

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX031423\
 Data File : VX034483.D
 Acq On : 15 Mar 2023 05:03
 Operator : JC/MD
 Sample : 01903-06 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20230310

Quant Time: Mar 15 07:00:06 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

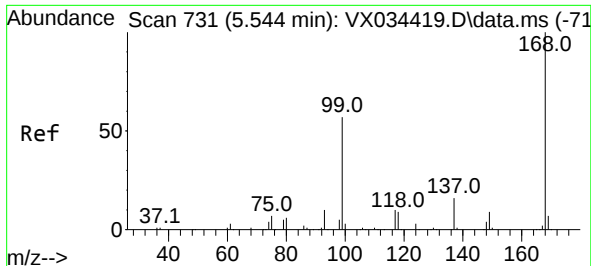
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.549	168	251343	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.756	114	434431	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	381376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	169088	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	169350	46.314	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.620%
35) Dibromofluoromethane	5.385	113	137785	48.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.080%
50) Toluene-d8	8.646	98	523241	48.866	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	199090	46.032	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.060%
Target Compounds						
					Qvalue	
3) Chloromethane	1.300	50	510	Below Cal	#	81
9) 1,1,2-Trichlorotrifluo...	2.330	101	2408	0.862	ug/l	94
11) Tert butyl alcohol	2.940	59	3755	4.931	ug/l #	73
12) 1,1-Dichloroethene	2.318	96	551	0.200	ug/l	84
13) Acrolein	2.221	56	123	0.204	ug/l #	1
16) Acetone	2.379	43	854	0.496	ug/l #	79
20) Methylene Chloride	2.788	84	2296	0.687	ug/l	88
27) cis-1,2-Dichloroethene	4.489	96	807	0.229	ug/l	82
29) Tetrahydrofuran	5.031	42	1182	0.777	ug/l #	65
31) Cyclohexane	5.549	56	5944	1.159	ug/l #	19
36) 1,1-Dichloropropene	5.543	75	20739	4.707	ug/l #	50
38) Carbon Tetrachloride	5.543	117	25157	5.740	ug/l #	15
44) Trichloroethene	7.122	130	193941	57.917	ug/l	95
49) 1,4-Dioxane	7.695	88	52	0.631	ug/l #	8
51) 4-Methyl-2-Pentanone	8.646	43	2530	0.535	ug/l #	1
60) Dibromochloromethane	9.268	129	1831	0.551	ug/l #	10
64) Tetrachloroethene	9.274	164	1705	0.666	ug/l	93
76) 1,2,3-Trichloropropane	11.079	75	106596	27.456	ug/l #	34
81) trans-1,4-Dichloro-2-b...	11.079	75	106596	74.276	ug/l #	8

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

Quant Time: Mar 15 07:00:06 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

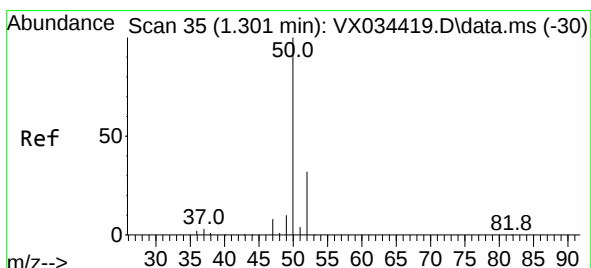
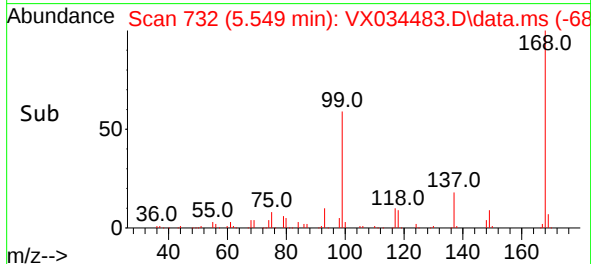
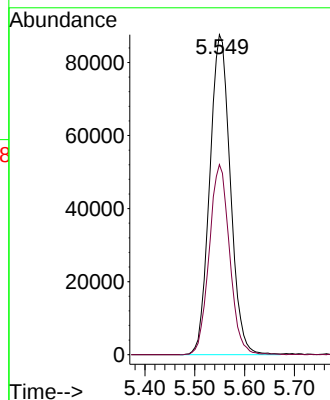
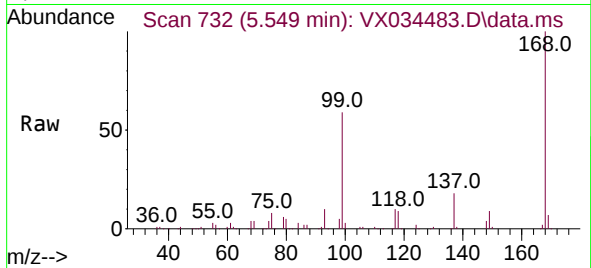




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.549 min Scan# 71
Delta R.T. 0.005 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

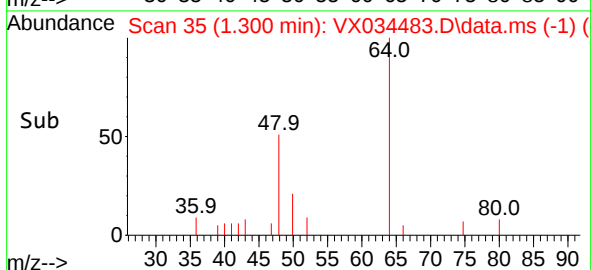
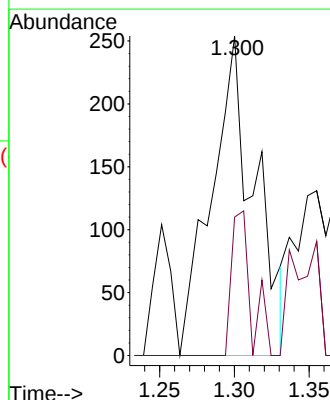
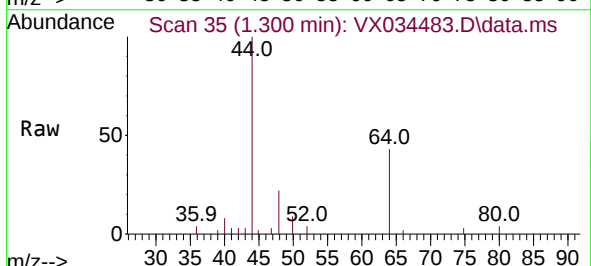
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20230310

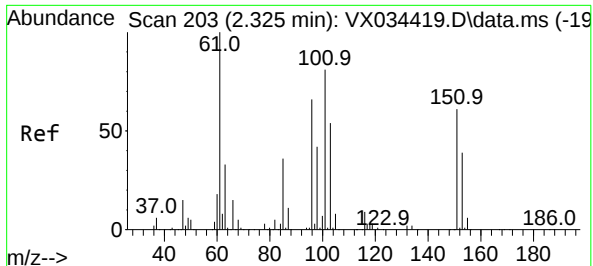
Tgt Ion:168 Resp: 251343
Ion Ratio Lower Upper
168 100
99 59.4 45.7 68.5



#3
Chloromethane
Concen: Below Cal
RT: 1.300 min Scan# 35
Delta R.T. -0.001 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion: 50 Resp: 510
Ion Ratio Lower Upper
50 100
52 43.3 25.9 38.9#

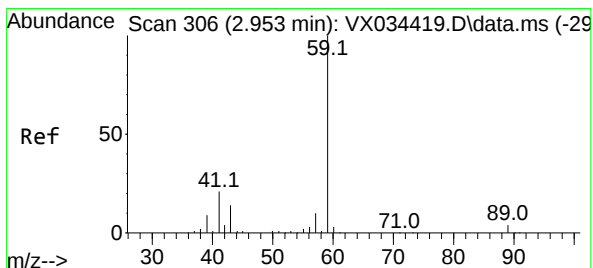
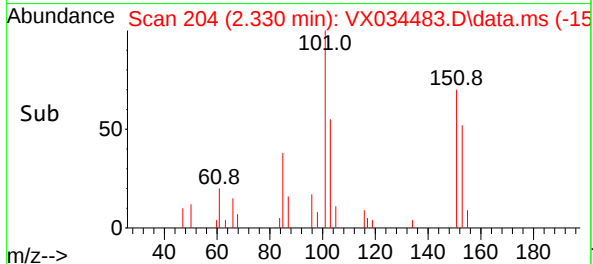
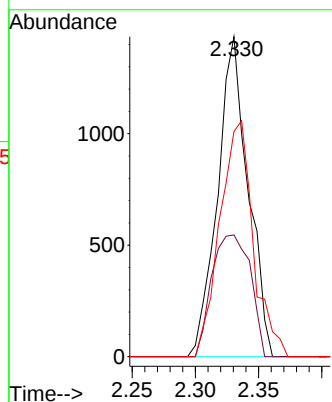
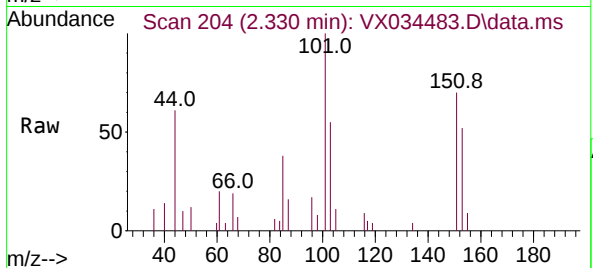




#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.862 ug/l
RT: 2.330 min Scan# 203
Delta R.T. 0.006 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

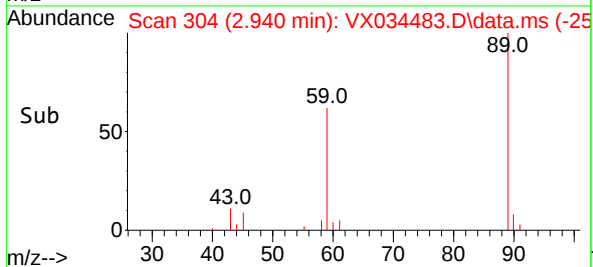
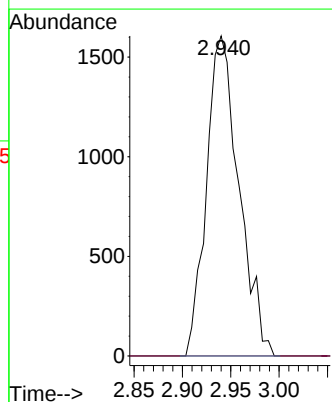
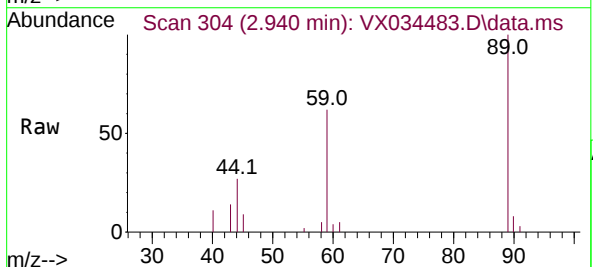
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20230310

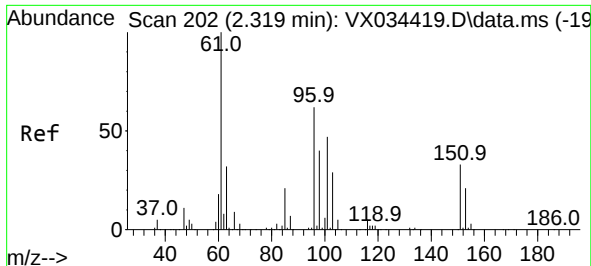
Tgt Ion:101 Resp: 2408
Ion Ratio Lower Upper
101 100
85 48.0 35.4 53.2
151 80.4 60.2 90.4



#11
Tert butyl alcohol
Concen: 4.931 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.013 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion: 59 Resp: 3755
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#12

1,1-Dichloroethene

Concen: 0.200 ug/l

RT: 2.318 min Scan# 20

Delta R.T. -0.000 min

Lab File: VX034483.D

Acq: 15 Mar 2023 05:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20230310

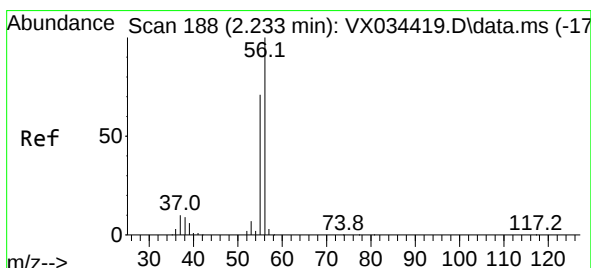
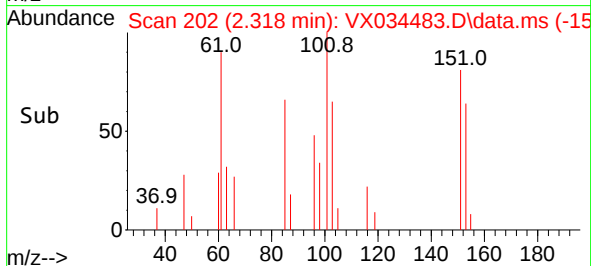
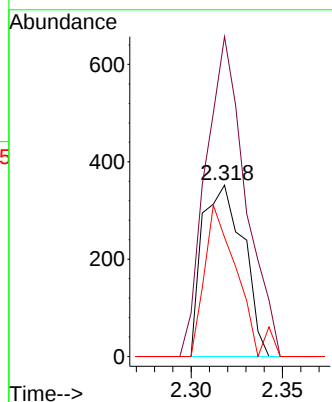
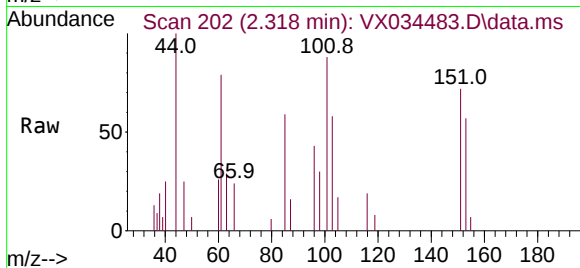
Tgt Ion: 96 Resp: 551

Ion Ratio Lower Upper

96 100

61 186.6 128.8 193.2

98 69.6 51.4 77.0



#13

Acrolein

Concen: 0.204 ug/l

RT: 2.221 min Scan# 186

Delta R.T. -0.012 min

Lab File: VX034483.D

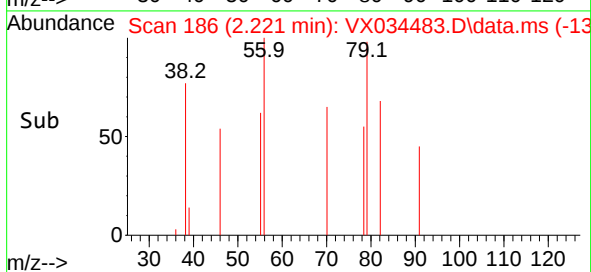
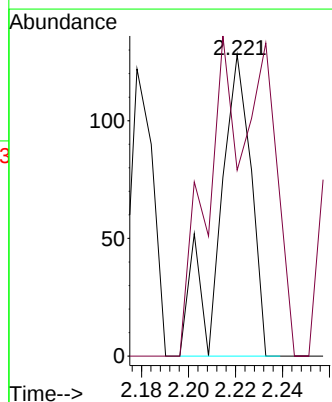
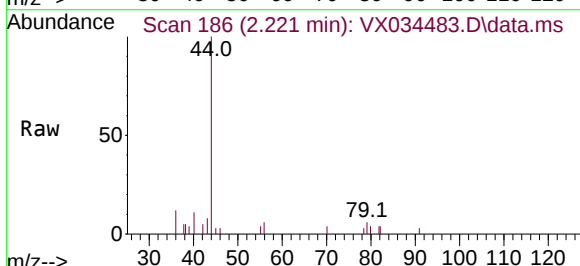
Acq: 15 Mar 2023 05:03

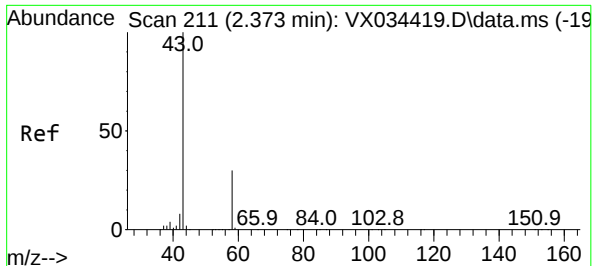
Tgt Ion: 56 Resp: 123

Ion Ratio Lower Upper

56 100

55 190.2 56.6 85.0#

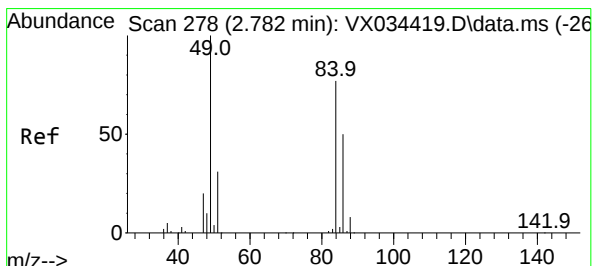
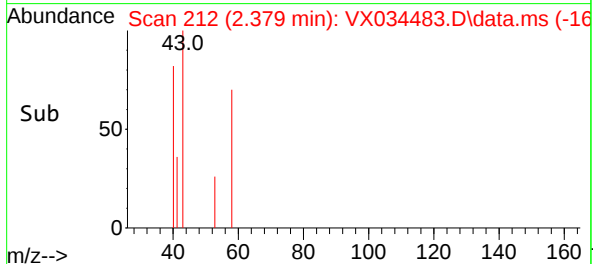
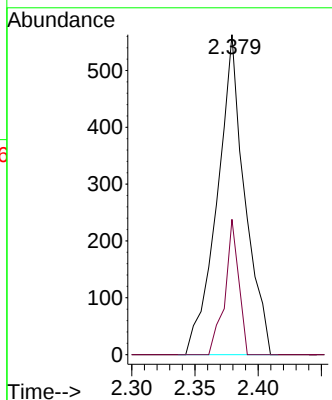
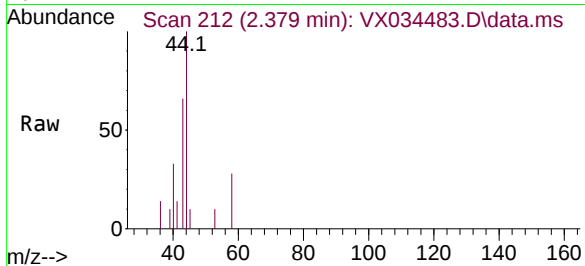




#16
Acetone
Concen: 0.496 ug/l
RT: 2.379 min Scan# 211
Delta R.T. 0.006 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

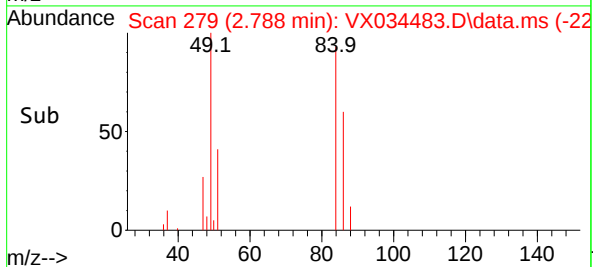
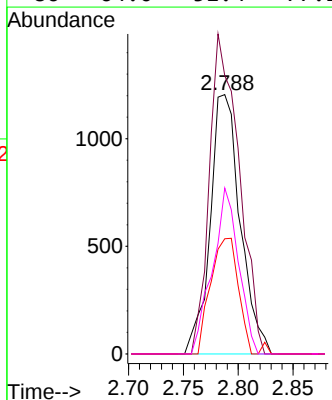
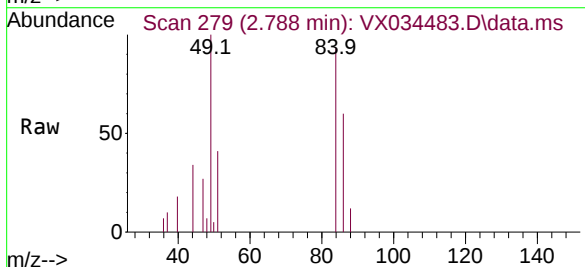
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20230310

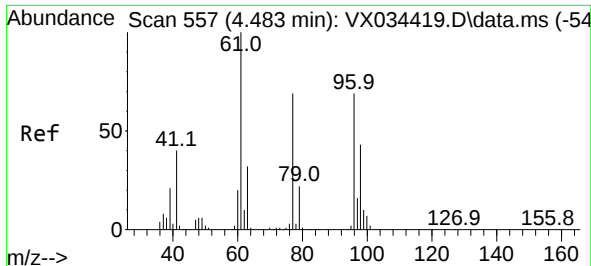
Tgt Ion: 43 Resp: 854
Ion Ratio Lower Upper
43 100
58 42.3 24.7 37.1#



#20
Methylene Chloride
Concen: 0.687 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.006 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion: 84 Resp: 2296
Ion Ratio Lower Upper
84 100
49 107.3 103.8 155.8
51 44.4 31.8 47.8
86 64.0 51.4 77.2





#27

cis-1,2-Dichloroethene

Concen: 0.229 ug/l

RT: 4.489 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX034483.D

Acq: 15 Mar 2023 05:03

Instrument :

MSVOA_X

ClientSampleId :

RE103D1-20230310

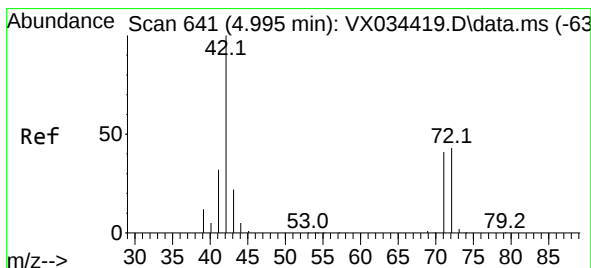
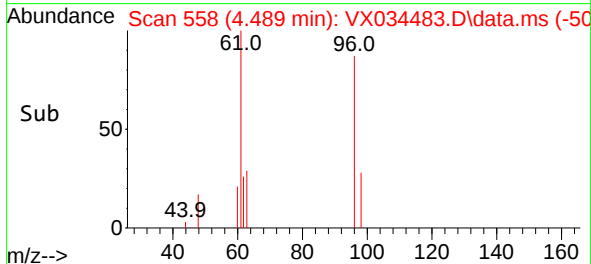
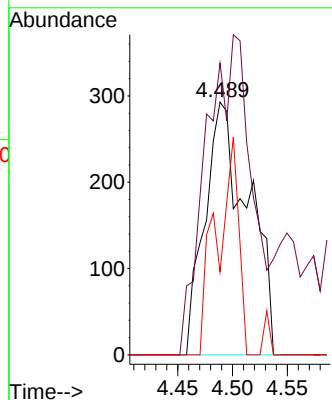
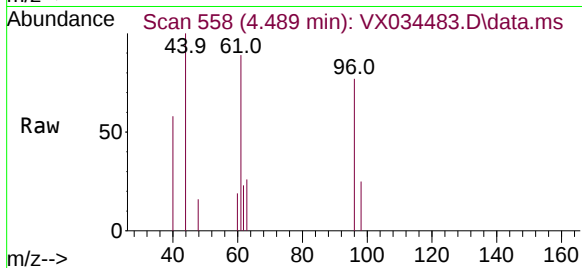
Tgt Ion: 96 Resp: 807

Ion Ratio Lower Upper

96 100

61 132.1 0.0 300.4

98 43.4 0.0 129.0



#29

Tetrahydrofuran

Concen: 0.777 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.036 min

Lab File: VX034483.D

Acq: 15 Mar 2023 05:03

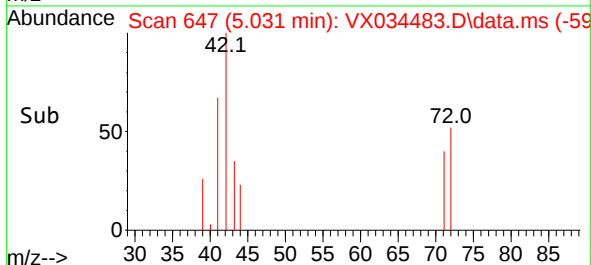
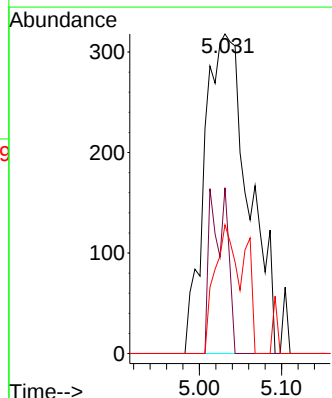
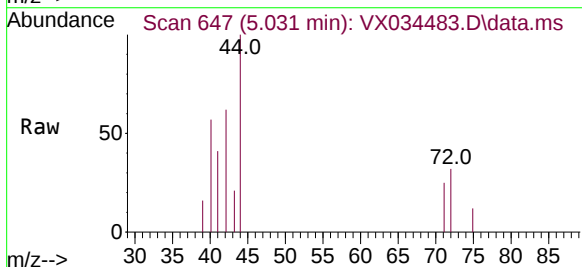
Tgt Ion: 42 Resp: 1182

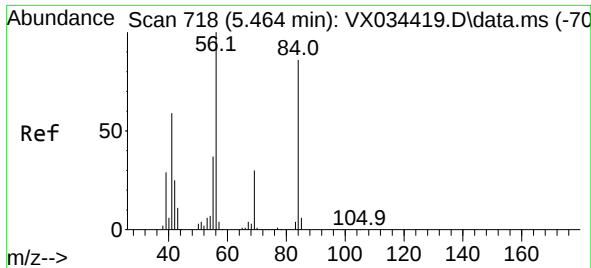
Ion Ratio Lower Upper

42 100

72 19.5 34.5 51.7#

71 19.8 32.1 48.1#

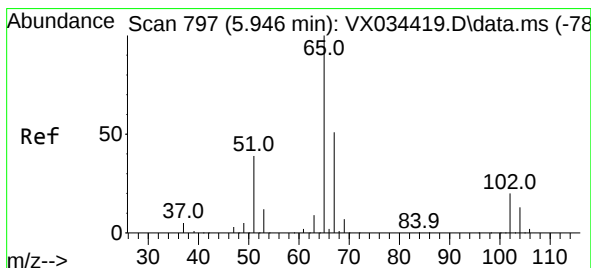
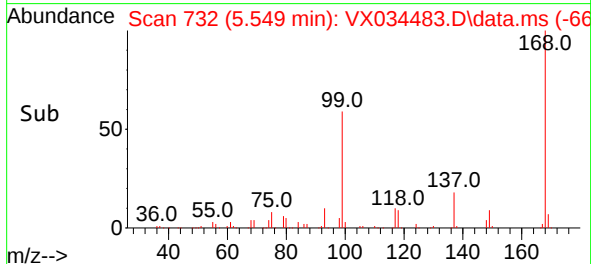
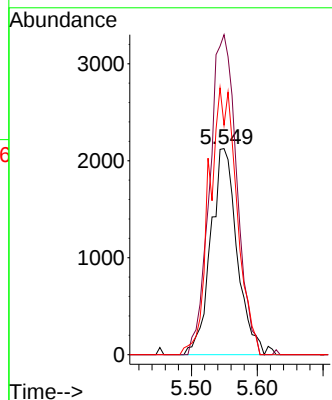
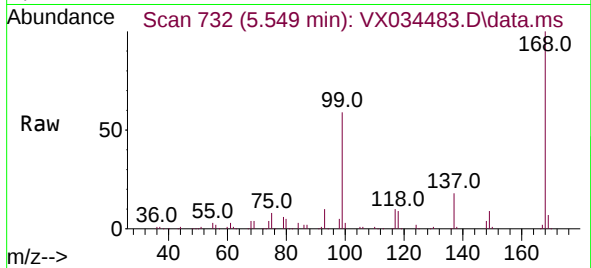




#31
Cyclohexane
Concen: 1.159 ug/l
RT: 5.549 min Scan# 718
Delta R.T. 0.085 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

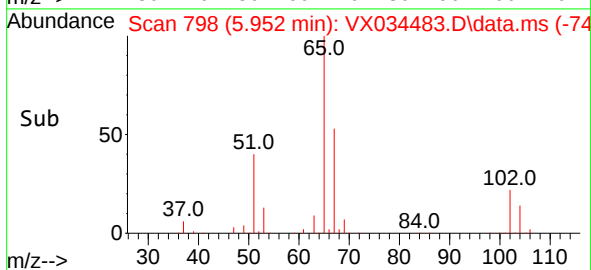
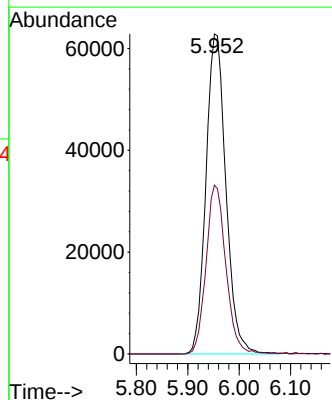
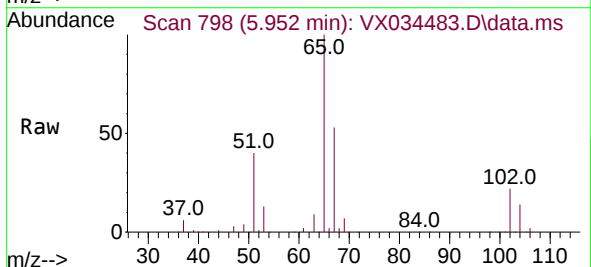
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20230310

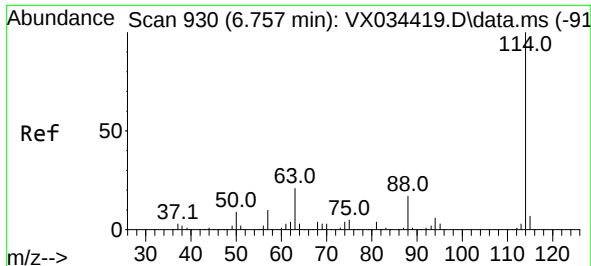
Tgt Ion: 56 Resp: 5944
Ion Ratio Lower Upper
56 100
69 155.3 23.7 35.5#
84 111.3 68.5 102.7#



#33
1,2-Dichloroethane-d4
Concen: 46.314 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion: 65 Resp: 169350
Ion Ratio Lower Upper
65 100
67 52.4 0.0 104.0

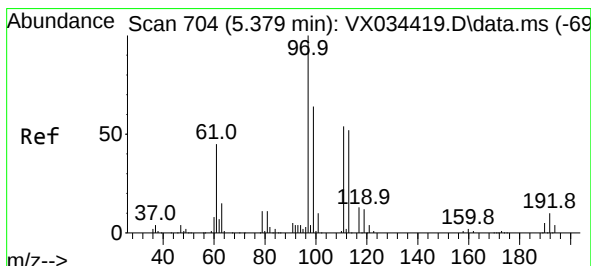
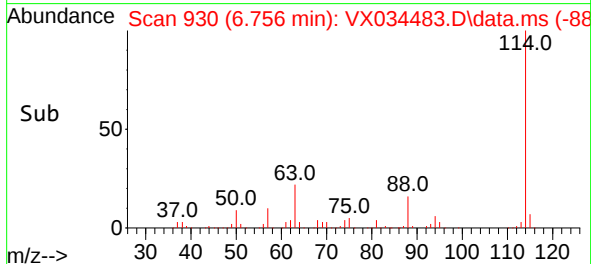
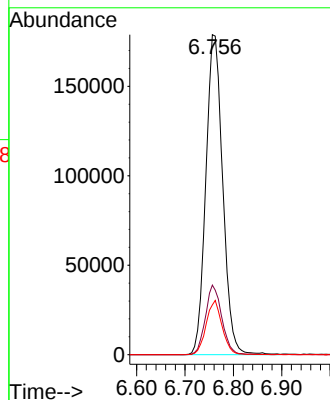
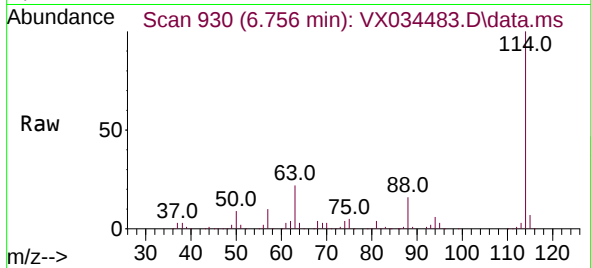




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.756 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

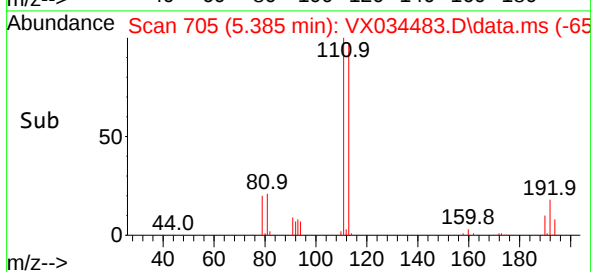
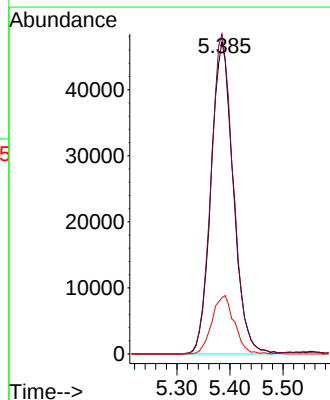
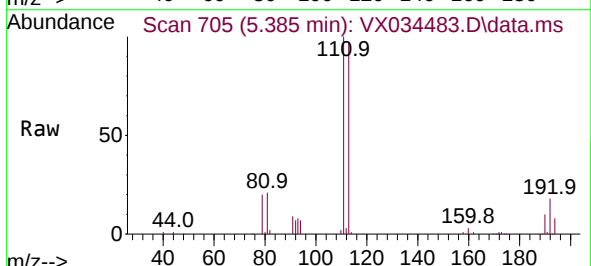
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20230310

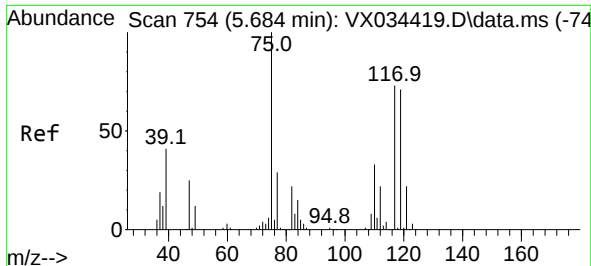
Tgt Ion:114 Resp: 434431
Ion Ratio Lower Upper
114 100
63 21.8 0.0 42.2
88 15.5 0.0 33.2



#35
Dibromofluoromethane
Concen: 48.037 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion:113 Resp: 137785
Ion Ratio Lower Upper
113 100
111 102.3 83.7 125.5
192 18.8 15.4 23.2

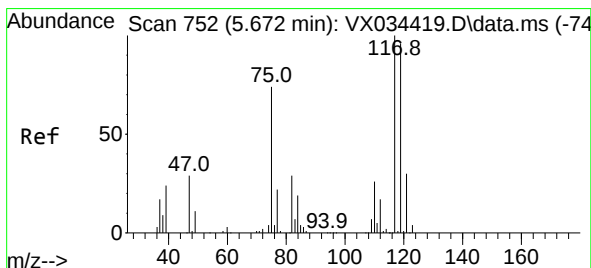
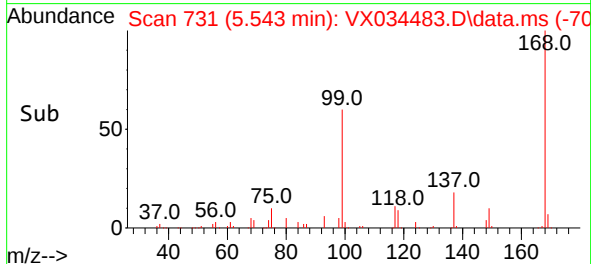
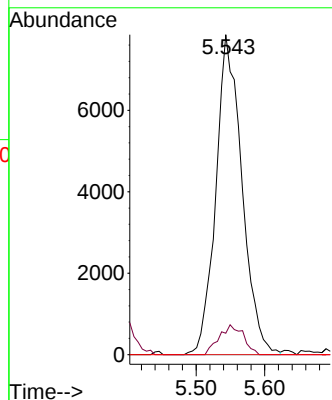
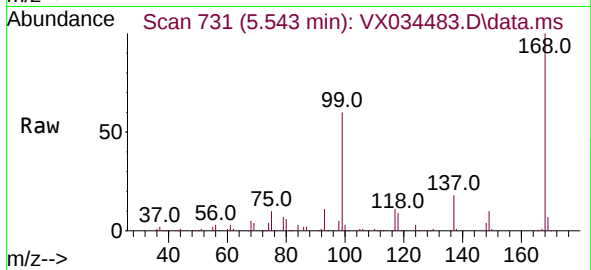




#36
1,1-Dichloropropene
Concen: 4.707 ug/l
RT: 5.543 min Scan# 711
Delta R.T. -0.141 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

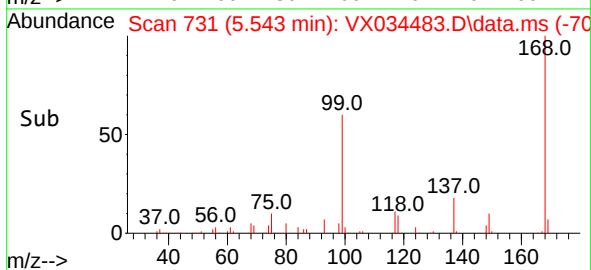
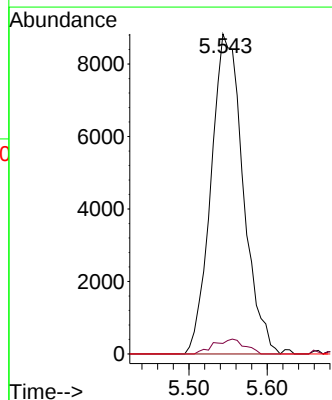
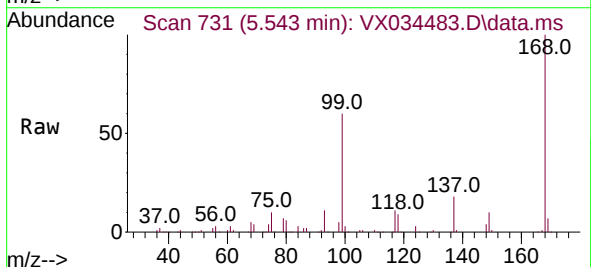
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20230310

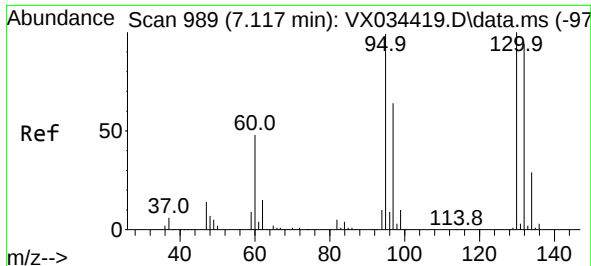
Tgt Ion: 75 Resp: 20739
Ion Ratio Lower Upper
75 100
110 8.7 17.5 52.5#
77 0.0 24.3 36.5#



#38
Carbon Tetrachloride
Concen: 5.740 ug/l
RT: 5.543 min Scan# 731
Delta R.T. -0.128 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion: 117 Resp: 25157
Ion Ratio Lower Upper
117 100
119 3.3 76.6 114.8#
121 0.0 23.8 35.6#

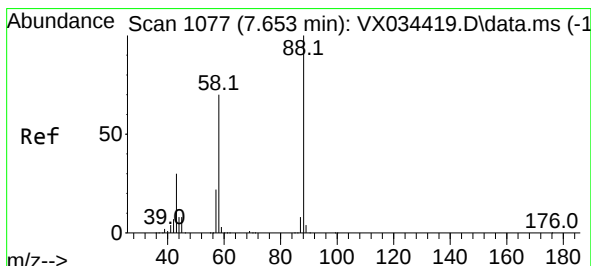
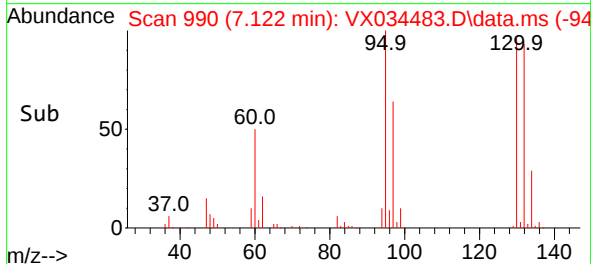
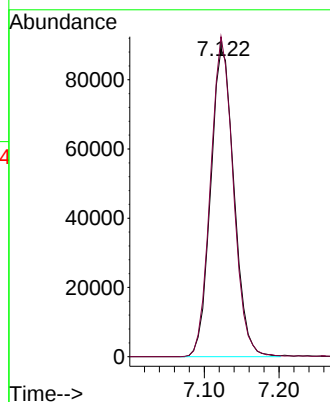
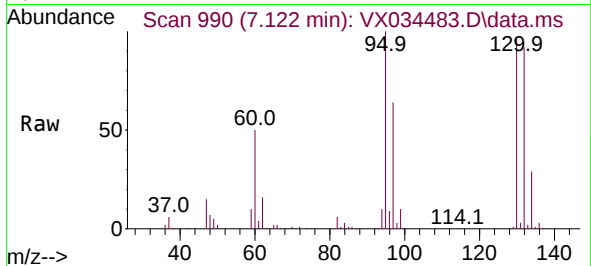




#44
Trichloroethene
Concen: 57.917 ug/l
RT: 7.122 min Scan# 94
Delta R.T. 0.006 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

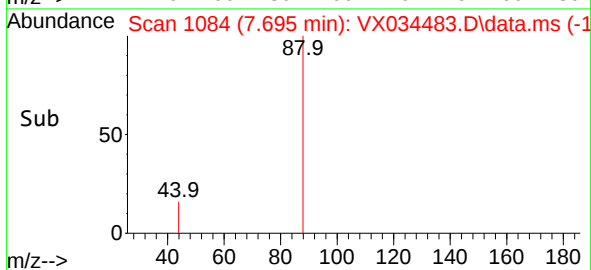
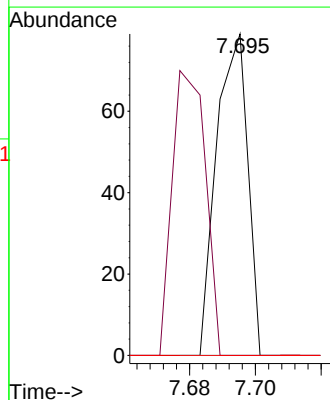
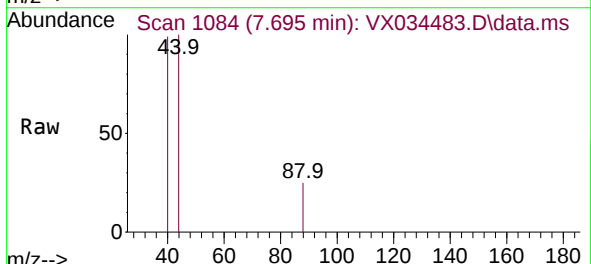
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20230310

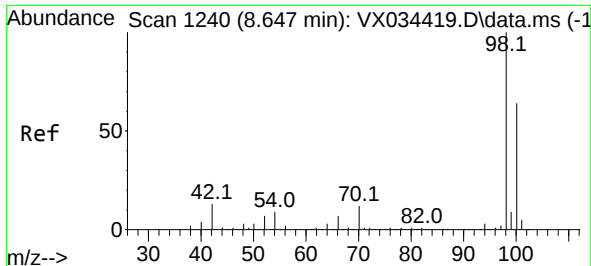
Tgt Ion:130 Resp: 193941
Ion Ratio Lower Upper
130 100
95 104.1 0.0 198.4



#49
1,4-Dioxane
Concen: 0.631 ug/l
RT: 7.695 min Scan# 1084
Delta R.T. 0.042 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion: 88 Resp: 52
Ion Ratio Lower Upper
88 100
43 94.2 27.7 41.5#
58 0.0 56.8 85.2#





#50

Toluene-d8

Concen: 48.866 ug/l

RT: 8.646 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX034483.D

Acq: 15 Mar 2023 05:03

Instrument :

MSVOA_X

ClientSampleId :

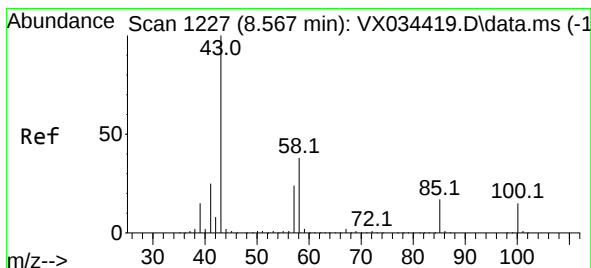
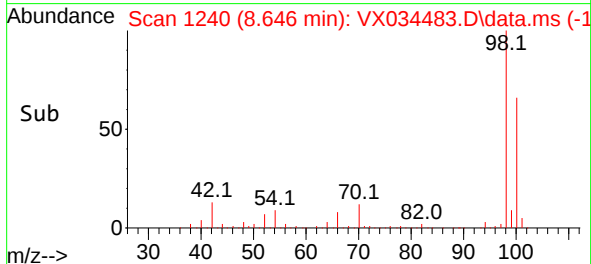
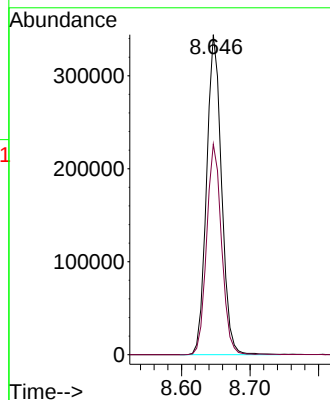
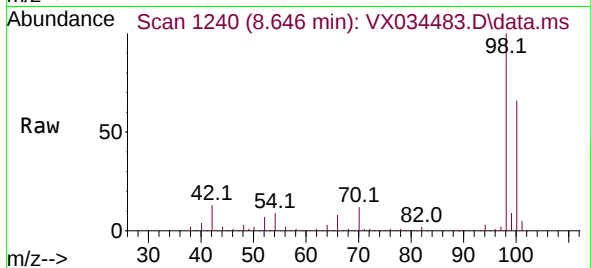
RE103D1-20230310

Tgt Ion: 98 Resp: 523241

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7



#51

4-Methyl-2-Pentanone

Concen: 0.535 ug/l

RT: 8.646 min Scan# 1240

Delta R.T. 0.079 min

Lab File: VX034483.D

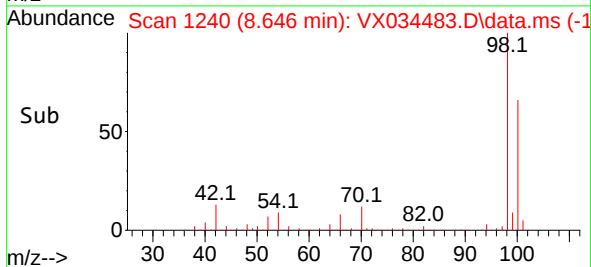
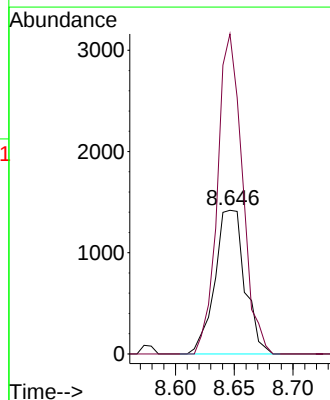
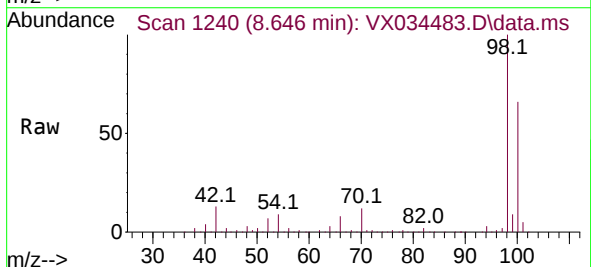
Acq: 15 Mar 2023 05:03

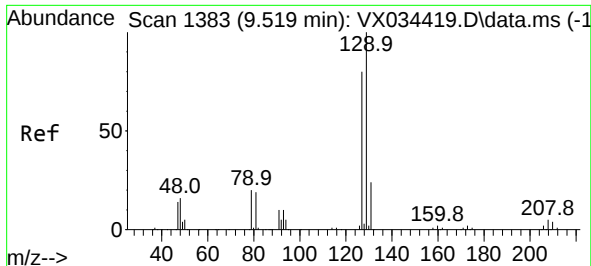
Tgt Ion: 43 Resp: 2530

Ion Ratio Lower Upper

43 100

58 184.8 30.6 46.0#

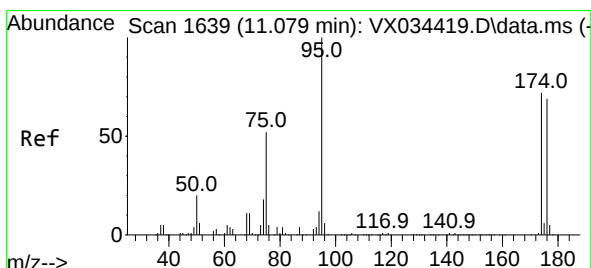
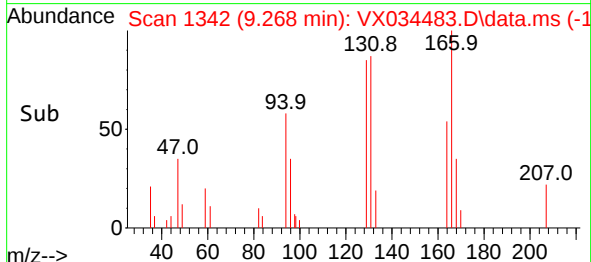
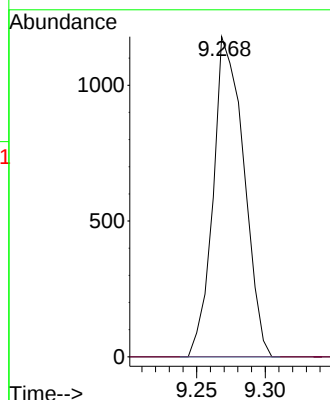
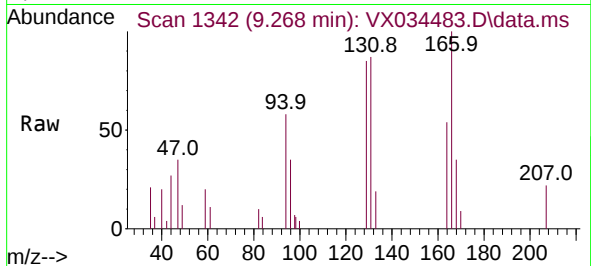




#60
Dibromochloromethane
Concen: 0.551 ug/l
RT: 9.268 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

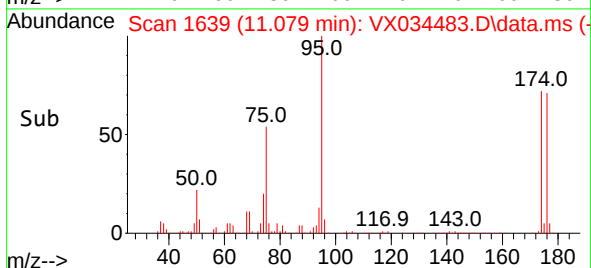
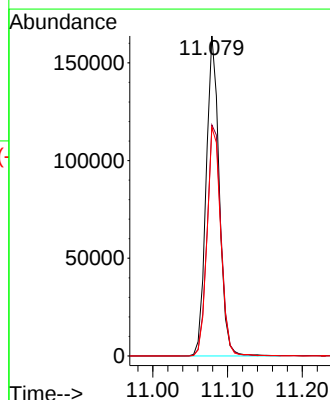
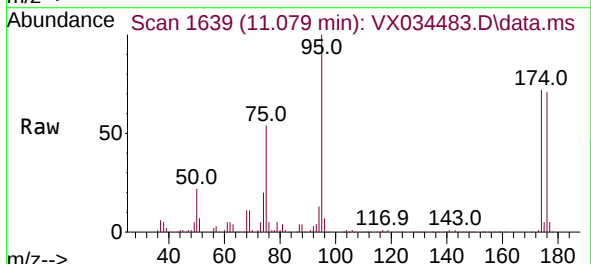
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20230310

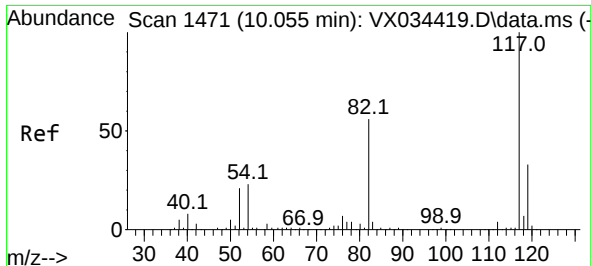
Tgt Ion:129 Resp: 1831
Ion Ratio Lower Upper
129 100
127 0.0 39.0 117.0#



#62
4-Bromofluorobenzene
Concen: 46.032 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion: 95 Resp: 199090
Ion Ratio Lower Upper
95 100
174 76.7 0.0 147.4
176 74.6 0.0 140.6

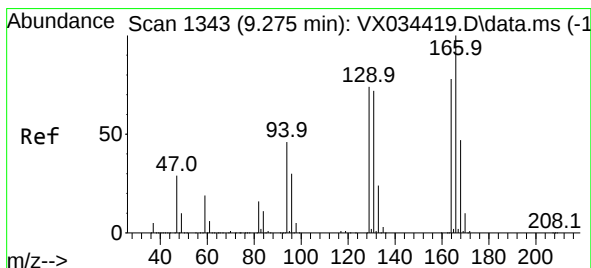
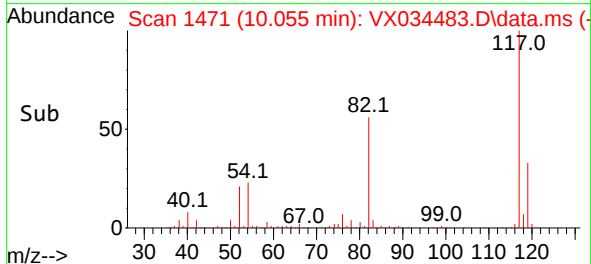
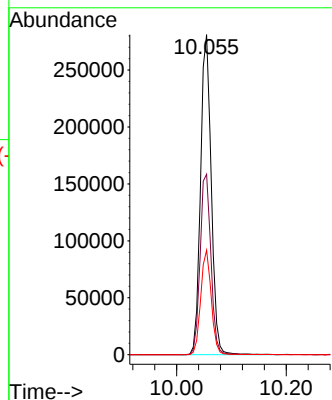
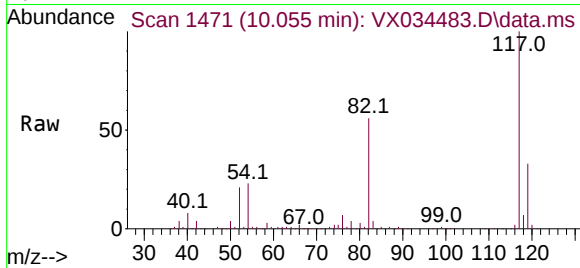




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

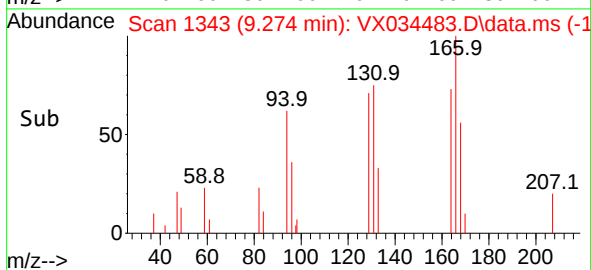
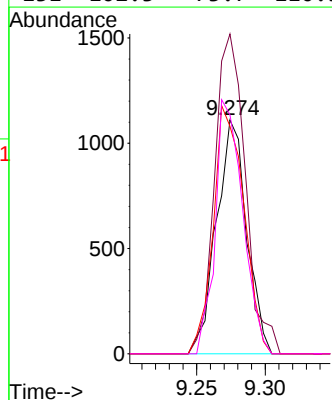
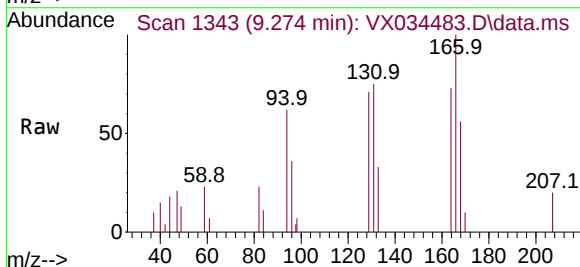
Instrument :
MSVOA_X
ClientSampleId :
RE103D1-20230310

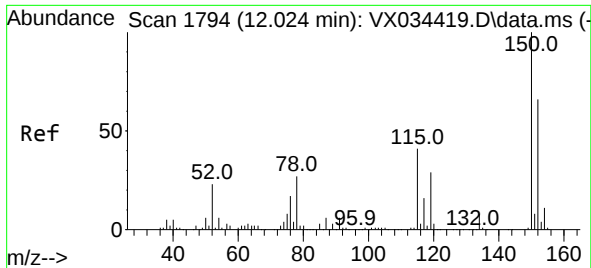
Tgt Ion:117 Resp: 381376
Ion Ratio Lower Upper
117 100
82 56.4 45.0 67.4
119 32.6 26.0 39.0



#64
Tetrachloroethene
Concen: 0.666 ug/l
RT: 9.274 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX034483.D
Acq: 15 Mar 2023 05:03

Tgt Ion:164 Resp: 1705
Ion Ratio Lower Upper
164 100
166 136.8 102.7 154.1
129 97.4 75.6 113.4
131 102.3 73.7 110.5

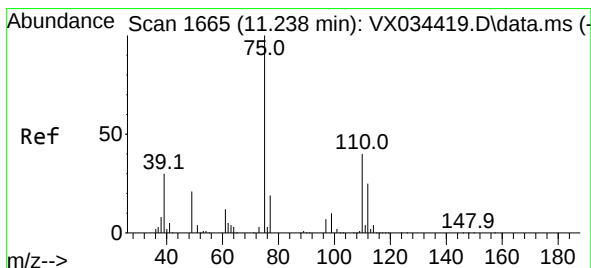
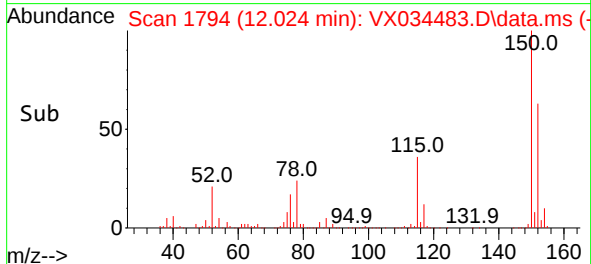
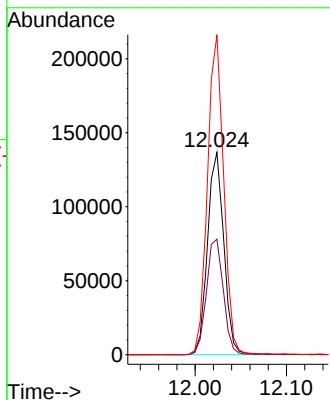
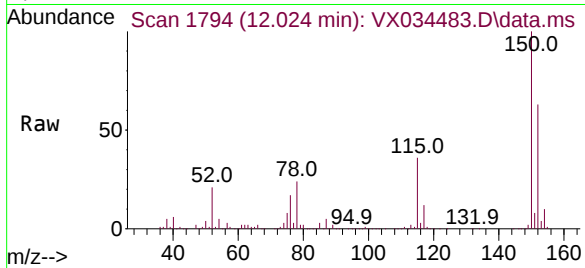




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX034483.D
 Acq: 15 Mar 2023 05:03

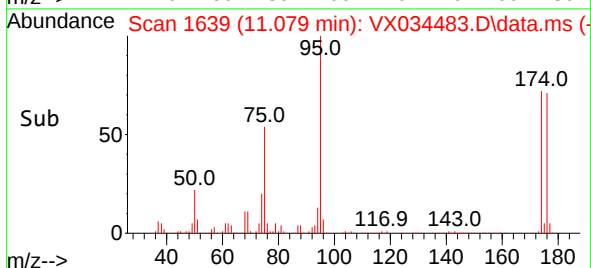
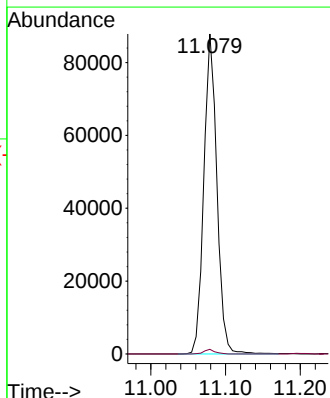
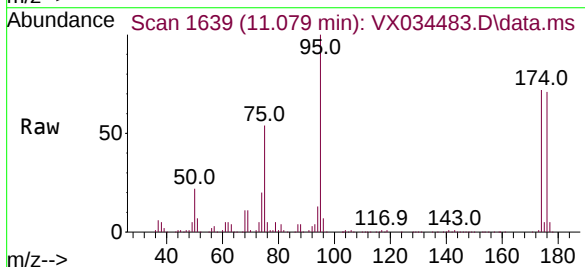
Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20230310

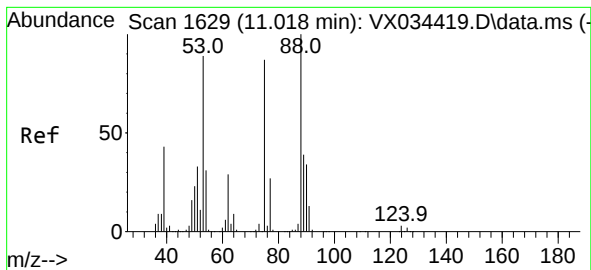
Tgt Ion:152 Resp: 169088
 Ion Ratio Lower Upper
 152 100
 115 59.3 45.0 135.0
 150 157.6 0.0 352.4



#76
 1,2,3-Trichloropropane
 Concen: 27.456 ug/l
 RT: 11.079 min Scan# 1639
 Delta R.T. -0.159 min
 Lab File: VX034483.D
 Acq: 15 Mar 2023 05:03

Tgt Ion: 75 Resp: 106596
 Ion Ratio Lower Upper
 75 100
 77 1.2 21.6 64.8#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.276 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX034483.D
 Acq: 15 Mar 2023 05:03

Instrument :
 MSVOA_X
 ClientSampleId :
 RE103D1-20230310

Tgt Ion: 75 Resp: 106596
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.6 124.0#
 89 0.0 36.9 55.3#

