

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX090622\
 Data File : VX031138.D
 Acq On : 06 Sep 2022 19:10
 Operator : JC/MD
 Sample : N4489-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0044DL

Quant Time: Sep 07 01:14:11 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)

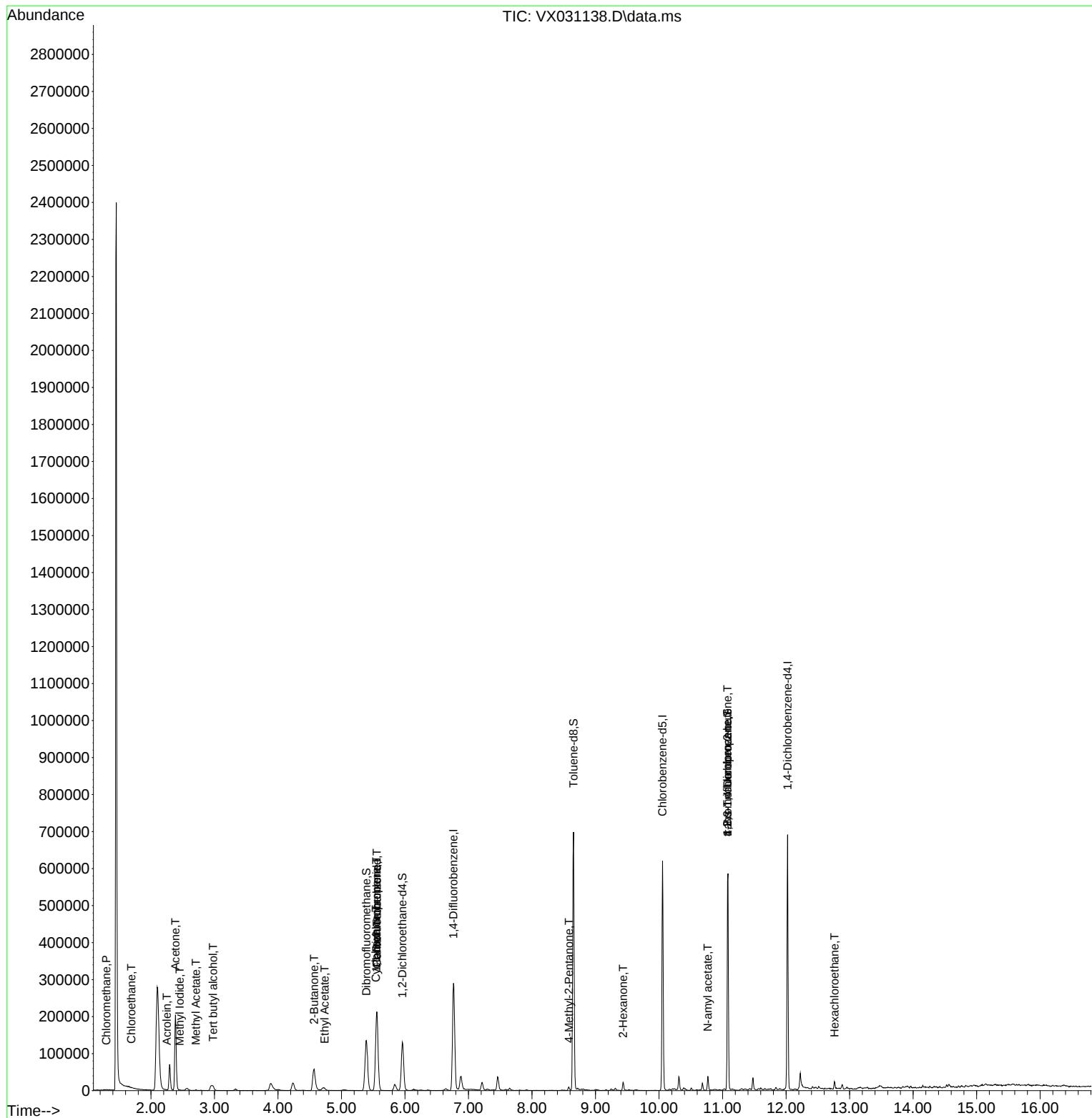
Internal Standards						
1) Pentafluorobenzene	5.556	168	213678	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	335562	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	304447	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	150510	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	130547	47.482	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	94.960%
35) Dibromofluoromethane	5.391	113	124397	50.799	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.600%
50) Toluene-d8	8.653	98	435177	48.286	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.580%
62) 4-Bromofluorobenzene	11.079	95	162325	50.994	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.980%
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	118	0.756	ug/l #	42
6) Chloroethane	1.691	64	92	1.793	ug/l #	41
10) Methyl Iodide	2.453	142	147	2.964	ug/l #	76
11) Tert butyl alcohol	2.977	59	20842	17.521	ug/l	98
13) Acrolein	2.252	56	250	0.497	ug/l #	51
16) Acetone	2.386	43	213140	200.811	ug/l	100
18) Methyl Acetate	2.709	43	1824	0.598	ug/l #	67
20) Methylene Chloride	2.794	84	195	Below Cal	#	67
25) 2-Butanone	4.568	43	87636	53.482	ug/l #	84
31) Cyclohexane	5.544	56	3197	0.851	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	14884	4.339	ug/l #	49
37) Ethyl Acetate	4.733	43	10681	3.584	ug/l #	92
38) Carbon Tetrachloride	5.556	117	20953	5.885	ug/l #	18
51) 4-Methyl-2-Pentanone	8.580	43	5005	1.672	ug/l	89
59) 2-Hexanone	9.433	43	10767	4.755	ug/l	89
74) N-amyl acetate	10.768	43	15919	4.347	ug/l #	54
76) 1,2,3-Trichloropropane	11.079	75	75190	21.133	ug/l #	38
81) trans-1,4-Dichloro-2-b...	11.079	75	75190	66.416	ug/l #	13
90) Hexachloroethane	12.762	117	727	0.381	ug/l #	16

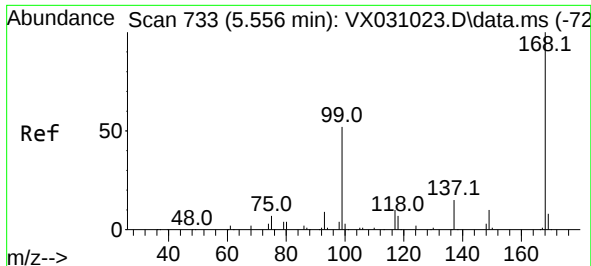
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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

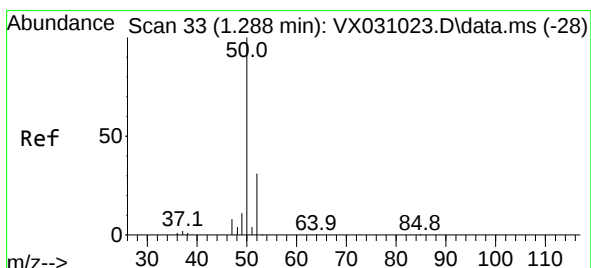
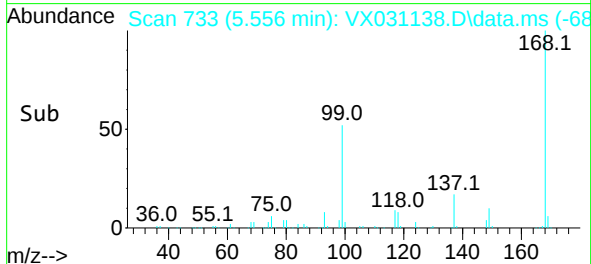
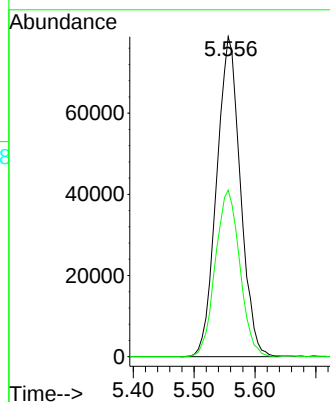
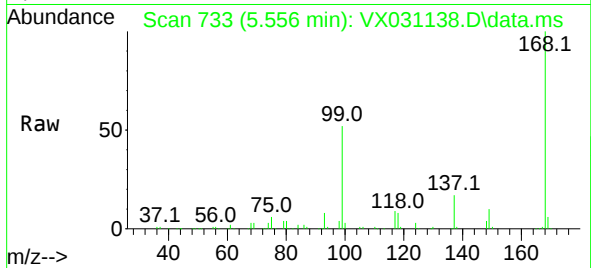




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

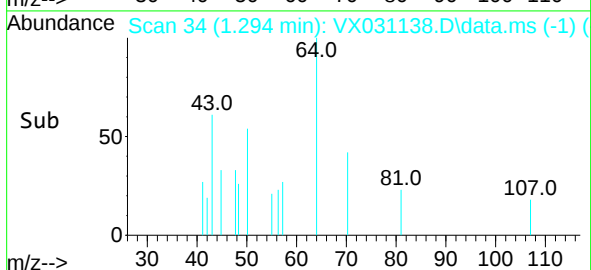
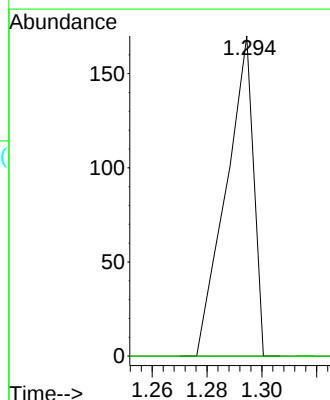
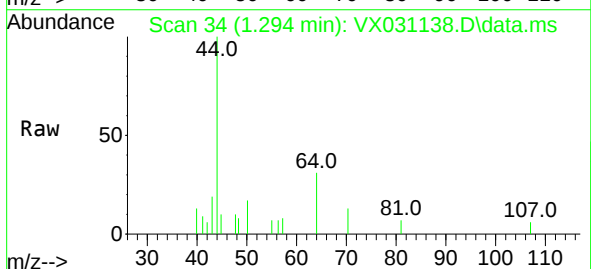
Instrument :
MSVOA_X
ClientSampleId :
ORA-0044DL

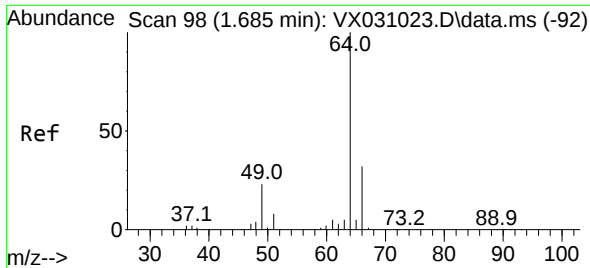
Tgt Ion:168 Resp: 213678
Ion Ratio Lower Upper
168 100
99 52.1 44.0 66.0



#3
Chloromethane
Concen: 0.756 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

Tgt Ion: 50 Resp: 118
Ion Ratio Lower Upper
50 100
52 0.0 26.3 39.5

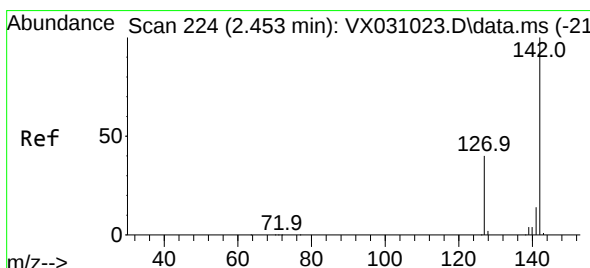
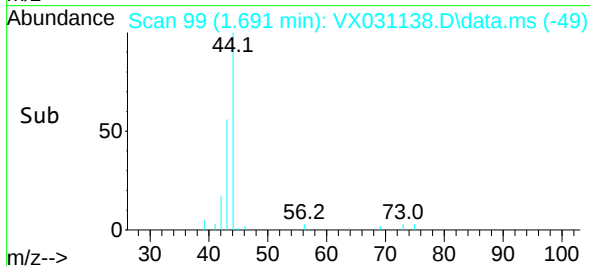
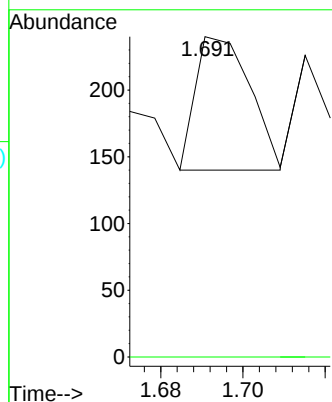
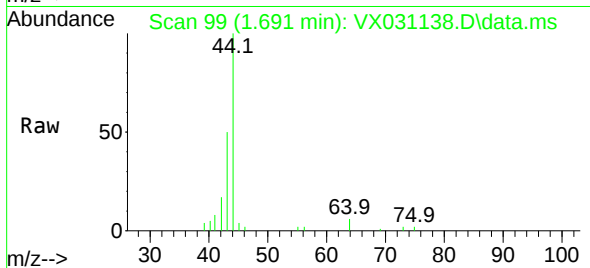




#6
Chloroethane
Concen: 1.793 ug/l
RT: 1.691 min Scan# 98
Delta R.T. 0.006 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

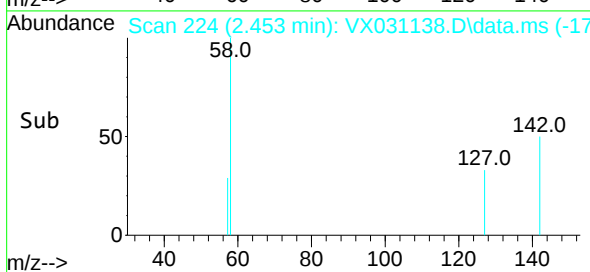
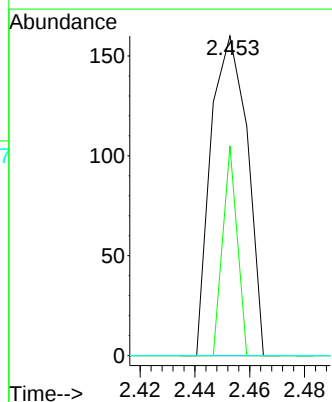
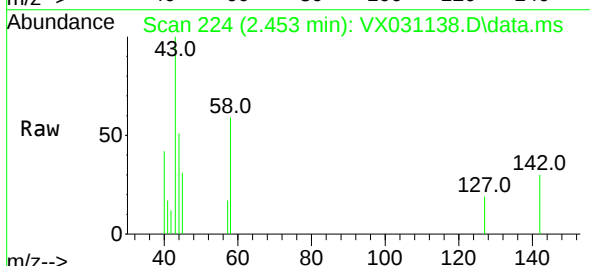
Instrument :
MSVOA_X
ClientSampleId :
ORA-0044DL

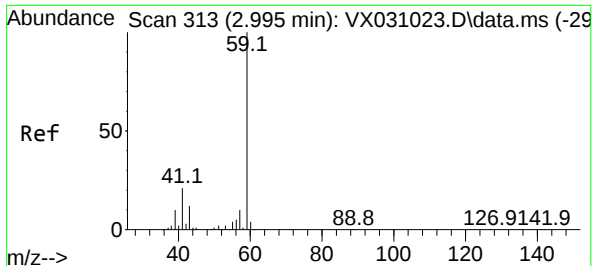
Tgt Ion: 64 Resp: 92
Ion Ratio Lower Upper
64 100
66 0.0 27.2 40.8#



#10
Methyl Iodide
Concen: 2.964 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

Tgt Ion: 142 Resp: 147
Ion Ratio Lower Upper
142 100
127 25.9 30.2 45.2#
141 0.0 11.3 16.9#

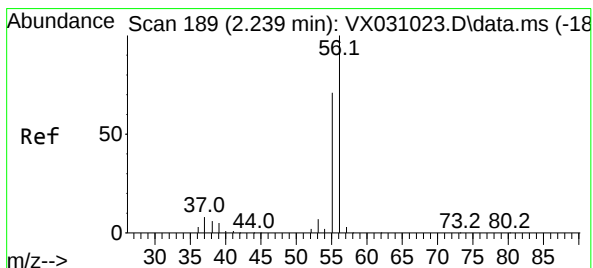
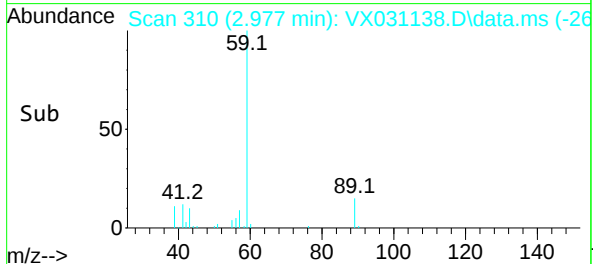
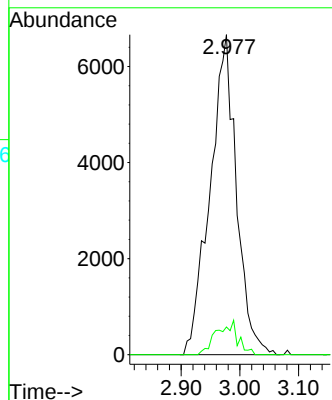
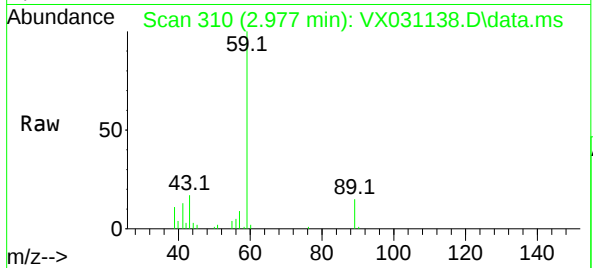




#11
Tert butyl alcohol
Concen: 17.521 ug/l
RT: 2.977 min Scan# 31
Delta R.T. -0.012 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

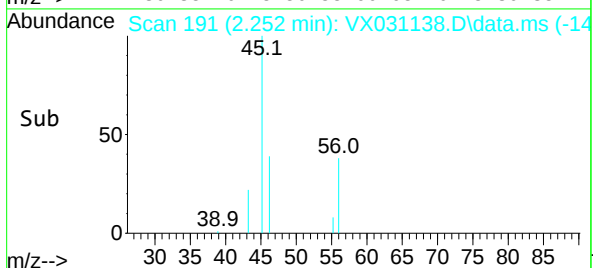
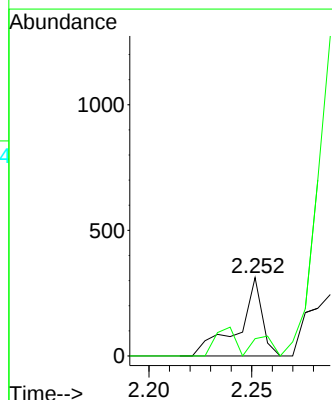
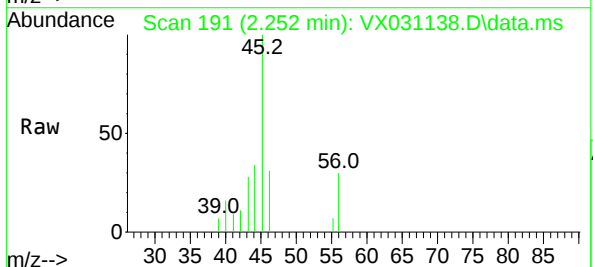
Instrument :
MSVOA_X
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ORA-0044DL

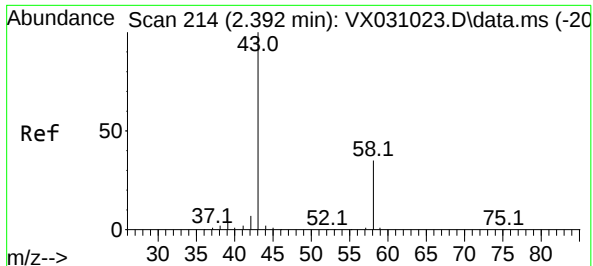
Tgt Ion: 59 Resp: 20842
Ion Ratio Lower Upper
59 100
57 8.6 7.4 11.2



#13
Acrolein
Concen: 0.497 ug/l
RT: 2.252 min Scan# 191
Delta R.T. 0.013 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

Tgt Ion: 56 Resp: 250
Ion Ratio Lower Upper
56 100
55 30.4 56.6 84.8#

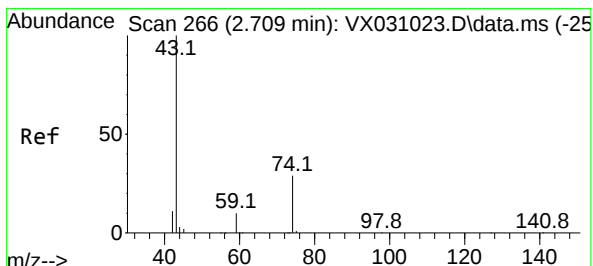
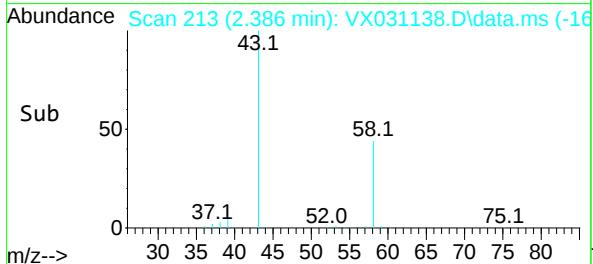
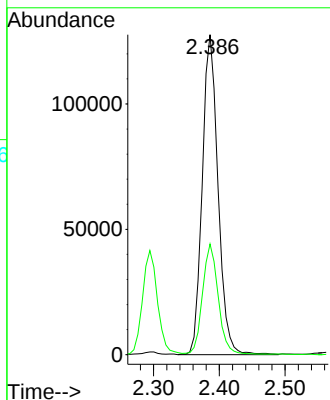
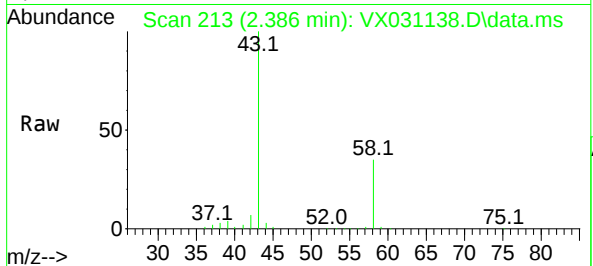




#16
Acetone
Concen: 200.811 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

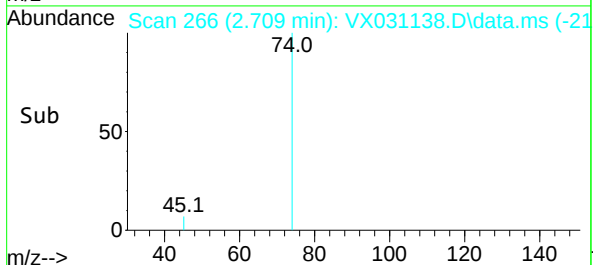
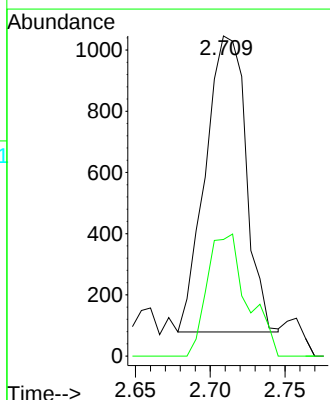
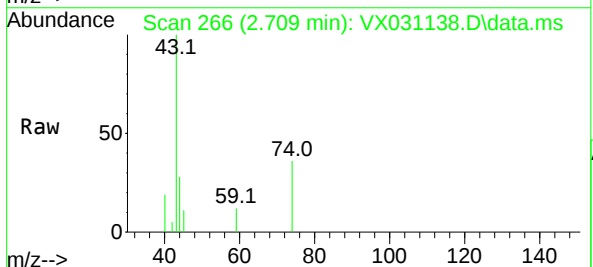
Instrument :
MSVOA_X
ClientSampleId :
ORA-0044DL

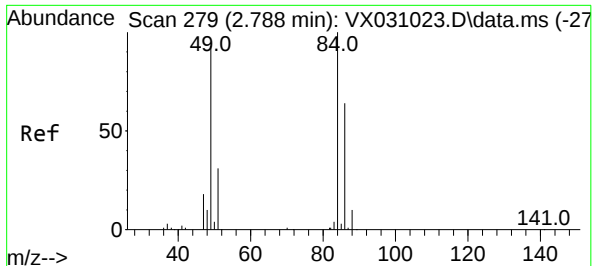
Tgt Ion: 43 Resp: 213140
Ion Ratio Lower Upper
43 100
58 34.4 27.7 41.5



#18
Methyl Acetate
Concen: 0.598 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

Tgt Ion: 43 Resp: 1824
Ion Ratio Lower Upper
43 100
74 40.6 19.4 29.2#

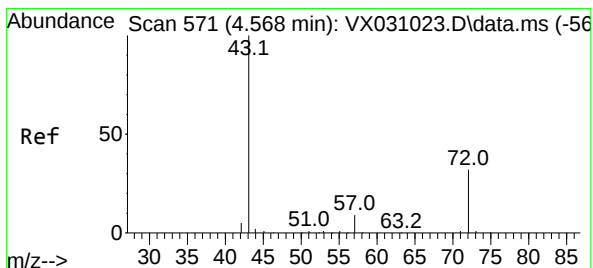
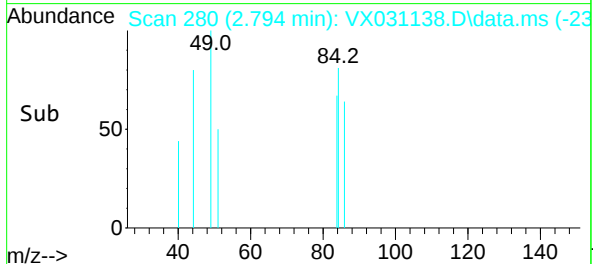
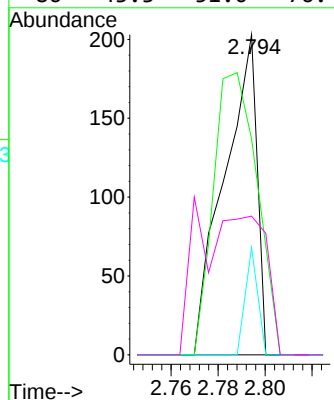
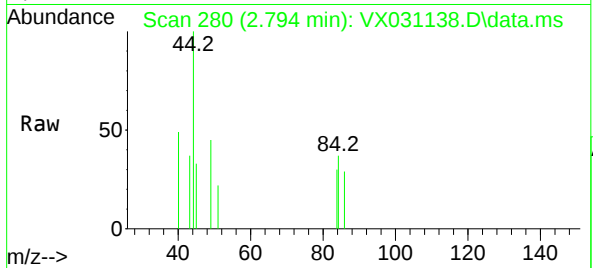




#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

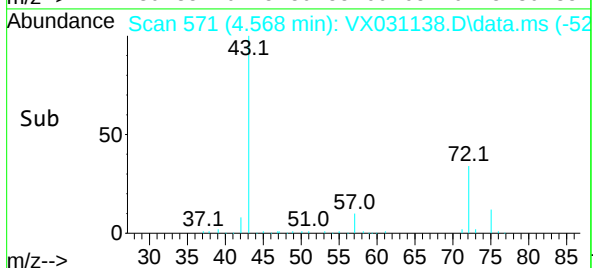
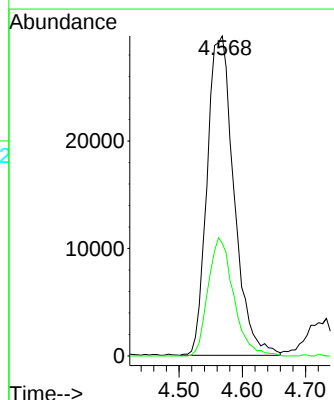
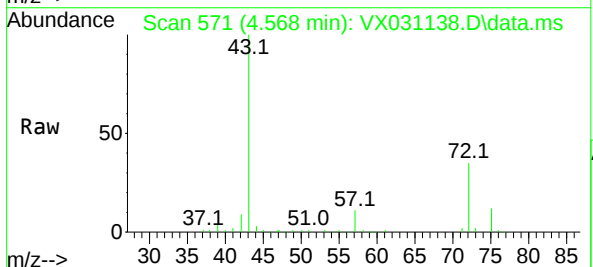
Instrument :
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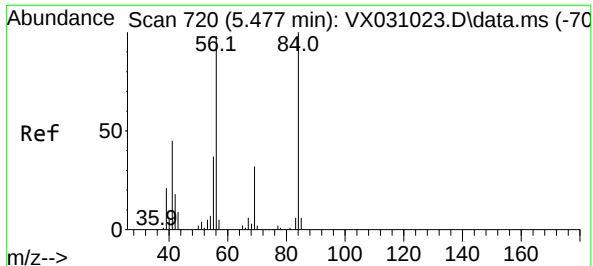
Tgt Ion:	84	Resp:	195
Ion	Ratio	Lower	Upper
84	100		
49	67.5	93.8	140.6#
51	33.5	29.4	44.0
86	43.3	51.0	76.4#



#25
2-Butanone
Concen: 53.482 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.000 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

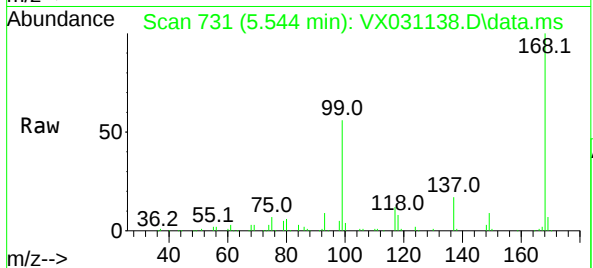
Tgt Ion:	43	Resp:	87636
Ion	Ratio	Lower	Upper
43	100		
72	35.3	21.7	32.5#



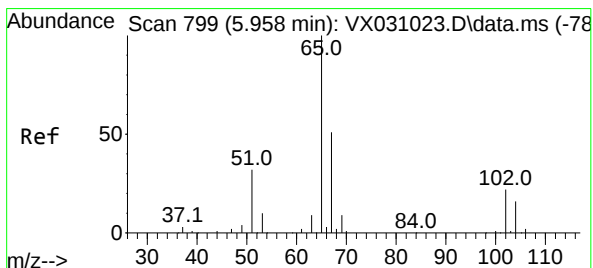
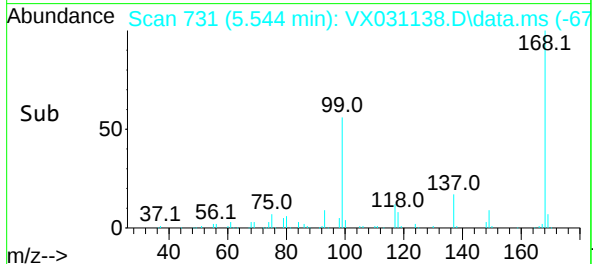
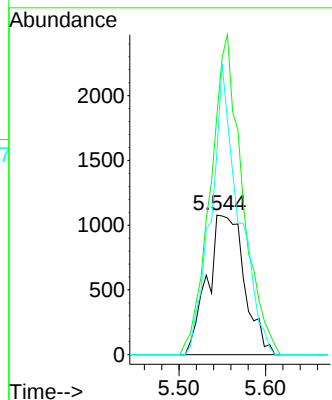


#31
Cyclohexane
Concen: 0.851 ug/l
RT: 5.544 min Scan# 711
Delta R.T. 0.067 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

Instrument :
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ORA-0044DL

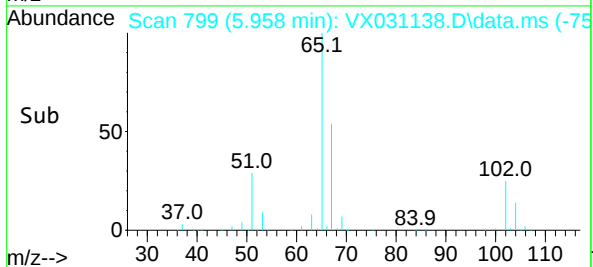
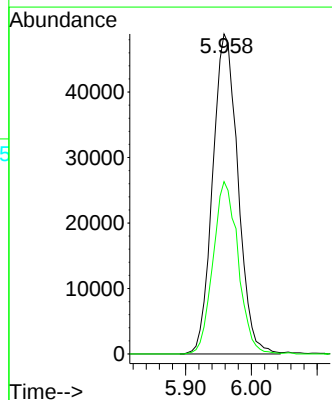
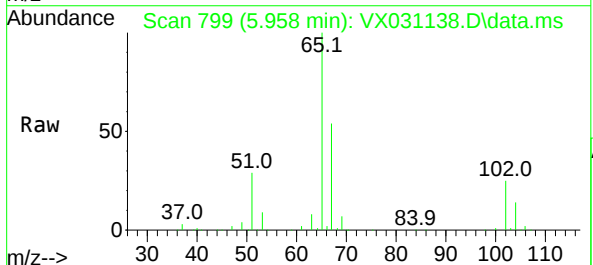


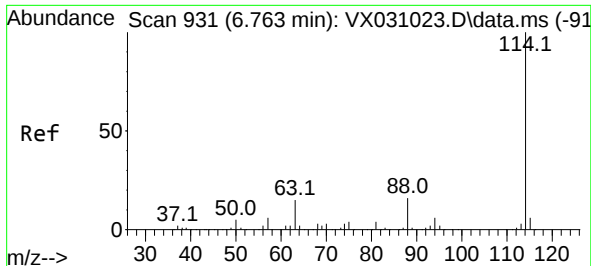
Tgt Ion: 56 Resp: 3197
Ion Ratio Lower Upper
56 100
69 171.1 25.4 38.0#
84 144.2 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 47.482 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

Tgt Ion: 65 Resp: 130547
Ion Ratio Lower Upper
65 100
67 53.5 0.0 109.6

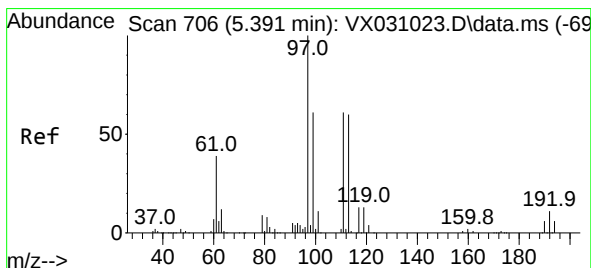
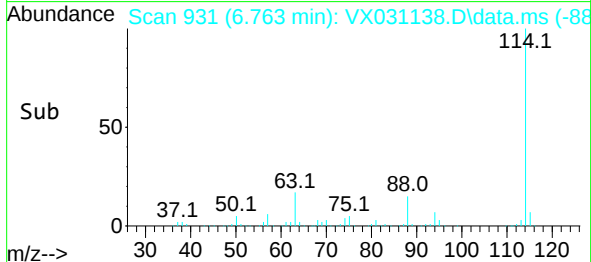
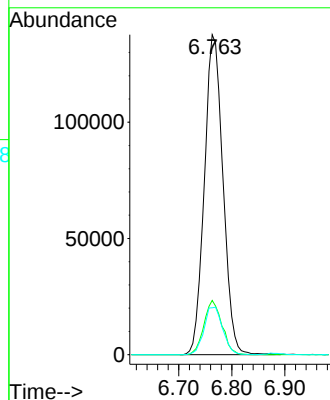
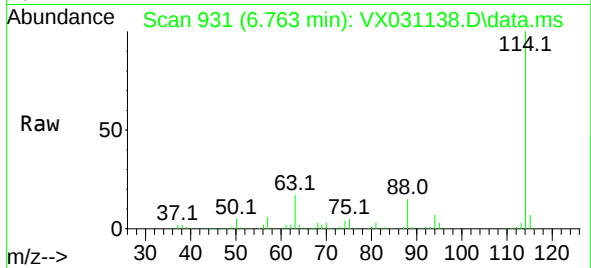




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 91
 Delta R.T. -0.006 min
 Lab File: VX031138.D
 Acq: 06 Sep 2022 19:10

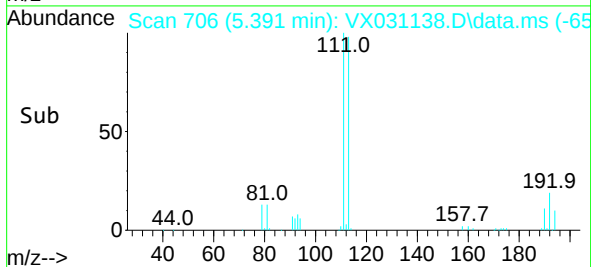
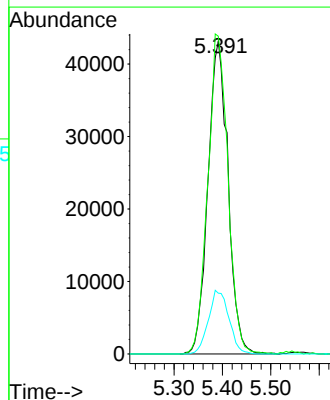
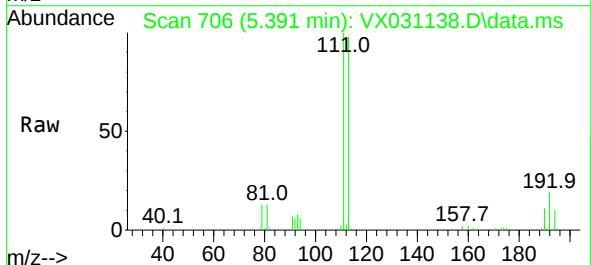
Instrument :
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 ORA-0044DL

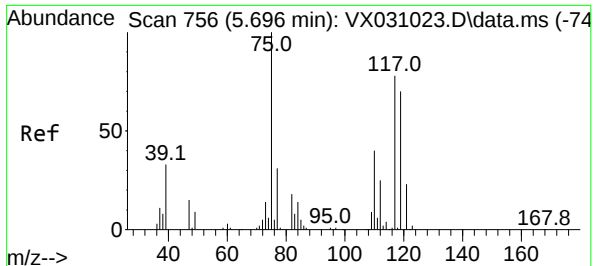
Tgt Ion:114 Resp: 335562
 Ion Ratio Lower Upper
 114 100
 63 17.0 0.0 38.4
 88 14.7 0.0 31.8



#35
 Dibromofluoromethane
 Concen: 50.799 ug/l
 RT: 5.391 min Scan# 706
 Delta R.T. 0.000 min
 Lab File: VX031138.D
 Acq: 06 Sep 2022 19:10

Tgt Ion:113 Resp: 124397
 Ion Ratio Lower Upper
 113 100
 111 102.5 83.2 124.8
 192 20.7 14.8 22.2





#36

1,1-Dichloropropene

Concen: 4.339 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX031138.D

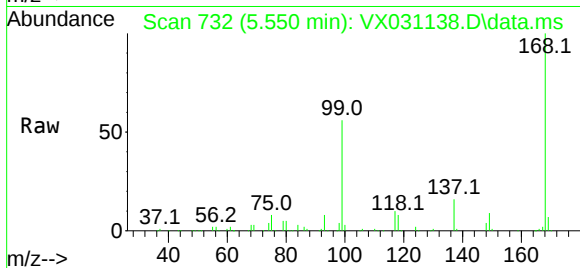
Acq: 06 Sep 2022 19:10

Instrument :

MSVOA_X

ClientSampleId :

ORA-0044DL



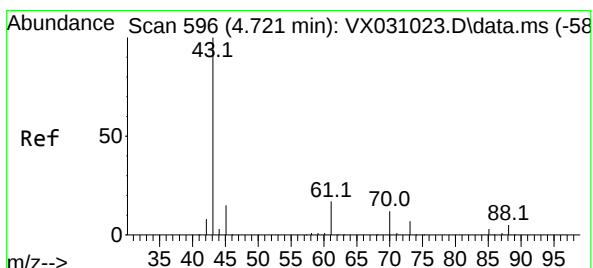
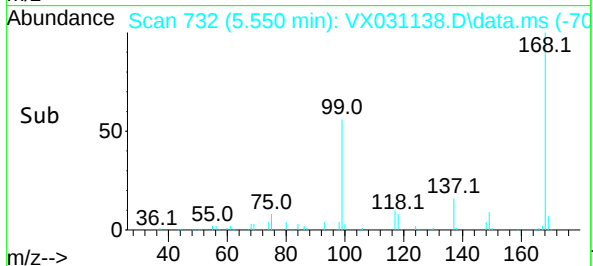
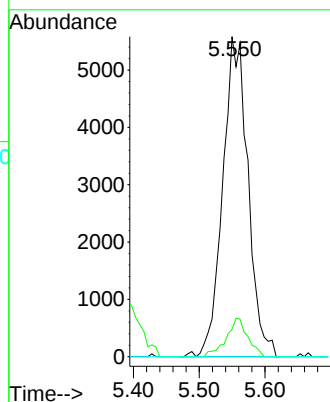
Tgt Ion: 75 Resp: 14884

Ion Ratio Lower Upper

75 100

110 10.2 19.3 57.9#

77 0.0 24.4 36.6#



#37

Ethyl Acetate

Concen: 3.584 ug/l

RT: 4.733 min Scan# 598

Delta R.T. 0.012 min

Lab File: VX031138.D

Acq: 06 Sep 2022 19:10

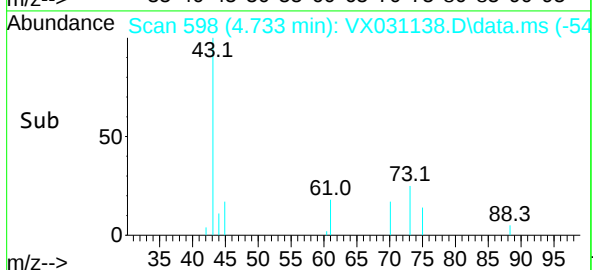
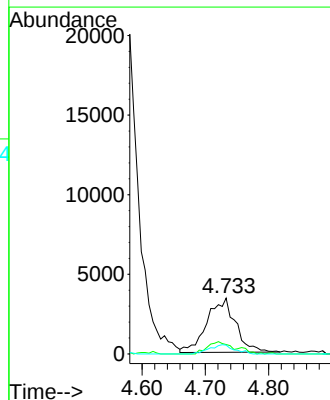
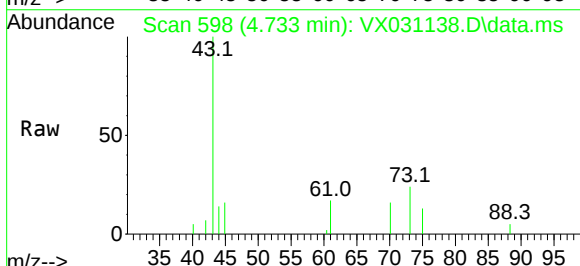
Tgt Ion: 43 Resp: 10681

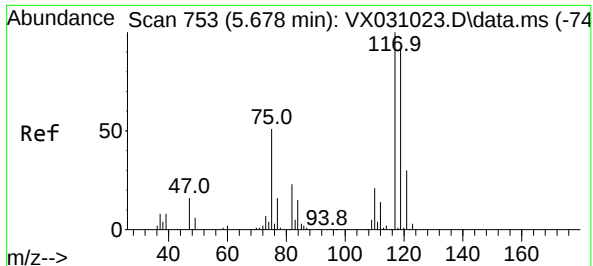
Ion Ratio Lower Upper

43 100

61 18.2 11.7 17.5#

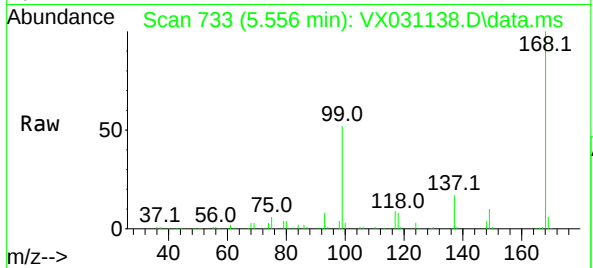
70 14.7 9.3 13.9#



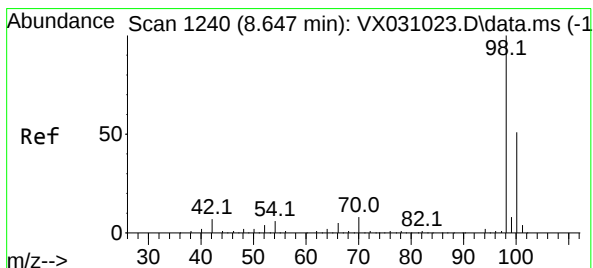
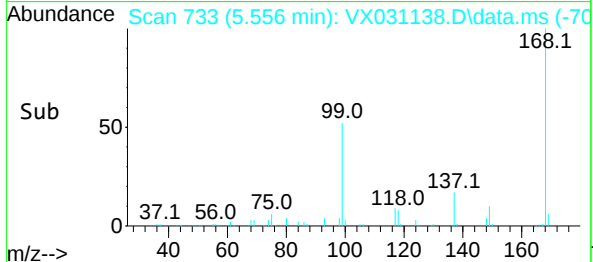
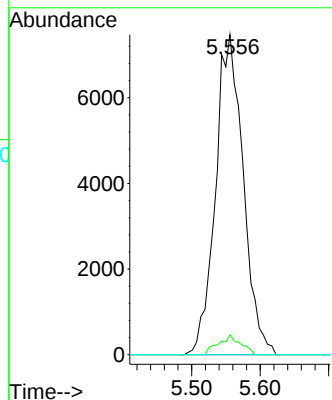


#38
Carbon Tetrachloride
Concen: 5.885 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

Instrument :
MSVOA_X
ClientSampleId :
ORA-0044DL

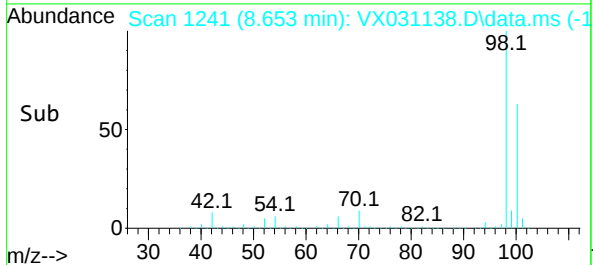
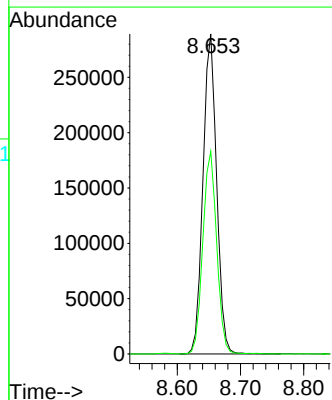
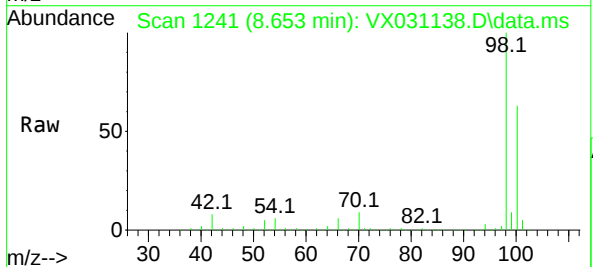


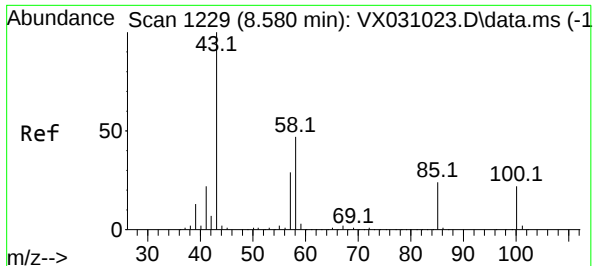
Tgt Ion:117 Resp: 20953
Ion Ratio Lower Upper
117 100
119 6.2 74.1 111.1#
121 0.0 25.8 38.8#



#50
Toluene-d8
Concen: 48.286 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

Tgt Ion: 98 Resp: 435177
Ion Ratio Lower Upper
98 100
100 64.2 52.3 78.5





#51

4-Methyl-2-Pentanone

Concen: 1.672 ug/l

RT: 8.580 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX031138.D

Acq: 06 Sep 2022 19:10

Instrument :

MSVOA_X

ClientSampleId :

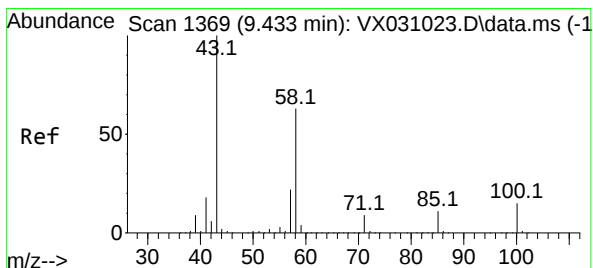
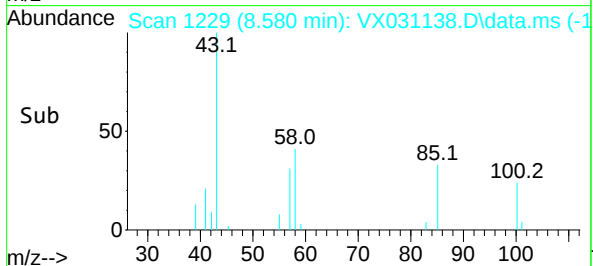
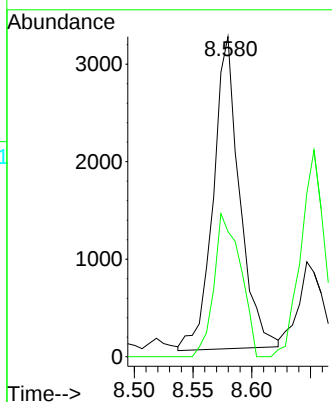
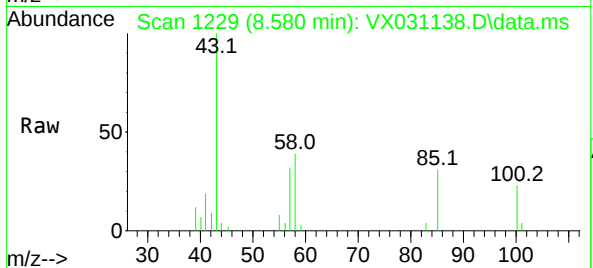
ORA-0044DL

Tgt Ion: 43 Resp: 5005

Ion Ratio Lower Upper

43 100

58 46.0 31.4 47.2



#59

2-Hexanone

Concen: 4.755 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX031138.D

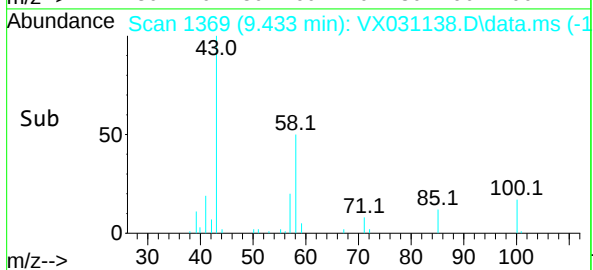
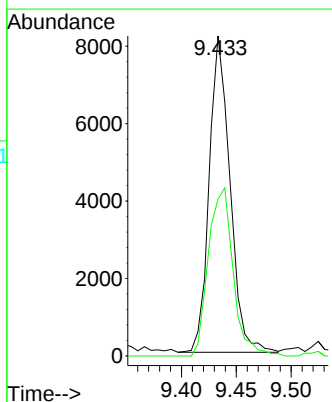
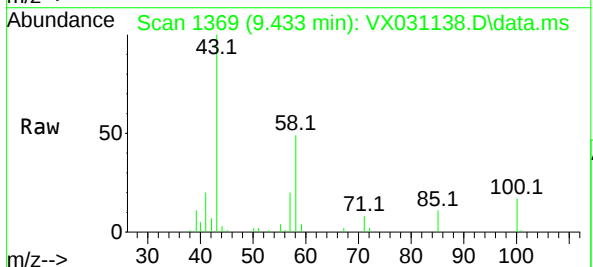
Acq: 06 Sep 2022 19:10

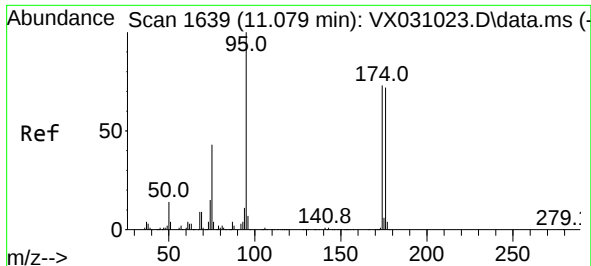
Tgt Ion: 43 Resp: 10767

Ion Ratio Lower Upper

43 100

58 63.2 27.6 82.8

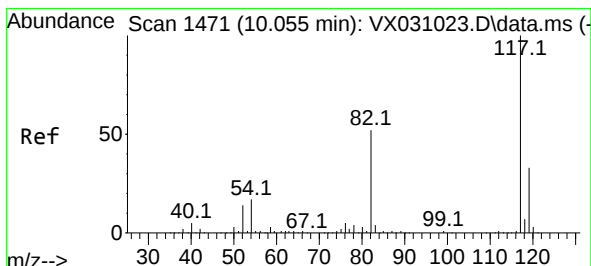
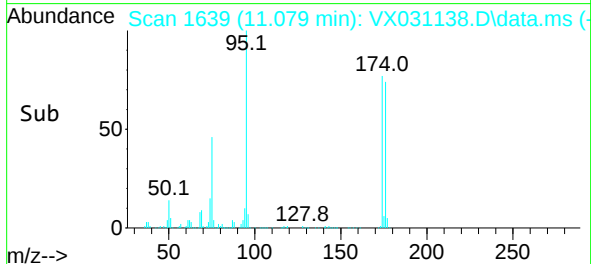
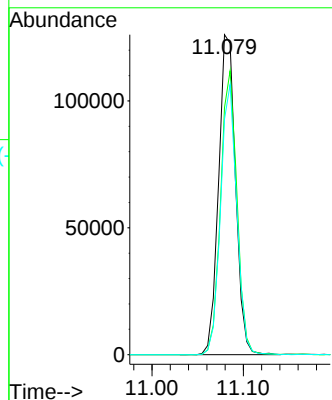
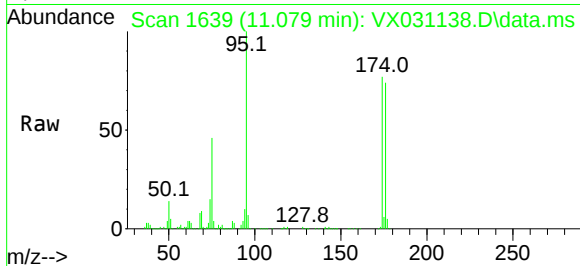




#62
4-Bromofluorobenzene
Concen: 50.994 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

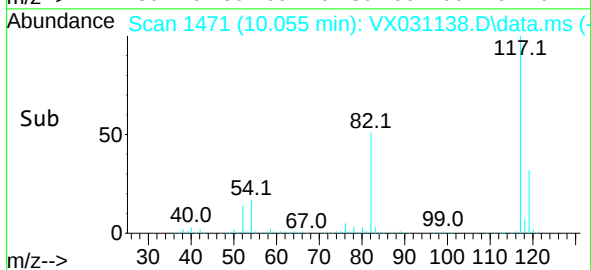
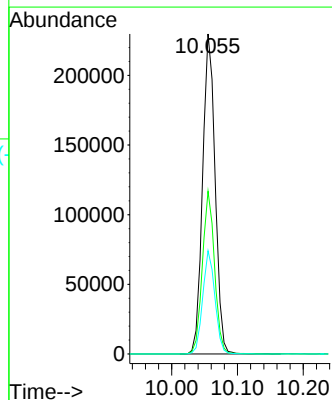
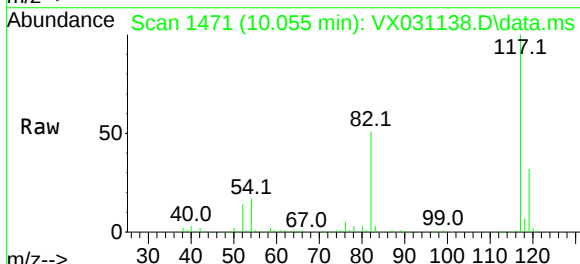
Instrument :
MSVOA_X
ClientSampleId :
ORA-0044DL

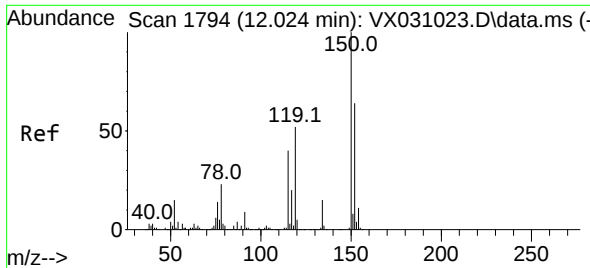
Tgt Ion: 95 Resp: 162325
Ion Ratio Lower Upper
95 100
174 85.8 0.0 149.0
176 81.0 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

Tgt Ion: 117 Resp: 304447
Ion Ratio Lower Upper
117 100
82 50.9 42.7 64.1
119 32.2 25.4 38.2

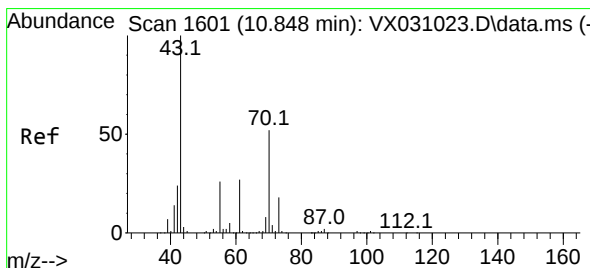
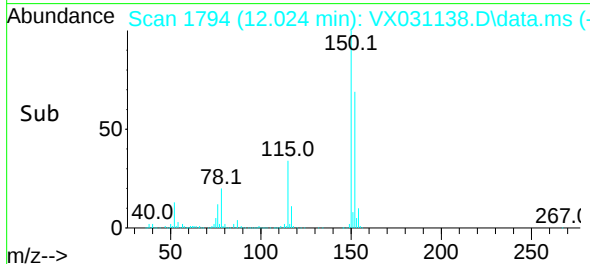
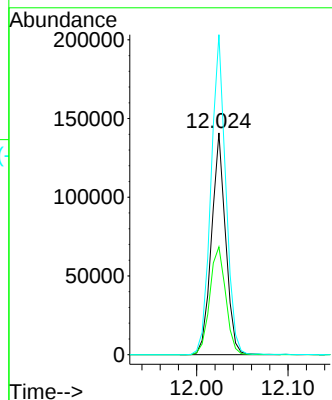
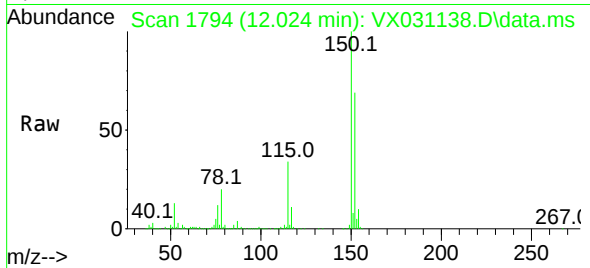




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031138.D
 Acq: 06 Sep 2022 19:10

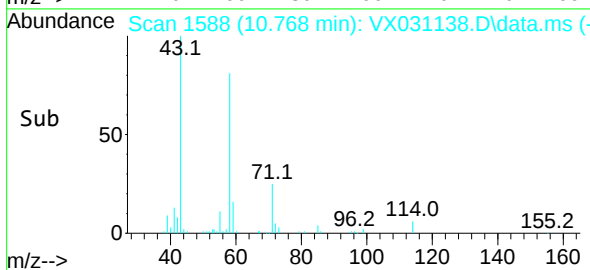
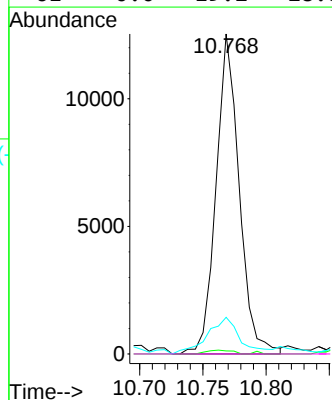
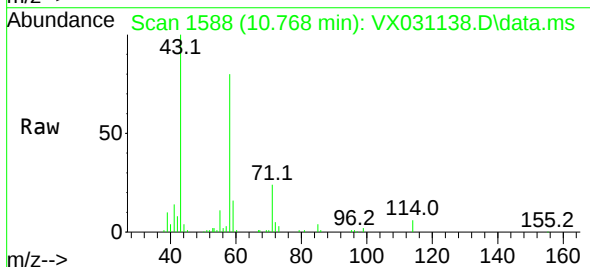
Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0044DL

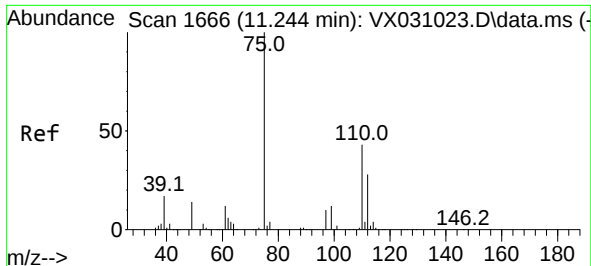
Tgt Ion:152 Resp: 150510
 Ion Ratio Lower Upper
 152 100
 115 54.9 40.5 121.5
 150 151.2 0.0 347.0



#74
 N-ethyl acetate
 Concen: 4.347 ug/l
 RT: 10.768 min Scan# 1588
 Delta R.T. -0.080 min
 Lab File: VX031138.D
 Acq: 06 Sep 2022 19:10

Tgt Ion: 43 Resp: 15919
 Ion Ratio Lower Upper
 43 100
 70 1.3 32.3 48.5#
 55 16.2 18.4 27.6#
 61 0.0 19.2 28.8#

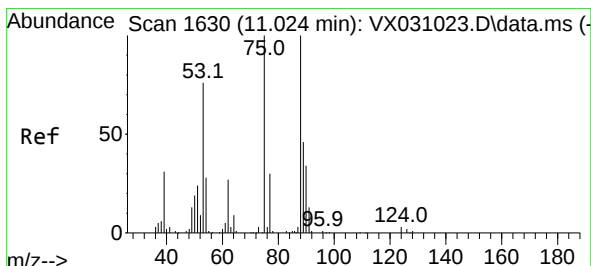
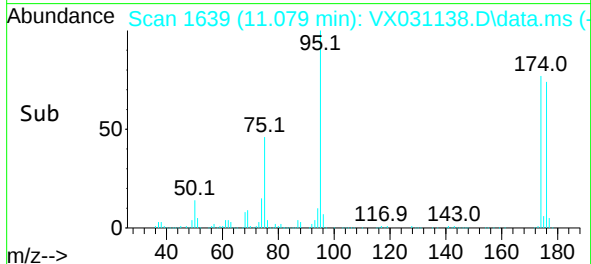
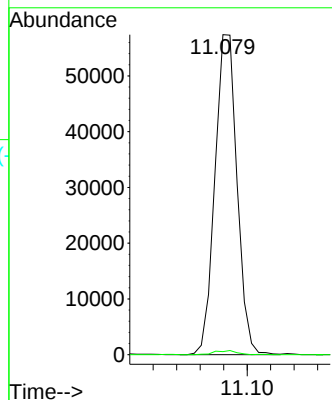
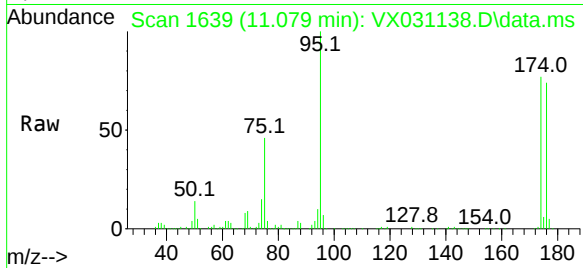




#76
1,2,3-Trichloropropane
Concen: 21.133 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

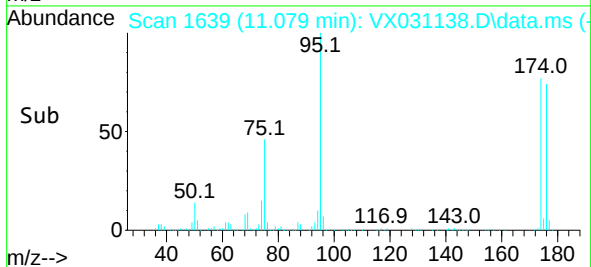
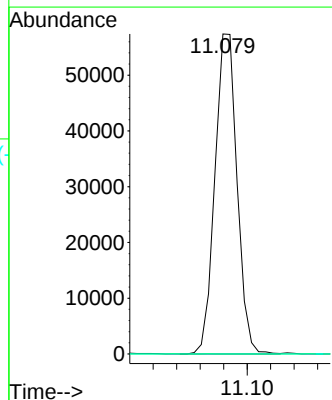
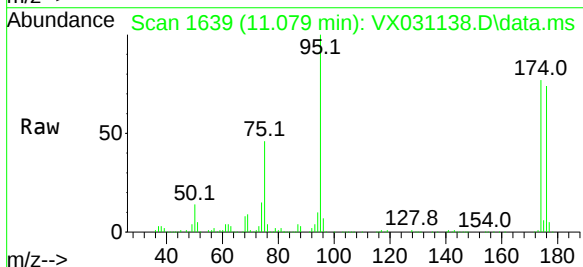
Instrument :
MSVOA_X
ClientSampleId :
ORA-0044DL

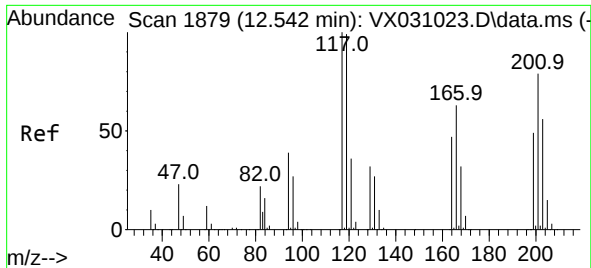
Tgt Ion: 75 Resp: 75190
Ion Ratio Lower Upper
75 100
77 1.3 19.8 59.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.416 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.055 min
Lab File: VX031138.D
Acq: 06 Sep 2022 19:10

Tgt Ion: 75 Resp: 75190
Ion Ratio Lower Upper
75 100
53 0.0 74.2 111.4#
89 0.0 34.8 52.2#





#90
 Hexachloroethane
 Concen: 0.381 ug/l
 RT: 12.762 min Scan# 1915
 Delta R.T. 0.220 min
 Lab File: VX031138.D
 Acq: 06 Sep 2022 19:10

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0044DL

Tgt Ion:117 Resp: 727
 Ion Ratio Lower Upper
 117 100
 201 0.0 34.2 102.5#

