

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044330.D
 Acq On : 16 Dec 2024 17:40
 Operator : JC/MD
 Sample : P5261-21
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 17 00:53:54 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	113669	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	206160	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	175529	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	65733	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	92454	46.390	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.780%
35) Dibromofluoromethane	5.385	113	66381	46.490	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.980%
50) Toluene-d8	8.647	98	247983	51.479	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.960%
62) 4-Bromofluorobenzene	11.079	95	74309	44.147	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.300%

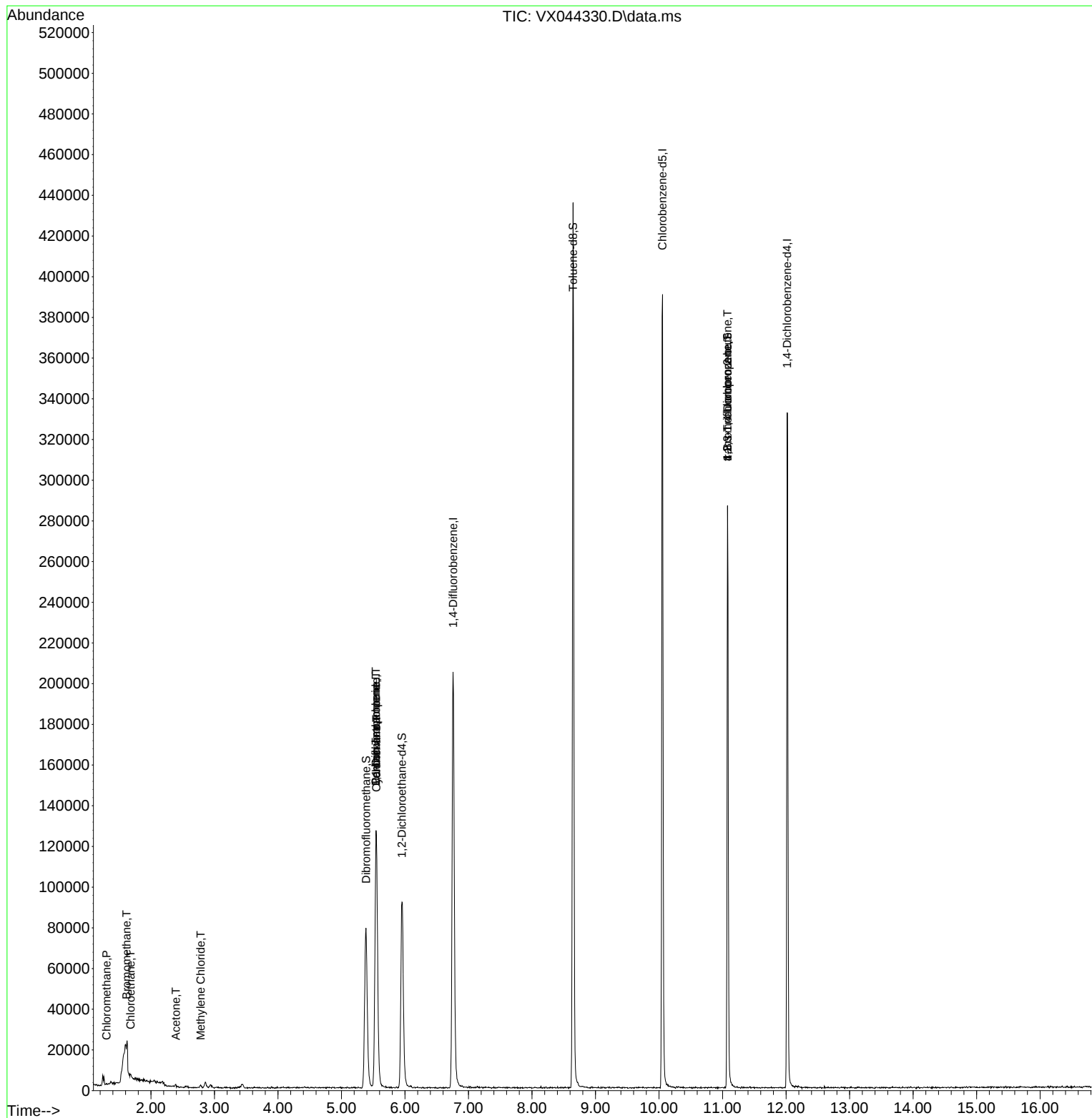
Target Compounds					Qvalue	
3) Chloromethane	1.300	50	353	0.210	ug/l #	42
5) Bromomethane	1.617	94	345	0.278	ug/l #	3
6) Chloroethane	1.678	64	299	0.274	ug/l #	41
16) Acetone	2.392	43	882	1.086	ug/l #	80
20) Methylene Chloride	2.782	84	390	0.256	ug/l #	82
31) Cyclohexane	5.550	56	3122	1.451	ug/l #	23
36) 1,1-Dichloropropene	5.544	75	10494	5.686	ug/l #	49
38) Carbon Tetrachloride	5.544	117	12345	6.213	ug/l #	17
76) 1,2,3-Trichloropropane	11.079	75	42653	29.062	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	42653	79.564	ug/l #	4

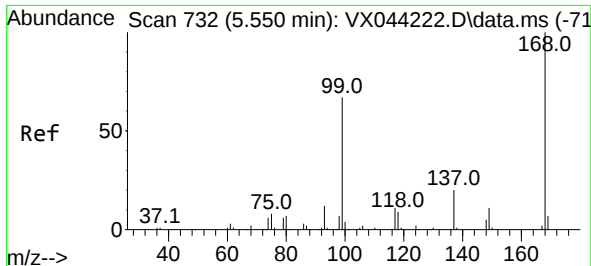
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

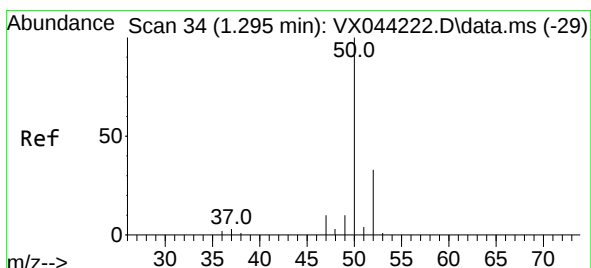
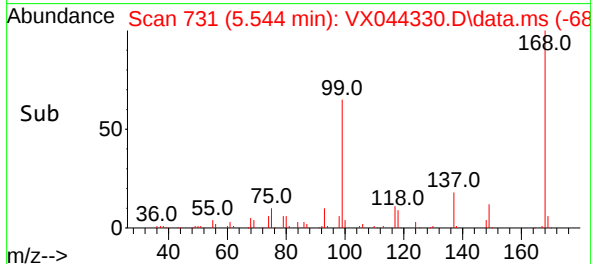
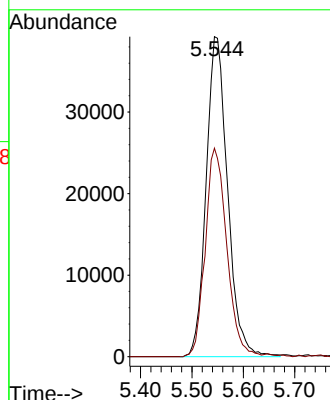
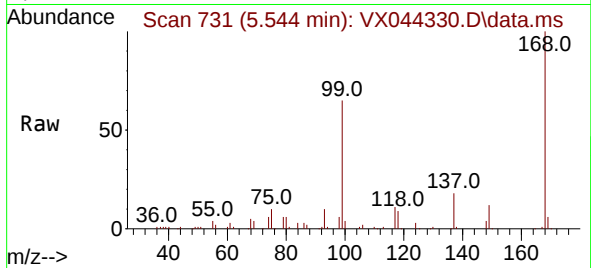




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

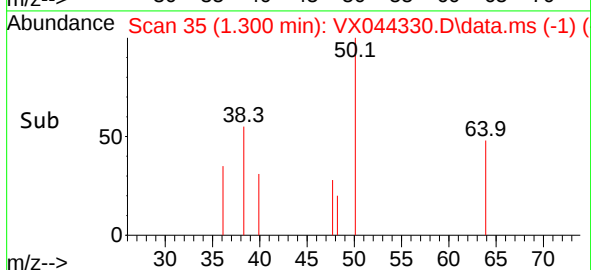
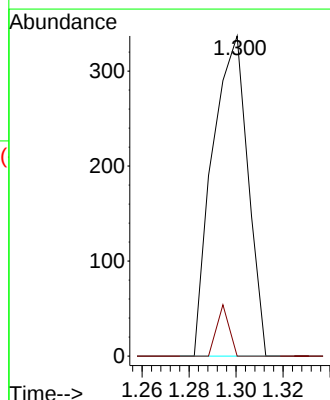
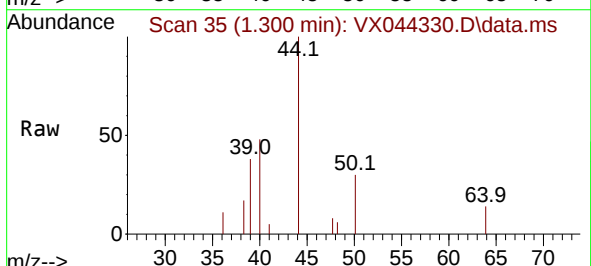
Instrument :
MSVOA_X
ClientSampleId :

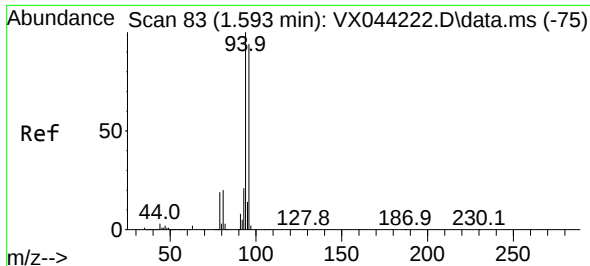
Tgt Ion:168 Resp: 113669
Ion Ratio Lower Upper
168 100
99 65.2 53.4 80.0



#3
Chloromethane
Concen: 0.210 ug/l
RT: 1.300 min Scan# 35
Delta R.T. 0.006 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

Tgt Ion: 50 Resp: 353
Ion Ratio Lower Upper
50 100
52 0.0 26.5 39.7#

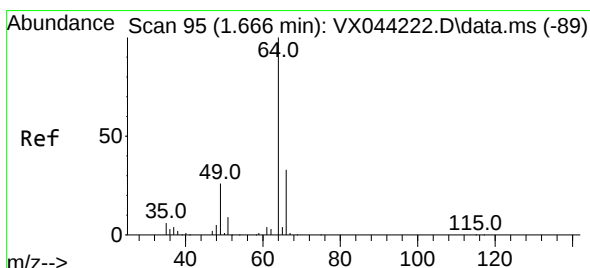
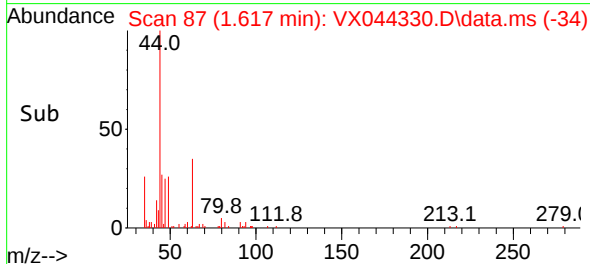
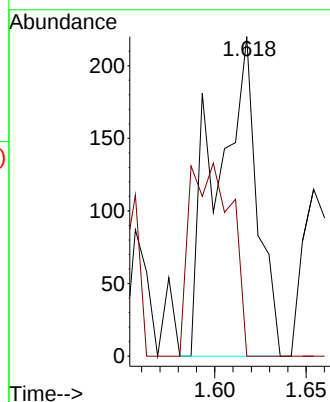
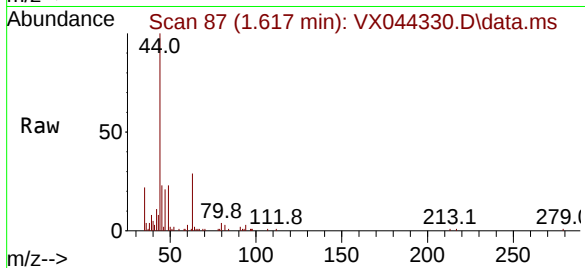




#5
Bromomethane
Concen: 0.278 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.024 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

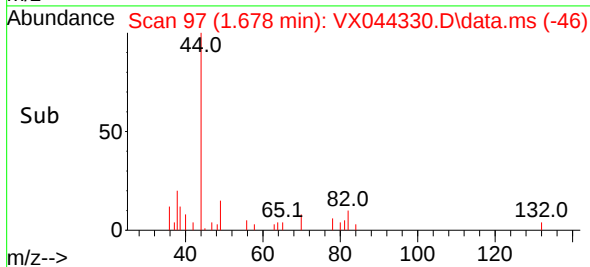
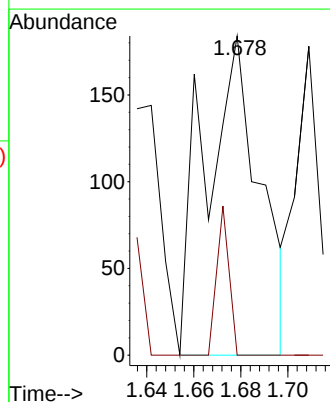
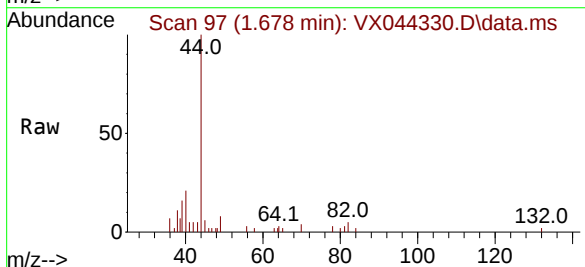
Instrument :
MSVOA_X
ClientSampleId :

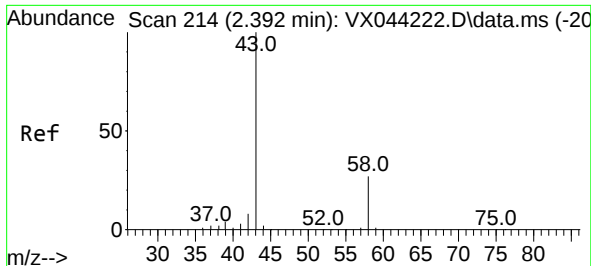
Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 0.0 74.9 112.3#



#6
Chloroethane
Concen: 0.274 ug/l
RT: 1.678 min Scan# 97
Delta R.T. 0.012 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

Tgt Ion: 64 Resp: 299
Ion Ratio Lower Upper
64 100
66 0.0 26.6 39.8#





#16

Acetone

Concen: 1.086 ug/l

RT: 2.392 min Scan# 214

Delta R.T. -0.000 min

Lab File: VX044330.D

Acq: 16 Dec 2024 17:40

Instrument :

MSVOA_X

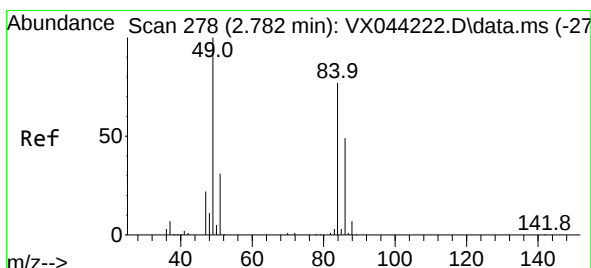
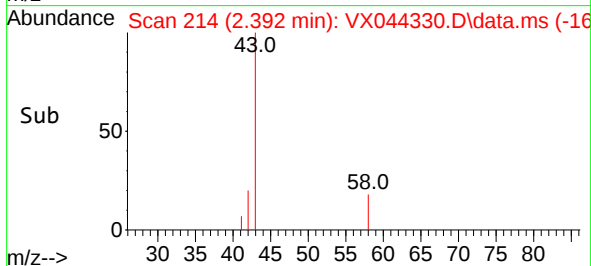
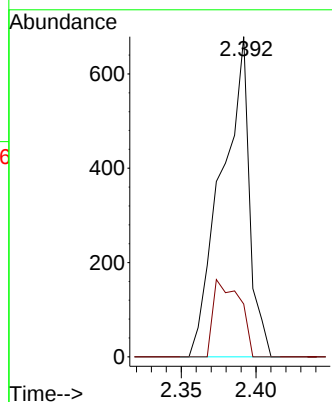
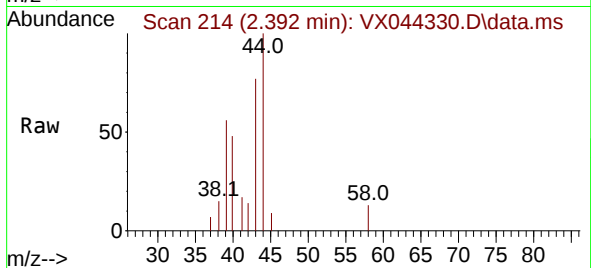
ClientSampleId :

Tgt Ion: 43 Resp: 882

Ion Ratio Lower Upper

43 100

58 16.5 21.6 32.4#



#20

Methylene Chloride

Concen: 0.256 ug/l

RT: 2.782 min Scan# 278

Delta R.T. -0.000 min

Lab File: VX044330.D

Acq: 16 Dec 2024 17:40

Tgt Ion: 84 Resp: 390

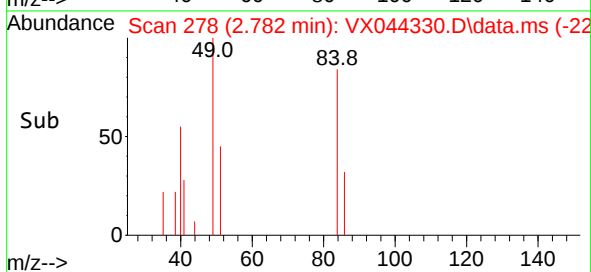
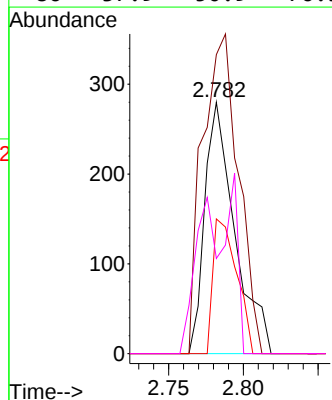
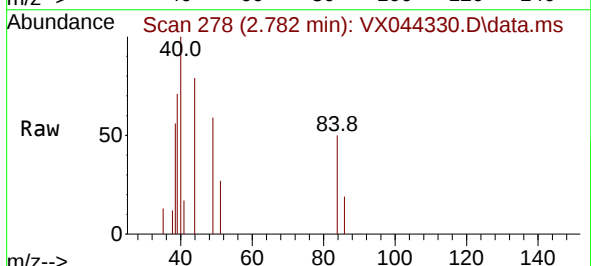
Ion Ratio Lower Upper

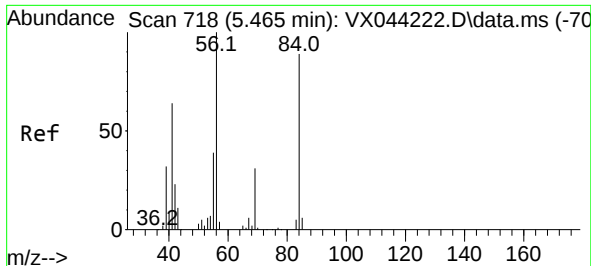
84 100

49 118.9 104.2 156.4

51 53.6 32.2 48.4#

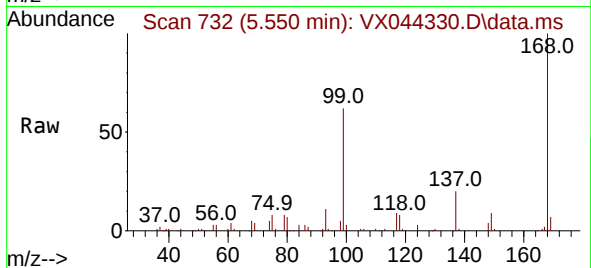
86 37.9 50.9 76.3#



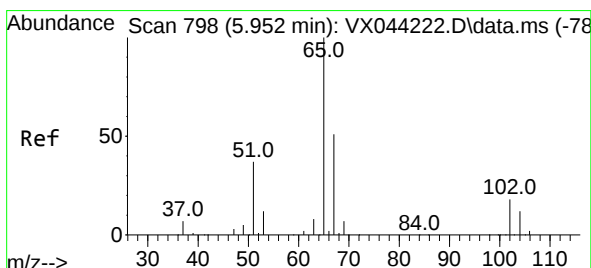
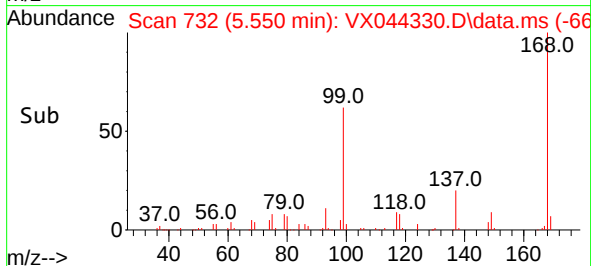
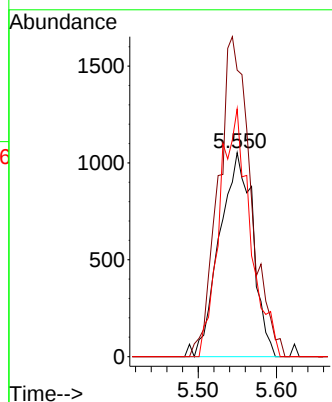


#31
Cyclohexane
Concen: 1.451 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

Instrument :
MSVOA_X
ClientSampleId :

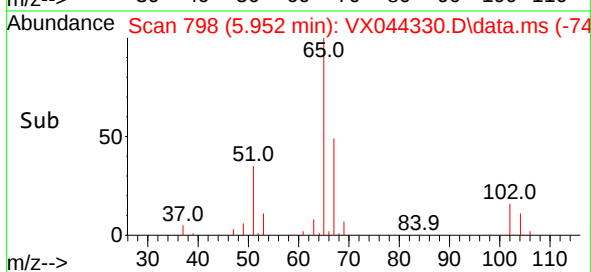
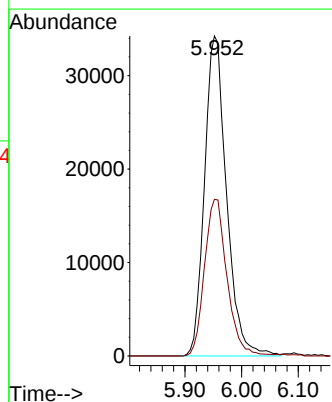
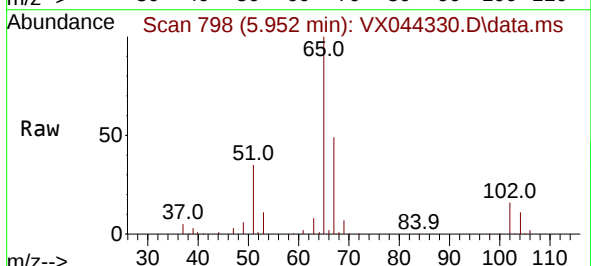


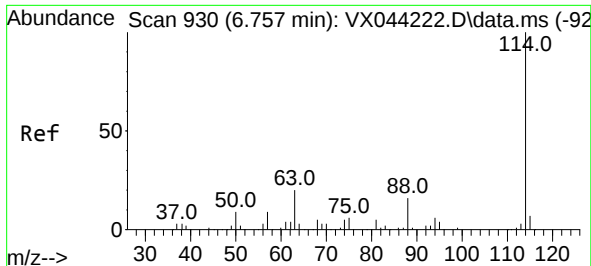
Tgt Ion: 56 Resp: 3122
Ion Ratio Lower Upper
56 100
69 140.5 24.7 37.1#
84 121.5 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 46.390 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

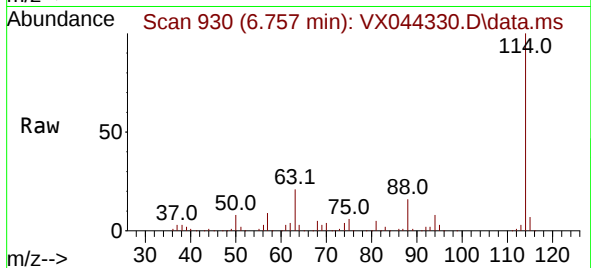
Tgt Ion: 65 Resp: 92454
Ion Ratio Lower Upper
65 100
67 49.9 0.0 101.6



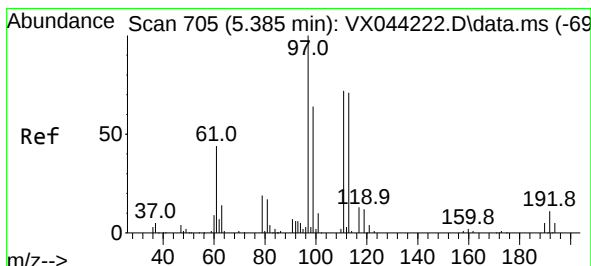
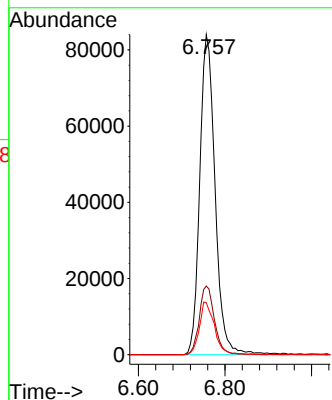
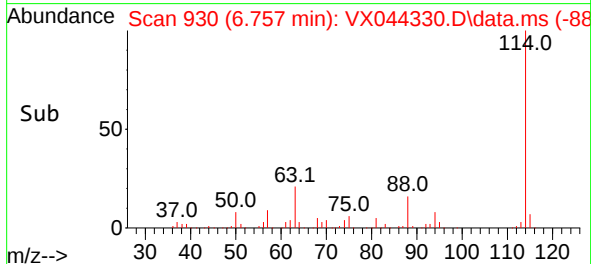


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

Instrument :
MSVOA_X
ClientSampleId :

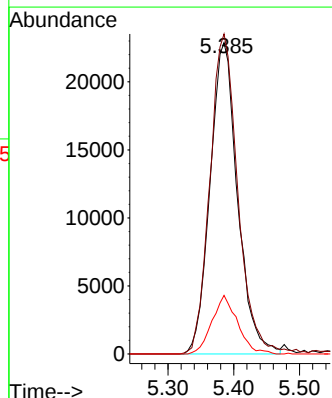
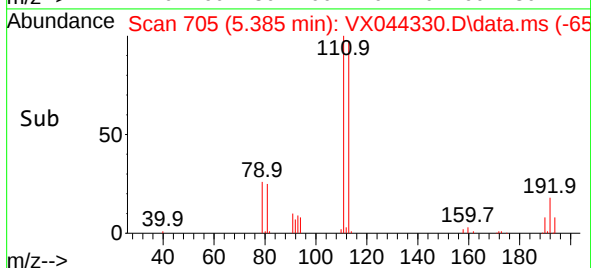
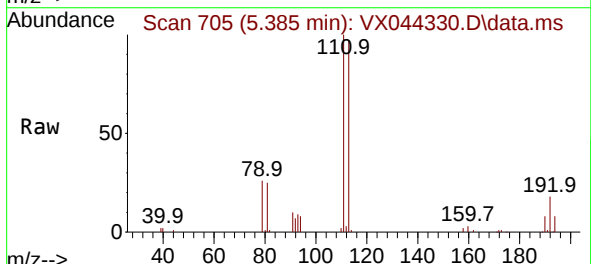


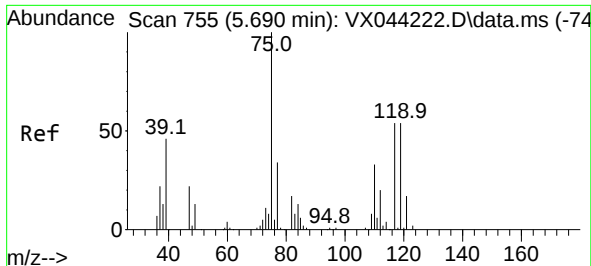
Tgt Ion:114 Resp: 206160
Ion Ratio Lower Upper
114 100
63 21.5 0.0 40.6
88 16.2 0.0 31.8



#35
Dibromofluoromethane
Concen: 46.490 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

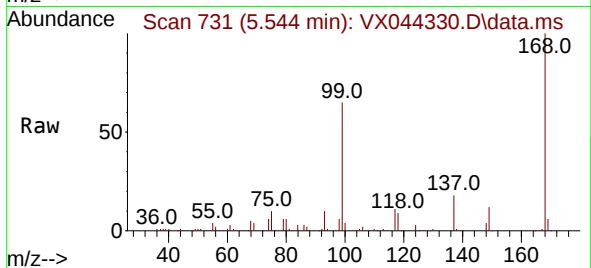
Tgt Ion:113 Resp: 66381
Ion Ratio Lower Upper
113 100
111 104.9 80.4 120.6
192 17.6 13.3 19.9



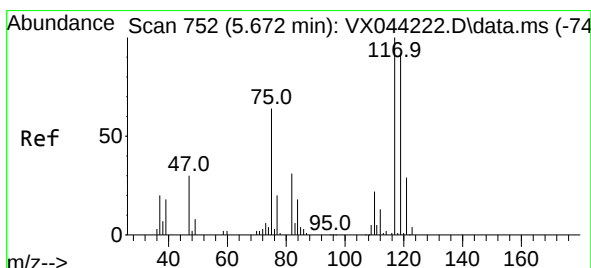
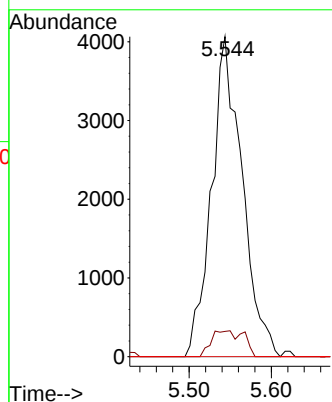
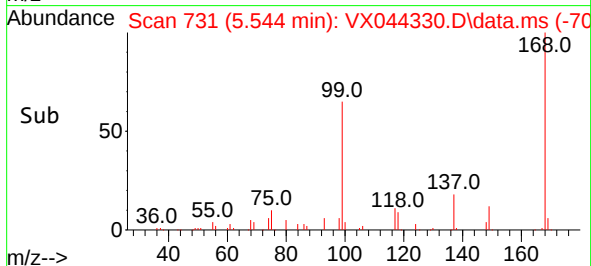


#36
 1,1-Dichloropropene
 Concen: 5.686 ug/l
 RT: 5.544 min Scan# 711
 Delta R.T. -0.146 min
 Lab File: VX044330.D
 Acq: 16 Dec 2024 17:40

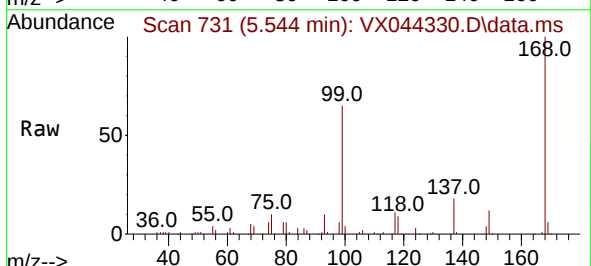
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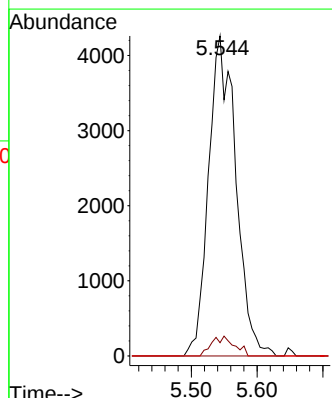
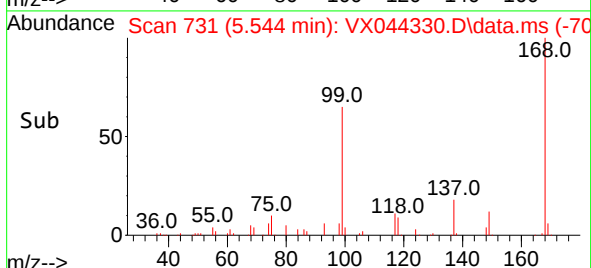
Tgt Ion: 75 Resp: 10494
 Ion Ratio Lower Upper
 75 100
 110 8.7 17.3 51.7#
 77 0.0 25.4 38.0#

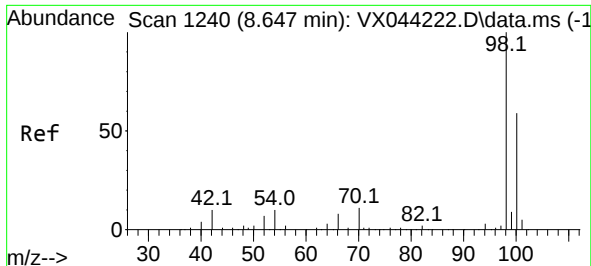


#38
 Carbon Tetrachloride
 Concen: 6.213 ug/l
 RT: 5.544 min Scan# 731
 Delta R.T. -0.128 min
 Lab File: VX044330.D
 Acq: 16 Dec 2024 17:40



Tgt Ion: 117 Resp: 12345
 Ion Ratio Lower Upper
 117 100
 119 4.2 74.2 111.4#
 121 0.0 23.0 34.6#

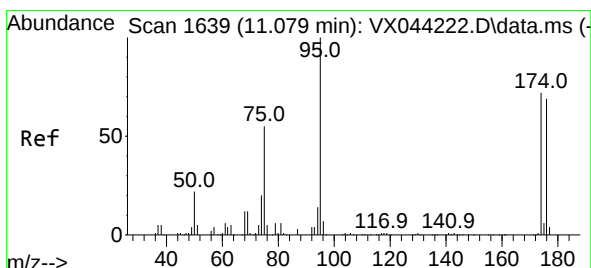
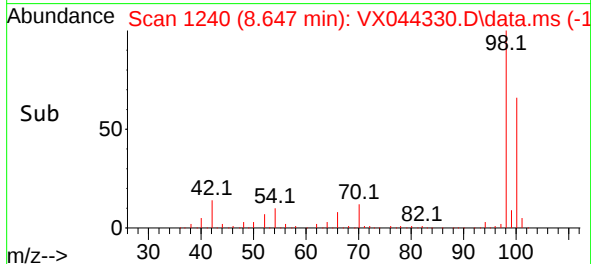
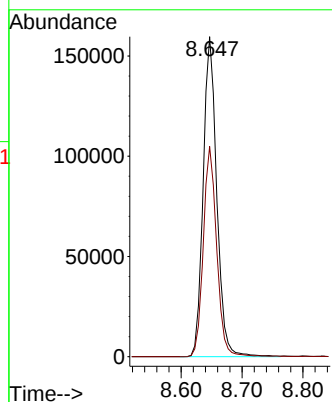
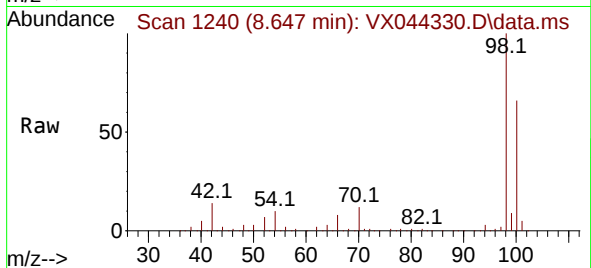




#50
Toluene-d8
Concen: 51.479 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

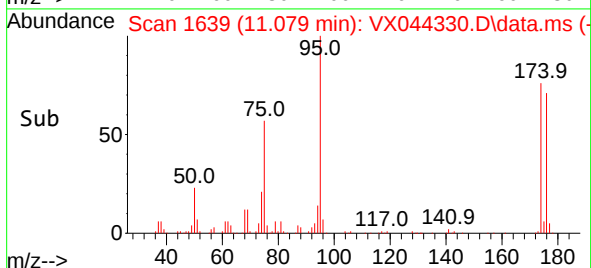
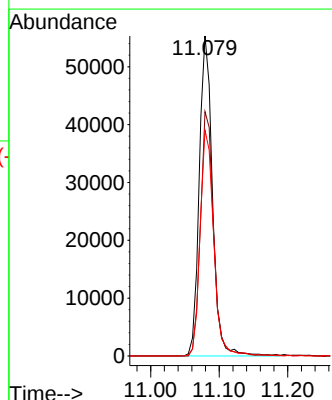
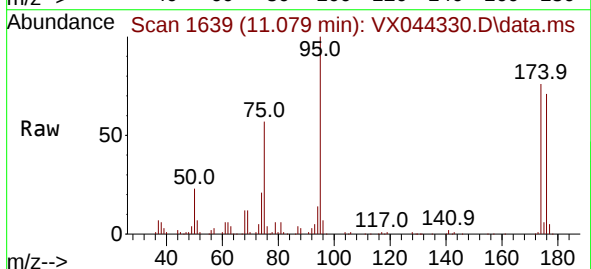
Instrument :
MSVOA_X
ClientSampleId :

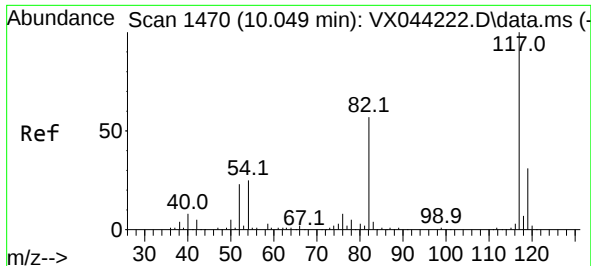
Tgt Ion: 98 Resp: 247983
Ion Ratio Lower Upper
98 100
100 64.8 51.5 77.3



#62
4-Bromofluorobenzene
Concen: 44.147 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

Tgt Ion: 95 Resp: 74309
Ion Ratio Lower Upper
95 100
174 75.9 0.0 145.8
176 72.5 0.0 137.8

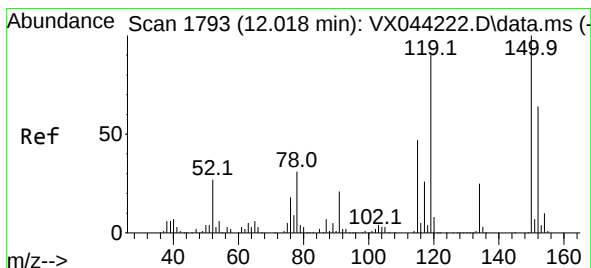
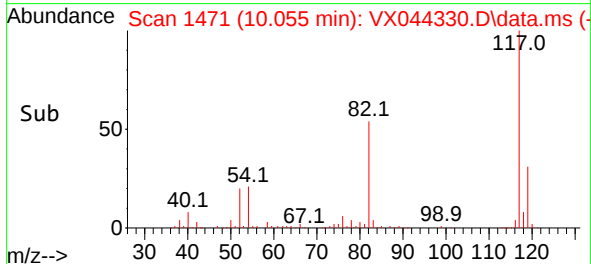
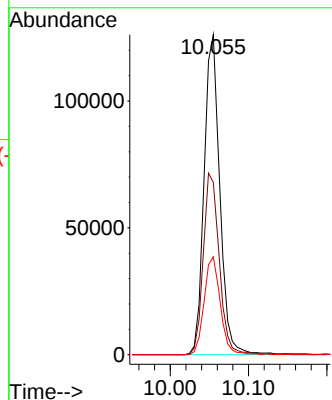
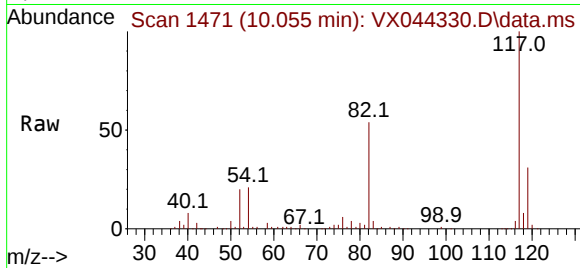




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

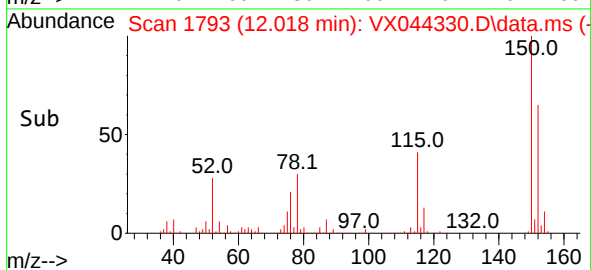
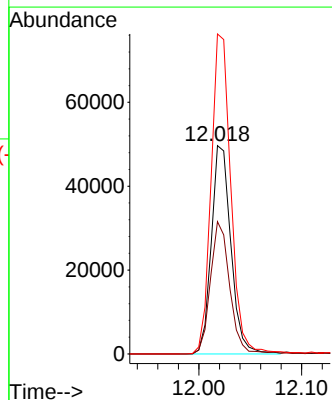
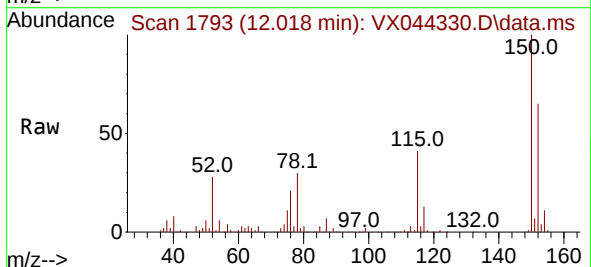
Instrument :
MSVOA_X
ClientSampleId :

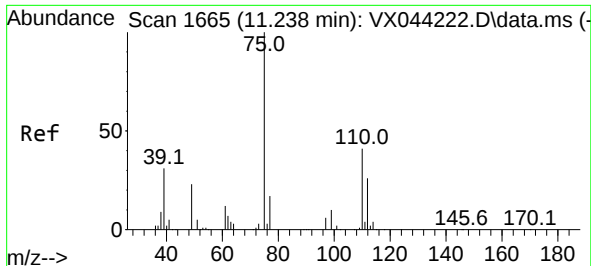
Tgt Ion:117 Resp: 175529
Ion Ratio Lower Upper
117 100
82 53.9 45.8 68.8
119 30.6 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

Tgt Ion:152 Resp: 65733
Ion Ratio Lower Upper
152 100
115 62.8 44.5 133.3
150 154.8 0.0 353.8

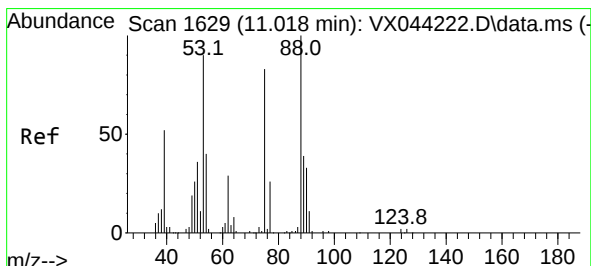
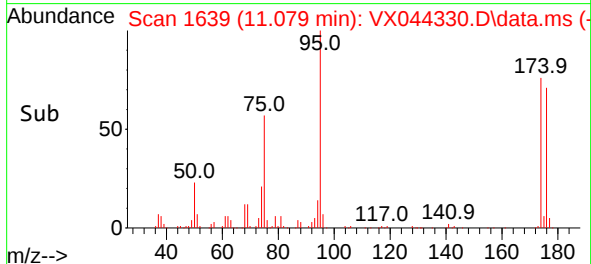
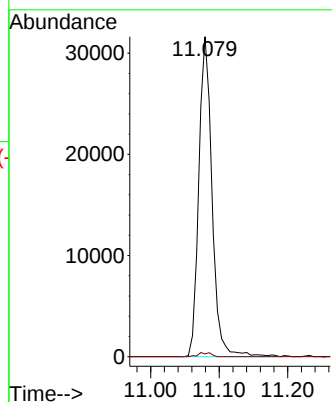
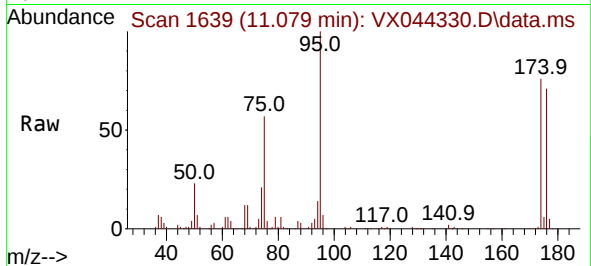




#76
1,2,3-Trichloropropane
Concen: 29.062 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 42653
Ion Ratio Lower Upper
75 100
77 1.2 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 79.564 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044330.D
Acq: 16 Dec 2024 17:40

Tgt Ion: 75 Resp: 42653
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

