

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX083022\
 Data File : VX030952.D
 Acq On : 30 Aug 2022 20:31
 Operator : JC/MD
 Sample : N4297-14 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20220821DL

Quant Time: Sep 06 01:18:19 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X083022W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 30 14:24:53 2022
 Response via : Initial Calibration

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

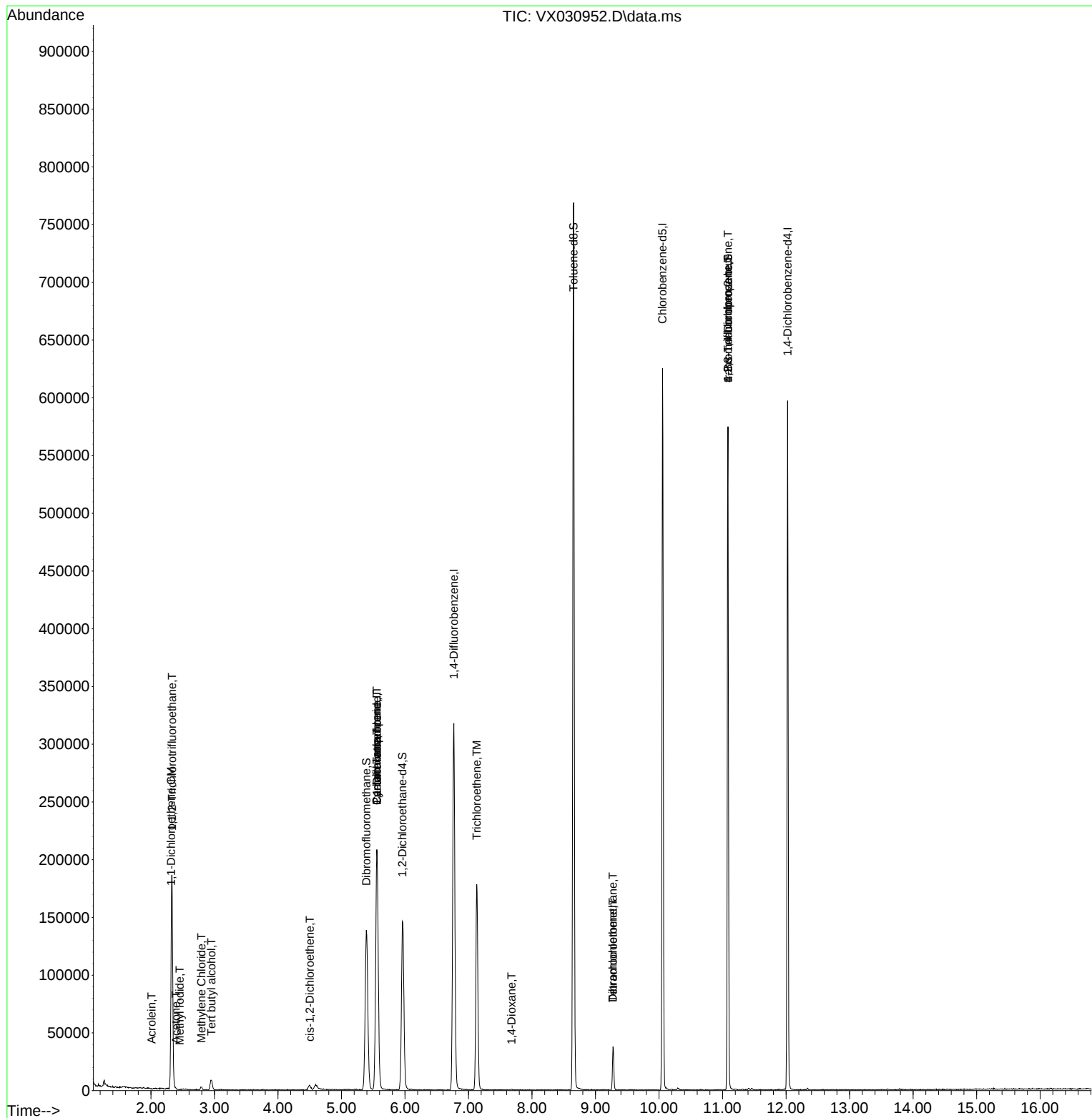
Internal Standards						
1) Pentafluorobenzene	5.556	168	199967	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	338364	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302391	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	123745	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	141844	49.456	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.920%
35) Dibromofluoromethane	5.391	113	125575	50.346	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.700%
50) Toluene-d8	8.653	98	471869	51.084	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.160%
62) 4-Bromofluorobenzene	11.085	95	154473	46.961	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.920%
Target Compounds						Qvalue
5) Bromomethane	1.611	94	363	Below Cal		87
9) 1,1,2-Trichlorotrifluo...	2.331	101	75479	30.637	ug/l	95
10) Methyl Iodide	2.453	142	105	4.418	ug/l #	45
11) Tert butyl alcohol	2.953	59	5287	7.781	ug/l #	76
12) 1,1-Dichloroethene	2.319	96	1052	0.433	ug/l #	78
13) Acrolein	2.008	56	30	7.358	ug/l #	14
16) Acetone	2.392	43	821	0.634	ug/l #	87
20) Methylene Chloride	2.794	84	1192	0.405	ug/l #	80
27) cis-1,2-Dichloroethene	4.501	96	2932	0.966	ug/l	86
31) Cyclohexane	5.556	56	3639	0.857	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	16180	4.364	ug/l #	48
38) Carbon Tetrachloride	5.556	117	20510	5.811	ug/l #	18
44) Trichloroethene	7.129	130	72938	23.172	ug/l	95
49) 1,4-Dioxane	7.677	88	350	4.399	ug/l #	80
60) Dibromochloromethane	9.275	129	7295	2.592	ug/l #	11
64) Tetrachloroethene	9.275	164	7426	2.596	ug/l	93
76) 1,2,3-Trichloropropane	11.085	75	74340	24.402	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	74340	72.551	ug/l #	13

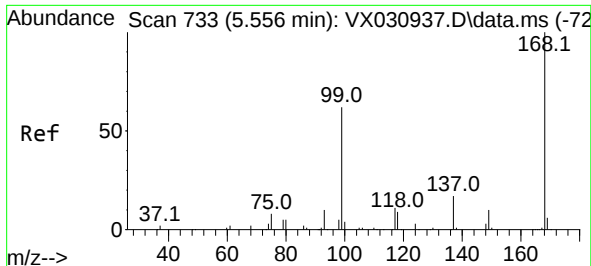
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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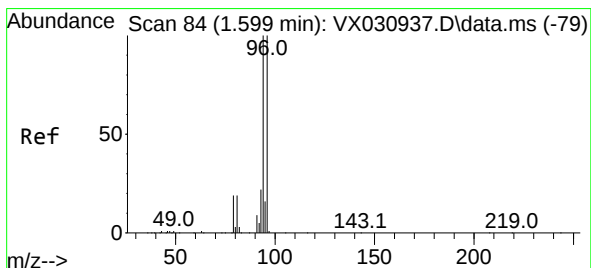
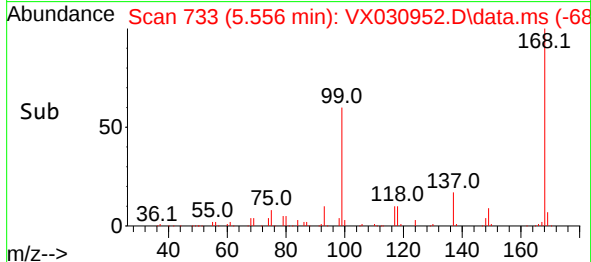
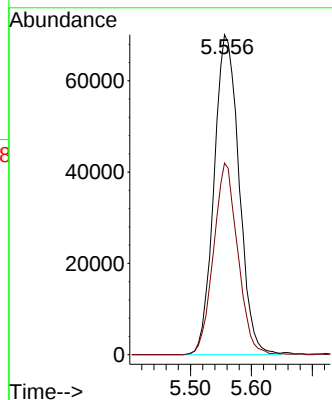
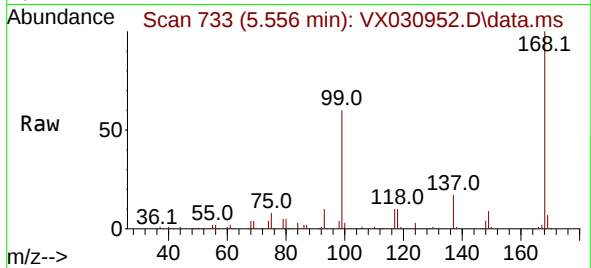




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

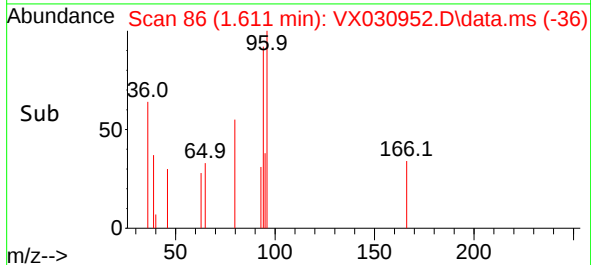
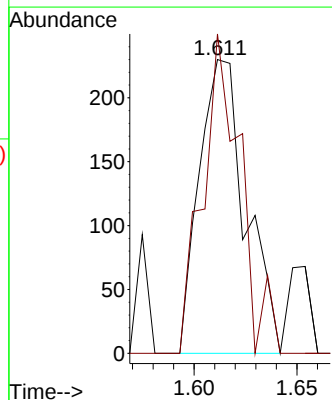
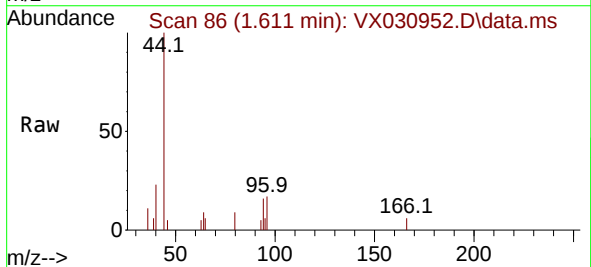
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821DL

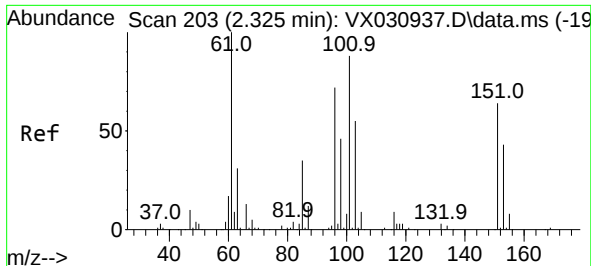
Tgt Ion:168 Resp: 199967
Ion Ratio Lower Upper
168 100
99 59.9 44.0 66.0



#5
Bromomethane
Concen: Below Cal
RT: 1.611 min Scan# 86
Delta R.T. 0.006 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion: 94 Resp: 363
Ion Ratio Lower Upper
94 100
96 108.7 76.9 115.3

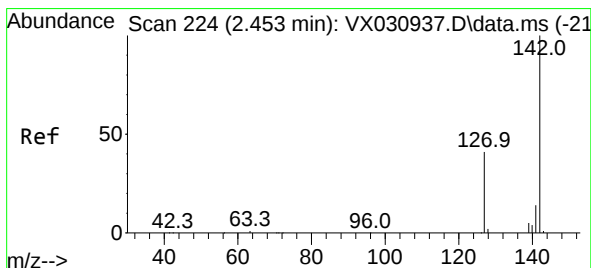
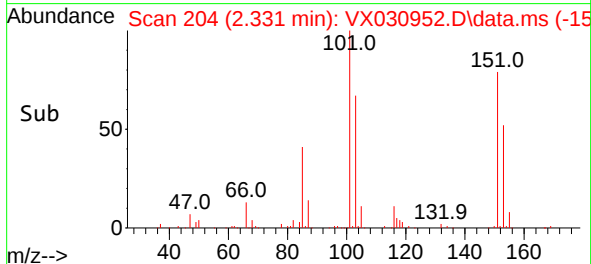
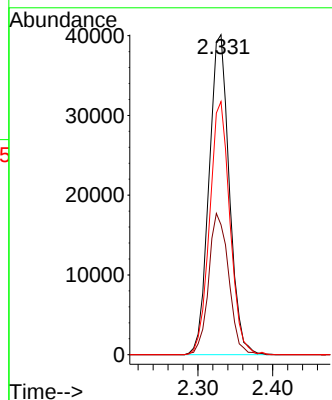
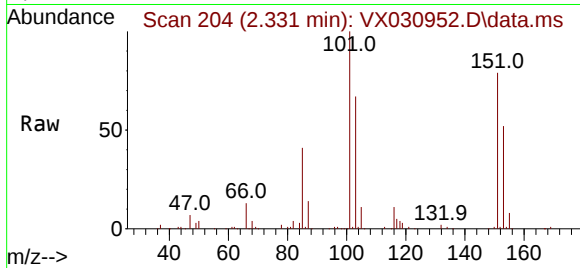




#9
1,1,2-Trichlorotrifluoroethane
Concen: 30.637 ug/l
RT: 2.331 min Scan# 20
Delta R.T. 0.006 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

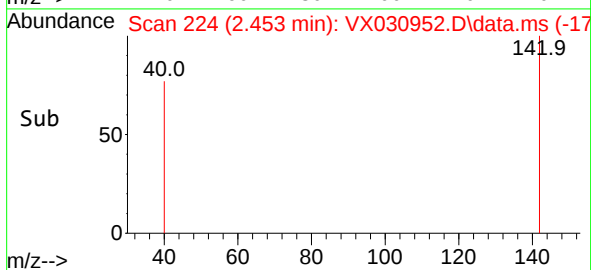
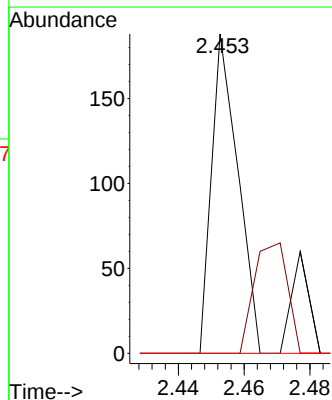
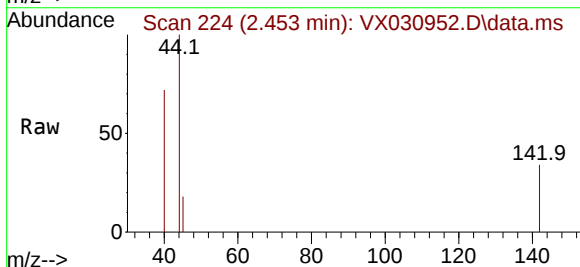
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821DL

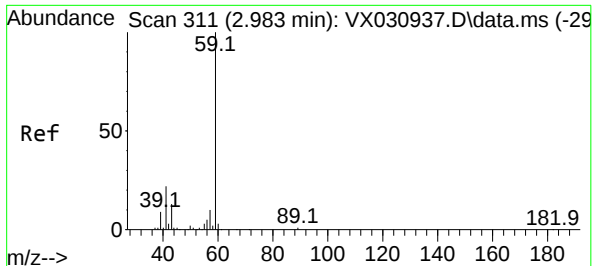
Tgt Ion:101 Resp: 75479
Ion Ratio Lower Upper
101 100
85 43.7 34.0 51.0
151 79.3 59.4 89.0



#10
Methyl Iodide
Concen: 4.418 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion:142 Resp: 105
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#

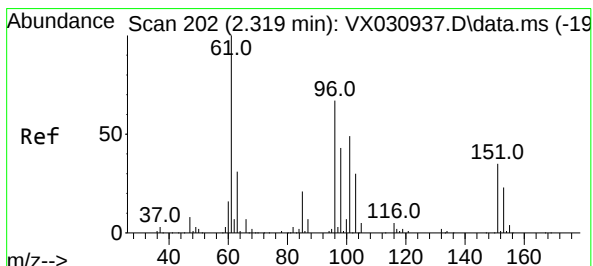
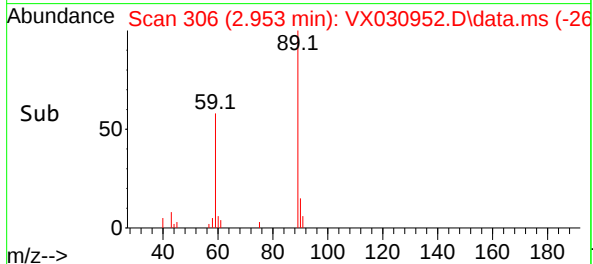
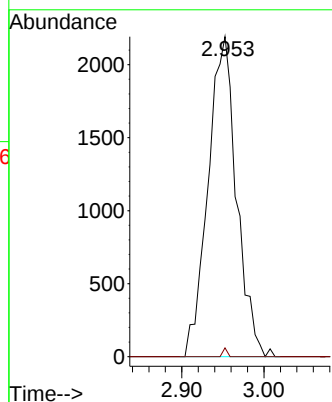
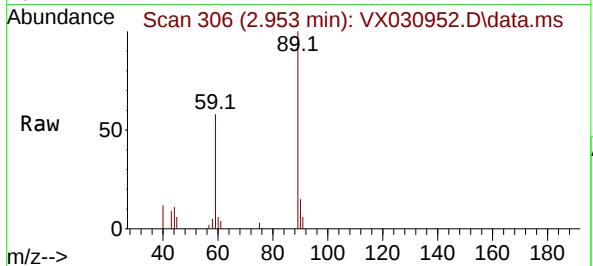




#11
Tert butyl alcohol
Concen: 7.781 ug/l
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

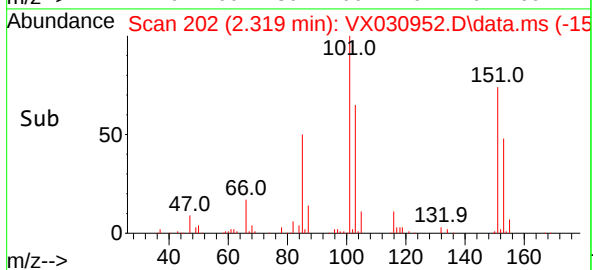
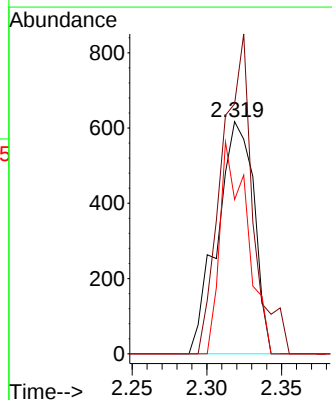
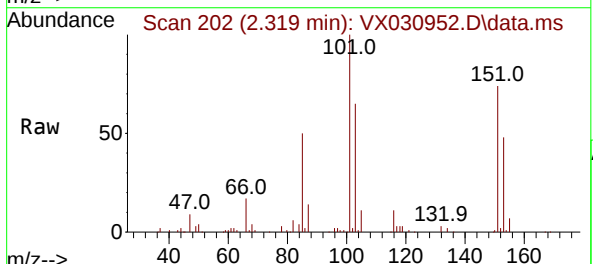
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821DL

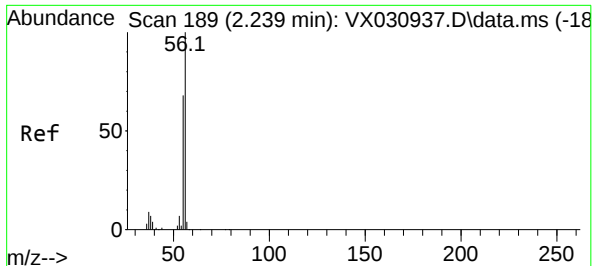
Tgt Ion: 59 Resp: 5287
Ion Ratio Lower Upper
59 100
57 0.4 7.4 11.2#



#12
1,1-Dichloroethene
Concen: 0.433 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion: 96 Resp: 1052
Ion Ratio Lower Upper
96 100
61 107.6 117.4 176.0#
98 66.5 52.2 78.4

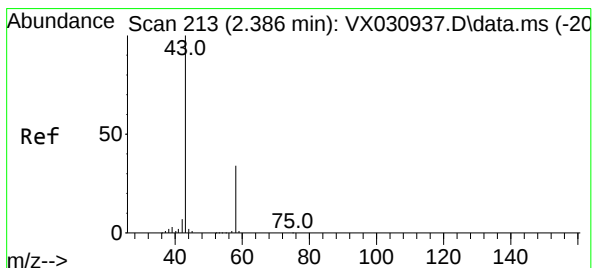
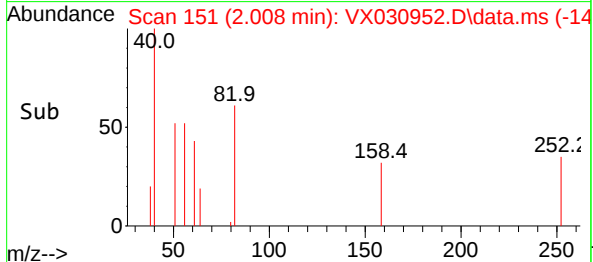
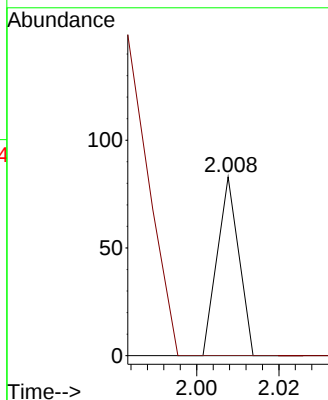
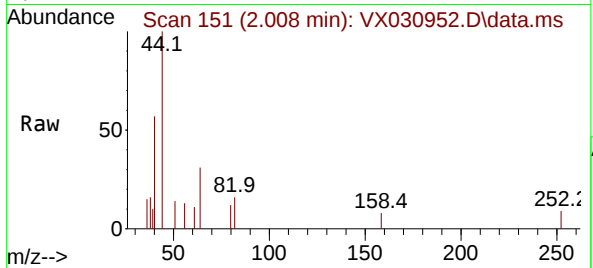




#13
Acrolein
Concen: 7.358 ug/l
RT: 2.008 min Scan# 11
Delta R.T. -0.231 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

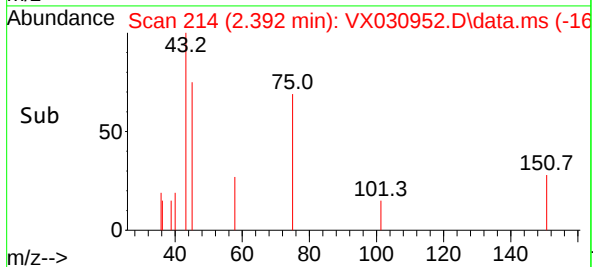
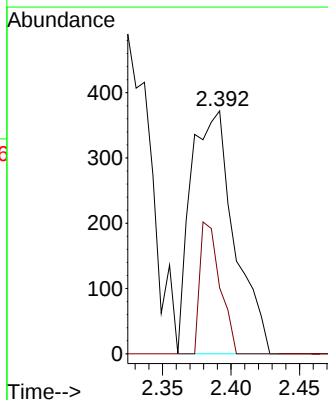
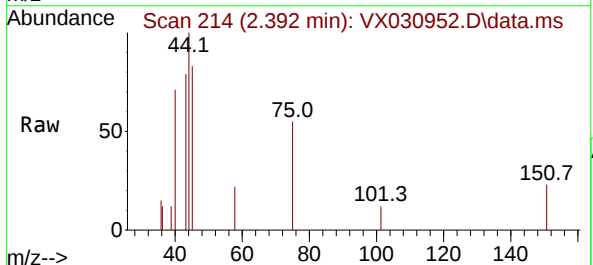
Instrument :
MSVOA_X
ClientSampleId :
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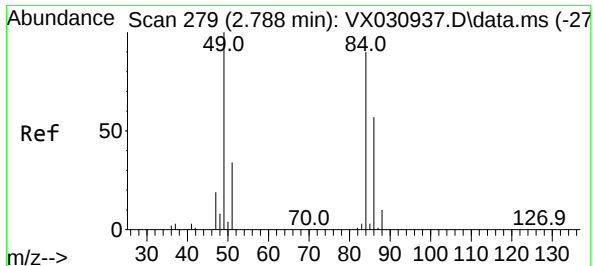
Tgt Ion: 56 Resp: 30
Ion Ratio Lower Upper
56 100
55 0.0 56.6 84.8#



#16
Acetone
Concen: 0.634 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion: 43 Resp: 821
Ion Ratio Lower Upper
43 100
58 27.2 27.7 41.5#

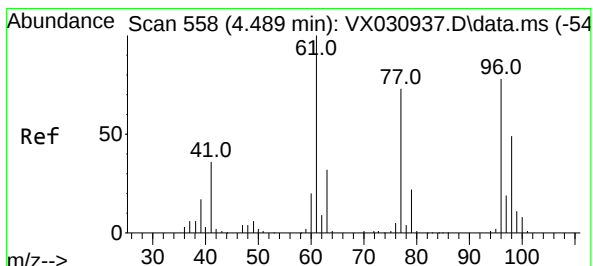
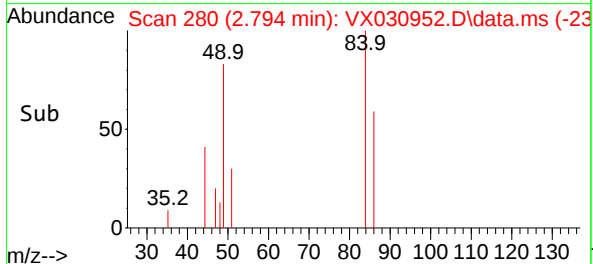
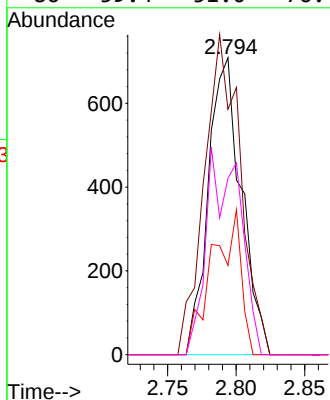
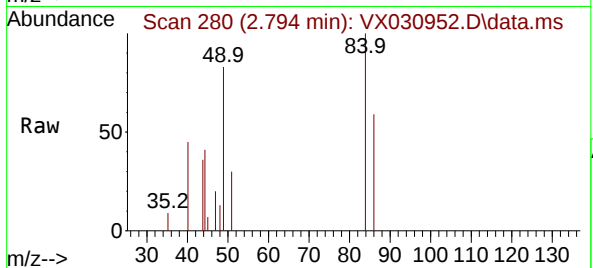




#20
Methylene Chloride
Concen: 0.405 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

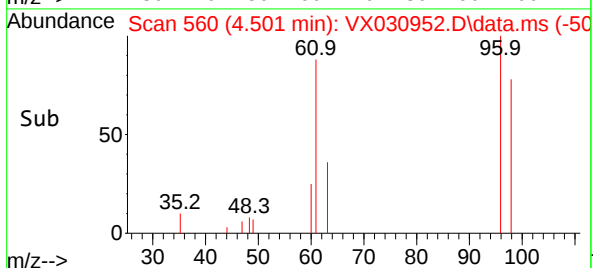
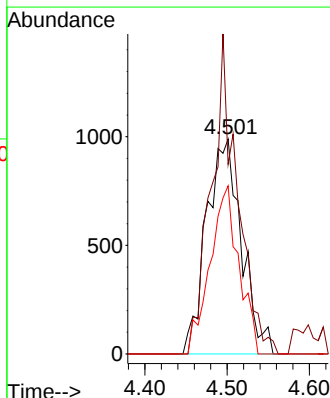
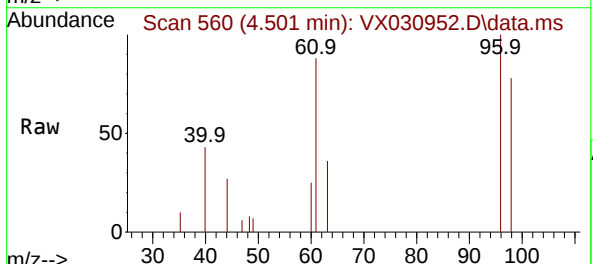
Instrument :
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ClientSampleId :
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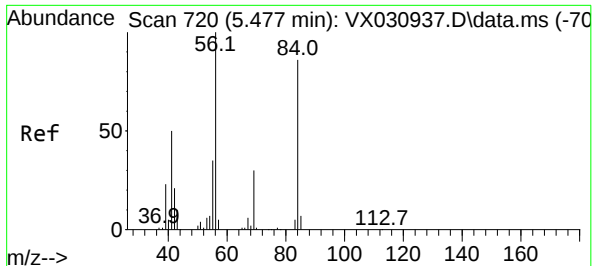
Tgt Ion: 84	Resp: 1192
Ion Ratio	Lower Upper
84	100
49	82.7 93.8 140.6#
51	30.0 29.4 44.0
86	59.4 51.0 76.4



#27
cis-1,2-Dichloroethene
Concen: 0.966 ug/l
RT: 4.501 min Scan# 560
Delta R.T. 0.012 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

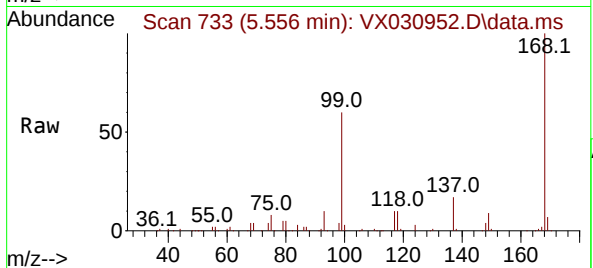
Tgt Ion: 96	Resp: 2932
Ion Ratio	Lower Upper
96	100
61	111.4 0.0 270.0
98	64.3 0.0 127.8



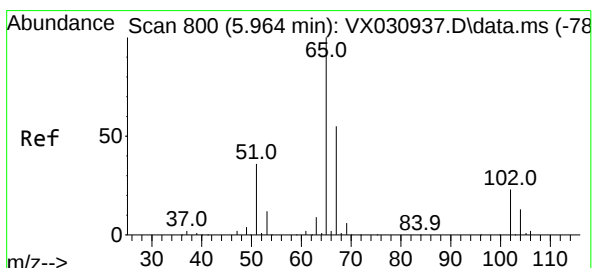
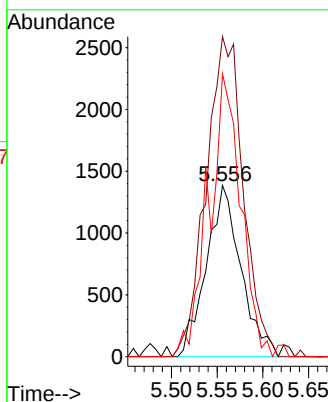
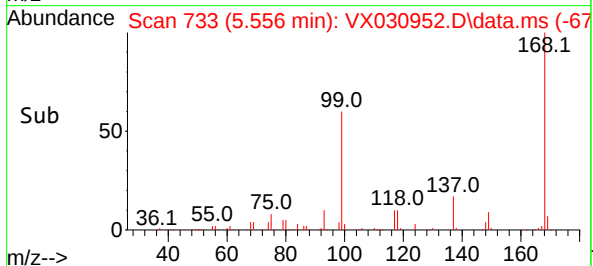


#31
Cyclohexane
Concen: 0.857 ug/l
RT: 5.556 min Scan# 713
Delta R.T. 0.079 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Instrument :
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ClientSampleId :
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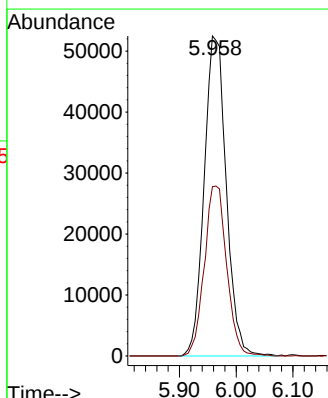
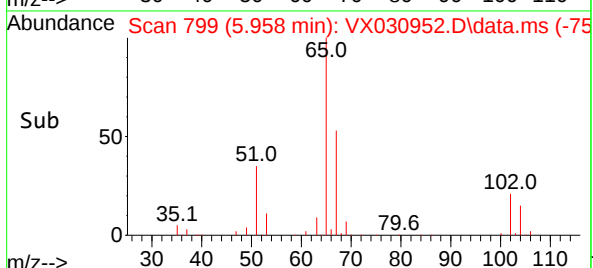
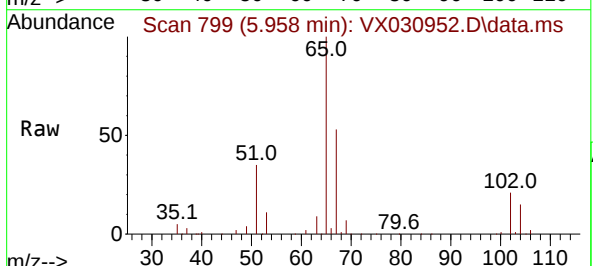


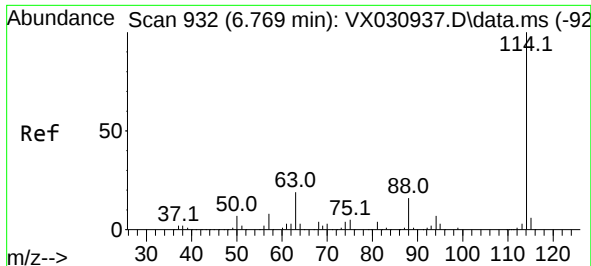
Tgt Ion: 56 Resp: 3639
Ion Ratio Lower Upper
56 100
69 186.9 25.4 38.0#
84 160.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 49.456 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion: 65 Resp: 141844
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6

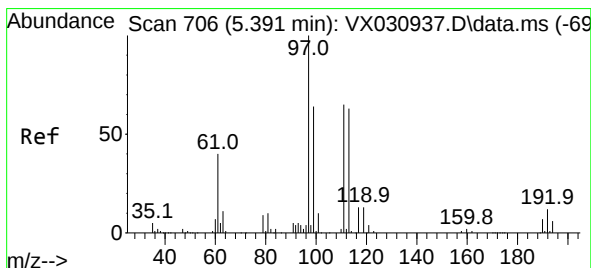
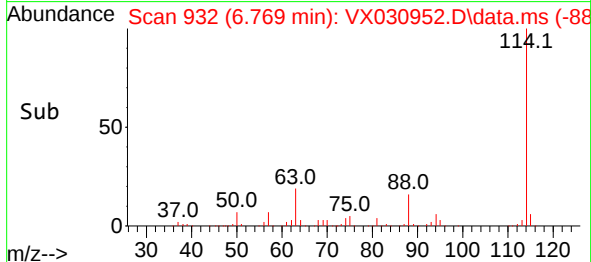
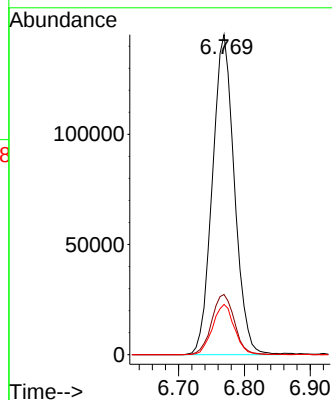
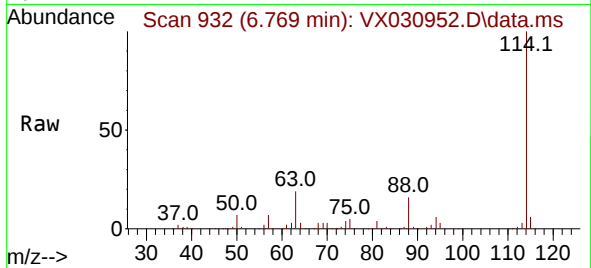




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

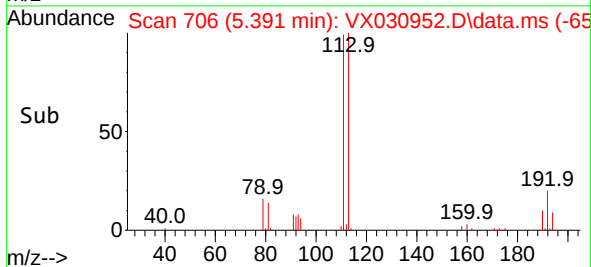
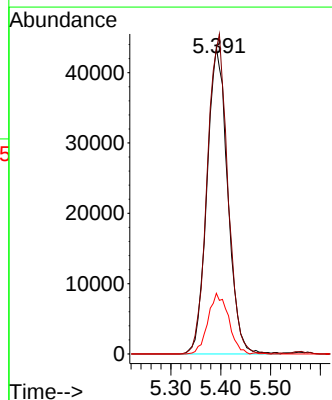
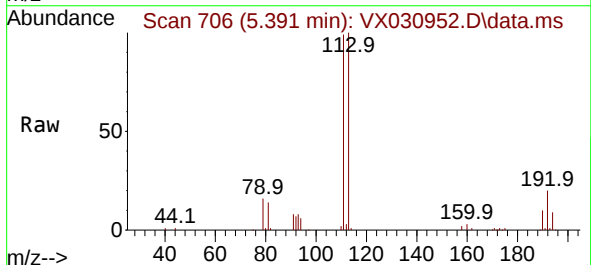
Instrument :
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ClientSampleId :
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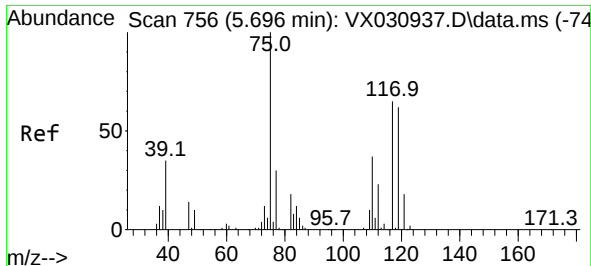
Tgt Ion:114 Resp: 338364
Ion Ratio Lower Upper
114 100
63 18.8 0.0 38.4
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 50.346 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion:113 Resp: 125575
Ion Ratio Lower Upper
113 100
111 103.4 83.2 124.8
192 19.7 14.8 22.2

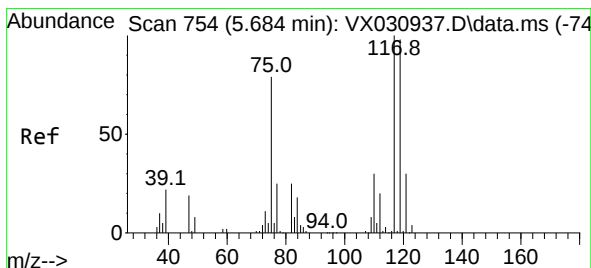
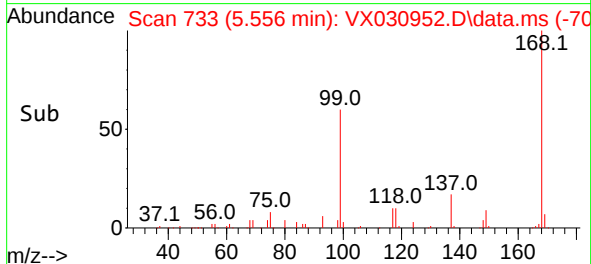
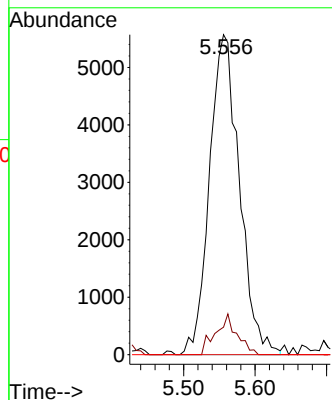
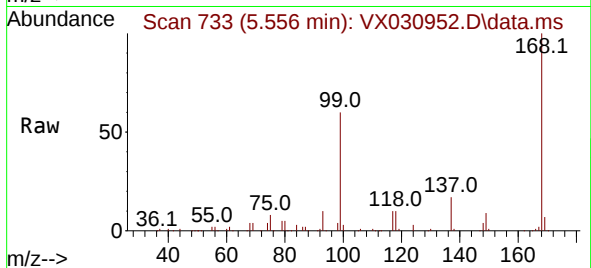




#36
1,1-Dichloropropene
Concen: 4.364 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

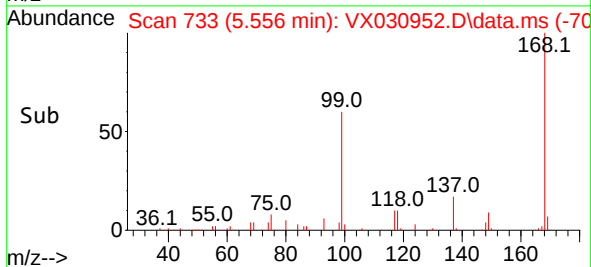
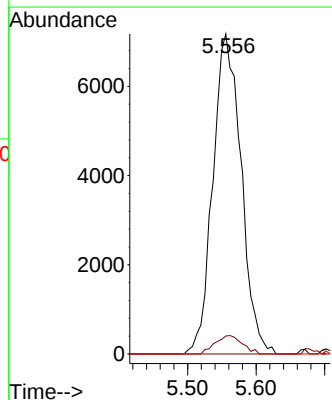
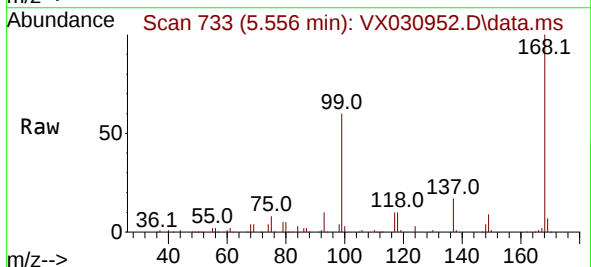
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821DL

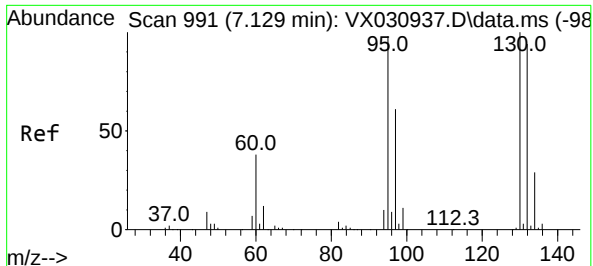
Tgt Ion: 75 Resp: 16180
Ion Ratio Lower Upper
75 100
110 9.0 19.3 57.9#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.811 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion: 117 Resp: 20510
Ion Ratio Lower Upper
117 100
119 5.6 74.1 111.1#
121 0.0 25.8 38.8#

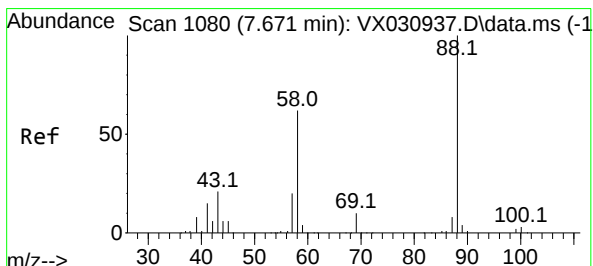
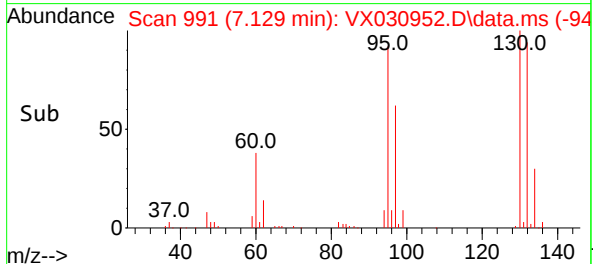
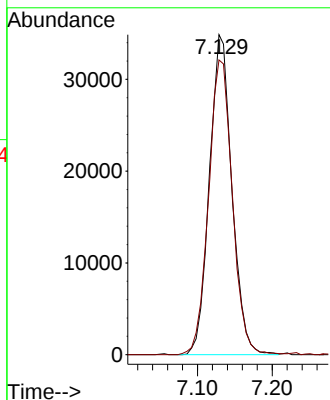
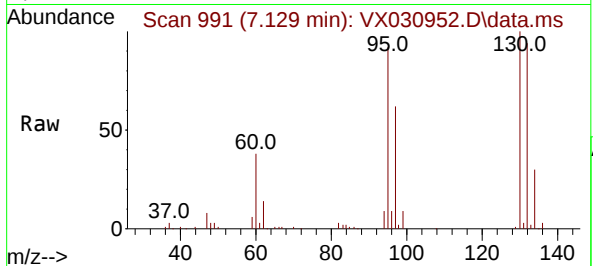




#44
Trichloroethene
Concen: 23.172 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

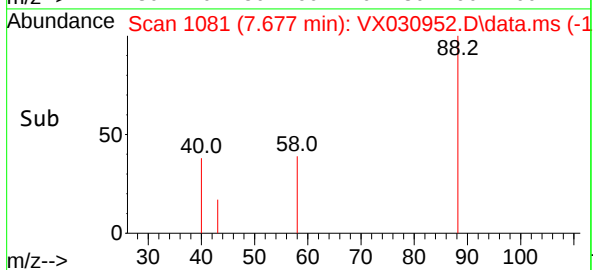
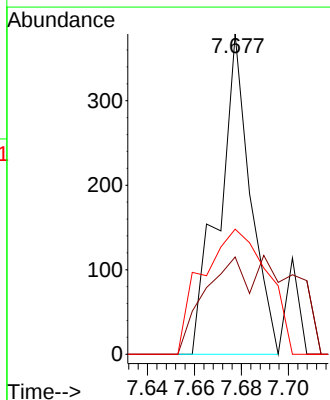
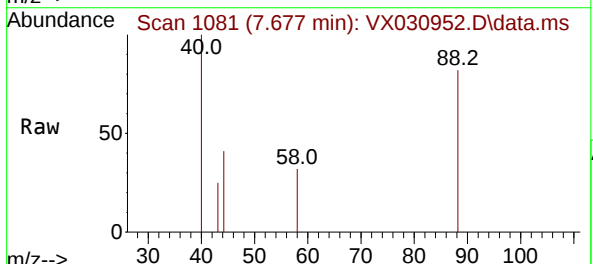
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821DL

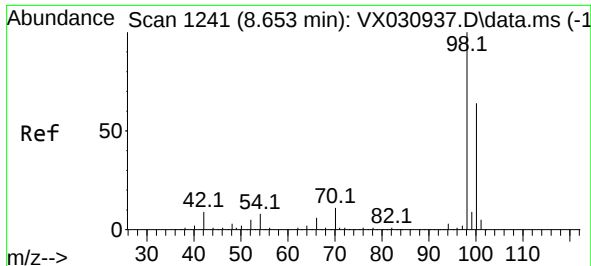
Tgt Ion:130 Resp: 72938
Ion Ratio Lower Upper
130 100
95 92.1 0.0 194.8



#49
1,4-Dioxane
Concen: 4.399 ug/l
RT: 7.677 min Scan# 1081
Delta R.T. 0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion: 88 Resp: 350
Ion Ratio Lower Upper
88 100
43 43.1 23.8 35.8#
58 81.4 53.8 80.6#

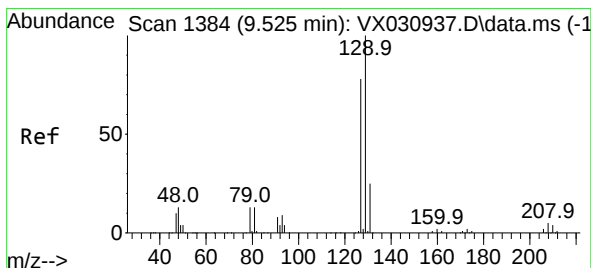
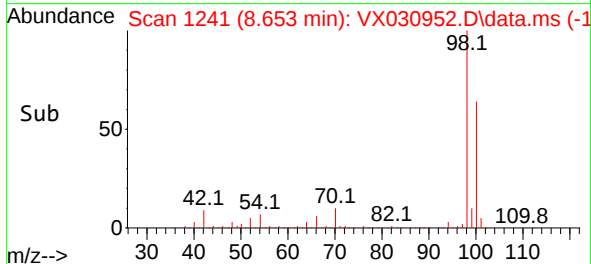
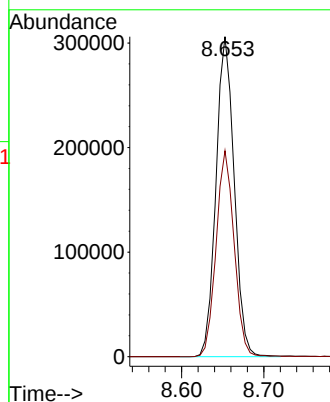
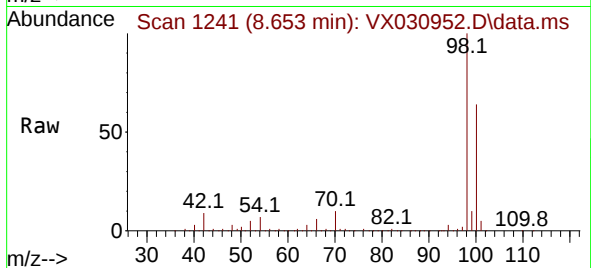




#50
Toluene-d8
Concen: 51.084 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

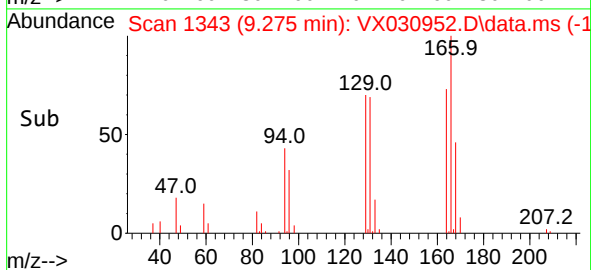
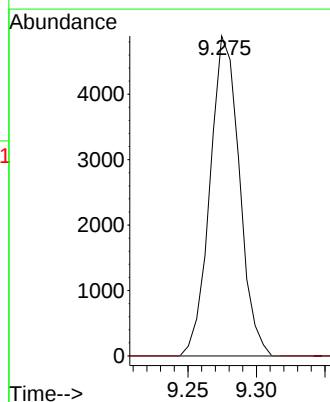
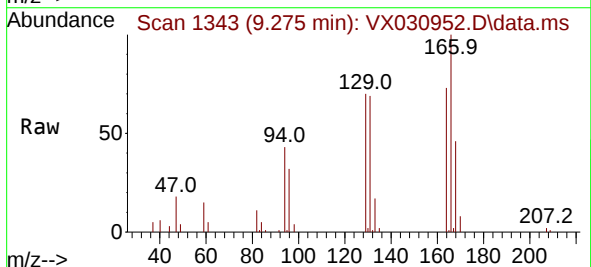
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821DL

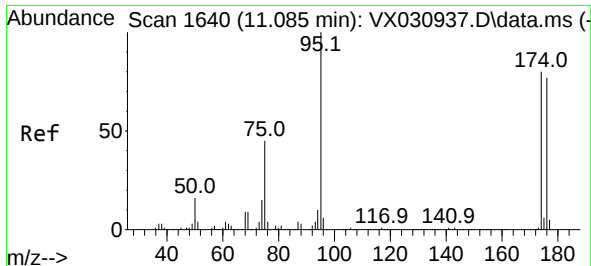
Tgt Ion: 98 Resp: 471869
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#60
Dibromochloromethane
Concen: 2.592 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.250 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion: 129 Resp: 7295
Ion Ratio Lower Upper
129 100
127 0.0 38.5 115.5#

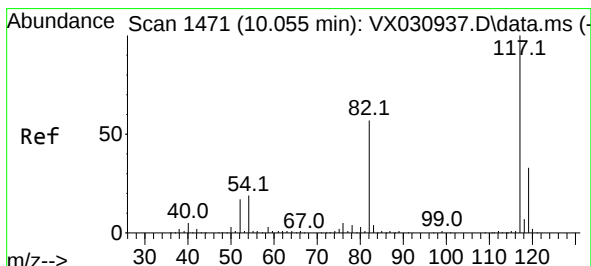
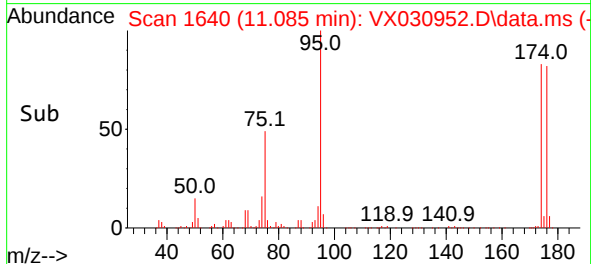
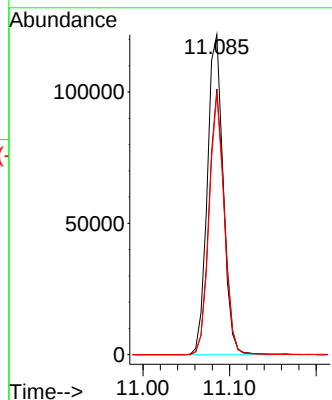
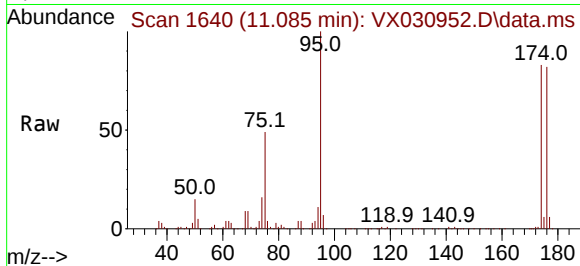




#62
4-Bromofluorobenzene
Concen: 46.961 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

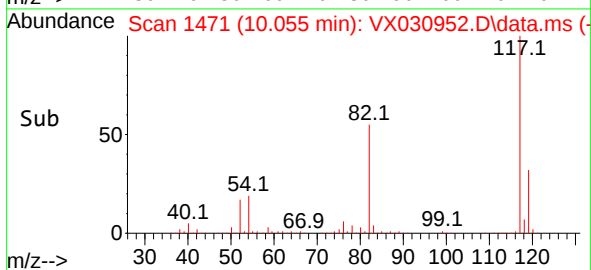
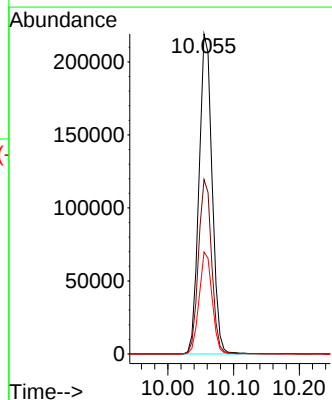
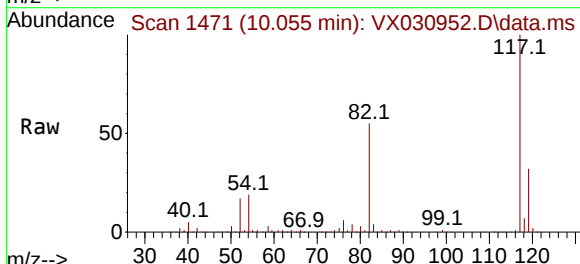
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821DL

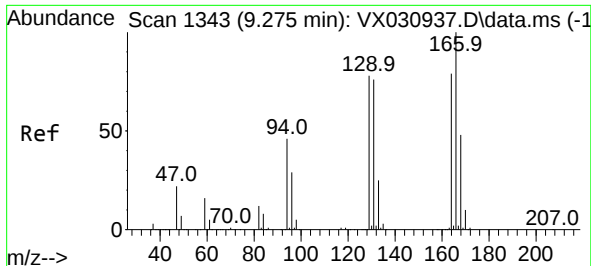
Tgt Ion: 95 Resp: 154473
Ion Ratio Lower Upper
95 100
174 80.5 0.0 149.0
176 77.6 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion: 117 Resp: 302391
Ion Ratio Lower Upper
117 100
82 54.5 42.7 64.1
119 31.8 25.4 38.2

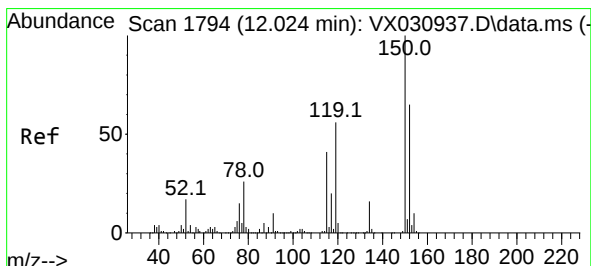
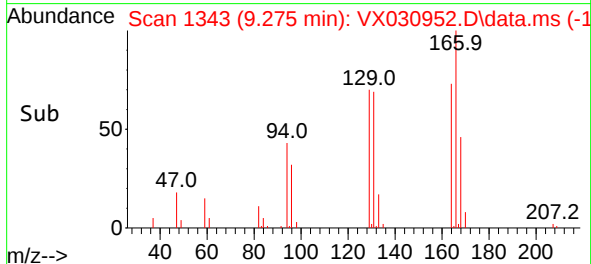
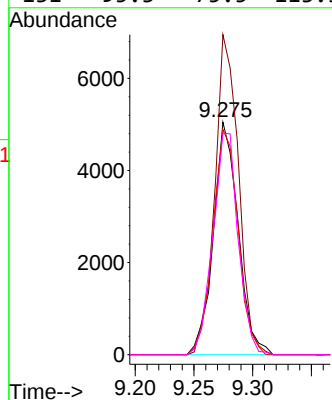
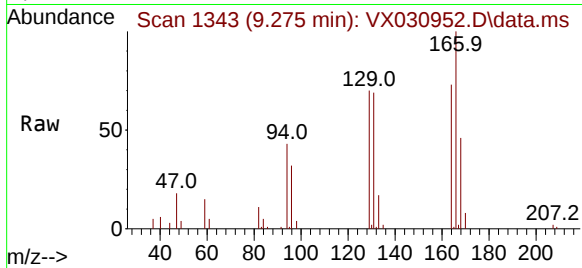




#64
Tetrachloroethene
Concen: 2.596 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

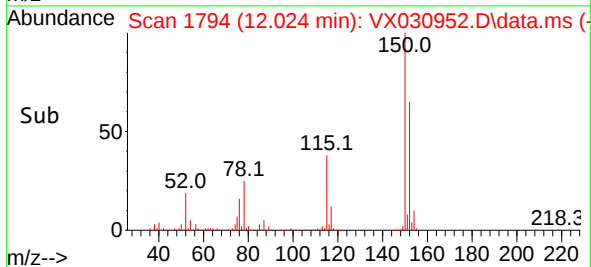
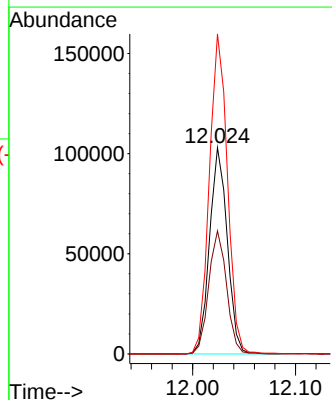
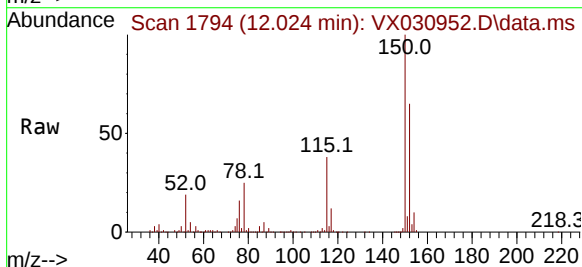
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821DL

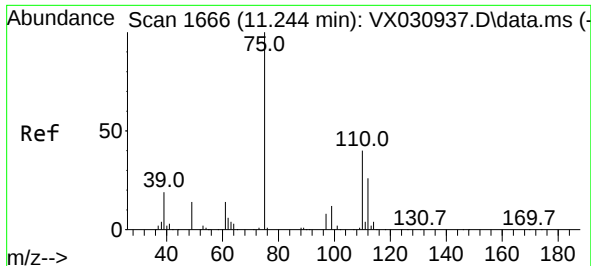
Tgt Ion:164	Resp:	7426
Ion	Ratio	Lower Upper
164	100	
166	137.6	98.2 147.4
129	96.8	80.8 121.2
131	95.3	75.5 113.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion:152	Resp:	123745
Ion	Ratio	Lower Upper
152	100	
115	60.1	40.5 121.5
150	158.0	0.0 347.0

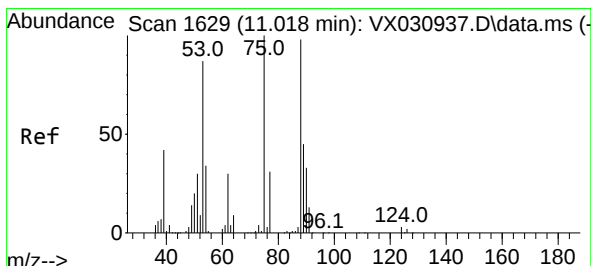
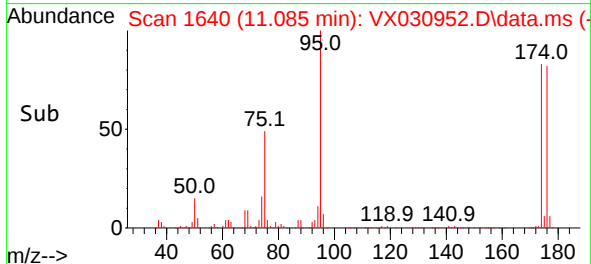
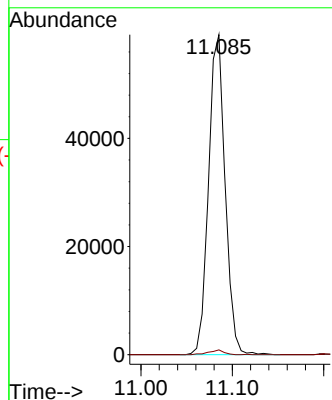
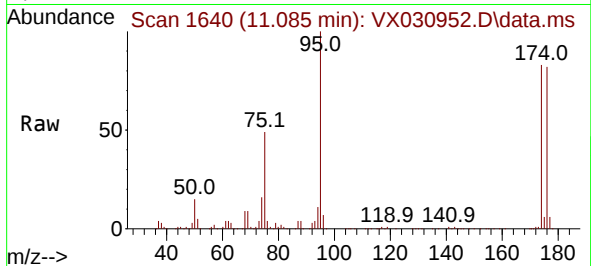




#76
1,2,3-Trichloropropane
Concen: 24.402 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220821DL

Tgt Ion: 75 Resp: 74340
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.551 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.061 min
Lab File: VX030952.D
Acq: 30 Aug 2022 20:31

Tgt Ion: 75 Resp: 74340
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.2 34.8 52.2#

