

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
 Data File : VX029795.D
 Acq On : 25 Jun 2022 03:30
 Operator : JC/MD
 Sample : N3386-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE105D1-20220613

Quant Time: Jun 25 05:33:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

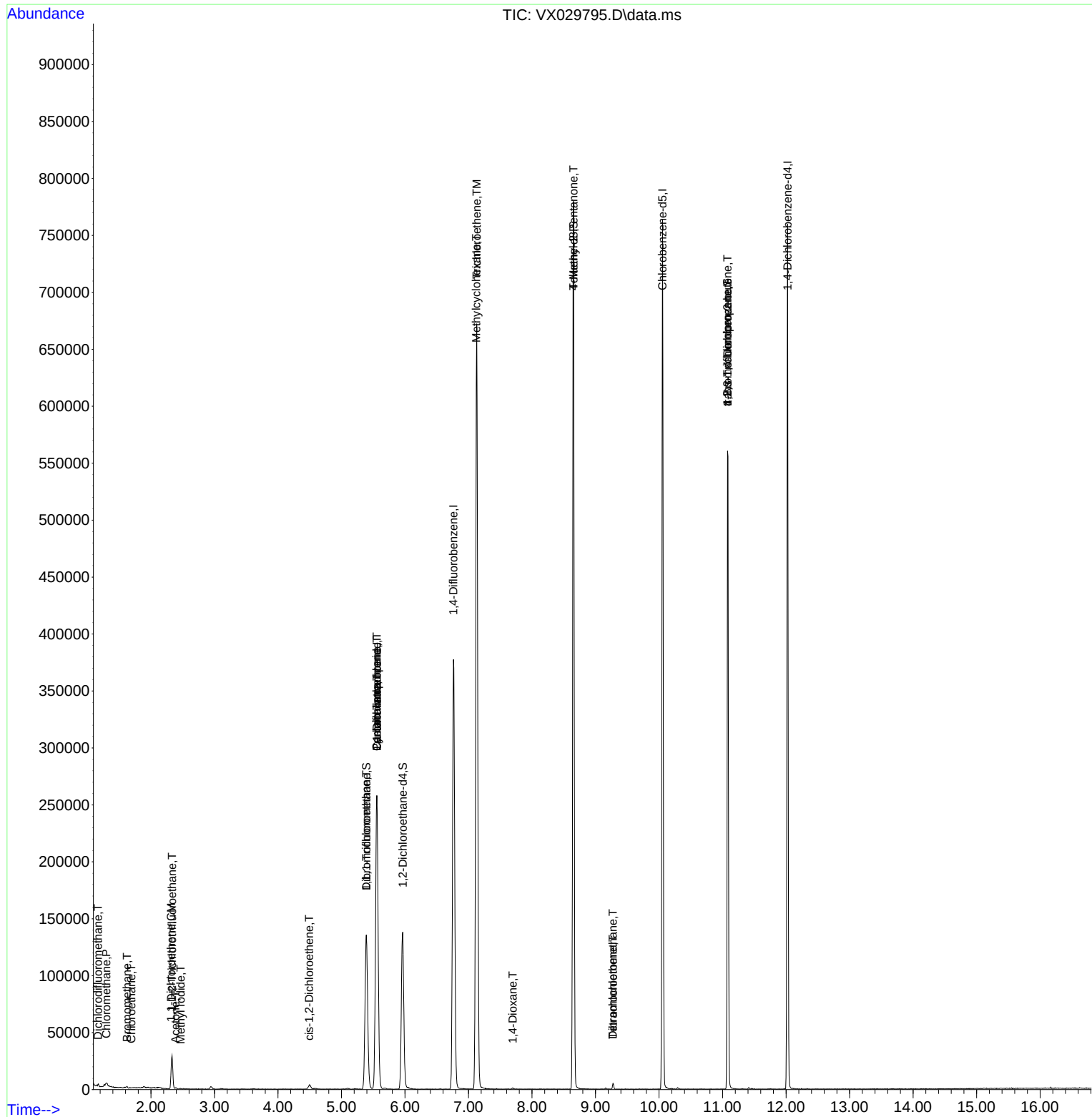
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	254920	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	419679	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	365149	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	161922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	130147	38.568	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	77.140%
35) Dibromofluoromethane	5.391	113	122580	44.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.640%
50) Toluene-d8	8.653	98	467793	46.819	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.640%
62) 4-Bromofluorobenzene	11.079	95	167493	44.453	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.900%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	988	0.320	ug/l	82
3) Chloromethane	1.294	50	722	0.217	ug/l	93
5) Bromomethane	1.624	94	425	0.272	ug/l	85
6) Chloroethane	1.691	64	252	1.395	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	11245	4.204	ug/l	97
10) Methyl Iodide	2.465	142	669	3.224	ug/l #	79
11) Tert butyl alcohol	2.941	59	1527	Below Cal	#	72
12) 1,1-Dichloroethene	2.319	96	1691	0.655	ug/l	88
16) Acetone	2.386	43	932	0.693	ug/l	91
27) cis-1,2-Dichloroethene	4.489	96	2890	0.876	ug/l	79
31) Cyclohexane	5.556	56	4293	0.948	ug/l #	1
32) 1,1,1-Trichloroethane	5.391	97	1528	0.330	ug/l #	47
36) 1,1-Dichloropropene	5.556	75	18026	4.870	ug/l #	46
38) Carbon Tetrachloride	5.556	117	25187	6.919	ug/l #	15
39) Methylcyclohexane	7.123	83	3045	0.660	ug/l #	1
44) Trichloroethene	7.129	130	273628	88.882	ug/l	99
49) 1,4-Dioxane	7.696	88	907	12.161	ug/l #	78
51) 4-Methyl-2-Pentanone	8.653	43	1657	0.436	ug/l #	1
60) Dibromochloromethane	9.275	129	785	0.285	ug/l #	9
64) Tetrachloroethene	9.275	164	880	0.333	ug/l #	82
76) 1,2,3-Trichloropropane	11.079	75	77152	21.872	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	77152	72.762	ug/l #	15

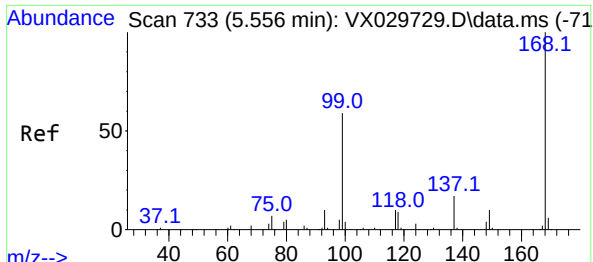
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062422\
Data File : VX029795.D
Acq On : 25 Jun 2022 03:30
Operator : JC/MD
Sample : N3386-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220613

Quant Time: Jun 25 05:33:08 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 20 01:31:01 2022
Response via : Initial Calibration

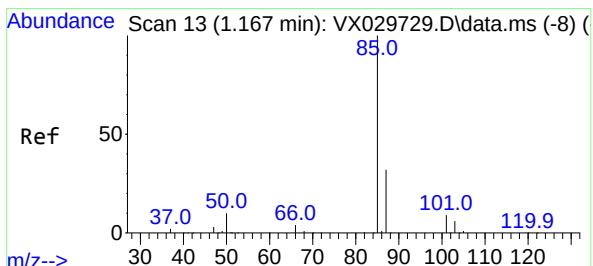
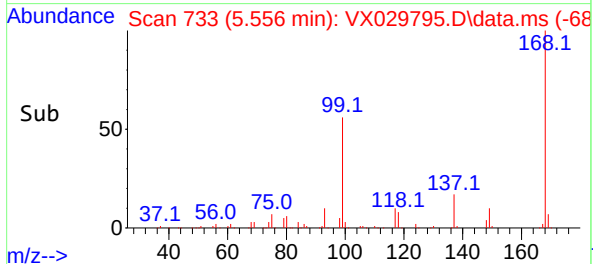
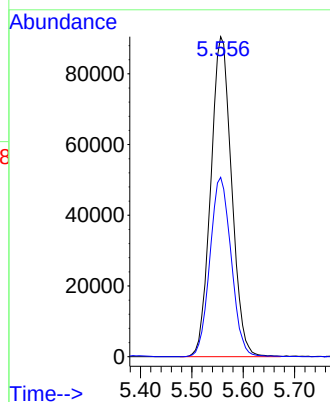
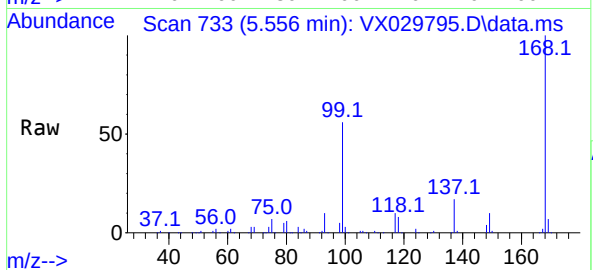




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

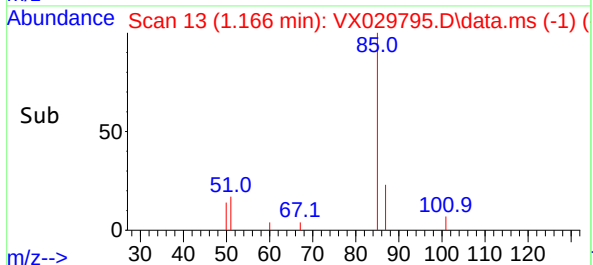
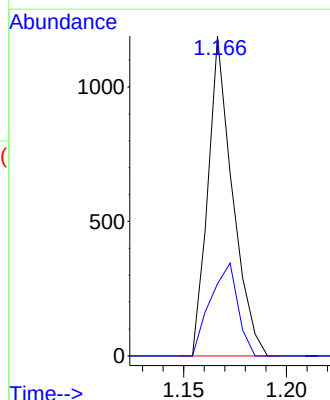
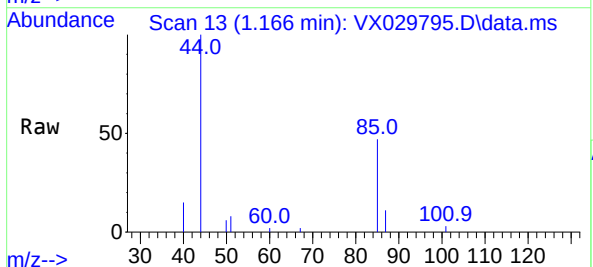
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220613

Tgt Ion:168 Resp: 254920
Ion Ratio Lower Upper
168 100
99 56.0 41.7 62.5

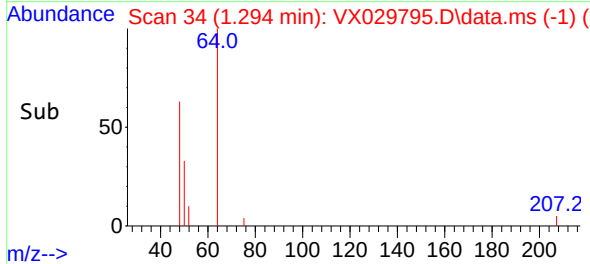
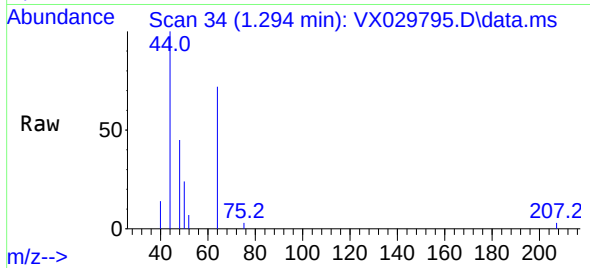
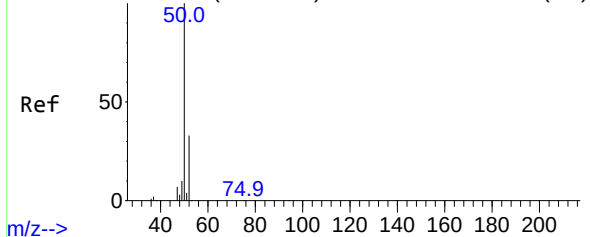


#2
Dichlorodifluoromethane
Concen: 0.320 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

Tgt Ion: 85 Resp: 988
Ion Ratio Lower Upper
85 100
87 22.5 16.2 48.6



Abundance Scan 33 (1.288 min): VX029729.D\data.ms (-28)



#3

Chloromethane

Concen: 0.217 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.006 min

Lab File: VX029795.D

Acq: 25 Jun 2022 03:30

Instrument :

MSVOA_X

ClientSampleId :

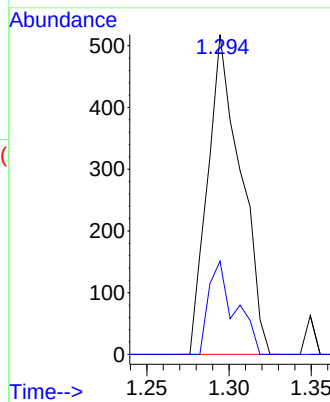
RE105D1-20220613

Tgt Ion: 50 Resp: 722

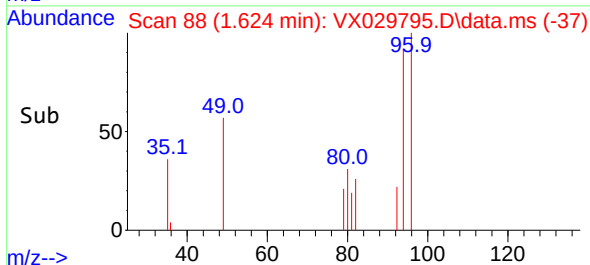
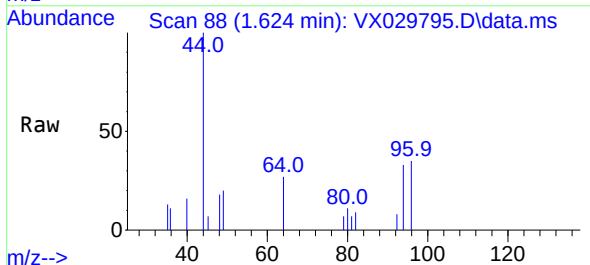
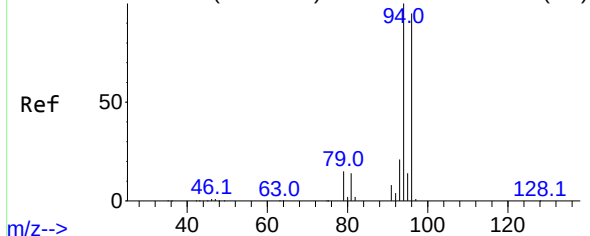
Ion Ratio Lower Upper

50 100

52 29.2 26.4 39.6



Abundance Scan 86 (1.612 min): VX029729.D\data.ms (-81)



#5

Bromomethane

Concen: 0.272 ug/l

RT: 1.624 min Scan# 88

Delta R.T. 0.013 min

Lab File: VX029795.D

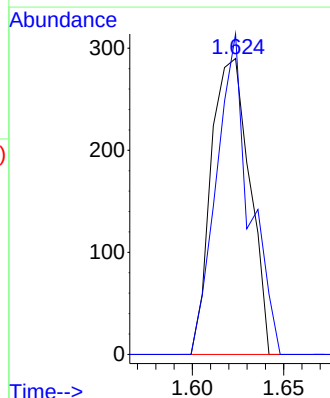
Acq: 25 Jun 2022 03:30

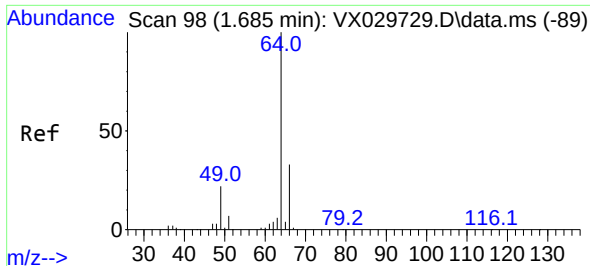
Tgt Ion: 94 Resp: 425

Ion Ratio Lower Upper

94 100

96 108.3 75.3 112.9

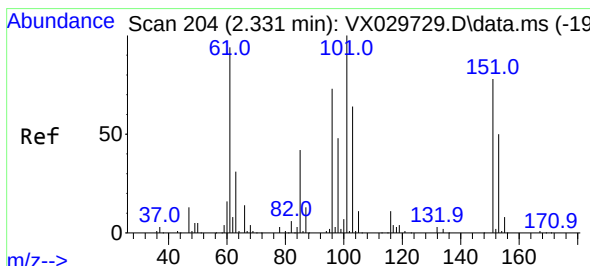
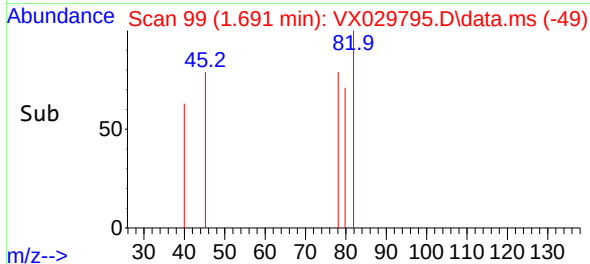
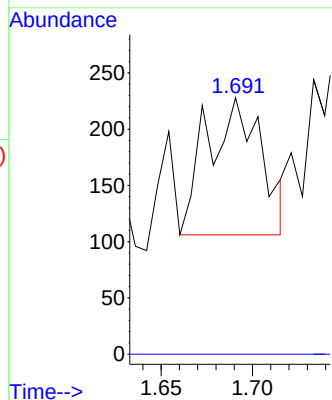
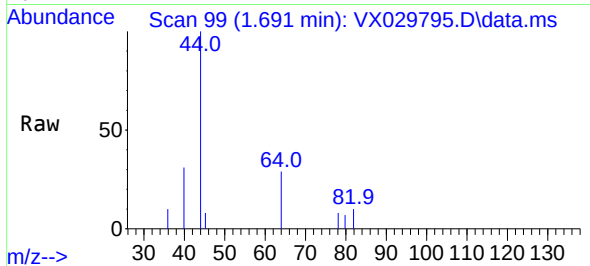




#6
Chloroethane
Concen: 1.395 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.006 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

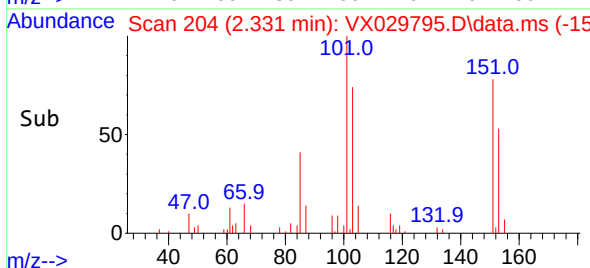
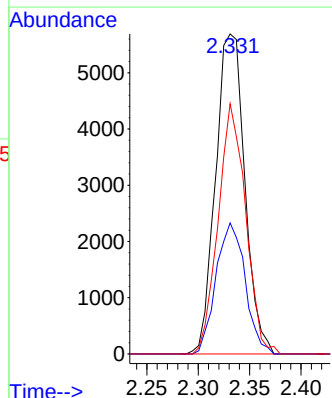
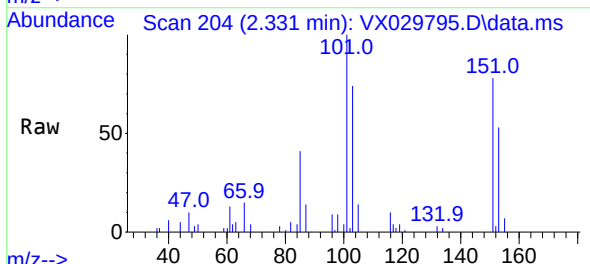
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220613

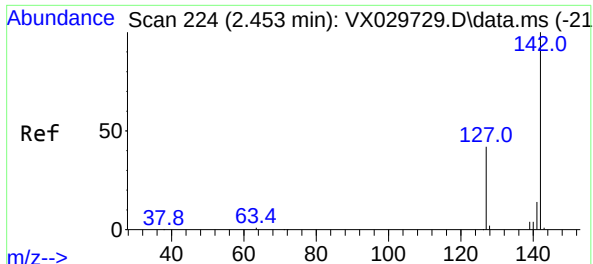
Tgt Ion: 64 Resp: 252
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.204 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

Tgt Ion: 101 Resp: 11245
Ion Ratio Lower Upper
101 100
85 40.8 33.5 50.3
151 73.5 61.8 92.6

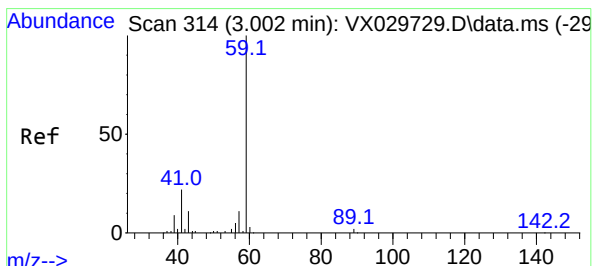
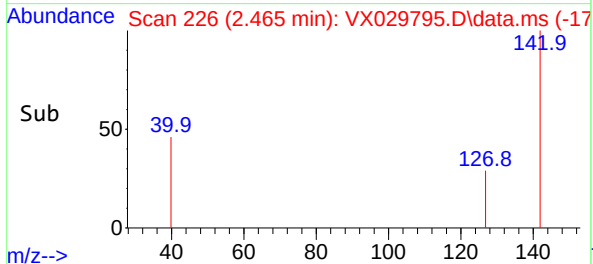
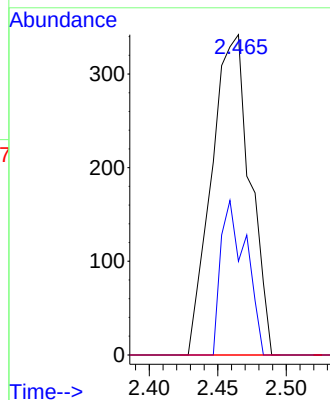
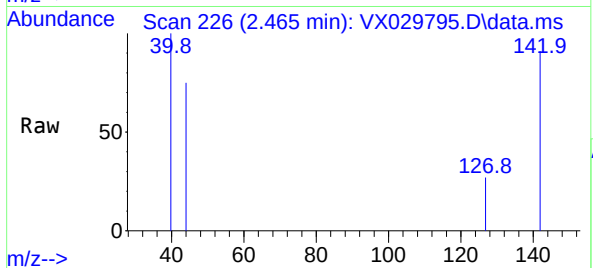




#10
Methyl Iodide
Concen: 3.224 ug/l
RT: 2.465 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

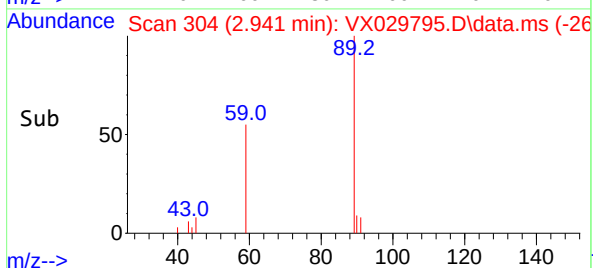
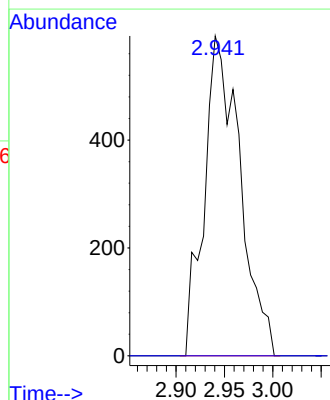
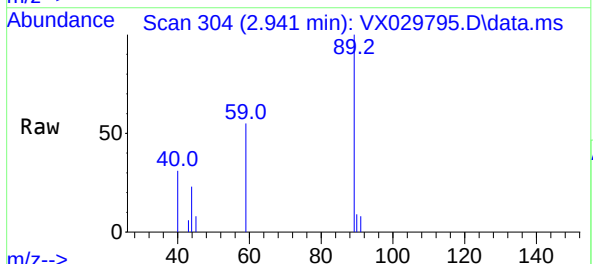
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220613

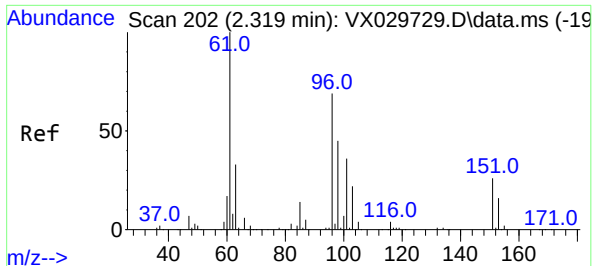
Tgt Ion:142	Resp:	669
Ion	Ratio	Lower Upper
142	100	
127	31.7	33.9 50.9#
141	0.0	11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.941 min Scan# 304
Delta R.T. -0.042 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

Tgt Ion: 59	Resp:	1527
Ion	Ratio	Lower Upper
59	100	
57	0.0	8.3 12.5#

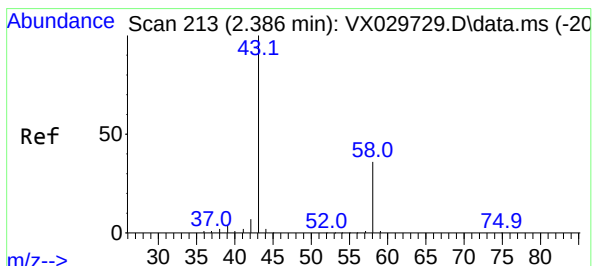
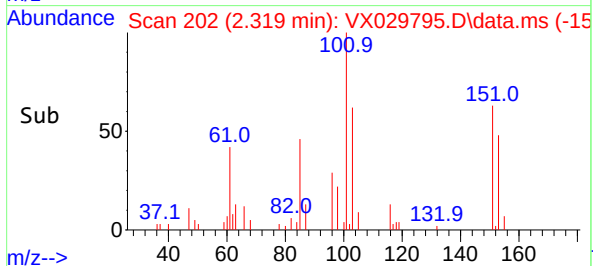
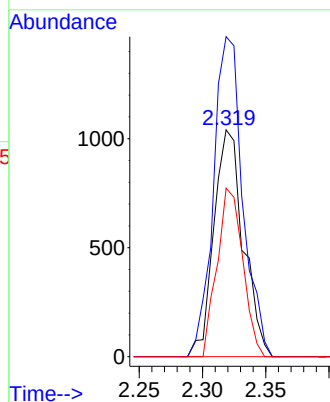
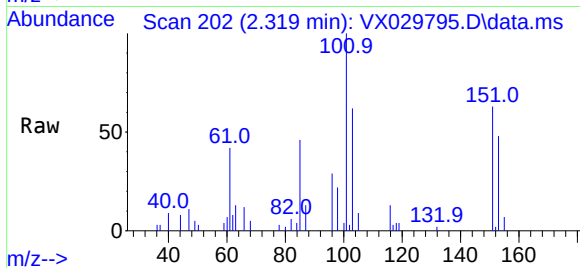




#12
1,1-Dichloroethene
Concen: 0.655 ug/l
RT: 2.319 min Scan# 202
Delta R.T. -0.000 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

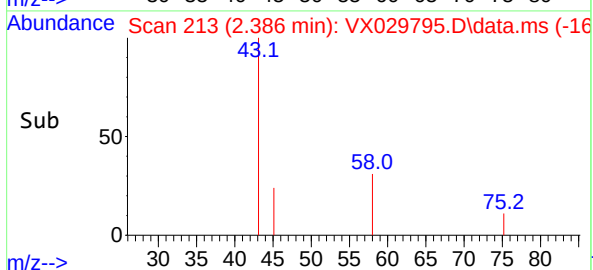
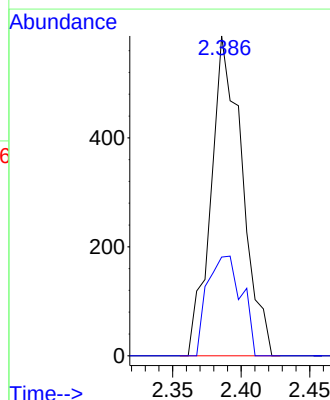
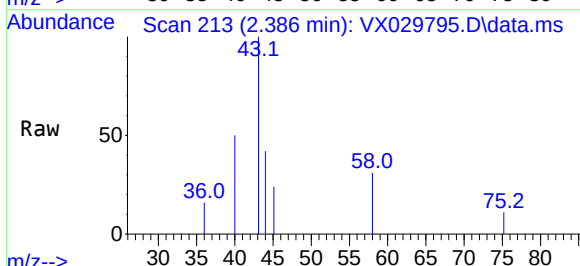
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220613

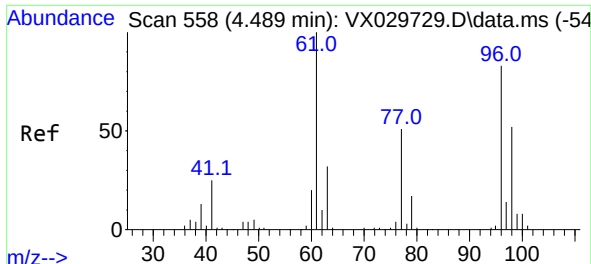
Tgt Ion: 96 Resp: 1691
Ion Ratio Lower Upper
96 100
61 141.0 124.6 187.0
98 74.3 51.0 76.4



#16
Acetone
Concen: 0.693 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

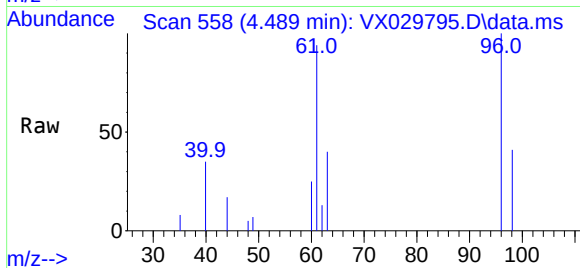
Tgt Ion: 43 Resp: 932
Ion Ratio Lower Upper
43 100
58 30.8 28.8 43.2



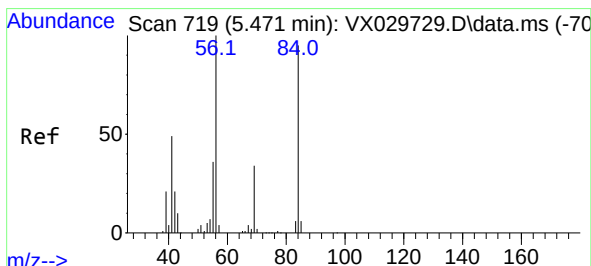
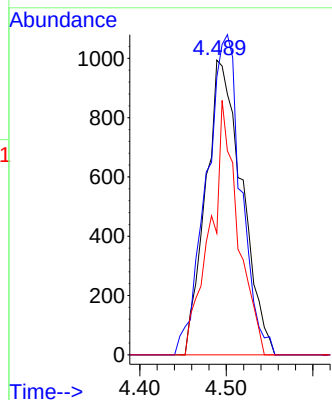
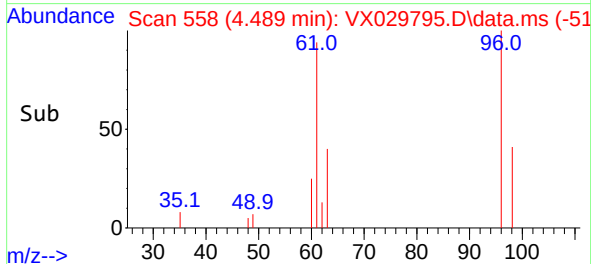


#27
cis-1,2-Dichloroethene
Concen: 0.876 ug/l
RT: 4.489 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

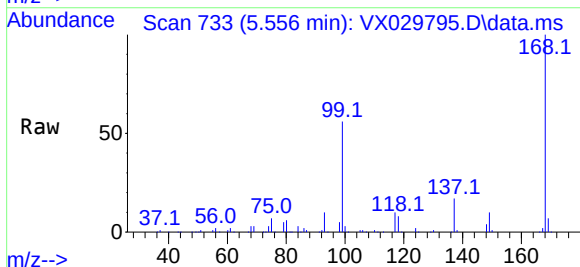
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220613



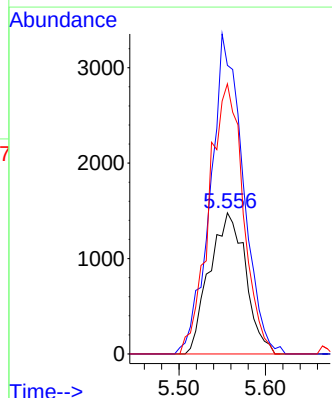
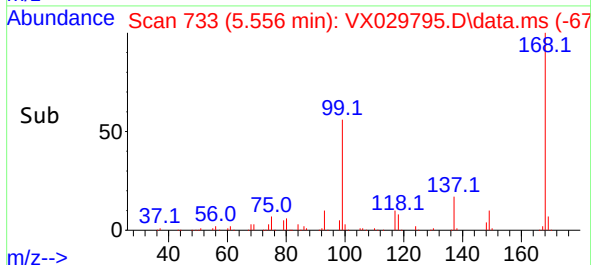
Tgt Ion: 96 Resp: 2890
Ion Ratio Lower Upper
96 100
61 104.0 0.0 283.8
98 65.5 0.0 129.8

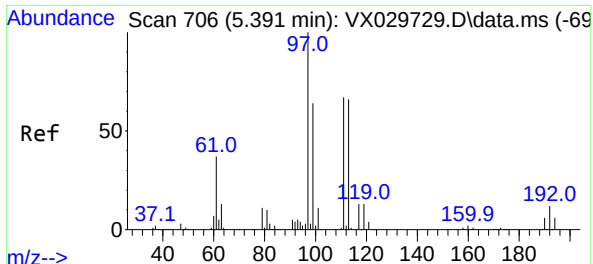


#31
Cyclohexane
Concen: 0.948 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.079 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30



Tgt Ion: 56 Resp: 4293
Ion Ratio Lower Upper
56 100
69 200.0 26.7 40.1#
84 191.3 77.2 115.8#





#32

1,1,1-Trichloroethane

Concen: 0.330 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.006 min

Lab File: VX029795.D

Acq: 25 Jun 2022 03:30

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20220613

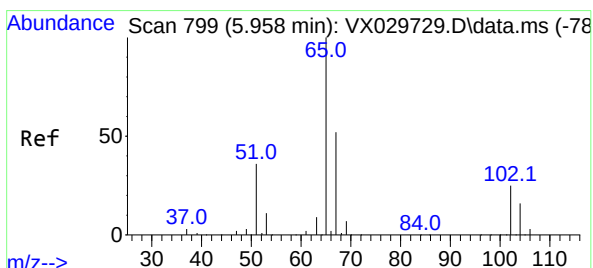
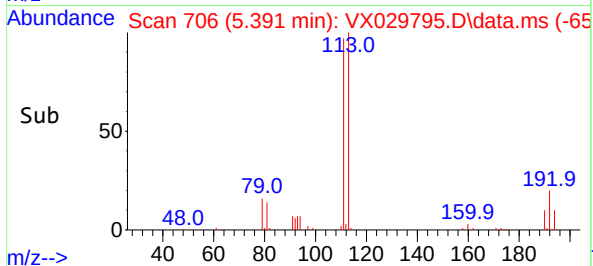
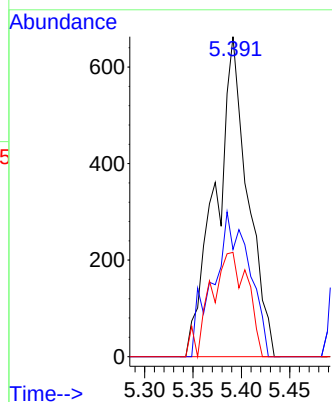
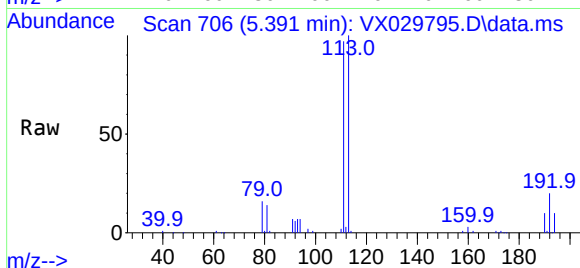
Tgt Ion: 97 Resp: 1528

Ion Ratio Lower Upper

97 100

99 0.0 51.8 77.6#

61 37.3 34.0 51.0



#33

1,2-Dichloroethane-d4

Concen: 38.568 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.006 min

Lab File: VX029795.D

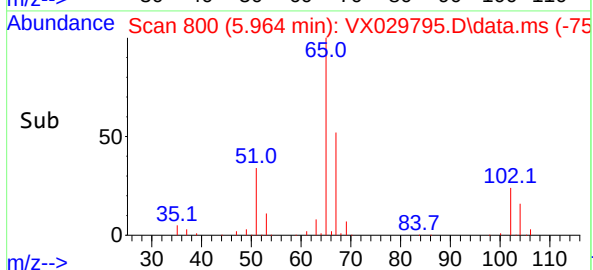
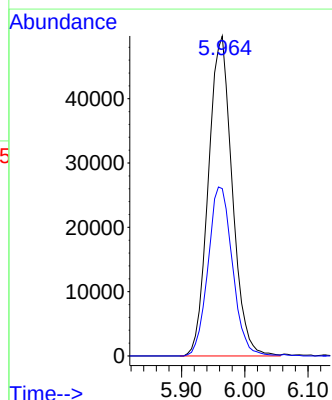
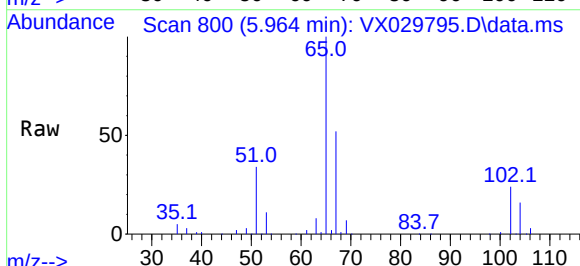
Acq: 25 Jun 2022 03:30

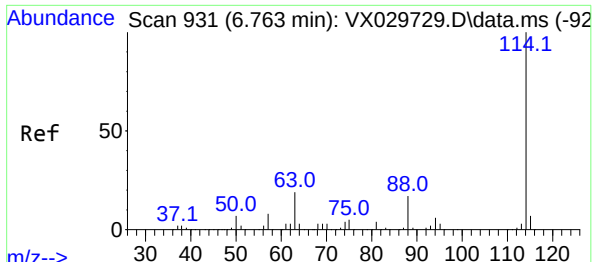
Tgt Ion: 65 Resp: 130147

Ion Ratio Lower Upper

65 100

67 54.2 0.0 107.4

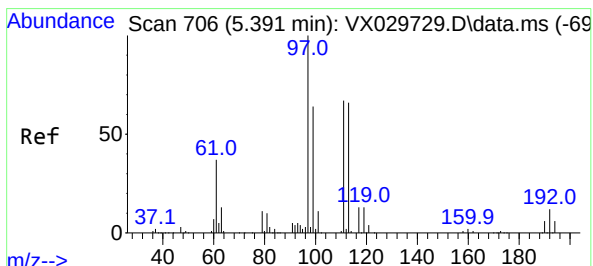
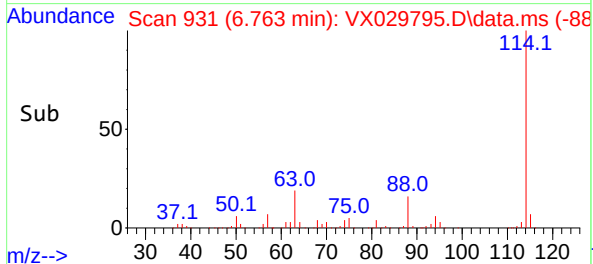
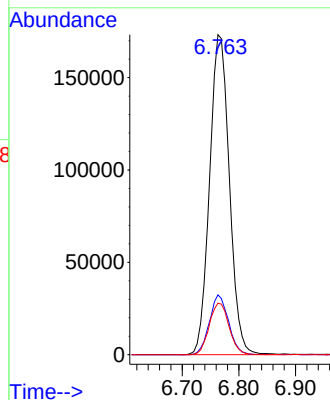
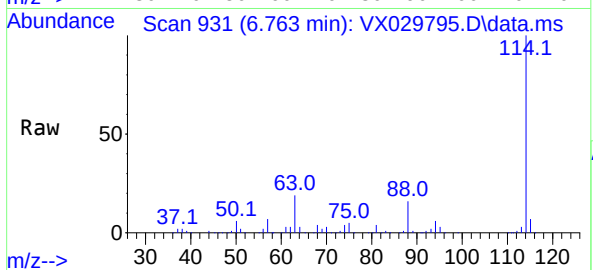




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

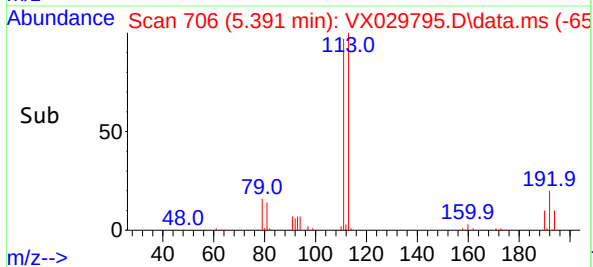
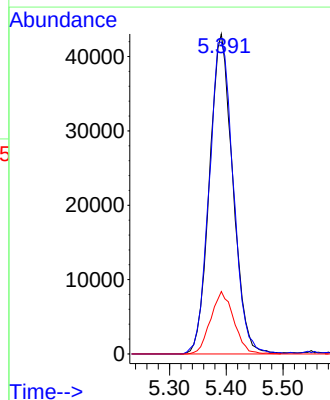
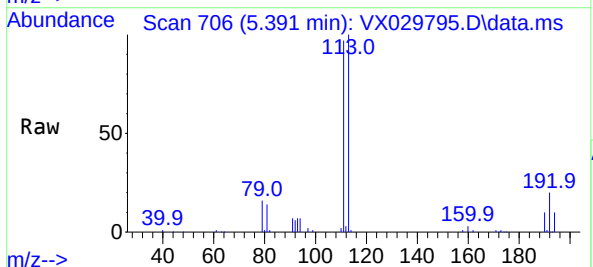
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220613

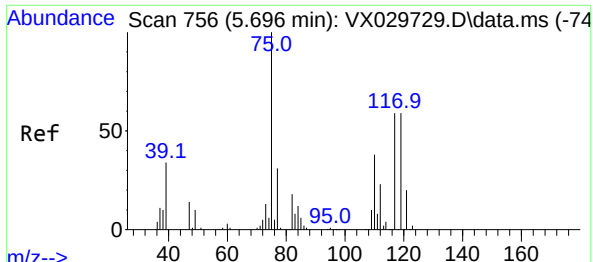
Tgt Ion:114 Resp: 419679
Ion Ratio Lower Upper
114 100
63 18.7 0.0 36.8
88 16.1 0.0 32.4



#35
Dibromofluoromethane
Concen: 44.819 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

Tgt Ion:113 Resp: 122580
Ion Ratio Lower Upper
113 100
111 101.3 82.8 124.2
192 19.4 16.9 25.3

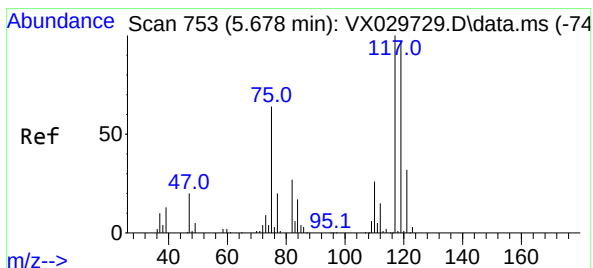
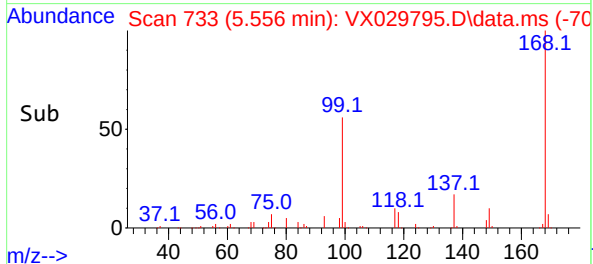
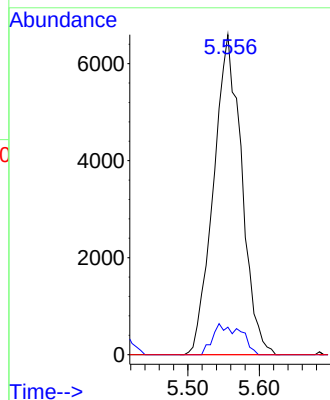
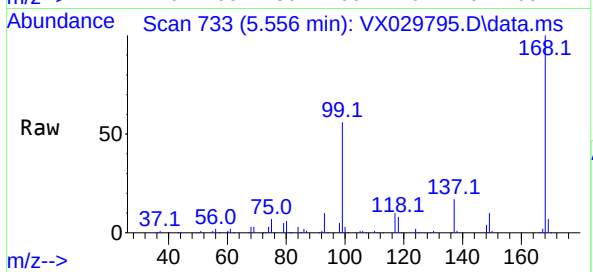




#36
1,1-Dichloropropene
Concen: 4.870 ug/l
RT: 5.556 min Scan# 713
Delta R.T. -0.140 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

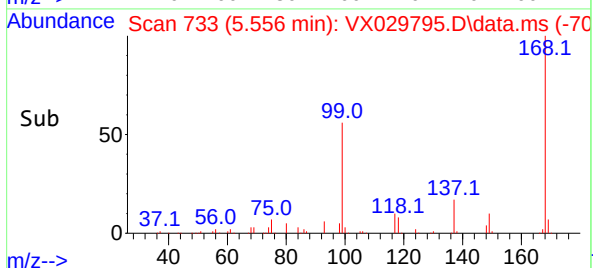
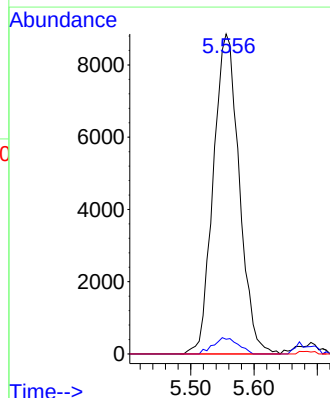
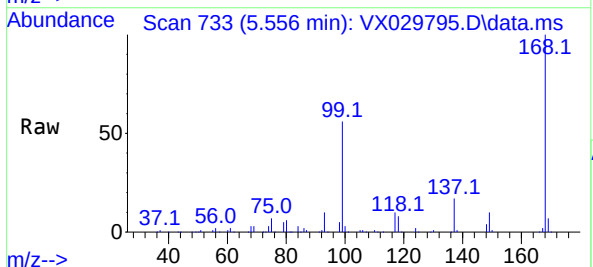
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220613

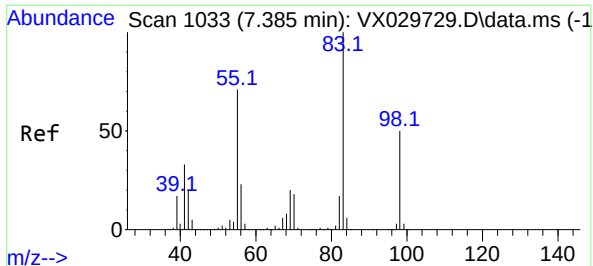
Tgt Ion: 75 Resp: 18026
Ion Ratio Lower Upper
75 100
110 6.1 18.3 54.8#
77 0.0 24.8 37.2#



#38
Carbon Tetrachloride
Concen: 6.919 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.128 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

Tgt Ion: 117 Resp: 25187
Ion Ratio Lower Upper
117 100
119 4.6 77.3 115.9#
121 0.0 24.2 36.2#





#39

Methylcyclohexane

Concen: 0.660 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.262 min

Lab File: VX029795.D

Acq: 25 Jun 2022 03:30

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20220613

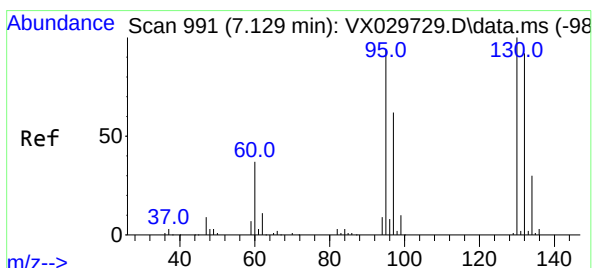
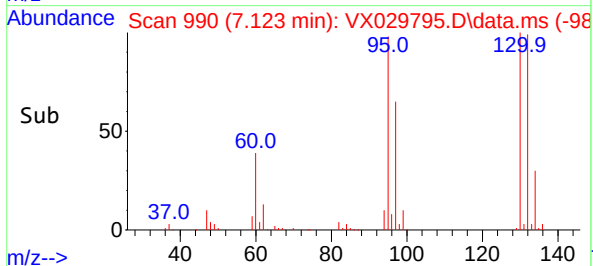
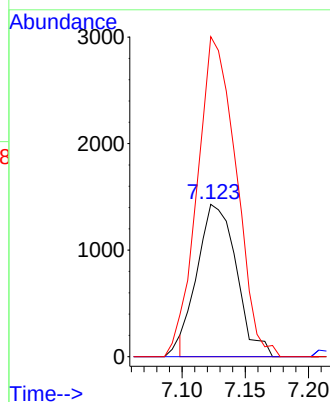
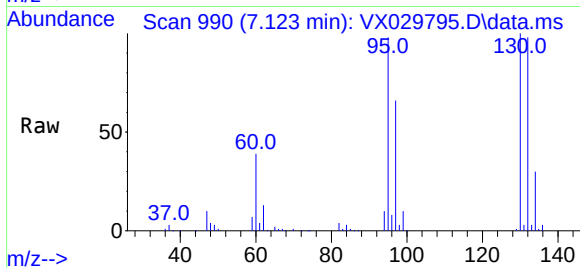
Tgt Ion: 83 Resp: 3045

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

98 210.1 37.4 56.2#



#44

Trichloroethene

Concen: 88.882 ug/l

RT: 7.129 min Scan# 991

Delta R.T. -0.000 min

Lab File: VX029795.D

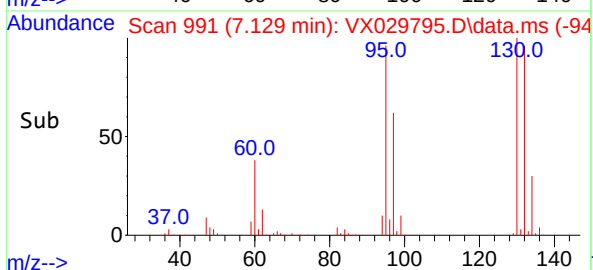
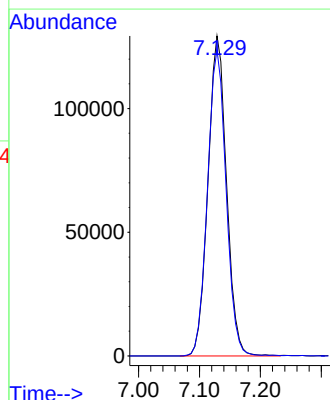
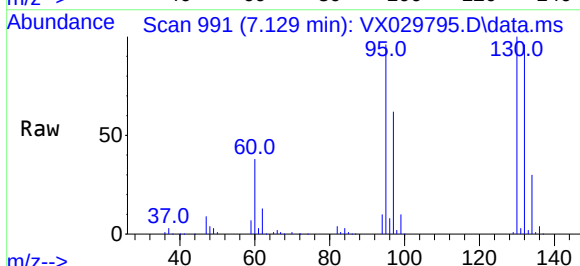
Acq: 25 Jun 2022 03:30

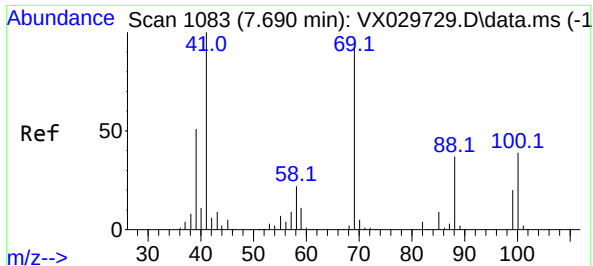
Tgt Ion:130 Resp: 273628

Ion Ratio Lower Upper

130 100

95 95.7 0.0 188.8





#49

1,4-Dioxane

Concen: 12.161 ug/l

RT: 7.696 min Scan# 1083

Delta R.T. 0.012 min

Lab File: VX029795.D

Acq: 25 Jun 2022 03:30

Instrument :

MSVOA_X

ClientSampleId :

RE105D1-20220613

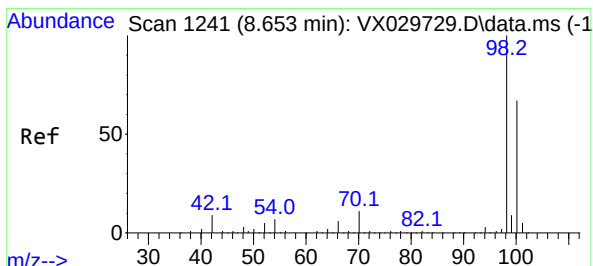
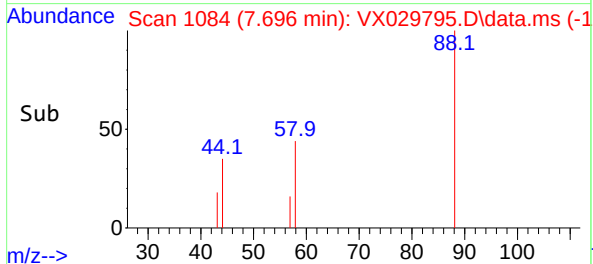
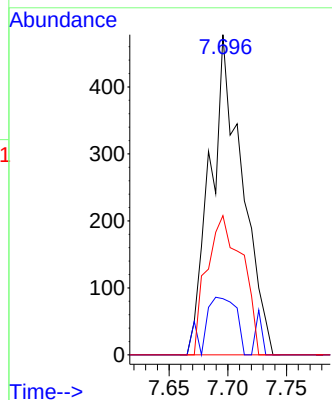
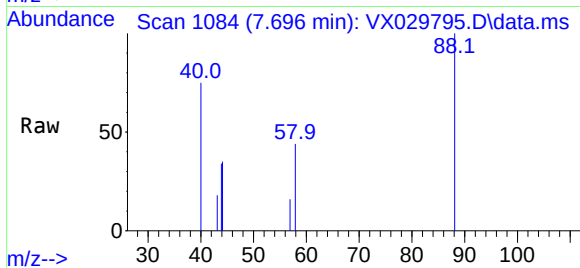
Tgt Ion: 88 Resp: 907

Ion Ratio Lower Upper

88 100

43 17.8 21.9 32.9#

58 48.0 53.7 80.5#



#50

Toluene-d8

Concen: 46.819 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. -0.000 min

Lab File: VX029795.D

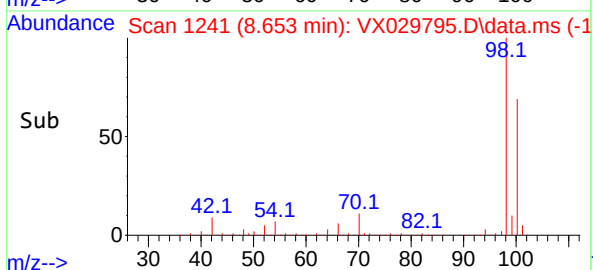
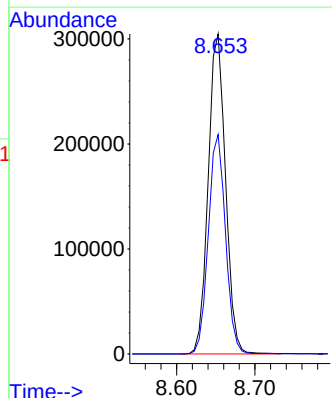
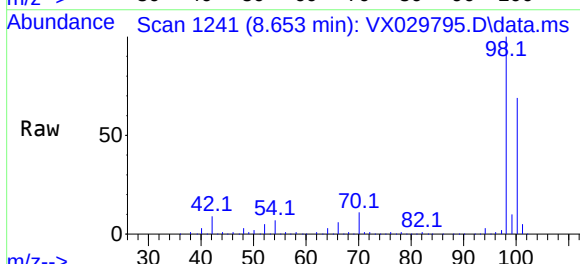
Acq: 25 Jun 2022 03:30

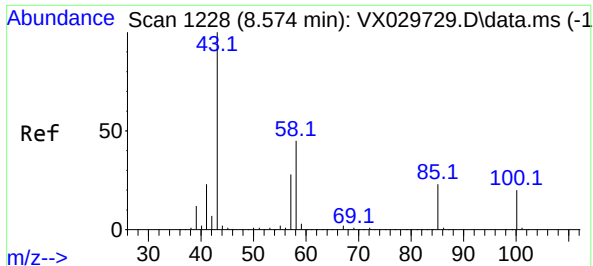
Tgt Ion: 98 Resp: 467793

Ion Ratio Lower Upper

98 100

100 68.1 52.6 78.8





#51

4-Methyl-2-Pentanone

Concen: 0.436 ug/l

RT: 8.653 min Scan# 11

Delta R.T. 0.079 min

Lab File: VX029795.D

Acq: 25 Jun 2022 03:30

Instrument :

MSVOA_X

ClientSampleId :

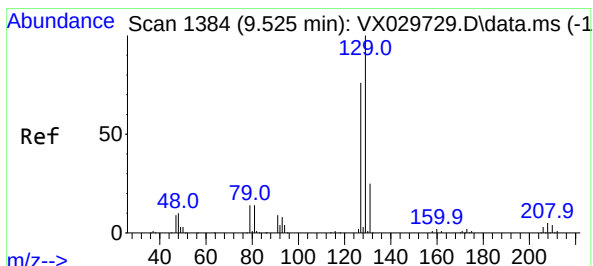
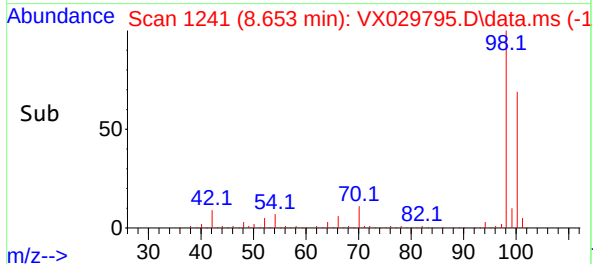
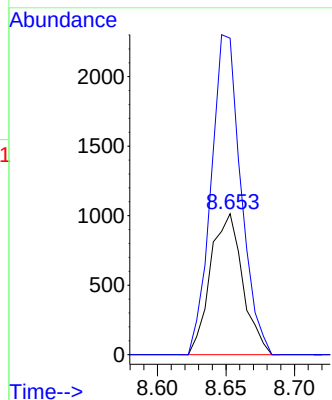
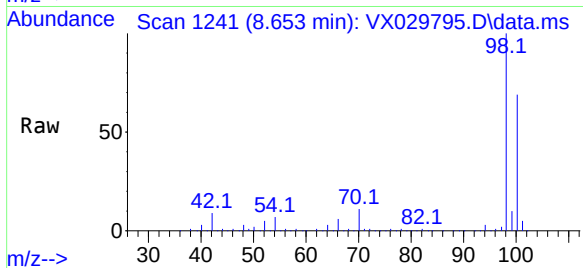
RE105D1-20220613

Tgt Ion: 43 Resp: 1657

Ion Ratio Lower Upper

43 100

58 210.6 36.1 54.1#



#60

Dibromochloromethane

Concen: 0.285 ug/l

RT: 9.275 min Scan# 1343

Delta R.T. -0.250 min

Lab File: VX029795.D

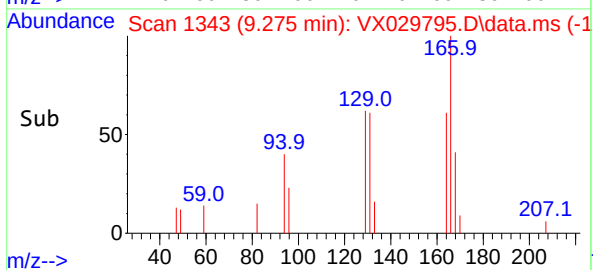
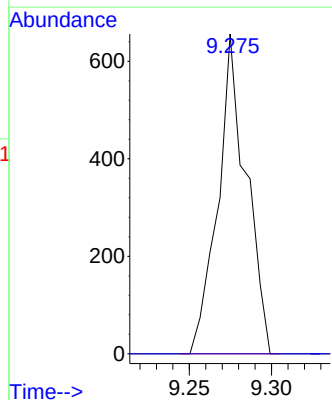
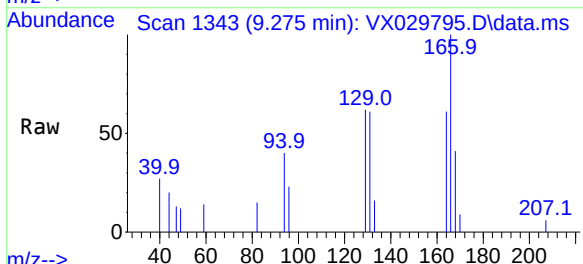
Acq: 25 Jun 2022 03:30

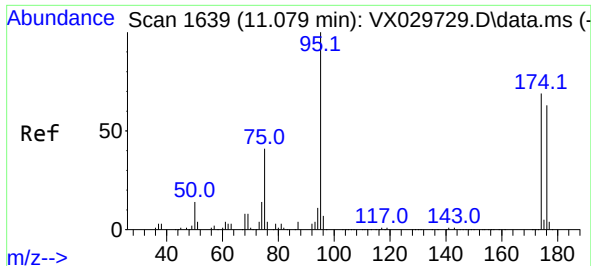
Tgt Ion: 129 Resp: 785

Ion Ratio Lower Upper

129 100

127 0.0 40.3 120.8#

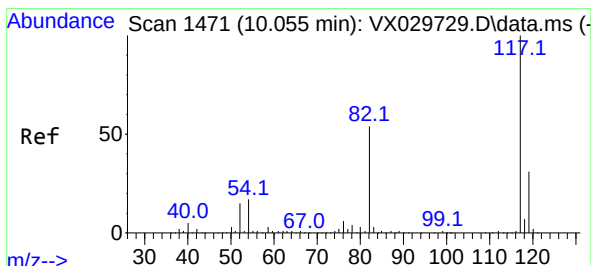
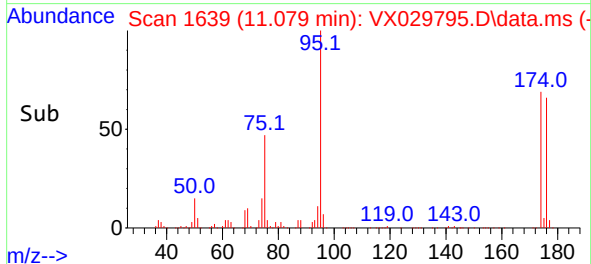
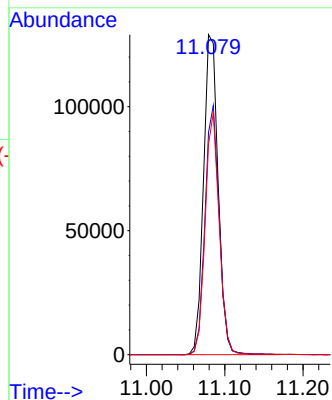
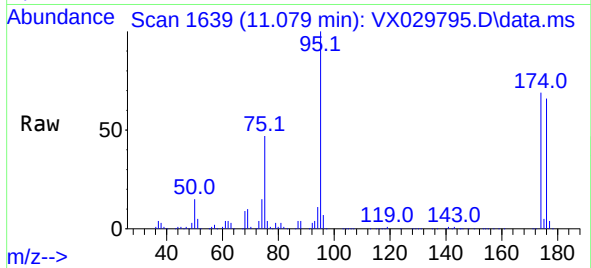




#62
4-Bromofluorobenzene
Concen: 44.453 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

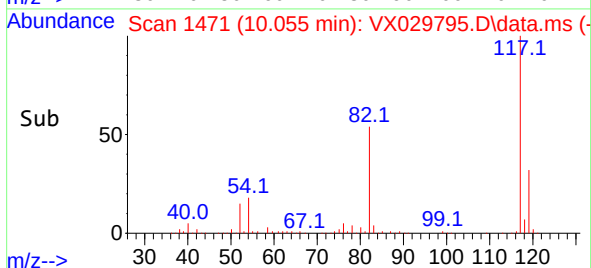
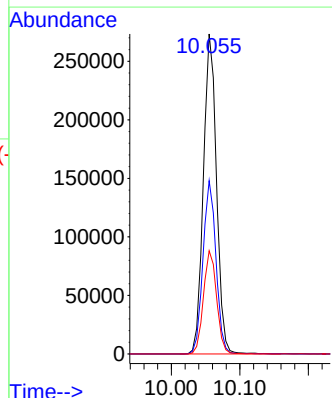
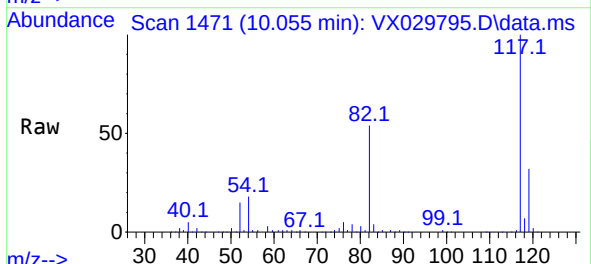
Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220613

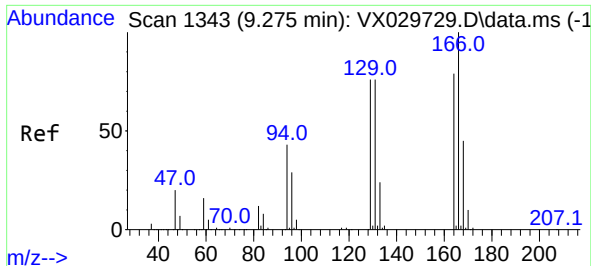
Tgt Ion: 95 Resp: 167493
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 72.3 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

Tgt Ion: 117 Resp: 365149
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 32.3 24.8 37.2



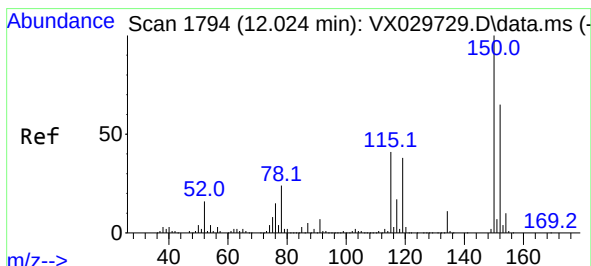
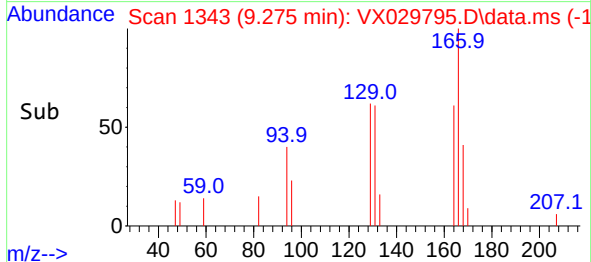
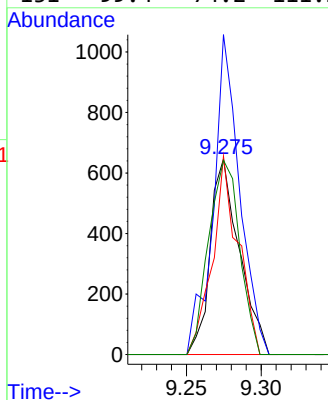
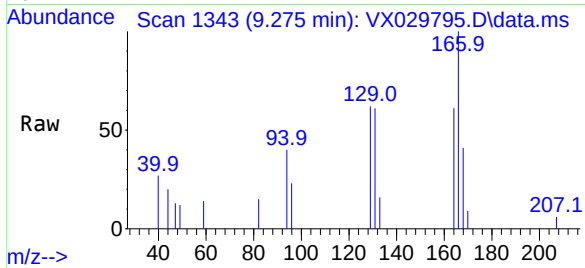


#64
Tetrachloroethene
Concen: 0.333 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220613

Tgt Ion:164 Resp: 880

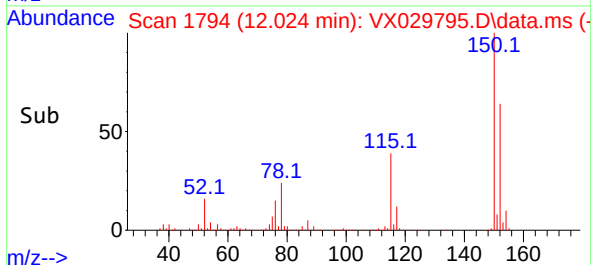
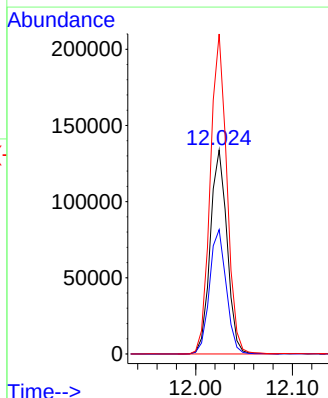
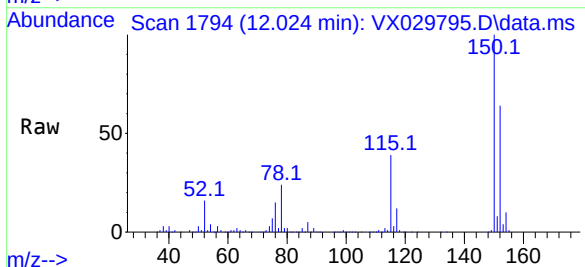
Ion	Ratio	Lower	Upper
164	100		
166	163.6	101.2	151.8#
129	101.5	73.0	109.4
131	99.4	74.2	111.2

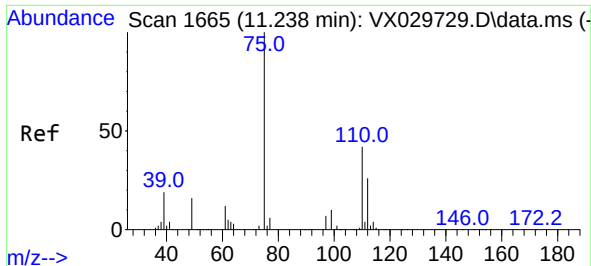


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

Tgt Ion:152 Resp: 161922

Ion	Ratio	Lower	Upper
152	100		
115	60.8	37.5	112.7
150	154.5	0.0	338.2

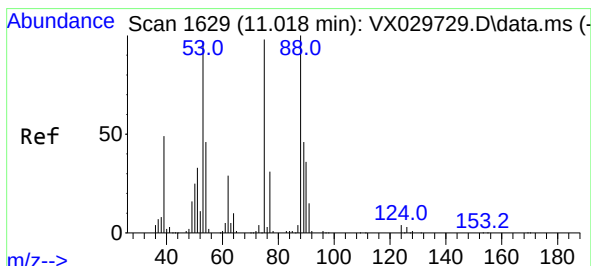
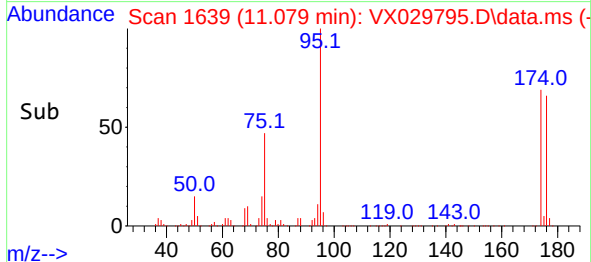
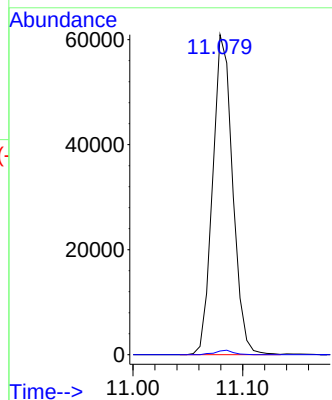
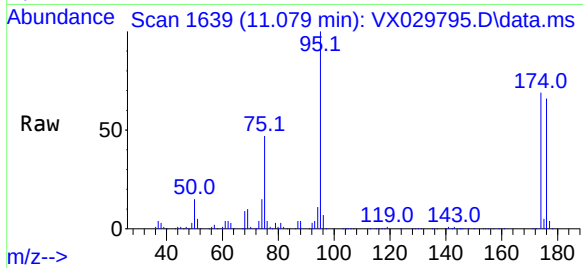




#76
1,2,3-Trichloropropane
Concen: 21.872 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

Instrument :
MSVOA_X
ClientSampleId :
RE105D1-20220613

Tgt Ion: 75 Resp: 77152
Ion Ratio Lower Upper
75 100
77 1.3 19.4 58.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 72.762 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX029795.D
Acq: 25 Jun 2022 03:30

Tgt Ion: 75 Resp: 77152
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#

