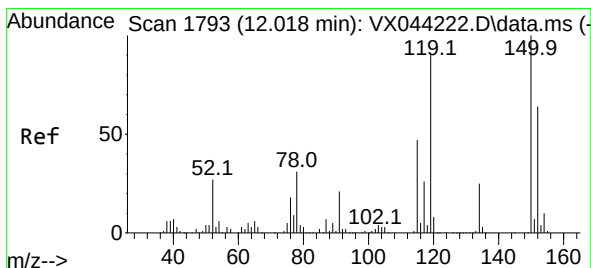
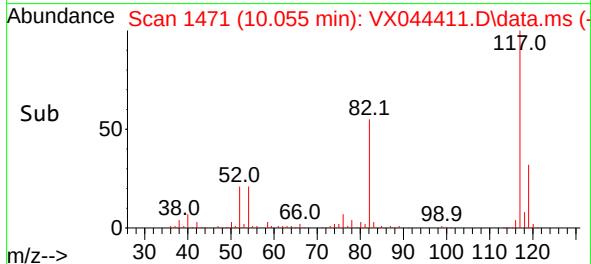
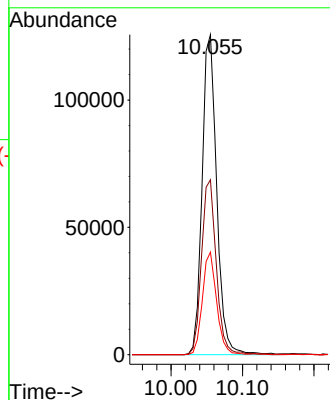
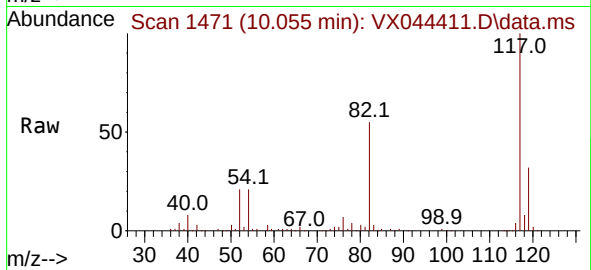




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

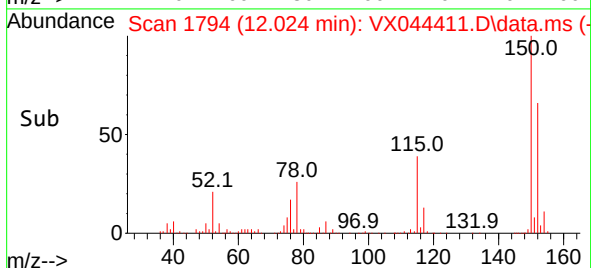
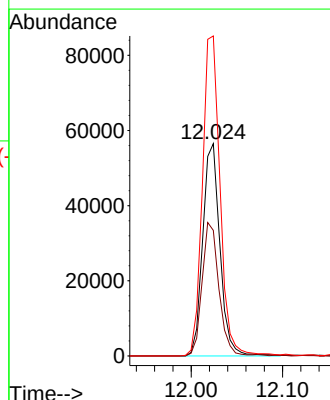
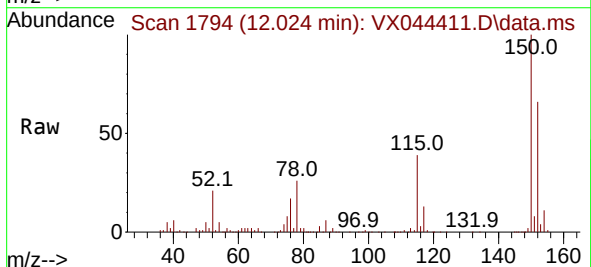
Instrument :
MSVOA_X
ClientSampleId :

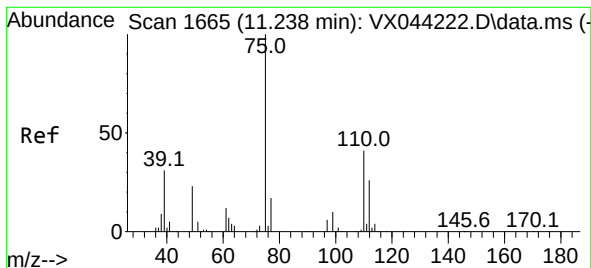
Tgt Ion:117 Resp: 178573
Ion Ratio Lower Upper
117 100
82 54.7 45.8 68.8
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044411.D
Acq: 19 Dec 2024 04:07

Tgt Ion:152 Resp: 73713
Ion Ratio Lower Upper
152 100
115 61.9 44.5 133.3
150 155.2 0.0 353.8





#76

1,2,3-Trichloropropane

Concen: 26.279 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044411.D

Acq: 19 Dec 2024 04:07

Instrument :

MSVOA_X

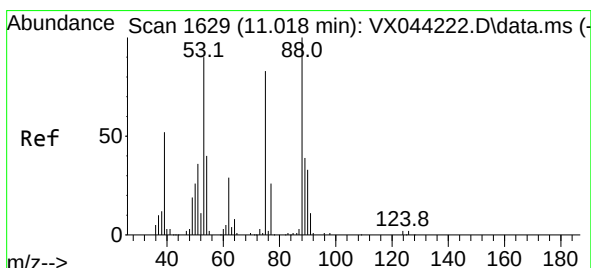
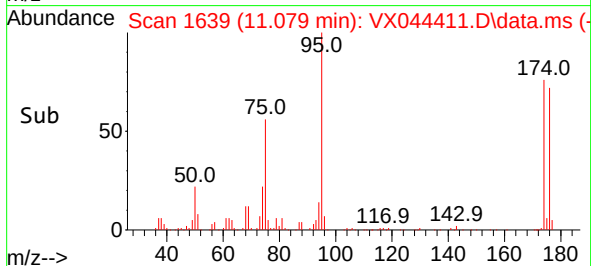
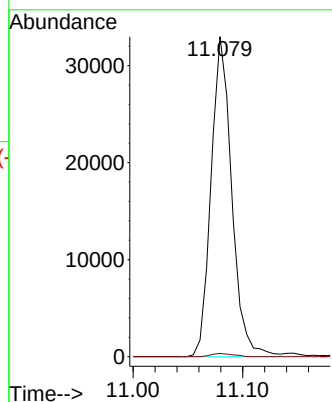
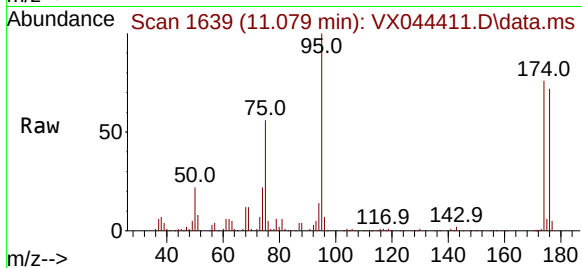
ClientSampleId :

Tgt Ion: 75 Resp: 43251

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 72.480 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044411.D

Acq: 19 Dec 2024 04:07

Tgt Ion: 75 Resp: 43251

Ion Ratio Lower Upper

75 100

53 0.0 93.6 140.4#

89 0.0 37.3 55.9#

