

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044310.D
 Acq On : 16 Dec 2024 09:50
 Operator : JC/MD
 Sample : VX1216WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 17 00:44:06 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	134837	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.751	114	253656	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	222159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	94759	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	112287	47.496	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.000%
35) Dibromofluoromethane	5.379	113	82208	46.794	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	93.580%
50) Toluene-d8	8.647	98	305541	51.551	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.100%
62) 4-Bromofluorobenzene	11.079	95	102368	49.429	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.860%

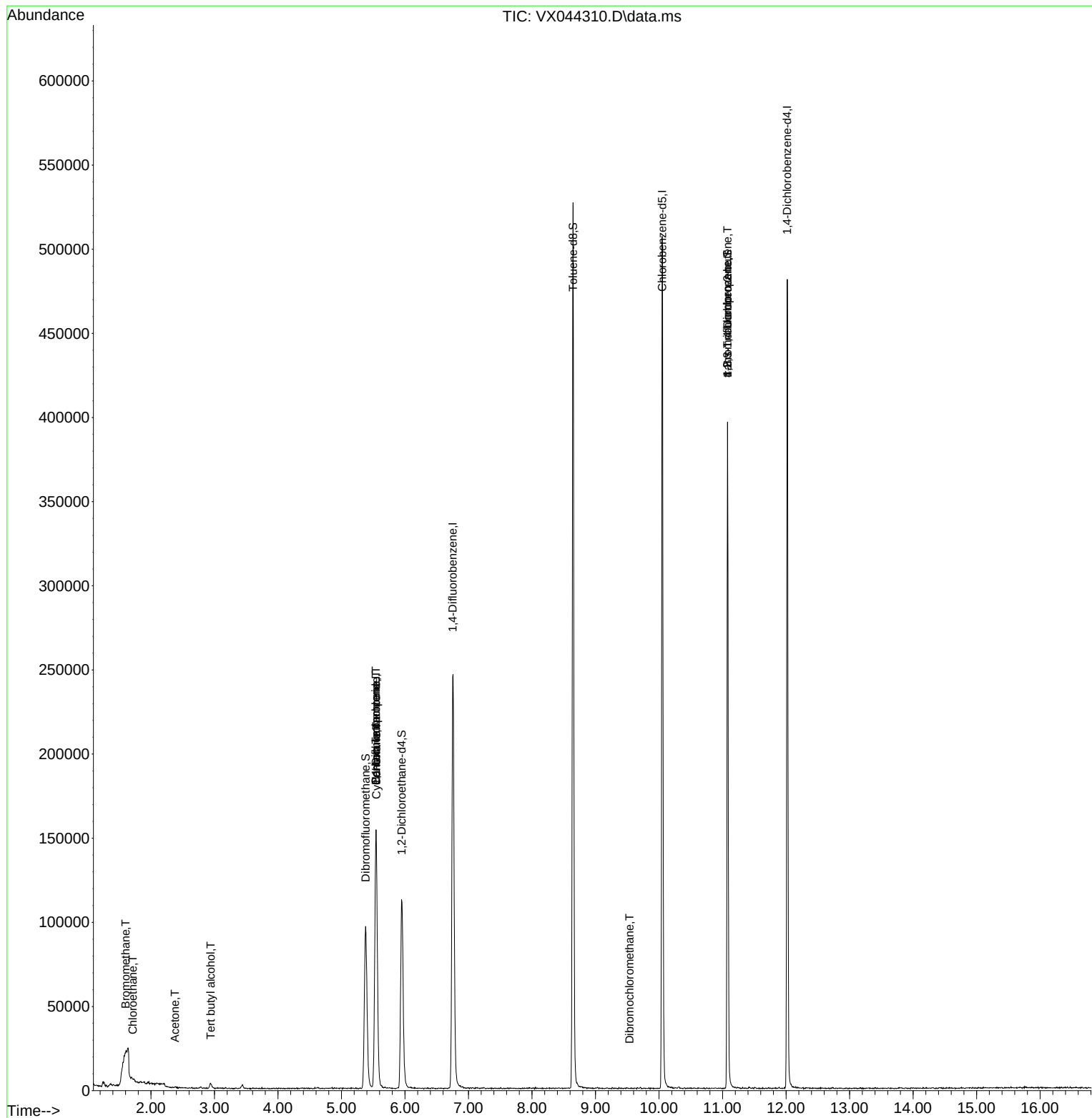
Target Compounds				Qvalue		
5) Bromomethane	1.599	94	495	0.336	ug/l	85
6) Chloroethane	1.715	64	330	0.255	ug/l #	41
11) Tert butyl alcohol	2.940	59	1707	5.123	ug/l #	71
16) Acetone	2.380	43	518	0.537	ug/l #	79
31) Cyclohexane	5.550	56	3670	1.438	ug/l #	24
36) 1,1-Dichloropropene	5.544	75	12332	5.430	ug/l #	50
38) Carbon Tetrachloride	5.544	117	15741	6.438	ug/l #	17
60) Dibromochloromethane	9.537	129	20	1.242	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	59003	27.888	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	59003	76.575	ug/l #	4

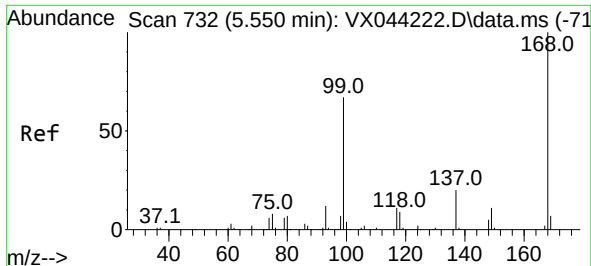
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

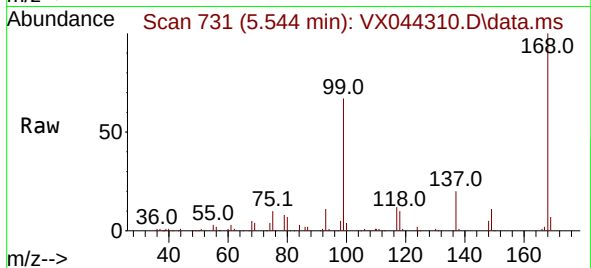
Quant Time: Dec 17 00:44:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



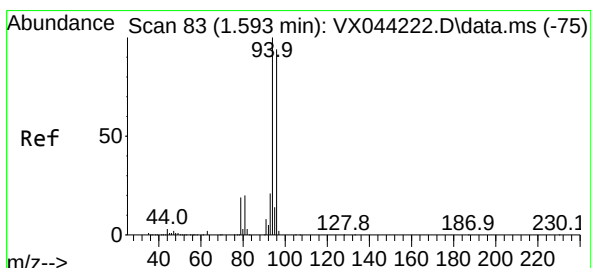
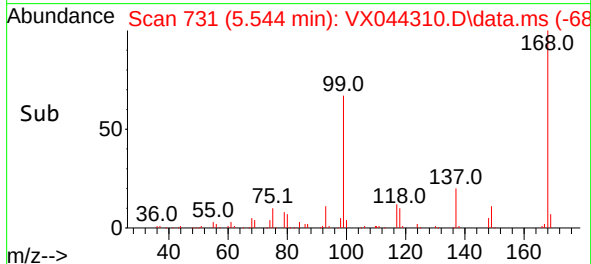
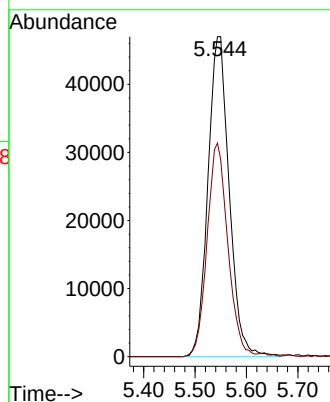


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

Instrument :
MSVOA_X
ClientSampleId :

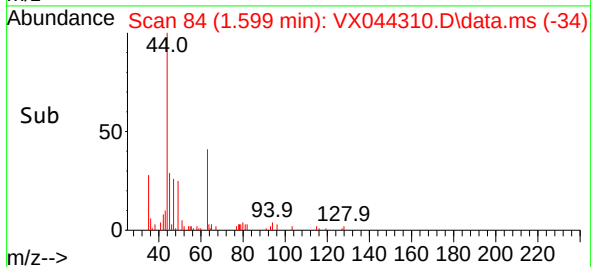
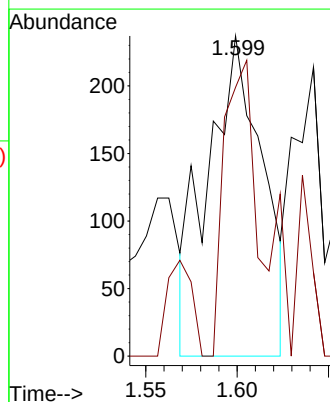
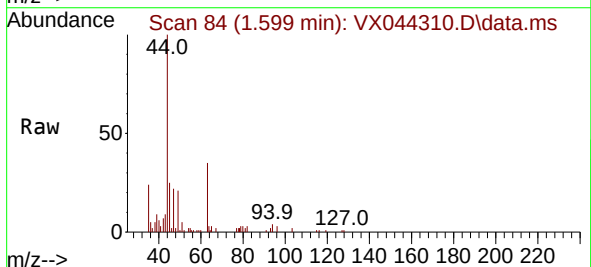


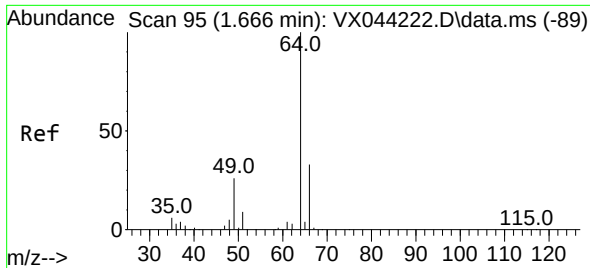
Tgt Ion:168 Resp: 134837
Ion Ratio Lower Upper
168 100
99 66.8 53.4 80.0



#5
Bromomethane
Concen: 0.336 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

Tgt Ion: 94 Resp: 495
Ion Ratio Lower Upper
94 100
96 79.5 74.9 112.3

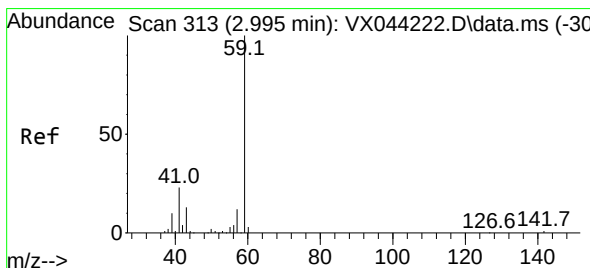
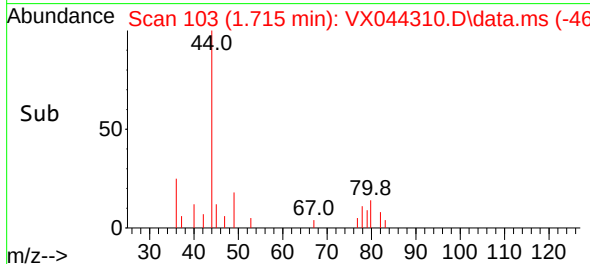
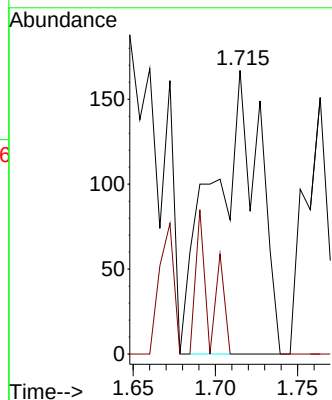
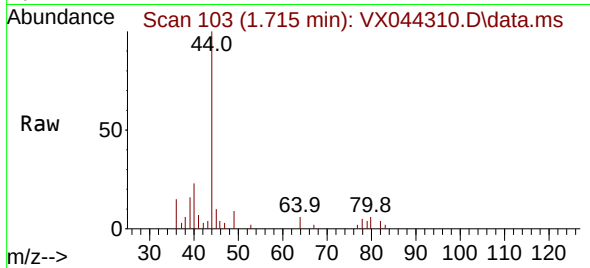




#6
Chloroethane
Concen: 0.255 ug/l
RT: 1.715 min Scan# 103
Delta R.T. 0.049 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

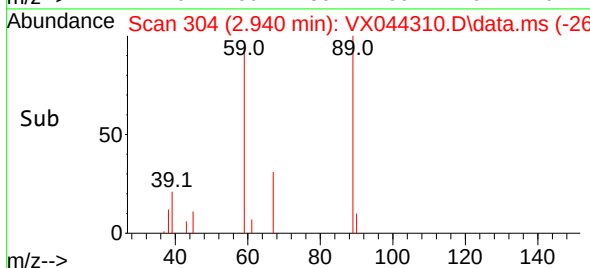
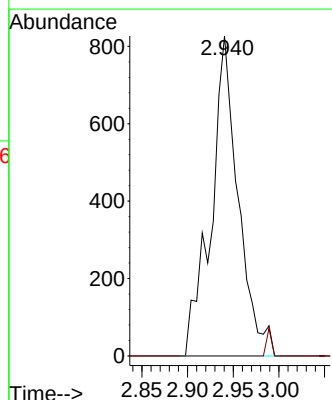
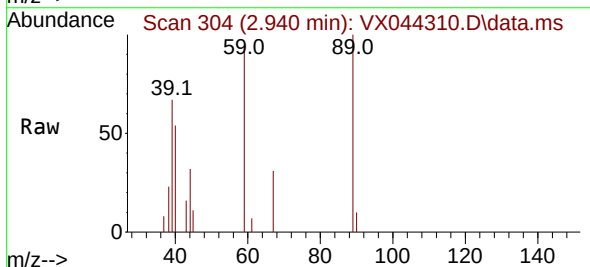
Instrument :
MSVOA_X
ClientSampleId :

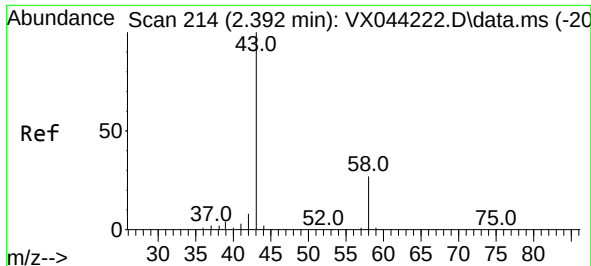
Tgt Ion: 64 Resp: 330
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#



#11
Tert butyl alcohol
Concen: 5.123 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

Tgt Ion: 59 Resp: 1707
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

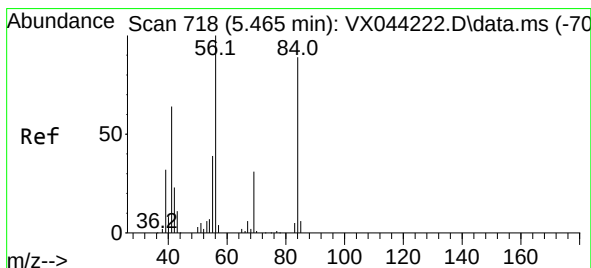
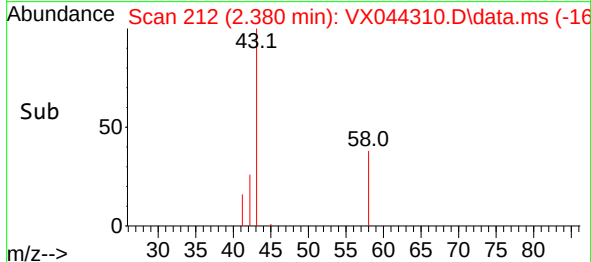
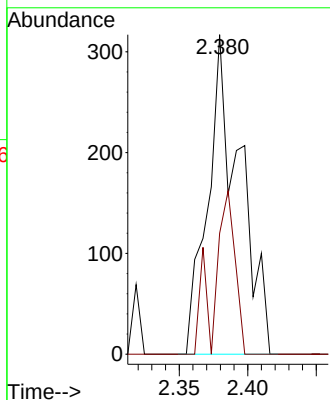
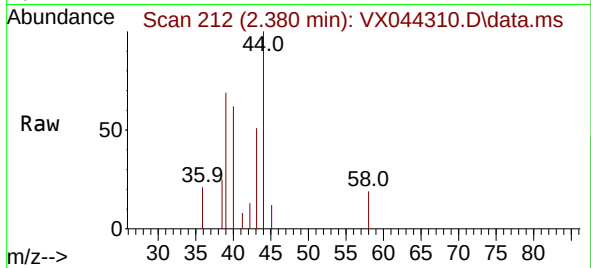




#16
Acetone
Concen: 0.537 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

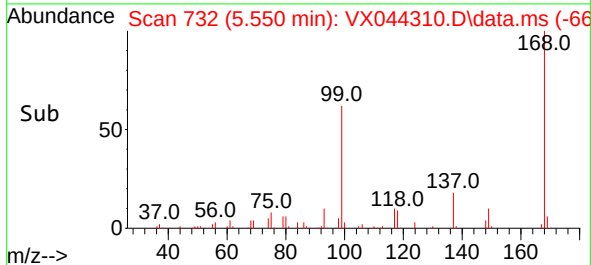
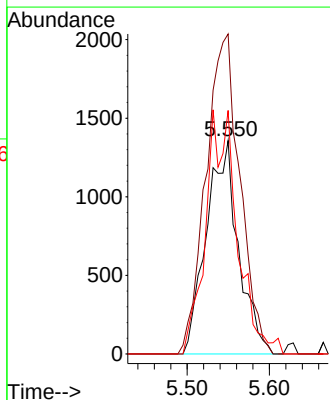
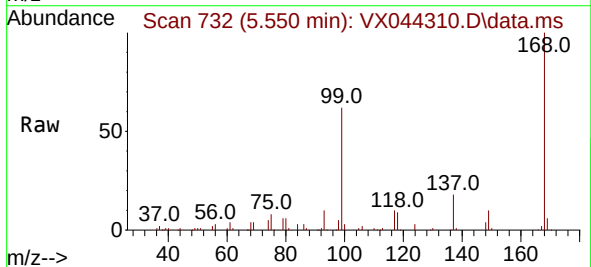
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MSVOA_X
ClientSampleId :

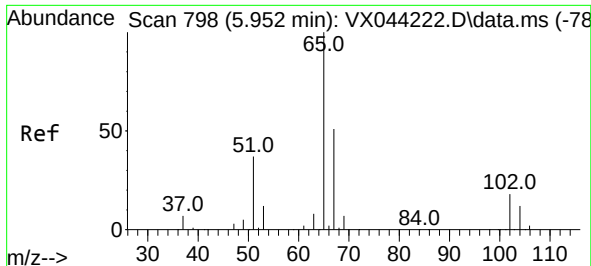
Tgt Ion: 43 Resp: 518
Ion Ratio Lower Upper
43 100
58 37.9 21.6 32.4#



#31
Cyclohexane
Concen: 1.438 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

Tgt Ion: 56 Resp: 3670
Ion Ratio Lower Upper
56 100
69 149.9 24.7 37.1#
84 114.1 71.0 106.6#





#33

1,2-Dichloroethane-d4

Concen: 47.496 ug/l

RT: 5.946 min Scan# 798

Delta R.T. -0.006 min

Lab File: VX044310.D

Acq: 16 Dec 2024 09:50

Instrument :

MSVOA_X

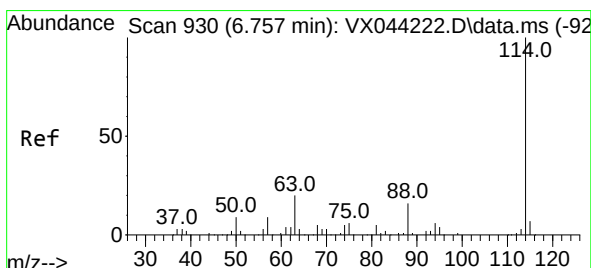
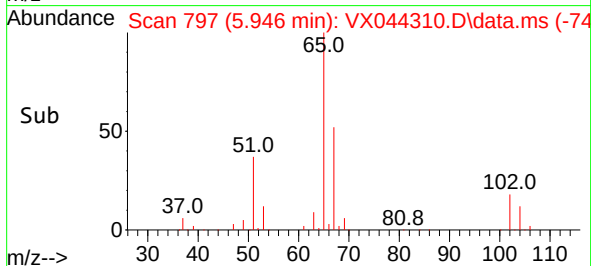
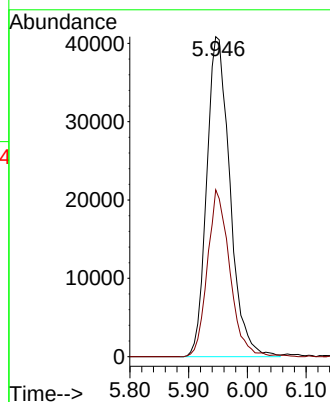
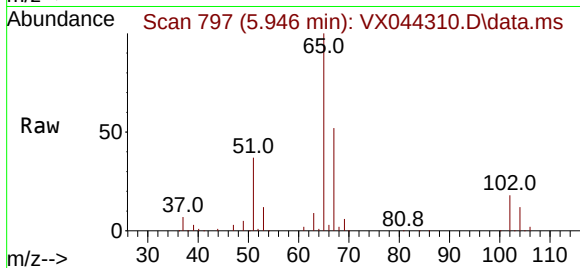
ClientSampleId :

Tgt Ion: 65 Resp: 112287

Ion Ratio Lower Upper

65 100

67 50.1 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.751 min Scan# 929

Delta R.T. -0.006 min

Lab File: VX044310.D

Acq: 16 Dec 2024 09:50

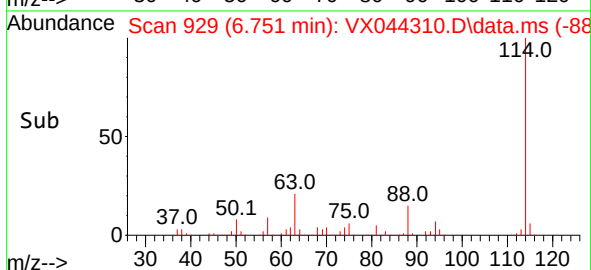
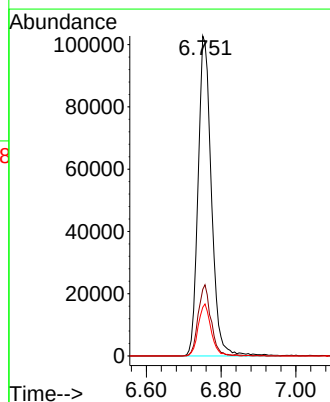
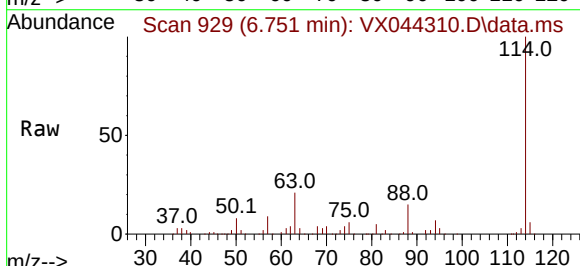
Tgt Ion: 114 Resp: 253656

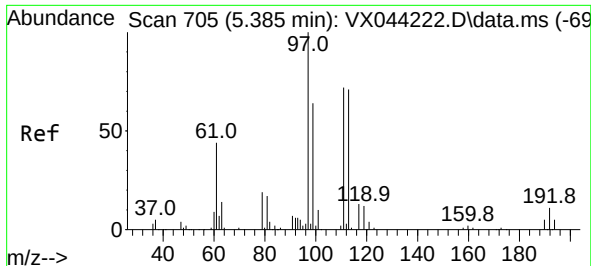
Ion Ratio Lower Upper

114 100

63 20.8 0.0 40.6

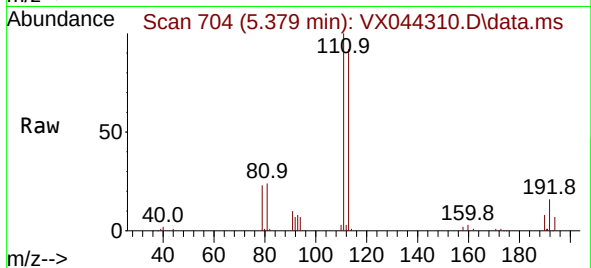
88 15.2 0.0 31.8



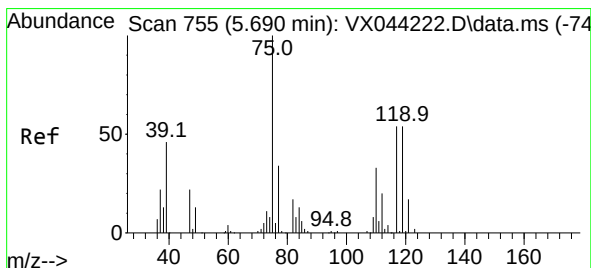
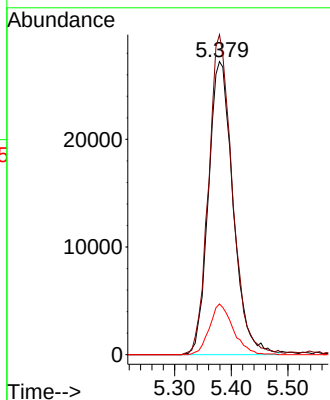
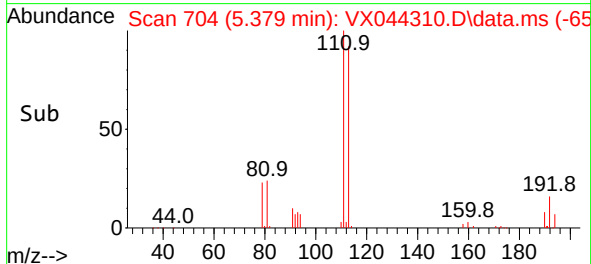


#35
Dibromofluoromethane
Concen: 46.794 ug/l
RT: 5.379 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

Instrument :
MSVOA_X
ClientSampleId :

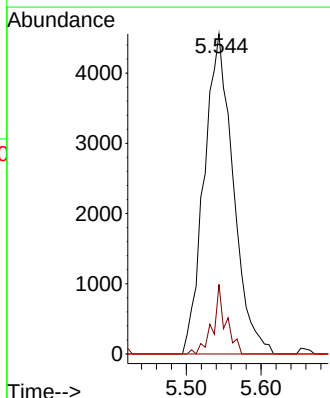
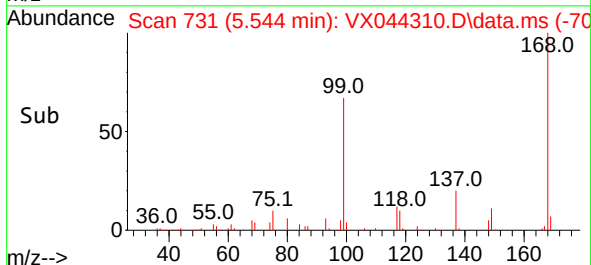
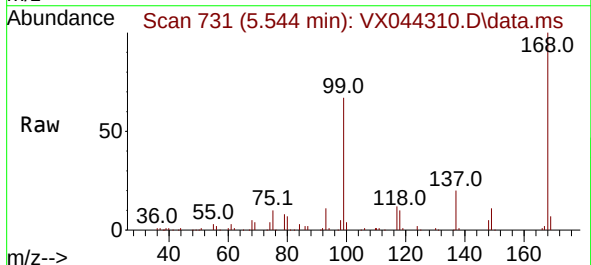


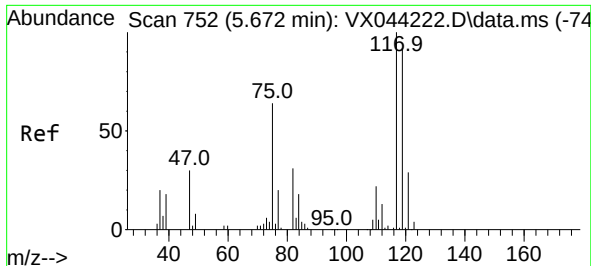
Tgt Ion:113 Resp: 82208
Ion Ratio Lower Upper
113 100
111 105.7 80.4 120.6
192 16.7 13.3 19.9



#36
1,1-Dichloropropene
Concen: 5.430 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.147 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

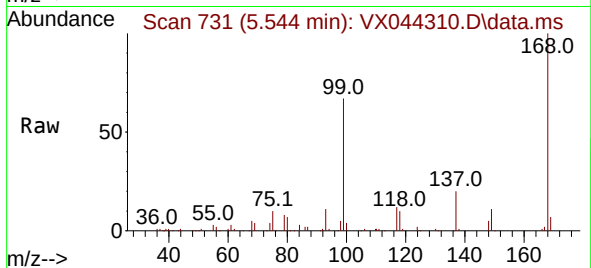
Tgt Ion: 75 Resp: 12332
Ion Ratio Lower Upper
75 100
110 9.6 17.3 51.7#
77 0.0 25.4 38.0#



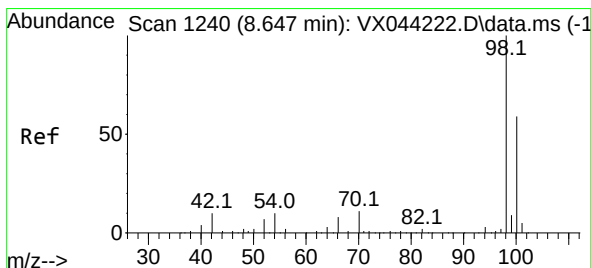
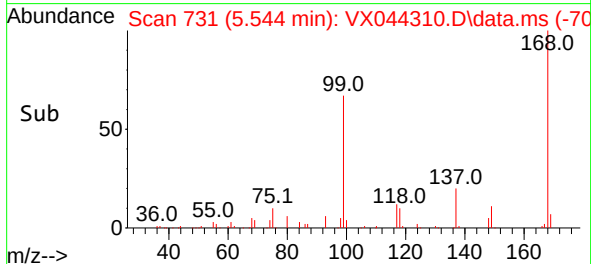
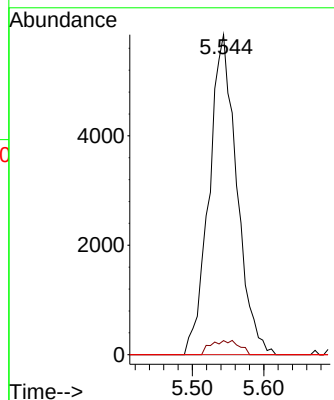


#38
Carbon Tetrachloride
Concen: 6.438 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

Instrument :
MSVOA_X
ClientSampleId :

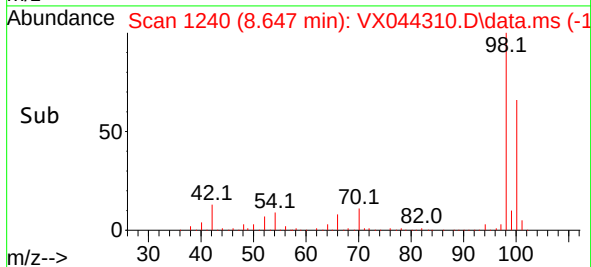
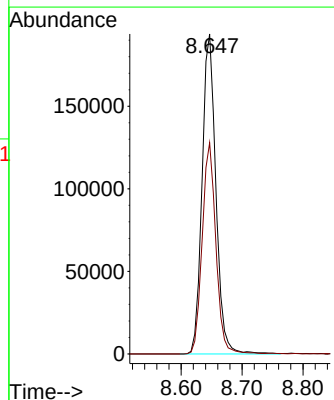
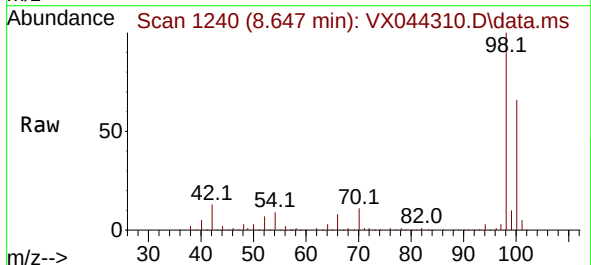


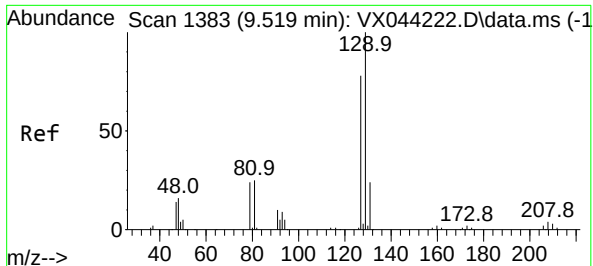
Tgt Ion:117 Resp: 15741
Ion Ratio Lower Upper
117 100
119 4.4 74.2 111.4#
121 0.0 23.0 34.6#



#50
Toluene-d8
Concen: 51.551 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

Tgt Ion: 98 Resp: 305541
Ion Ratio Lower Upper
98 100
100 65.4 51.5 77.3

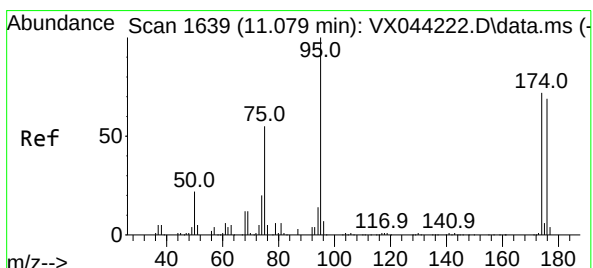
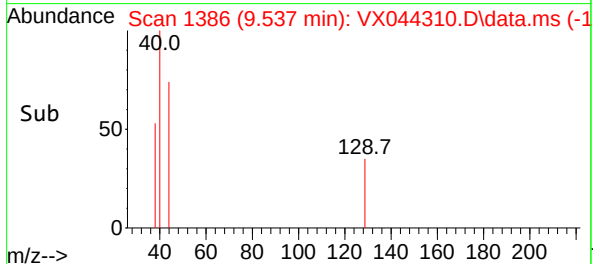
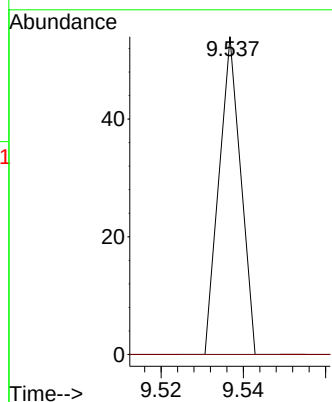
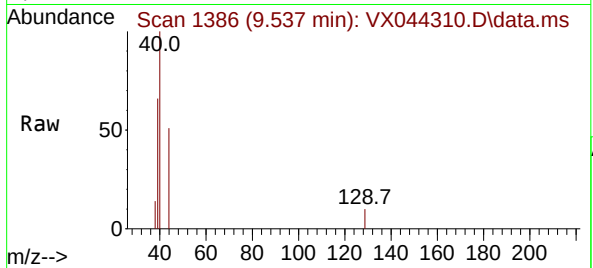




#60
Dibromochloromethane
Concen: 1.242 ug/l
RT: 9.537 min Scan# 11
Delta R.T. 0.018 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

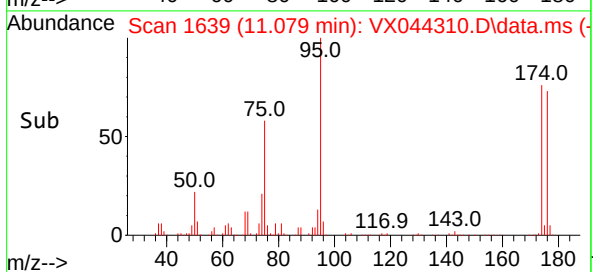
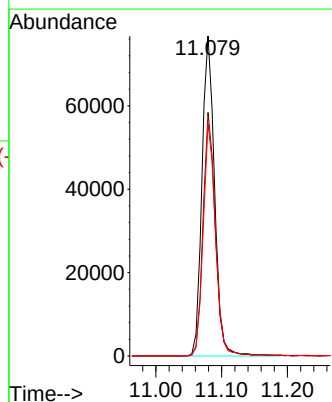
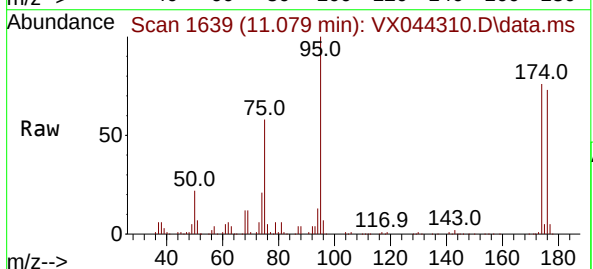
Instrument :
MSVOA_X
ClientSampleId :

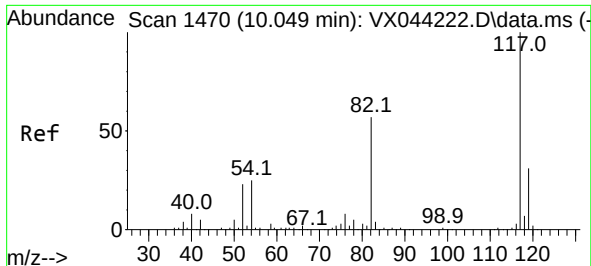
Tgt Ion:129 Resp: 20
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 49.429 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

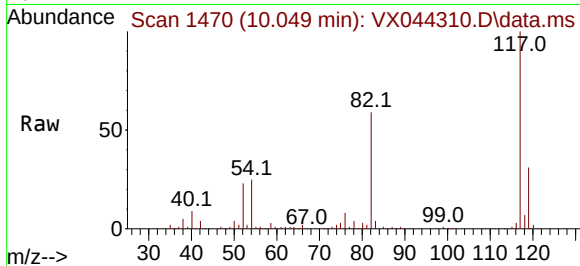
Tgt Ion: 95 Resp: 102368
Ion Ratio Lower Upper
95 100
174 73.7 0.0 145.8
176 70.9 0.0 137.8



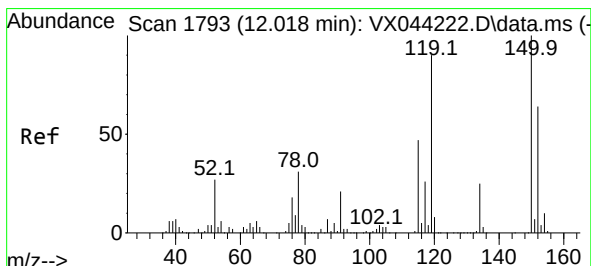
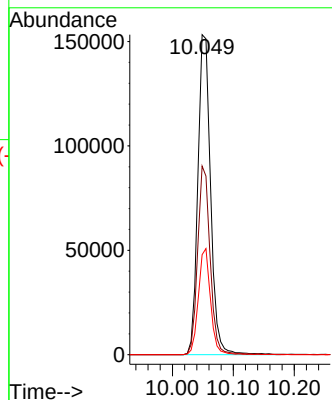
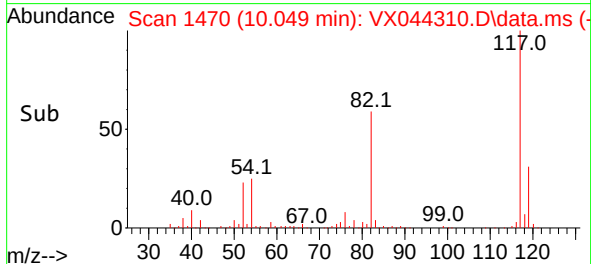


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

Instrument :
MSVOA_X
ClientSampleId :

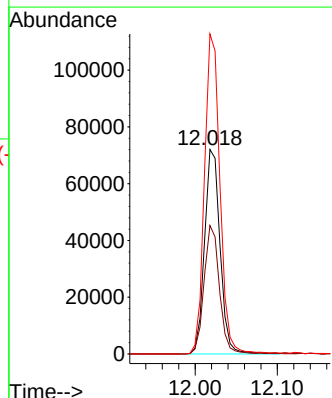
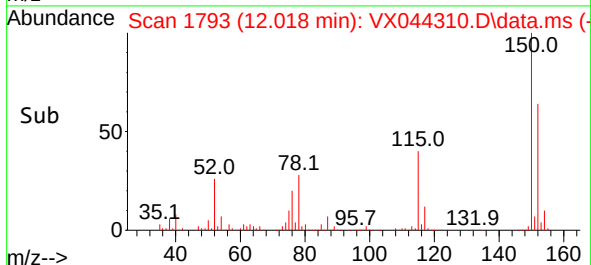
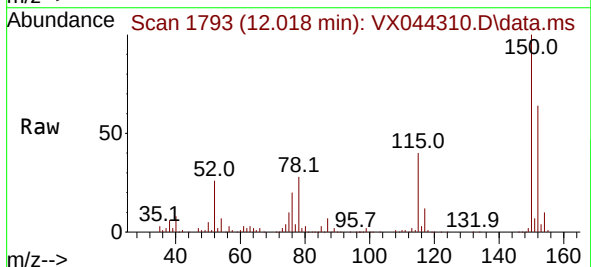


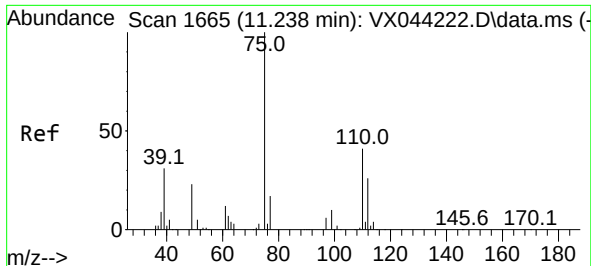
Tgt Ion:117 Resp: 222159
Ion Ratio Lower Upper
117 100
82 59.0 45.8 68.8
119 31.3 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

Tgt Ion:152 Resp: 94759
Ion Ratio Lower Upper
152 100
115 62.2 44.5 133.3
150 155.9 0.0 353.8

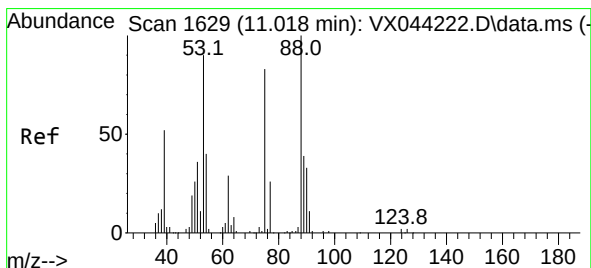
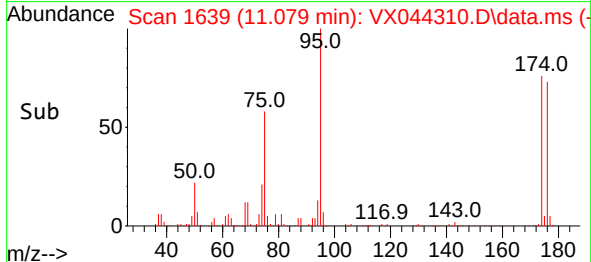
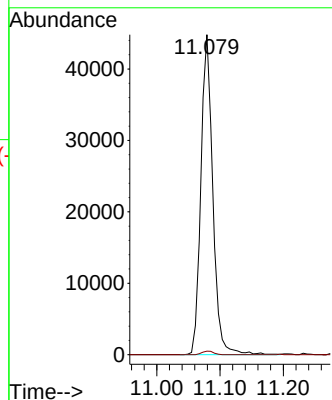
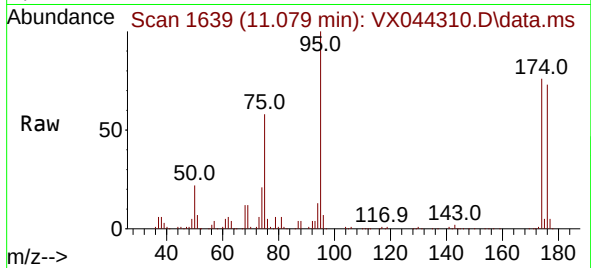




#76
1,2,3-Trichloropropane
Concen: 27.888 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 59003
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 76.575 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044310.D
Acq: 16 Dec 2024 09:50

Tgt Ion: 75 Resp: 59003
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

