

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121624\
 Data File : VX044324.D
 Acq On : 16 Dec 2024 15:20
 Operator : JC/MD
 Sample : P5261-05DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D2-20241209DL

Quant Time: Dec 17 00:51:16 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)

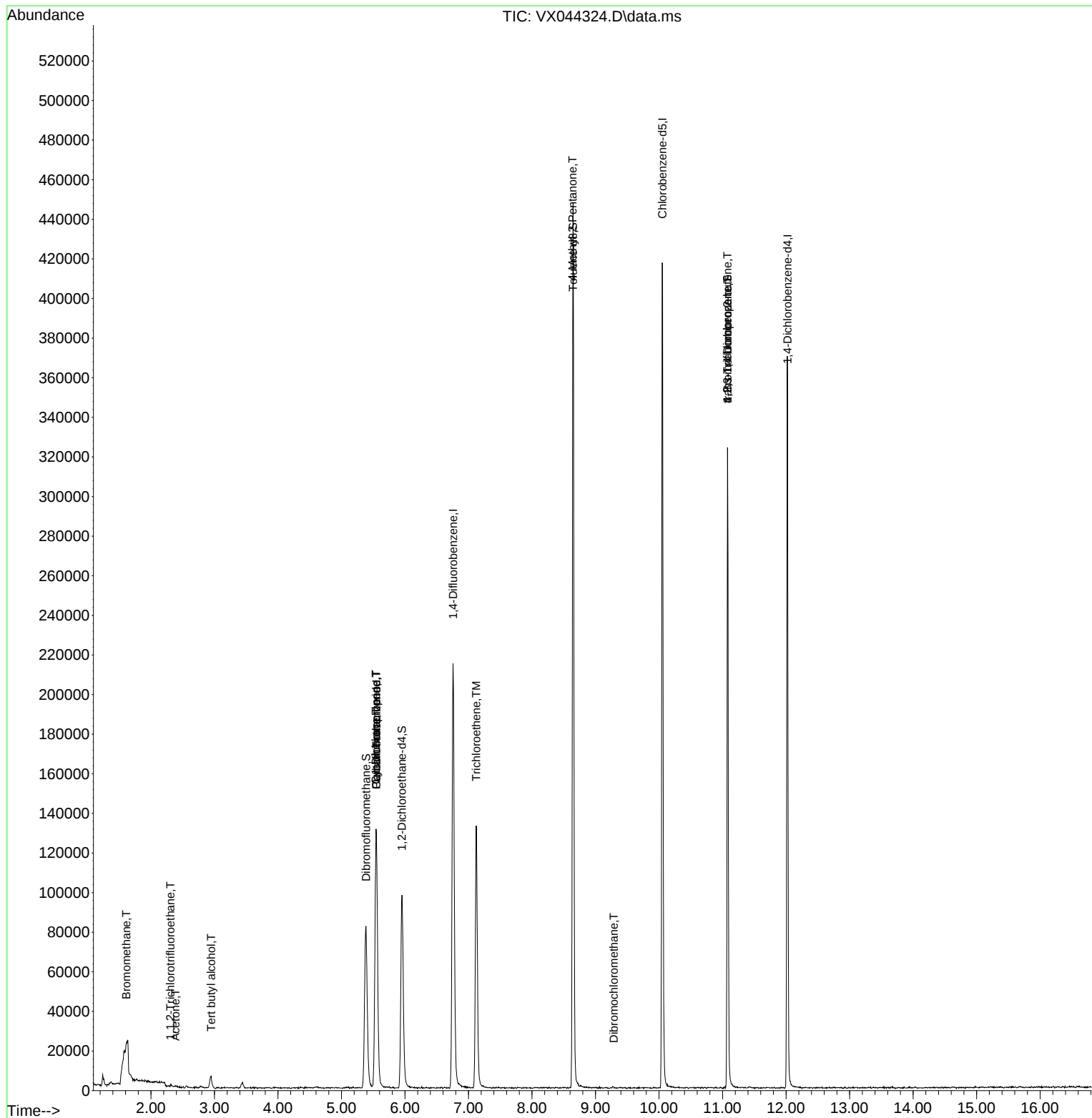
Internal Standards						
1) Pentafluorobenzene	5.550	168	117251	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	214366	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	185352	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	96694	47.035	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.060%		
35) Dibromofluoromethane	5.385	113	70136	47.240	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.480%		
50) Toluene-d8	8.647	98	260514	52.010	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	104.020%		
62) 4-Bromofluorobenzene	11.079	95	82599	47.193	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	94.380%		
Target Compounds						Qvalue
5) Bromomethane	1.611	94	397	0.310	ug/l #	15
9) 1,1,2-Trichlorotrifluo...	2.307	101	691	0.483	ug/l #	64
11) Tert butyl alcohol	2.947	59	3040	10.492	ug/l #	71
16) Acetone	2.386	43	570	0.680	ug/l #	63
31) Cyclohexane	5.544	56	2756	1.242	ug/l #	47
36) 1,1-Dichloropropene	5.544	75	10931	5.696	ug/l #	53
38) Carbon Tetrachloride	5.550	117	13812	6.685	ug/l #	18
44) Trichloroethene	7.123	130	49656	34.173	ug/l	97
51) 4-Methyl-2-Pentanone	8.641	43	1351	0.567	ug/l #	1
60) Dibromochloromethane	9.287	129	45	1.261	ug/l #	11
76) 1,2,3-Trichloropropane	11.079	75	46934	28.508	ug/l #	36
81) trans-1,4-Dichloro-2-b...	11.079	75	46934	78.154	ug/l #	4

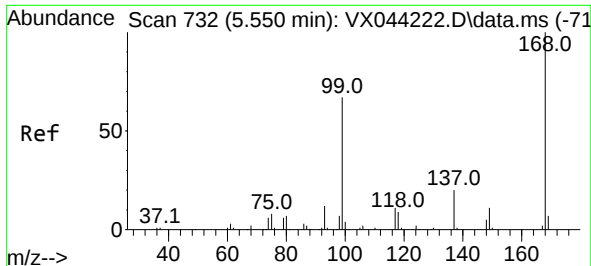
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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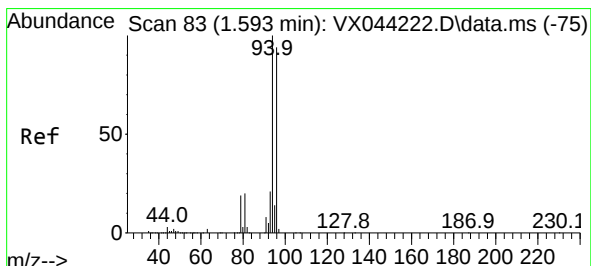
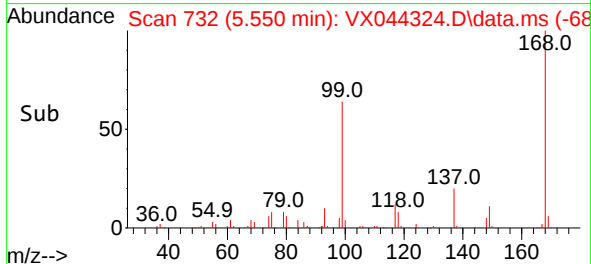
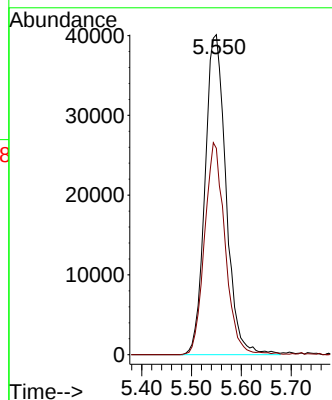
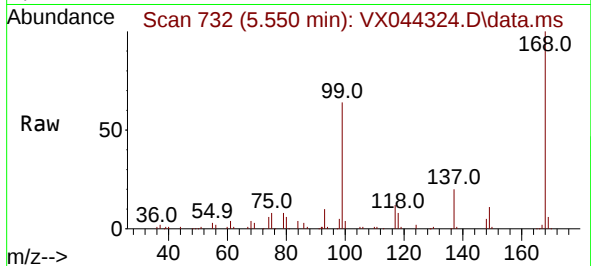




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

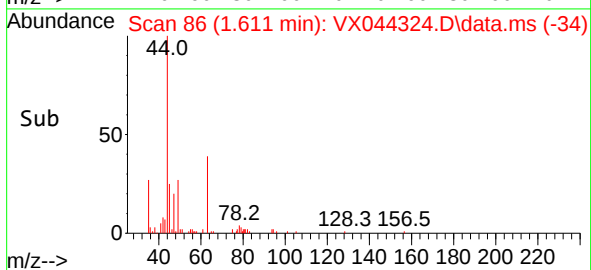
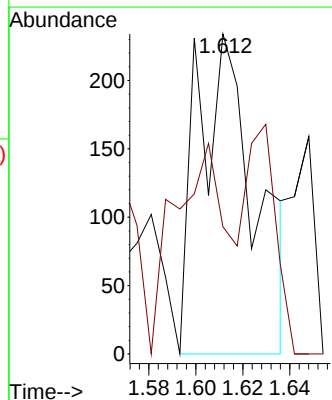
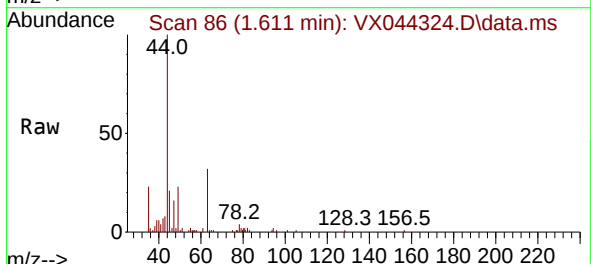
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209DL

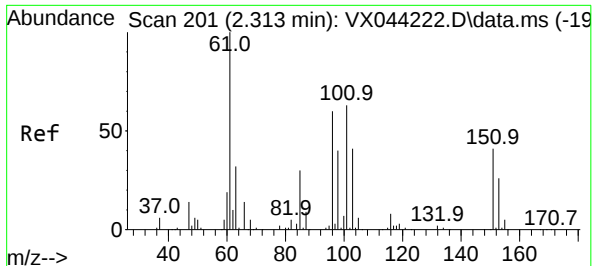
Tgt Ion:168 Resp: 117251
Ion Ratio Lower Upper
168 100
99 64.5 53.4 80.0



#5
Bromomethane
Concen: 0.310 ug/l
RT: 1.611 min Scan# 86
Delta R.T. 0.018 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

Tgt Ion: 94 Resp: 397
Ion Ratio Lower Upper
94 100
96 11.5 74.9 112.3#

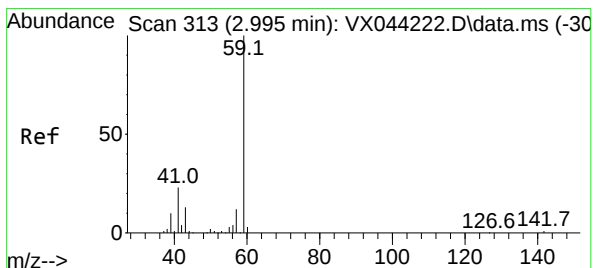
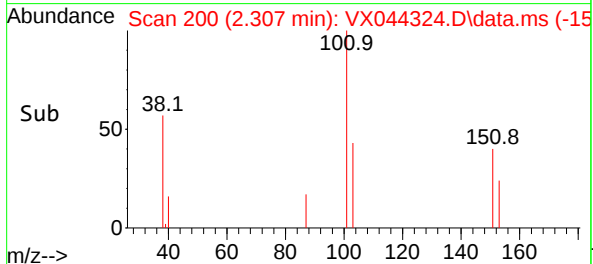
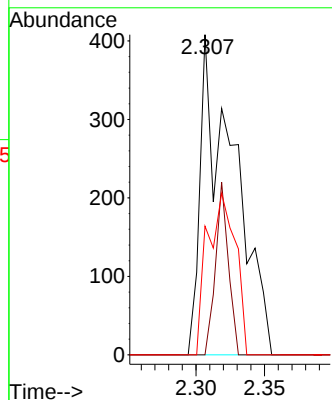
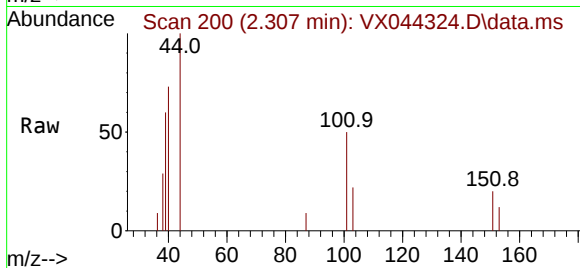




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.483 ug/l
RT: 2.307 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

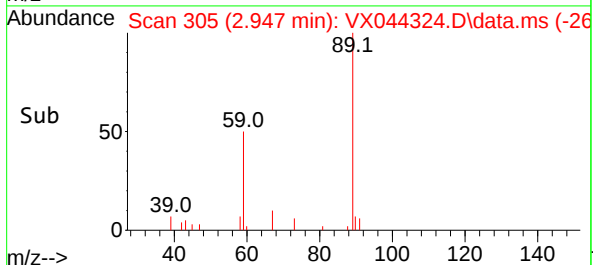
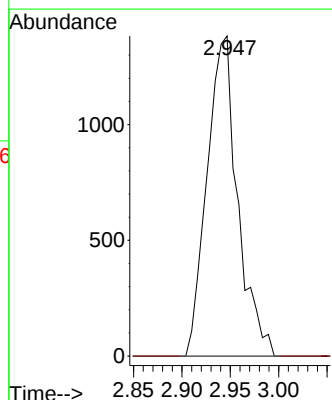
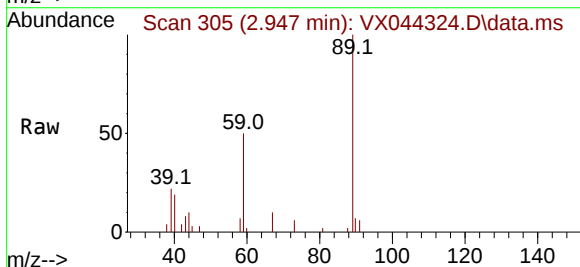
Instrument :
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ClientSampleId :
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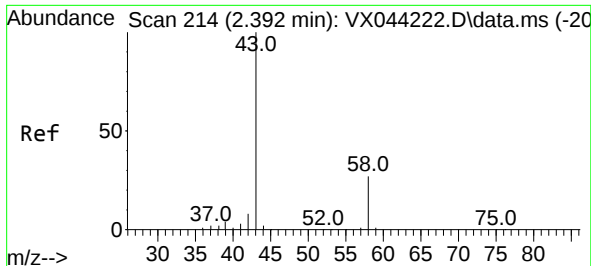
Tgt Ion:101 Resp: 691
Ion Ratio Lower Upper
101 100
85 20.7 38.5 57.7#
151 42.5 55.8 83.6#



#11
Tert butyl alcohol
Concen: 10.492 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

Tgt Ion: 59 Resp: 3040
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

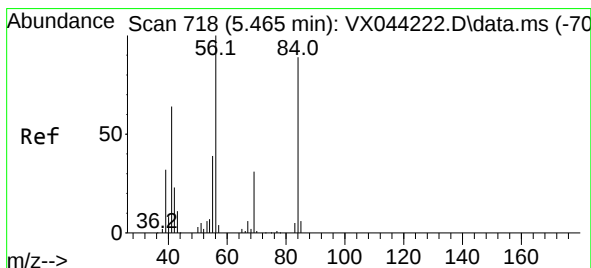
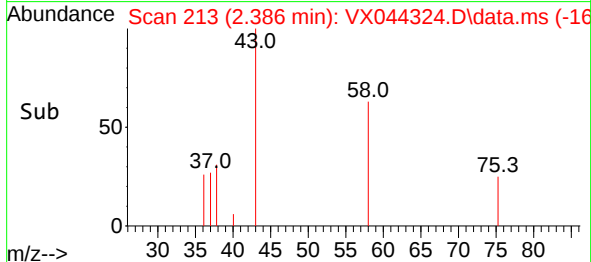
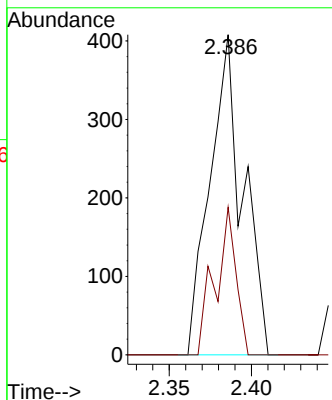
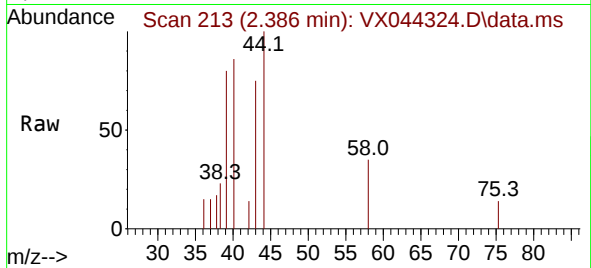




#16
Acetone
Concen: 0.680 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

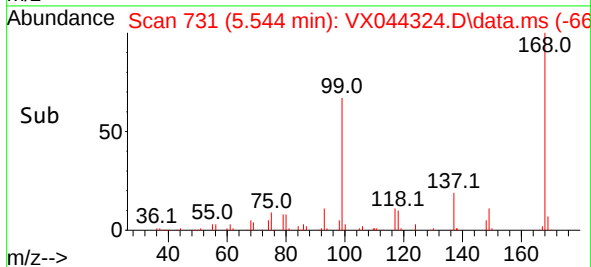
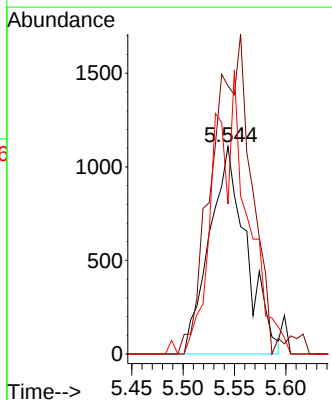
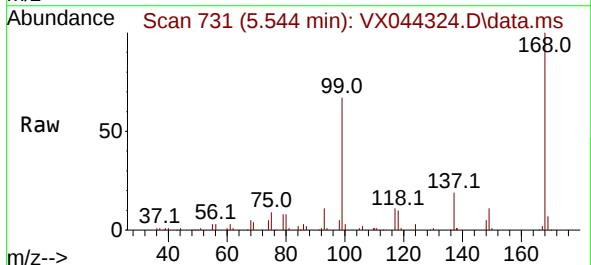
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209DL

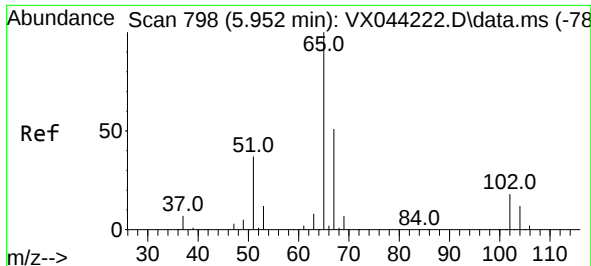
Tgt Ion: 43 Resp: 570
Ion Ratio Lower Upper
43 100
58 46.1 21.6 32.4#



#31
Cyclohexane
Concen: 1.242 ug/l
RT: 5.544 min Scan# 731
Delta R.T. 0.079 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

Tgt Ion: 56 Resp: 2756
Ion Ratio Lower Upper
56 100
69 129.3 24.7 37.1#
84 81.0 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 47.035 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX044324.D

Acq: 16 Dec 2024 15:20

Instrument :

MSVOA_X

ClientSampleId :

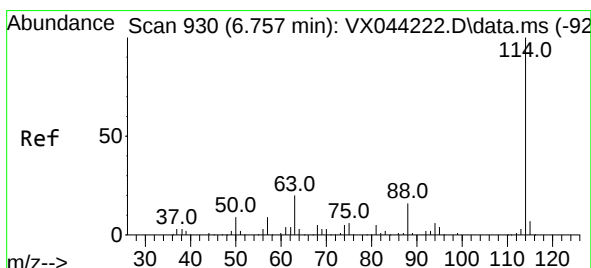
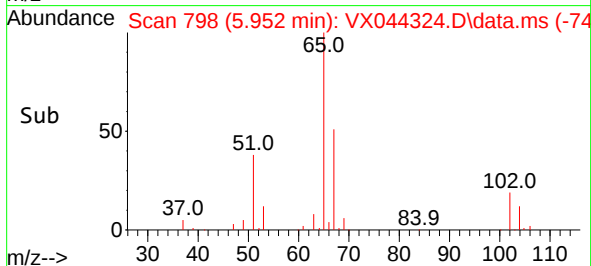
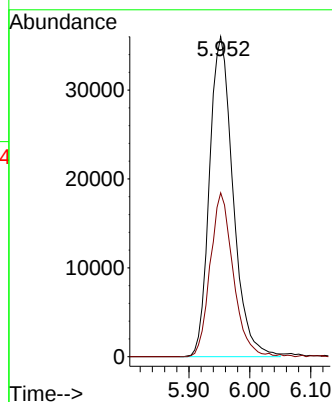
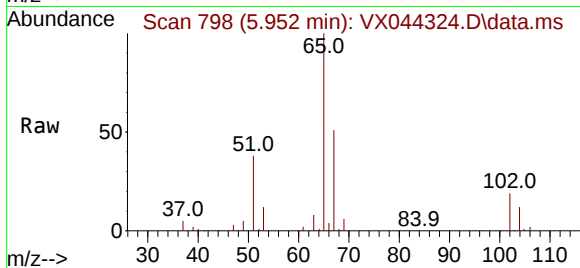
RE103D2-20241209DL

Tgt Ion: 65 Resp: 96694

Ion Ratio Lower Upper

65 100

67 50.0 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: VX044324.D

Acq: 16 Dec 2024 15:20

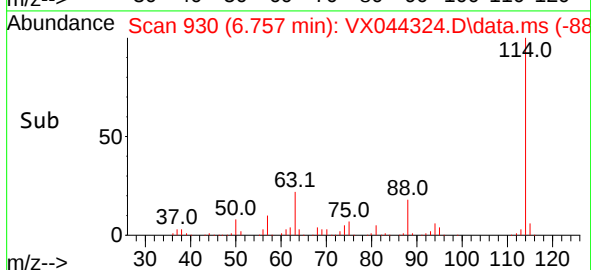
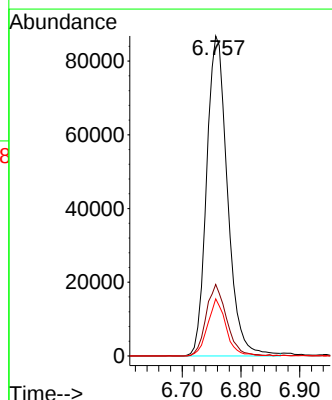
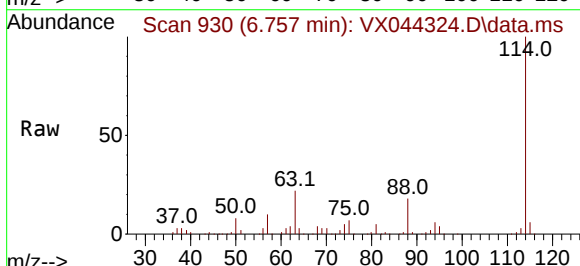
Tgt Ion: 114 Resp: 214366

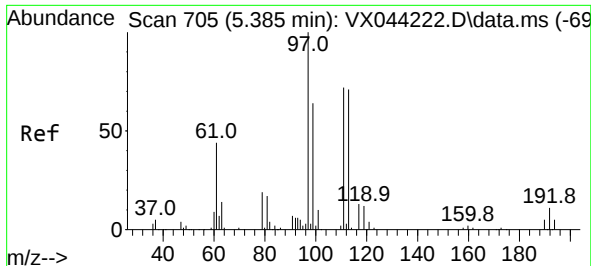
Ion Ratio Lower Upper

114 100

63 22.4 0.0 40.6

88 17.9 0.0 31.8





#35

Dibromofluoromethane

Concen: 47.240 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.000 min

Lab File: VX044324.D

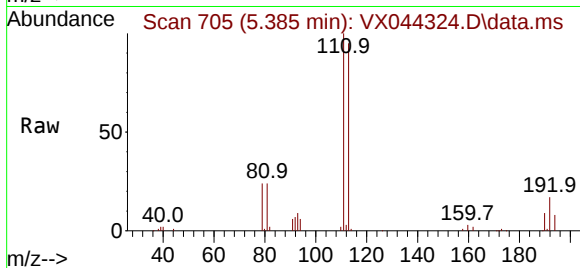
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Instrument :

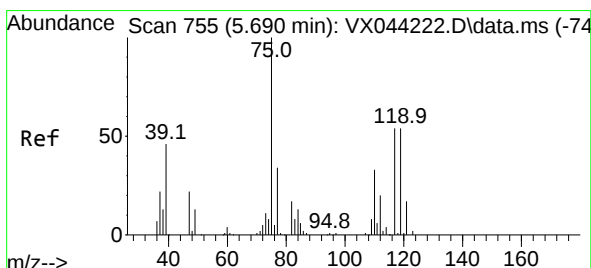
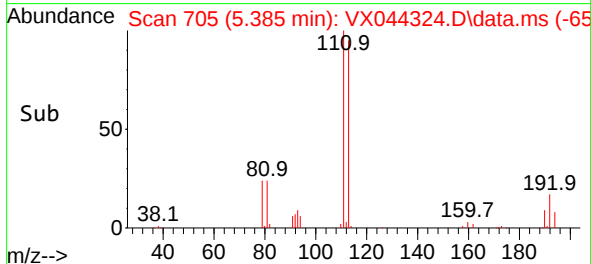
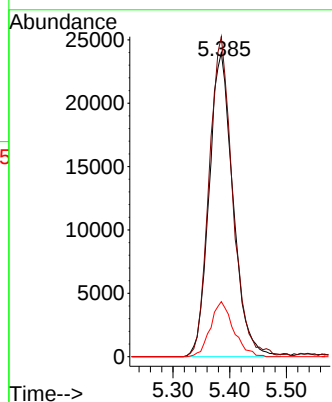
MSVOA_X

ClientSampleId :

RE103D2-20241209DL



Tgt Ion:	113	Resp:	70136
Ion Ratio	Lower	Upper	
113	100		
111	103.4	80.4	120.6
192	17.5	13.3	19.9



#36

1,1-Dichloropropene

Concen: 5.696 ug/l

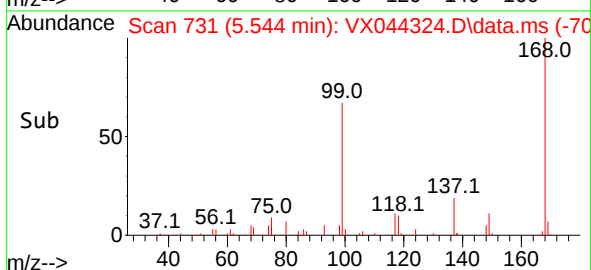
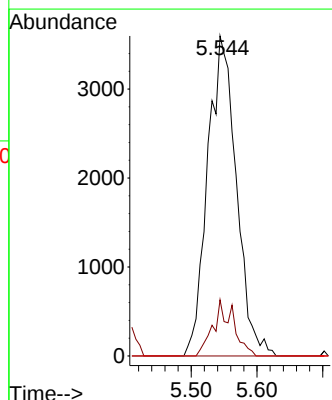
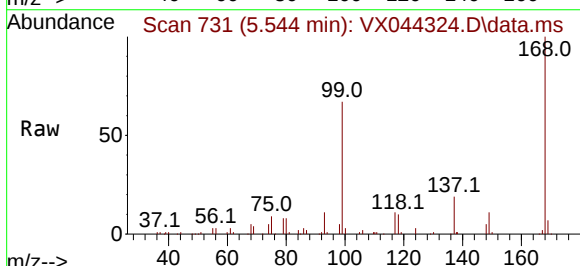
RT: 5.544 min Scan# 731

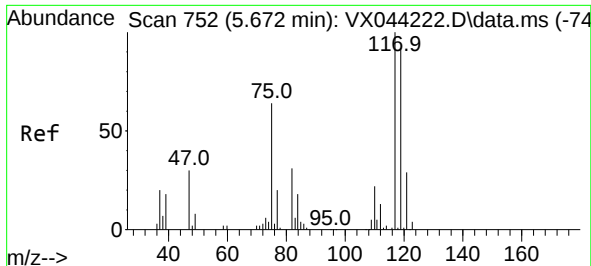
Delta R.T. -0.146 min

Lab File: VX044324.D

Acq: 16 Dec 2024 15:20

Tgt Ion:	75	Resp:	10931
Ion Ratio	Lower	Upper	
75	100		
110	12.4	17.3	51.7#
77	0.0	25.4	38.0#

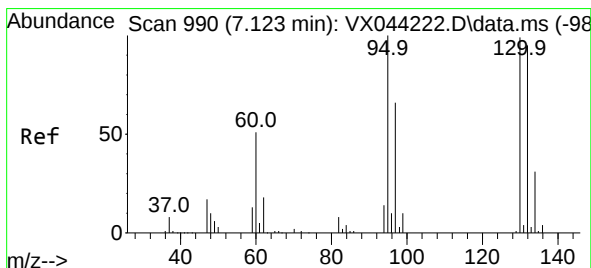
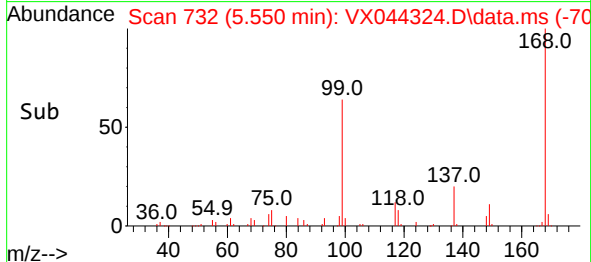
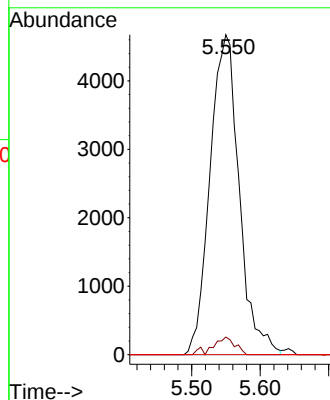
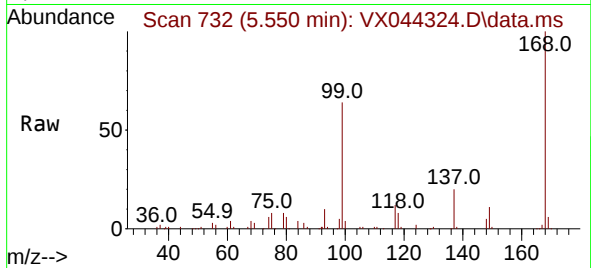




#38
Carbon Tetrachloride
Concen: 6.685 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

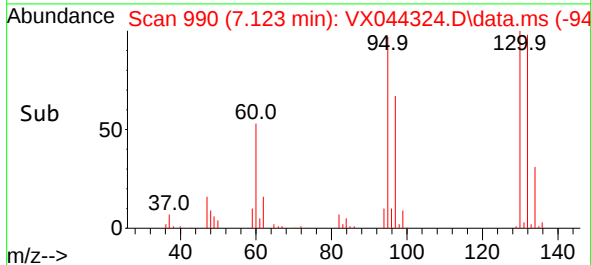
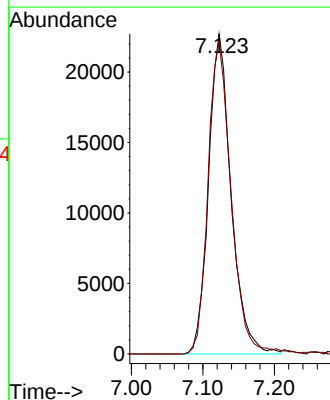
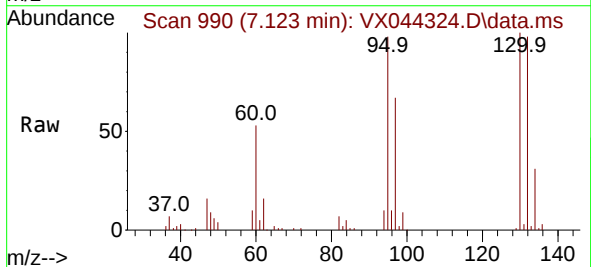
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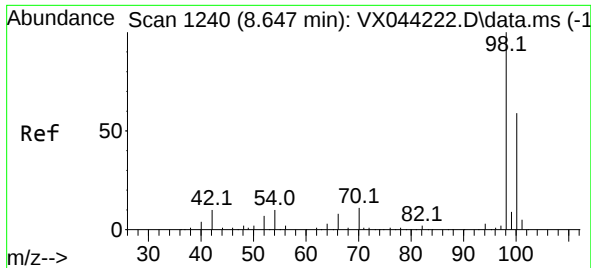
Tgt Ion:117 Resp: 13812
Ion Ratio Lower Upper
117 100
119 5.5 74.2 111.4#
121 0.0 23.0 34.6#



#44
Trichloroethene
Concen: 34.173 ug/l
RT: 7.123 min Scan# 990
Delta R.T. -0.000 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

Tgt Ion:130 Resp: 49656
Ion Ratio Lower Upper
130 100
95 97.6 0.0 201.4

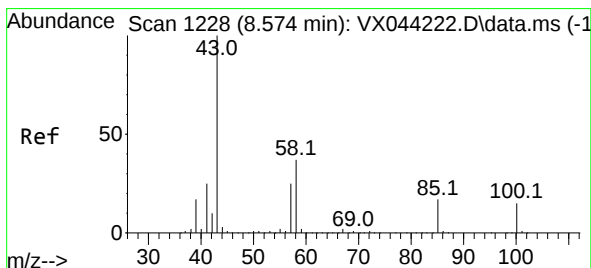
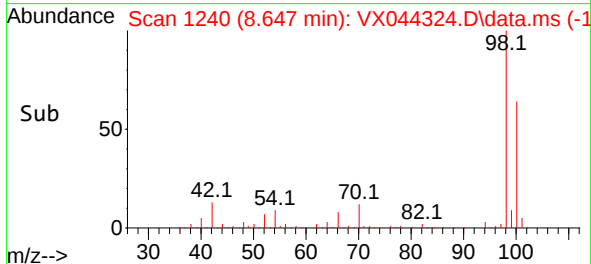
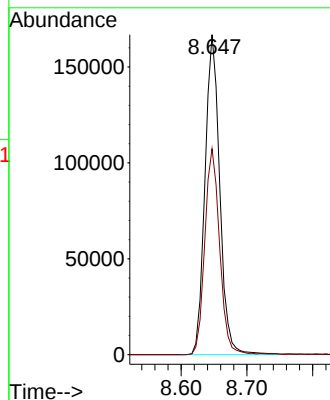
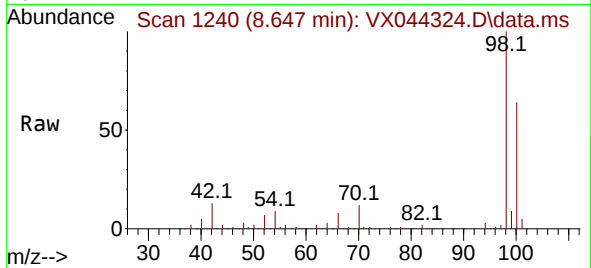




#50
Toluene-d8
Concen: 52.010 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

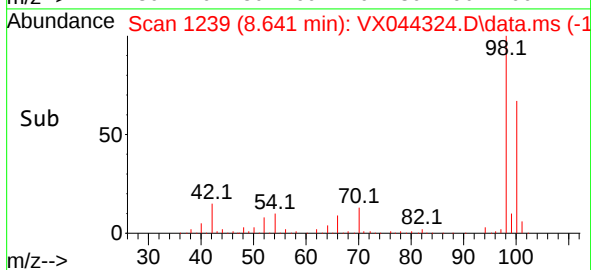
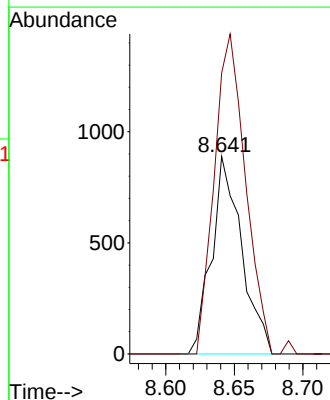
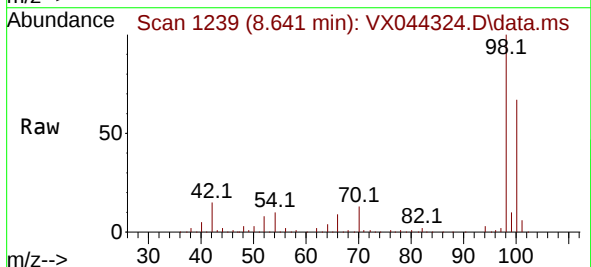
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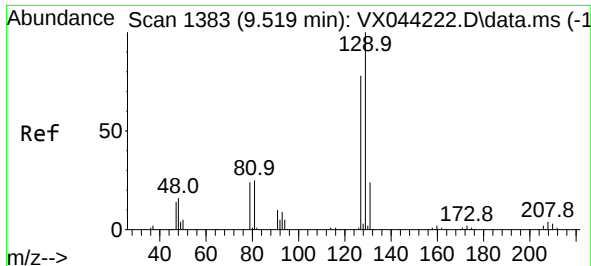
Tgt Ion: 98 Resp: 260514
Ion Ratio Lower Upper
98 100
100 65.0 51.5 77.3



#51
4-Methyl-2-Pentanone
Concen: 0.567 ug/l
RT: 8.641 min Scan# 1239
Delta R.T. 0.067 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

Tgt Ion: 43 Resp: 1351
Ion Ratio Lower Upper
43 100
58 168.8 29.4 44.0#

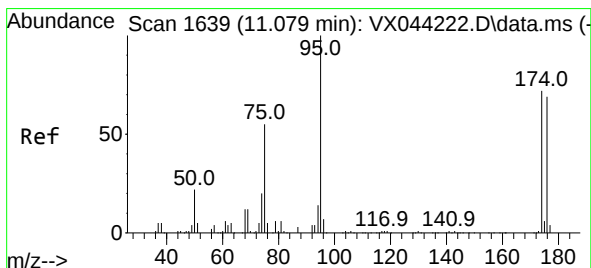
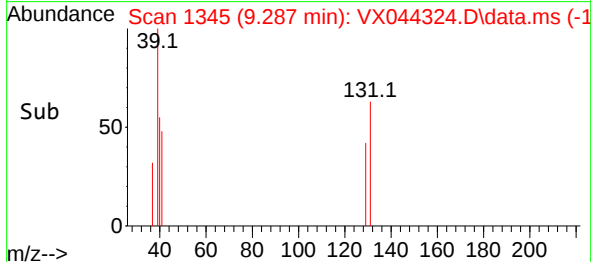
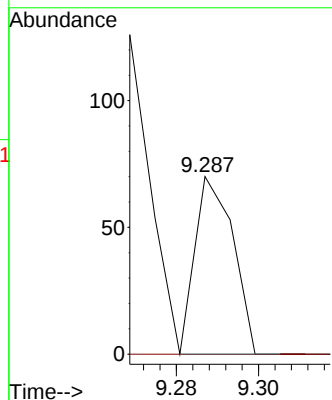
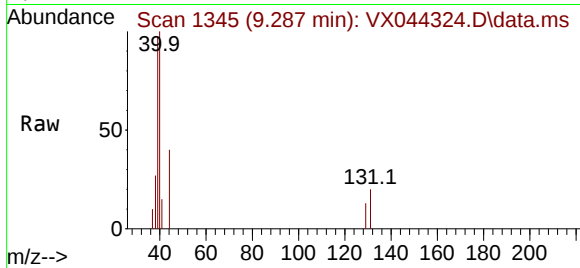




#60
Dibromochloromethane
Concen: 1.261 ug/l
RT: 9.287 min Scan# 11
Delta R.T. -0.232 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

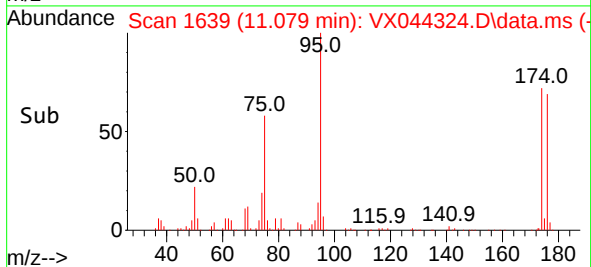
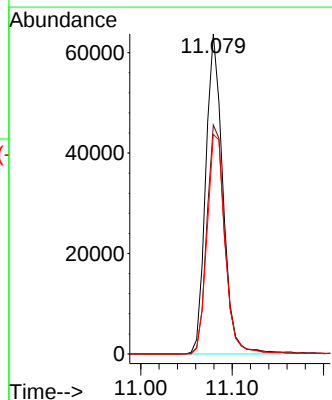
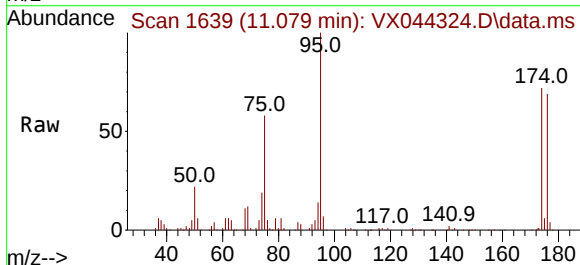
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209DL

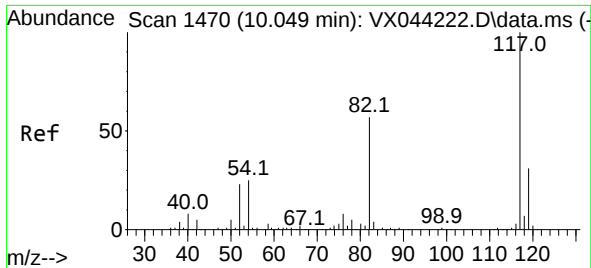
Tgt Ion:129 Resp: 45
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.3#



#62
4-Bromofluorobenzene
Concen: 47.193 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

Tgt Ion: 95 Resp: 82599
Ion Ratio Lower Upper
95 100
174 75.6 0.0 145.8
176 72.6 0.0 137.8

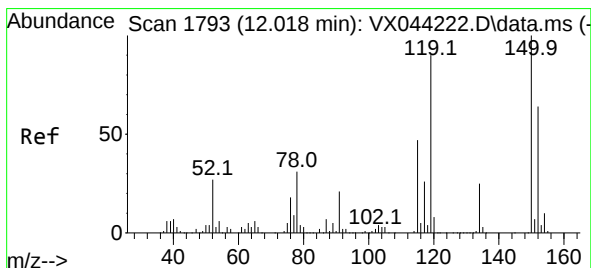
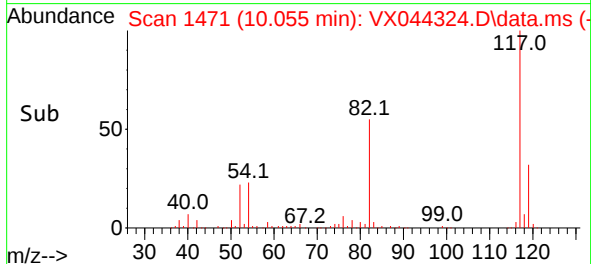
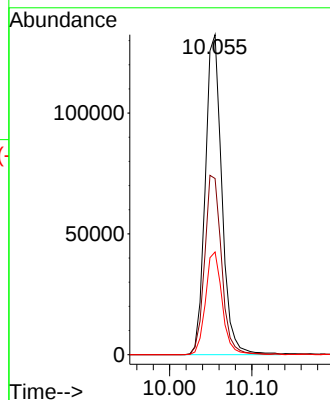
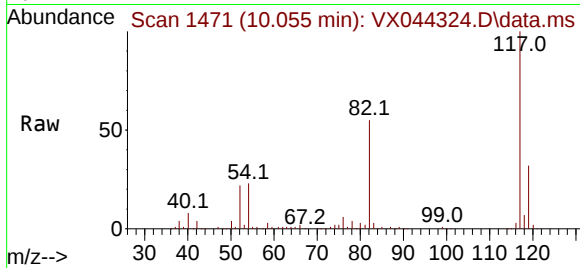




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

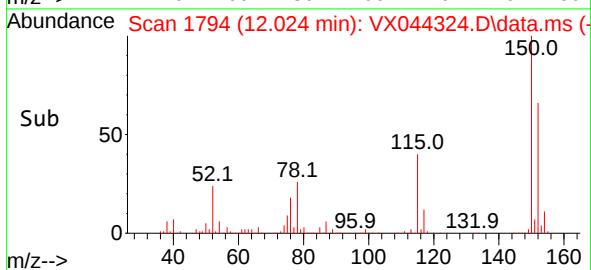
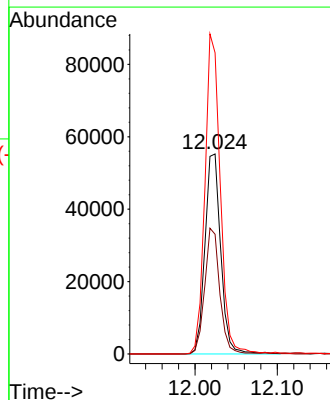
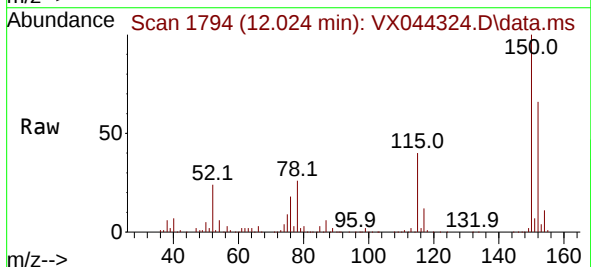
Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209DL

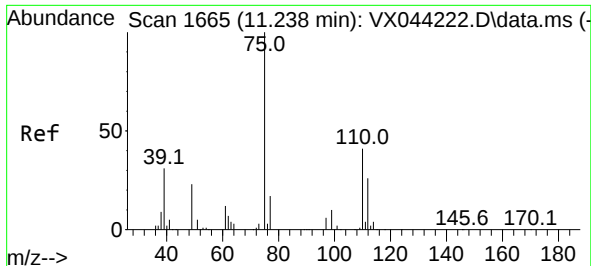
Tgt Ion:117 Resp: 185352
Ion Ratio Lower Upper
117 100
82 55.0 45.8 68.8
119 32.1 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

Tgt Ion:152 Resp: 73736
Ion Ratio Lower Upper
152 100
115 60.4 44.5 133.3
150 154.9 0.0 353.8

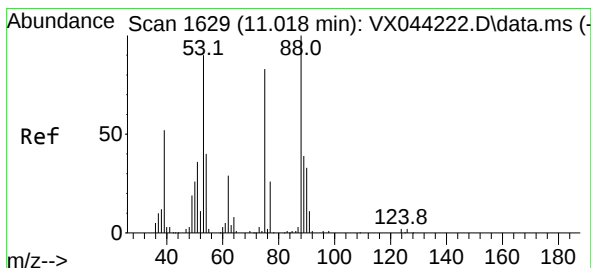
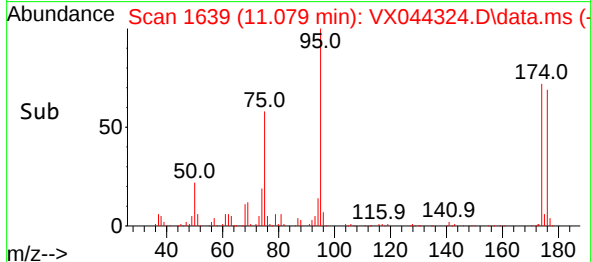
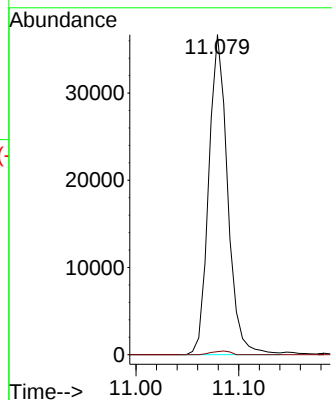
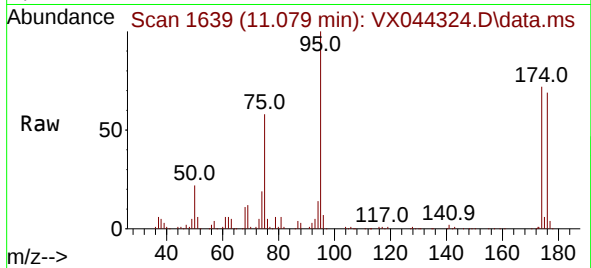




#76
1,2,3-Trichloropropane
Concen: 28.508 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

Instrument :
MSVOA_X
ClientSampleId :
RE103D2-20241209DL

Tgt Ion: 75 Resp: 46934
Ion Ratio Lower Upper
75 100
77 1.1 20.9 62.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.154 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX044324.D
Acq: 16 Dec 2024 15:20

Tgt Ion: 75 Resp: 46934
Ion Ratio Lower Upper
75 100
53 0.0 93.6 140.4#
89 0.1 37.3 55.9#

