

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121824\
 Data File : VX044409.D
 Acq On : 19 Dec 2024 03:21
 Operator : JC/MD
 Sample : P5317-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20241217

Quant Time: Dec 19 05:09:44 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)

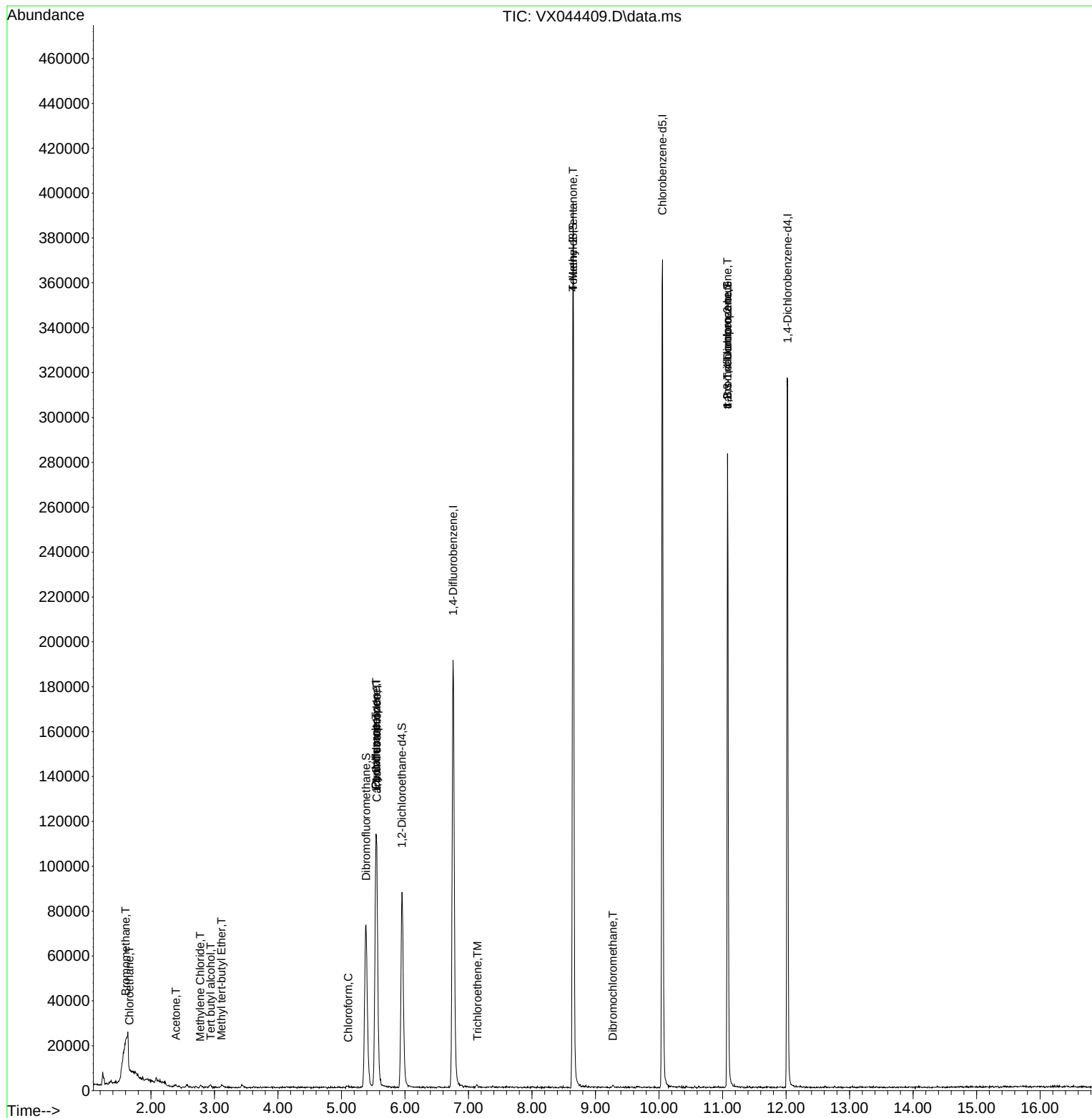
Internal Standards						
1) Pentafluorobenzene	5.544	168	108444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	193059	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169424	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64056	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	83972	44.164	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	88.320%		
35) Dibromofluoromethane	5.385	113	63844	47.748	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.500%		
50) Toluene-d8	8.647	98	230393	51.073	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.140%		
62) 4-Bromofluorobenzene	11.079	95	71908	45.619	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.240%		
Target Compounds					Qvalue	
5) Bromomethane	1.599	94	239	0.202	ug/l #	47
6) Chloroethane	1.660	64	287	0.276	ug/l #	41
11) Tert butyl alcohol	2.941	59	280	1.045	ug/l #	71
16) Acetone	2.392	43	925	1.193	ug/l	96
19) Methyl tert-butyl Ether	3.111	73	1120	0.236	ug/l #	83
20) Methylene Chloride	2.776	84	499	0.343	ug/l #	82
30) Chloroform	5.105	83	687	0.241	ug/l	85
31) Cyclohexane	5.544	56	2731	1.331	ug/l #	32
36) 1,1-Dichloropropene	5.550	75	9787	5.662	ug/l #	49
38) Carbon Tetrachloride	5.556	117	11783	6.332	ug/l #	17
44) Trichloroethene	7.141	130	354	0.271	ug/l	89
51) 4-Methyl-2-Pentanone	8.647	43	1275	0.594	ug/l #	1
60) Dibromochloromethane	9.275	129	198	1.377	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	38887	27.190	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	38887	74.798	ug/l #	4

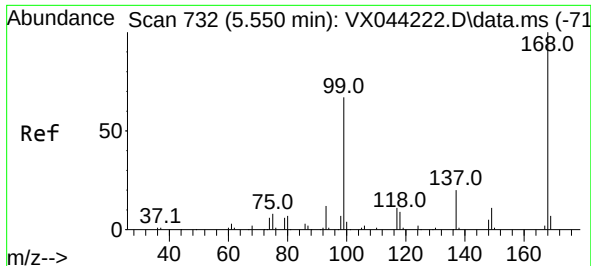
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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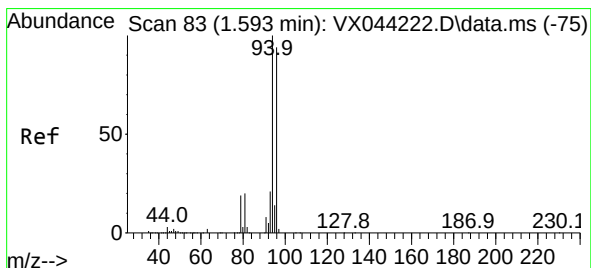
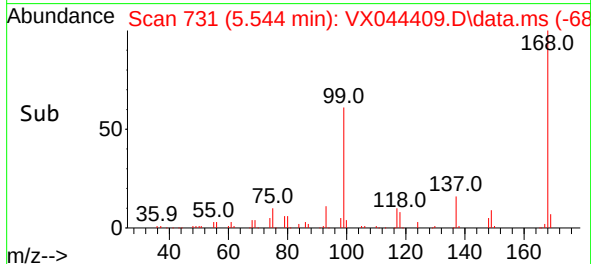
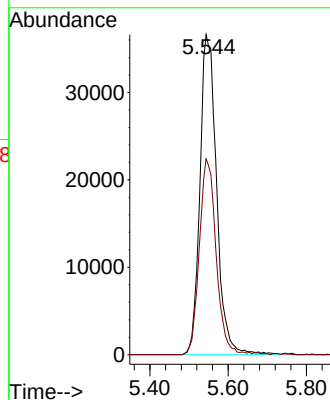
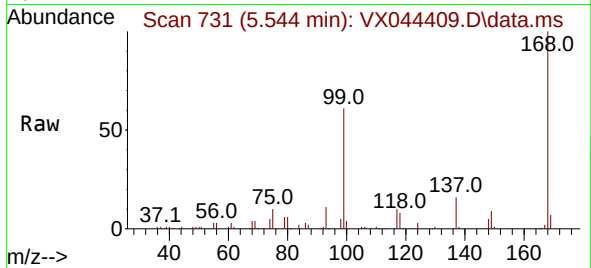




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

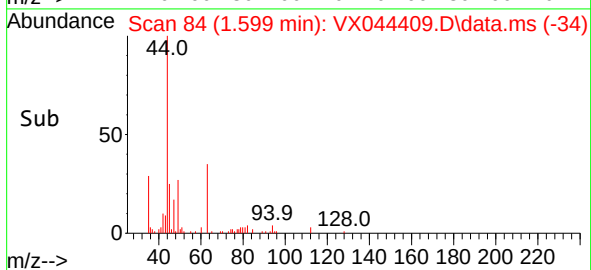
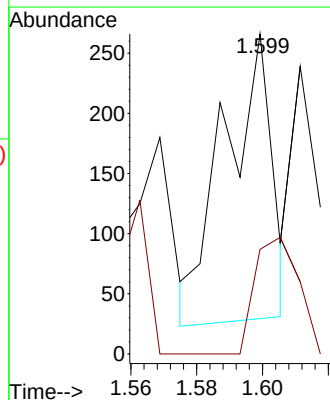
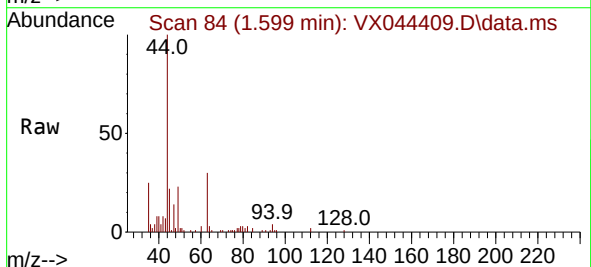
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20241217

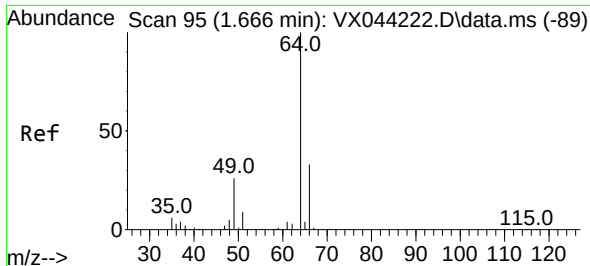
Tgt Ion:168 Resp: 108444
Ion Ratio Lower Upper
168 100
99 61.2 53.4 80.0



#5
Bromomethane
Concen: 0.202 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

Tgt Ion: 94 Resp: 239
Ion Ratio Lower Upper
94 100
96 42.2 74.9 112.3#

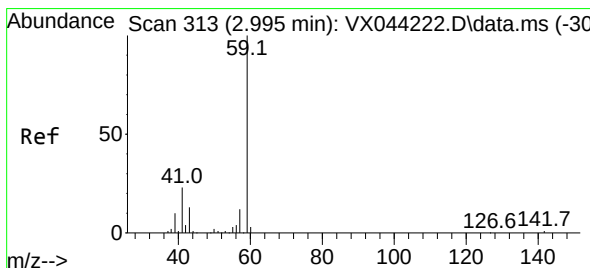
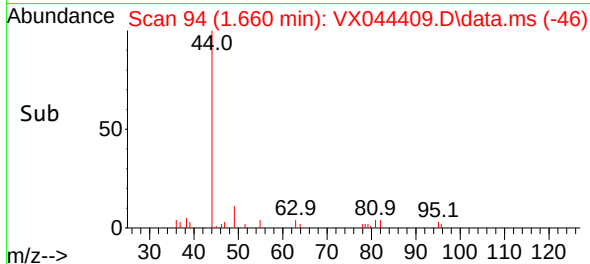
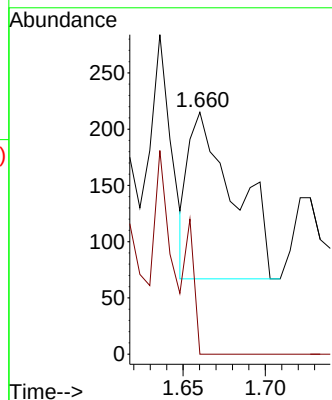
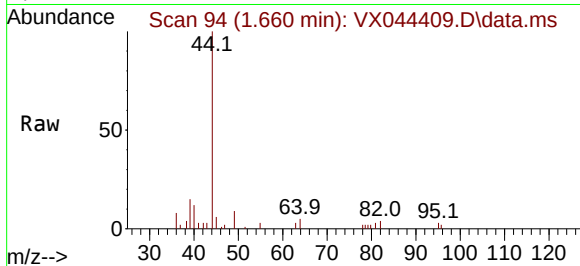




#6
Chloroethane
Concen: 0.276 ug/l
RT: 1.660 min Scan# 94
Delta R.T. -0.006 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

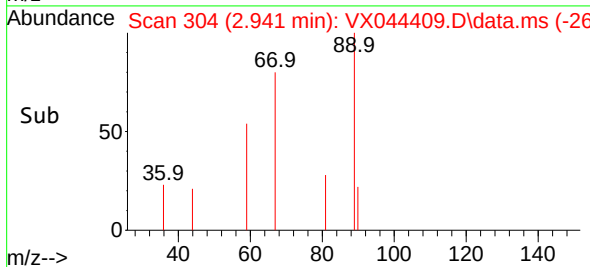
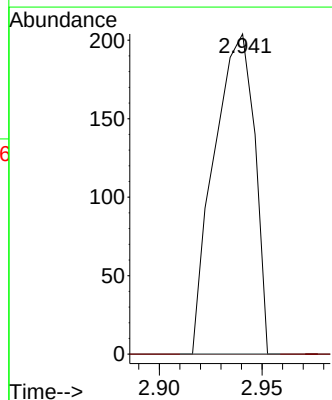
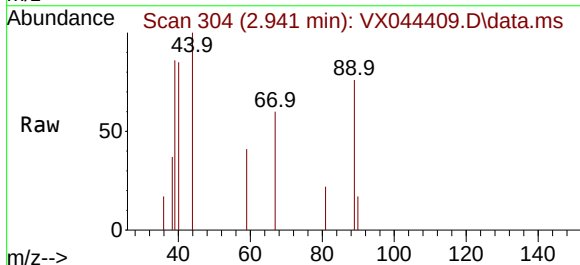
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20241217

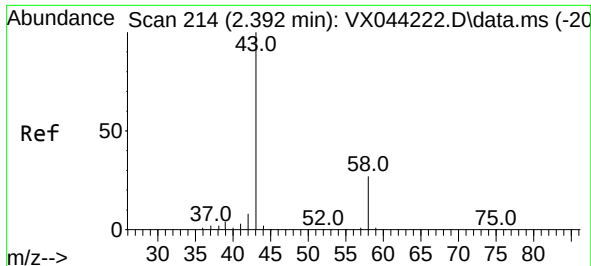
Tgt Ion: 64 Resp: 287
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 1.045 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

Tgt Ion: 59 Resp: 280
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

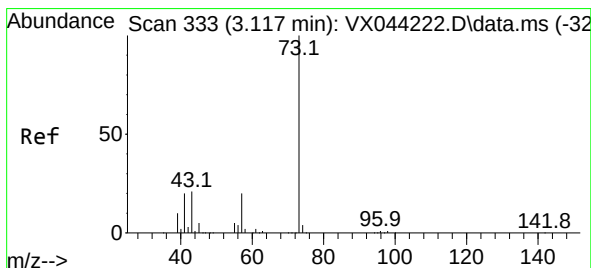
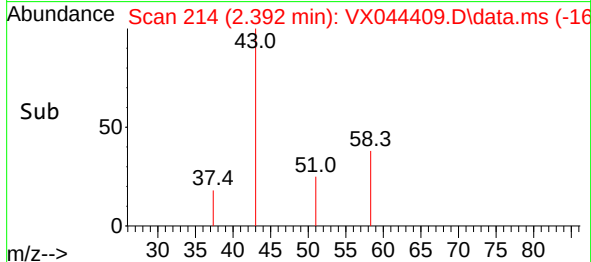
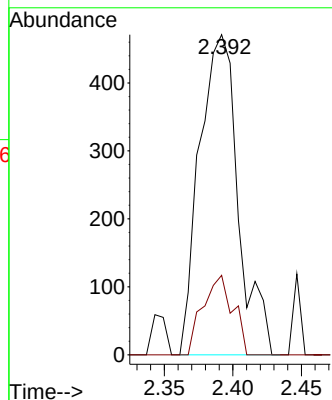
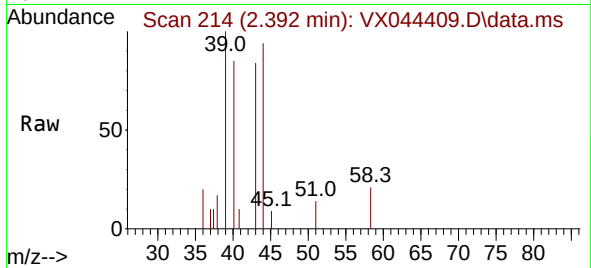




#16
Acetone
Concen: 1.193 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

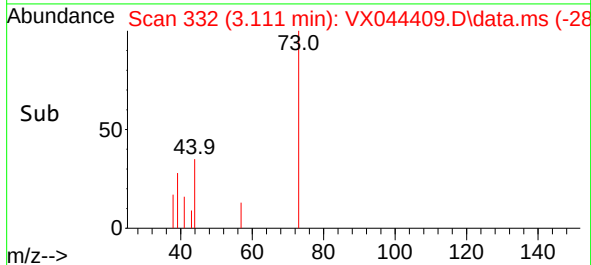
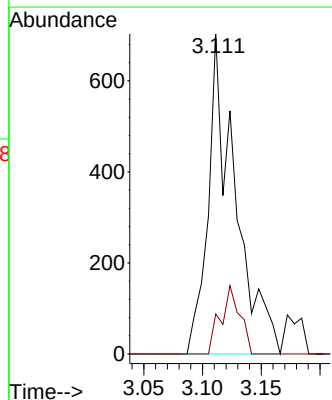
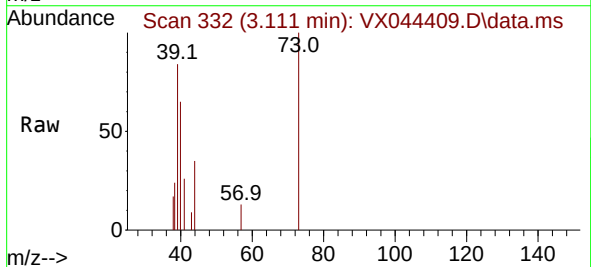
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20241217

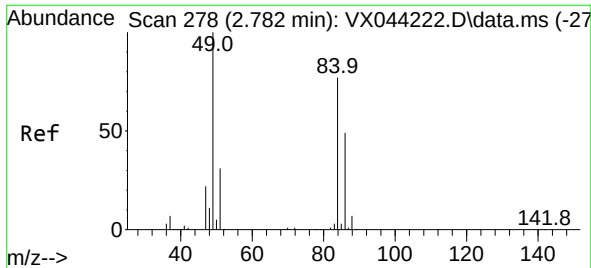
Tgt Ion: 43 Resp: 925
Ion Ratio Lower Upper
43 100
58 24.8 21.6 32.4



#19
Methyl tert-butyl Ether
Concen: 0.236 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.006 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

Tgt Ion: 73 Resp: 1120
Ion Ratio Lower Upper
73 100
57 12.5 16.2 24.4#

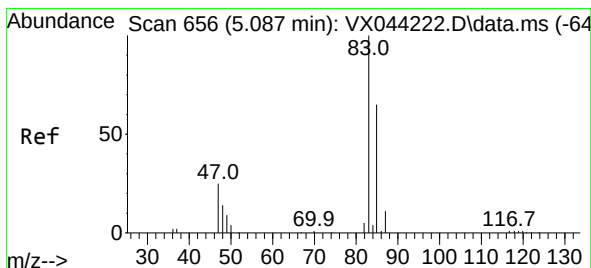
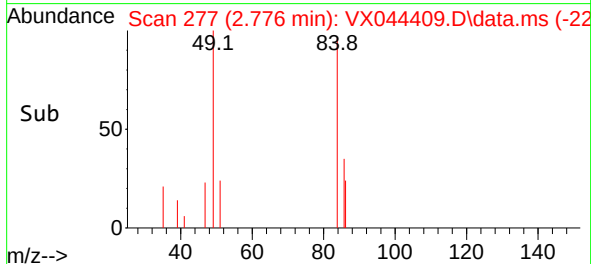
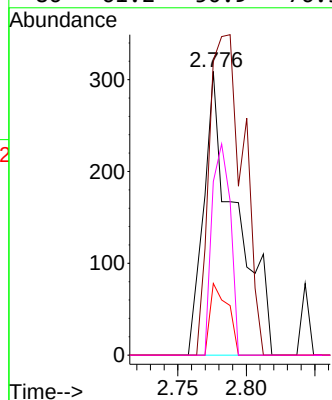
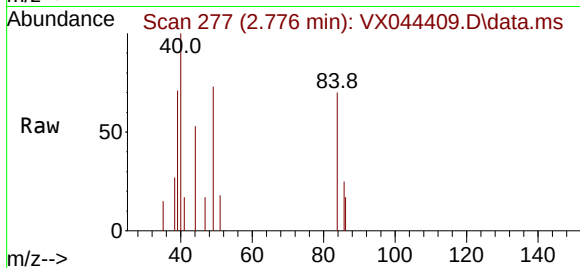




#20
Methylene Chloride
Concen: 0.343 ug/l
RT: 2.776 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

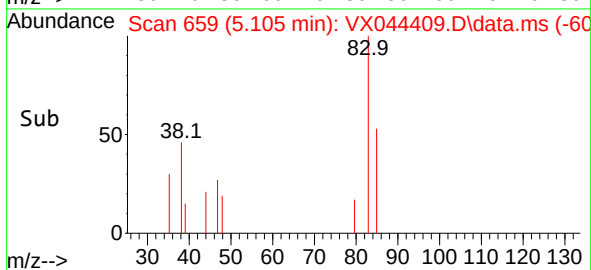
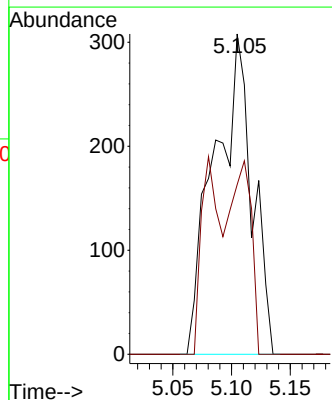
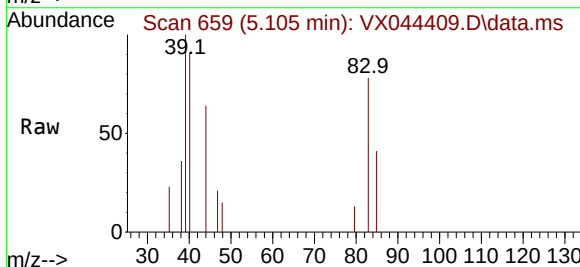
Instrument :
MSVOA_X
ClientSampleId :
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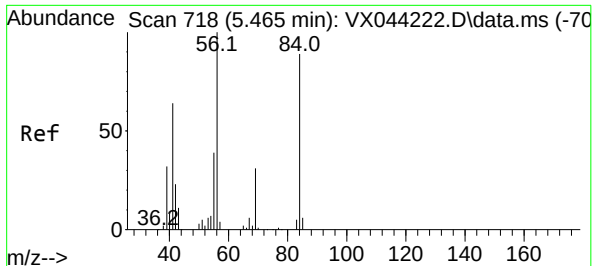
Tgt Ion:	84	Resp:	499
Ion	Ratio	Lower	Upper
84	100		
49	103.9	104.2	156.4#
51	25.2	32.2	48.4#
86	61.2	50.9	76.3



#30
Chloroform
Concen: 0.241 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.018 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

Tgt Ion:	83	Resp:	687
Ion	Ratio	Lower	Upper
83	100		
85	52.9	51.6	77.4

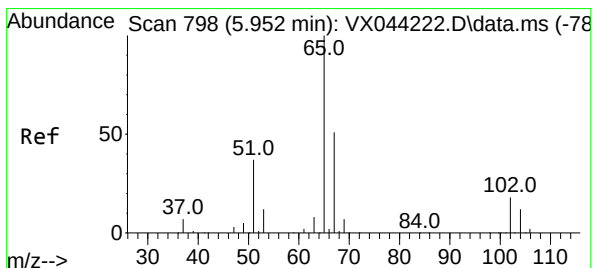
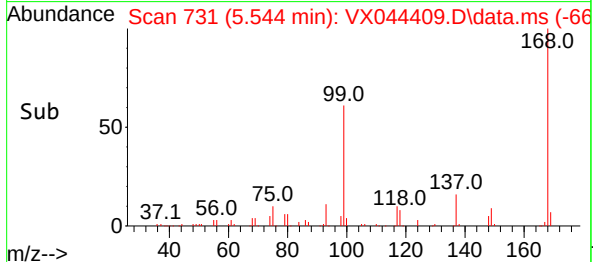
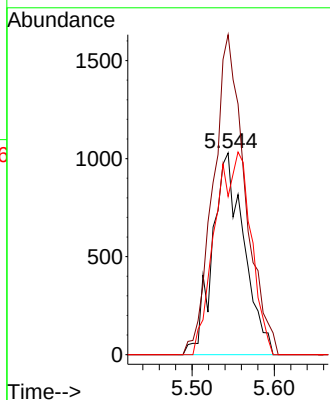
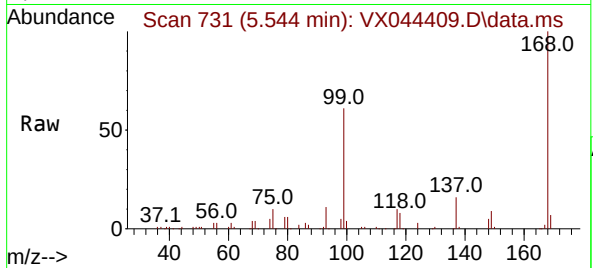




#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.544 min Scan# 718
Delta R.T. 0.079 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

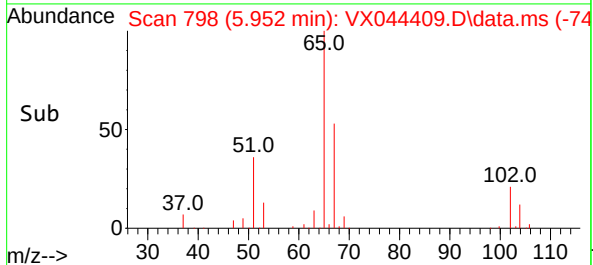
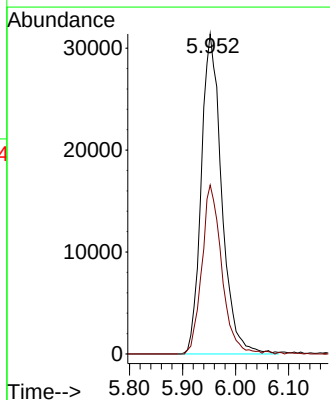
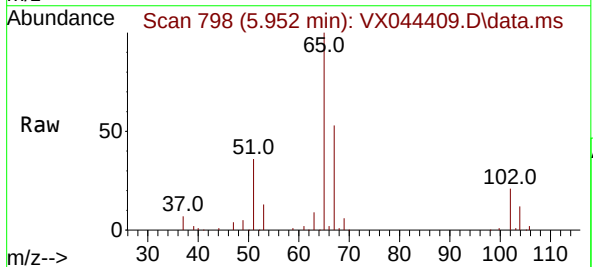
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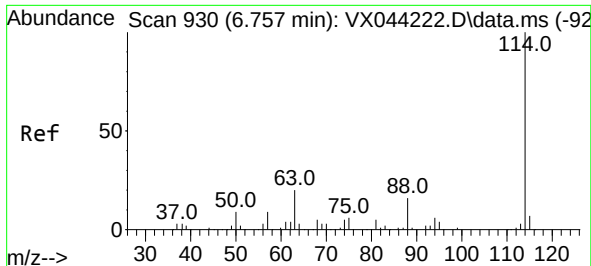
Tgt Ion: 56 Resp: 2731
Ion Ratio Lower Upper
56 100
69 158.6 24.7 37.1#
84 78.4 71.0 106.6



#33
1,2-Dichloroethane-d4
Concen: 44.164 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

Tgt Ion: 65 Resp: 83972
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.6

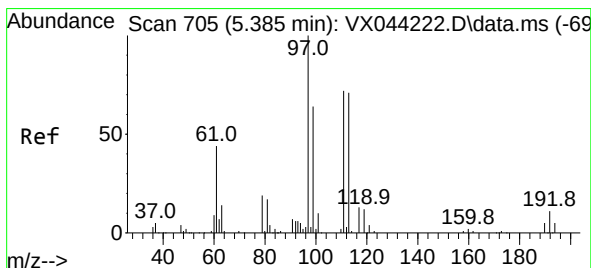
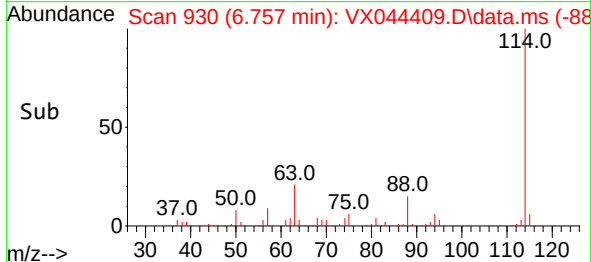
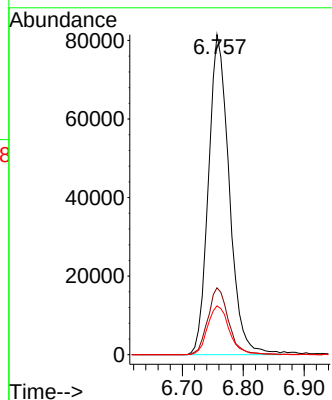
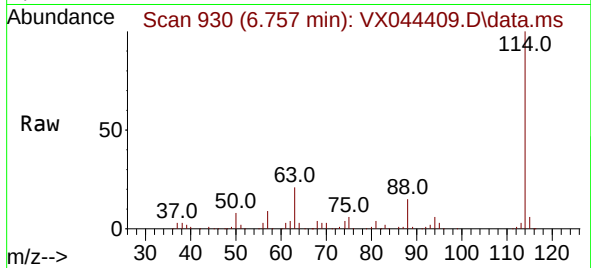




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

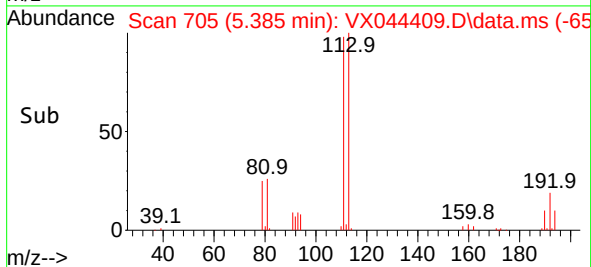
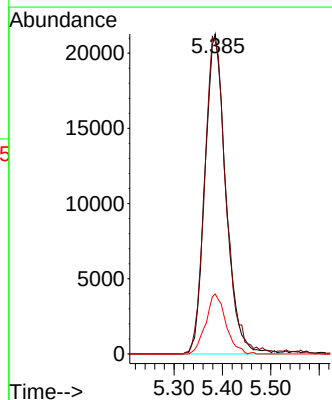
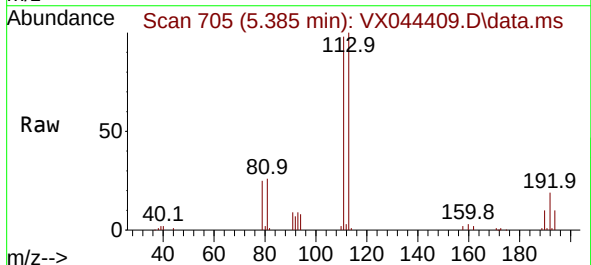
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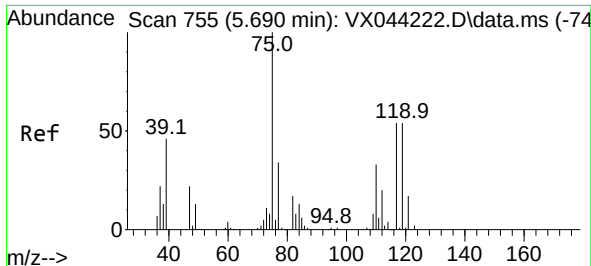
Tgt Ion:114 Resp: 193059
Ion Ratio Lower Upper
114 100
63 20.9 0.0 40.6
88 15.3 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.748 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

Tgt Ion:113 Resp: 63844
Ion Ratio Lower Upper
113 100
111 101.3 80.4 120.6
192 17.9 13.3 19.9

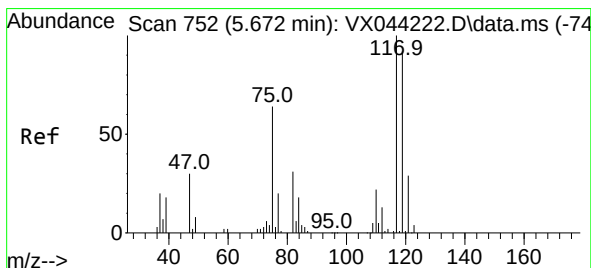
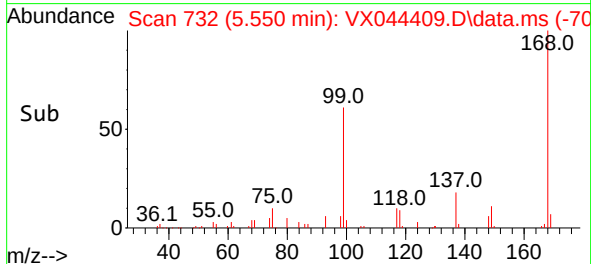
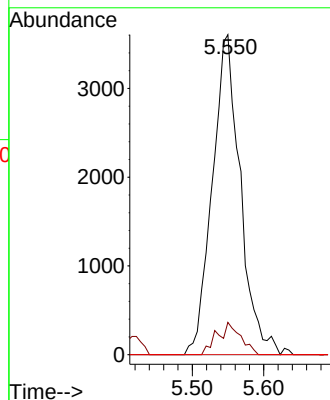
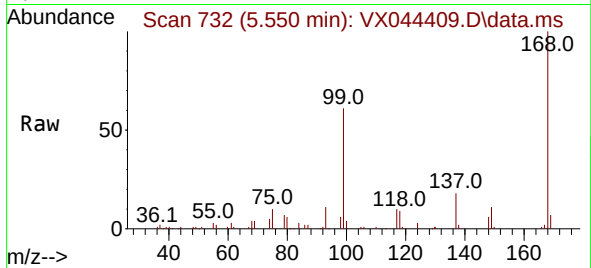




#36
1,1-Dichloropropene
Concen: 5.662 ug/l
RT: 5.550 min Scan# 714
Delta R.T. -0.140 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

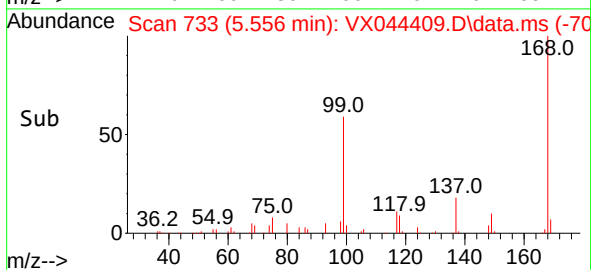
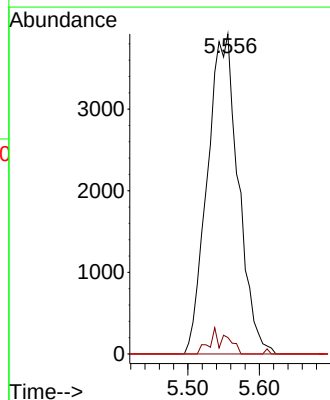
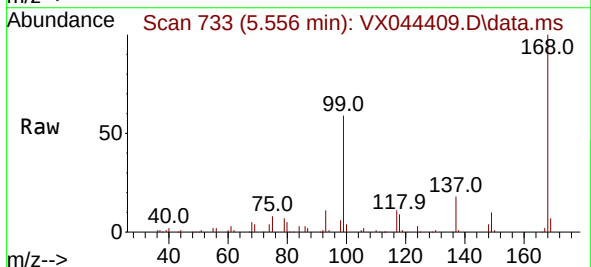
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20241217

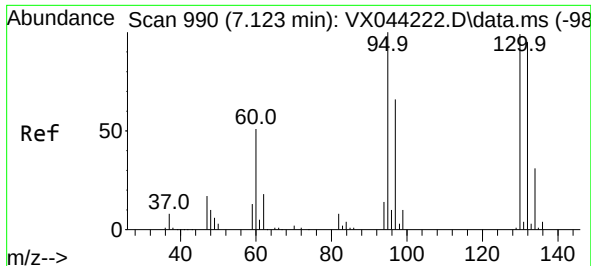
Tgt Ion: 75 Resp: 9787
Ion Ratio Lower Upper
75 100
110 8.4 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.332 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.116 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

Tgt Ion: 117 Resp: 11783
Ion Ratio Lower Upper
117 100
119 5.1 74.2 111.4#
121 0.0 23.0 34.6#

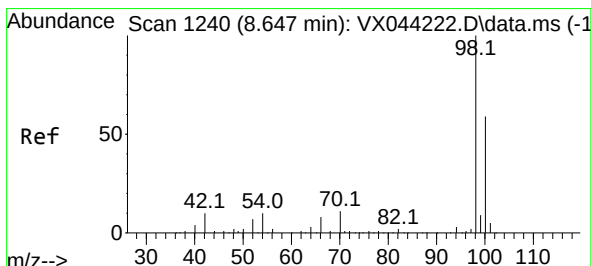
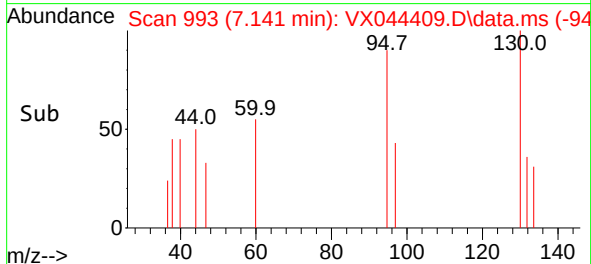
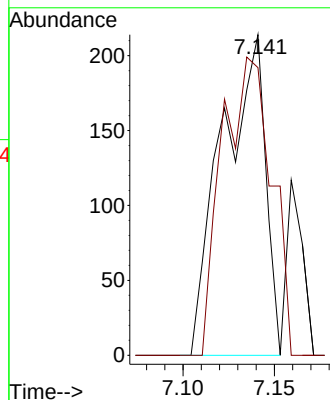
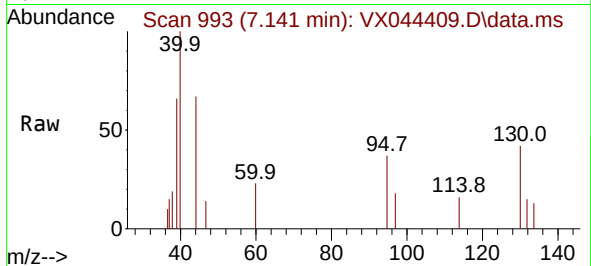




#44
Trichloroethene
Concen: 0.271 ug/l
RT: 7.141 min Scan# 99
Delta R.T. 0.018 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

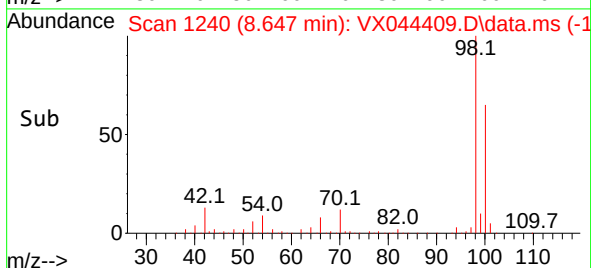
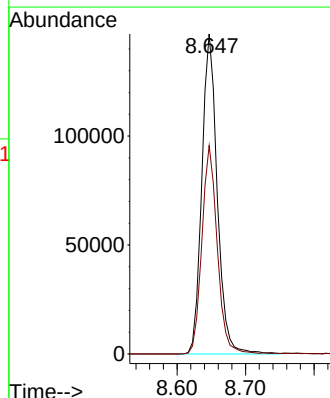
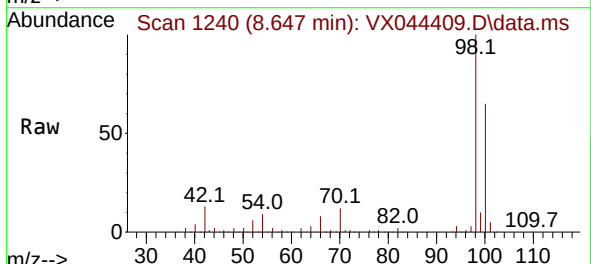
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20241217

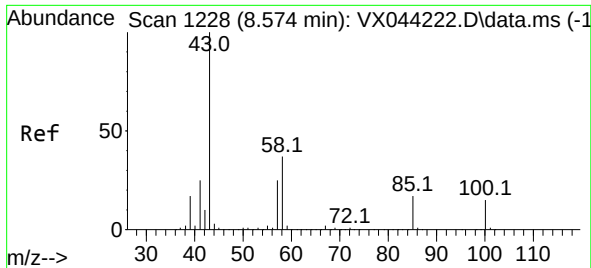
Tgt Ion:130 Resp: 354
Ion Ratio Lower Upper
130 100
95 89.7 0.0 201.4



#50
Toluene-d8
Concen: 51.073 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

Tgt Ion: 98 Resp: 230393
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3

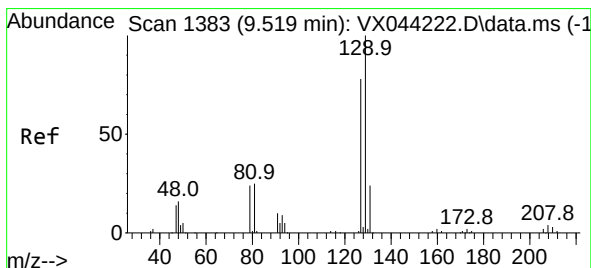
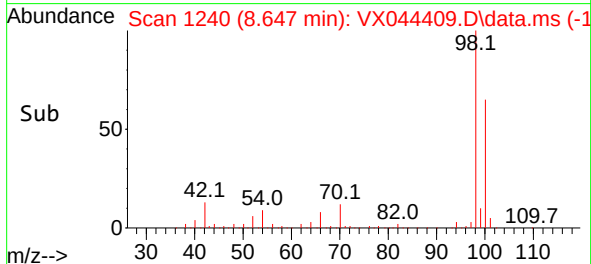
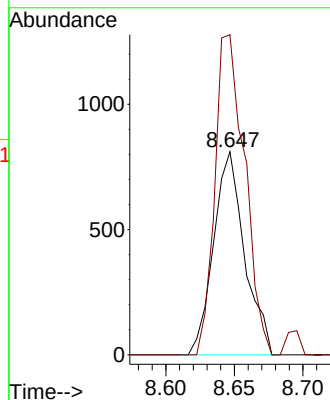
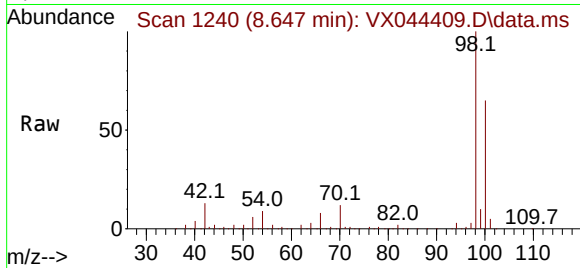




#51
4-Methyl-2-Pentanone
Concen: 0.594 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.073 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

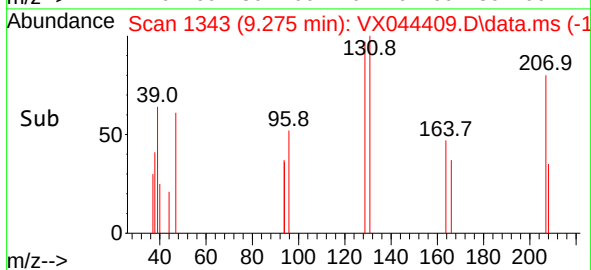
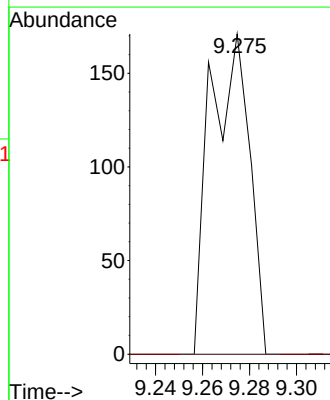
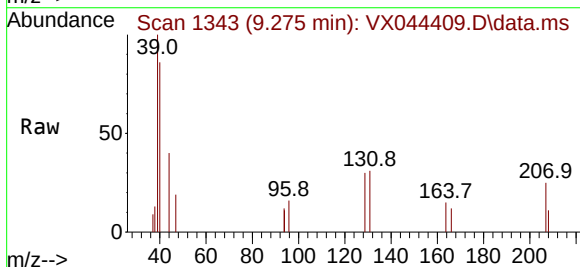
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20241217

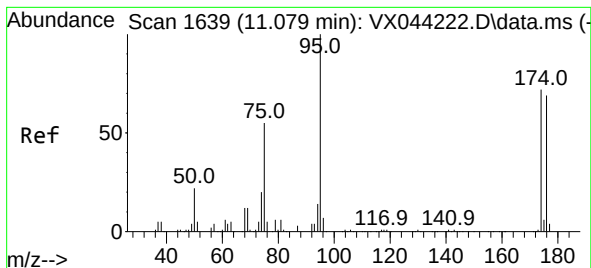
Tgt Ion: 43 Resp: 1275
Ion Ratio Lower Upper
43 100
58 151.8 29.4 44.0#



#60
Dibromochloromethane
Concen: 1.377 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

Tgt Ion: 129 Resp: 198
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#

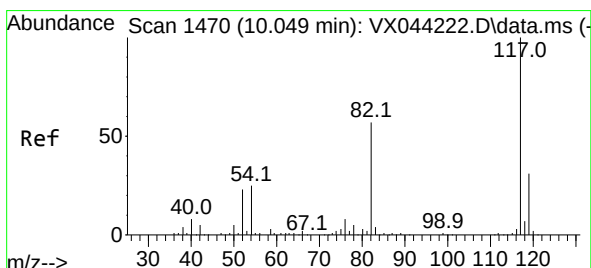
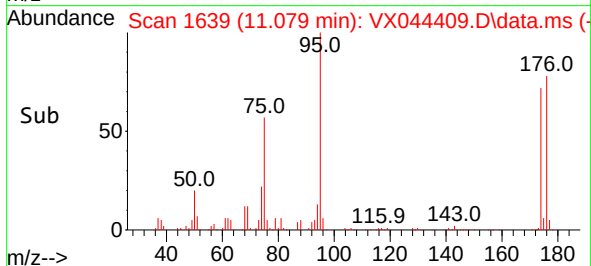
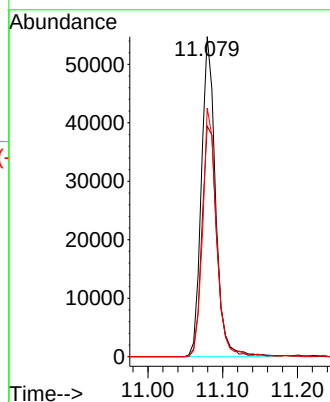
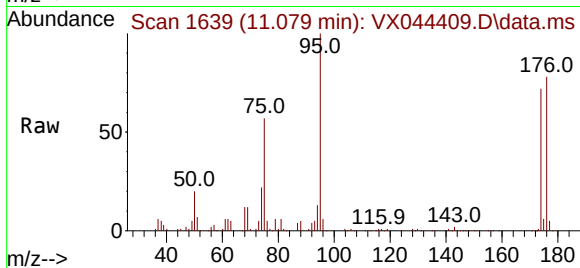




#62
4-Bromofluorobenzene
Concen: 45.619 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

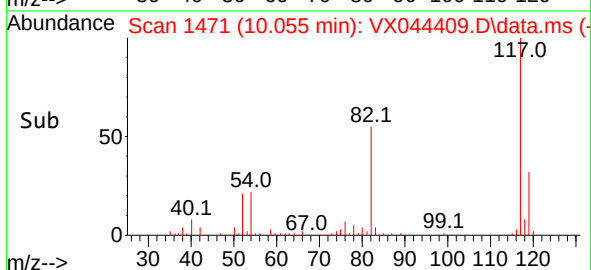
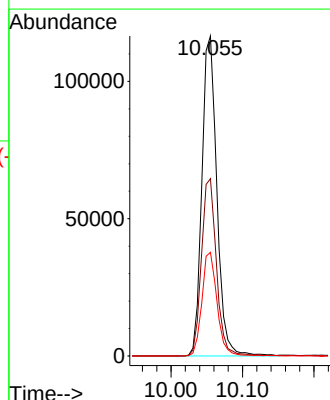
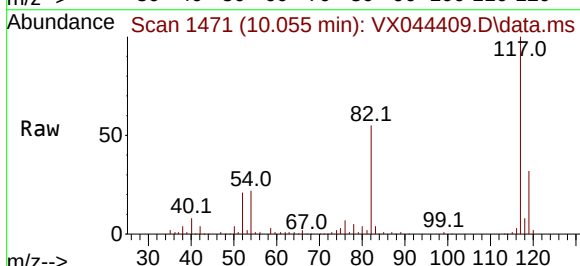
Instrument :
MSVOA_X
ClientSampleId :
TT15811-20241217

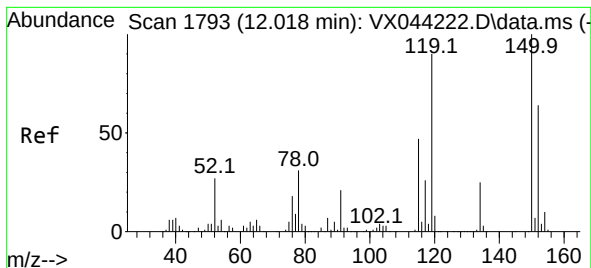
Tgt Ion: 95 Resp: 71908
Ion Ratio Lower Upper
95 100
174 76.1 0.0 145.8
176 75.3 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044409.D
Acq: 19 Dec 2024 03:21

Tgt Ion: 117 Resp: 169424
Ion Ratio Lower Upper
117 100
82 55.4 45.8 68.8
119 32.4 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX044409.D

Acq: 19 Dec 2024 03:21

Instrument :

MSVOA_X

ClientSampleId :

TT15811-20241217

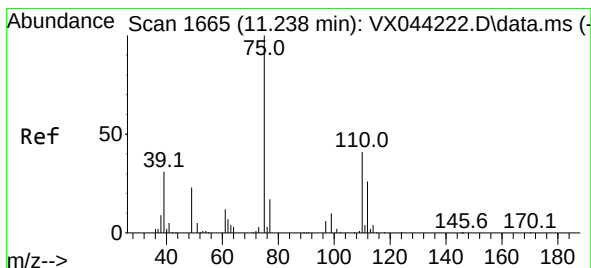
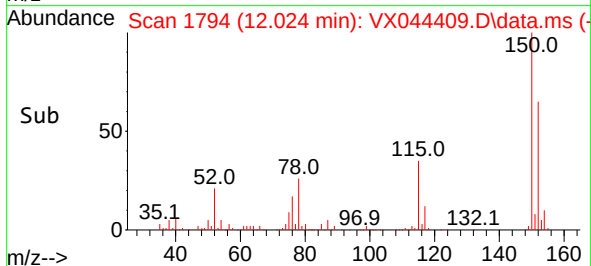
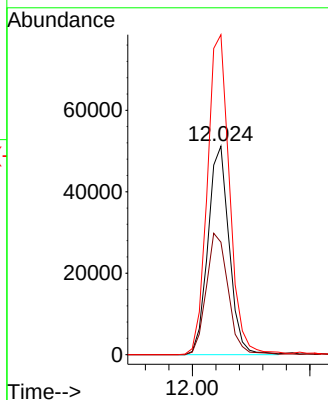
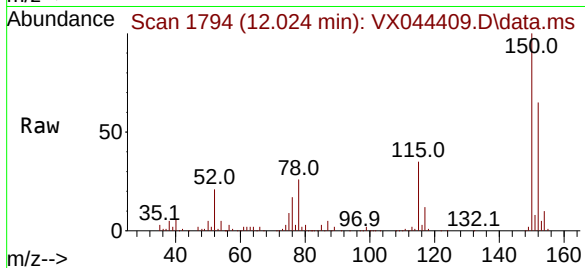
Tgt Ion:152 Resp: 64056

Ion Ratio Lower Upper

152 100

115 60.3 44.5 133.3

150 160.6 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 27.190 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044409.D

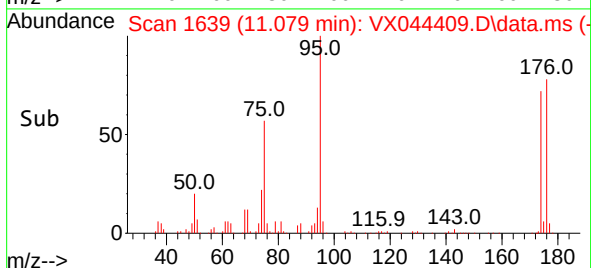
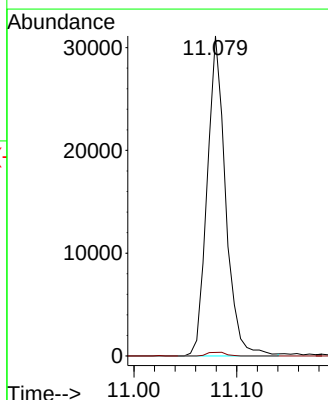
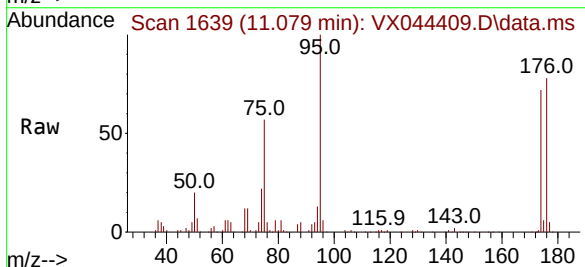
Acq: 19 Dec 2024 03:21

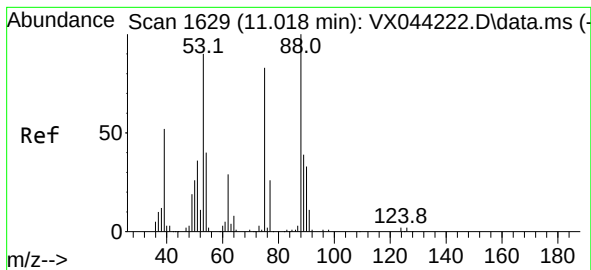
Tgt Ion: 75 Resp: 38887

Ion Ratio Lower Upper

75 100

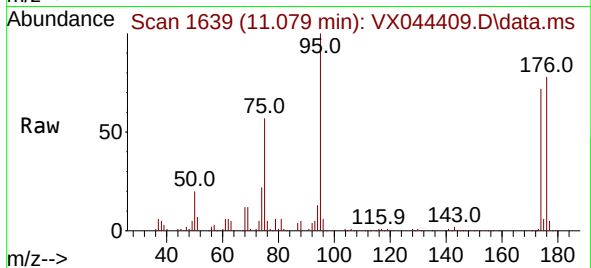
77 1.2 20.9 62.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.798 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX044409.D
 Acq: 19 Dec 2024 03:21

Instrument :
 MSVOA_X
 ClientSampleId :
 TT15811-20241217



Tgt Ion: 75 Resp: 38887
 Ion Ratio Lower Upper
 75 100
 53 0.0 93.6 140.4#
 89 0.1 37.3 55.9#

