

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX122024\
 Data File : VX044449.D
 Acq On : 20 Dec 2024 13:59
 Operator : JC/MD
 Sample : P5314-02DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 14:30:13 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)

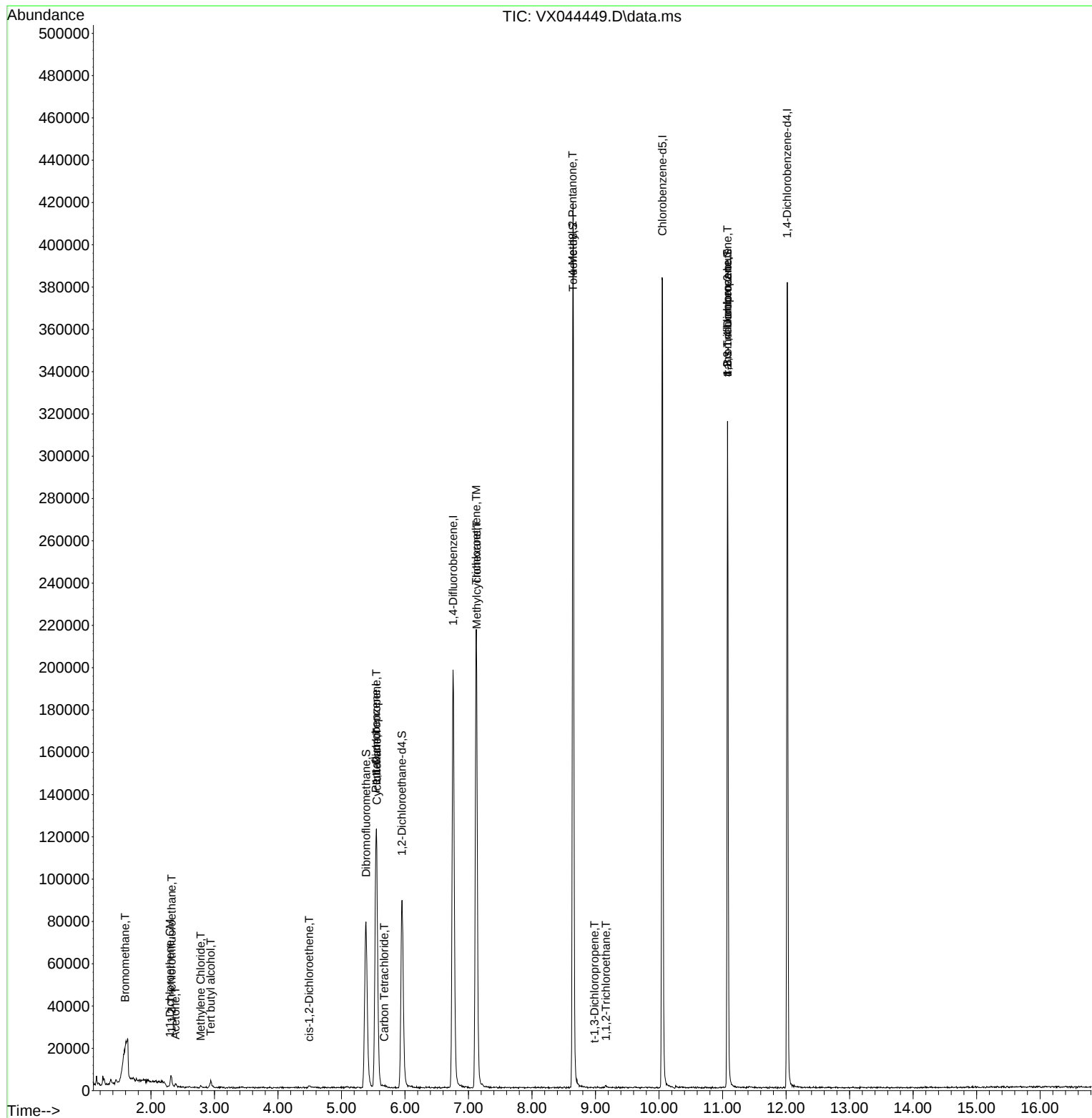
Internal Standards						
1) Pentafluorobenzene	5.544	168	113918	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	202874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177737	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	76153	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86311	43.213	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.420%
35) Dibromofluoromethane	5.385	113	67094	47.751	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.500%
50) Toluene-d8	8.647	98	241190	50.880	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.760%
62) 4-Bromofluorobenzene	11.079	95	77867	47.010	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.020%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	498	0.400	ug/l #	32
9) 1,1,2-Trichlorotrifluo...	2.325	101	1586	1.141	ug/l	94
11) Tert butyl alcohol	2.940	59	1613	5.730	ug/l #	71
12) 1,1-Dichloroethene	2.300	96	476	0.373	ug/l #	60
16) Acetone	2.386	43	1314	1.614	ug/l #	85
20) Methylene Chloride	2.782	84	398	0.260	ug/l #	64
27) cis-1,2-Dichloroethene	4.489	96	353	0.205	ug/l	54
31) Cyclohexane	5.556	56	3176	1.473	ug/l #	35
36) 1,1-Dichloropropene	5.550	75	9779	5.384	ug/l #	49
38) Carbon Tetrachloride	5.672	117	498	0.255	ug/l #	50
39) Methylcyclohexane	7.129	83	1283	0.591	ug/l #	1
44) Trichloroethene	7.123	130	83240	60.531	ug/l	97
51) 4-Methyl-2-Pentanone	8.641	43	1347	0.597	ug/l #	1
53) t-1,3-Dichloropropene	8.982	75	44	1.018	ug/l #	41
55) 1,1,2-Trichloroethane	9.165	97	483	0.351	ug/l #	63
76) 1,2,3-Trichloropropane	11.079	75	42426	24.952	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	42426	69.101	ug/l #	4

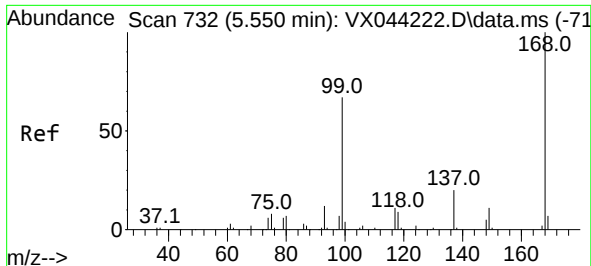
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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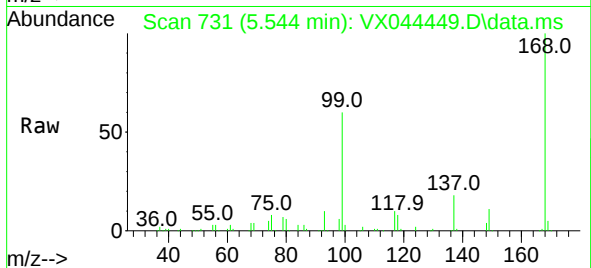
Quant Time: Dec 20 14:30:13 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



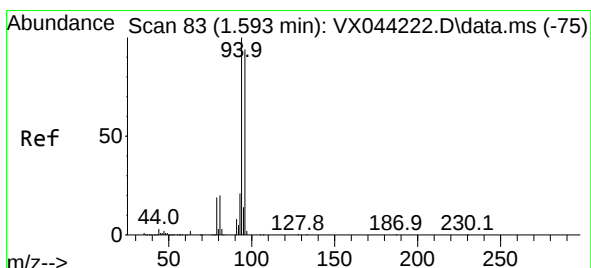
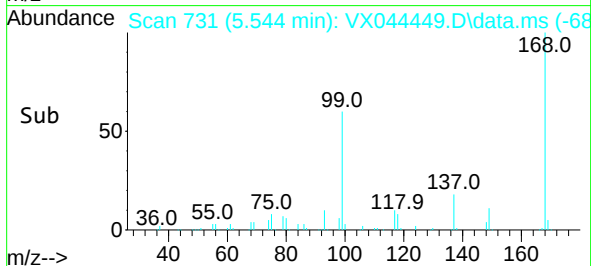
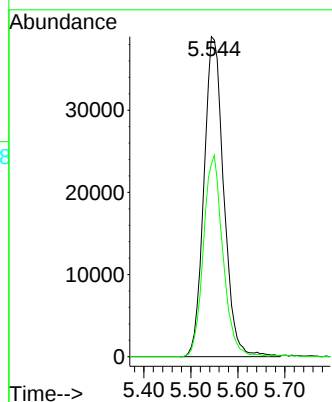


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :

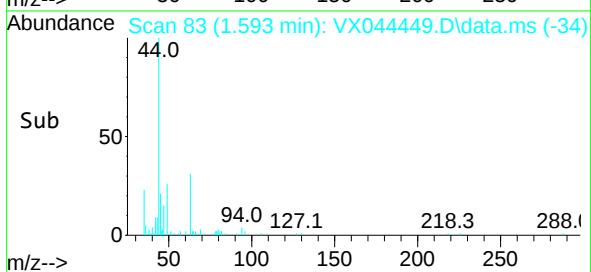
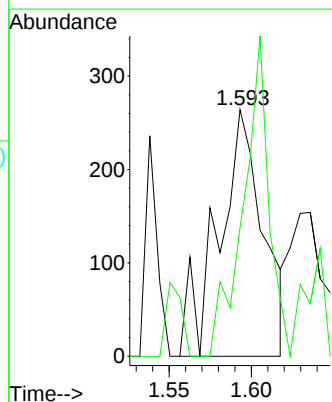
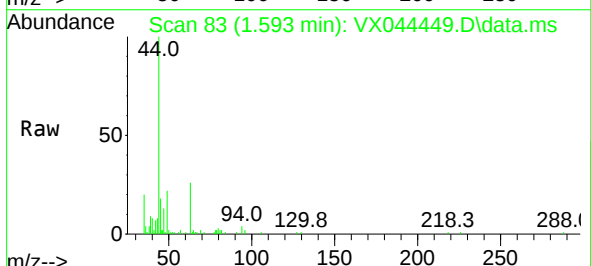


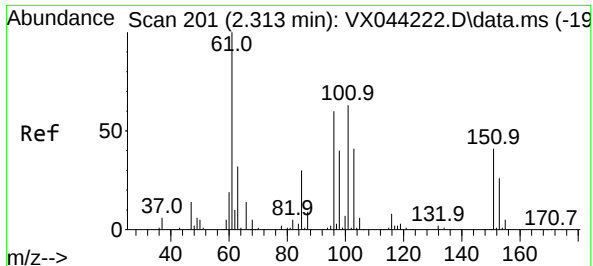
Tgt Ion:168 Resp: 113918
Ion Ratio Lower Upper
168 100
99 60.2 53.4 80.0



#5
Bromomethane
Concen: 0.400 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.000 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

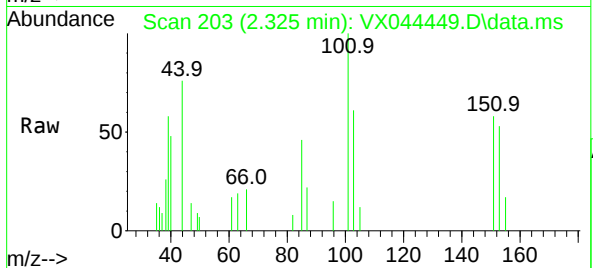
Tgt Ion: 94 Resp: 498
Ion Ratio Lower Upper
94 100
96 28.4 74.9 112.3#



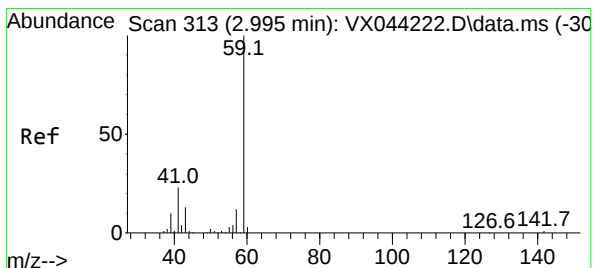
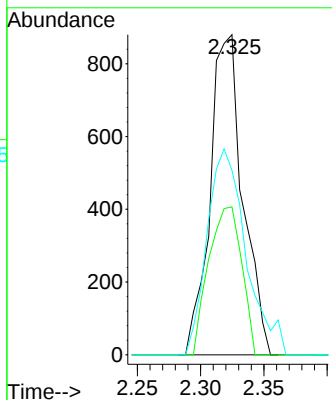
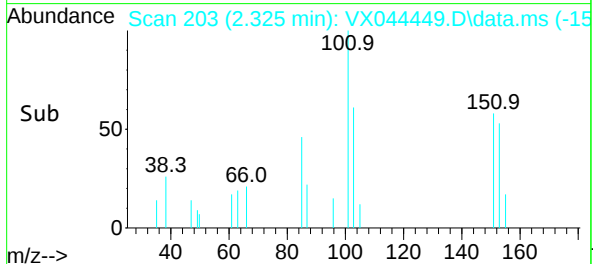


#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.141 ug/l
RT: 2.325 min Scan# 20
Delta R.T. 0.012 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :

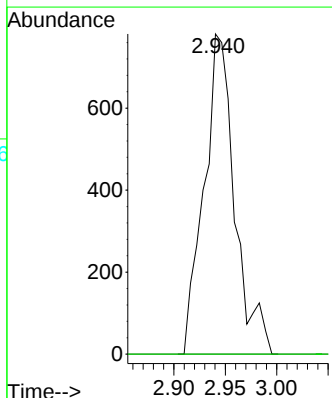
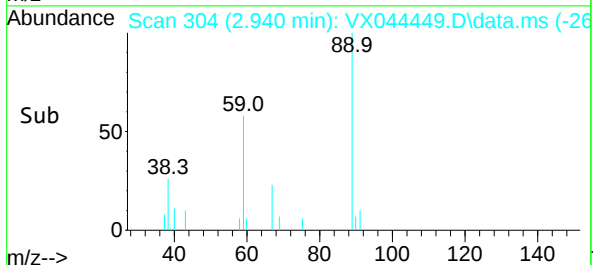
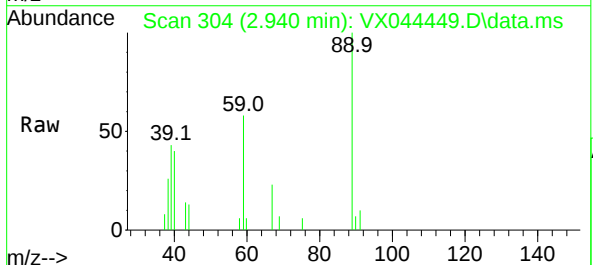


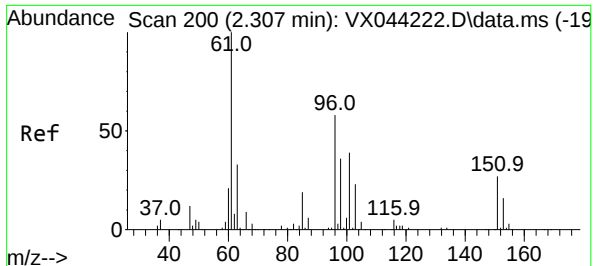
Tgt Ion:101 Resp: 1586
Ion Ratio Lower Upper
101 100
85 46.4 38.5 57.7
151 76.3 55.8 83.6



#11
Tert butyl alcohol
Concen: 5.730 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.055 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Tgt Ion: 59 Resp: 1613
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#





#12

1,1-Dichloroethene

Concen: 0.373 ug/l

RT: 2.300 min Scan# 199

Delta R.T. -0.006 min

Lab File: VX044449.D

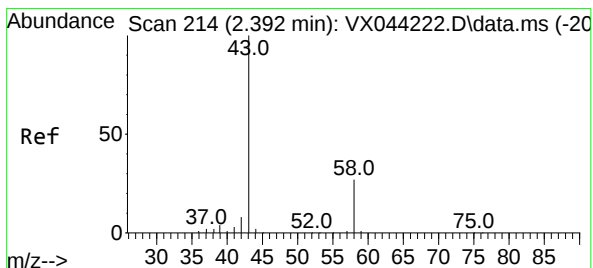
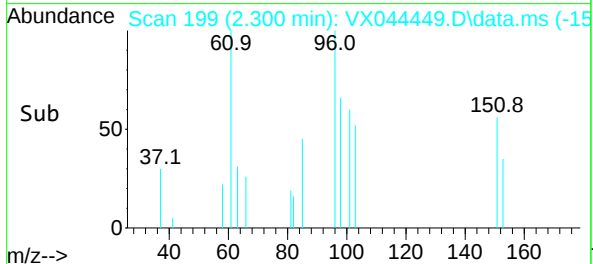
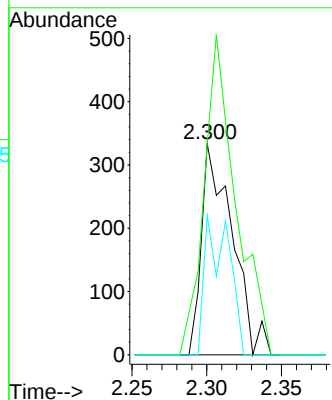
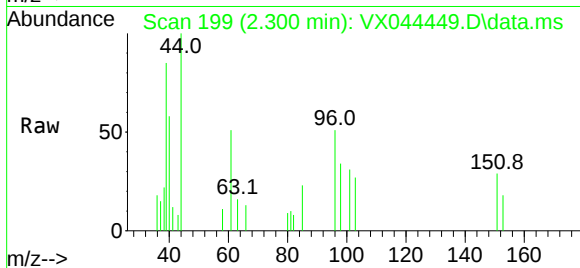
Acq: 20 Dec 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion:	96	Resp:	476
Ion	Ratio	Lower	Upper
96	100		
61	99.7	138.0	207.0#
98	65.9	50.0	75.0



#16

Acetone

Concen: 1.614 ug/l

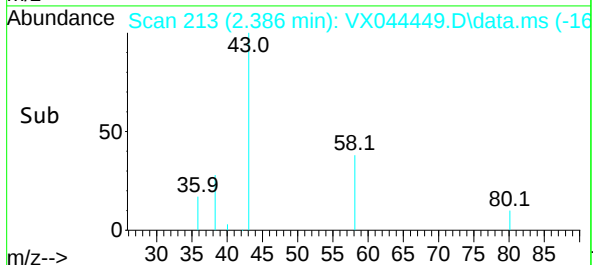
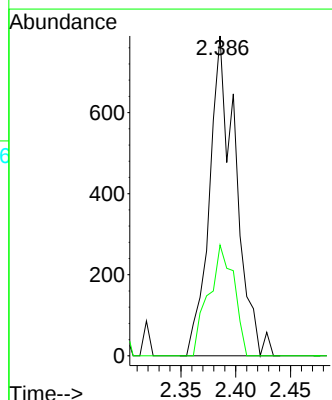
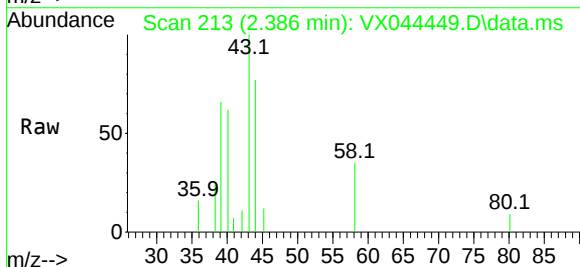
RT: 2.386 min Scan# 213

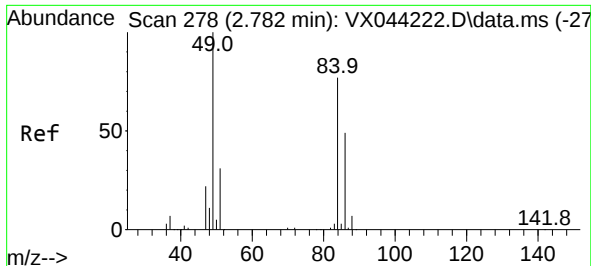
Delta R.T. -0.006 min

Lab File: VX044449.D

Acq: 20 Dec 2024 13:59

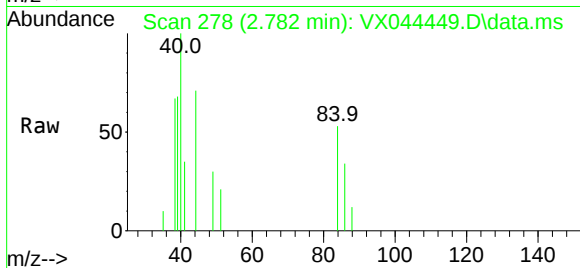
Tgt Ion:	43	Resp:	1314
Ion	Ratio	Lower	Upper
43	100		
58	34.6	21.6	32.4#



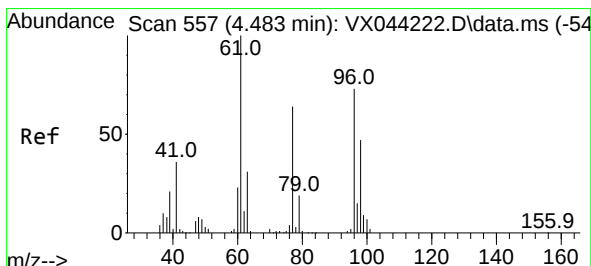
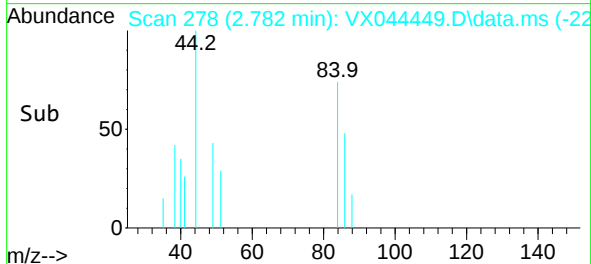
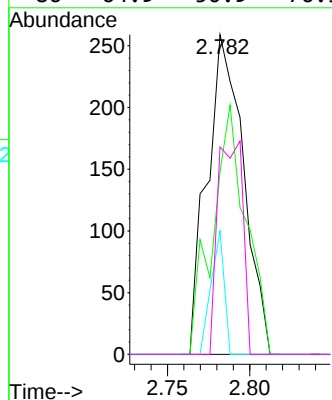


#20
Methylene Chloride
Concen: 0.260 ug/l
RT: 2.782 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :

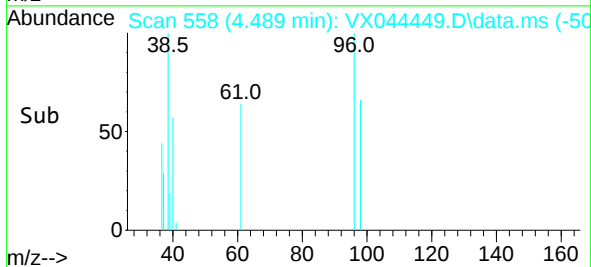
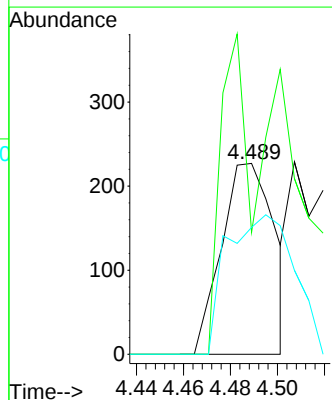
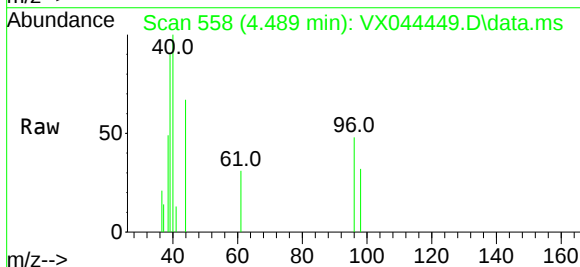


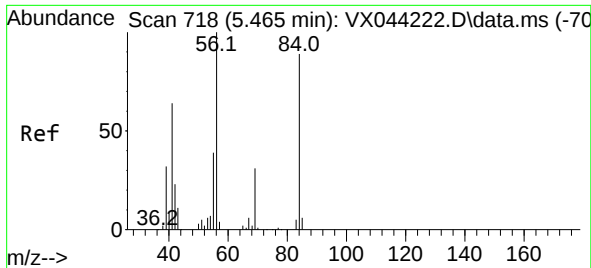
Tgt Ion:	84	Resp:	398
Ion	Ratio	Lower	Upper
84	100		
49	57.1	104.2	156.4#
51	38.6	32.2	48.4
86	64.9	50.9	76.3



#27
cis-1,2-Dichloroethene
Concen: 0.205 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

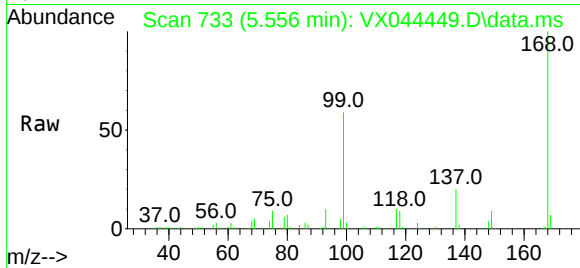
Tgt Ion:	96	Resp:	353
Ion	Ratio	Lower	Upper
96	100		
61	86.7	0.0	299.0
98	94.1	0.0	129.0



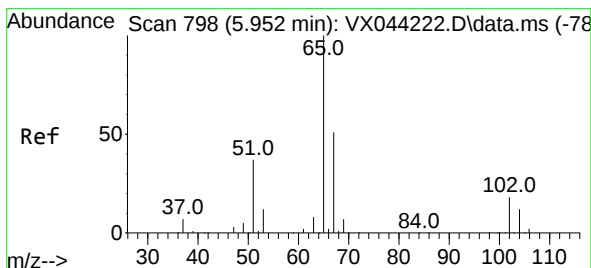
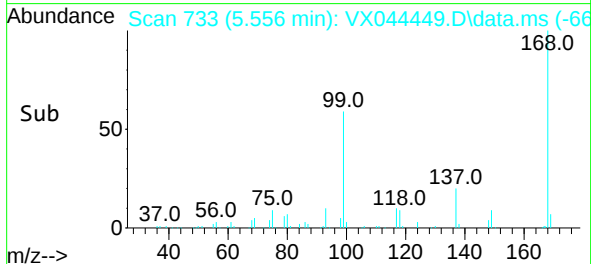
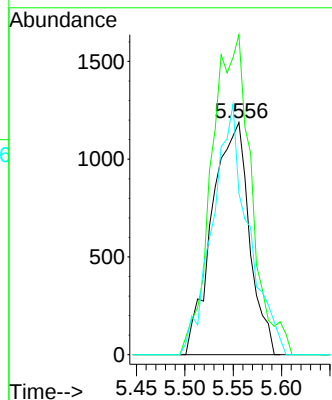


#31
Cyclohexane
Concen: 1.473 ug/l
RT: 5.556 min Scan# 718
Delta R.T. 0.091 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :

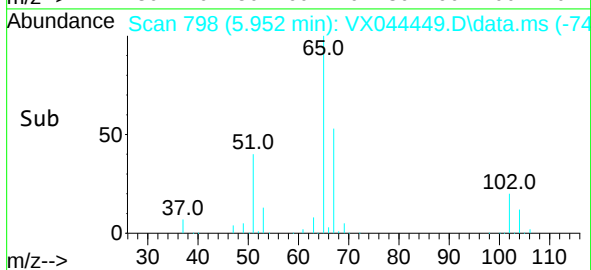
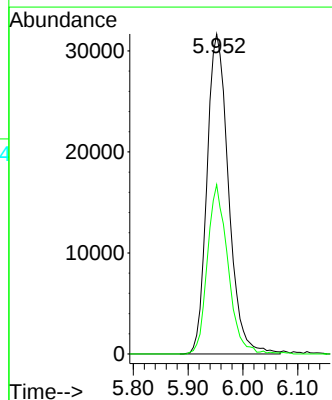
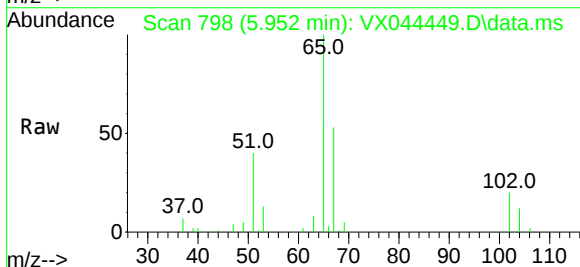


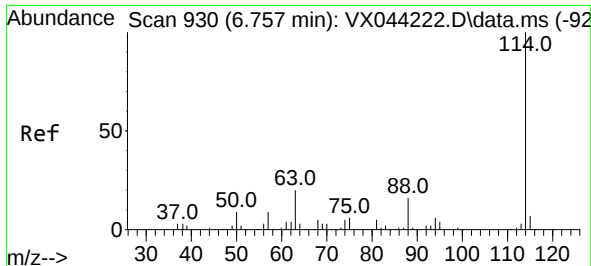
Tgt Ion: 56 Resp: 3176
Ion Ratio Lower Upper
56 100
69 137.8 24.7 37.1#
84 69.6 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 43.213 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Tgt Ion: 65 Resp: 86311
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.6

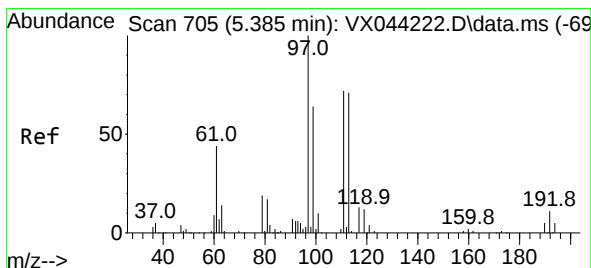
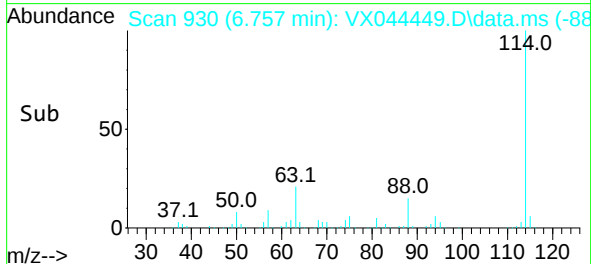
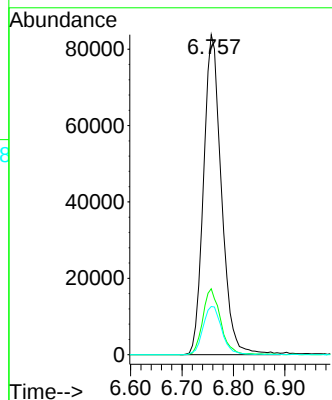
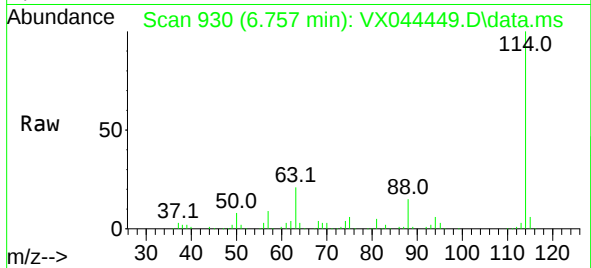




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

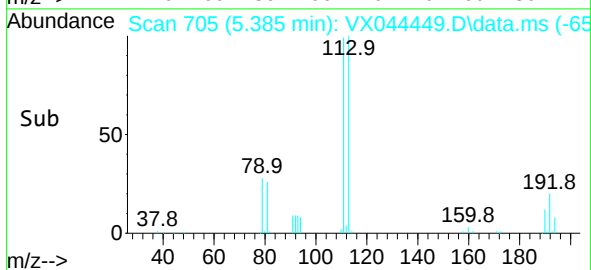
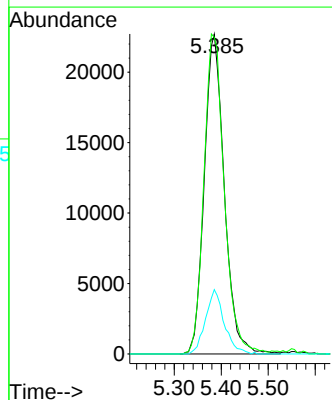
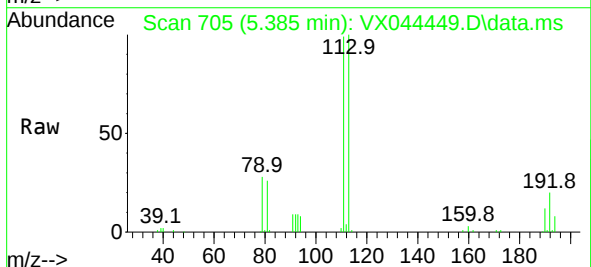
Instrument :
MSVOA_X
ClientSampleId :

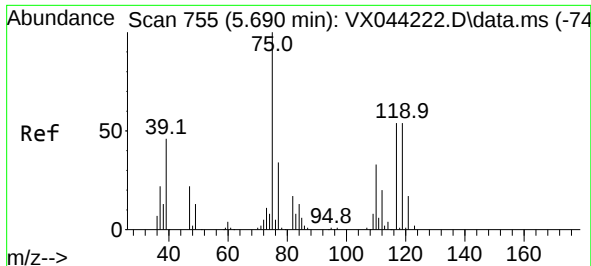
Tgt Ion:114 Resp: 202874
Ion Ratio Lower Upper
114 100
63 20.6 0.0 40.6
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.751 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

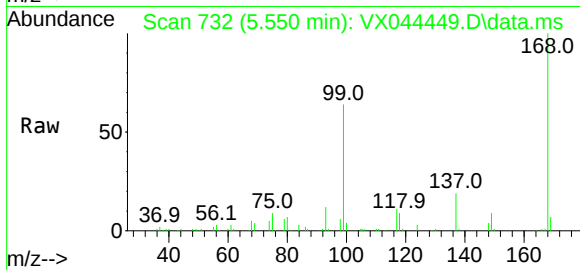
Tgt Ion:113 Resp: 67094
Ion Ratio Lower Upper
113 100
111 101.6 80.4 120.6
192 18.7 13.3 19.9



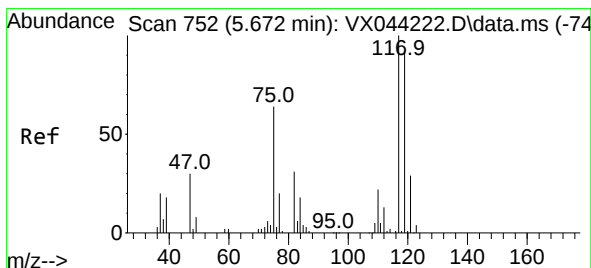
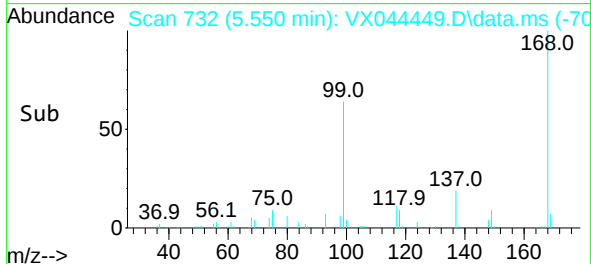
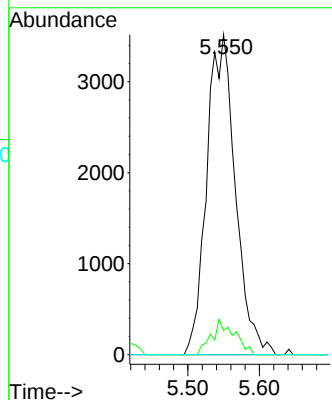


#36
1,1-Dichloropropene
Concen: 5.384 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :

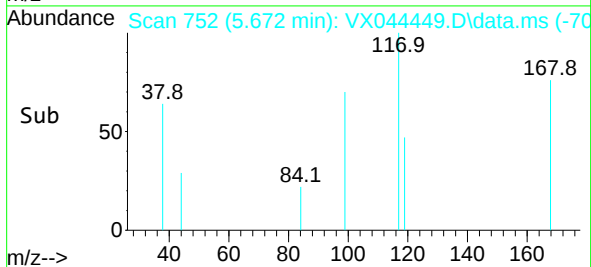
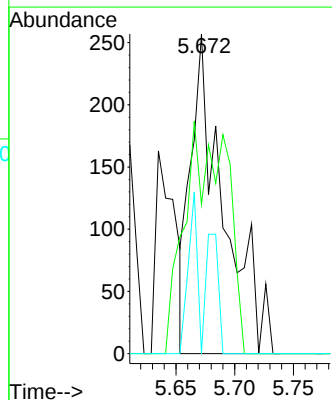
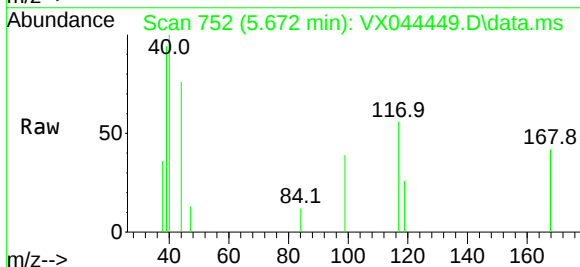


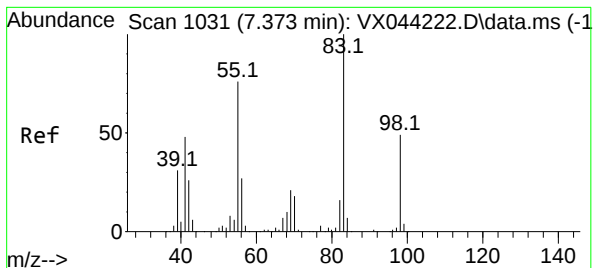
Tgt Ion: 75 Resp: 9779
Ion Ratio Lower Upper
75 100
110 8.8 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 0.255 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.000 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Tgt Ion: 117 Resp: 498
Ion Ratio Lower Upper
117 100
119 46.7 74.2 111.4#
121 0.0 23.0 34.6#





#39

Methylcyclohexane

Concen: 0.591 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.244 min

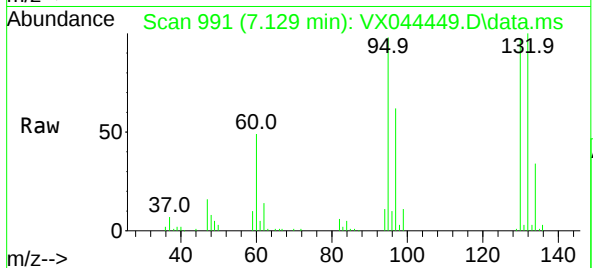
Lab File: VX044449.D

Acq: 20 Dec 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :



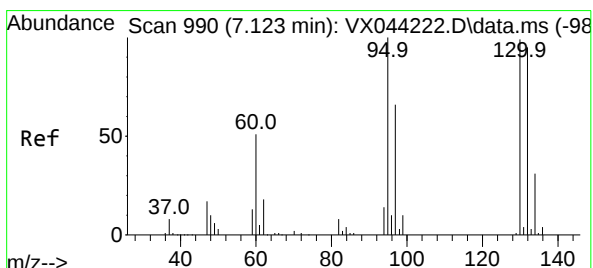
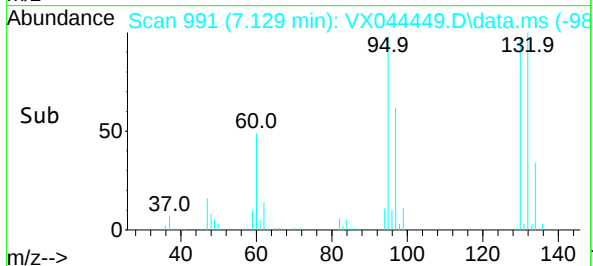
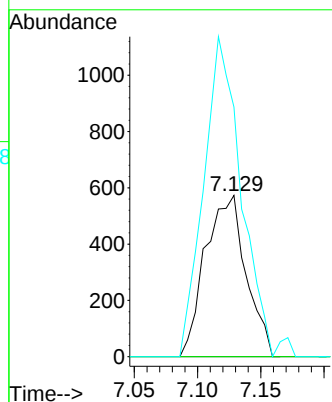
Tgt Ion: 83 Resp: 1283

Ion Ratio Lower Upper

83 100

55 0.0 60.7 91.1#

98 154.8 38.9 58.3#



#44

Trichloroethene

Concen: 60.531 ug/l

RT: 7.123 min Scan# 990

Delta R.T. -0.000 min

Lab File: VX044449.D

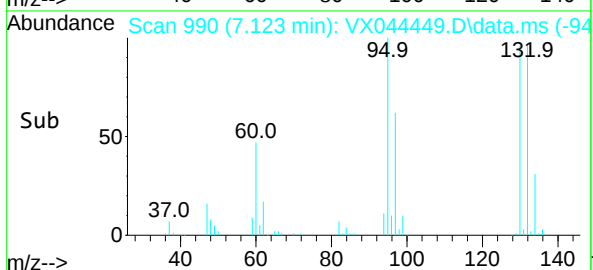
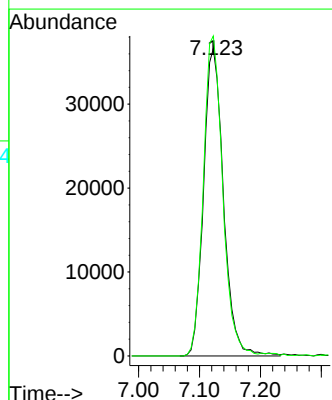
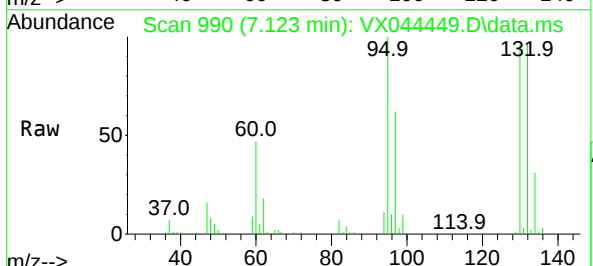
Acq: 20 Dec 2024 13:59

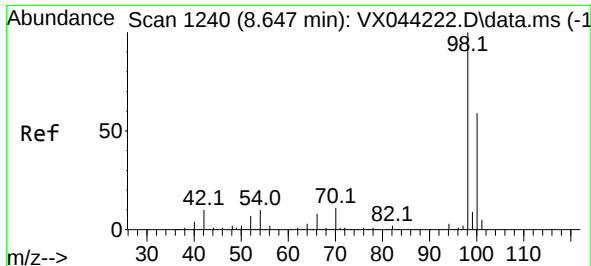
Tgt Ion:130 Resp: 83240

Ion Ratio Lower Upper

130 100

95 104.1 0.0 201.4

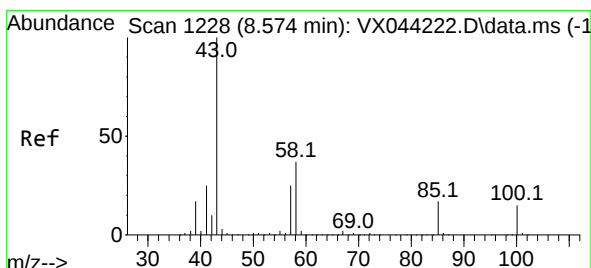
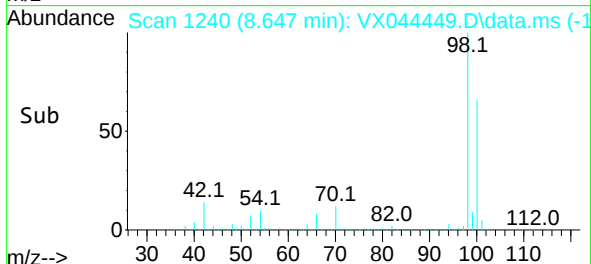
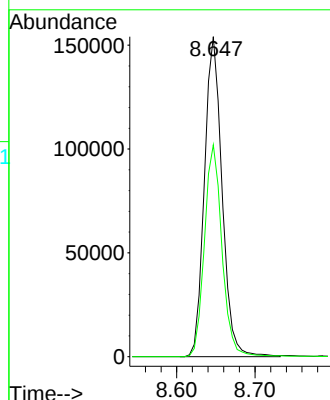
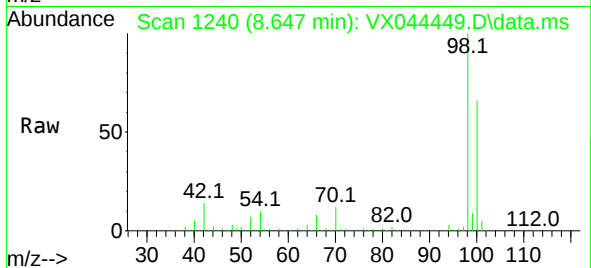




#50
Toluene-d8
Concen: 50.880 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

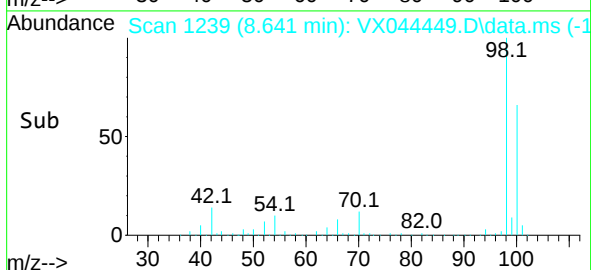
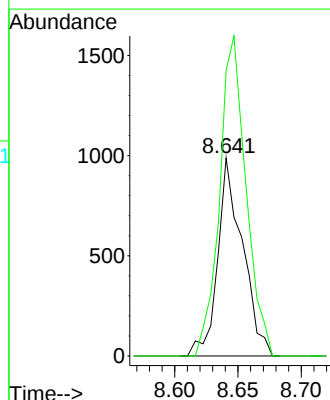
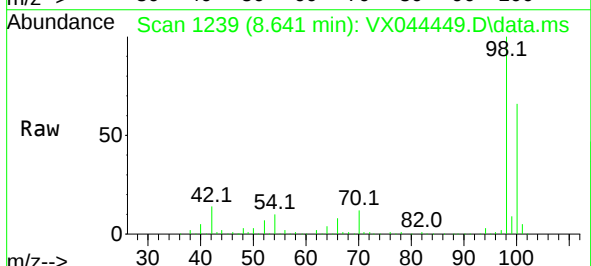
Instrument :
MSVOA_X
ClientSampleId :

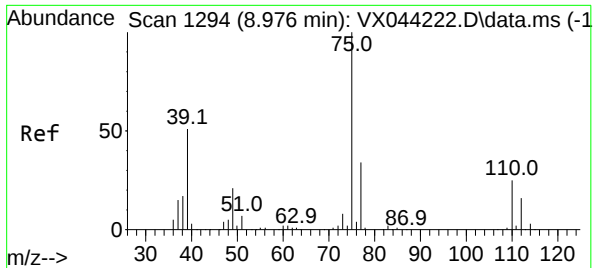
Tgt Ion: 98 Resp: 241190
Ion Ratio Lower Upper
98 100
100 65.8 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.597 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

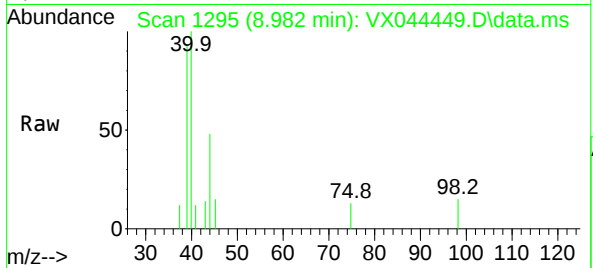
Tgt Ion: 43 Resp: 1347
Ion Ratio Lower Upper
43 100
58 172.2 29.4 44.0#



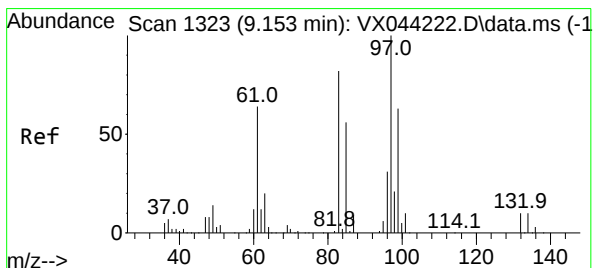
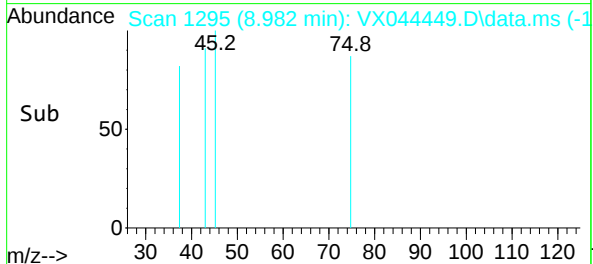
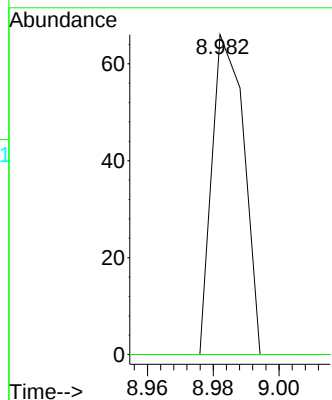


#53
t-1,3-Dichloropropene
Concen: 1.018 ug/l
RT: 8.982 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :

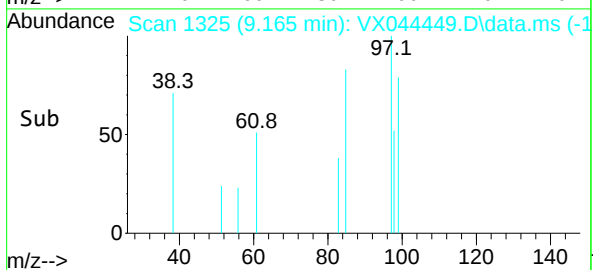
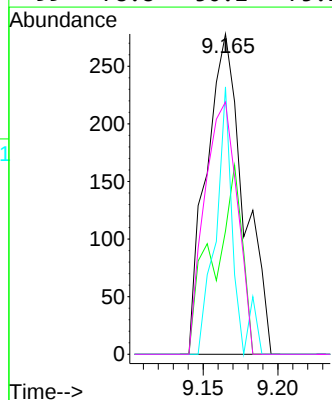
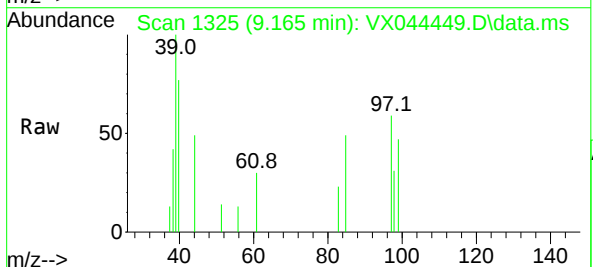


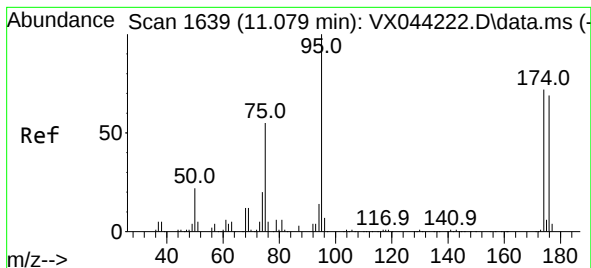
Tgt Ion: 75 Resp: 44
Ion Ratio Lower Upper
75 100
77 0.0 27.2 40.8#



#55
1,1,2-Trichloroethane
Concen: 0.351 ug/l
RT: 9.165 min Scan# 1325
Delta R.T. 0.012 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Tgt Ion: 97 Resp: 483
Ion Ratio Lower Upper
97 100
83 38.5 65.3 97.9#
85 83.5 44.6 67.0#
99 78.8 50.2 75.2#

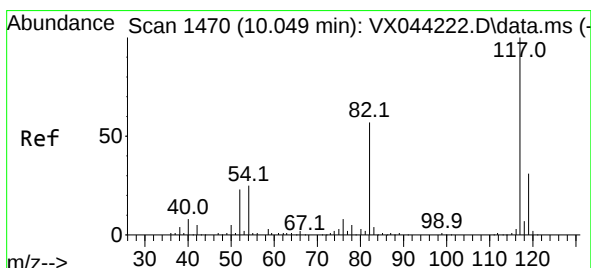
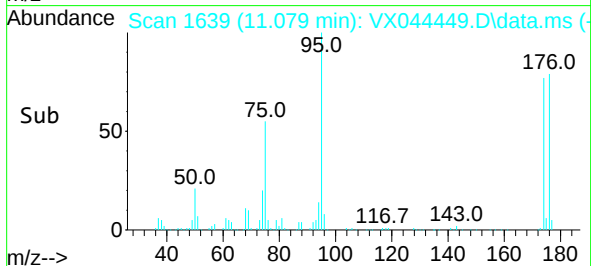
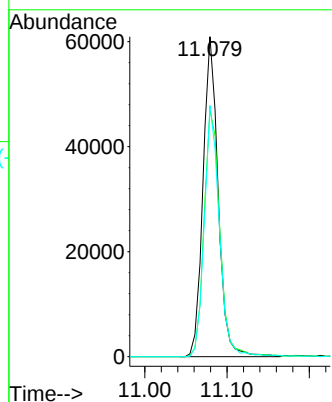
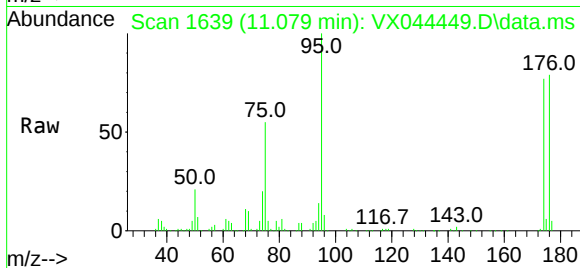




#62
4-Bromofluorobenzene
Concen: 47.010 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

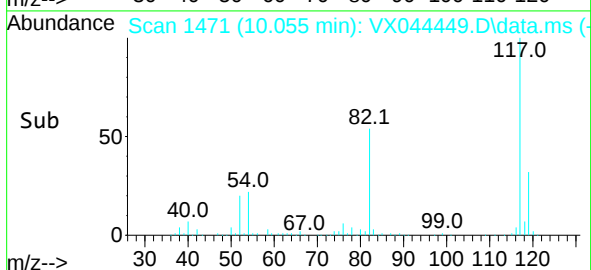
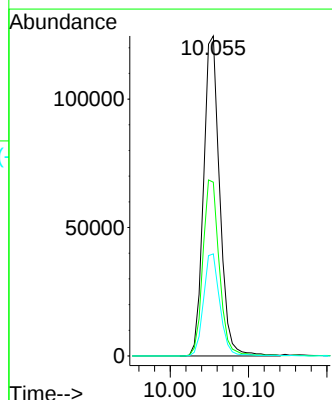
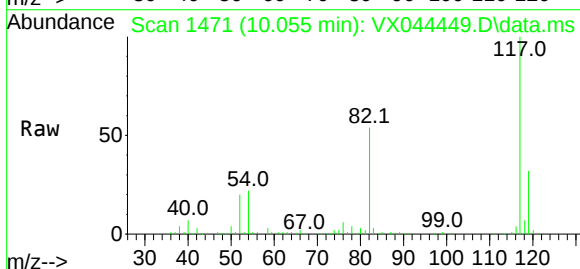
Instrument :
MSVOA_X
ClientSampleId :

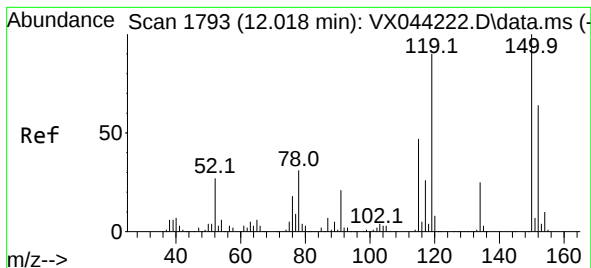
Tgt Ion: 95 Resp: 77867
Ion Ratio Lower Upper
95 100
174 80.9 0.0 145.8
176 78.5 0.0 137.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Tgt Ion: 117 Resp: 177737
Ion Ratio Lower Upper
117 100
82 54.3 45.8 68.8
119 31.9 25.0 37.4





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX044449.D

Acq: 20 Dec 2024 13:59

Instrument :

MSVOA_X

ClientSampleId :

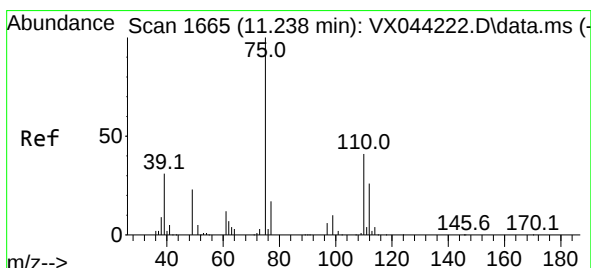
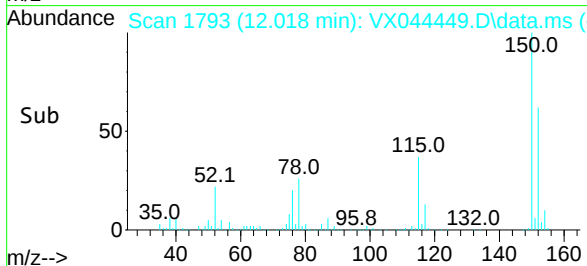
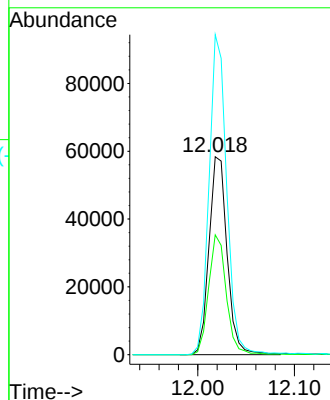
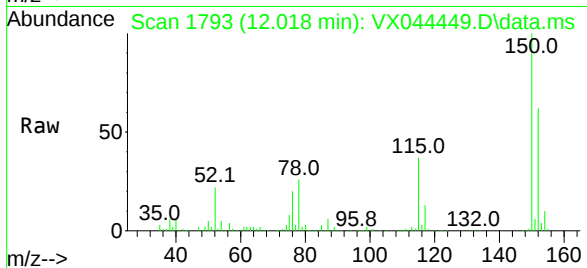
Tgt Ion:152 Resp: 76153

Ion Ratio Lower Upper

152 100

115 59.0 44.5 133.3

150 157.4 0.0 353.8



#76

1,2,3-Trichloropropane

Concen: 24.952 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX044449.D

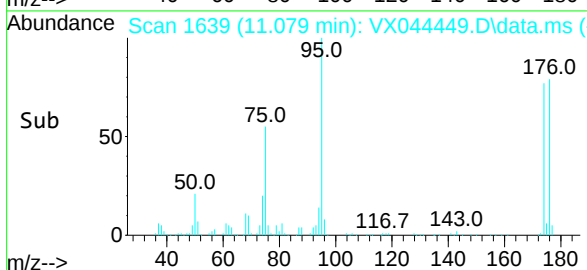
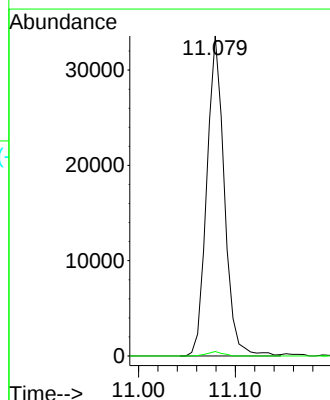
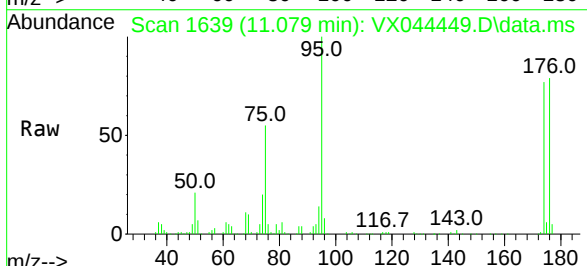
Acq: 20 Dec 2024 13:59

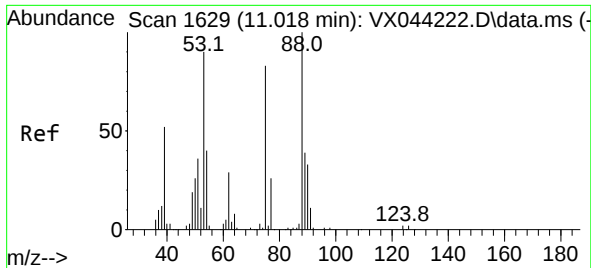
Tgt Ion: 75 Resp: 42426

Ion Ratio Lower Upper

75 100

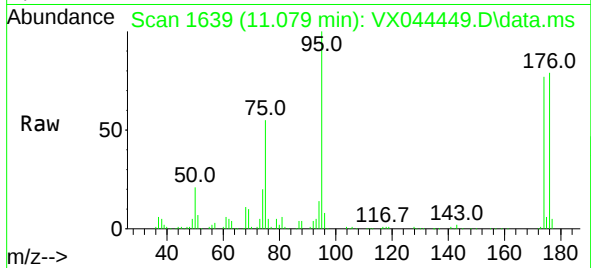
77 1.2 20.9 62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.101 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX044449.D
Acq: 20 Dec 2024 13:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 42426
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

