

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034486.D
 Acq On : 15 Mar 2023 06:14
 Operator : JC/MD
 Sample : 01903-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20230310

Quant Time: Mar 15 07:01:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 13 10:29:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	242916	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	416304	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	370743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	184229	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	163239	46.192	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.380%
35) Dibromofluoromethane	5.385	113	131126	47.706	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.420%
50) Toluene-d8	8.647	98	505260	49.242	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.480%
62) 4-Bromofluorobenzene	11.079	95	224317	54.123	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.240%

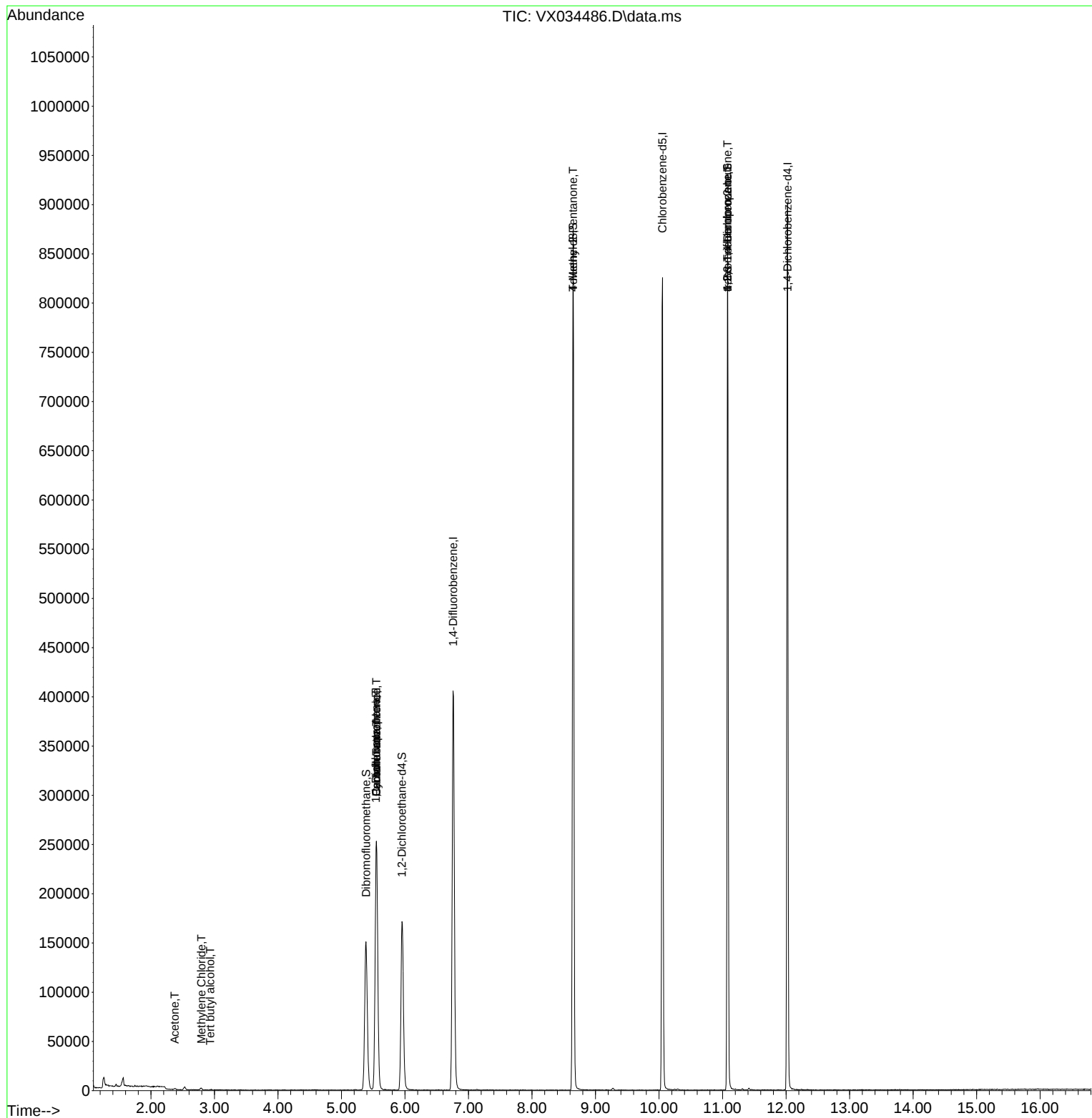
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.301	50	733	Below Cal		94
11) Tert butyl alcohol	2.934	59	310	0.421	ug/l #	73
16) Acetone	2.374	43	1526	0.917	ug/l #	87
20) Methylene Chloride	2.794	84	944	0.292	ug/l #	88
31) Cyclohexane	5.550	56	5413	1.092	ug/l #	1
36) 1,1-Dichloropropene	5.544	75	20011	4.740	ug/l #	51
38) Carbon Tetrachloride	5.550	117	24797	5.904	ug/l #	16
51) 4-Methyl-2-Pentanone	8.647	43	2540	0.560	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	121974	28.835	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	121974	78.007	ug/l #	8

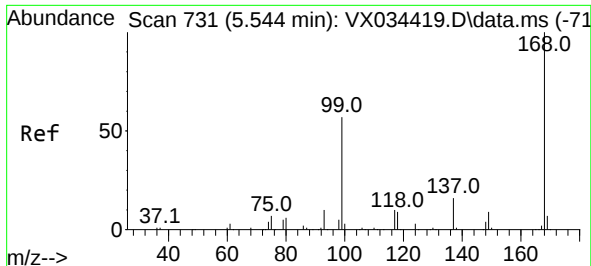
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 15 07:01:16 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X031023W.M
Quant Title : SW846 8260
QLast Update : Mon Mar 13 10:29:32 2023
Response via : Initial Calibration

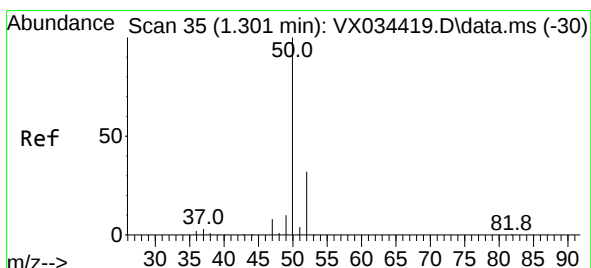
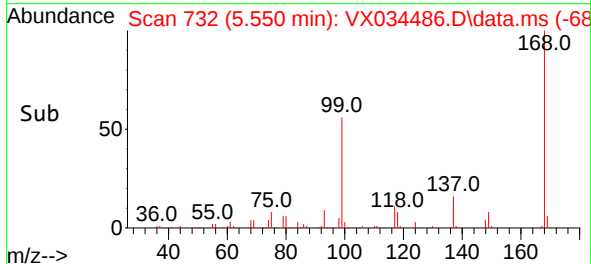
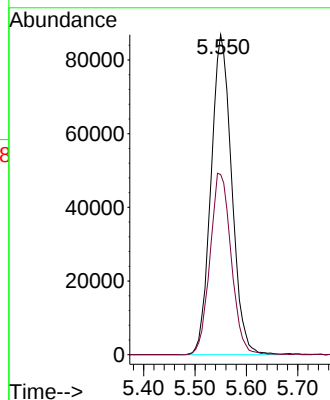
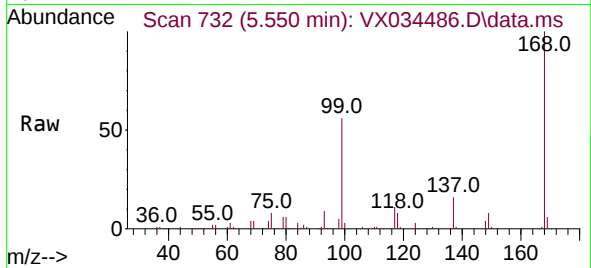




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

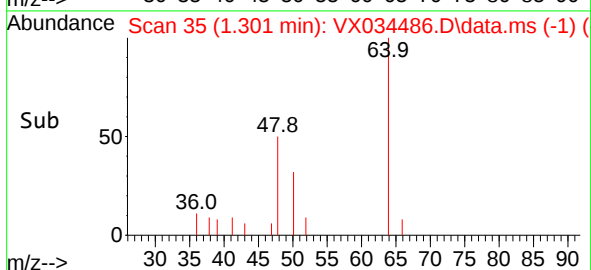
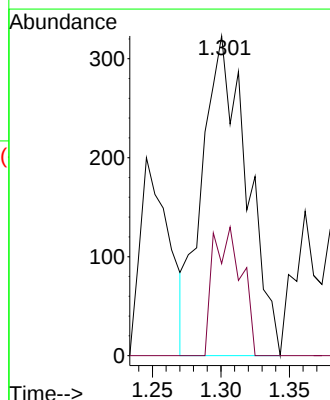
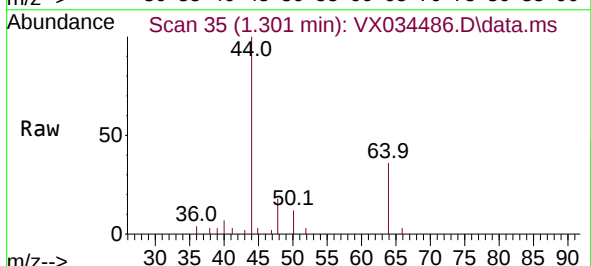
Instrument :
MSVOA_X
ClientSampleId :
TB03-20230310

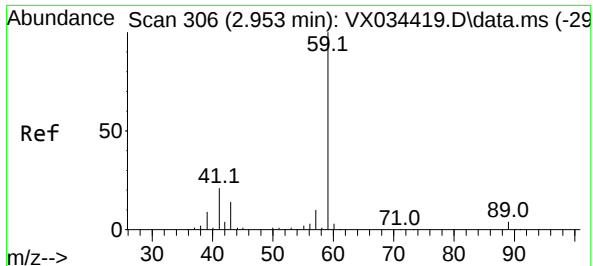
Tgt Ion:168 Resp: 242916
Ion Ratio Lower Upper
168 100
99 56.3 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.301 min Scan# 35
Delta R.T. -0.000 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion: 50 Resp: 733
Ion Ratio Lower Upper
50 100
52 28.8 25.9 38.9

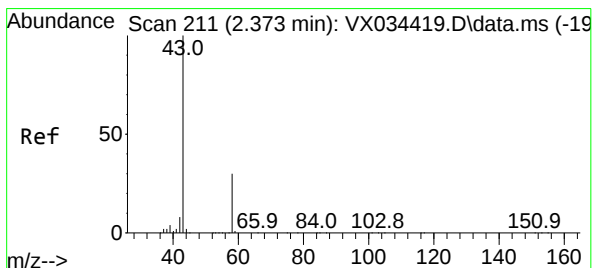
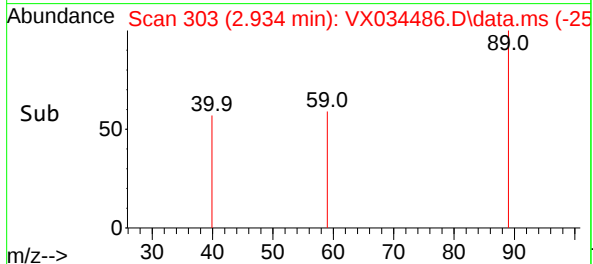
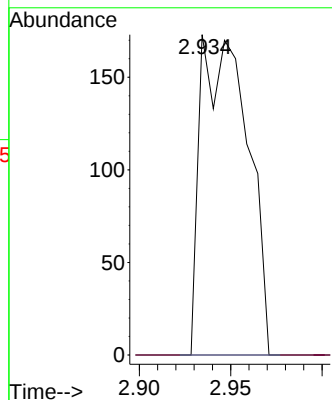
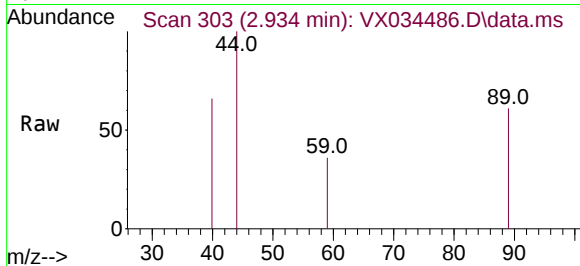




#11
Tert butyl alcohol
Concen: 0.421 ug/l
RT: 2.934 min Scan# 306
Delta R.T. -0.018 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

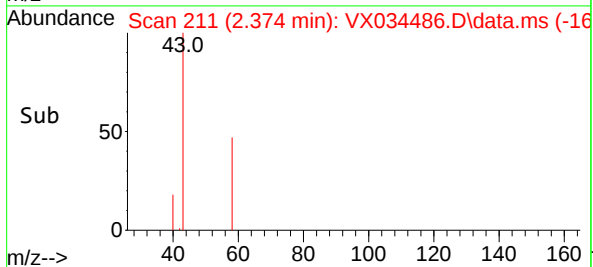
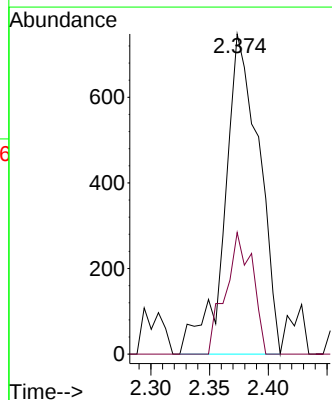
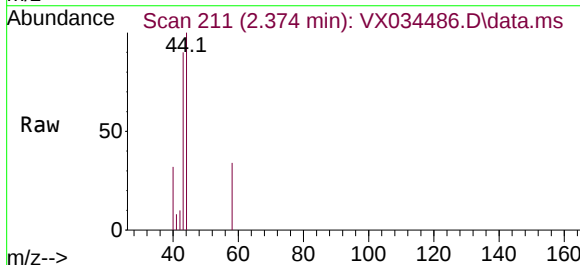
Instrument :
MSVOA_X
ClientSampleId :
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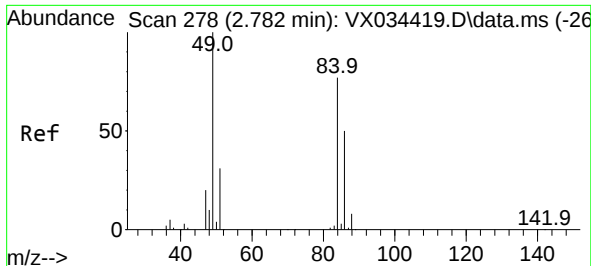
Tgt Ion: 59 Resp: 310
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#16
Acetone
Concen: 0.917 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion: 43 Resp: 1526
Ion Ratio Lower Upper
43 100
58 38.0 24.7 37.1#

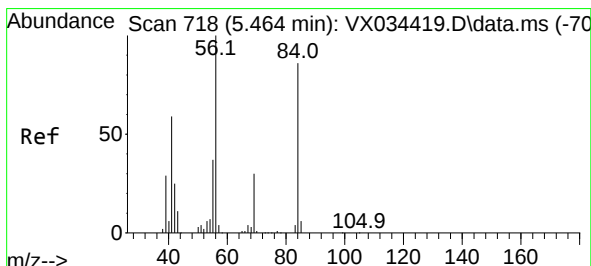
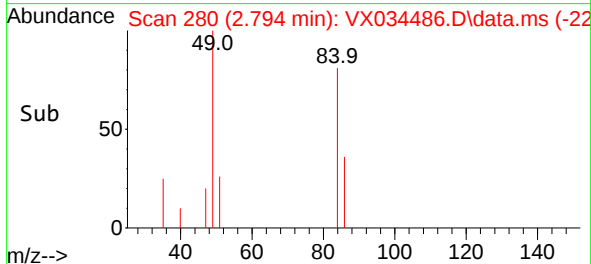
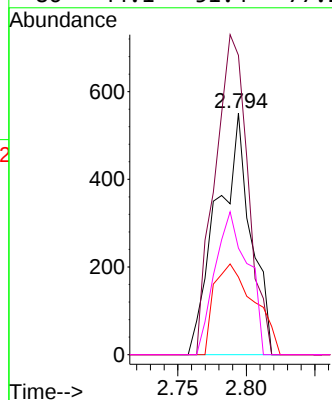
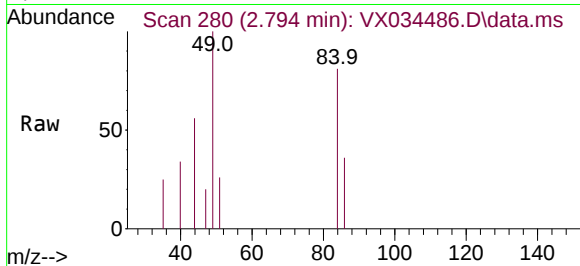




#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

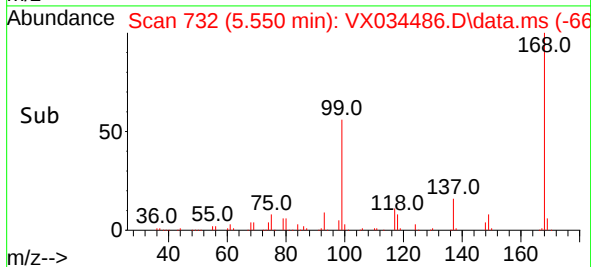
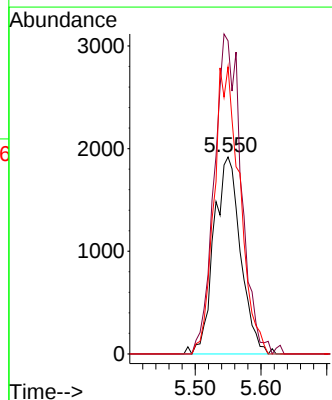
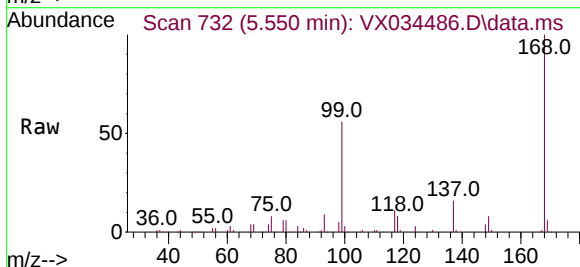
Instrument :
MSVOA_X
ClientSampleId :
TB03-20230310

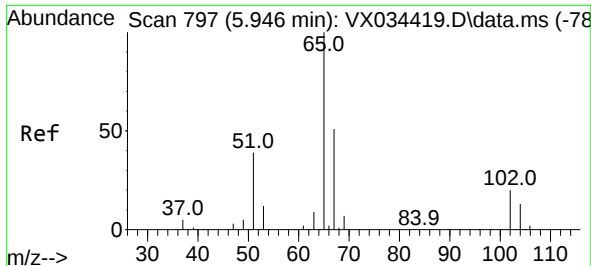
Tgt Ion:	84	Resp:	944
Ion	Ratio	Lower	Upper
84	100		
49	124.0	103.8	155.8
51	32.1	31.8	47.8
86	44.1	51.4	77.2#



#31
Cyclohexane
Concen: 1.092 ug/l
RT: 5.550 min Scan# 732
Delta R.T. 0.085 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion:	56	Resp:	5413
Ion	Ratio	Lower	Upper
56	100		
69	159.0	23.7	35.5#
84	145.8	68.5	102.7#

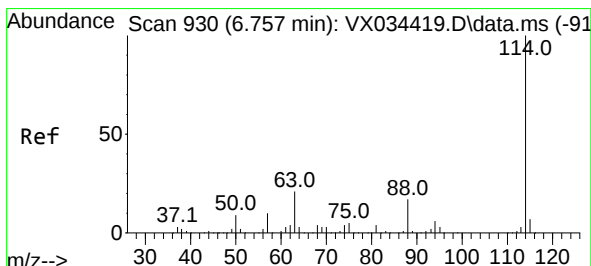
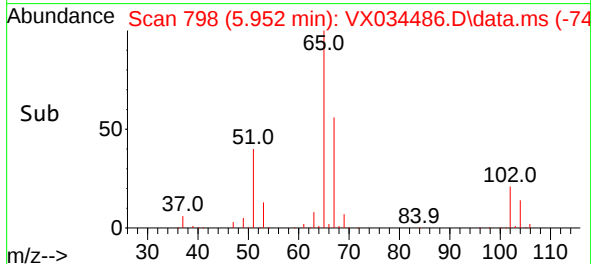
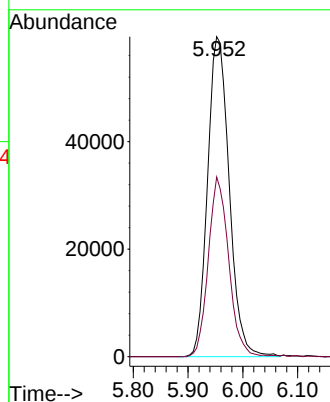
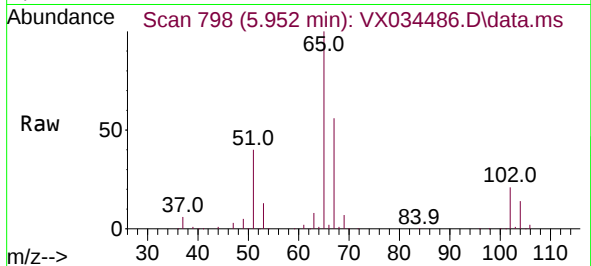




#33
 1,2-Dichloroethane-d4
 Concen: 46.192 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.006 min
 Lab File: VX034486.D
 Acq: 15 Mar 2023 06:14

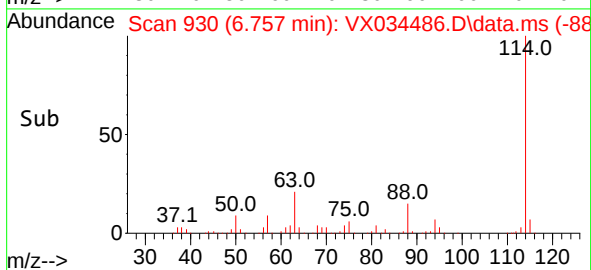
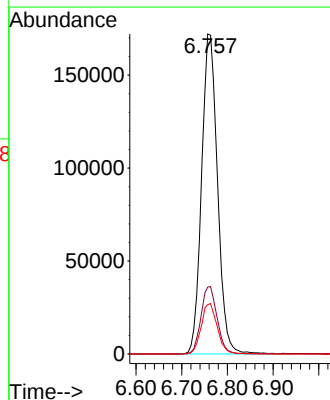
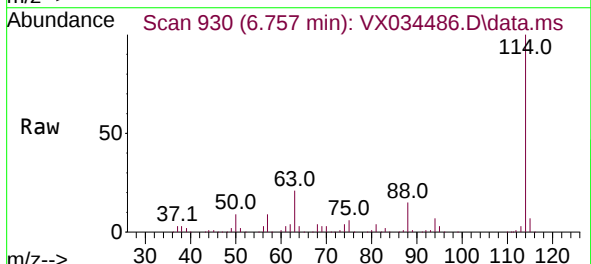
Instrument :
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 ClientSampleId :
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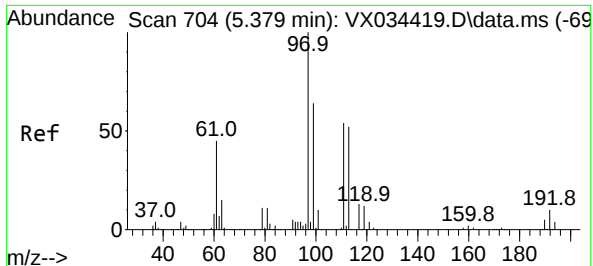
Tgt Ion: 65 Resp: 163239
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. 0.000 min
 Lab File: VX034486.D
 Acq: 15 Mar 2023 06:14

Tgt Ion: 114 Resp: 416304
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 42.2
 88 15.4 0.0 33.2

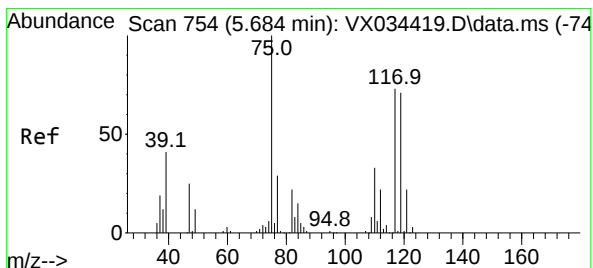
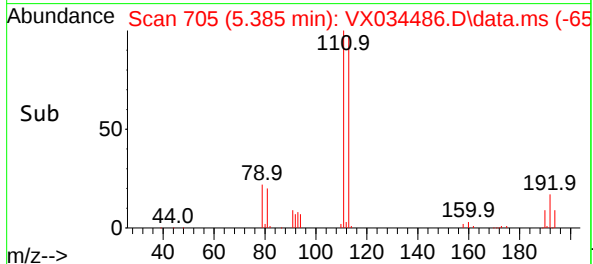
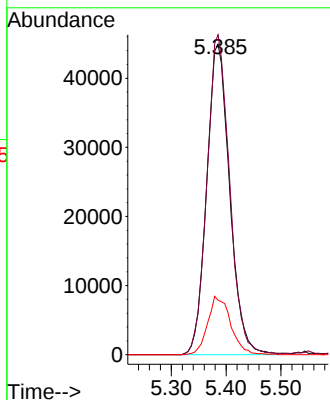
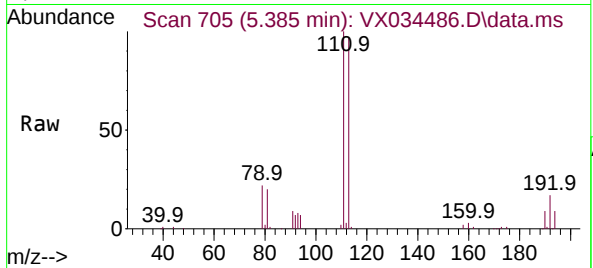




#35
Dibromofluoromethane
Concen: 47.706 ug/l
RT: 5.385 min Scan# 704
Delta R.T. 0.006 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

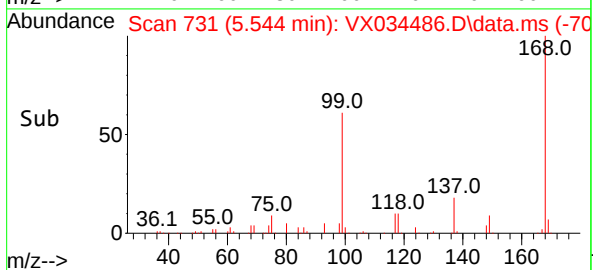
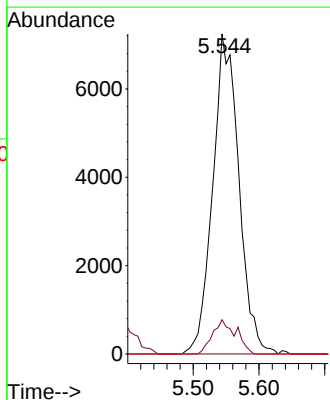
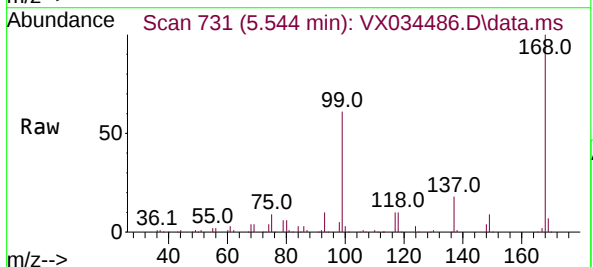
Instrument :
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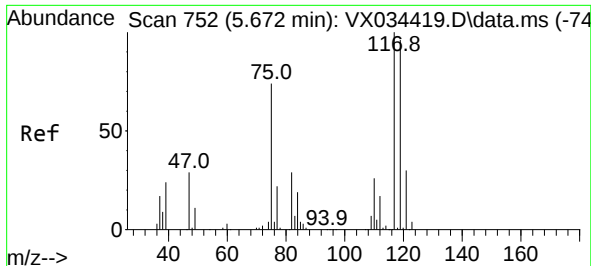
Tgt Ion:113 Resp: 131126
Ion Ratio Lower Upper
113 100
111 101.6 83.7 125.5
192 18.8 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.740 ug/l
RT: 5.544 min Scan# 731
Delta R.T. -0.140 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

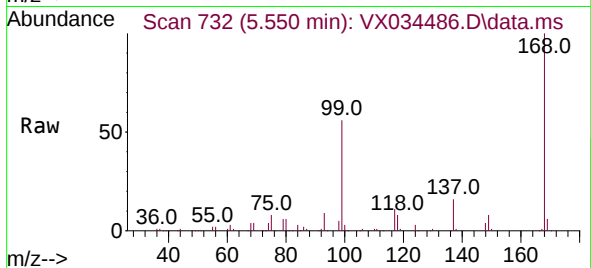
Tgt Ion: 75 Resp: 20011
Ion Ratio Lower Upper
75 100
110 9.7 17.5 52.5#
77 0.0 24.3 36.5#



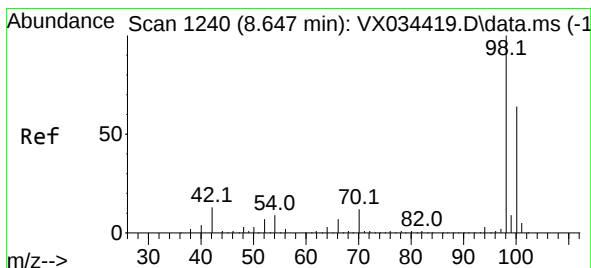
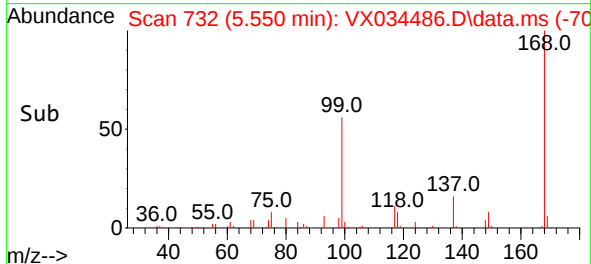
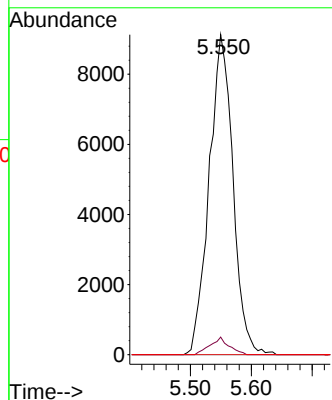


#38
Carbon Tetrachloride
Concen: 5.904 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.122 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Instrument :
MSVOA_X
ClientSampleId :
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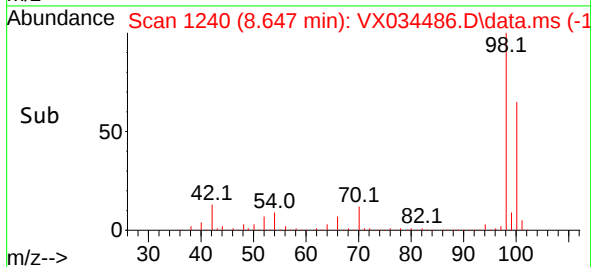
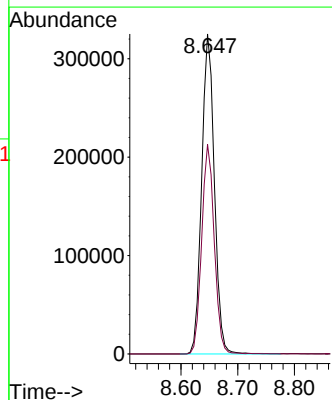
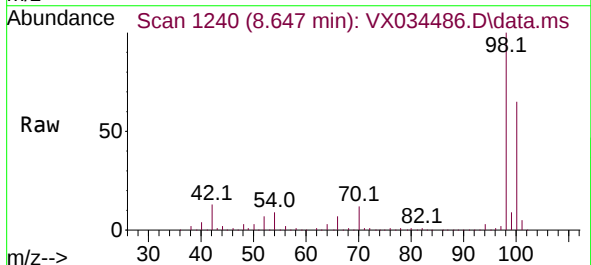


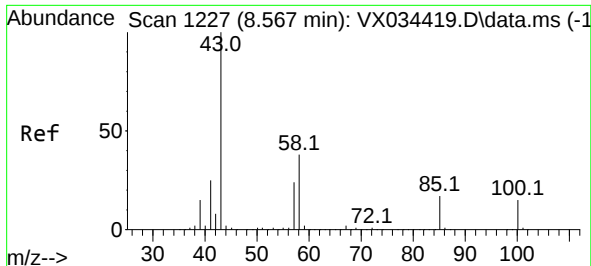
Tgt Ion:117 Resp: 24797
Ion Ratio Lower Upper
117 100
119 5.5 76.6 114.8#
121 0.0 23.8 35.6#



#50
Toluene-d8
Concen: 49.242 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion: 98 Resp: 505260
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

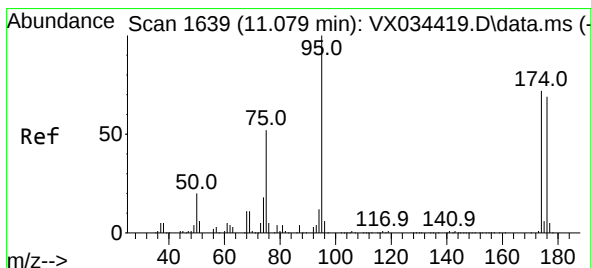
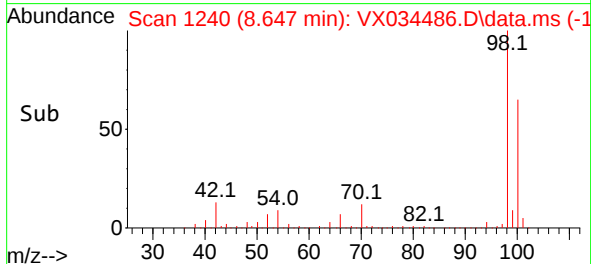
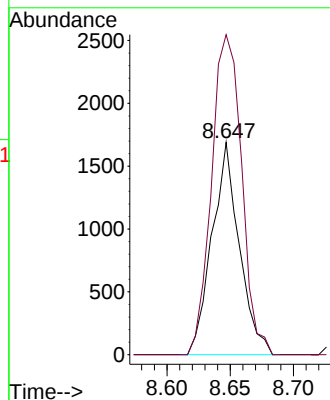
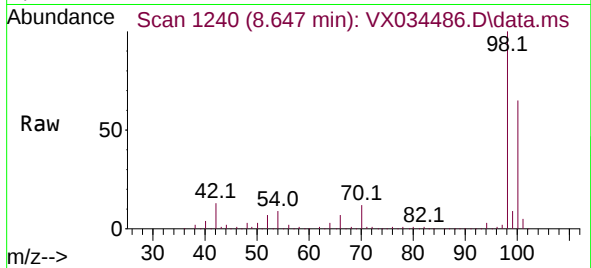




#51
4-Methyl-2-Pentanone
Concen: 0.560 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.079 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

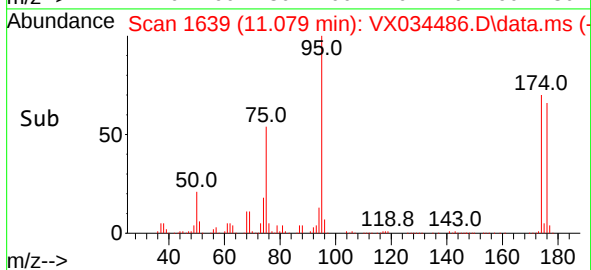
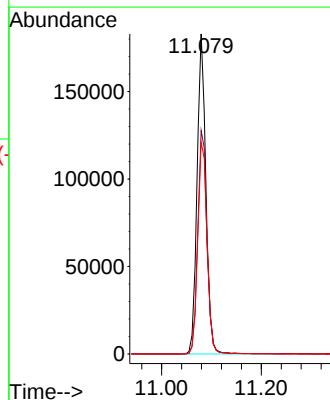
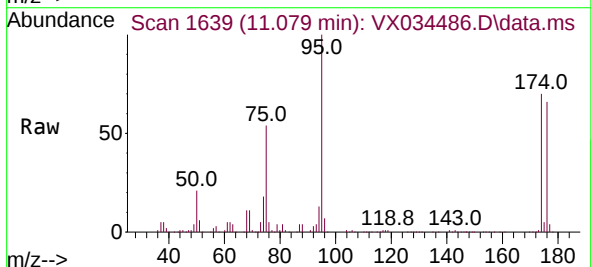
Instrument :
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ClientSampleId :
TB03-20230310

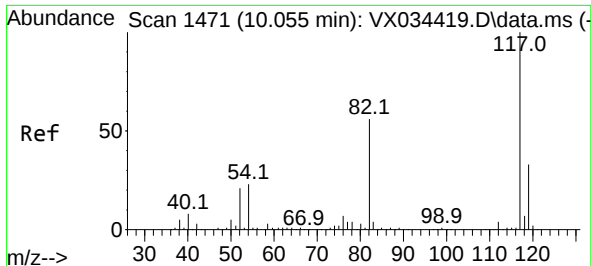
Tgt Ion: 43 Resp: 2540
Ion Ratio Lower Upper
43 100
58 166.2 30.6 46.0#



#62
4-Bromofluorobenzene
Concen: 54.123 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion: 95 Resp: 224317
Ion Ratio Lower Upper
95 100
174 72.4 0.0 147.4
176 69.5 0.0 140.6

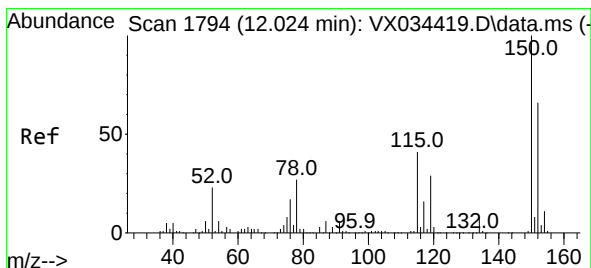
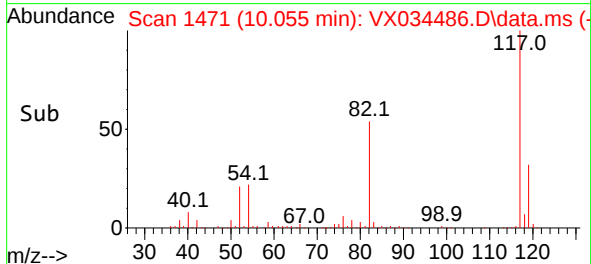
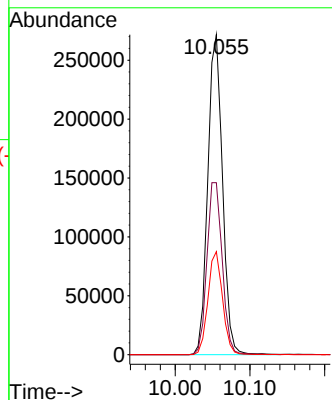
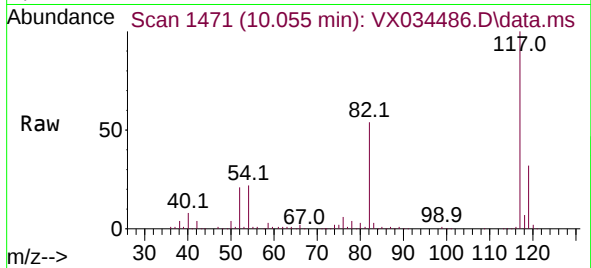




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

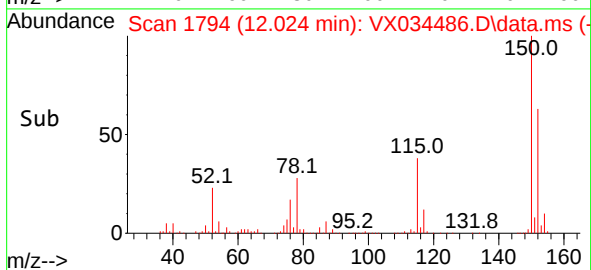
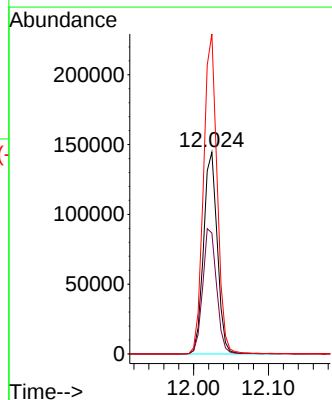
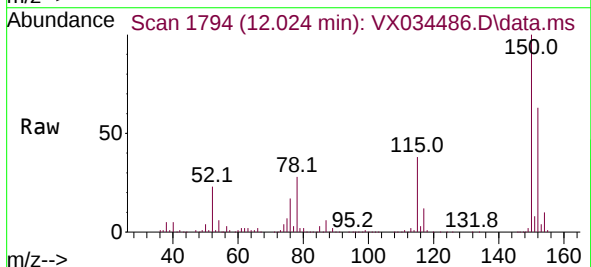
Instrument :
MSVOA_X
ClientSampleId :
TB03-20230310

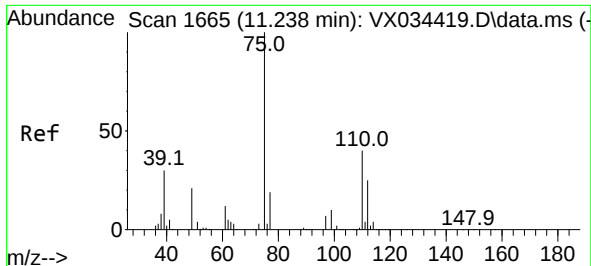
Tgt Ion:117 Resp: 370743
Ion Ratio Lower Upper
117 100
82 53.8 45.0 67.4
119 32.2 26.0 39.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion:152 Resp: 184229
Ion Ratio Lower Upper
152 100
115 63.0 45.0 135.0
150 157.5 0.0 352.4

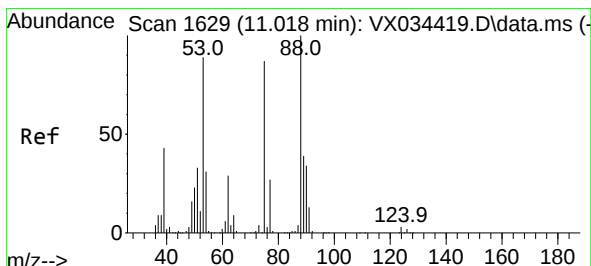
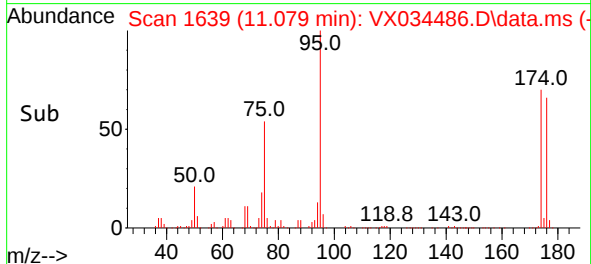
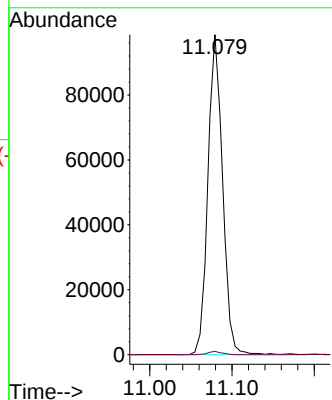
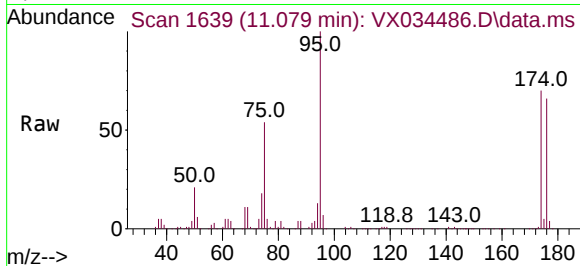




#76
1,2,3-Trichloropropane
Concen: 28.835 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Instrument :
MSVOA_X
ClientSampleId :
TB03-20230310

Tgt Ion: 75 Resp: 121974
Ion Ratio Lower Upper
75 100
77 1.0 21.6 64.8#



#81
trans-1,4-Dichloro-2-butene
Concen: 78.007 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX034486.D
Acq: 15 Mar 2023 06:14

Tgt Ion: 75 Resp: 121974
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#

