

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
 Data File : VX044589.D
 Acq On : 06 Jan 2025 12:46
 Operator : JC/MD
 Sample : Q1004-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 06 16:03:37 2025
 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	134340	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	229618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	200545	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	84064	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.946	65	103245	43.833	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.660%
35) Dibromofluoromethane	5.379	113	83751	52.663	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.320%
50) Toluene-d8	8.647	98	292767	54.567	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	109.140%
62) 4-Bromofluorobenzene	11.079	95	93424	49.833	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	99.660%

Target Compounds

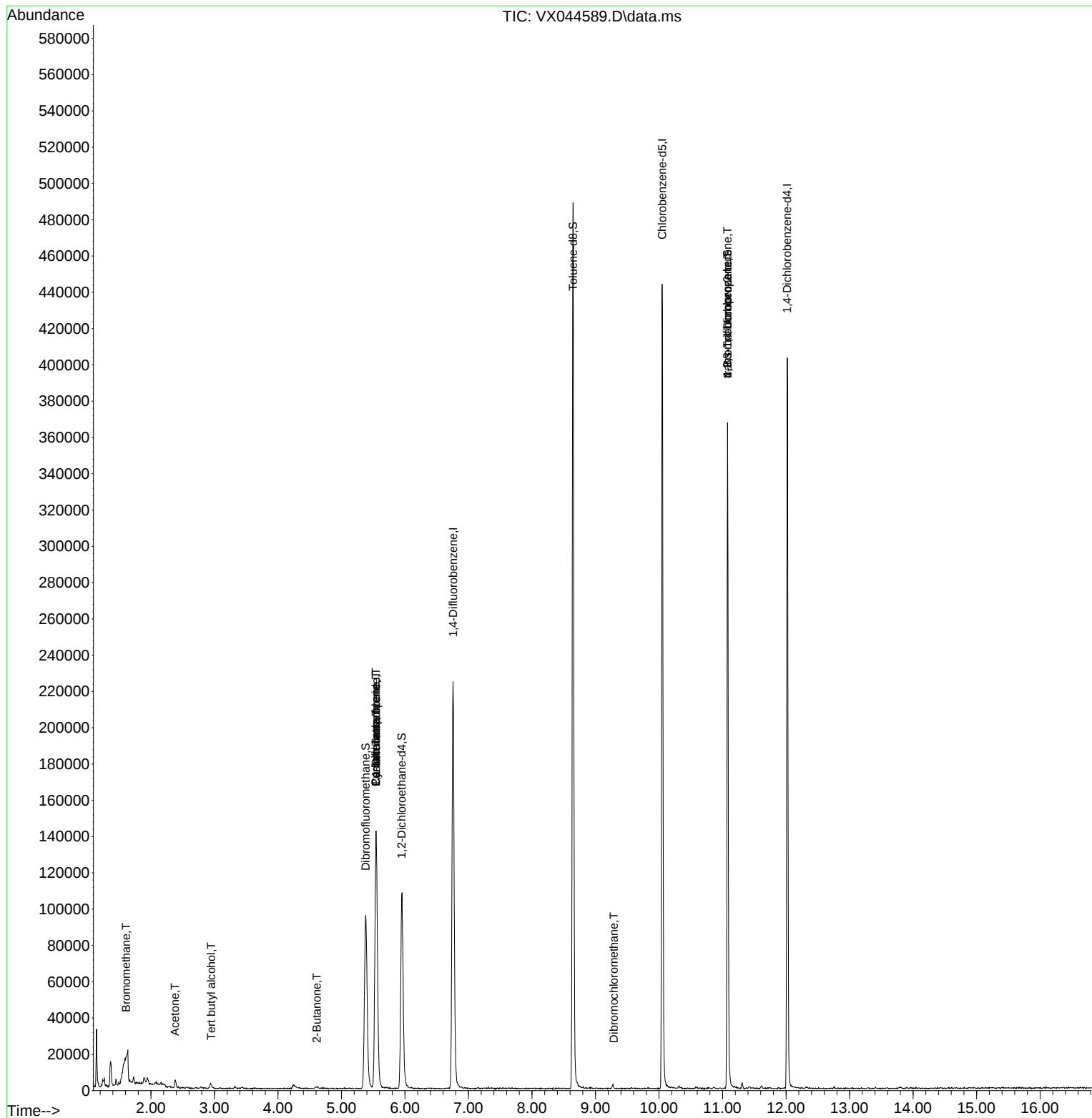
						Qvalue
5) Bromomethane	1.605	94	581	0.396	ug/l #	69
11) Tert butyl alcohol	2.947	59	1500	4.519	ug/l #	71
16) Acetone	2.380	43	4843	5.043	ug/l	96
25) 2-Butanone	4.611	43	1729	1.267	ug/l #	64
31) Cyclohexane	5.544	56	3196	1.257	ug/l #	57
36) 1,1-Dichloropropene	5.544	75	11222	5.459	ug/l #	47
38) Carbon Tetrachloride	5.544	117	13943	6.300	ug/l #	19
60) Dibromochloromethane	9.287	129	32	1.251	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	51287	27.325	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	51287	75.142	ug/l #	4

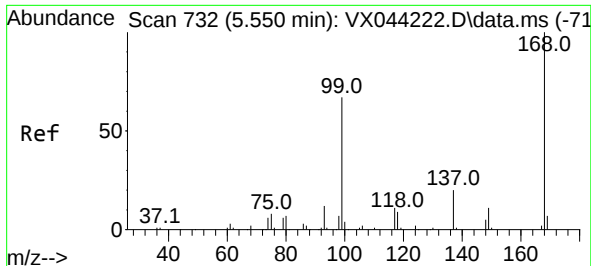
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX010625\
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ClientSampleId :

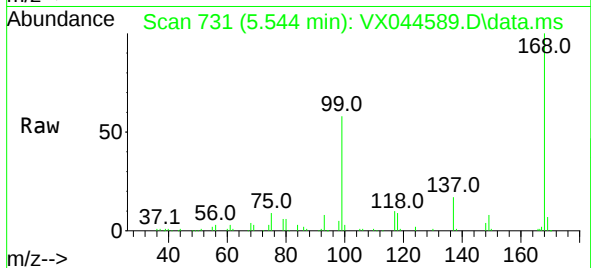
Quant Time: Jan 06 16:03:37 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



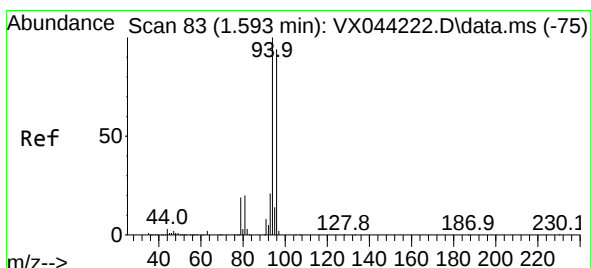
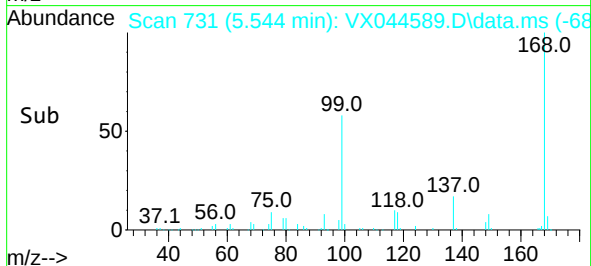
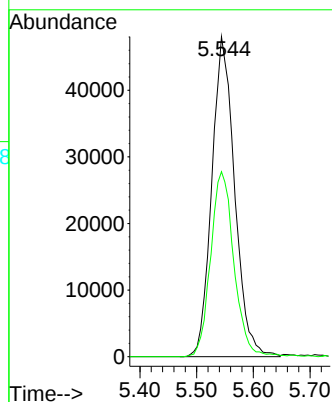


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044589.D
Acq: 06 Jan 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :

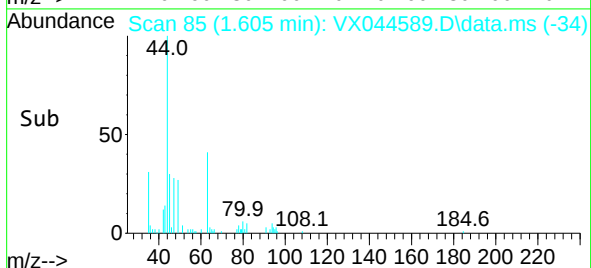
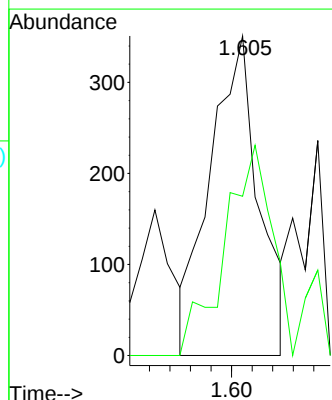
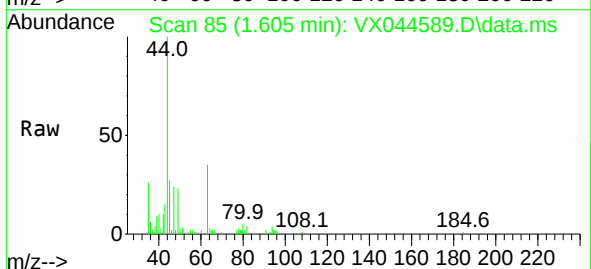


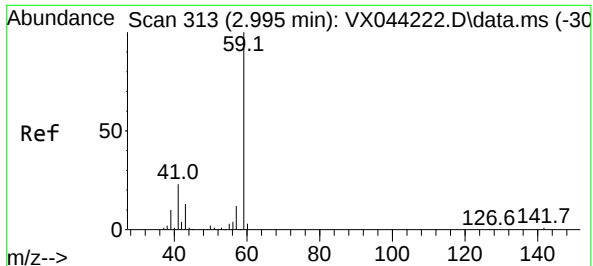
Tgt Ion:168 Resp: 134340
Ion Ratio Lower Upper
168 100
99 57.8 53.4 80.0



#5
Bromomethane
Concen: 0.396 ug/l
RT: 1.605 min Scan# 85
Delta R.T. 0.012 min
Lab File: VX044589.D
Acq: 06 Jan 2025 12:46

Tgt Ion: 94 Resp: 581
Ion Ratio Lower Upper
94 100
96 63.4 74.9 112.3#





#11

Tert butyl alcohol

Concen: 4.519 ug/l

RT: 2.947 min Scan# 305

Delta R.T. -0.049 min

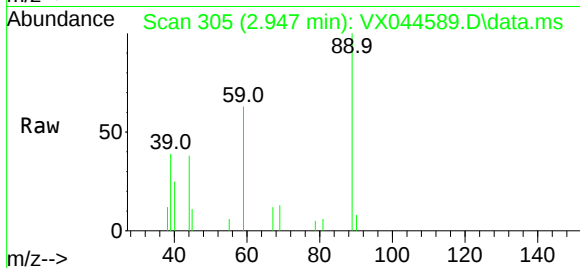
Lab File: VX044589.D

Acq: 06 Jan 2025 12:46

Instrument :

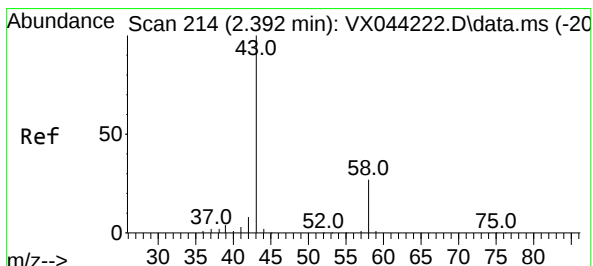
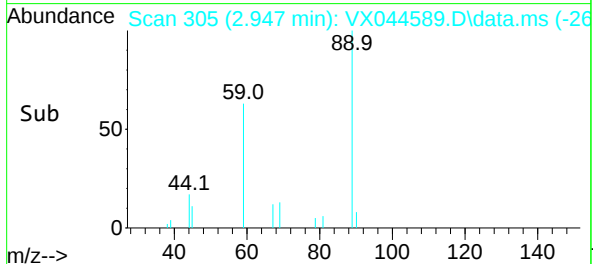
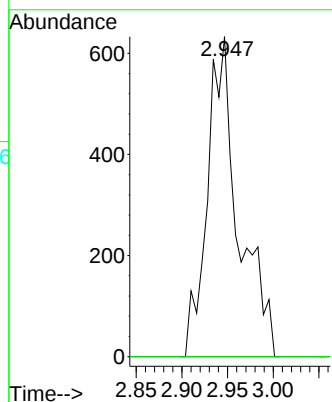
MSVOA_X

ClientSampleId :



Tgt Ion: 59 Resp: 1500

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#



#16

Acetone

Concen: 5.043 ug/l

RT: 2.380 min Scan# 212

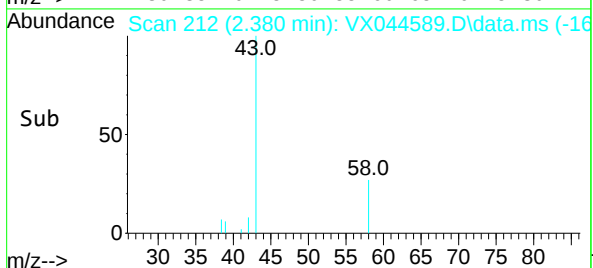
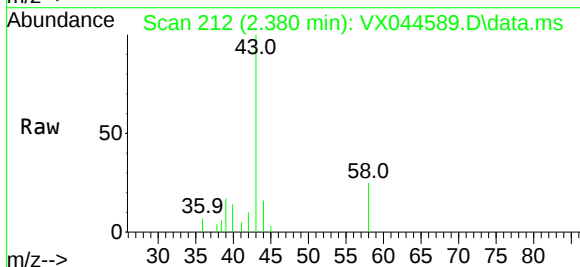
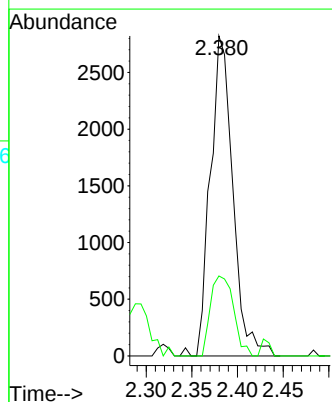
Delta R.T. -0.012 min

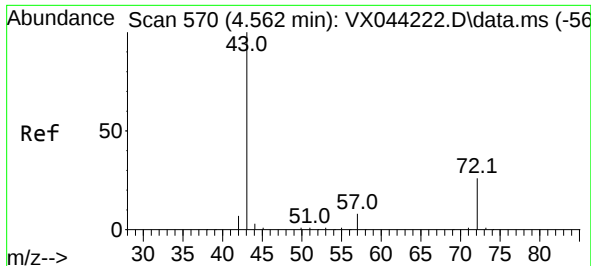
Lab File: VX044589.D

Acq: 06 Jan 2025 12:46

Tgt Ion: 43 Resp: 4843

Ion	Ratio	Lower	Upper
43	100		
58	25.0	21.6	32.4

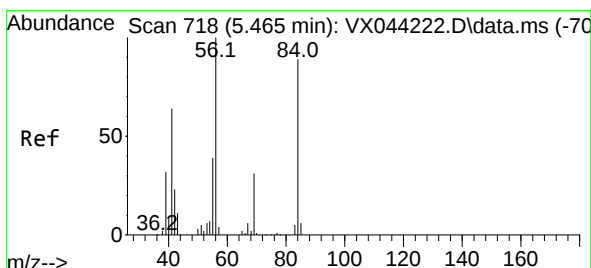
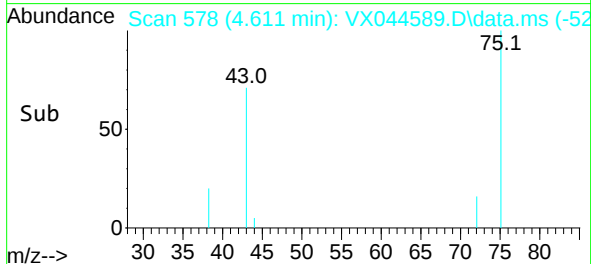
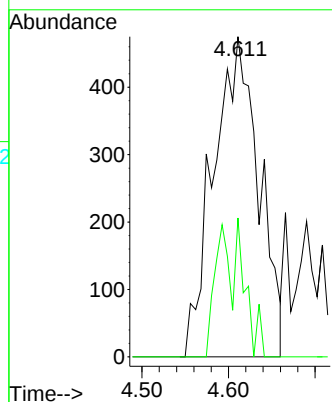
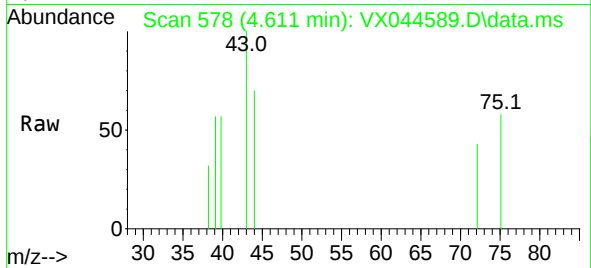




#25
2-Butanone
Concen: 1.267 ug/l
RT: 4.611 min Scan# 51
Delta R.T. 0.049 min
Lab File: VX044589.D
Acq: 06 Jan 2025 12:46

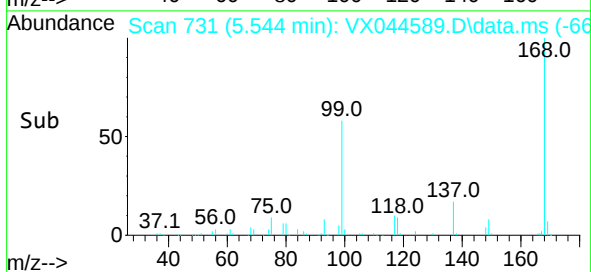
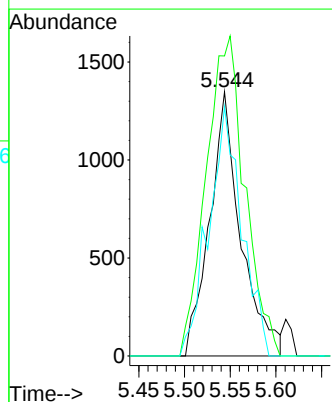
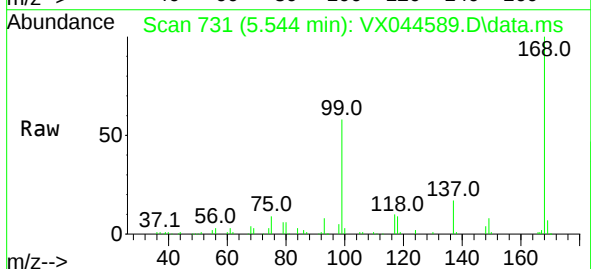
Instrument :
MSVOA_X
ClientSampleId :

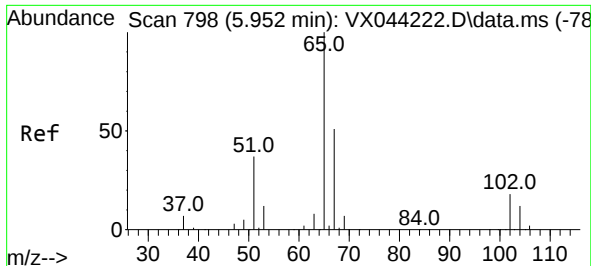
Tgt Ion: 43 Resp: 1729
Ion Ratio Lower Upper
43 100
72 43.4 20.2 30.4#



#31
Cyclohexane
Concen: 1.257 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044589.D
Acq: 06 Jan 2025 12:46

Tgt Ion: 56 Resp: 3196
Ion Ratio Lower Upper
56 100
69 113.6 24.7 37.1#
84 94.4 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 43.833 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044589.D

Acq: 06 Jan 2025 12:46

Instrument :

MSVOA_X

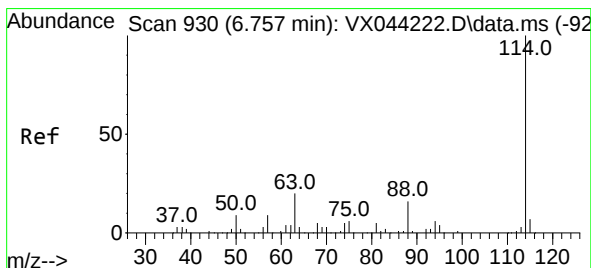
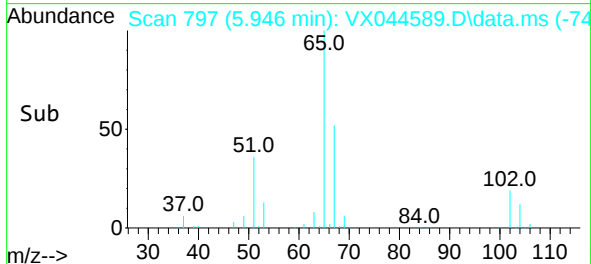
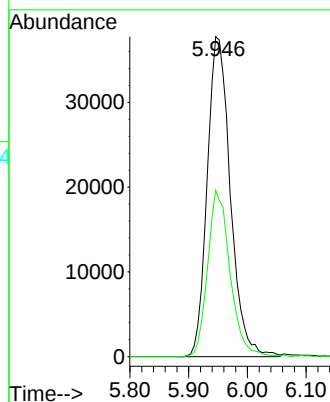
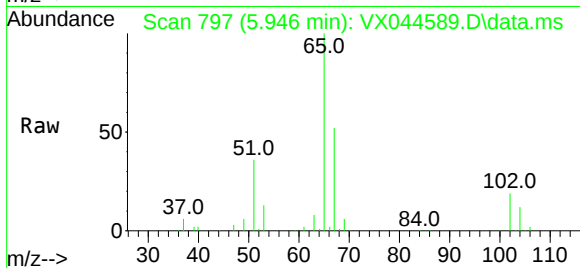
ClientSampleId :

Tgt Ion: 65 Resp: 103245

Ion Ratio Lower Upper

65 100

67 50.3 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.000 min

Lab File: VX044589.D

Acq: 06 Jan 2025 12:46

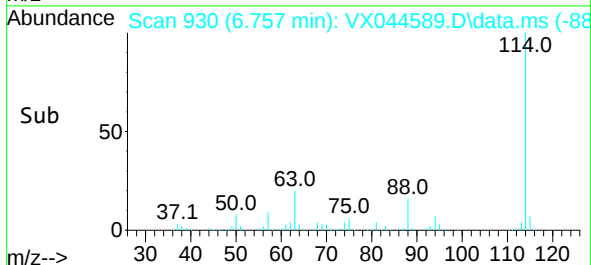
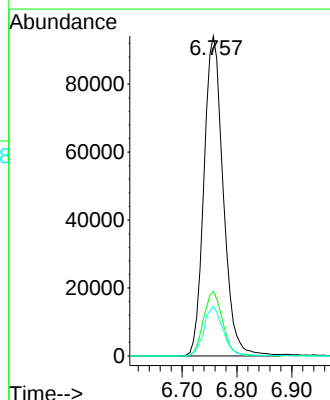
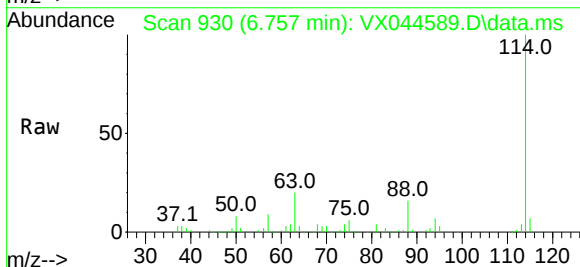
Tgt Ion: 114 Resp: 229618

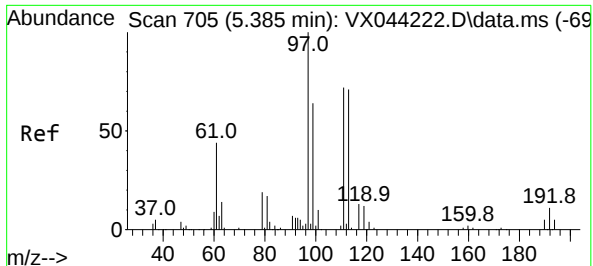
Ion Ratio Lower Upper

114 100

63 20.2 0.0 40.6

88 15.5 0.0 31.8





#35

Dibromofluoromethane

Concen: 52.663 ug/l

RT: 5.379 min Scan# 705

Delta R.T. -0.006 min

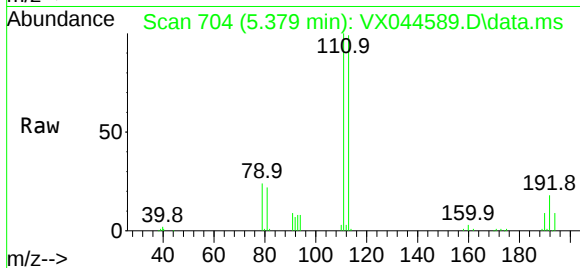
Lab File: VX044589.D

Acq: 06 Jan 2025 12:46

Instrument :

MSVOA_X

ClientSampleId :



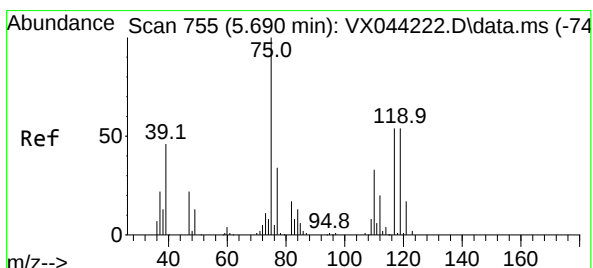
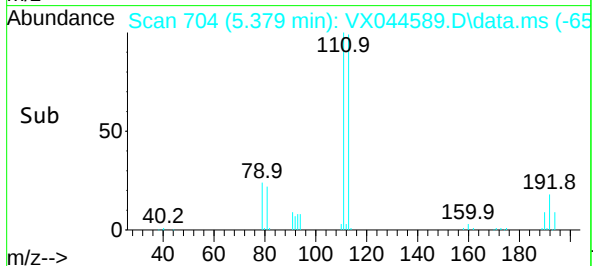
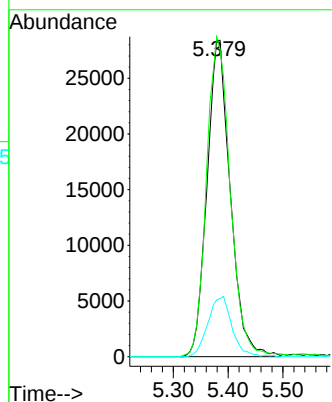
Tgt Ion:113 Resp: 83751

Ion Ratio Lower Upper

113 100

111 103.2 80.4 120.6

192 19.5 13.3 19.9



#36

1,1-Dichloropropene

Concen: 5.459 ug/l

RT: 5.544 min Scan# 731

Delta R.T. -0.146 min

Lab File: VX044589.D

Acq: 06 Jan 2025 12:46

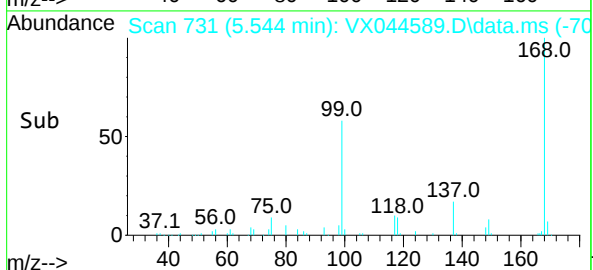
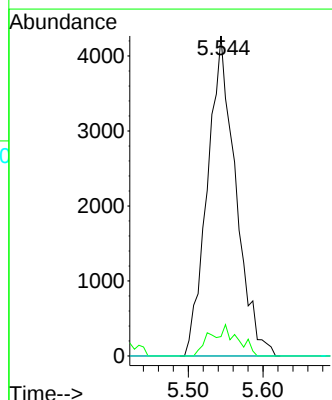
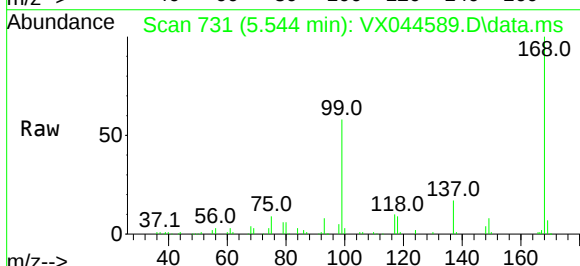
Tgt Ion: 75 Resp: 11222

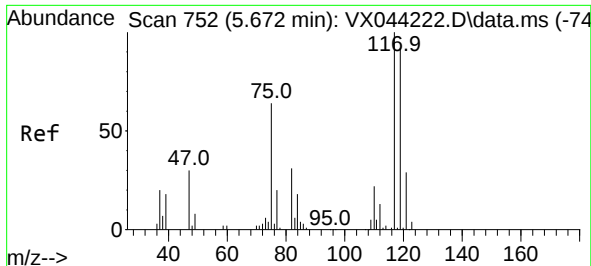
Ion Ratio Lower Upper

75 100

110 5.8 17.3 51.7#

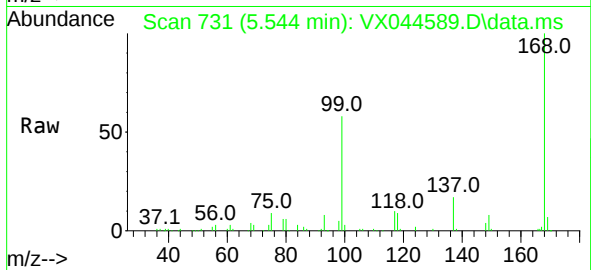
77 0.0 25.4 38.0#



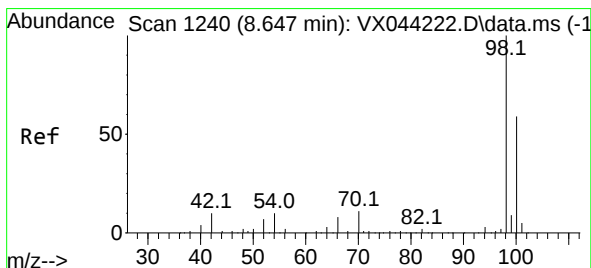
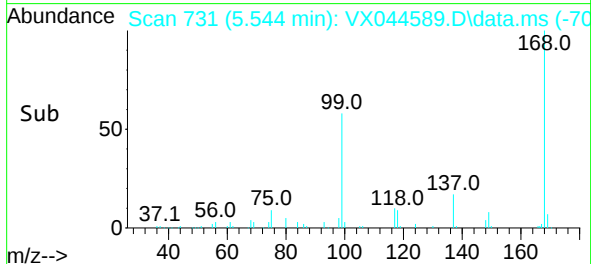
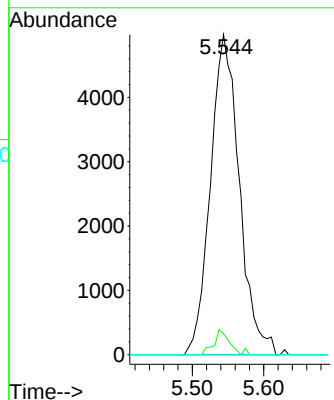


#38
Carbon Tetrachloride
Concen: 6.300 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044589.D
Acq: 06 Jan 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :

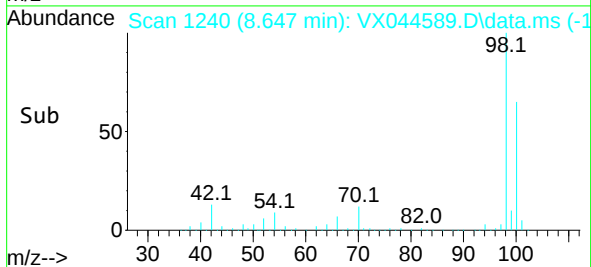
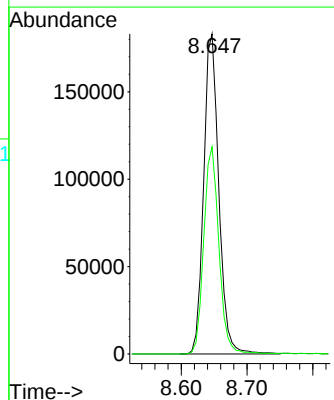
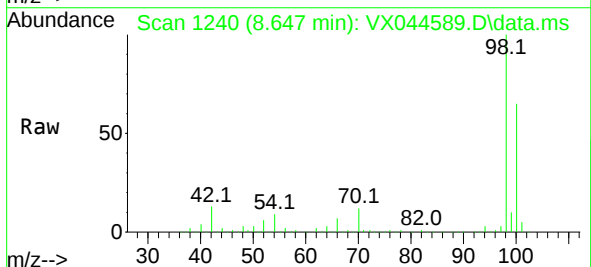


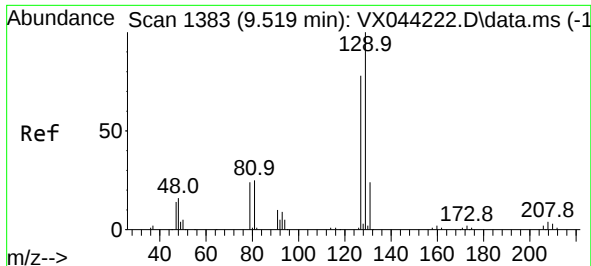
Tgt Ion:117 Resp: 13943
Ion Ratio Lower Upper
117 100
119 6.6 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 54.567 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044589.D
Acq: 06 Jan 2025 12:46

Tgt Ion: 98 Resp: 292767
Ion Ratio Lower Upper
98 100
100 64.7 51.5 77.3

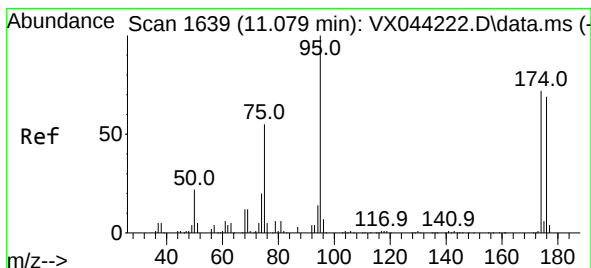
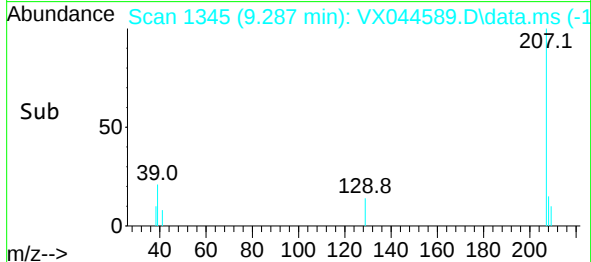
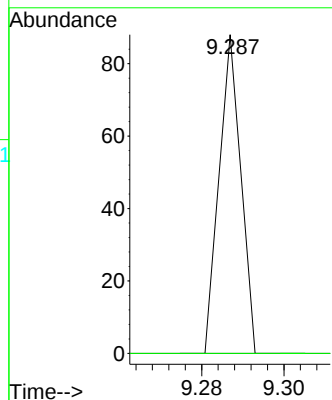
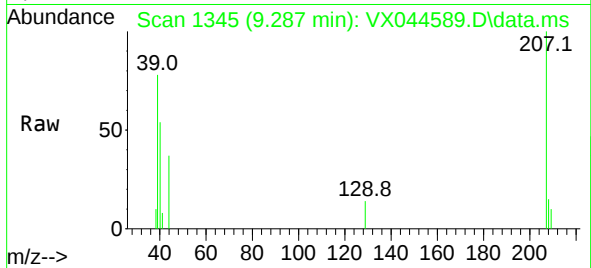




#60
Dibromochloromethane
Concen: 1.251 ug/l
RT: 9.287 min Scan# 11
Delta R.T. -0.232 min
Lab File: VX044589.D
Acq: 06 Jan 2025 12:46

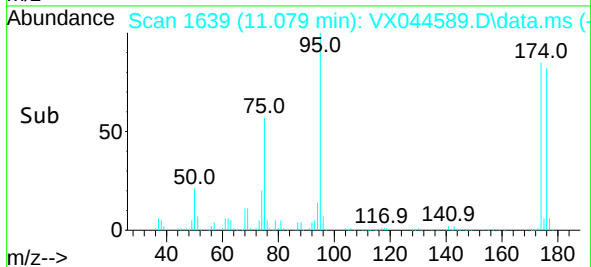
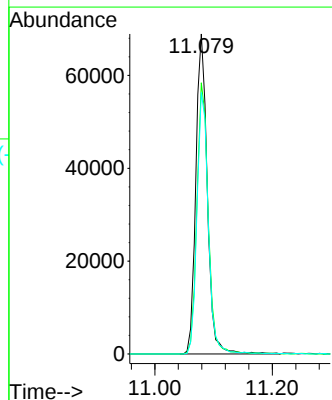
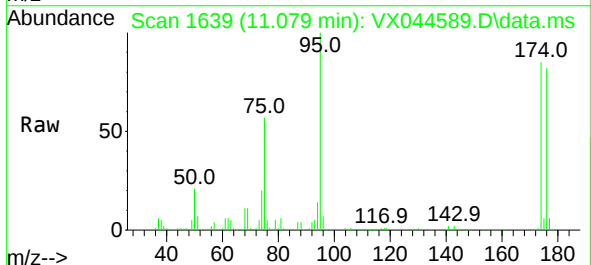
Instrument :
MSVOA_X
ClientSampleId :

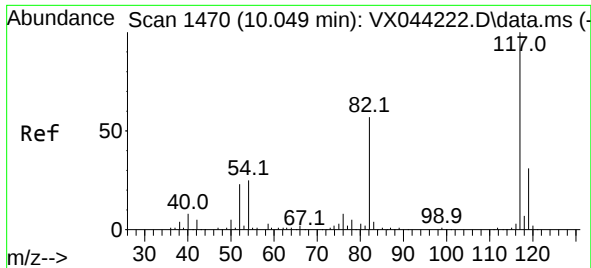
Tgt Ion:129 Resp: 32
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 49.833 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044589.D
Acq: 06 Jan 2025 12:46

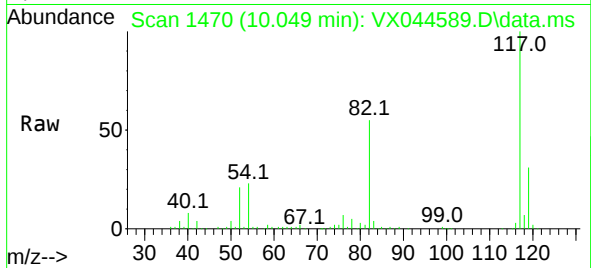
Tgt Ion: 95 Resp: 93424
Ion Ratio Lower Upper
95 100
174 83.8 0.0 145.8
176 79.9 0.0 137.8



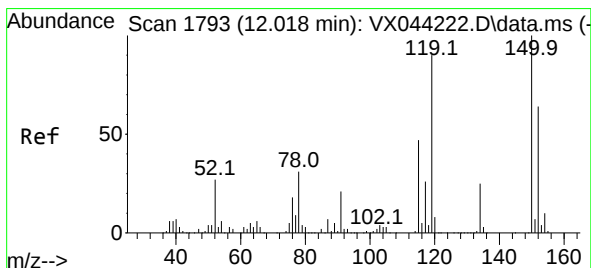
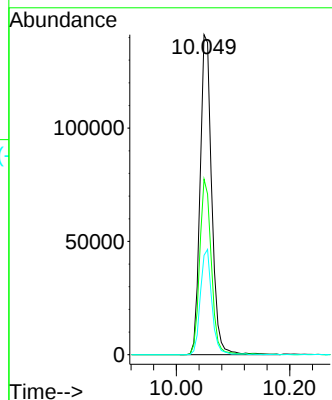
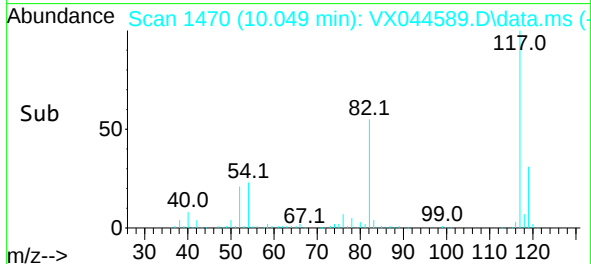


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044589.D
Acq: 06 Jan 2025 12:46

Instrument :
MSVOA_X
ClientSampleId :

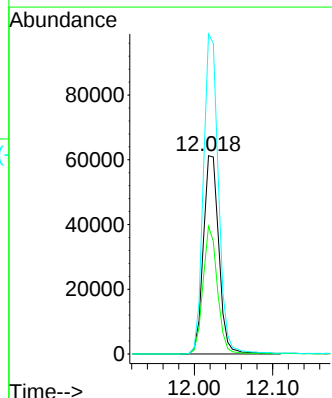
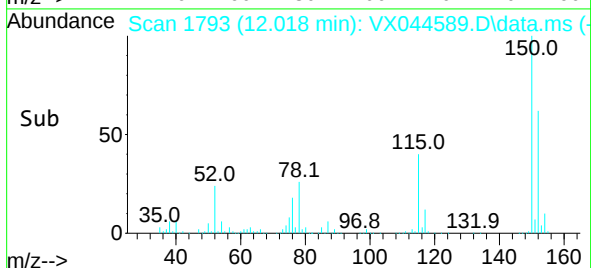
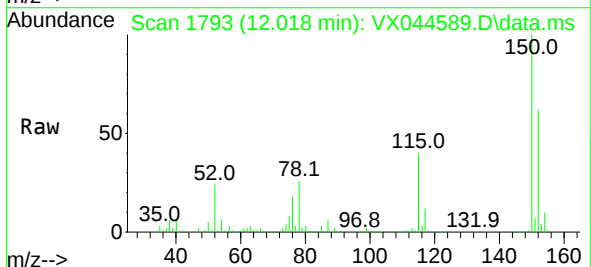


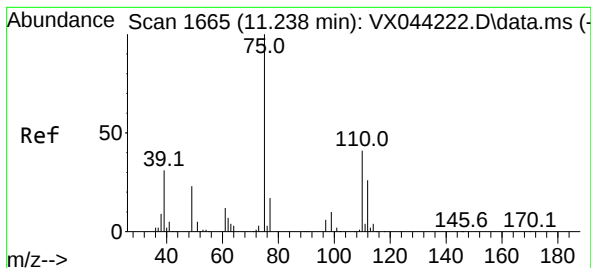
Tgt Ion:117 Resp: 200545
Ion Ratio Lower Upper
117 100
82 54.9 45.8 68.8
119 31.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044589.D
Acq: 06 Jan 2025 12:46

Tgt Ion:152 Resp: 84064
Ion Ratio Lower Upper
152 100
115 59.3 44.5 133.3
150 156.5 0.0 353.8





#76

1,2,3-Trichloropropane

Concen: 27.325 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044589.D

Acq: 06 Jan 2025 12:46

Instrument :

MSVOA_X

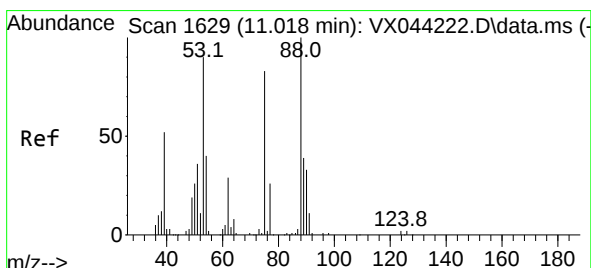
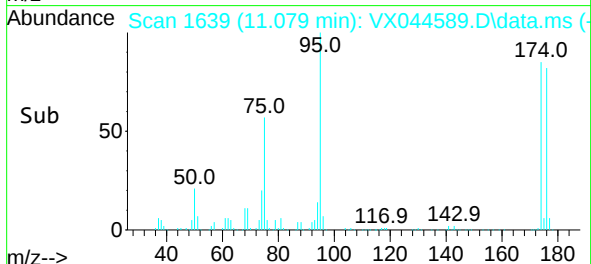
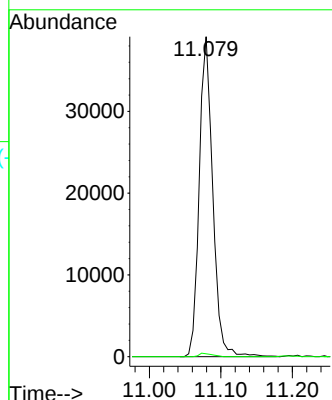
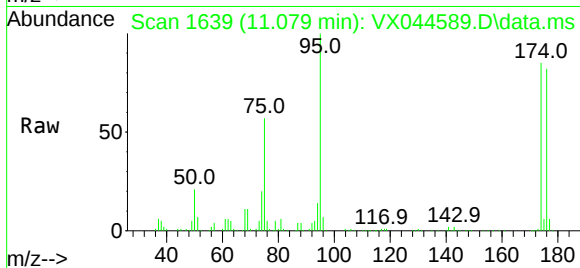
ClientSampleId :

Tgt Ion: 75 Resp: 51287

Ion Ratio Lower Upper

75 100

77 1.0 20.9 62.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 75.142 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX044589.D

Acq: 06 Jan 2025 12:46

Tgt Ion: 75 Resp: 51287

Ion Ratio Lower Upper

75 100

53 0.0 93.6 140.4#

89 0.1 37.3 55.9#

