

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112222\
 Data File : VX032985.D
 Acq On : 22 Nov 2022 18:00
 Operator : JC/MD
 Sample : N5672-08DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE125D1-20221116DL

Quant Time: Nov 23 05:49:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X112222W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 22 13:58:46 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

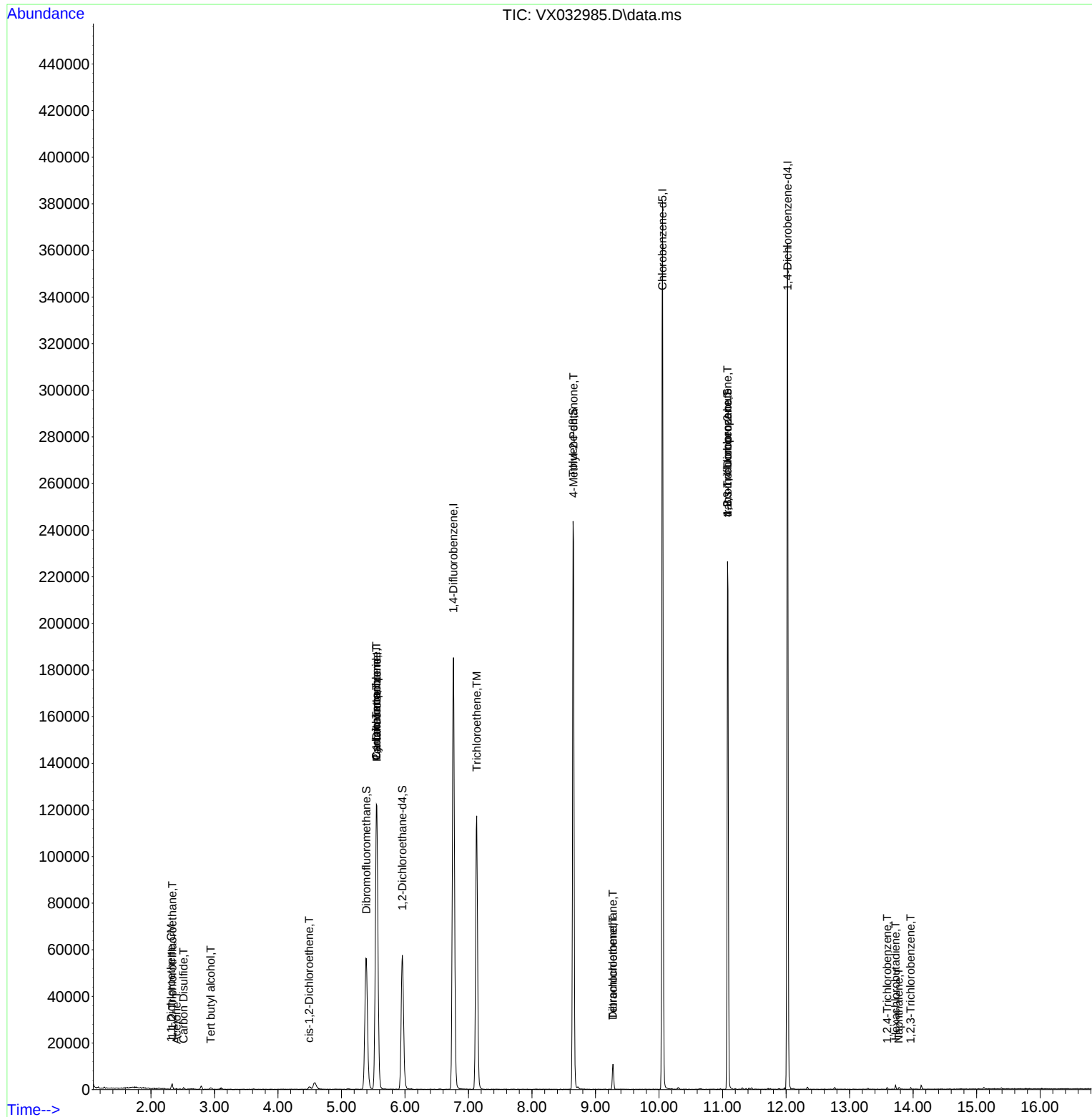
Internal Standards						
1) Pentafluorobenzene	5.556	168	116276	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	188178	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	165700	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74824	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	58550	51.634	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 103.260%			
35) Dibromofluoromethane	5.391	113	49555	46.711	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 93.420%			
50) Toluene-d8	8.647	98	146767	45.799	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 91.600%#			
62) 4-Bromofluorobenzene	11.079	95	58696	42.119	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 84.240%			
Target Compounds					Qvalue	
9) 1,1,2-Trichlorotrifluo...	2.337	101	779	0.715	ug/l	95
11) Tert butyl alcohol	2.941	59	445	2.479	ug/l #	72
12) 1,1-Dichloroethene	2.319	96	208	0.205	ug/l #	90
16) Acetone	2.404	43	276	0.522	ug/l #	45
17) Carbon Disulfide	2.514	76	753	0.269	ug/l #	95
20) Methylene Chloride	2.788	84	638	Below Cal	#	81
27) cis-1,2-Dichloroethene	4.489	96	722	0.547	ug/l	53
31) Cyclohexane	5.550	56	2642	1.440	ug/l #	7
36) 1,1-Dichloropropene	5.550	75	8870	5.229	ug/l #	50
38) Carbon Tetrachloride	5.550	117	12010	6.382	ug/l #	17
44) Trichloroethene	7.129	130	44108	33.050	ug/l	96
51) 4-Methyl-2-Pentanone	8.653	43	712	0.471	ug/l #	1
60) Dibromochloromethane	9.275	129	2106	1.535	ug/l #	11
64) Tetrachloroethene	9.275	164	1911	1.629	ug/l	86
76) 1,2,3-Trichloropropane	11.079	75	31296	22.085	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31296	71.788	ug/l #	6
93) 1,2,4-Trichlorobenzene	13.591	180	310	0.210	ug/l	93
94) Hexachlorobutadiene	13.725	225	383	0.587	ug/l	81
95) Naphthalene	13.774	128	1147	0.240	ug/l #	75
96) 1,2,3-Trichlorobenzene	13.963	180	367	0.247	ug/l #	71

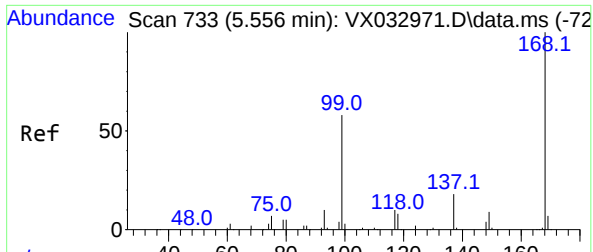
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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RE125D1-20221116DL

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Quant Title : SW846 8260
QLast Update : Tue Nov 22 13:58:46 2022
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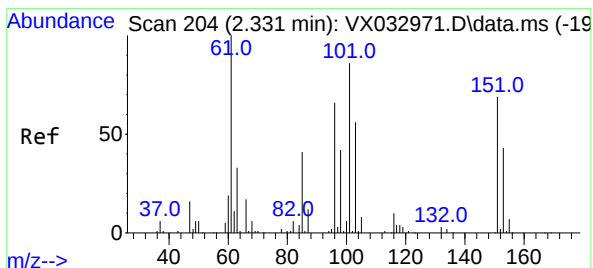
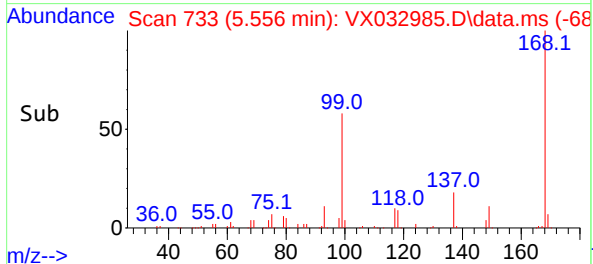
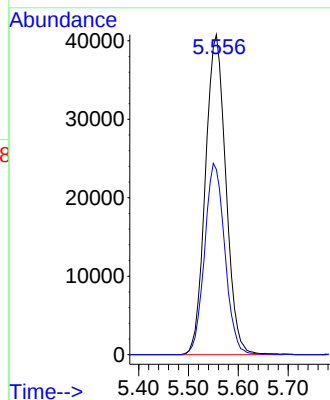
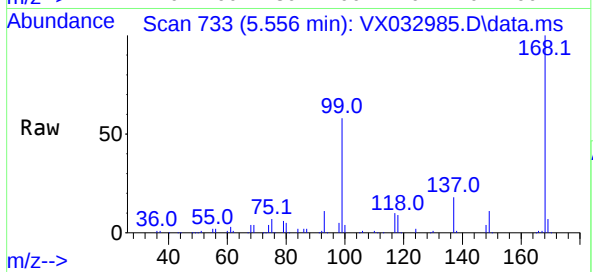




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

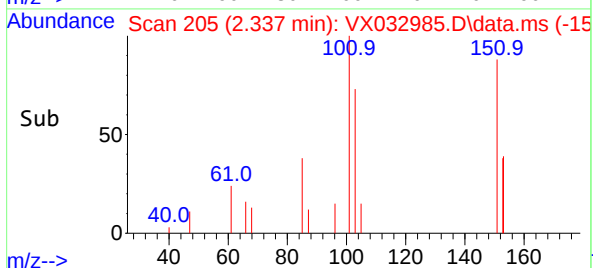
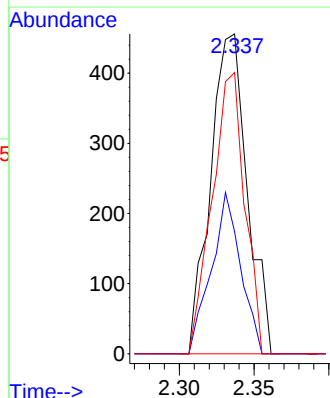
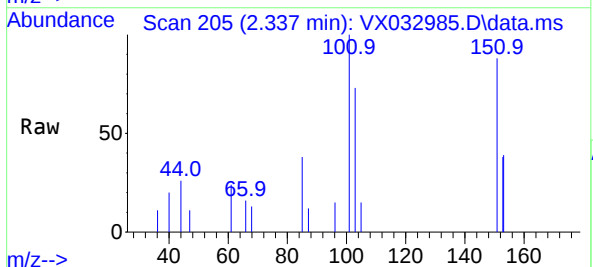
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116DL

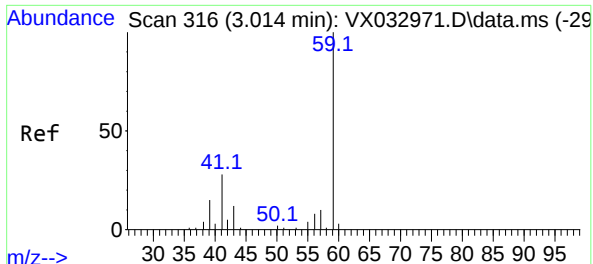
Tgt Ion:168 Resp: 116276
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.715 ug/l
RT: 2.337 min Scan# 205
Delta R.T. 0.006 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Tgt Ion:101 Resp: 779
Ion Ratio Lower Upper
101 100
85 40.2 37.0 55.4
151 78.2 64.4 96.6





#11

Tert butyl alcohol

Concen: 2.479 ug/l

RT: 2.941 min Scan# 304

Delta R.T. -0.024 min

Lab File: VX032985.D

Acq: 22 Nov 2022 18:00

Instrument :

MSVOA_X

ClientSampleId :

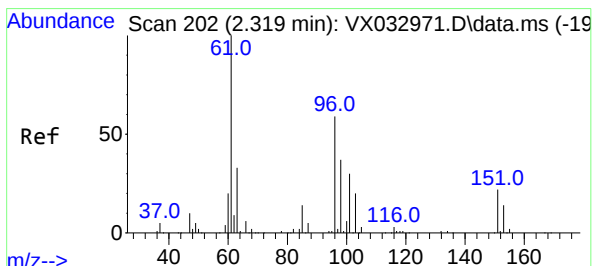
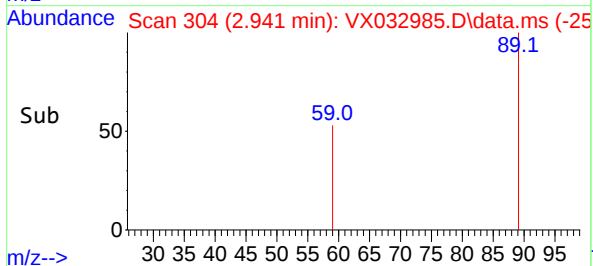
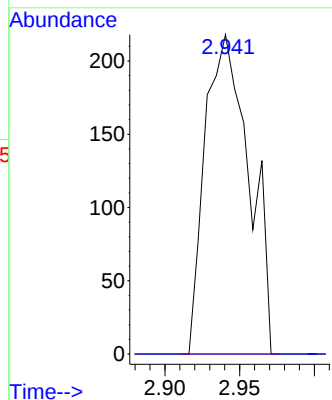
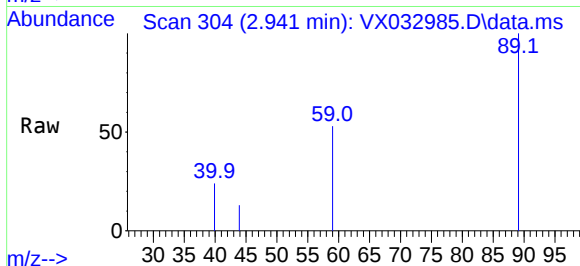
RE125D1-20221116DL

Tgt Ion: 59 Resp: 445

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



#12

1,1-Dichloroethene

Concen: 0.205 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX032985.D

Acq: 22 Nov 2022 18:00

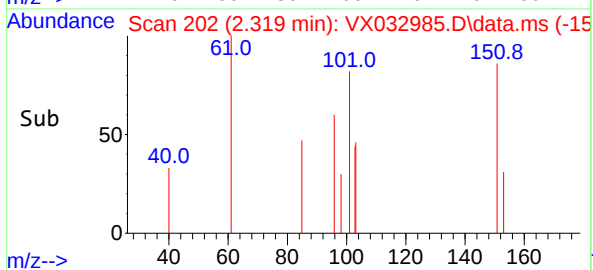
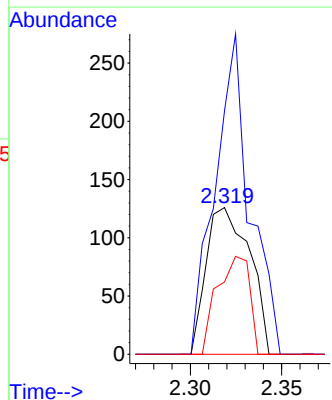
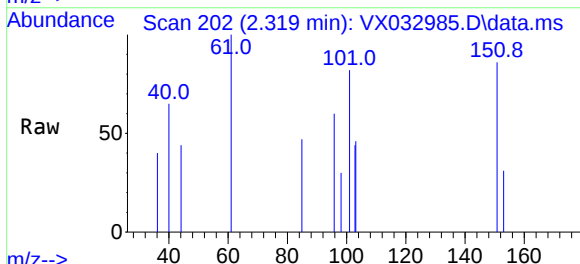
Tgt Ion: 96 Resp: 208

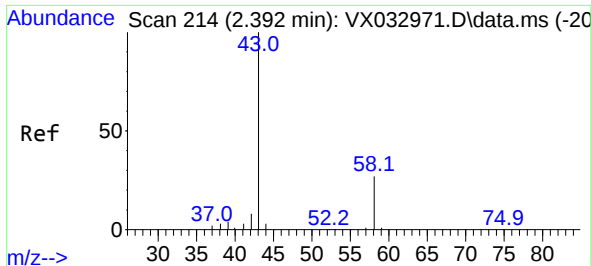
Ion Ratio Lower Upper

96 100

61 165.9 125.1 187.7

98 49.2 50.6 76.0#

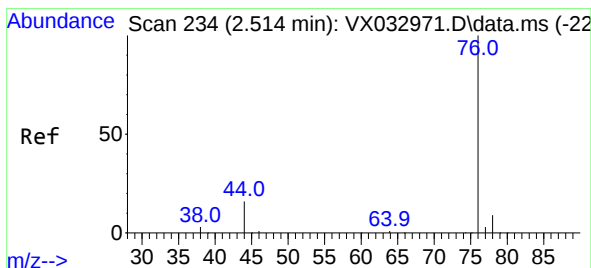
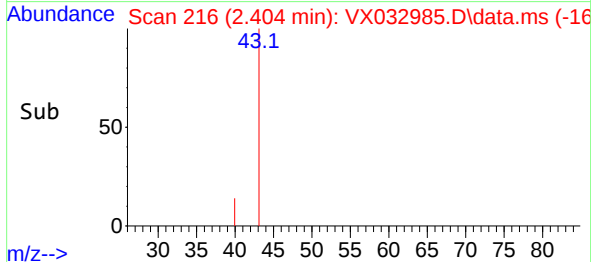
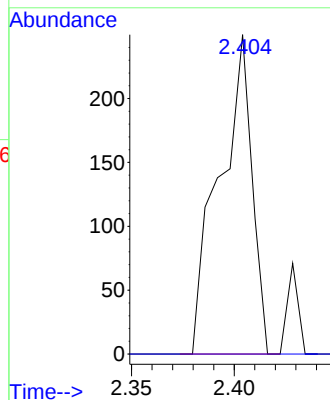
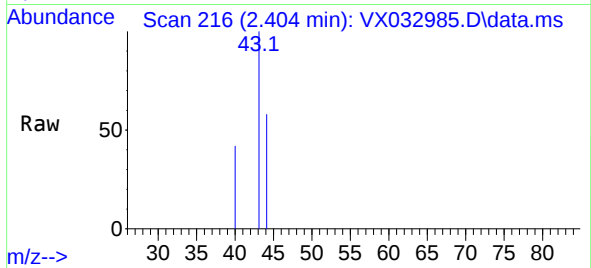




#16
Acetone
Concen: 0.522 ug/l
RT: 2.404 min Scan# 214
Delta R.T. 0.024 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

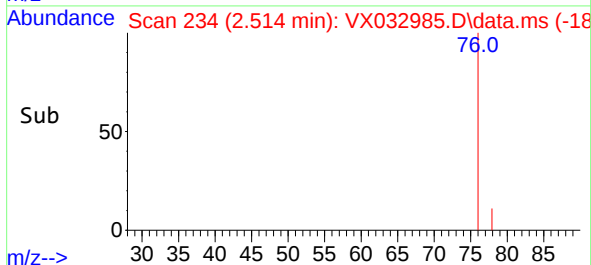
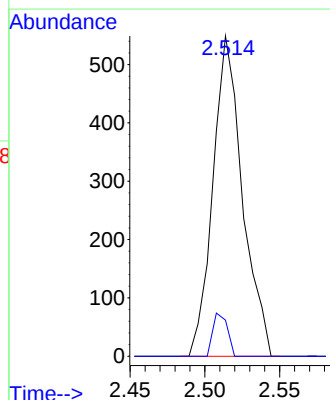
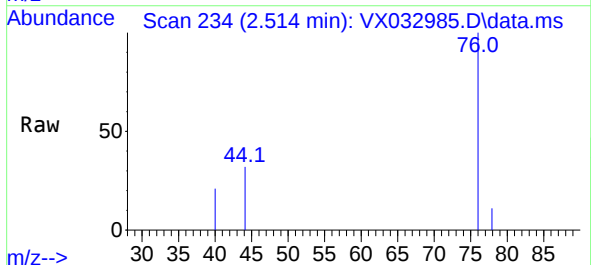
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116DL

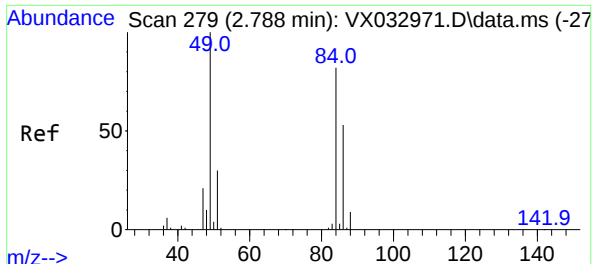
Tgt Ion: 43 Resp: 276
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.8#



#17
Carbon Disulfide
Concen: 0.269 ug/l
RT: 2.514 min Scan# 234
Delta R.T. -0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

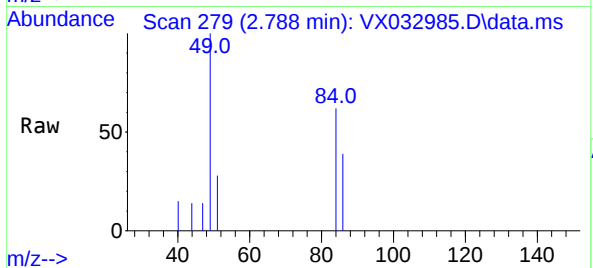
Tgt Ion: 76 Resp: 753
Ion Ratio Lower Upper
76 100
78 11.3 7.5 11.3#



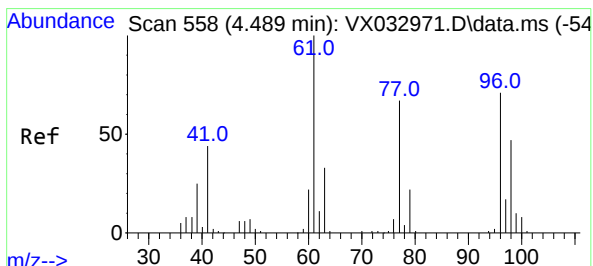
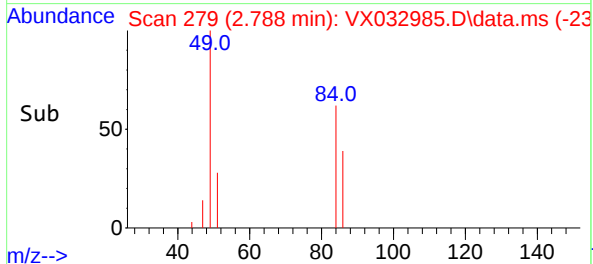
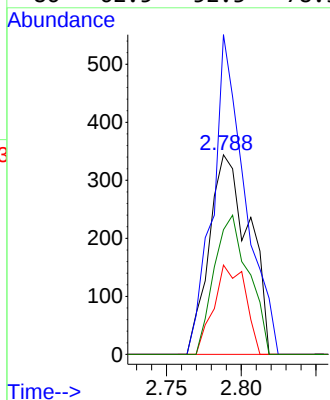


#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116DL

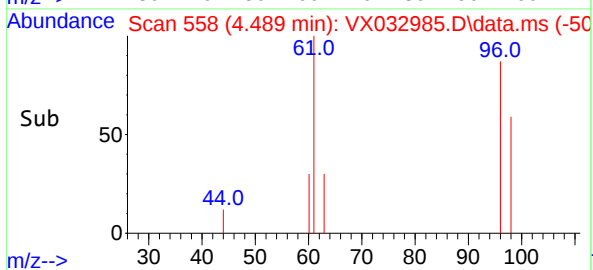
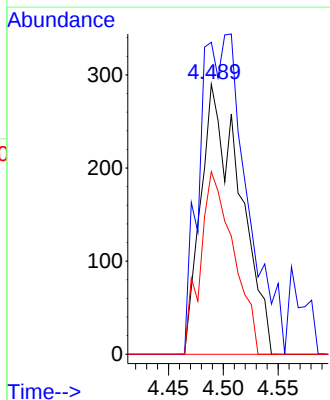
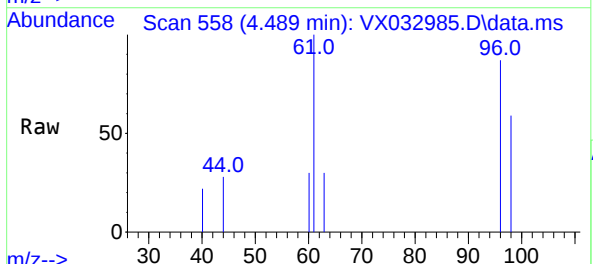


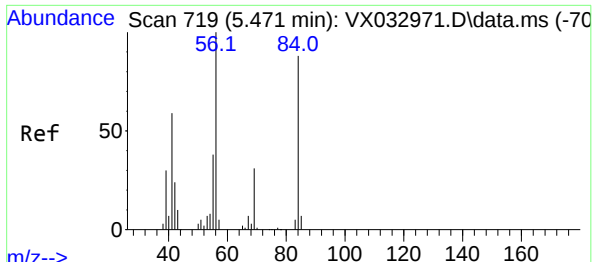
Tgt Ion: 84 Resp: 638
Ion Ratio Lower Upper
84 100
49 160.2 101.0 151.6#
51 44.8 31.1 46.7
86 62.5 52.3 78.5



#27
cis-1,2-Dichloroethene
Concen: 0.547 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

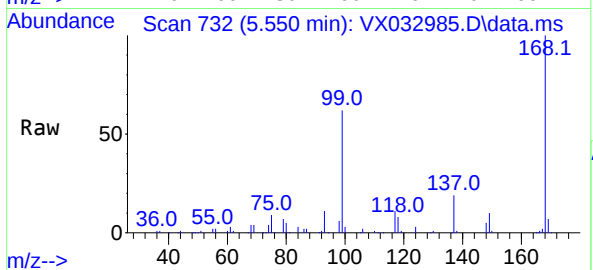
Tgt Ion: 96 Resp: 722
Ion Ratio Lower Upper
96 100
61 63.6 0.0 286.0
98 57.3 0.0 129.6



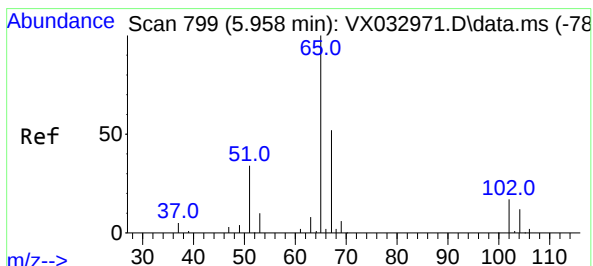
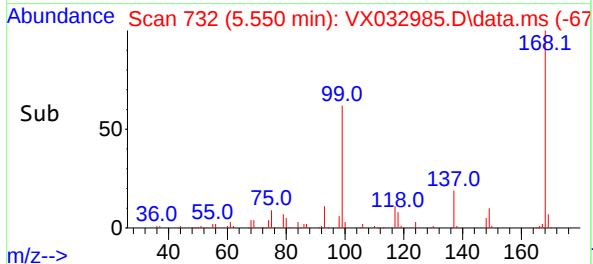
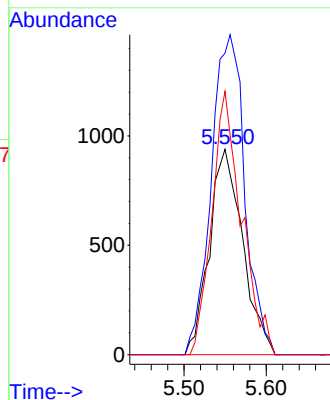


#31
Cyclohexane
Concen: 1.440 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.080 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Instrument :
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ClientSampleId :
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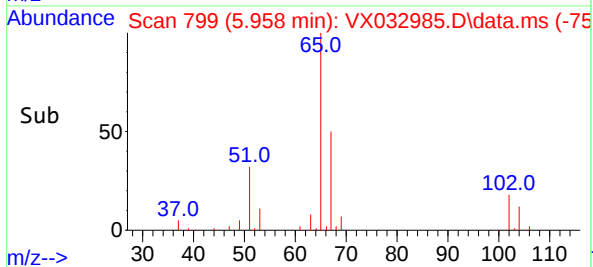
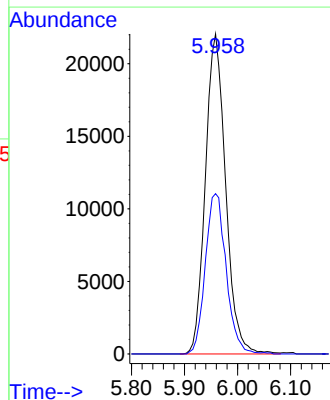
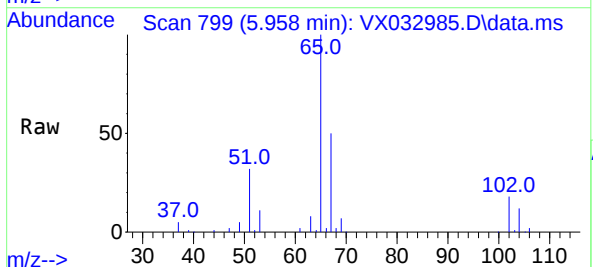


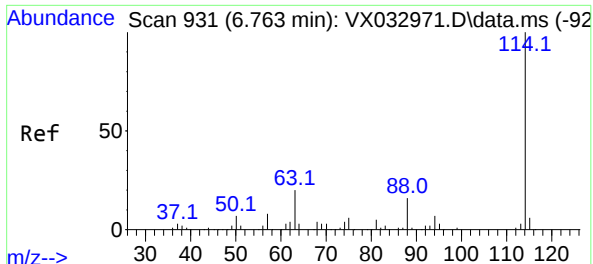
Tgt Ion: 56 Resp: 2642
Ion Ratio Lower Upper
56 100
69 146.8 24.1 36.1#
84 128.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.634 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Tgt Ion: 65 Resp: 58550
Ion Ratio Lower Upper
65 100
67 51.6 0.0 101.8

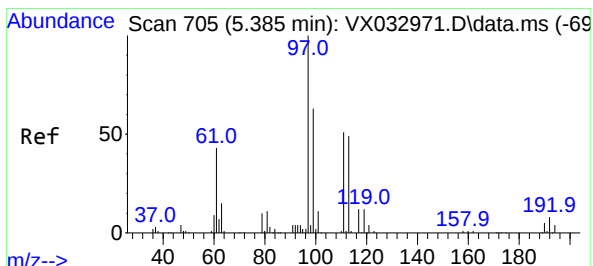
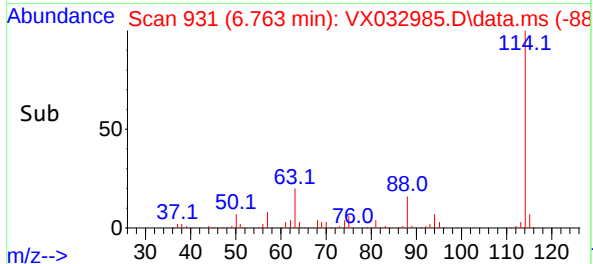
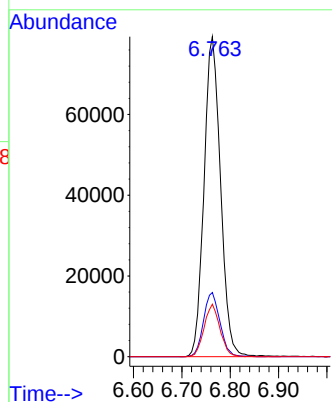
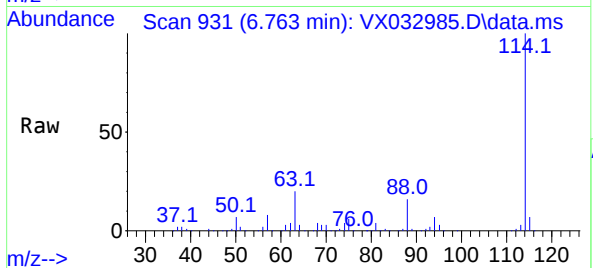




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

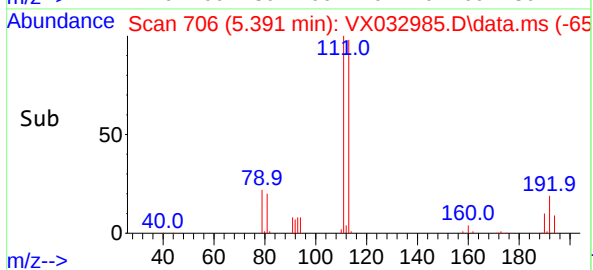
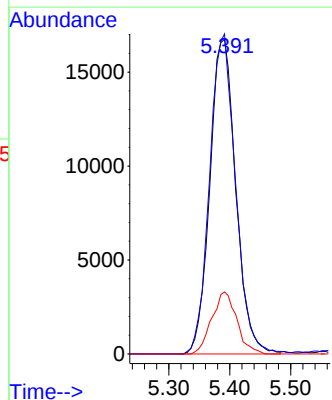
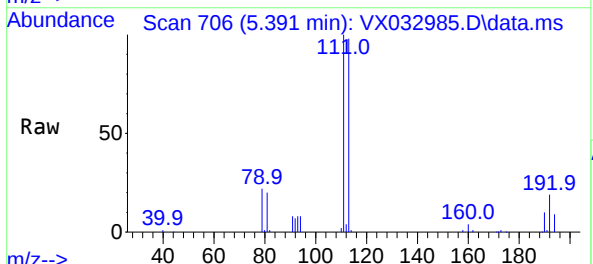
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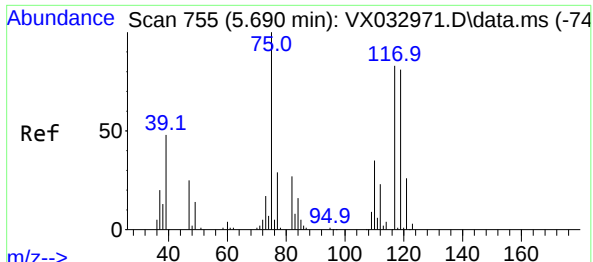
Tgt Ion:114 Resp: 188178
Ion Ratio Lower Upper
114 100
63 20.1 0.0 41.6
88 16.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 46.711 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Tgt Ion:113 Resp: 49555
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 19.0 15.4 23.2

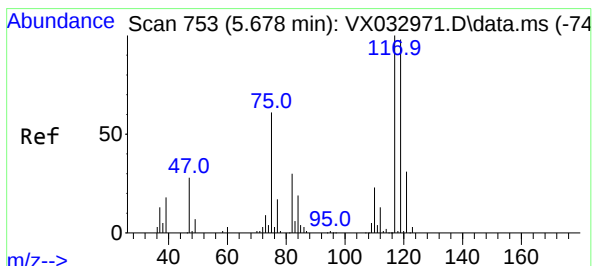
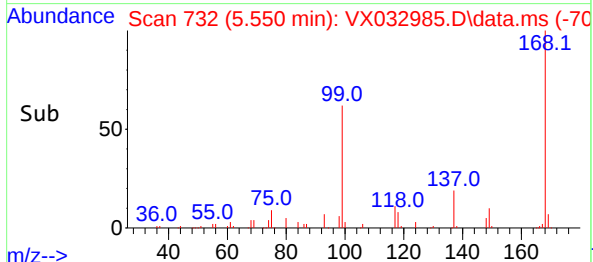
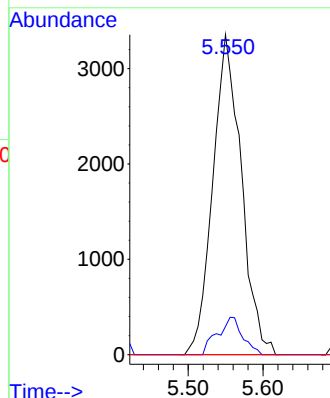
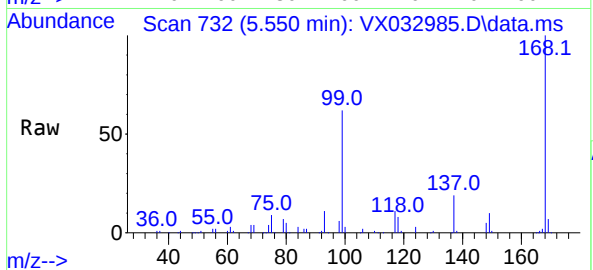




#36
1,1-Dichloropropene
Concen: 5.229 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.146 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

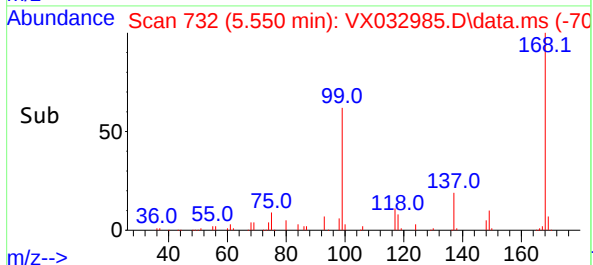
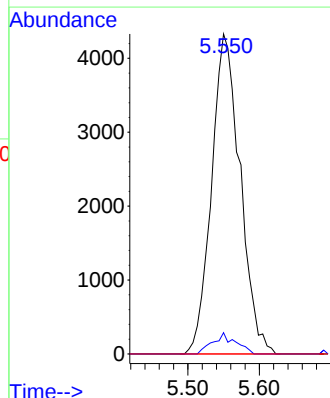
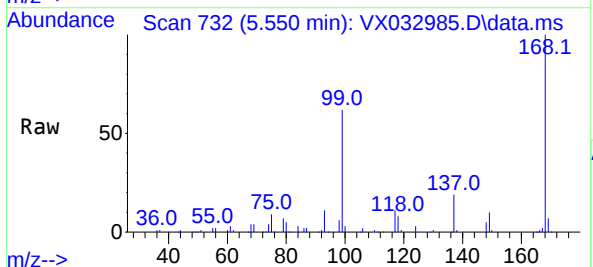
Instrument :
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RE125D1-20221116DL

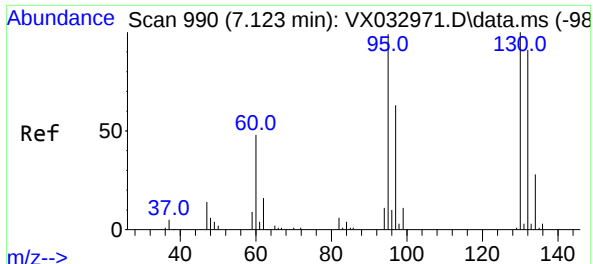
Tgt Ion: 75 Resp: 8870
Ion Ratio Lower Upper
75 100
110 10.3 18.4 55.2#
77 0.0 24.5 36.7#



#38
Carbon Tetrachloride
Concen: 6.382 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.134 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Tgt Ion: 117 Resp: 12010
Ion Ratio Lower Upper
117 100
119 6.6 77.2 115.8#
121 0.0 25.8 38.6#

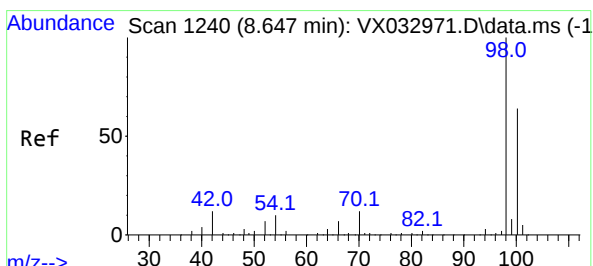
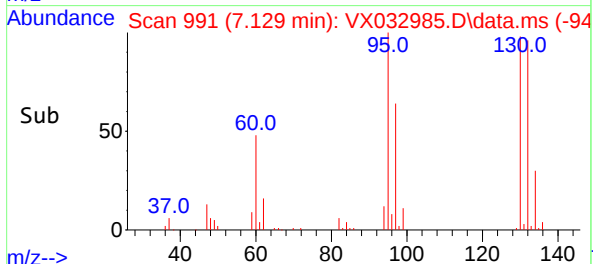
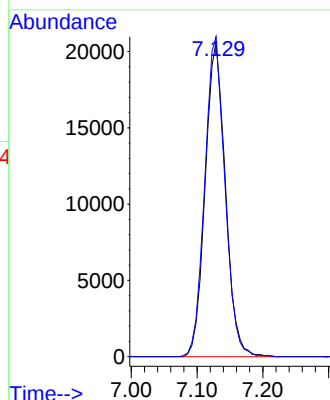
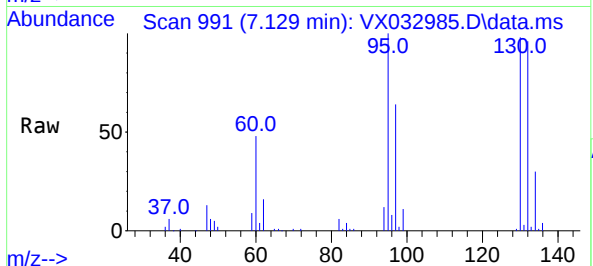




#44
Trichloroethene
Concen: 33.050 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

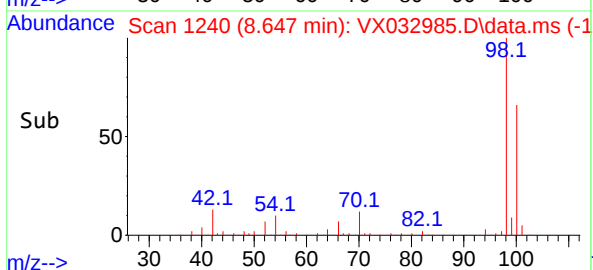
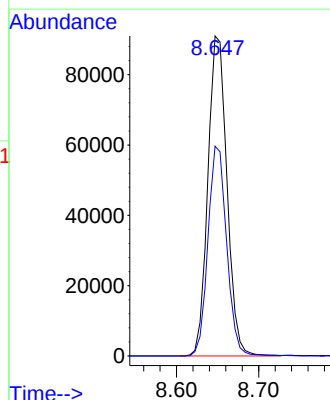
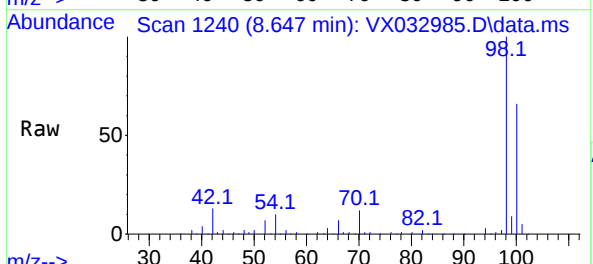
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116DL

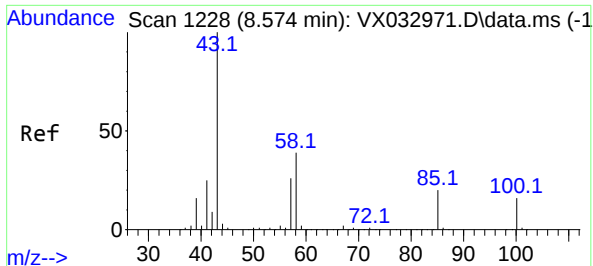
Tgt Ion:130 Resp: 44108
Ion Ratio Lower Upper
130 100
95 101.6 0.0 195.2



#50
Toluene-d8
Concen: 45.799 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Tgt Ion: 98 Resp: 146767
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3

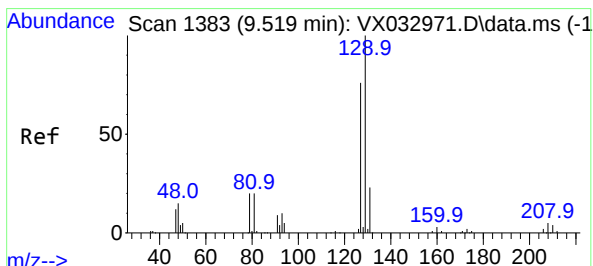
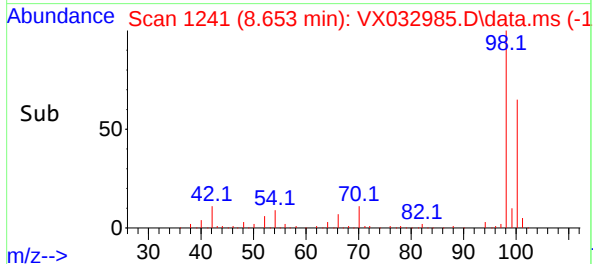
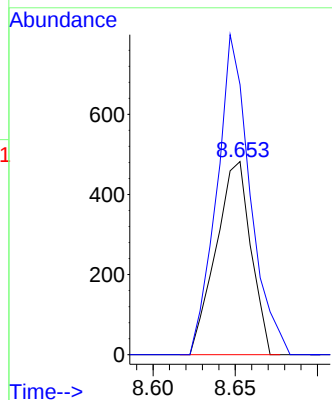
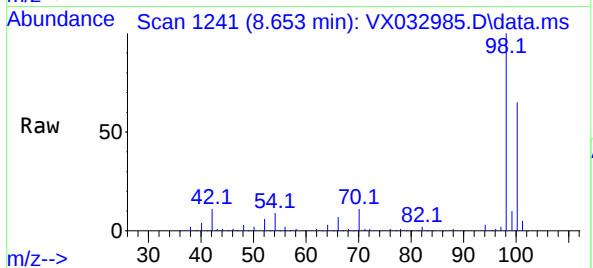




#51
4-Methyl-2-Pentanone
Concen: 0.471 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

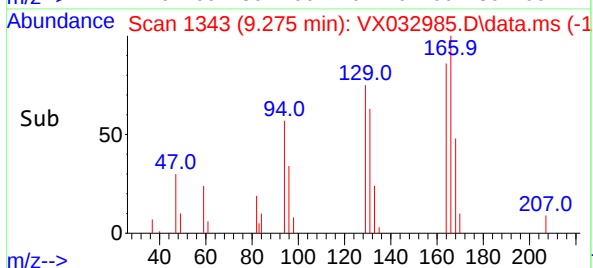
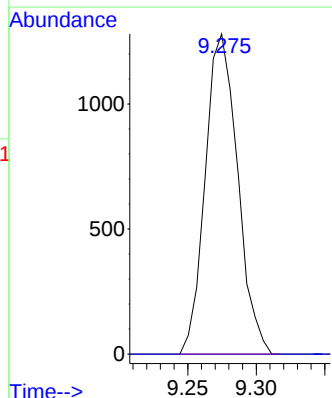
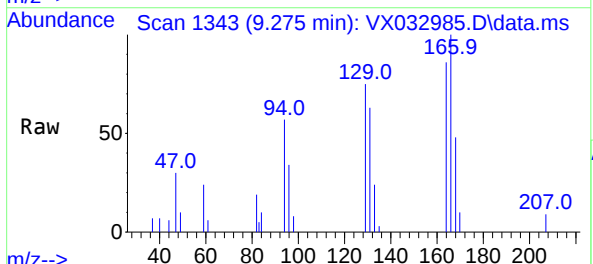
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116DL

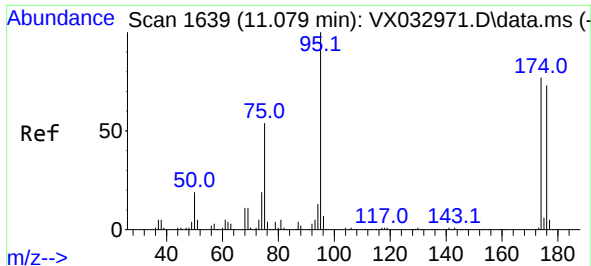
Tgt Ion: 43 Resp: 712
Ion Ratio Lower Upper
43 100
58 158.3 30.9 46.3#



#60
Dibromochloromethane
Concen: 1.535 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Tgt Ion: 129 Resp: 2106
Ion Ratio Lower Upper
129 100
127 0.0 38.6 115.8#

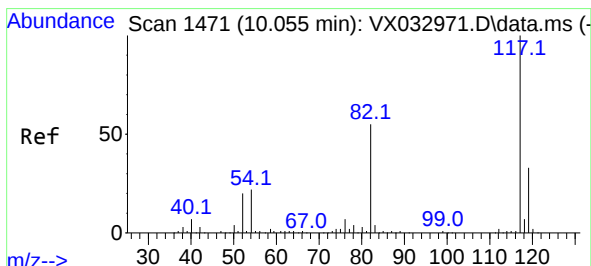
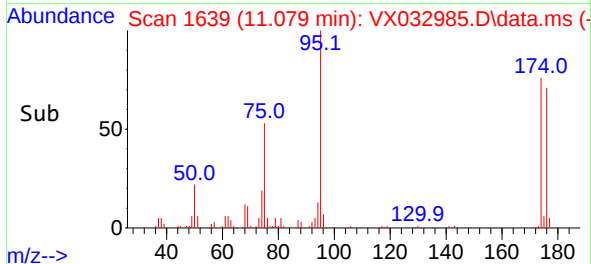
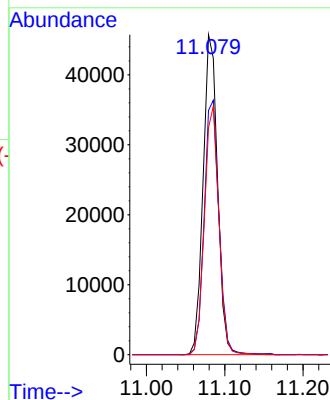
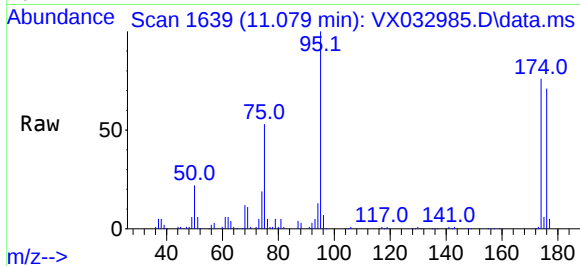




#62
4-Bromofluorobenzene
Concen: 42.119 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

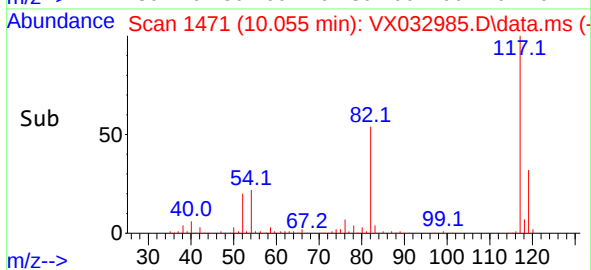
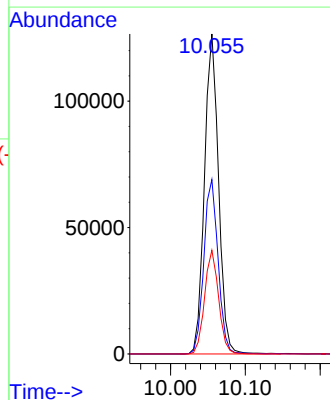
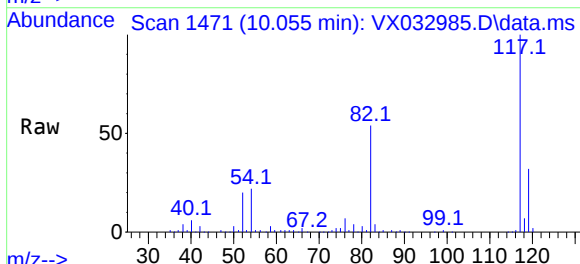
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116DL

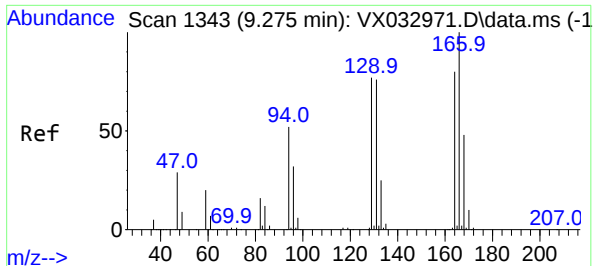
Tgt Ion: 95 Resp: 58696
Ion Ratio Lower Upper
95 100
174 81.0 0.0 164.0
176 77.5 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

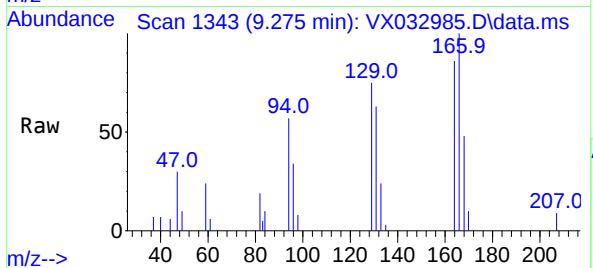
Tgt Ion: 117 Resp: 165700
Ion Ratio Lower Upper
117 100
82 54.5 44.3 66.5
119 32.4 25.7 38.5





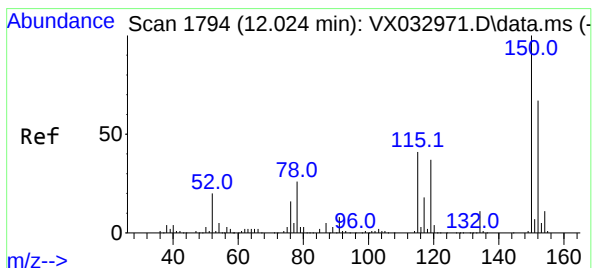
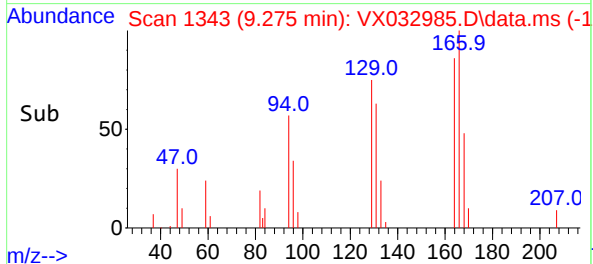
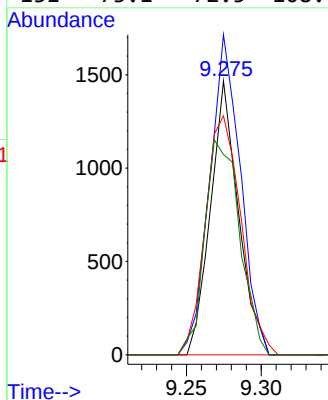
#64
Tetrachloroethene
Concen: 1.629 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116DL



Tgt Ion:164 Resp: 1911

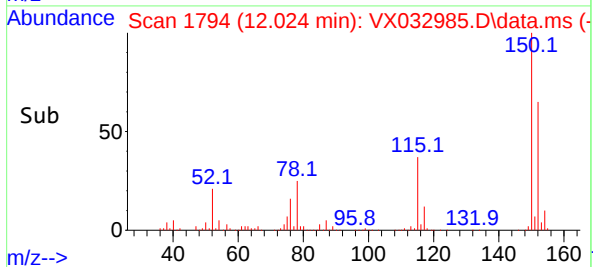
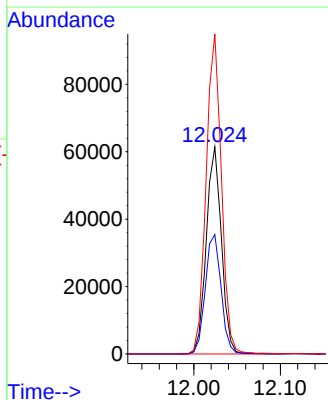
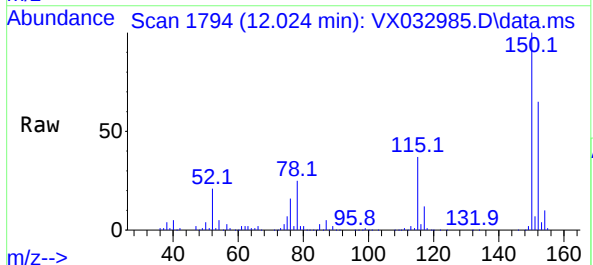
Ion	Ratio	Lower	Upper
164	100		
166	116.9	105.4	158.2
129	87.3	78.2	117.2
131	73.1	72.5	108.7

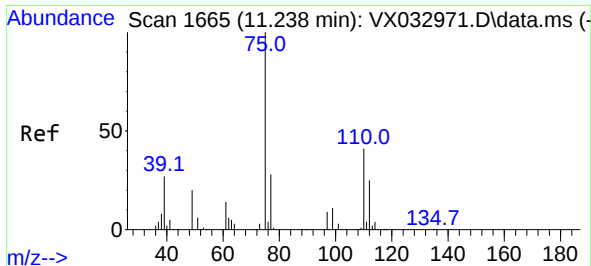


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Tgt Ion:152 Resp: 74824

Ion	Ratio	Lower	Upper
152	100		
115	60.0	44.0	132.0
150	155.8	0.0	351.8

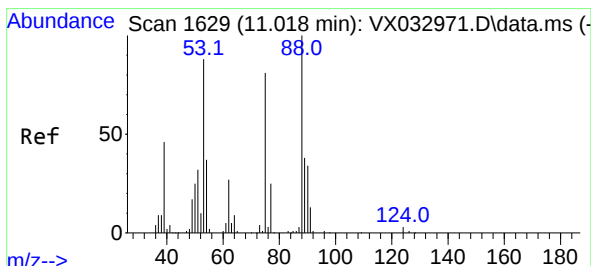
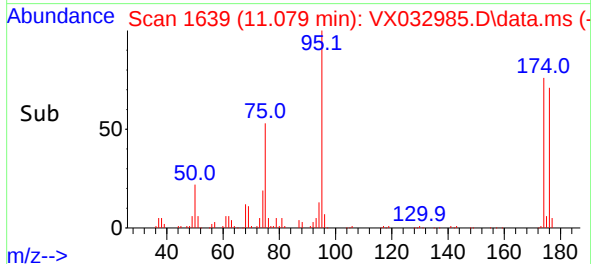
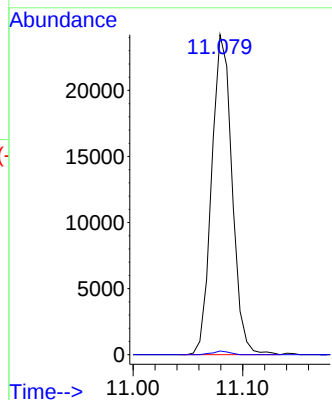
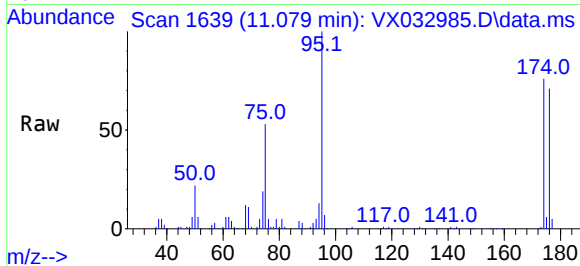




#76
1,2,3-Trichloropropane
Concen: 22.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

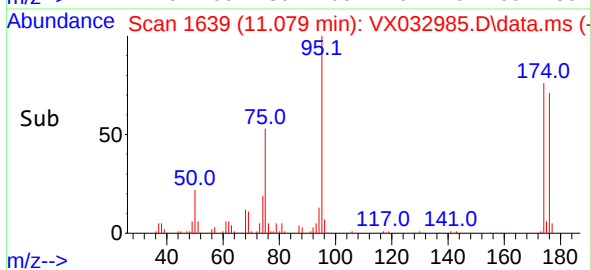
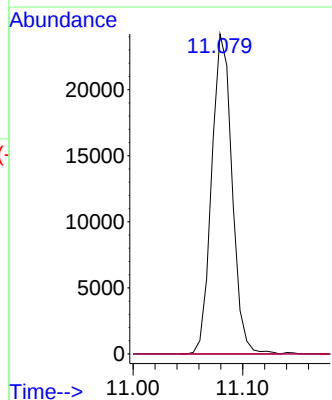
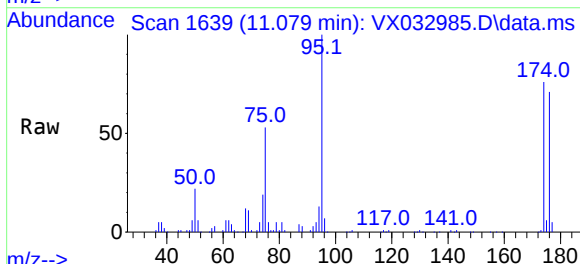
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116DL

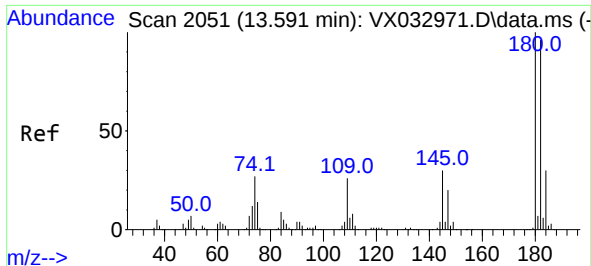
Tgt Ion: 75 Resp: 31296
Ion Ratio Lower Upper
75 100
77 0.9 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 71.788 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Tgt Ion: 75 Resp: 31296
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

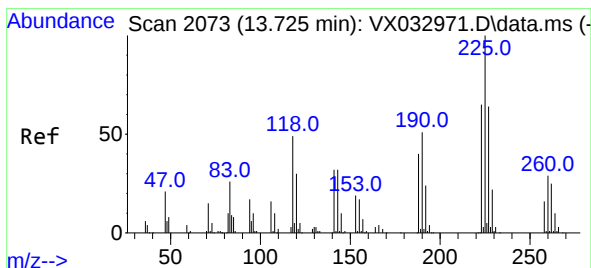
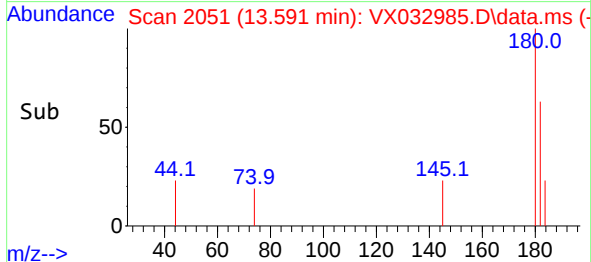
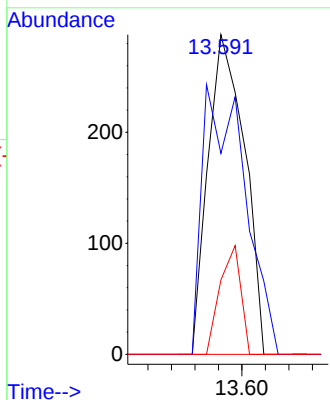
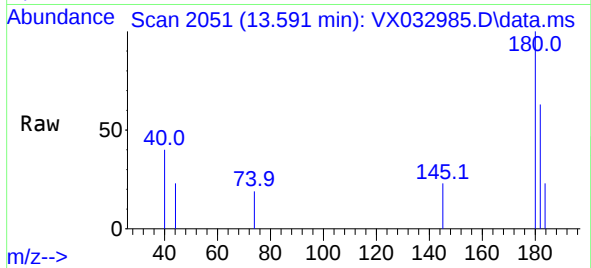




#93
1,2,4-Trichlorobenzene
Concen: 0.210 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. 0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

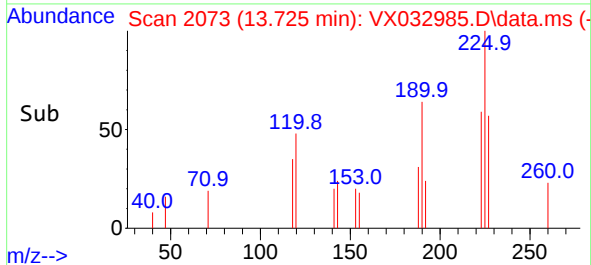
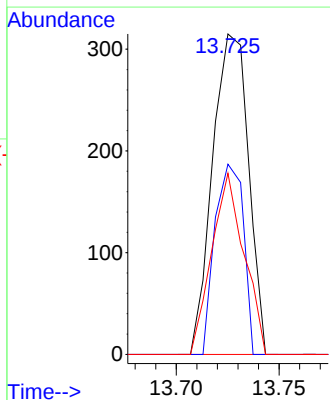
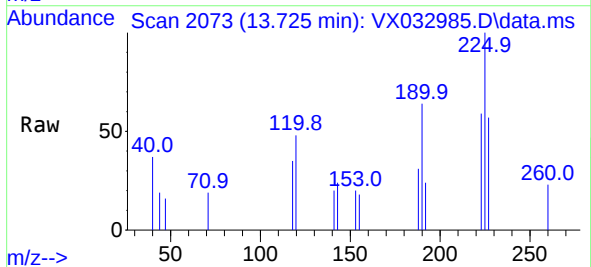
Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116DL

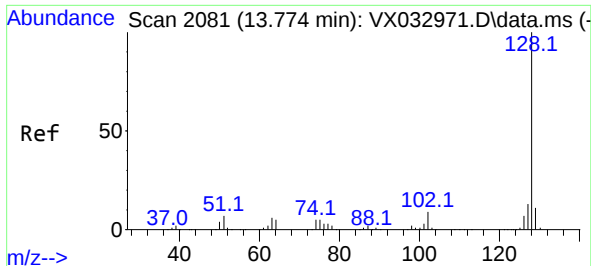
Tgt Ion:180 Resp: 310
Ion Ratio Lower Upper
180 100
182 98.4 48.4 145.0
145 19.4 16.2 48.5



#94
Hexachlorobutadiene
Concen: 0.587 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Tgt Ion:225 Resp: 383
Ion Ratio Lower Upper
225 100
223 47.0 31.9 95.9
227 50.9 31.9 95.5

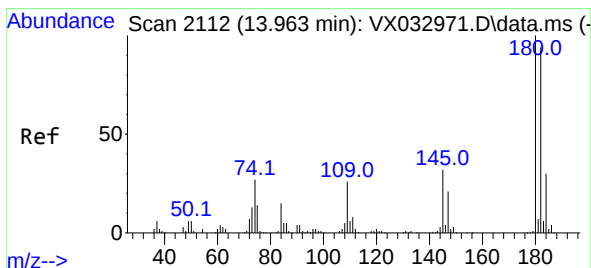
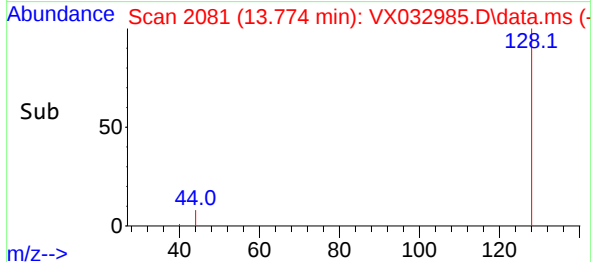
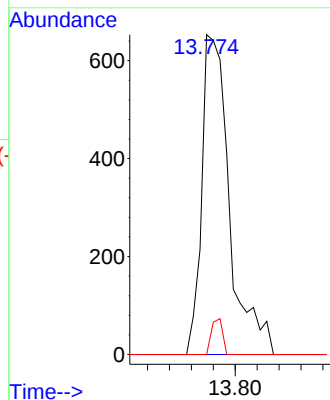
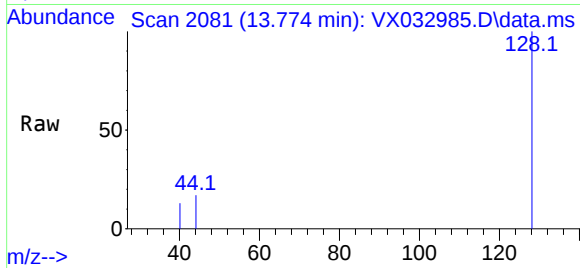




#95
Naphthalene
Concen: 0.240 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.006 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Instrument :
MSVOA_X
ClientSampleId :
RE125D1-20221116DL

Tgt Ion:128 Resp: 1147
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 4.4 8.9 13.3#



#96
1,2,3-Trichlorobenzene
Concen: 0.247 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX032985.D
Acq: 22 Nov 2022 18:00

Tgt Ion:180 Resp: 367
Ion Ratio Lower Upper
180 100
182 73.6 47.5 142.6
145 5.4 16.9 50.6#

