

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040122\
 Data File : VX027886.D
 Acq On : 01 Apr 2022 17:09
 Operator : JC/MD
 Sample : N2074-05DL 4X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 RE131D2-20220319DL

Quant Time: Apr 02 05:09:17 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032922W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 04:39:27 2022
 Response via : Initial Calibration

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

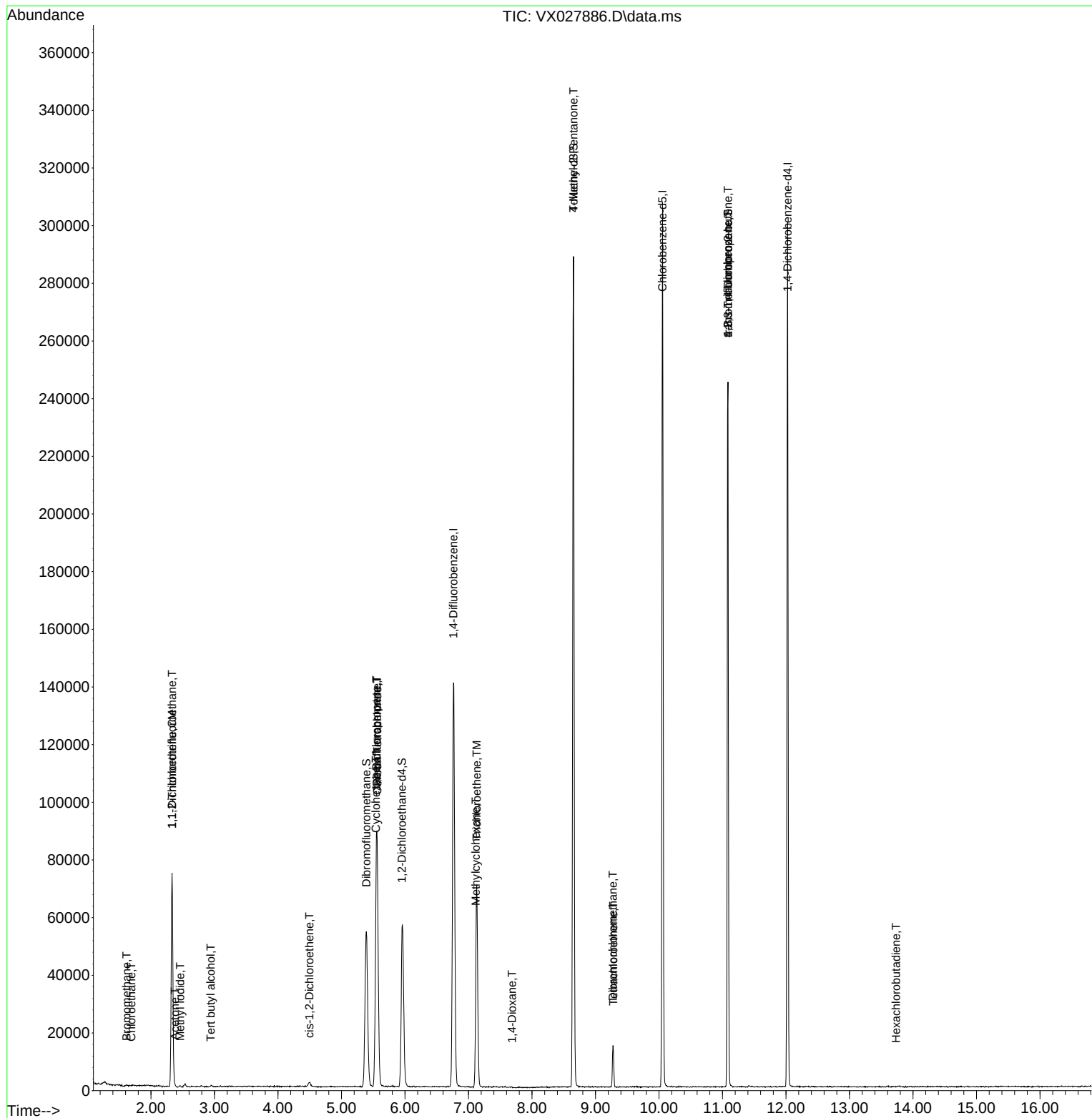
Internal Standards						
1) Pentafluorobenzene	5.556	168	82193	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	143990	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125792	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55686	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	56610	53.380	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 106.760%	
35) Dibromofluoromethane	5.391	113	47448	51.051	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 102.100%	
50) Toluene-d8	8.653	98	163506	50.000	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.000%	
62) 4-Bromofluorobenzene	11.085	95	65409	47.068	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 94.140%	
Target Compounds						
					Qvalue	
5) Bromomethane	1.618	94	183	0.601	ug/l #	48
6) Chloroethane	1.691	64	116	0.255	ug/l #	43
9) 1,1,2-Trichlorotrifluo...	2.331	101	28505	37.037	ug/l	97
10) Methyl Iodide	2.459	142	376	0.421	ug/l #	90
11) Tert butyl alcohol	2.941	59	231	1.134	ug/l #	72
12) 1,1-Dichloroethene	2.331	96	376	0.532	ug/l #	51
16) Acetone	2.380	43	353	0.752	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	941	1.018	ug/l #	71
31) Cyclohexane	5.544	56	1950	1.663	ug/l #	60
36) 1,1-Dichloropropene	5.550	75	6573	5.615	ug/l #	50
38) Carbon Tetrachloride	5.562	117	8684	6.715	ug/l #	15
39) Methylcyclohexane	7.117	83	338	0.245	ug/l #	18
44) Trichloroethene	7.129	130	26689	27.684	ug/l	97
49) 1,4-Dioxane	7.684	88	111	4.613	ug/l #	60
51) 4-Methyl-2-Pentanone	8.653	43	794	0.492	ug/l #	1
60) Dibromochloromethane	9.275	129	2713	2.640	ug/l #	9
64) Tetrachloroethene	9.281	164	2368	2.776	ug/l #	83
76) 1,2,3-Trichloropropane	11.085	75	37044	28.358	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.085	75	37044	82.792	ug/l #	15
94) Hexachlorobutadiene	13.731	225	19	0.851	ug/l #	16

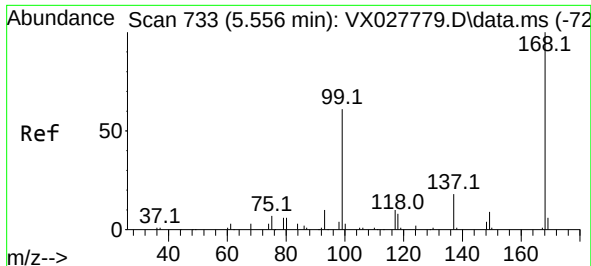
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Mar 30 04:39:27 2022
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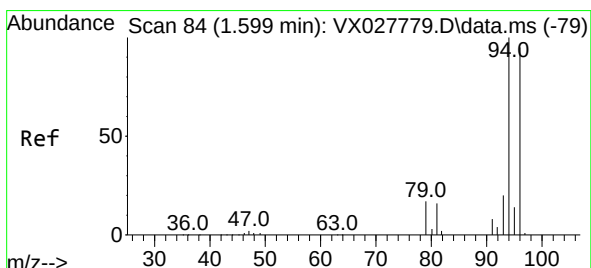
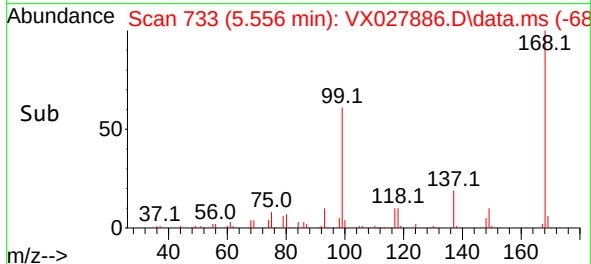
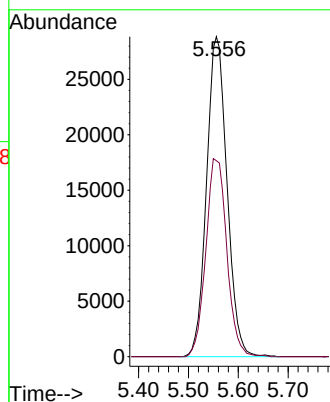
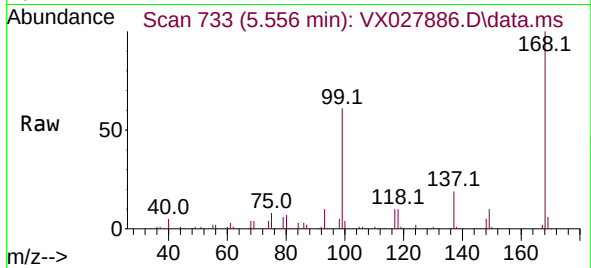




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

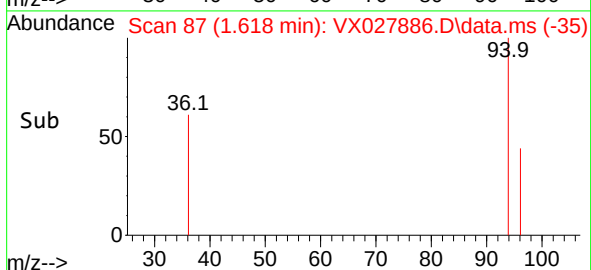
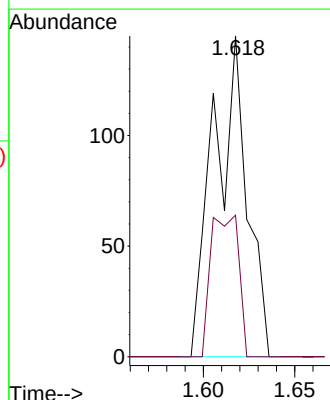
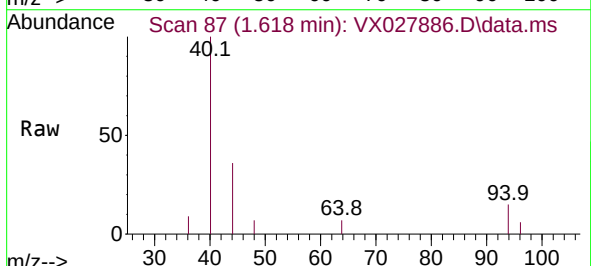
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220319DL

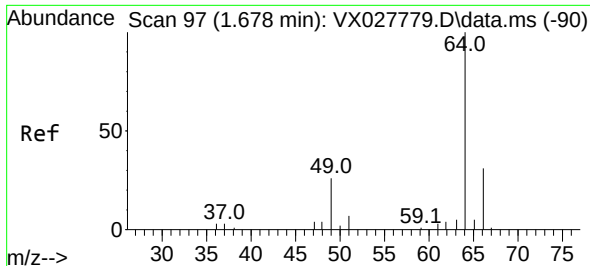
Tgt Ion:168 Resp: 82193
Ion Ratio Lower Upper
168 100
99 61.2 41.7 62.5



#5
Bromomethane
Concen: 0.601 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.019 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Tgt Ion: 94 Resp: 183
Ion Ratio Lower Upper
94 100
96 44.1 75.3 112.9#

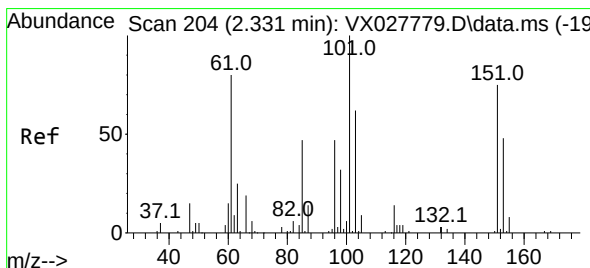
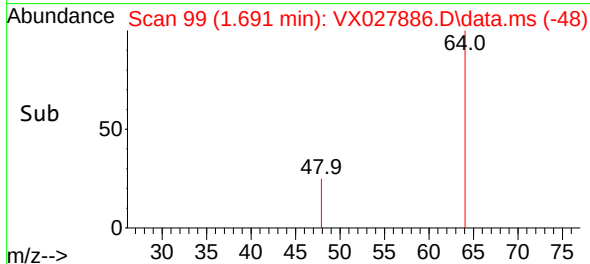
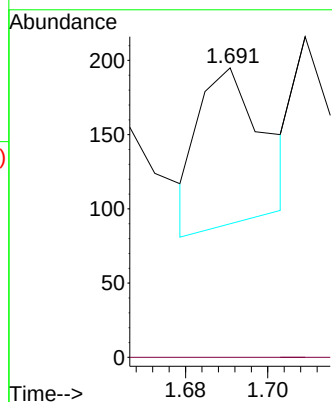
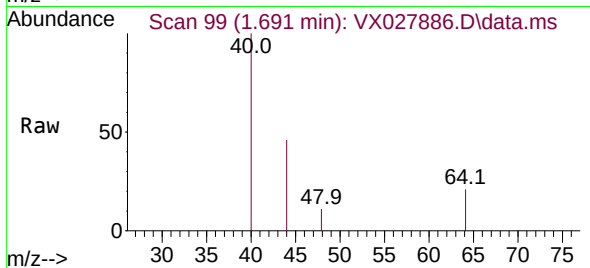




#6
Chloroethane
Concen: 0.255 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.013 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

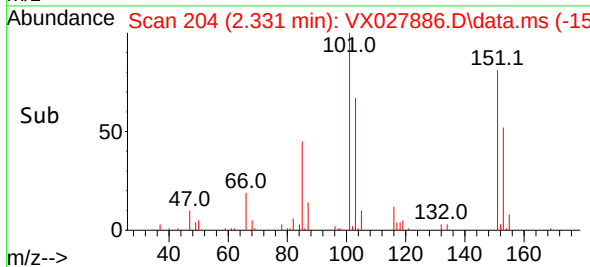
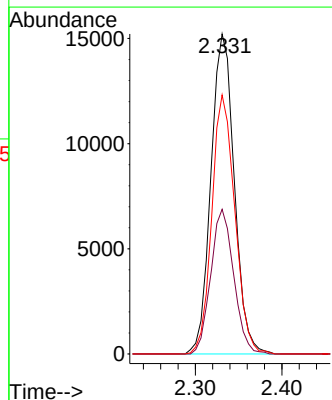
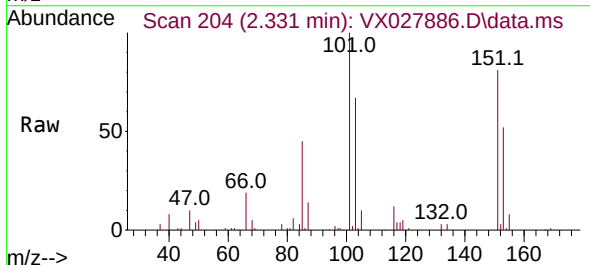
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220319DL

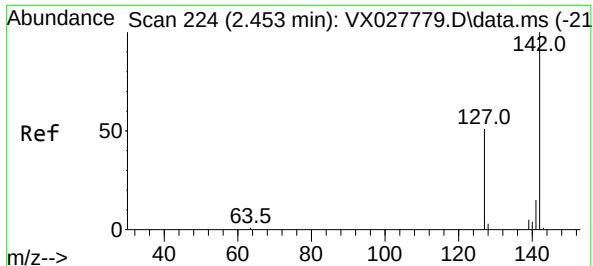
Tgt Ion: 64 Resp: 116
Ion Ratio Lower Upper
64 100
66 0.0 25.3 37.9#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 37.037 ug/l
RT: 2.331 min Scan# 204
Delta R.T. -0.000 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

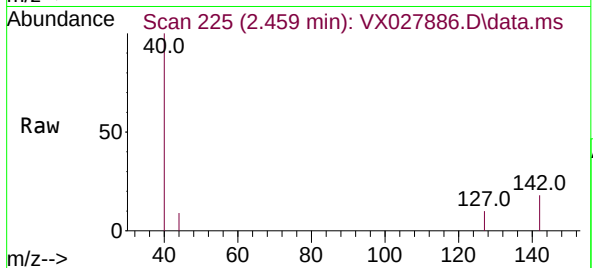
Tgt Ion: 101 Resp: 28505
Ion Ratio Lower Upper
101 100
85 44.4 33.5 50.3
151 79.7 61.8 92.6



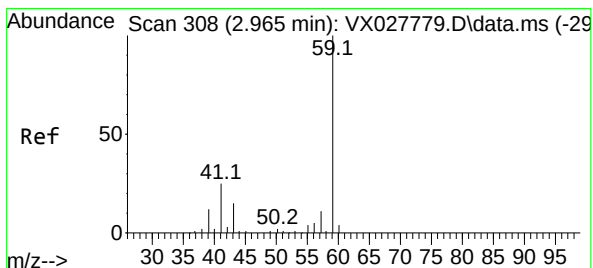
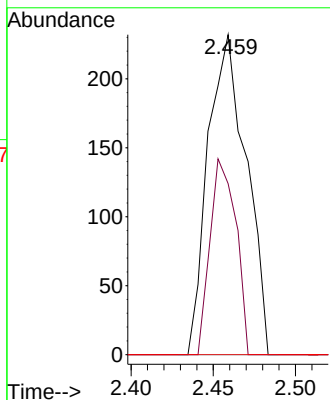
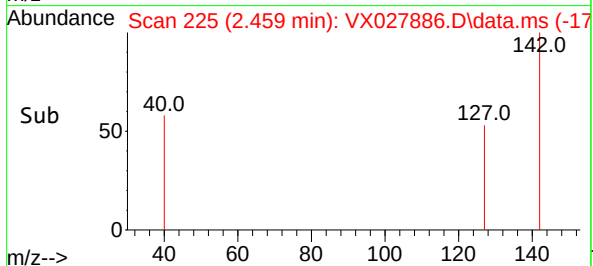


#10
Methyl Iodide
Concen: 0.421 ug/l
RT: 2.459 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220319DL

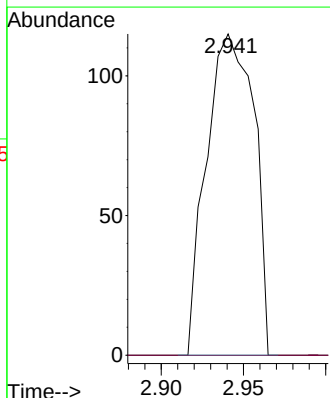
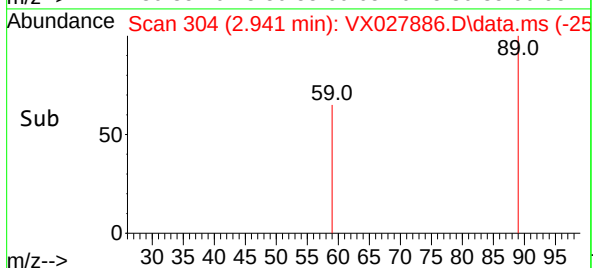
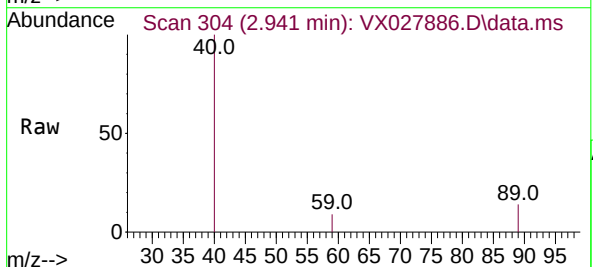


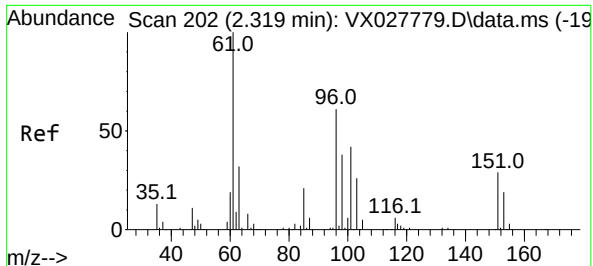
Tgt Ion:142 Resp: 376
Ion Ratio Lower Upper
142 100
127 41.2 33.9 50.9
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: 1.134 ug/l
RT: 2.941 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Tgt Ion: 59 Resp: 231
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#





#12

1,1-Dichloroethene

Concen: 0.532 ug/l

RT: 2.331 min Scan# 202

Delta R.T. 0.012 min

Lab File: VX027886.D

Acq: 01 Apr 2022 17:09

Instrument :

MSVOA_X

ClientSampleId :

RE131D2-20220319DL

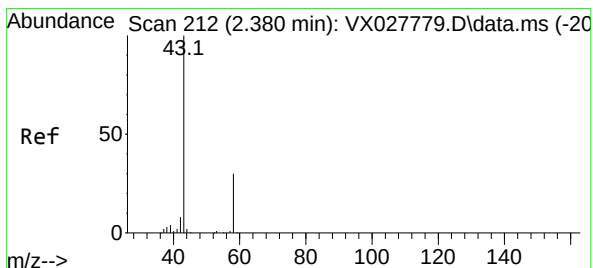
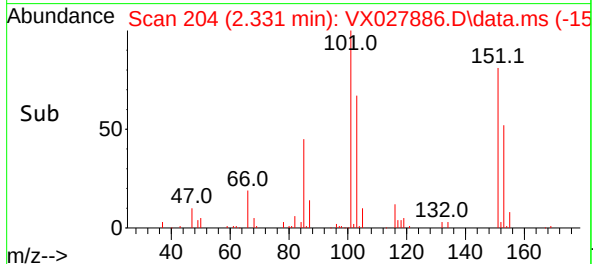
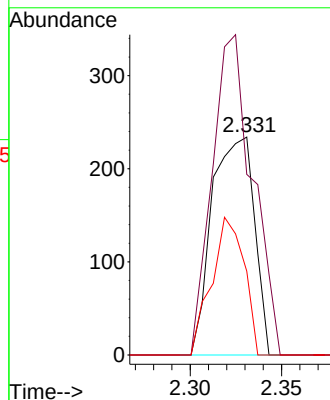
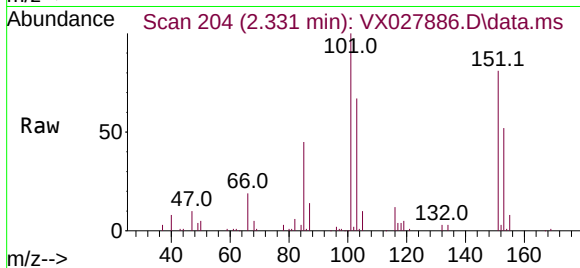
Tgt Ion: 96 Resp: 376

Ion Ratio Lower Upper

96 100

61 82.9 124.6 187.0#

98 38.5 51.0 76.4#



#16

Acetone

Concen: 0.752 ug/l

RT: 2.380 min Scan# 212

Delta R.T. -0.000 min

Lab File: VX027886.D

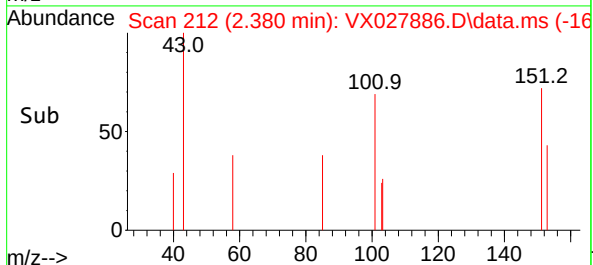
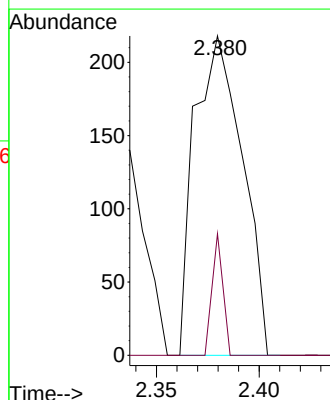
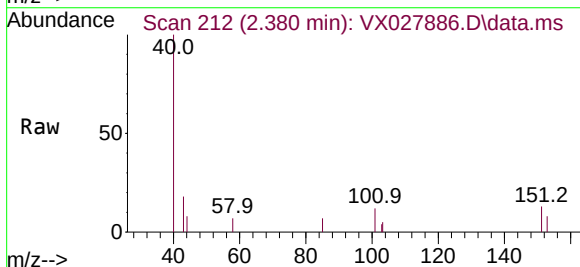
Acq: 01 Apr 2022 17:09

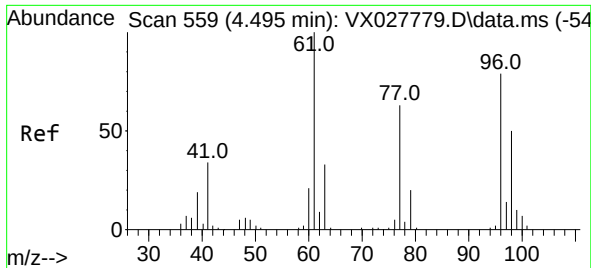
Tgt Ion: 43 Resp: 353

Ion Ratio Lower Upper

43 100

58 38.1 28.8 43.2





#27

cis-1,2-Dichloroethene

Concen: 1.018 ug/l

RT: 4.495 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX027886.D

Acq: 01 Apr 2022 17:09

Instrument :

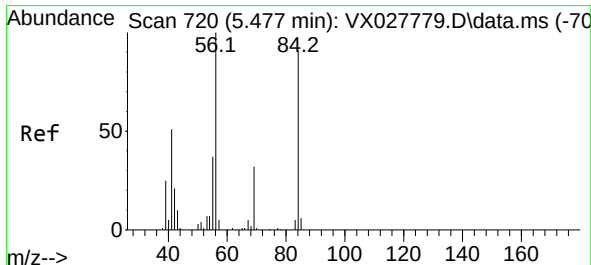
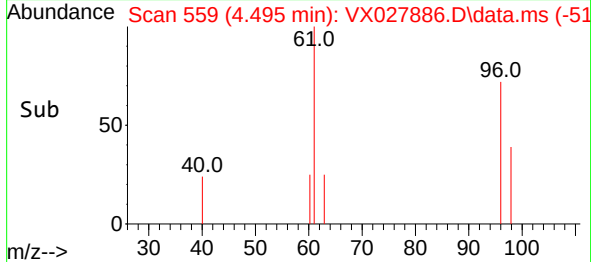
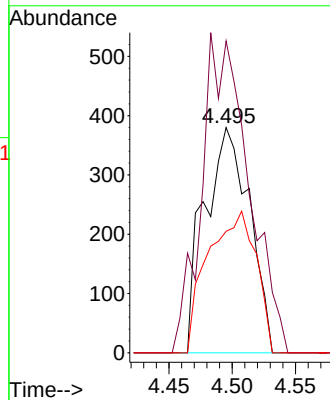
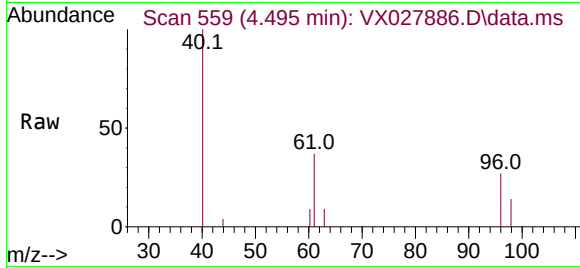
MSVOA_X

ClientSampleId :

RE131D2-20220319DL

Tgt Ion: 96 Resp: 941

Ion	Ratio	Lower	Upper
96	100		
61	147.3	0.0	283.8
98	0.0	0.0	129.8



#31

Cyclohexane

Concen: 1.663 ug/l

RT: 5.544 min Scan# 731

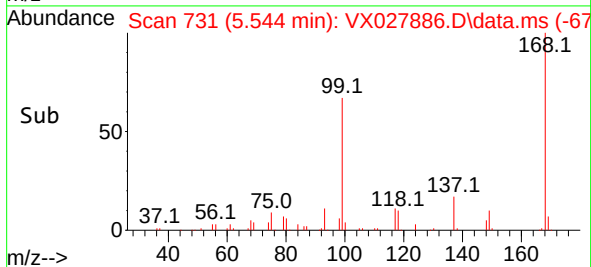
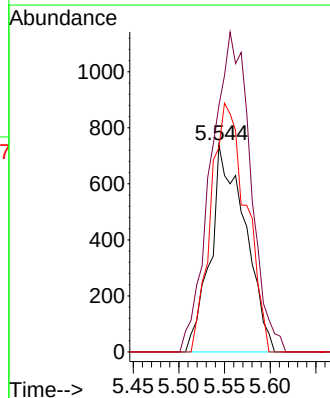
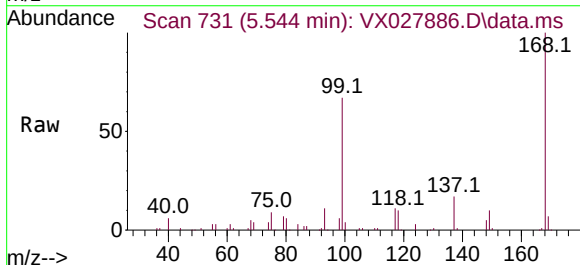
Delta R.T. 0.067 min

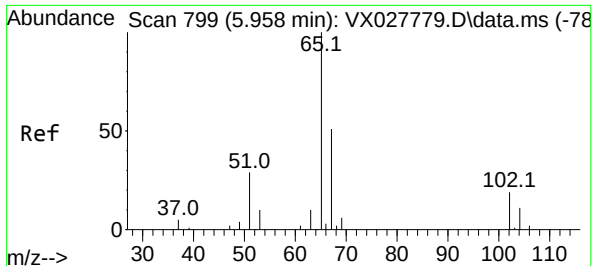
Lab File: VX027886.D

Acq: 01 Apr 2022 17:09

Tgt Ion: 56 Resp: 1950

Ion	Ratio	Lower	Upper
56	100		
69	119.1	26.7	40.1#
84	98.6	77.2	115.8





#33

1,2-Dichloroethane-d4

Concen: 53.380 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX027886.D

Acq: 01 Apr 2022 17:09

Instrument :

MSVOA_X

ClientSampleId :

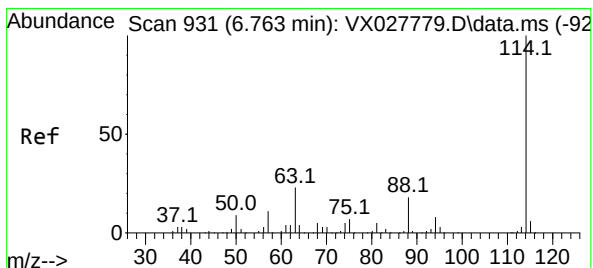
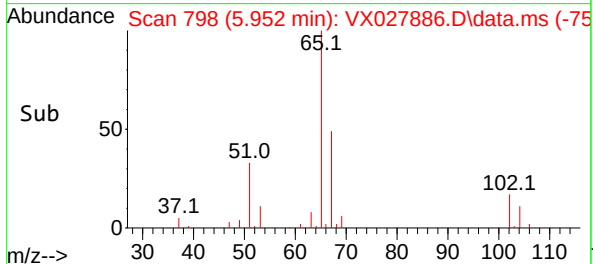
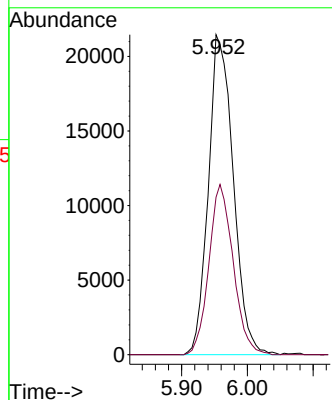
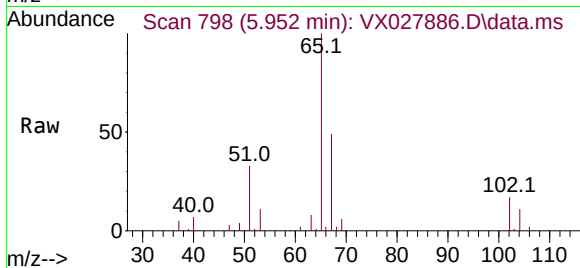
RE131D2-20220319DL

Tgt Ion: 65 Resp: 56610

Ion Ratio Lower Upper

65 100

67 51.8 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX027886.D

Acq: 01 Apr 2022 17:09

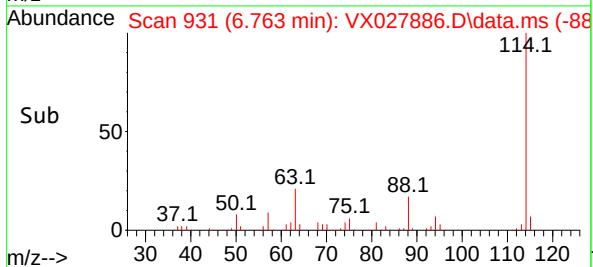
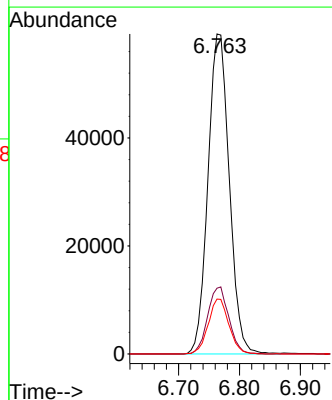
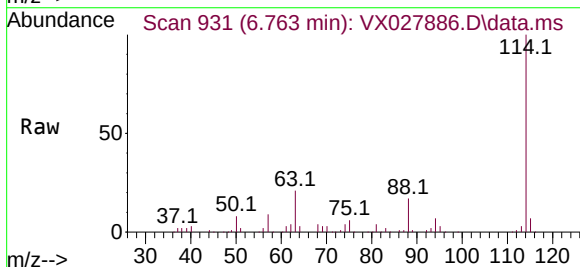
Tgt Ion: 114 Resp: 143990

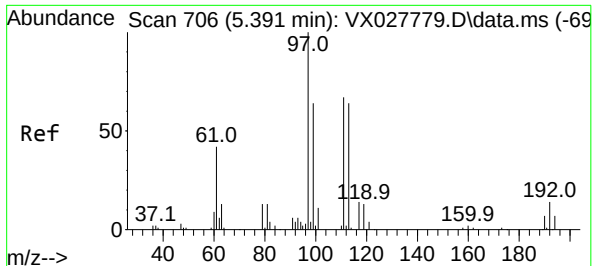
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.8

88 17.2 0.0 32.4





#35

Dibromofluoromethane

Concen: 51.051 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX027886.D

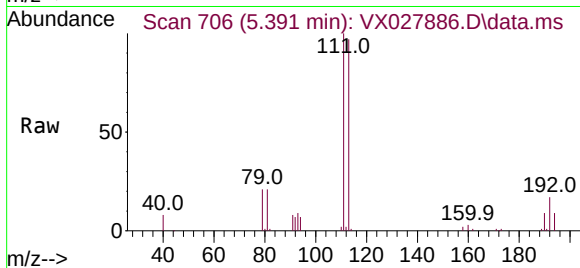
Acq: 01 Apr 2022 17:09

Instrument :

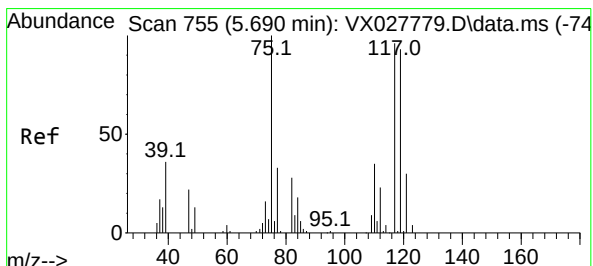
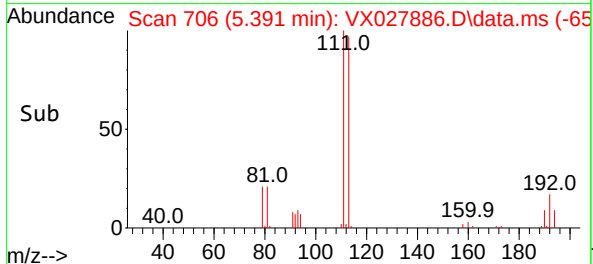
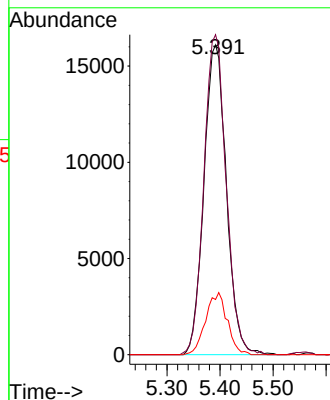
MSVOA_X

ClientSampleId :

RE131D2-20220319DL



Tgt Ion:	113	Resp:	47448
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	19.3	16.9	25.3



#36

1,1-Dichloropropene

Concen: 5.615 ug/l

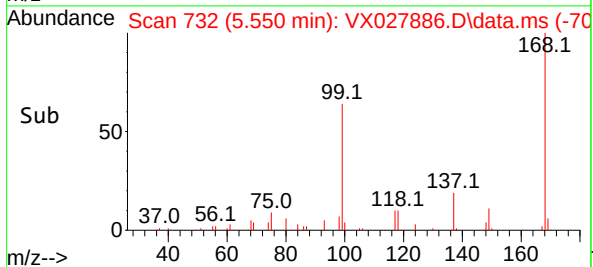
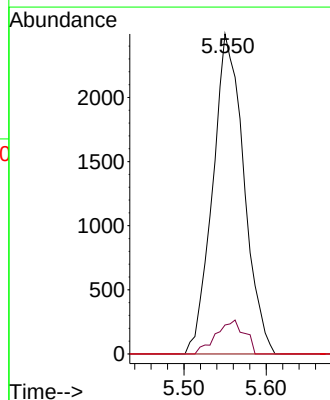
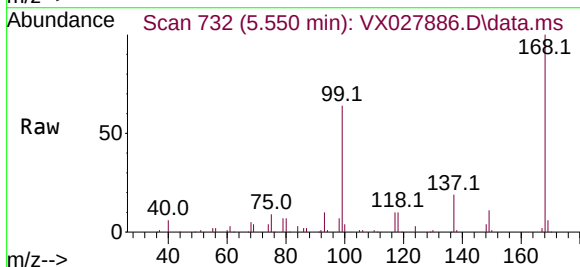
RT: 5.550 min Scan# 732

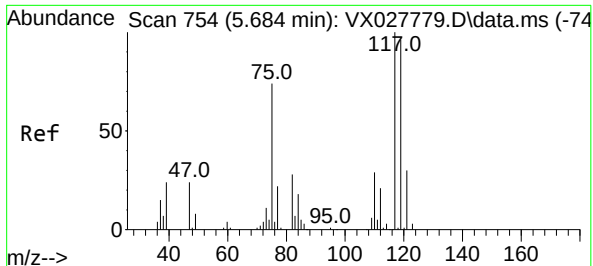
Delta R.T. -0.140 min

Lab File: VX027886.D

Acq: 01 Apr 2022 17:09

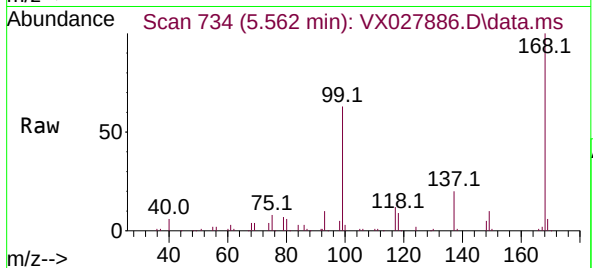
Tgt Ion:	75	Resp:	6573
Ion	Ratio	Lower	Upper
75	100		
110	9.6	18.3	54.8#
77	0.0	24.8	37.2#



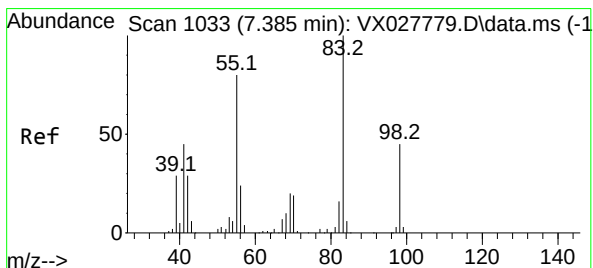
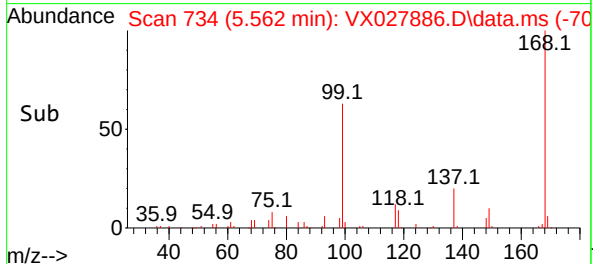
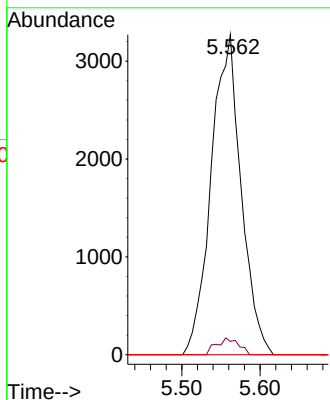


#38
Carbon Tetrachloride
Concen: 6.715 ug/l
RT: 5.562 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220319DL

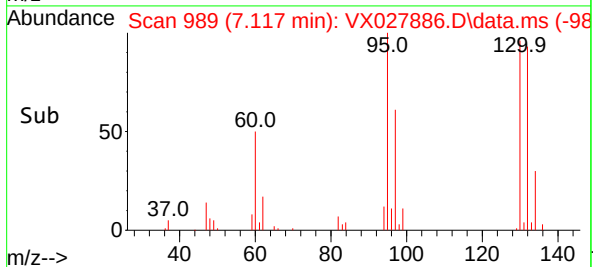
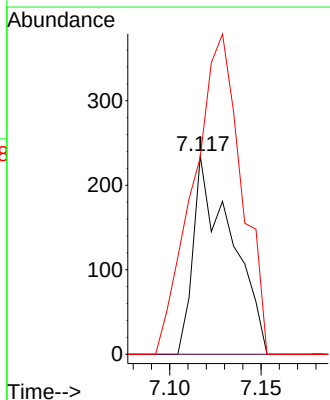
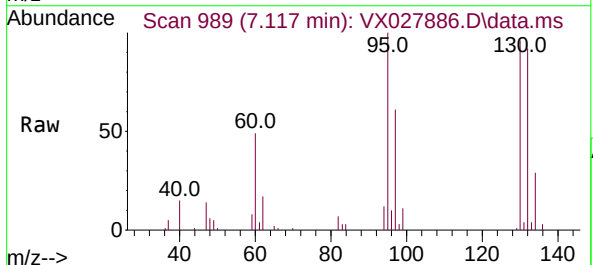


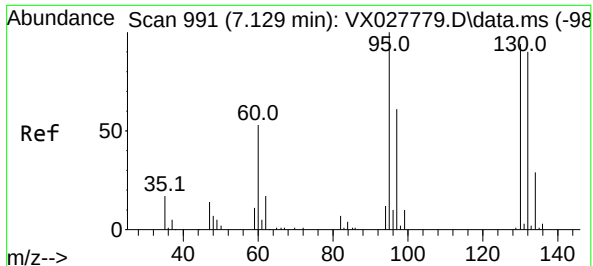
Tgt Ion:117 Resp: 8684
Ion Ratio Lower Upper
117 100
119 4.2 77.3 115.9#
121 0.0 24.2 36.2#



#39
Methylcyclohexane
Concen: 0.245 ug/l
RT: 7.117 min Scan# 989
Delta R.T. -0.268 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Tgt Ion: 83 Resp: 338
Ion Ratio Lower Upper
83 100
55 0.0 54.6 81.8#
98 99.1 37.4 56.2#

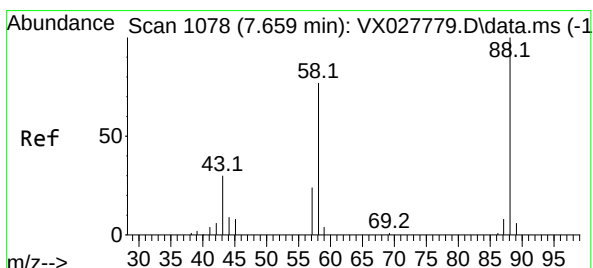
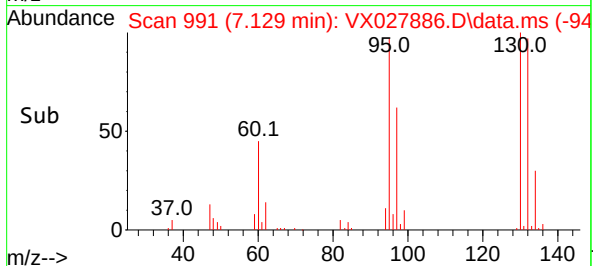
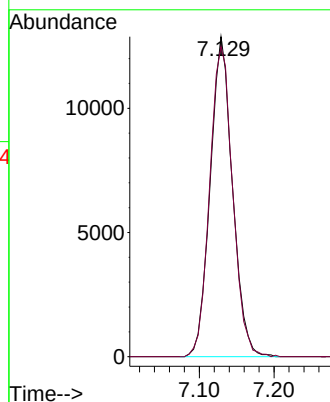
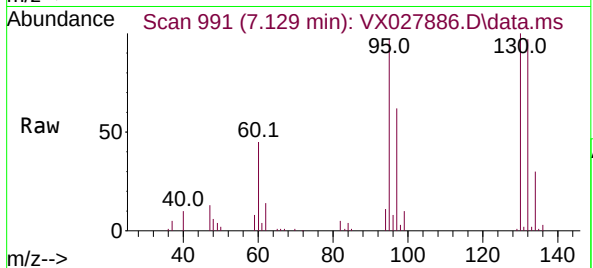




#44
Trichloroethene
Concen: 27.684 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

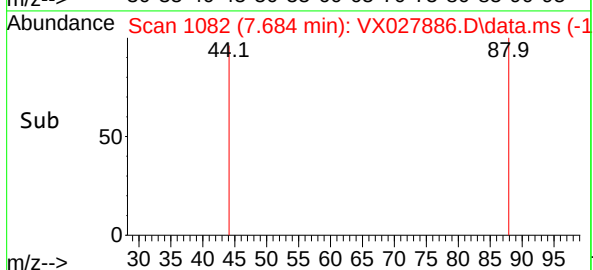
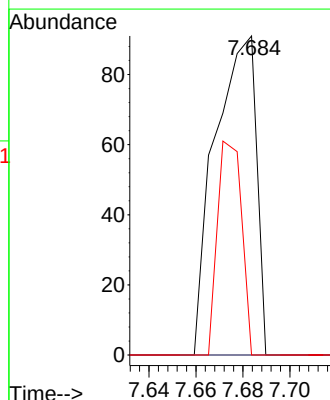
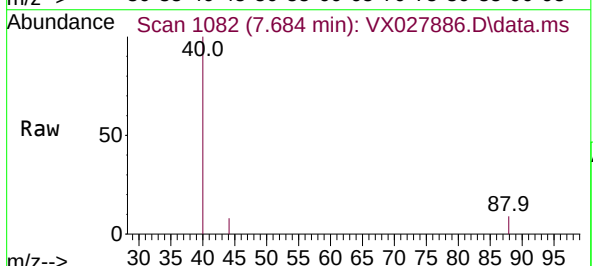
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220319DL

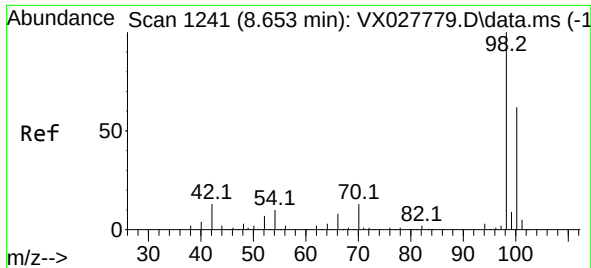
Tgt Ion:130 Resp: 26689
Ion Ratio Lower Upper
130 100
95 96.8 0.0 188.8



#49
1,4-Dioxane
Concen: 4.613 ug/l
RT: 7.684 min Scan# 1082
Delta R.T. 0.025 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Tgt Ion: 88 Resp: 111
Ion Ratio Lower Upper
88 100
43 0.0 21.9 32.9#
58 39.6 53.7 80.5#

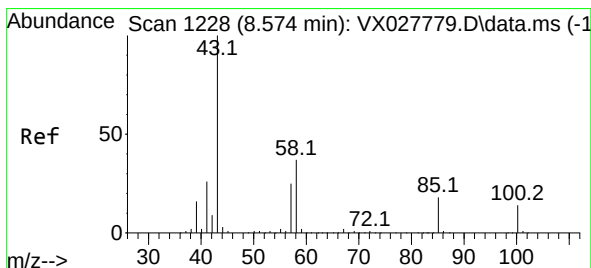
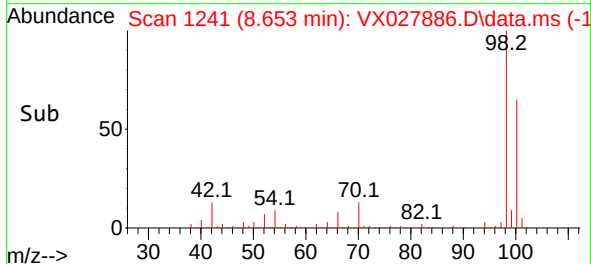
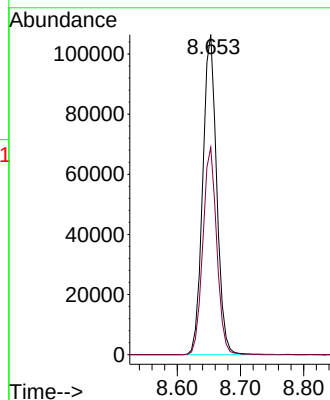
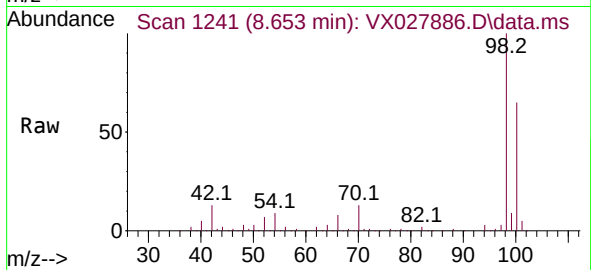




#50
Toluene-d8
Concen: 50.000 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

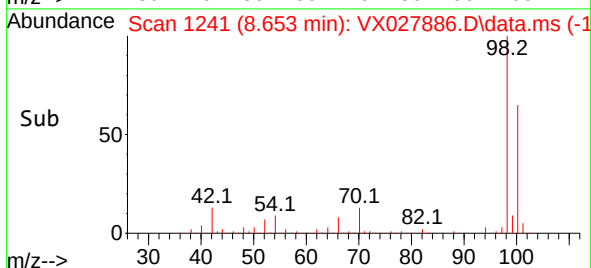
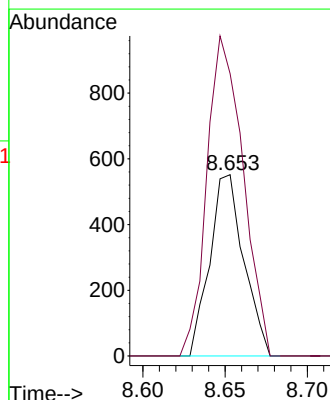
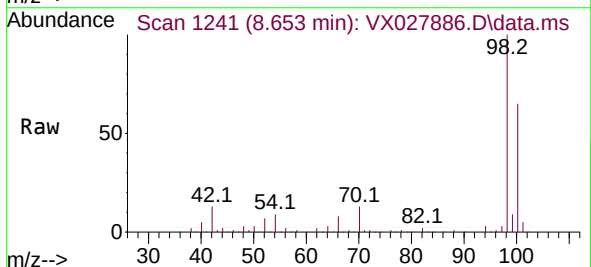
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220319DL

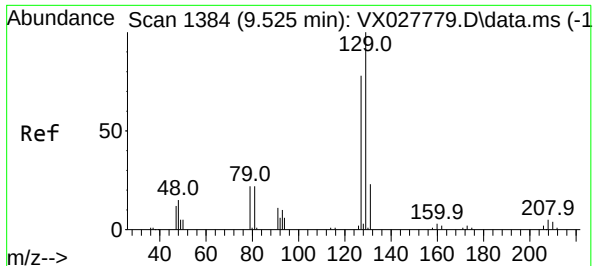
Tgt Ion: 98 Resp: 163506
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 0.492 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.079 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Tgt Ion: 43 Resp: 794
Ion Ratio Lower Upper
43 100
58 187.5 36.1 54.1#

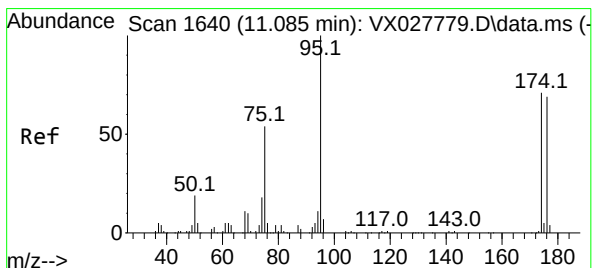
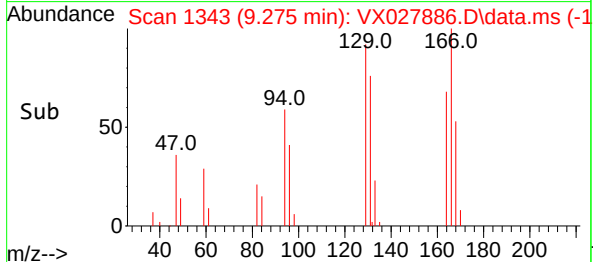
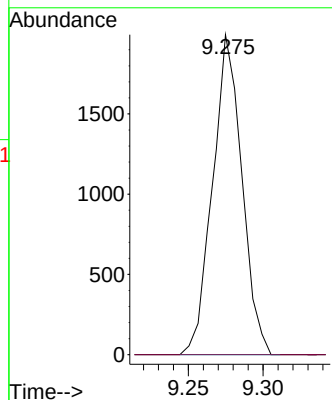
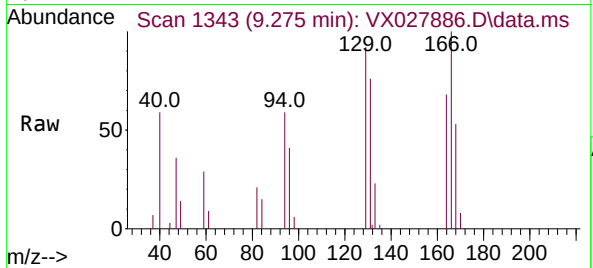




#60
Dibromochloromethane
Concen: 2.640 ug/l
RT: 9.275 min Scan# 11
Delta R.T. -0.250 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

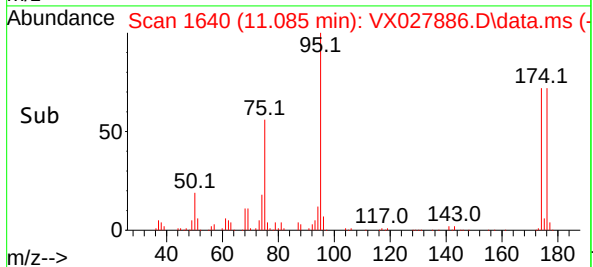
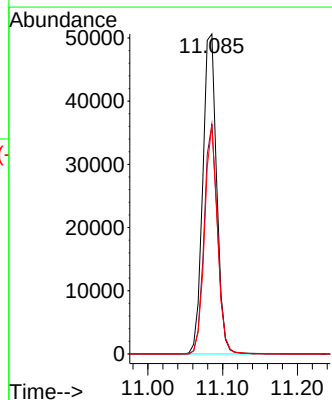
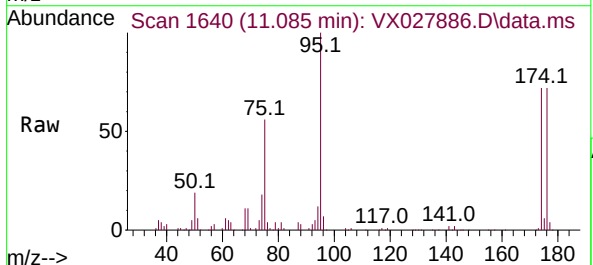
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220319DL

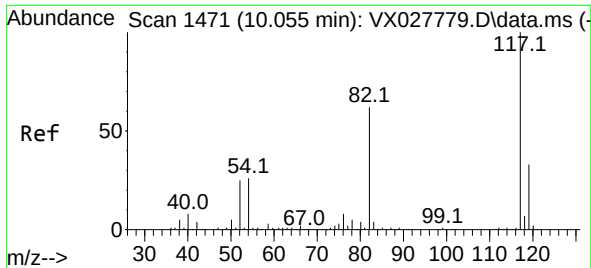
Tgt Ion:129 Resp: 2713
Ion Ratio Lower Upper
129 100
127 0.0 40.3 120.8#



#62
4-Bromofluorobenzene
Concen: 47.068 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Tgt Ion: 95 Resp: 65409
Ion Ratio Lower Upper
95 100
174 68.9 0.0 163.0
176 66.3 0.0 155.0

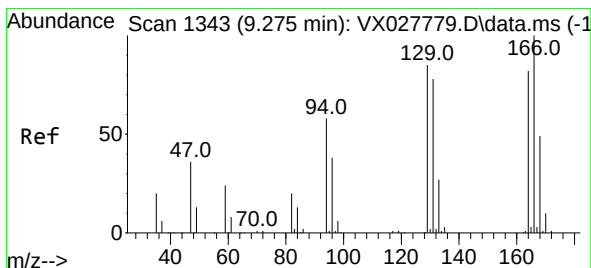
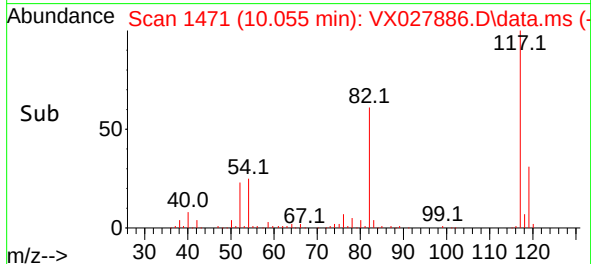
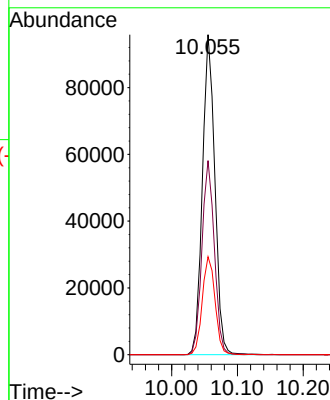
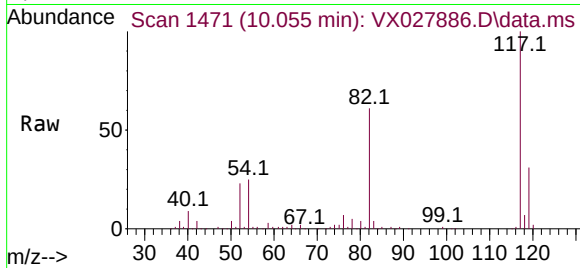




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

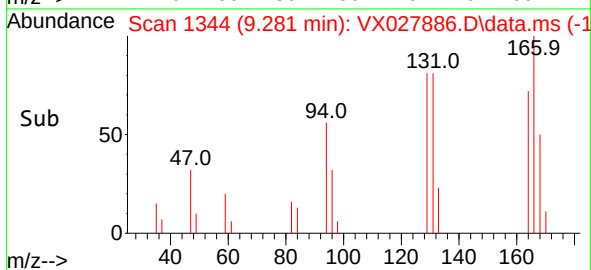
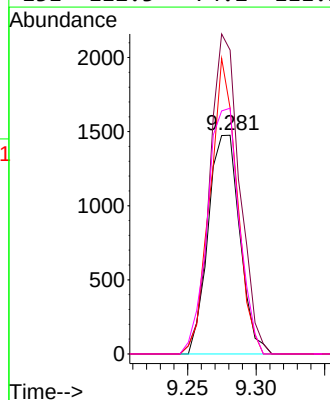
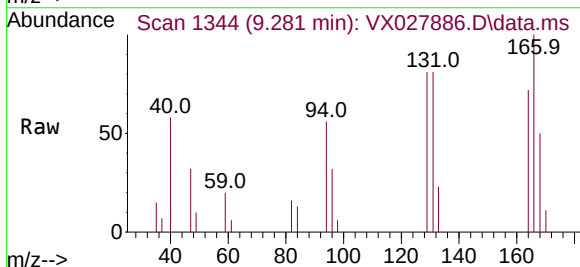
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220319DL

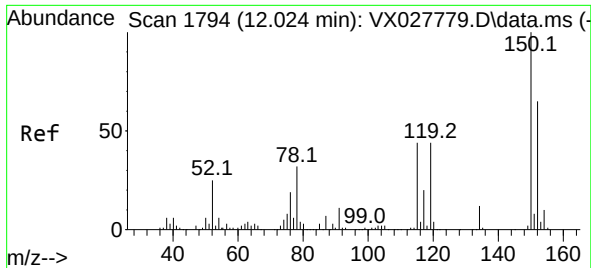
Tgt Ion:117 Resp: 125792
Ion Ratio Lower Upper
117 100
82 60.7 41.8 62.8
119 30.6 24.8 37.2



#64
Tetrachloroethene
Concen: 2.776 ug/l
RT: 9.281 min Scan# 1344
Delta R.T. 0.006 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Tgt Ion:164 Resp: 2368
Ion Ratio Lower Upper
164 100
166 138.9 101.2 151.8
129 112.3 73.0 109.4#
131 112.3 74.2 111.2#

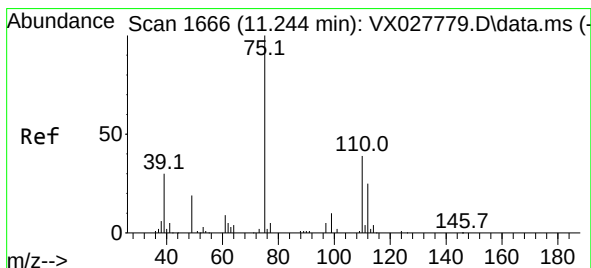
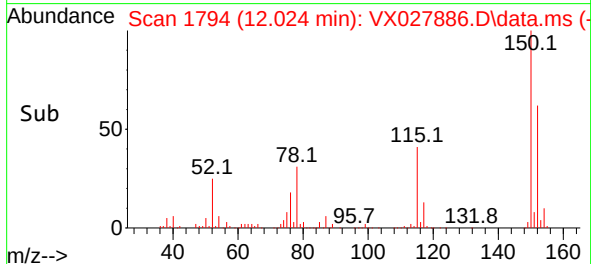
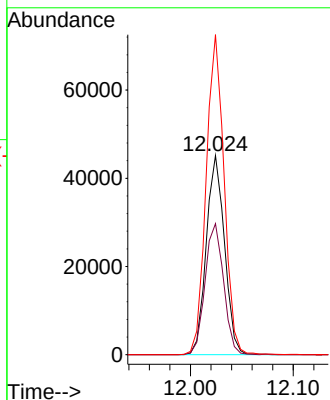
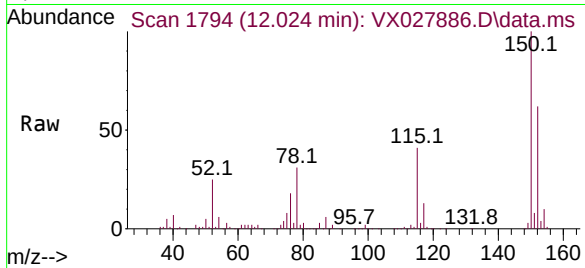




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

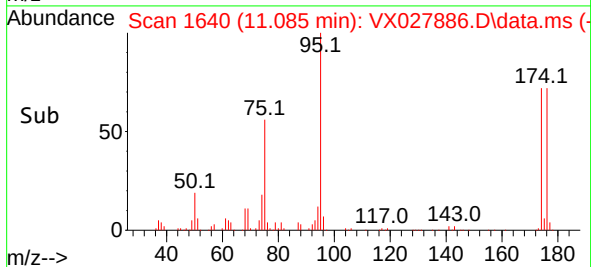
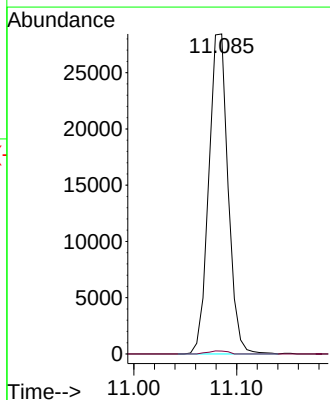
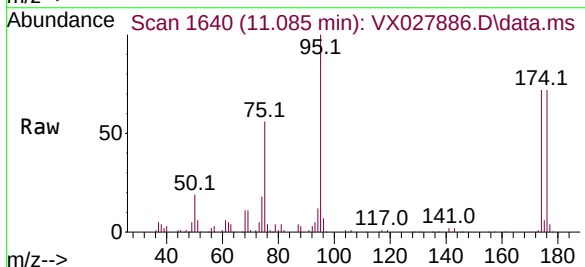
Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220319DL

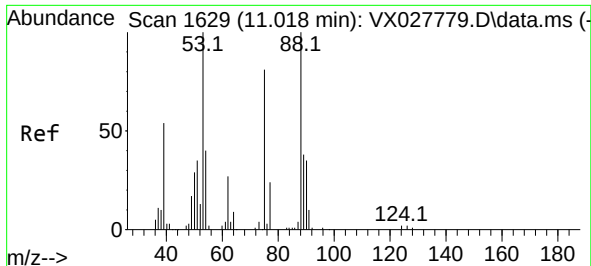
Tgt Ion:152 Resp: 55686
Ion Ratio Lower Upper
152 100
115 66.8 37.5 112.7
150 157.9 0.0 338.2



#76
1,2,3-Trichloropropane
Concen: 28.358 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.159 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Tgt Ion: 75 Resp: 37044
Ion Ratio Lower Upper
75 100
77 1.0 19.4 58.2#

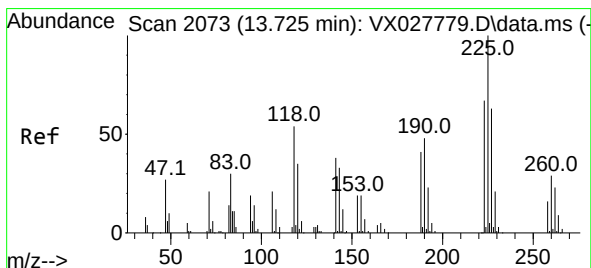
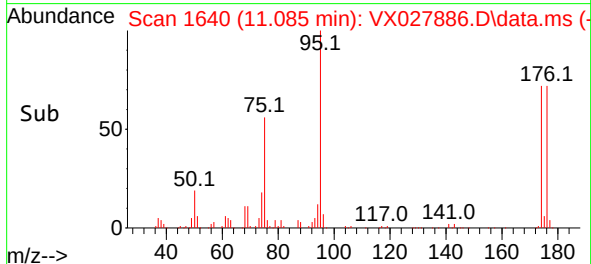
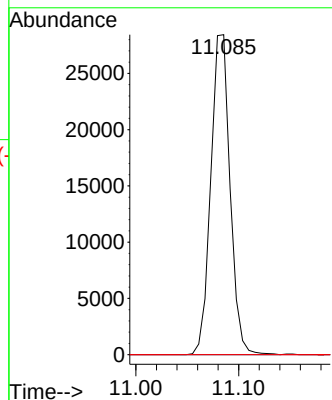
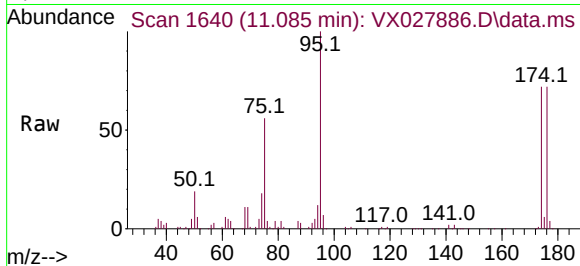




#81
trans-1,4-Dichloro-2-butene
Concen: 82.792 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Instrument :
MSVOA_X
ClientSampleId :
RE131D2-20220319DL

Tgt Ion: 75 Resp: 37044
Ion Ratio Lower Upper
75 100
53 0.0 69.0 103.4#
89 0.0 37.0 55.6#



#94
Hexachlorobutadiene
Concen: 0.851 ug/l
RT: 13.731 min Scan# 2074
Delta R.T. 0.006 min
Lab File: VX027886.D
Acq: 01 Apr 2022 17:09

Tgt Ion: 225 Resp: 19
Ion Ratio Lower Upper
225 100
223 0.0 34.2 102.5#
227 0.0 33.9 101.7#

