

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044329.D
 Acq On : 16 Dec 2024 17:16
 Operator : JC/MD
 Sample : P5261-20DL 20X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE134D4-20241210DL

Quant Time: Dec 17 00:53:29 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)

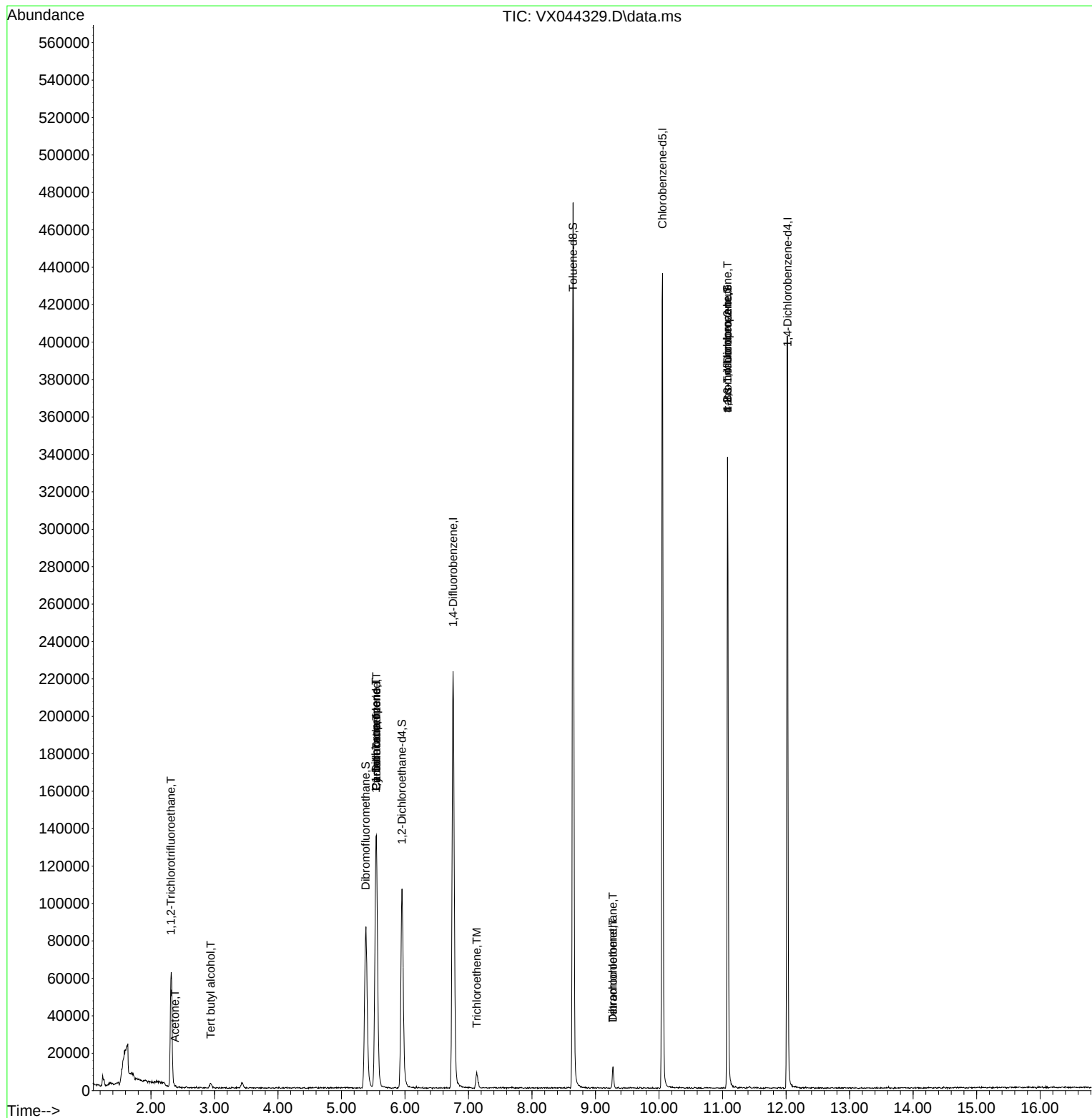
Internal Standards						
1) Pentafluorobenzene	5.550	168	120147	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	223179	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192838	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77949	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	100578	47.745	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	95.480%
35) Dibromofluoromethane	5.379	113	73884	47.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.600%
50) Toluene-d8	8.647	98	270743	51.918	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	103.840%
62) 4-Bromofluorobenzene	11.079	95	86245	47.331	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.660%
Target Compounds						Qvalue
9) 1,1,2-Trichlorotrifluo...	2.312	101	24512	16.718	ug/l	99
11) Tert butyl alcohol	2.940	59	1474	4.965	ug/l #	71
16) Acetone	2.380	43	496	0.578	ug/l #	48
31) Cyclohexane	5.550	56	3141	1.381	ug/l #	42
36) 1,1-Dichloropropene	5.544	75	11086	5.548	ug/l #	52
38) Carbon Tetrachloride	5.550	117	13418	6.238	ug/l #	20
44) Trichloroethene	7.129	130	3280	2.168	ug/l	94
60) Dibromochloromethane	9.275	129	1965	2.481	ug/l #	11
64) Tetrachloroethene	9.275	164	1795	1.402	ug/l	90
76) 1,2,3-Trichloropropane	11.079	75	49356	28.359	ug/l #	35
81) trans-1,4-Dichloro-2-b...	11.079	75	49356	77.774	ug/l #	4

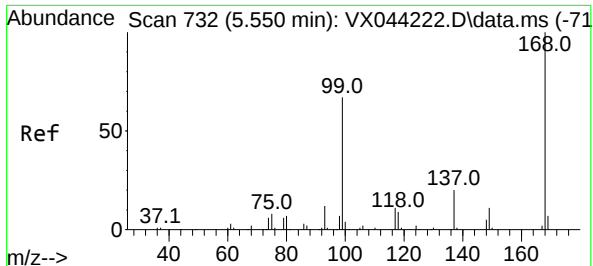
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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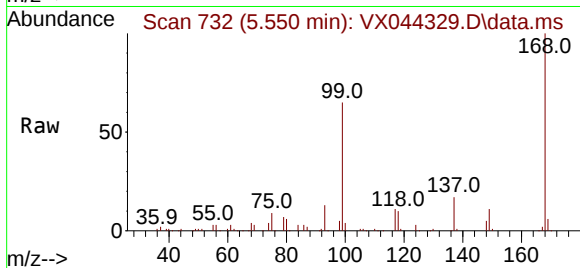
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X121124W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 12 04:28:14 2024
Response via : Initial Calibration



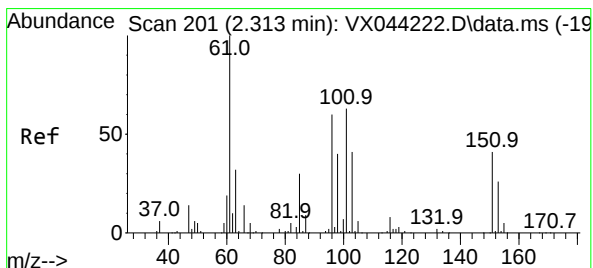
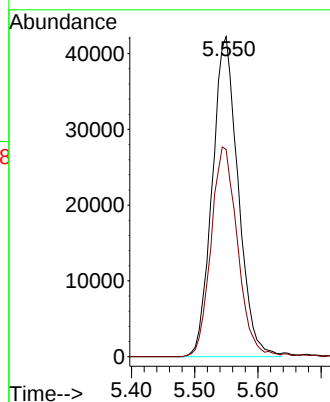
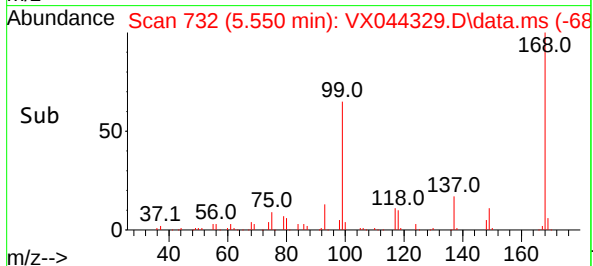


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210DL

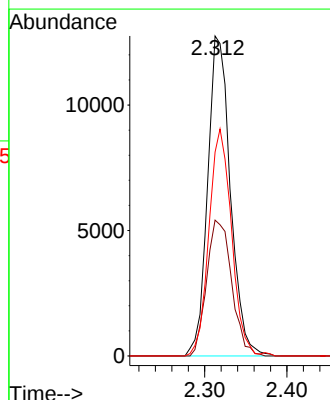
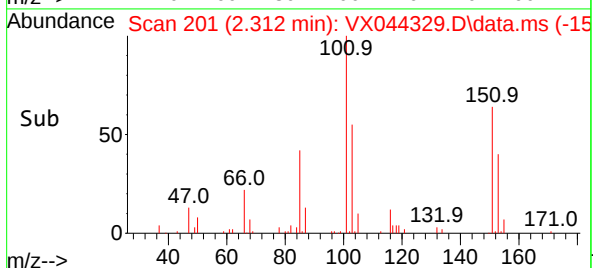
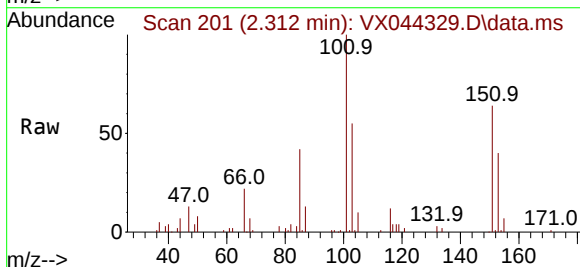


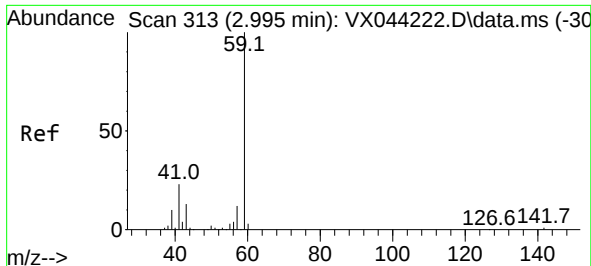
Tgt Ion:168 Resp: 120147
Ion Ratio Lower Upper
168 100
99 64.7 53.4 80.0



#9
1,1,2-Trichlorotrifluoroethane
Concen: 16.718 ug/l
RT: 2.312 min Scan# 201
Delta R.T. -0.000 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

Tgt Ion:101 Resp: 24512
Ion Ratio Lower Upper
101 100
85 46.7 38.5 57.7
151 70.3 55.8 83.6





#11

Tert butyl alcohol

Concen: 4.965 ug/l

RT: 2.940 min Scan# 304

Delta R.T. -0.055 min

Lab File: VX044329.D

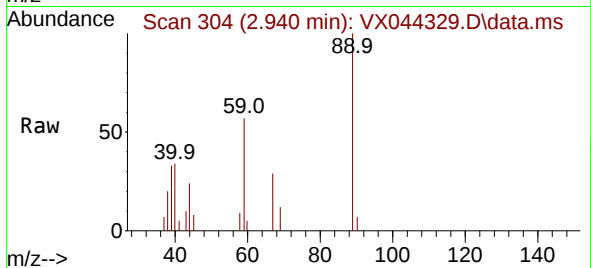
Acq: 16 Dec 2024 17:16

Instrument :

MSVOA_X

ClientSampleId :

RE134D4-20241210DL

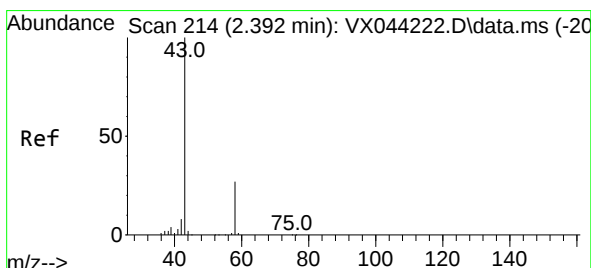
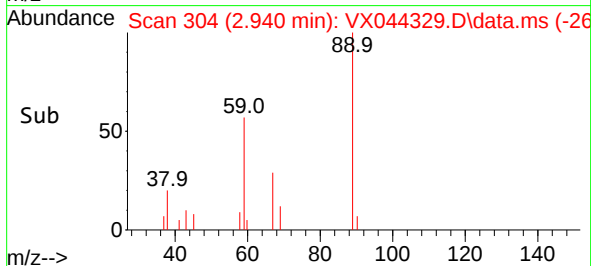
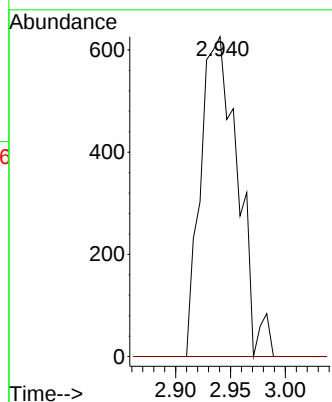


Tgt Ion: 59 Resp: 1474

Ion Ratio Lower Upper

59 100

57 0.0 8.8 13.2#



#16

Acetone

Concen: 0.578 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.012 min

Lab File: VX044329.D

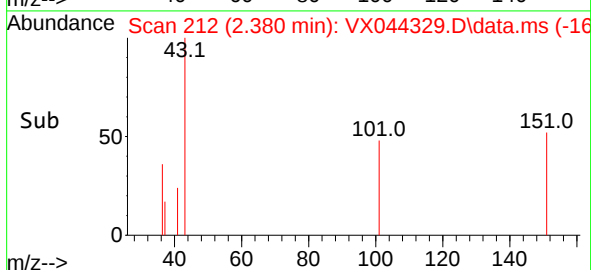
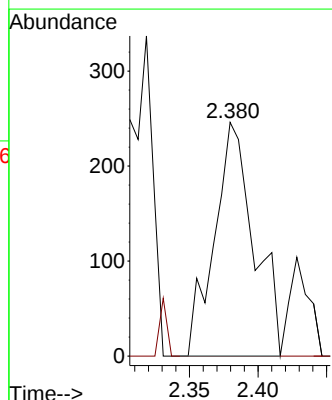
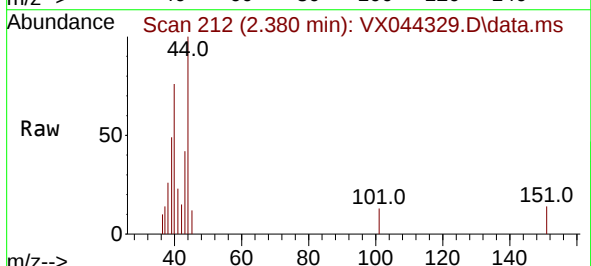
Acq: 16 Dec 2024 17:16

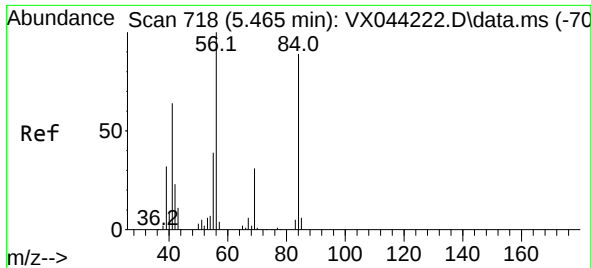
Tgt Ion: 43 Resp: 496

Ion Ratio Lower Upper

43 100

58 0.0 21.6 32.4#

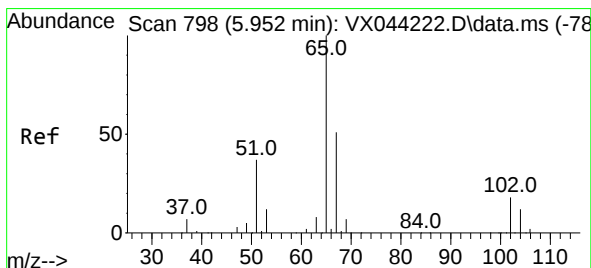
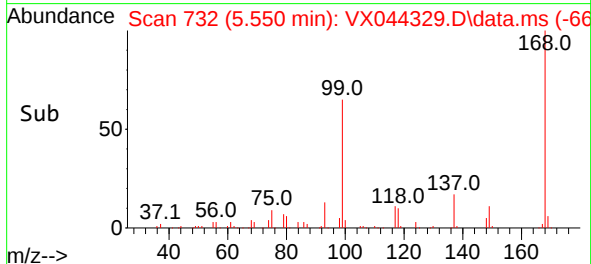
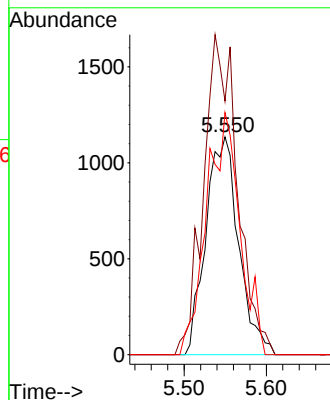
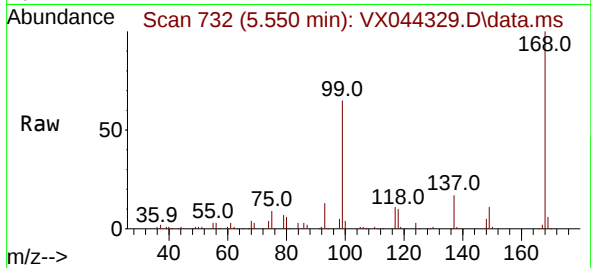




#31
Cyclohexane
Concen: 1.381 ug/l
RT: 5.550 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

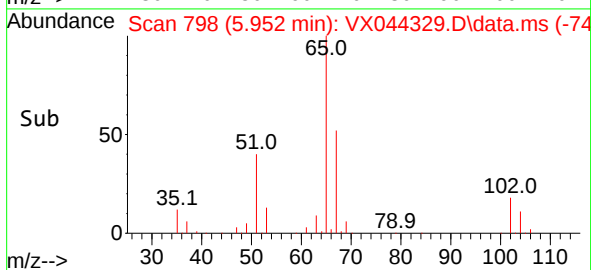
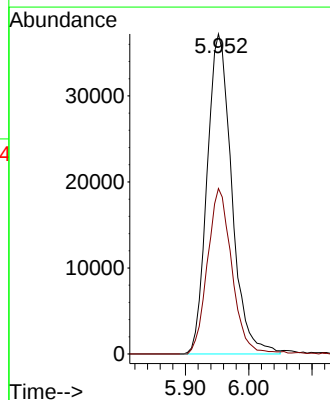
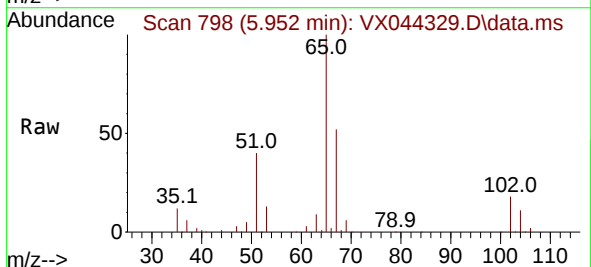
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210DL

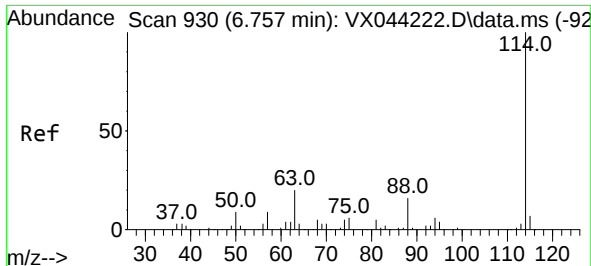
Tgt Ion: 56 Resp: 3141
Ion Ratio Lower Upper
56 100
69 116.5 24.7 37.1#
84 111.2 71.0 106.6#



#33
1,2-Dichloroethane-d4
Concen: 47.745 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.000 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

Tgt Ion: 65 Resp: 100578
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.6

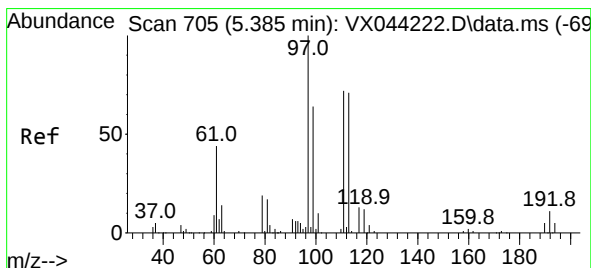
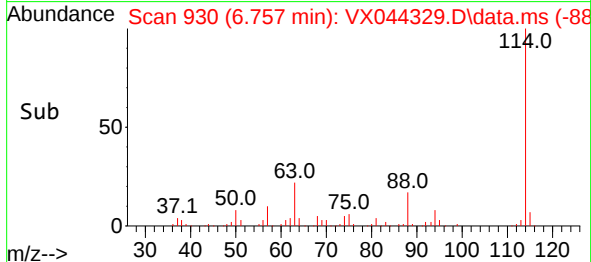
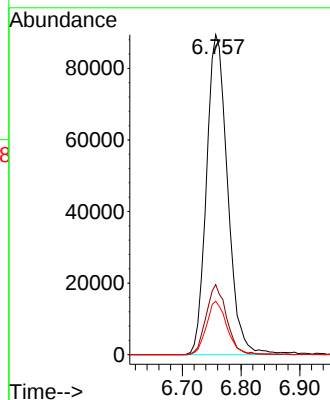
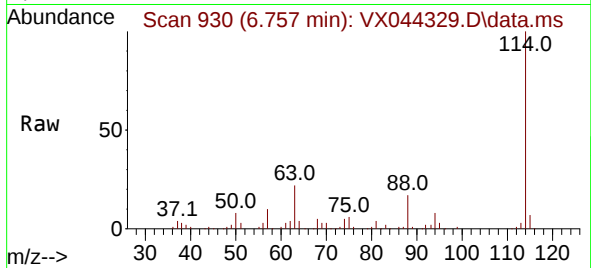




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

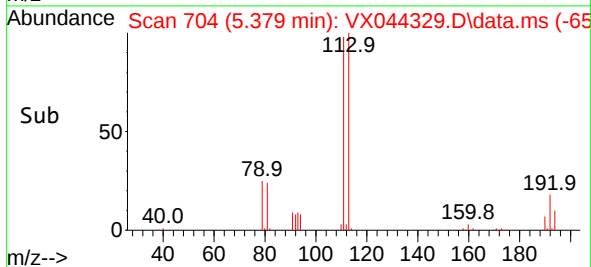
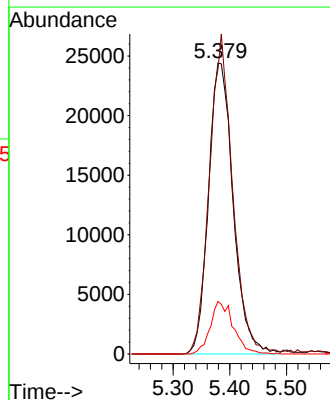
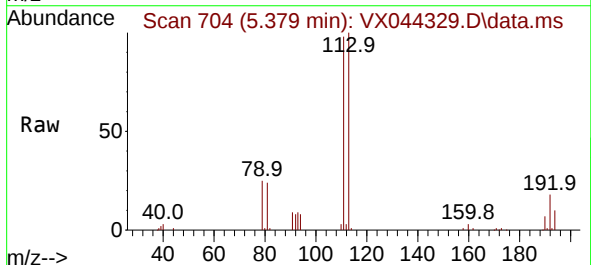
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210DL

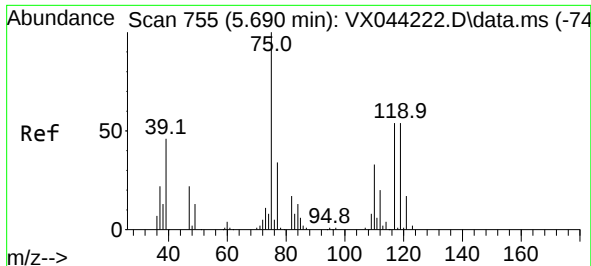
Tgt Ion:114 Resp: 223179
Ion Ratio Lower Upper
114 100
63 21.9 0.0 40.6
88 16.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.799 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

Tgt Ion:113 Resp: 73884
Ion Ratio Lower Upper
113 100
111 103.3 80.4 120.6
192 16.9 13.3 19.9

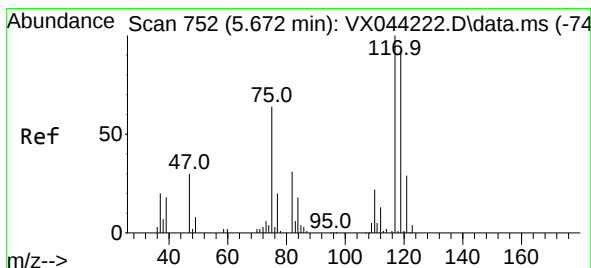
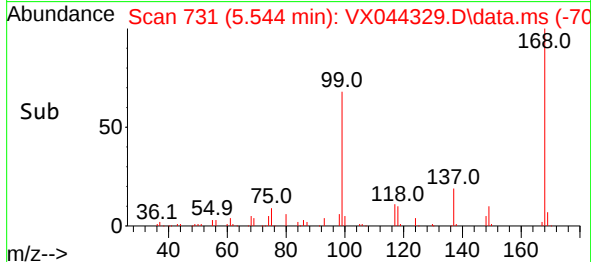
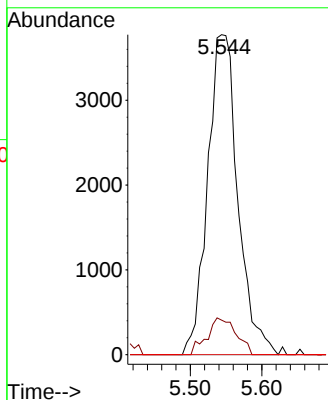
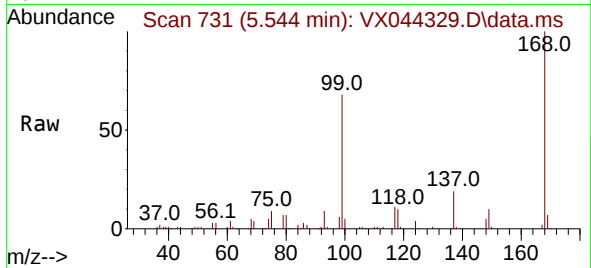




#36
1,1-Dichloropropene
Concen: 5.548 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.146 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

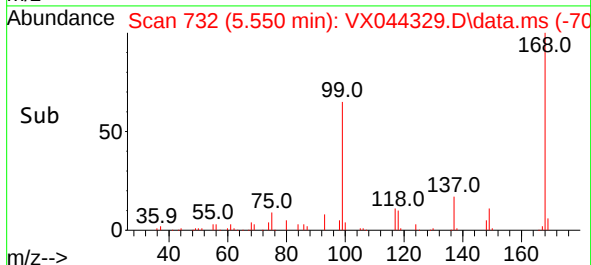
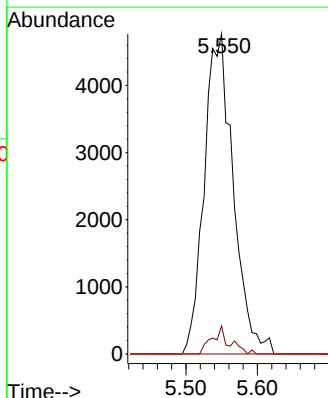
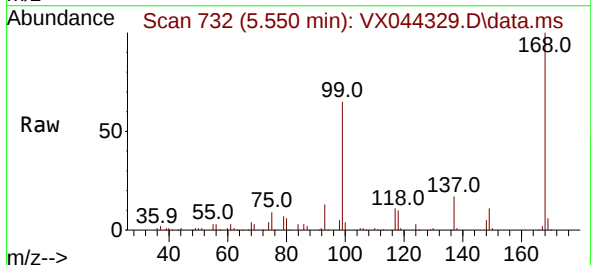
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ClientSampleId :
RE134D4-20241210DL

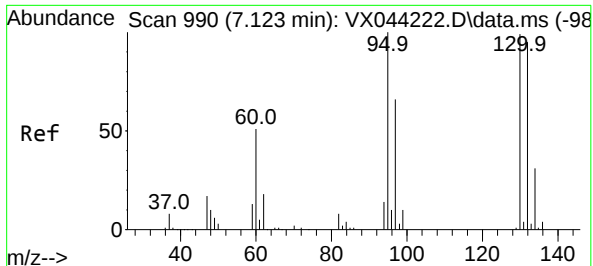
Tgt Ion: 75 Resp: 11086
Ion Ratio Lower Upper
75 100
110 11.1 17.3 51.7#
77 0.0 25.4 38.0#



#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.122 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

Tgt Ion: 117 Resp: 13418
Ion Ratio Lower Upper
117 100
119 8.7 74.2 111.4#
121 0.0 23.0 34.6#





#44

Trichloroethene

Concen: 2.168 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX044329.D

Acq: 16 Dec 2024 17:16

Instrument :

MSVOA_X

ClientSampleId :

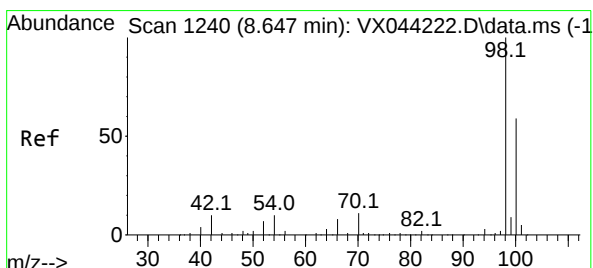
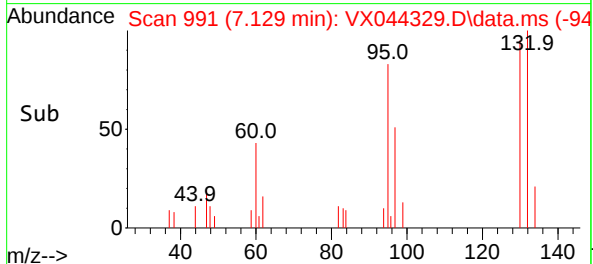
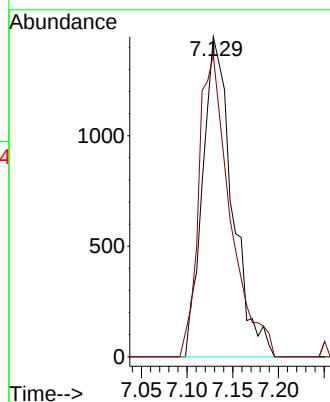
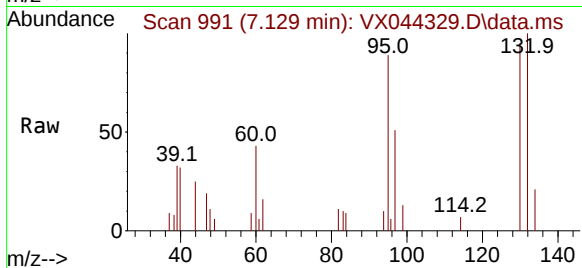
RE134D4-20241210DL

Tgt Ion:130 Resp: 3280

Ion Ratio Lower Upper

130 100

95 94.3 0.0 201.4



#50

Toluene-d8

Concen: 51.918 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VX044329.D

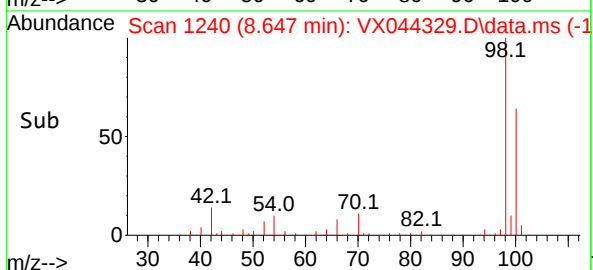
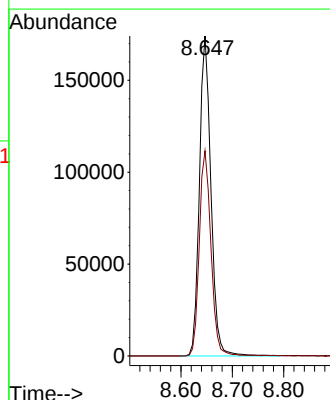
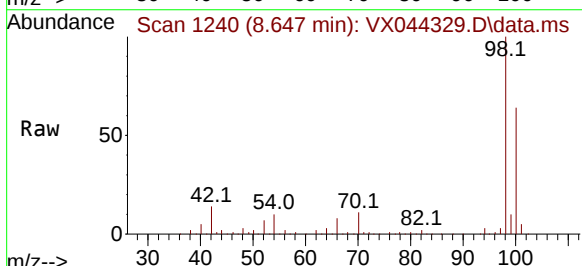
Acq: 16 Dec 2024 17:16

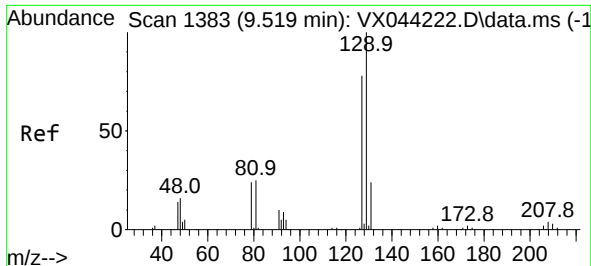
Tgt Ion: 98 Resp: 270743

Ion Ratio Lower Upper

98 100

100 65.0 51.5 77.3

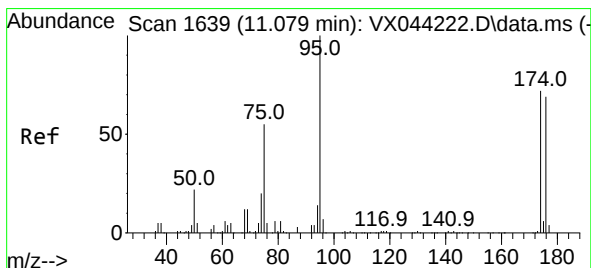
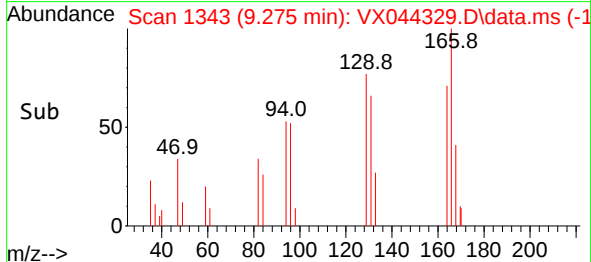
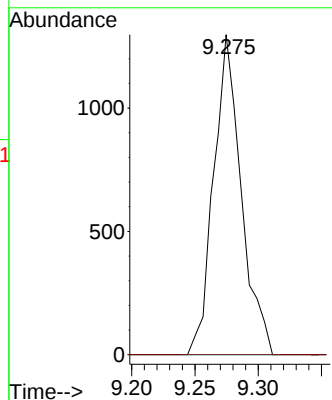
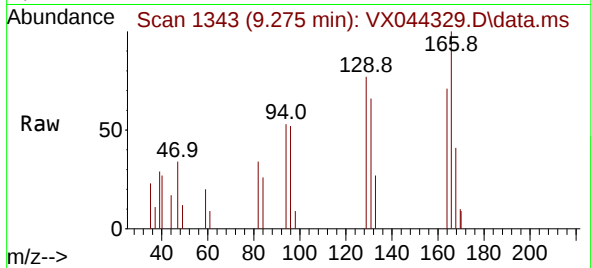




#60
Dibromochloromethane
Concen: 2.481 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.244 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

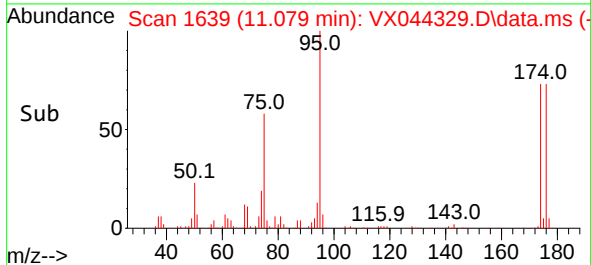
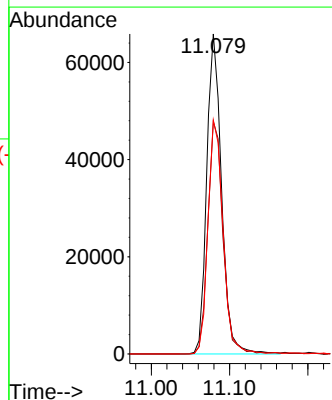
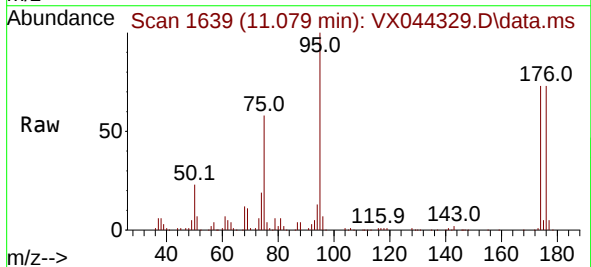
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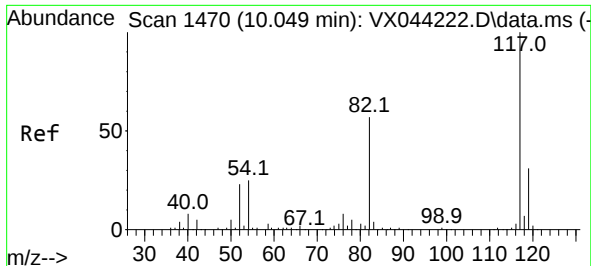
Tgt Ion:129 Resp: 1965
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.331 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

Tgt Ion: 95 Resp: 86245
Ion Ratio Lower Upper
95 100
174 74.9 0.0 145.8
176 74.4 0.0 137.8

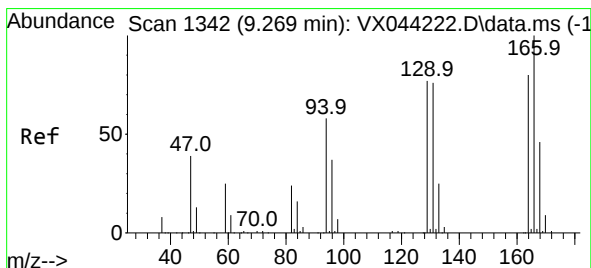
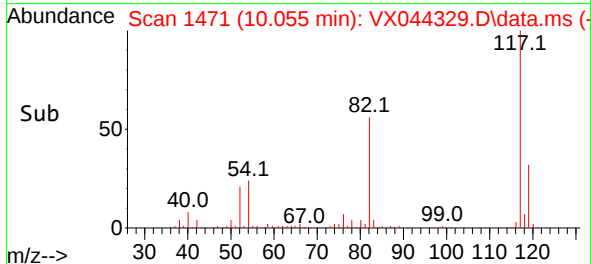
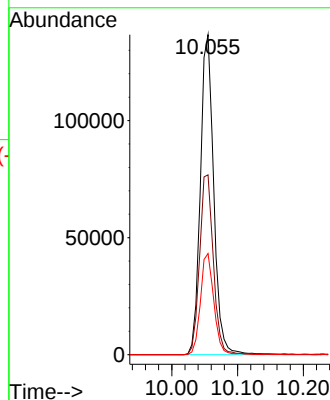
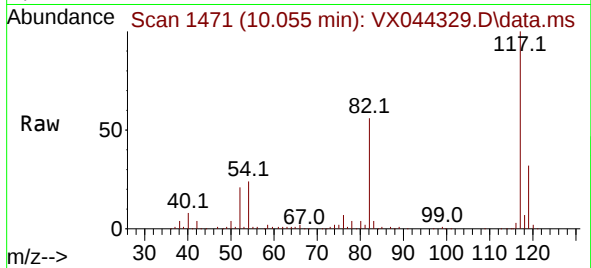




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

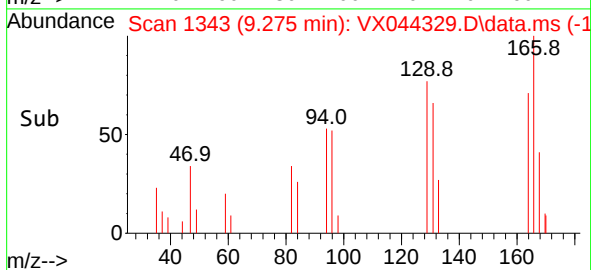
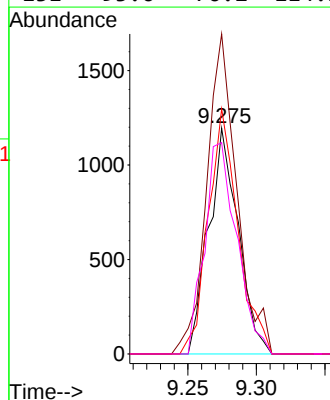
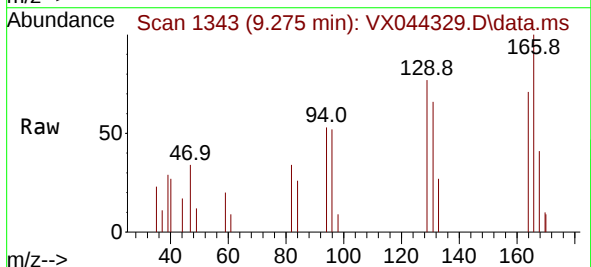
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210DL

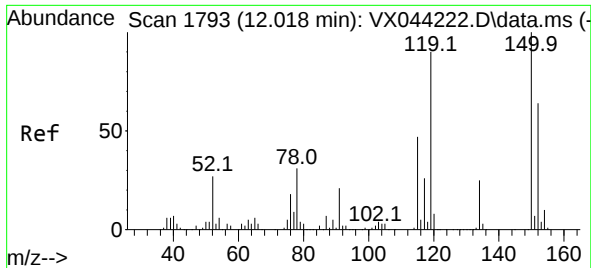
Tgt Ion:117 Resp: 192838
Ion Ratio Lower Upper
117 100
82 56.2 45.8 68.8
119 31.6 25.0 37.4



#64
Tetrachloroethene
Concen: 1.402 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.006 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

Tgt Ion:164 Resp: 1795
Ion Ratio Lower Upper
164 100
166 141.8 100.4 150.6
129 108.6 77.2 115.8
131 93.6 76.2 114.2

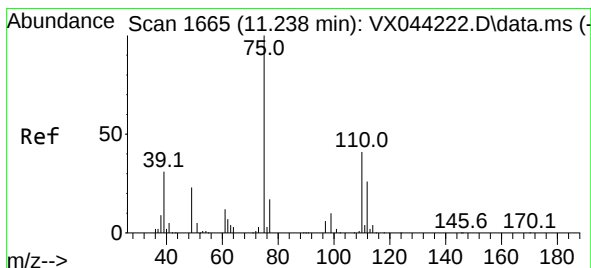
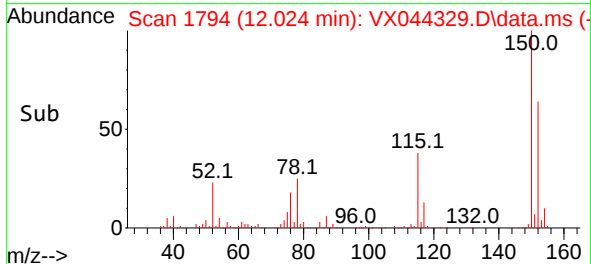
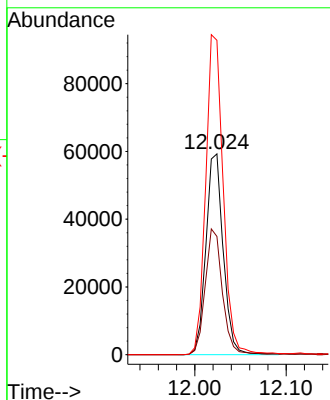
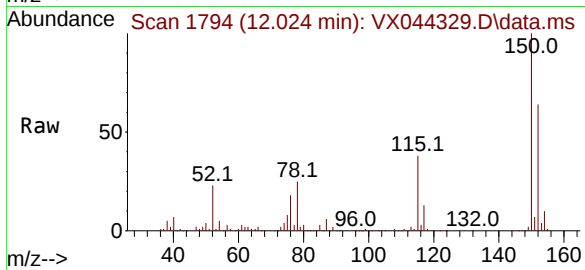




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

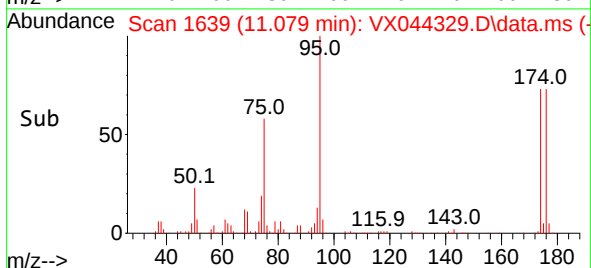
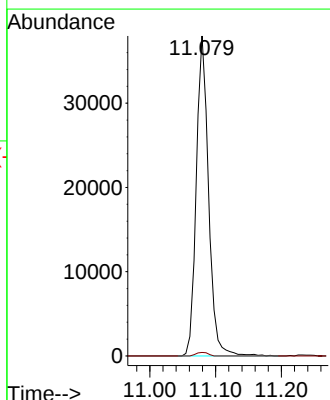
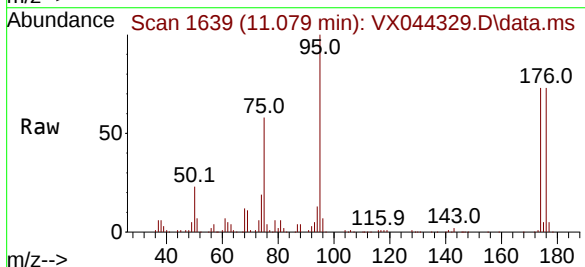
Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210DL

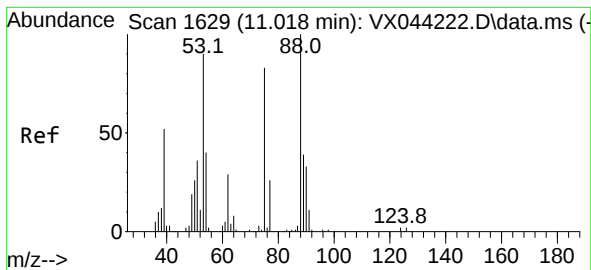
Tgt Ion:152 Resp: 77949
Ion Ratio Lower Upper
152 100
115 62.0 44.5 133.3
150 160.5 0.0 353.8



#76
1,2,3-Trichloropropane
Concen: 28.359 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

Tgt Ion: 75 Resp: 49356
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#





#81
trans-1,4-Dichloro-2-butene
Concen: 77.774 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX044329.D
Acq: 16 Dec 2024 17:16

Instrument :
MSVOA_X
ClientSampleId :
RE134D4-20241210DL

Tgt Ion: 75 Resp: 49356
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.0 37.3 55.9#

