

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
 Data File : VX031137.D
 Acq On : 06 Sep 2022 18:46
 Operator : JC/MD
 Sample : N4489-05DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0068DL

Quant Time: Sep 06 19:11:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X090122W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 02:49:21 2022
 Response via : Initial Calibration

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

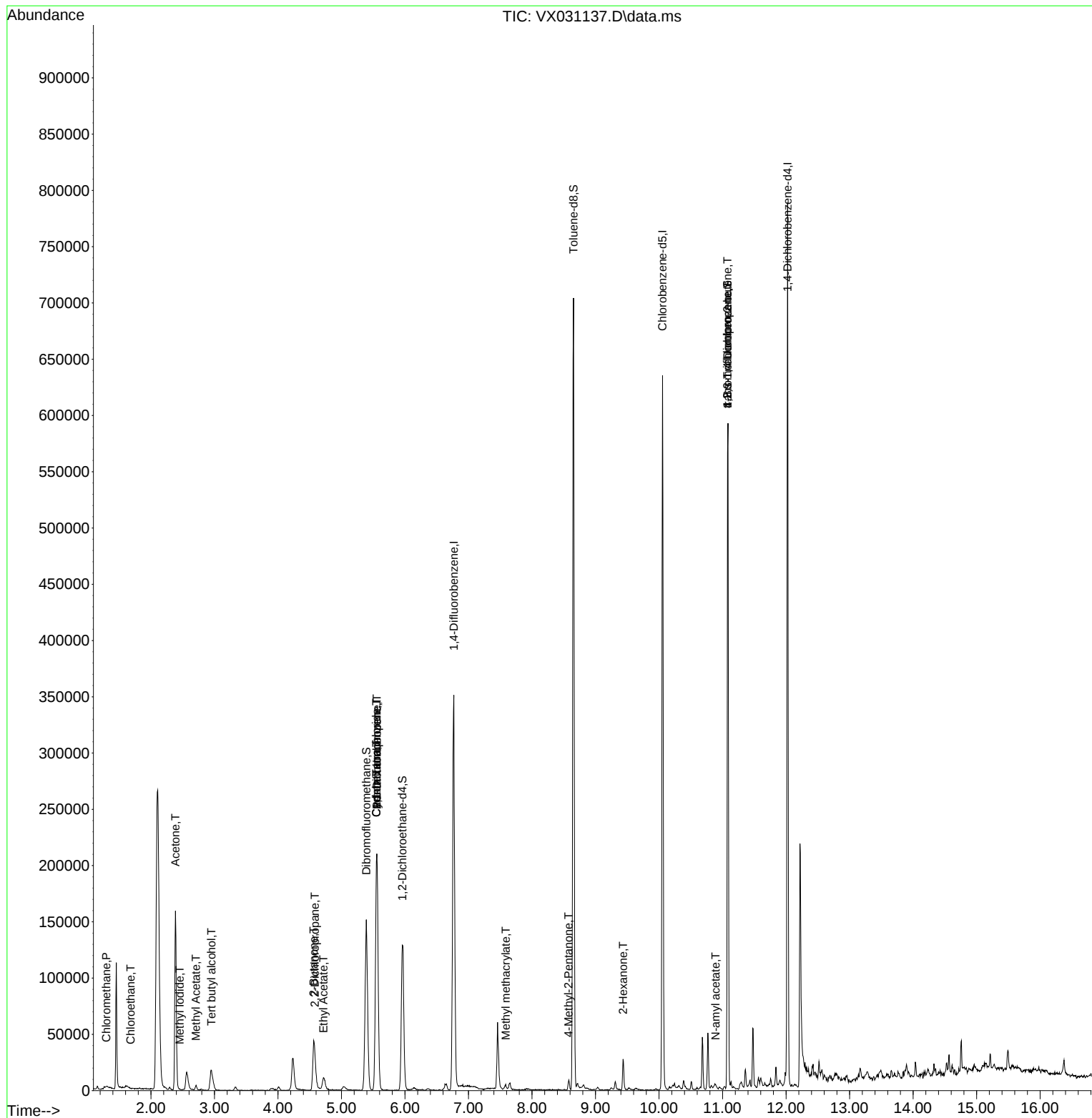
Internal Standards						
1) Pentafluorobenzene	5.556	168	217416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	373778	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	312341	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	135751	48.526	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	97.060%		
35) Dibromofluoromethane	5.391	113	128362	47.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.120%		
50) Toluene-d8	8.653	98	452364	45.061	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	90.120%		
62) 4-Bromofluorobenzene	11.079	95	165608	46.706	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	93.420%		
Target Compounds					Qvalue	
3) Chloromethane	1.294	50	194	0.790	ug/l #	81
6) Chloroethane	1.678	64	107	1.801	ug/l #	41
10) Methyl Iodide	2.453	142	189	2.979	ug/l #	45
11) Tert butyl alcohol	2.953	59	17878	11.078	ug/l #	74
16) Acetone	2.386	43	163488	151.383	ug/l	98
18) Methyl Acetate	2.709	43	4205	1.355	ug/l #	81
20) Methylene Chloride	2.788	84	478	Below Cal	#	70
25) 2-Butanone	4.562	43	63743	38.232	ug/l #	85
26) 2,2-Dichloropropane	4.580	77	737	0.203	ug/l #	49
31) Cyclohexane	5.550	56	3283	0.859	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	14588	3.818	ug/l #	49
37) Ethyl Acetate	4.714	43	17871	5.383	ug/l #	91
38) Carbon Tetrachloride	5.550	117	21488	5.418	ug/l #	19
48) Methyl methacrylate	7.586	41	1505	0.575	ug/l #	39
51) 4-Methyl-2-Pentanone	8.574	43	4739	1.421	ug/l #	85
59) 2-Hexanone	9.433	43	12658	5.019	ug/l	79
74) N-amyl acetate	10.890	43	1067	0.270	ug/l #	32
76) 1,2,3-Trichloropropane	11.079	75	77606	20.226	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	77606	63.565	ug/l #	12

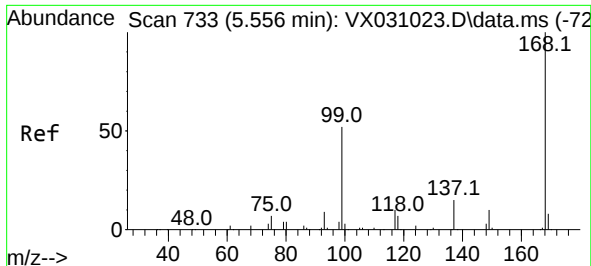
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Sep 02 02:49:21 2022
Response via : Initial Calibration

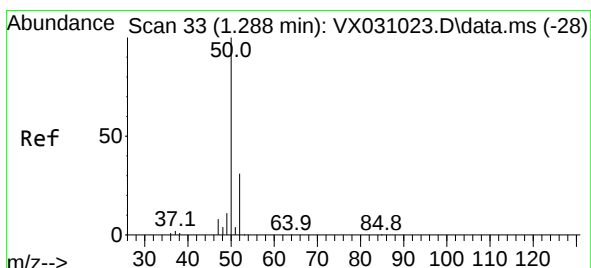
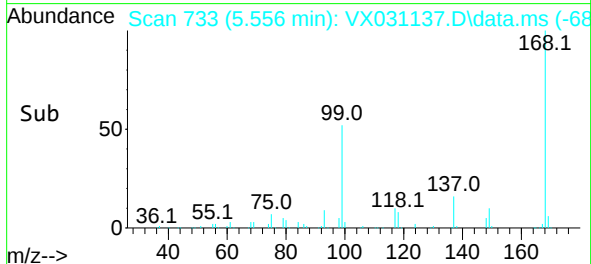
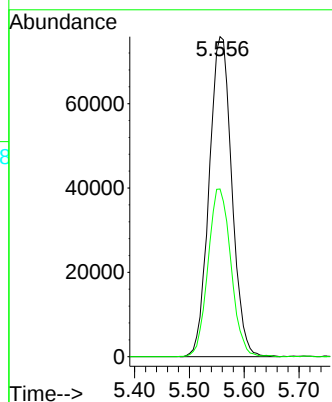
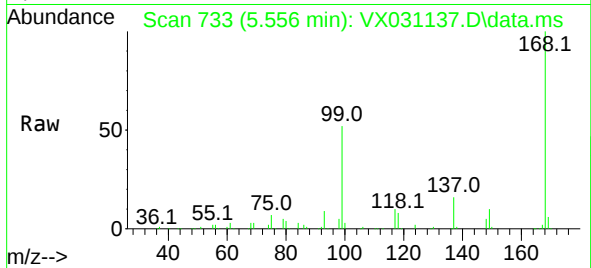




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

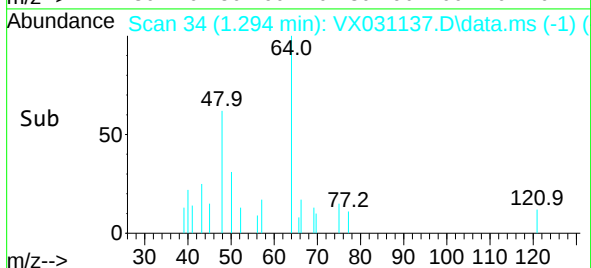
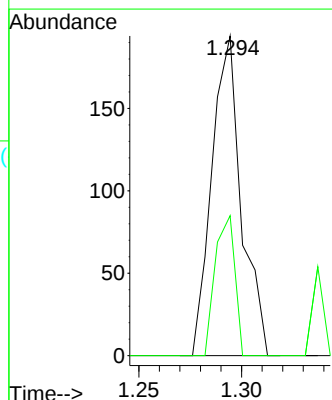
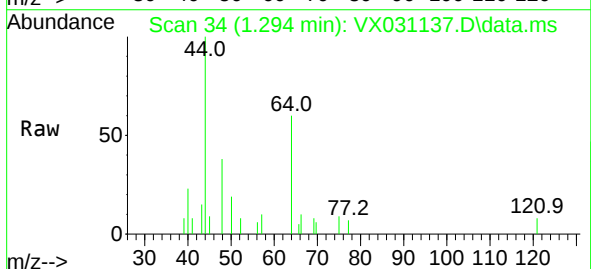
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068DL

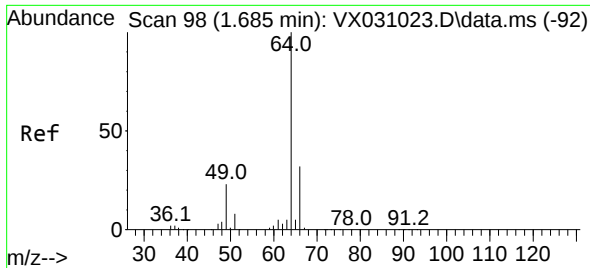
Tgt Ion:168 Resp: 217416
Ion Ratio Lower Upper
168 100
99 52.4 44.0 66.0



#3
Chloromethane
Concen: 0.790 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 43.8 26.3 39.5#

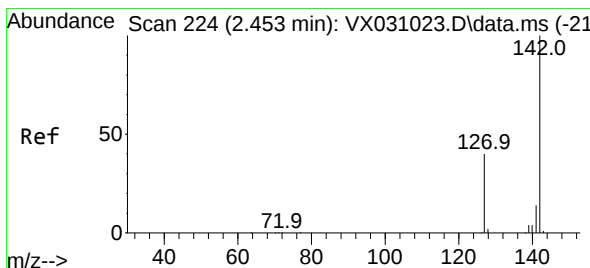
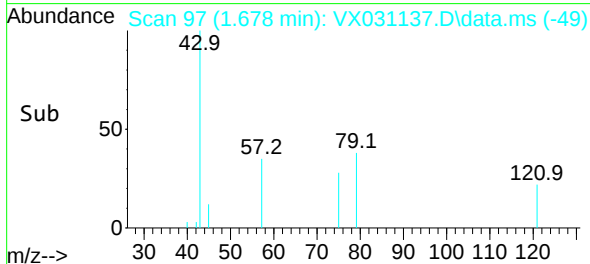
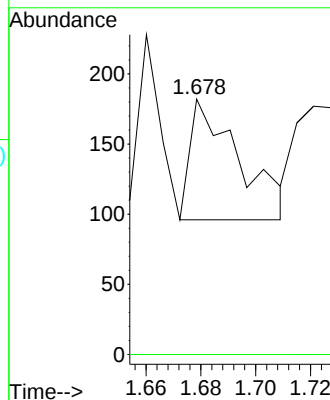
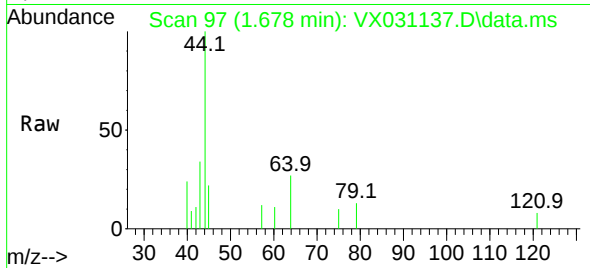




#6
Chloroethane
Concen: 1.801 ug/l
RT: 1.678 min Scan# 91
Delta R.T. -0.007 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

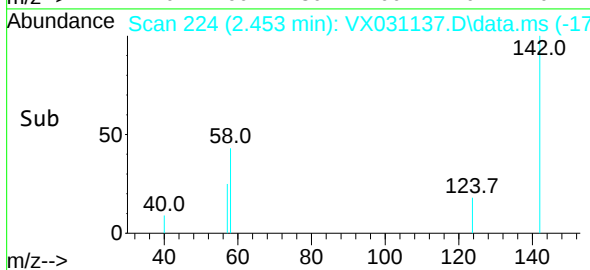
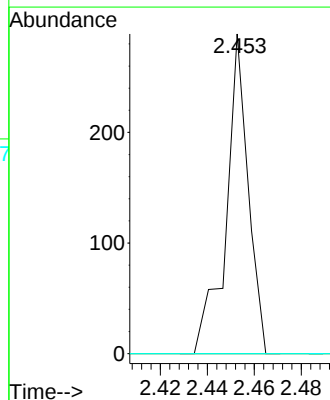
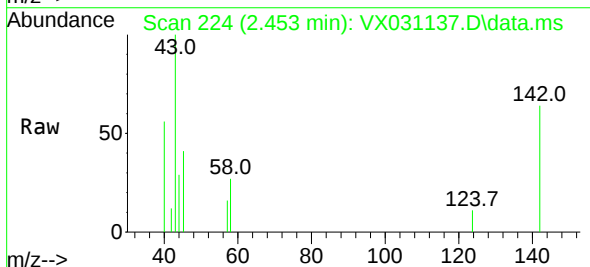
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068DL

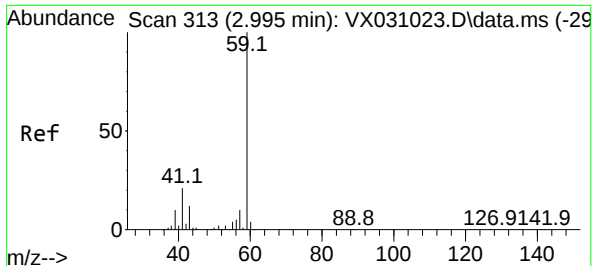
Tgt Ion: 64 Resp: 107
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.979 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 142 Resp: 189
Ion Ratio Lower Upper
142 100
127 0.0 30.2 45.2#
141 0.0 11.3 16.9#





#11

Tert butyl alcohol

Concen: 11.078 ug/l

RT: 2.953 min Scan# 306

Delta R.T. -0.036 min

Lab File: VX031137.D

Acq: 06 Sep 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

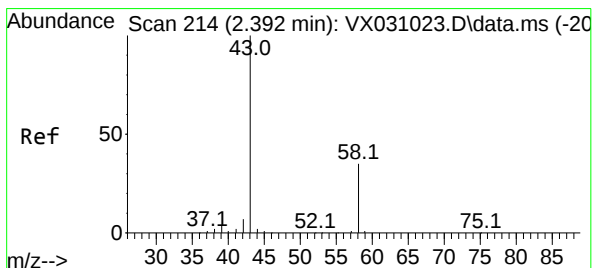
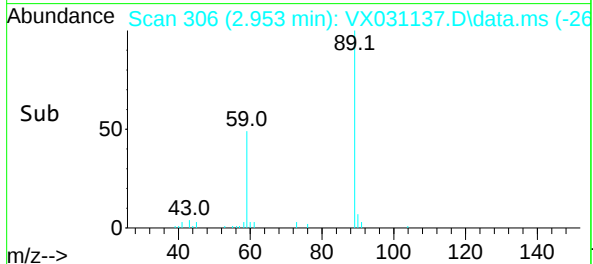
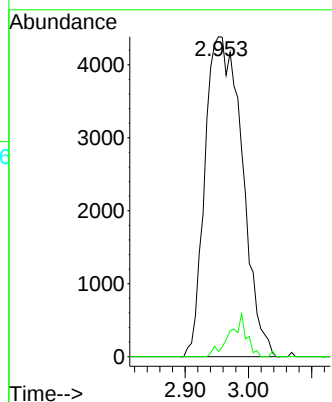
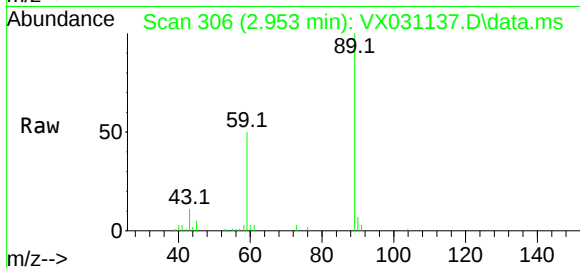
ORA-0068DL

Tgt Ion: 59 Resp: 17878

Ion Ratio Lower Upper

59 100

57 0.0 7.4 11.2#



#16

Acetone

Concen: 151.383 ug/l

RT: 2.386 min Scan# 213

Delta R.T. -0.000 min

Lab File: VX031137.D

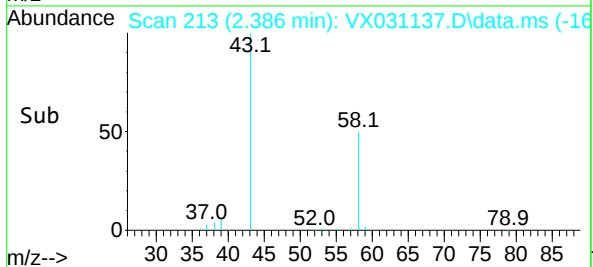
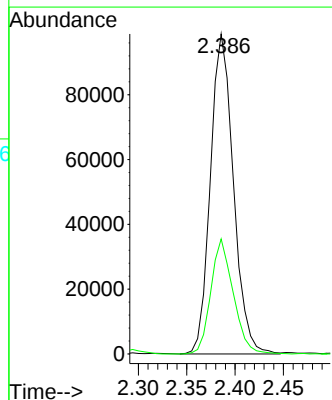
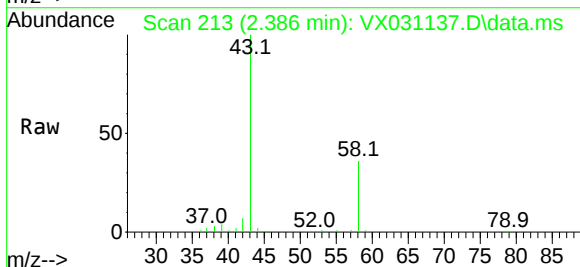
Acq: 06 Sep 2022 18:46

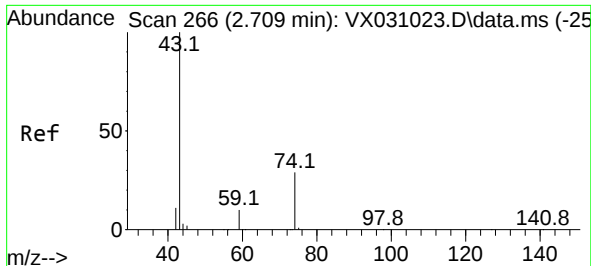
Tgt Ion: 43 Resp: 163488

Ion Ratio Lower Upper

43 100

58 35.9 27.7 41.5

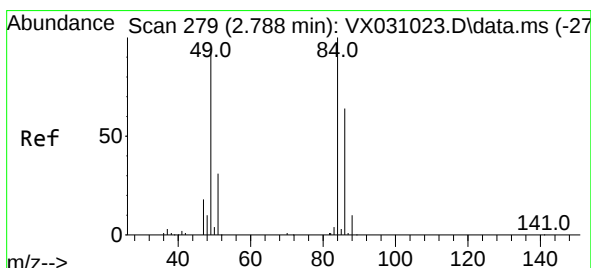
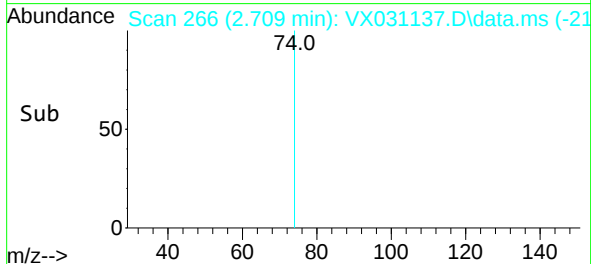
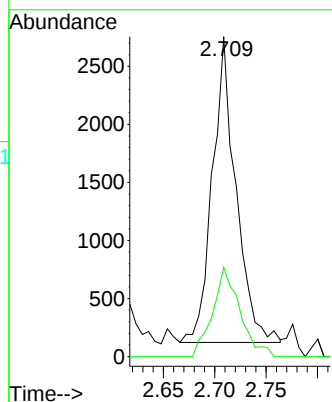
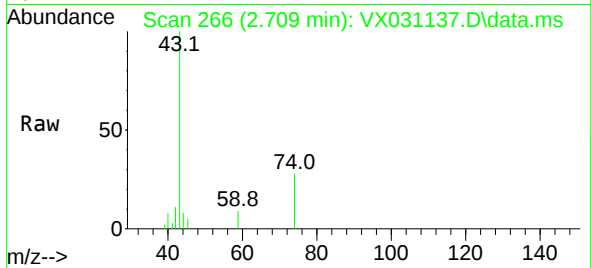




#18
Methyl Acetate
Concen: 1.355 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

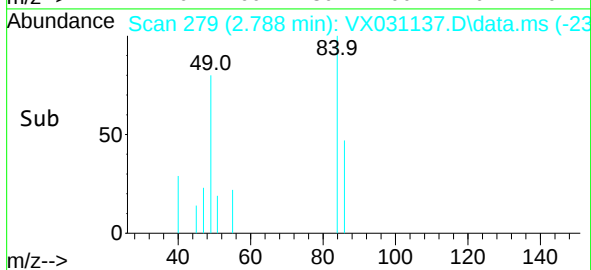
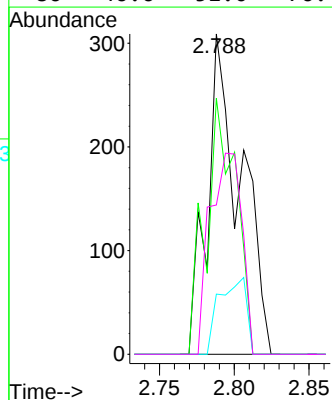
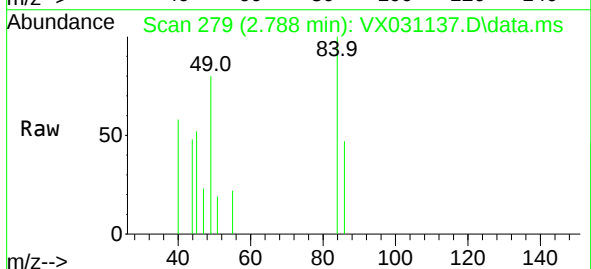
Instrument :
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ClientSampleId :
ORA-0068DL

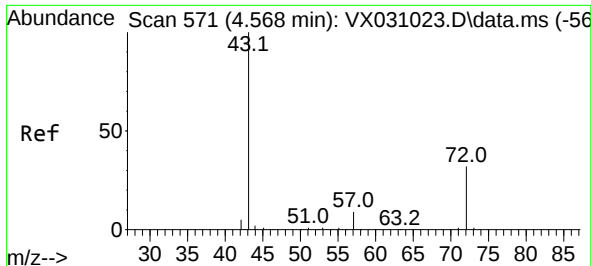
Tgt Ion: 43 Resp: 4205
Ion Ratio Lower Upper
43 100
74 33.7 19.4 29.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 84 Resp: 478
Ion Ratio Lower Upper
84 100
49 79.9 93.8 140.6#
51 18.8 29.4 44.0#
86 46.6 51.0 76.4#

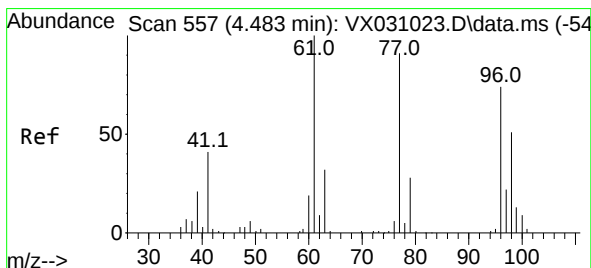
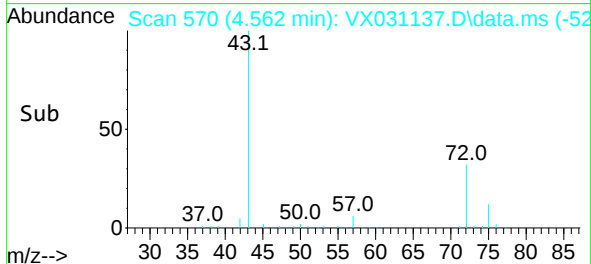
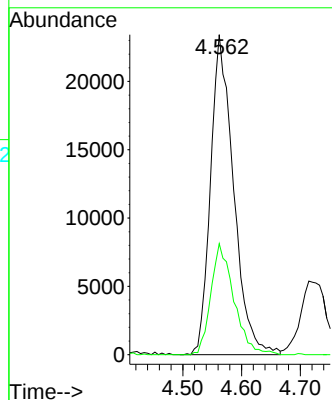
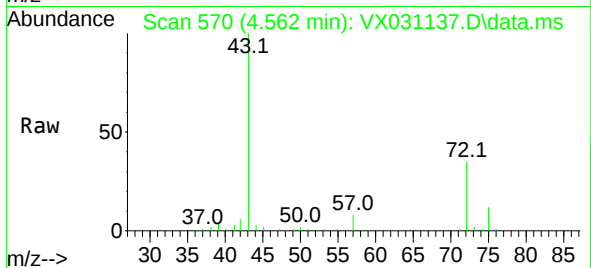




#25
2-Butanone
Concen: 38.232 ug/l
RT: 4.562 min Scan# 51
Delta R.T. -0.006 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

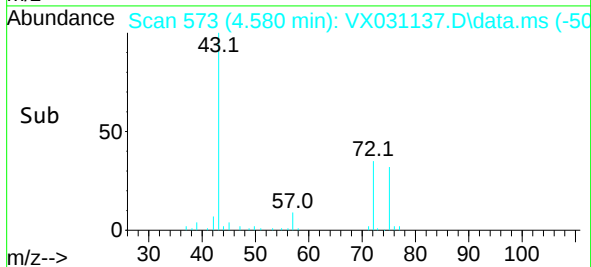
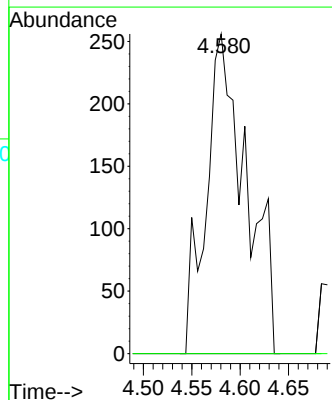
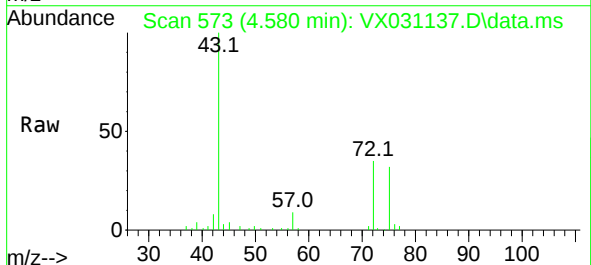
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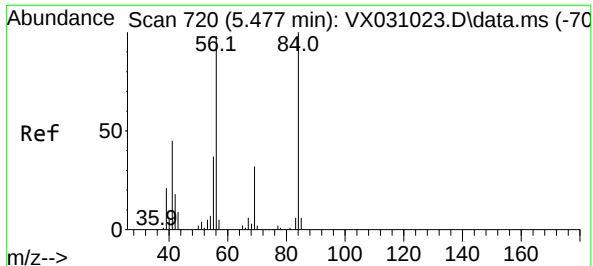
Tgt Ion: 43 Resp: 63743
Ion Ratio Lower Upper
43 100
72 34.7 21.7 32.5#



#26
2,2-Dichloropropane
Concen: 0.203 ug/l
RT: 4.580 min Scan# 573
Delta R.T. 0.103 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 77 Resp: 737
Ion Ratio Lower Upper
77 100
97 0.0 13.0 39.0#

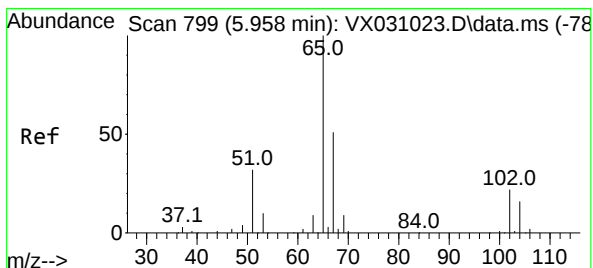
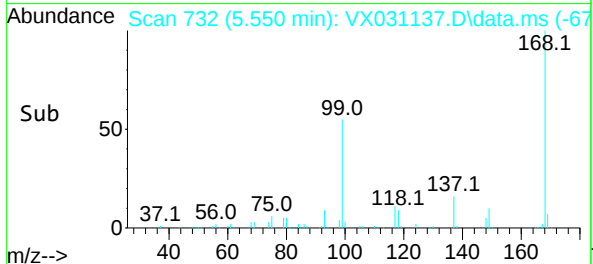
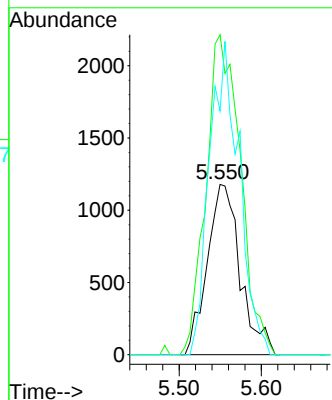
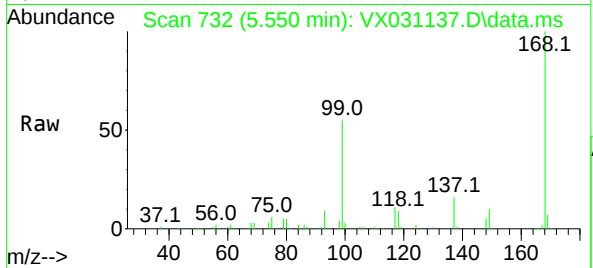




#31
Cyclohexane
Concen: 0.859 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.073 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

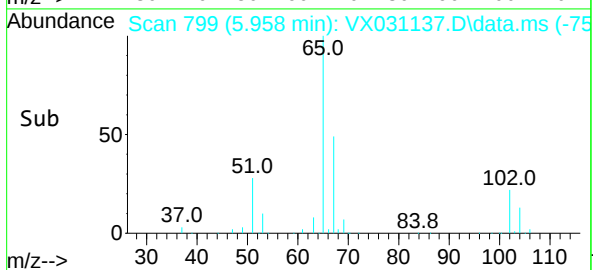
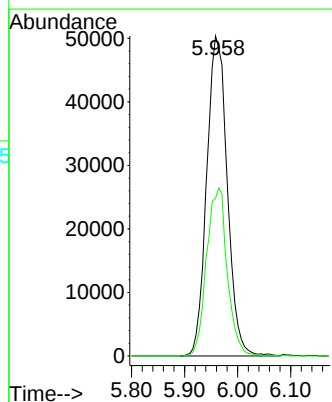
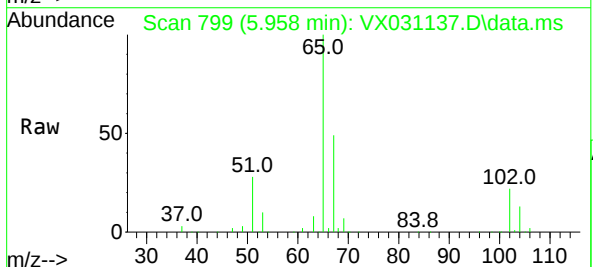
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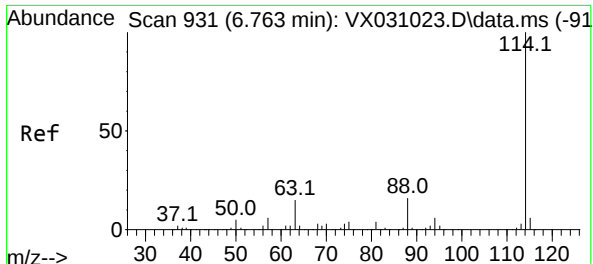
Tgt Ion: 56 Resp: 3283
Ion Ratio Lower Upper
56 100
69 187.9 25.4 38.0#
84 153.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 48.526 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 65 Resp: 135751
Ion Ratio Lower Upper
65 100
67 52.7 0.0 109.6

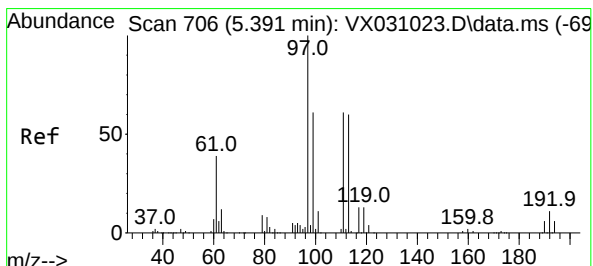
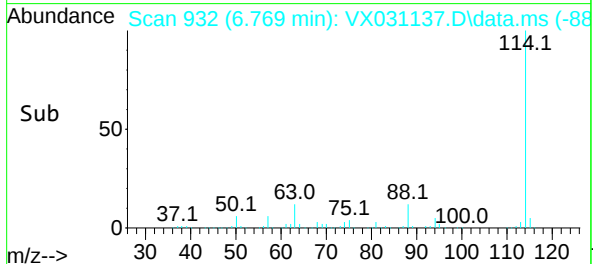
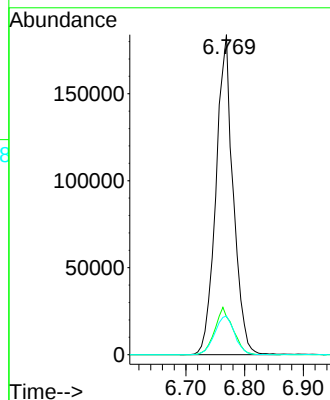
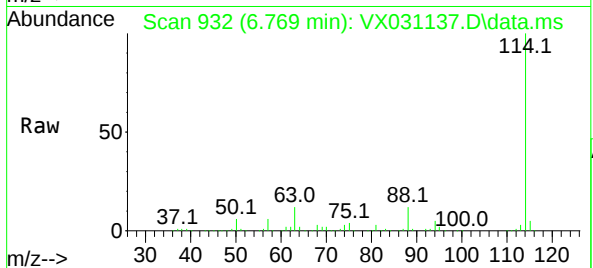




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

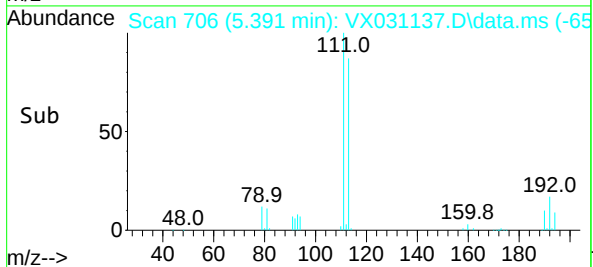
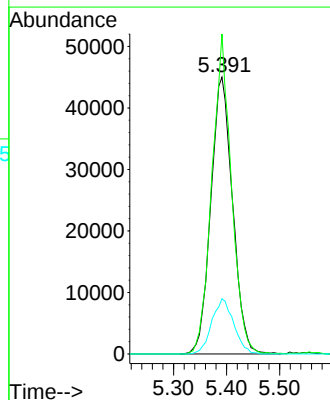
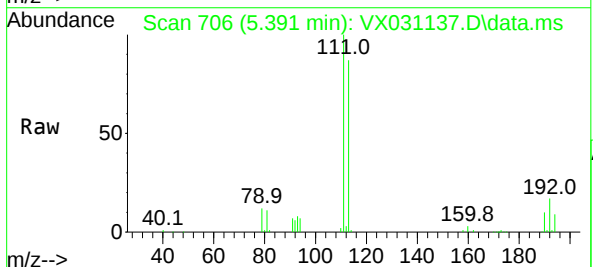
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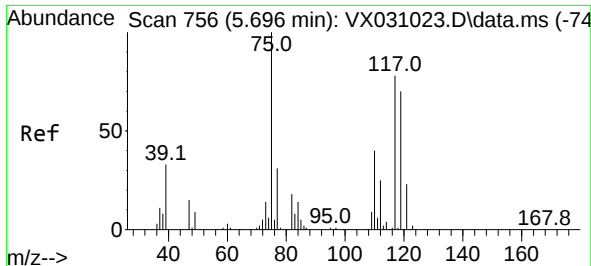
Tgt Ion:114 Resp: 373778
Ion Ratio Lower Upper
114 100
63 11.8 0.0 38.4
88 12.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 47.059 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion:113 Resp: 128362
Ion Ratio Lower Upper
113 100
111 103.8 83.2 124.8
192 20.1 14.8 22.2

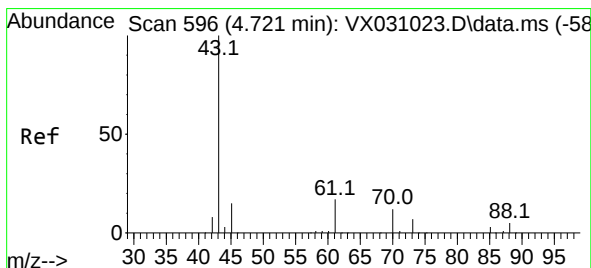
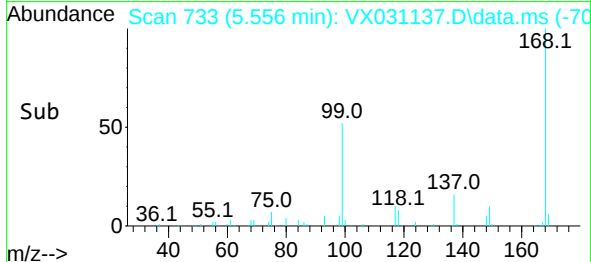
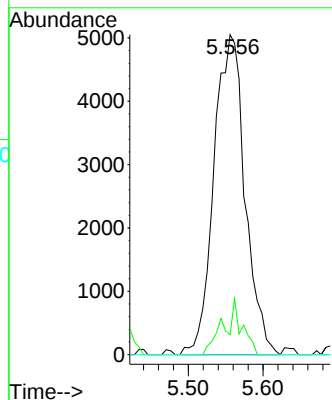
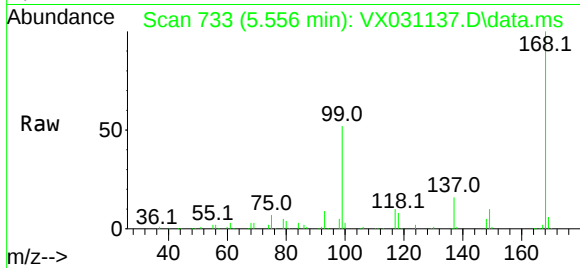




#36
1,1-Dichloropropene
Concen: 3.818 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

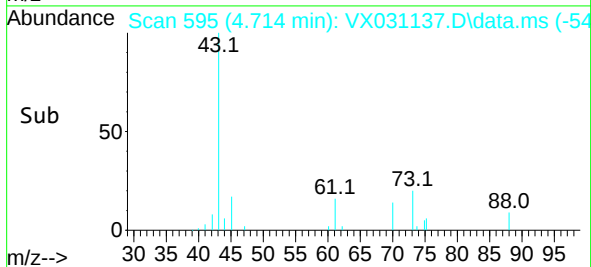
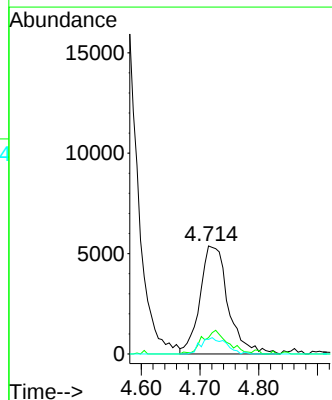
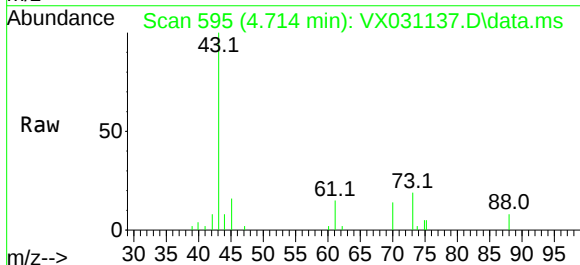
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068DL

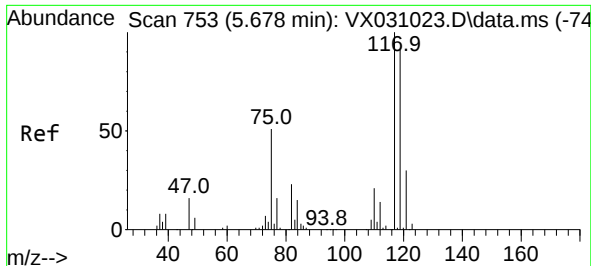
Tgt Ion: 75 Resp: 14588
Ion Ratio Lower Upper
75 100
110 10.3 19.3 57.9#
77 0.0 24.4 36.6#



#37
Ethyl Acetate
Concen: 5.383 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.007 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 43 Resp: 17871
Ion Ratio Lower Upper
43 100
61 19.4 11.7 17.5#
70 13.6 9.3 13.9

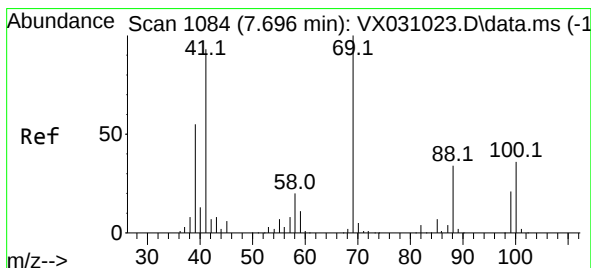
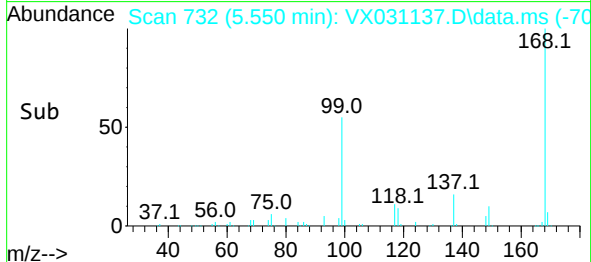
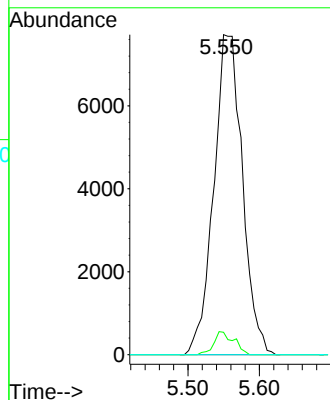
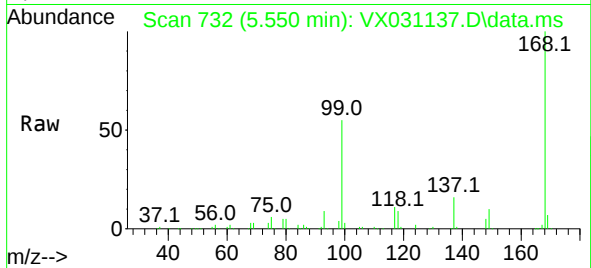




#38
Carbon Tetrachloride
Concen: 5.418 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.134 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

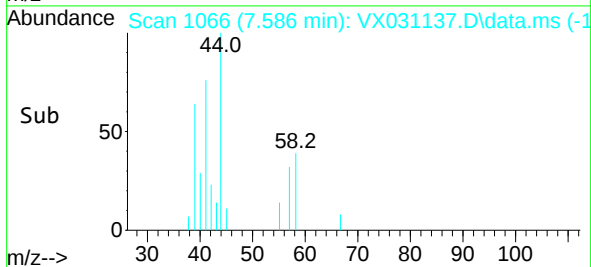
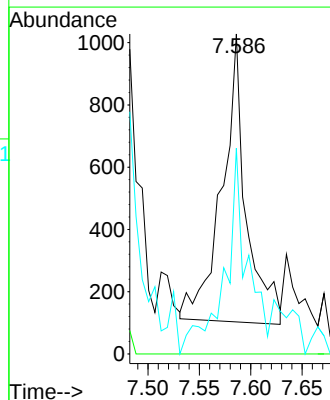
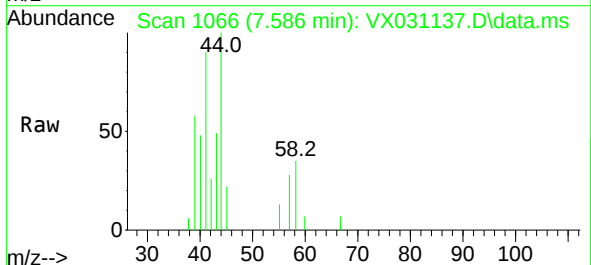
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068DL

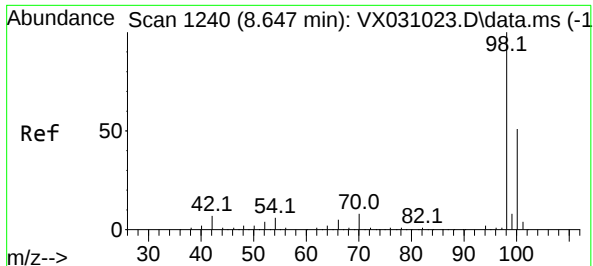
Tgt Ion:117 Resp: 21488
Ion Ratio Lower Upper
117 100
119 7.0 74.1 111.1#
121 0.0 25.8 38.8#



#48
Methyl methacrylate
Concen: 0.575 ug/l
RT: 7.586 min Scan# 1066
Delta R.T. -0.110 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 41 Resp: 1505
Ion Ratio Lower Upper
41 100
69 0.0 68.8 103.2#
39 47.4 44.6 66.8

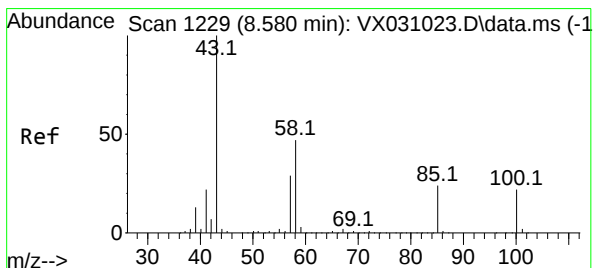
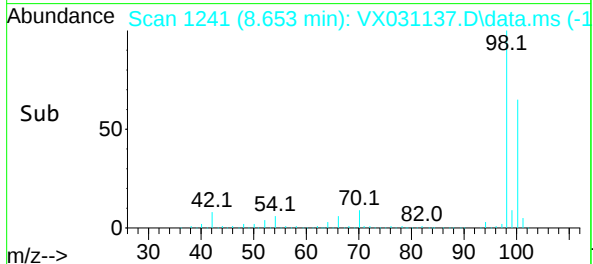
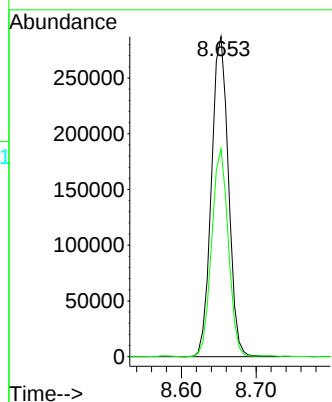
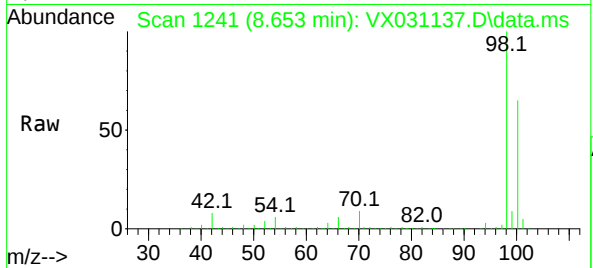




#50
Toluene-d8
Concen: 45.061 ug/l
RT: 8.653 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

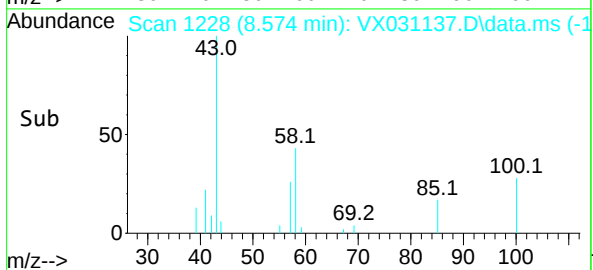
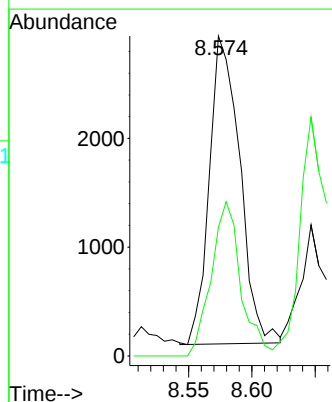
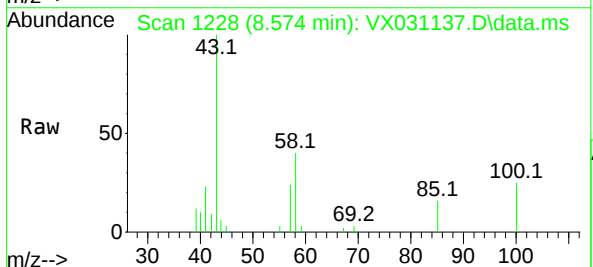
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068DL

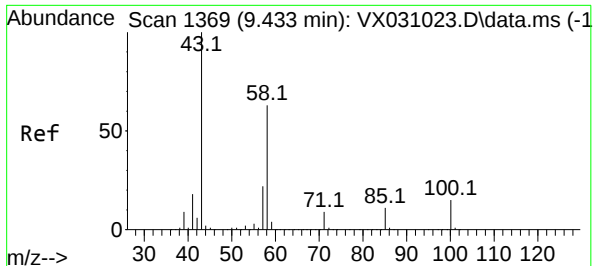
Tgt Ion: 98 Resp: 452364
Ion Ratio Lower Upper
98 100
100 63.7 52.3 78.5



#51
4-Methyl-2-Pentanone
Concen: 1.421 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. -0.006 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 43 Resp: 4739
Ion Ratio Lower Upper
43 100
58 48.5 31.4 47.2#

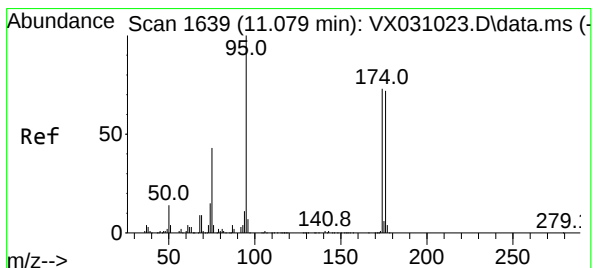
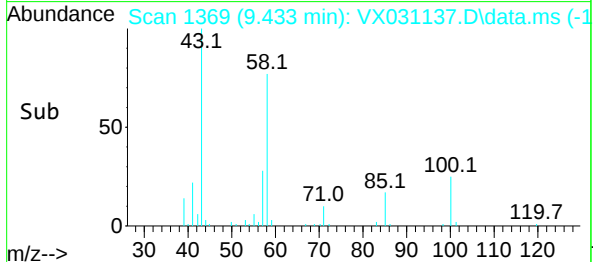
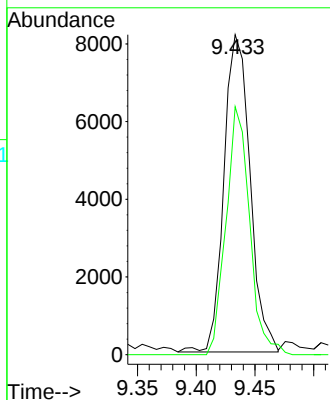
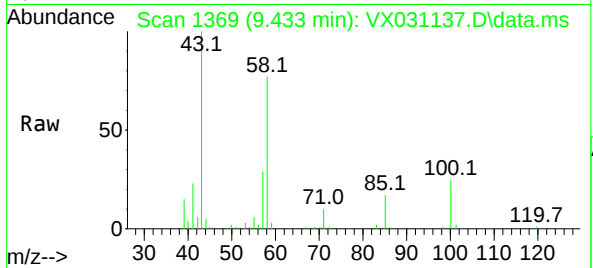




#59
2-Hexanone
Concen: 5.019 ug/l
RT: 9.433 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

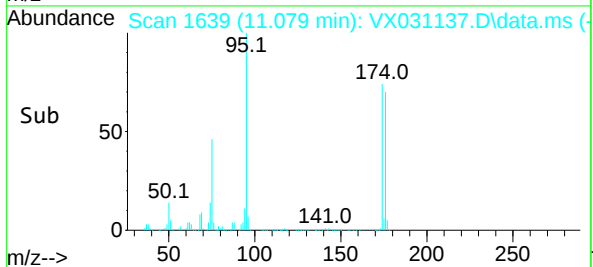
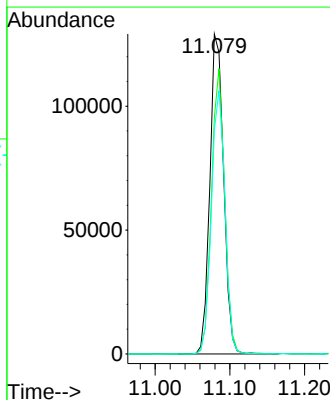
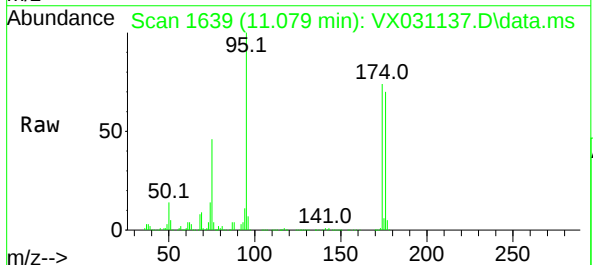
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068DL

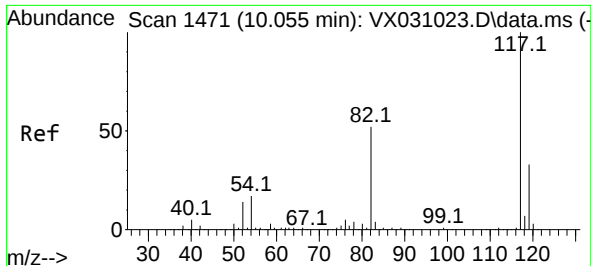
Tgt Ion: 43 Resp: 12658
Ion Ratio Lower Upper
43 100
58 70.6 27.6 82.8



#62
4-Bromofluorobenzene
Concen: 46.706 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 95 Resp: 165608
Ion Ratio Lower Upper
95 100
174 85.9 0.0 149.0
176 80.9 0.0 146.0

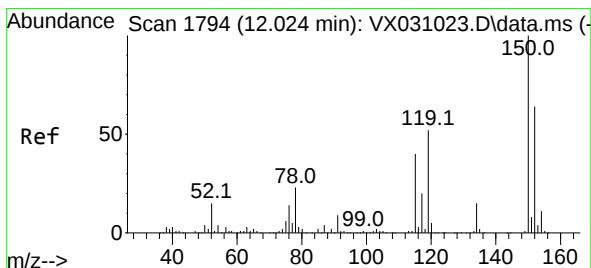
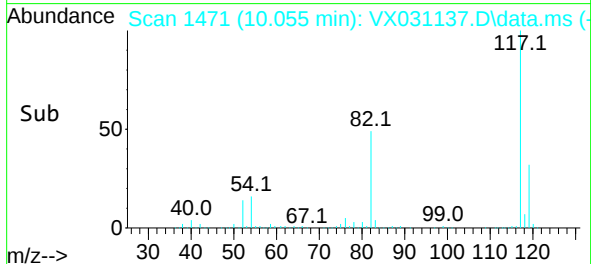
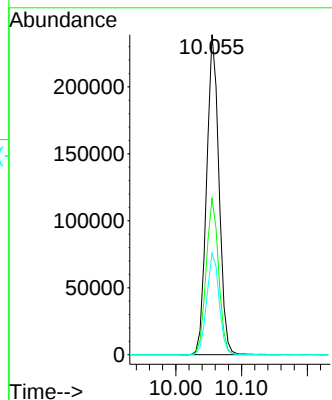
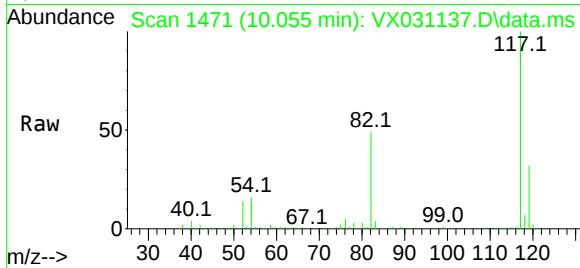




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

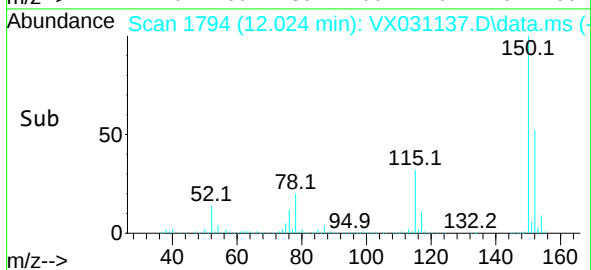
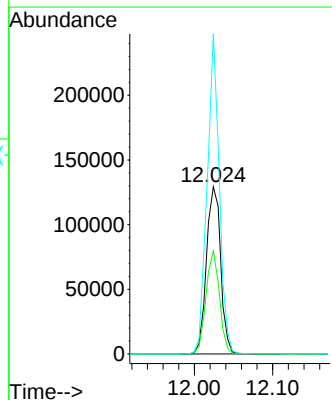
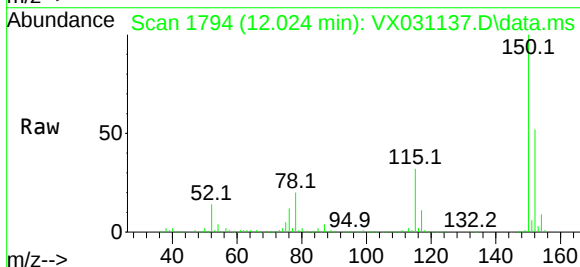
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068DL

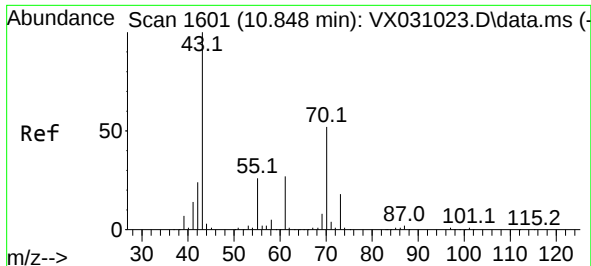
Tgt Ion:117 Resp: 312341
Ion Ratio Lower Upper
117 100
82 48.8 42.7 64.1
119 31.7 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion:152 Resp: 162313
Ion Ratio Lower Upper
152 100
115 58.7 40.5 121.5
150 164.8 0.0 347.0

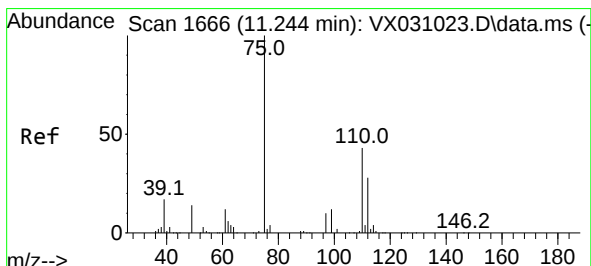
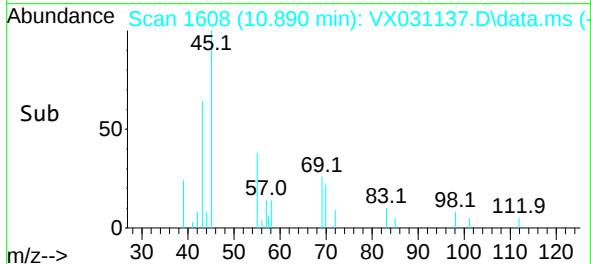
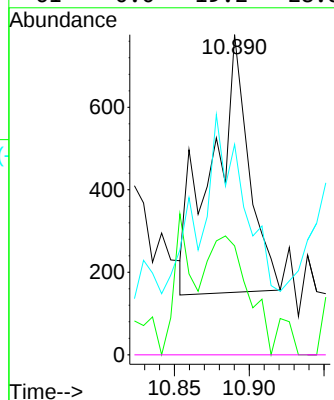
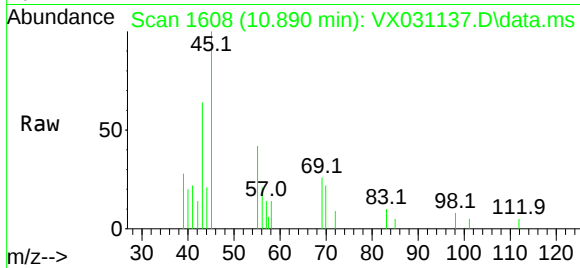




#74
N-amy1 acetate
Concen: 0.270 ug/l
RT: 10.890 min Scan# 1608
Delta R.T. 0.042 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

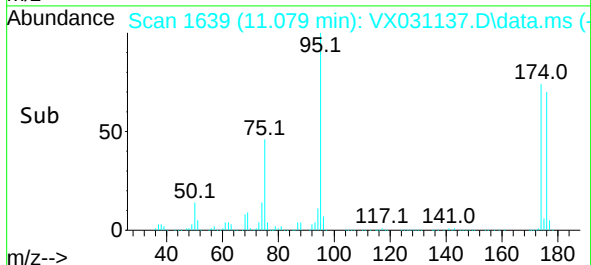
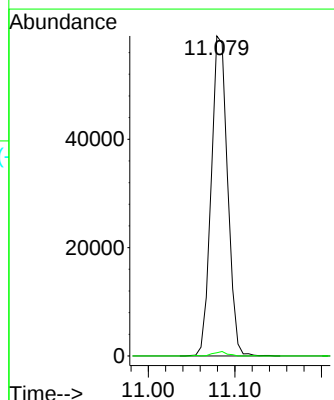
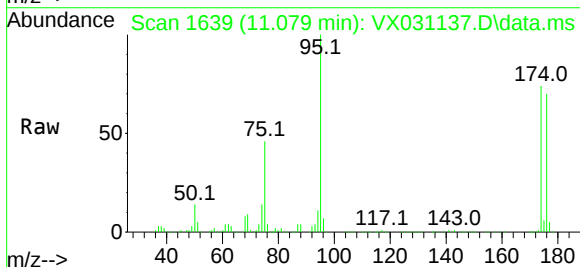
Instrument :
MSVOA_X
ClientSampleId :
ORA-0068DL

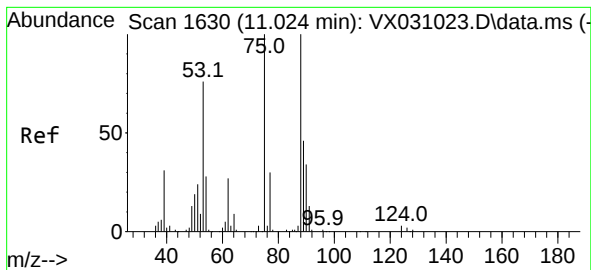
Tgt Ion: 43	Resp: 1067
Ion Ratio	Lower Upper
43 100	
70 50.8	32.3 48.5#
55 108.7	18.4 27.6#
61 0.0	19.2 28.8#



#76
1,2,3-Trichloropropane
Concen: 20.226 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031137.D
Acq: 06 Sep 2022 18:46

Tgt Ion: 75	Resp: 77606
Ion Ratio	Lower Upper
75 100	
77 1.2	19.8 59.3#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 63.565 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.055 min
 Lab File: VX031137.D
 Acq: 06 Sep 2022 18:46

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0068DL

Tgt Ion: 75 Resp: 77606
 Ion Ratio Lower Upper
 75 100
 53 0.0 74.2 111.4#
 89 0.0 34.8 52.2#

