

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060223\
 Data File : VX035976.D
 Acq On : 02 Jun 2023 12:07
 Operator : JC/MD
 Sample : 02958-01MEDL 40X
 Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ORA-0588MEDL

Quant Time: Jun 02 15:51:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

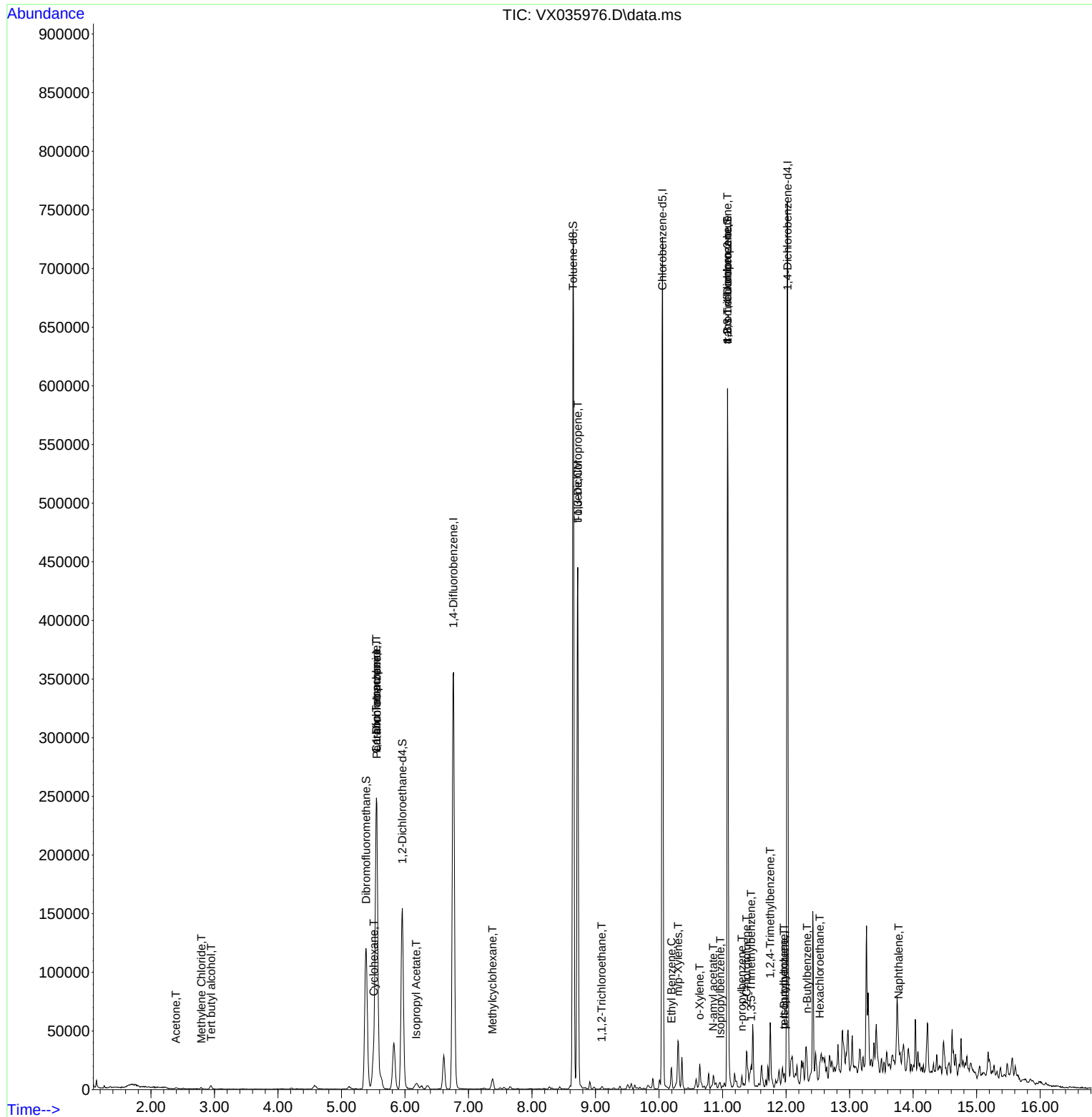
Internal Standards						
1) Pentafluorobenzene	5.556	168	208498	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	346397	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	314302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	151570	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	157718	46.584	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.160%		
35) Dibromofluoromethane	5.385	113	105539	45.299	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	90.600%		
50) Toluene-d8	8.647	98	418710	50.075	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.140%		
62) 4-Bromofluorobenzene	11.079	95	161715	48.992	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.980%		
Target Compounds						Qvalue
11) Tert butyl alcohol	2.947	59	2021	3.361	ug/l #	78
16) Acetone	2.392	43	1536	1.100	ug/l #	71
20) Methylene Chloride	2.794	84	558	0.207	ug/l #	81
31) Cyclohexane	5.507	56	5445	1.536	ug/l #	49
36) 1,1-Dichloropropene	5.550	75	20165	6.491	ug/l #	52
38) Carbon Tetrachloride	5.550	117	24797	8.191	ug/l #	16
39) Methylcyclohexane	7.379	83	3917	1.209	ug/l	96
43) Isopropyl Acetate	6.178	43	3996	0.702	ug/l #	62
52) Toluene	8.720	92	166897	28.473	ug/l	98
53) t-1,3-Dichloropropene	8.720	75	2077	0.613	ug/l #	1
55) 1,1,2-Trichloroethane	9.098	97	818	0.335	ug/l #	15
67) Ethyl Benzene	10.195	91	9099	0.806	ug/l	95
68) m/p-Xylenes	10.299	106	9189	2.146	ug/l	97
69) o-Xylene	10.640	106	4175	0.970	ug/l	94
73) Isopropylbenzene	10.964	105	2205	0.200	ug/l	89
74) N-amyl acetate	10.854	43	1109	0.231	ug/l #	1
76) 1,2,3-Trichloropropane	11.079	75	85641	25.052	ug/l #	35
78) n-propylbenzene	11.305	91	6397	0.515	ug/l	98
79) 2-Chlorotoluene	11.378	91	2894	0.357	ug/l #	43
80) 1,3,5-Trimethylbenzene	11.451	105	6148	0.662	ug/l	92
81) trans-1,4-Dichloro-2-b...	11.079	75	85641	84.382	ug/l #	3
83) tert-Butylbenzene	11.969	119	2189	0.247	ug/l	69
84) 1,2,4-Trimethylbenzene	11.750	105	21247	2.229	ug/l	99
86) p-Isopropyltoluene	11.969	119	2224	0.247	ug/l	91
89) n-Butylbenzene	12.329	91	5109	0.672	ug/l #	56
90) Hexachloroethane	12.530	117	417	0.292	ug/l #	17
95) Naphthalene	13.774	128	4603	0.458	ug/l #	87

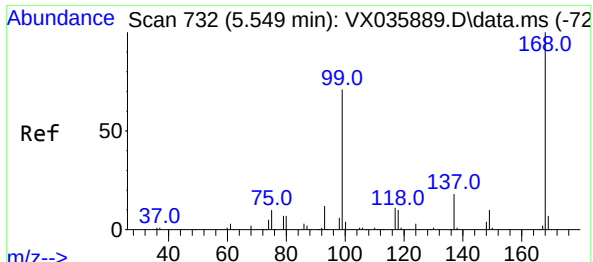
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060223\
Data File : VX035976.D
Acq On : 02 Jun 2023 12:07
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Misc : 1.09g/10mL/100uL/5.00mL/MSVOA_X/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
ORA-0588MEDL

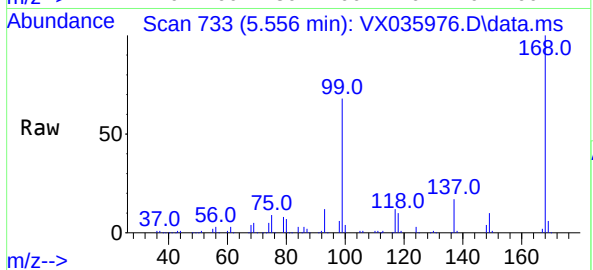
Quant Time: Jun 02 15:51:34 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
Quant Title : SW846 8260
QLast Update : Wed May 31 12:50:30 2023
Response via : Initial Calibration



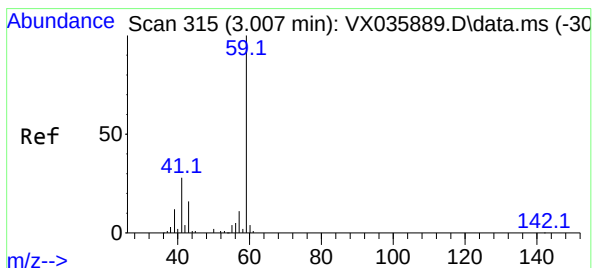
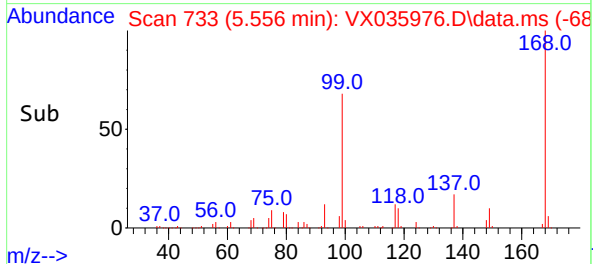
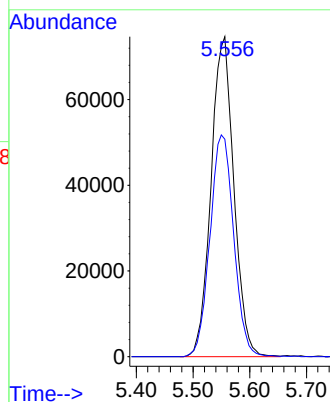


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :
ORA-0588MEDL

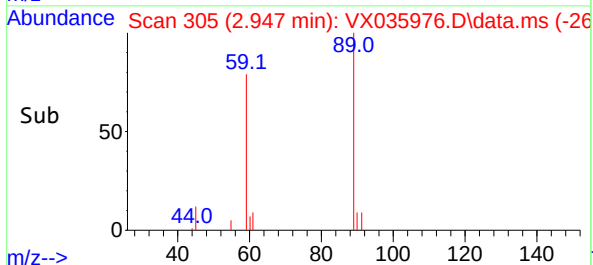
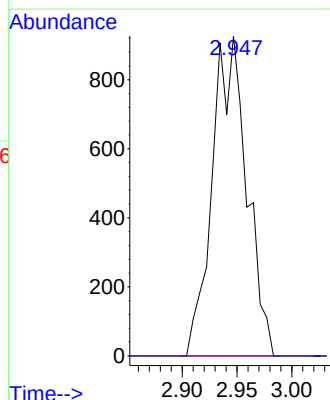
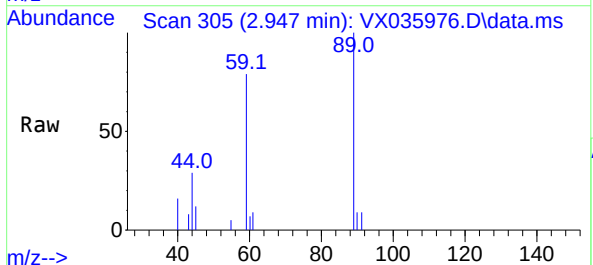


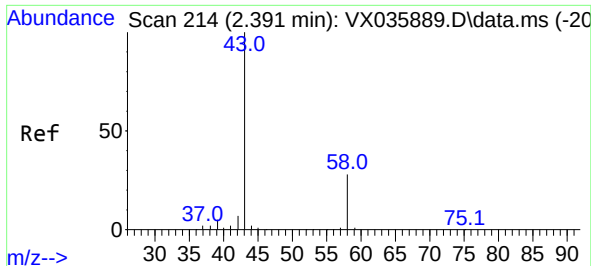
Tgt Ion:168 Resp: 208498
Ion Ratio Lower Upper
168 100
99 67.9 57.0 85.6



#11
Tert butyl alcohol
Concen: 3.361 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.060 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion: 59 Resp: 2021
Ion Ratio Lower Upper
59 100
57 0.0 6.0 9.0#

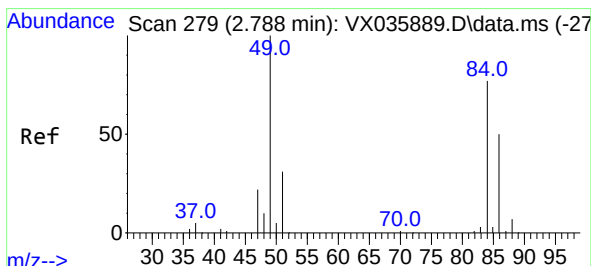
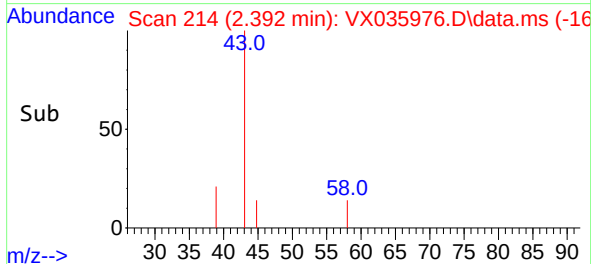
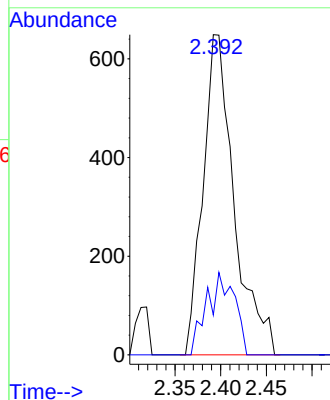
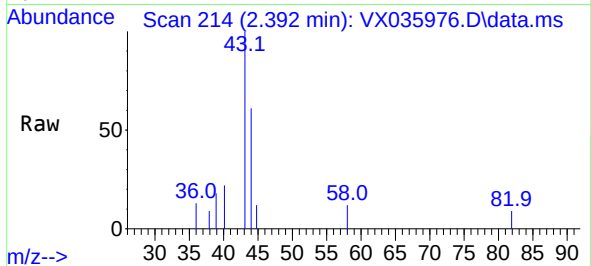




#16
Acetone
Concen: 1.100 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.001 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

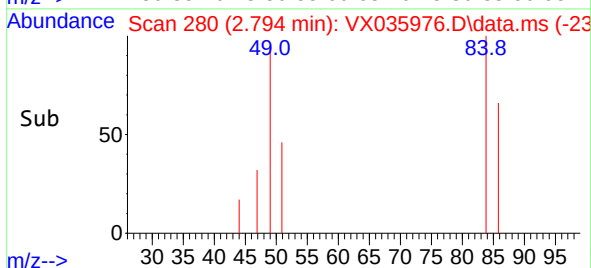
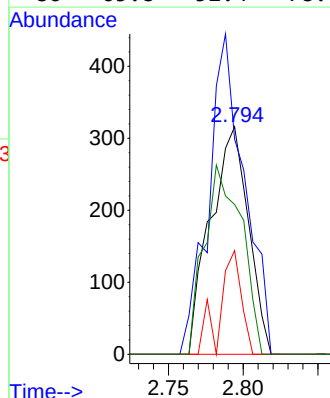
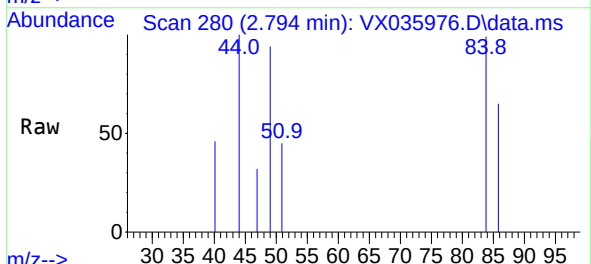
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MSVOA_X
ClientSampleId :
ORA-0588MEDL

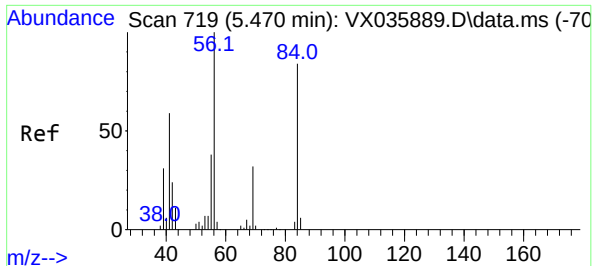
Tgt Ion: 43 Resp: 1536
Ion Ratio Lower Upper
43 100
58 12.5 22.2 33.2#



#20
Methylene Chloride
Concen: 0.207 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion: 84 Resp: 558
Ion Ratio Lower Upper
84 100
49 94.6 104.6 156.8#
51 45.6 32.2 48.4
86 65.8 52.4 78.6

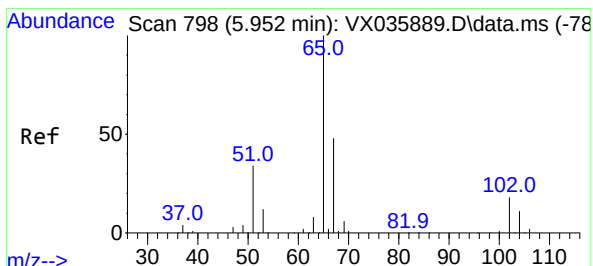
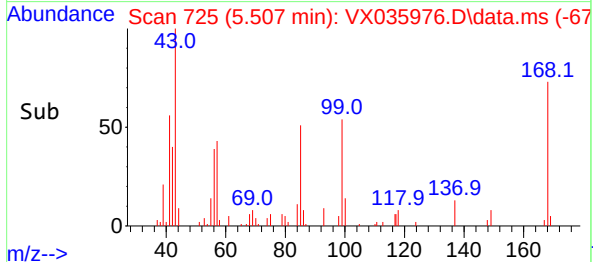
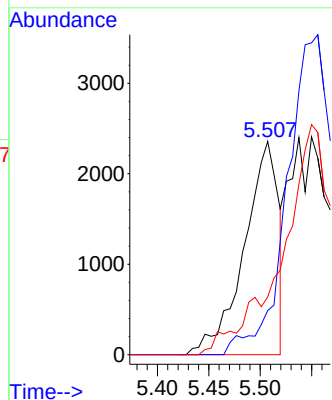
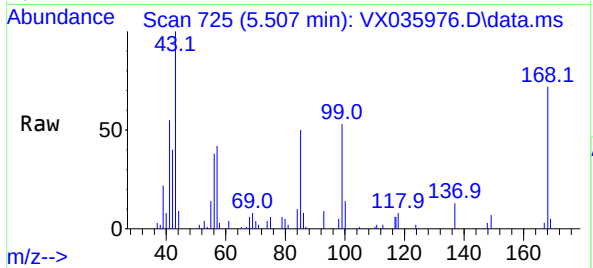




#31
Cyclohexane
Concen: 1.536 ug/l
RT: 5.507 min Scan# 719
Delta R.T. 0.037 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

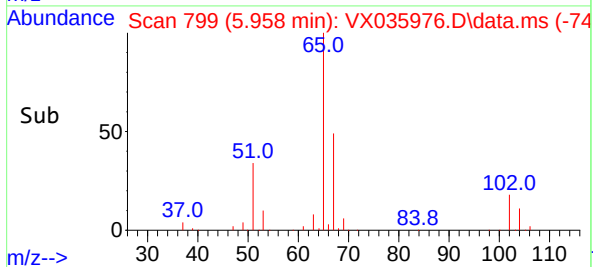
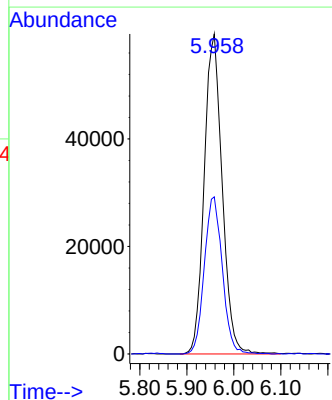
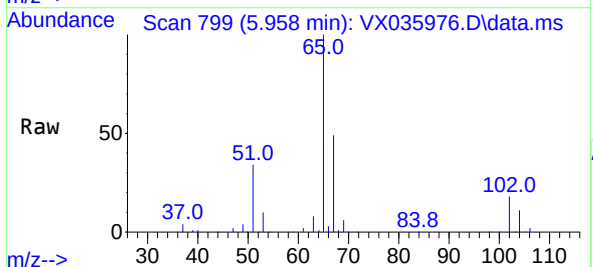
Instrument :
MSVOA_X
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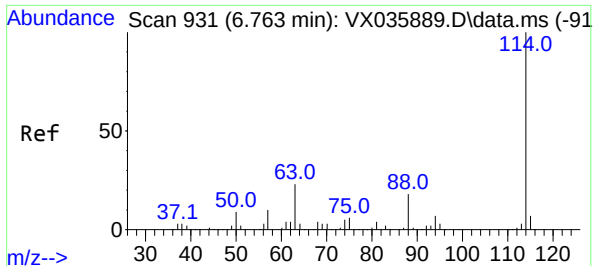
Tgt Ion: 56 Resp: 5445
Ion Ratio Lower Upper
56 100
69 20.7 25.9 38.9#
84 27.1 67.6 101.4#



#33
1,2-Dichloroethane-d4
Concen: 46.584 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.006 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion: 65 Resp: 157718
Ion Ratio Lower Upper
65 100
67 49.2 0.0 99.6

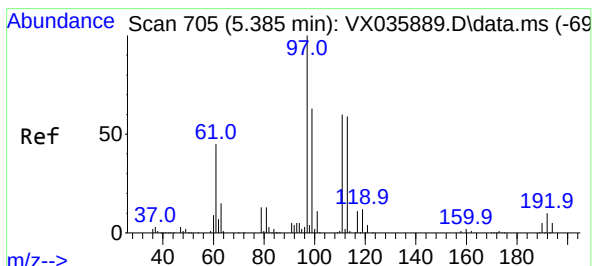
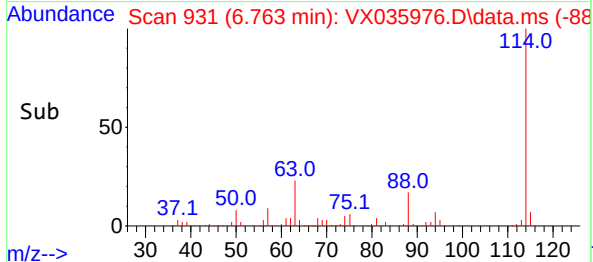
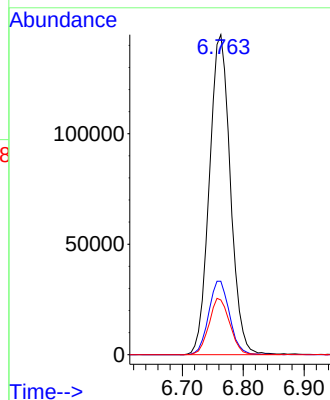
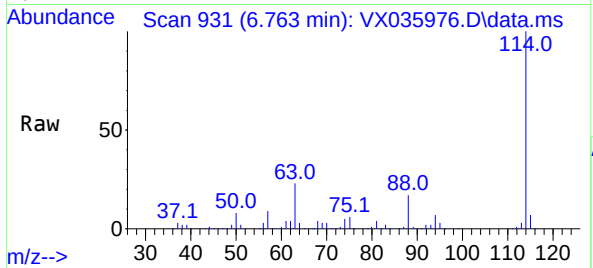




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

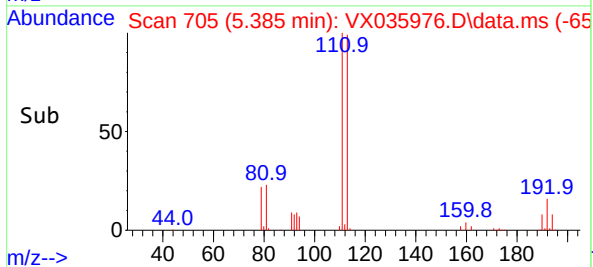
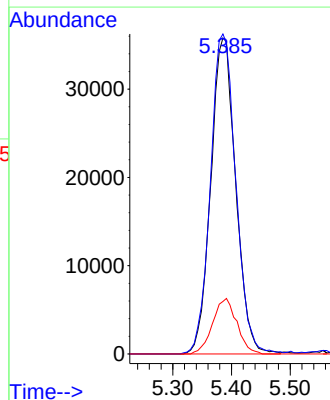
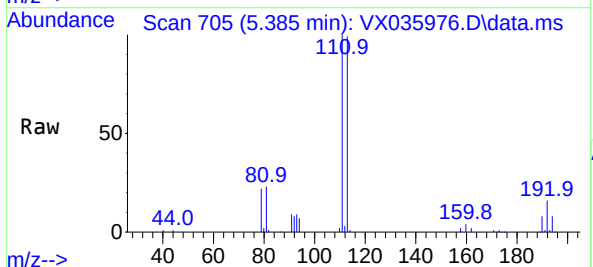
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588MEDL

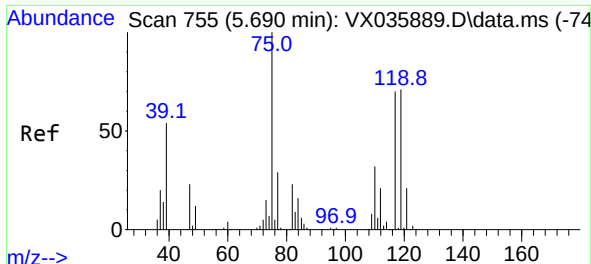
Tgt Ion:114 Resp: 346397
Ion Ratio Lower Upper
114 100
63 23.0 0.0 46.0
88 17.1 0.0 35.2



#35
Dibromofluoromethane
Concen: 45.299 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion:113 Resp: 105539
Ion Ratio Lower Upper
113 100
111 103.0 81.7 122.5
192 17.1 13.5 20.3

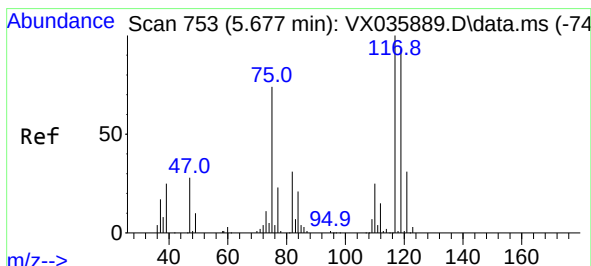
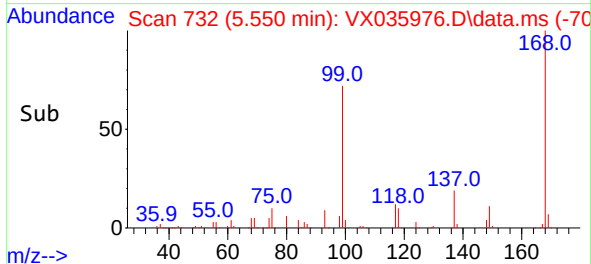
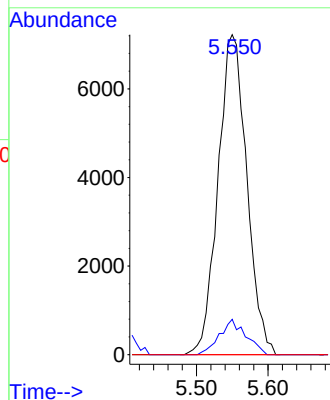
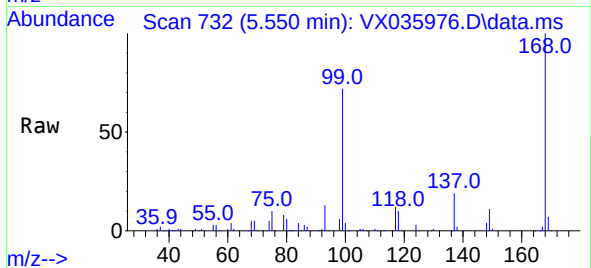




#36
1,1-Dichloropropene
Concen: 6.491 ug/l
RT: 5.550 min Scan# 712
Delta R.T. -0.140 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

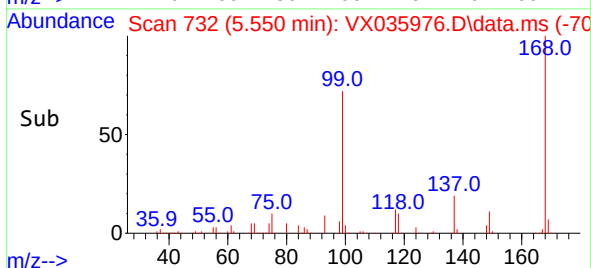
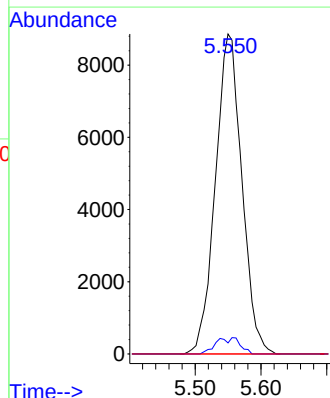
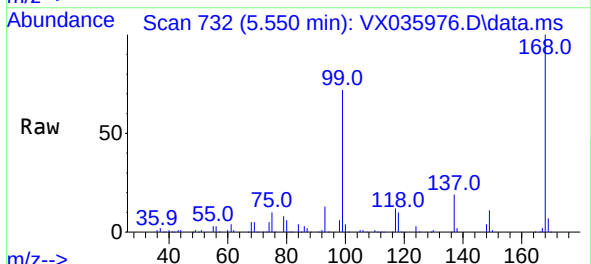
Instrument :
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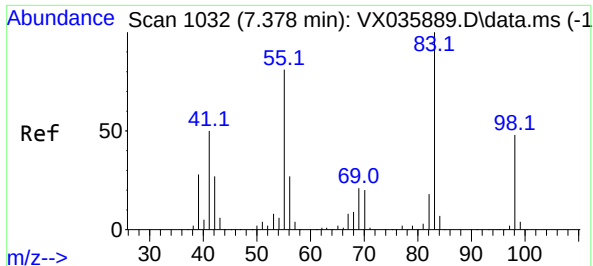
Tgt Ion: 75 Resp: 20165
Ion Ratio Lower Upper
75 100
110 10.2 16.6 49.7#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 8.191 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.127 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion: 117 Resp: 24797
Ion Ratio Lower Upper
117 100
119 3.5 74.1 111.1#
121 0.0 25.0 37.4#





#39

Methylcyclohexane

Concen: 1.209 ug/l

RT: 7.379 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX035976.D

Acq: 02 Jun 2023 12:07

Instrument :

MSVOA_X

ClientSampleId :

ORA-0588MEDL

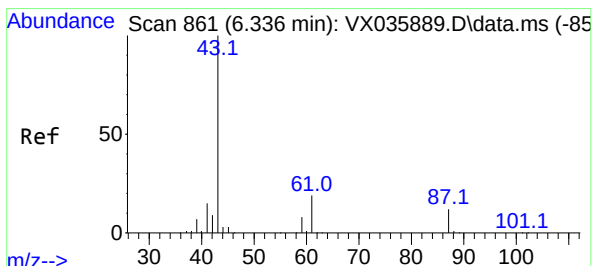
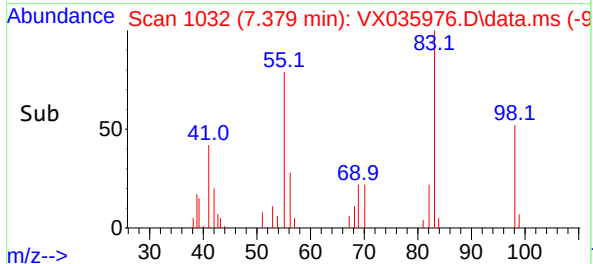
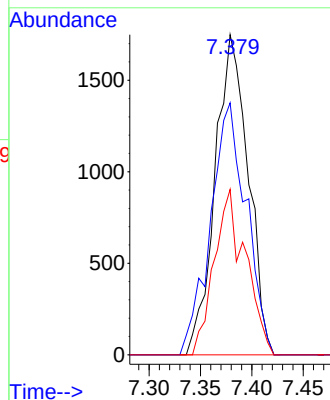
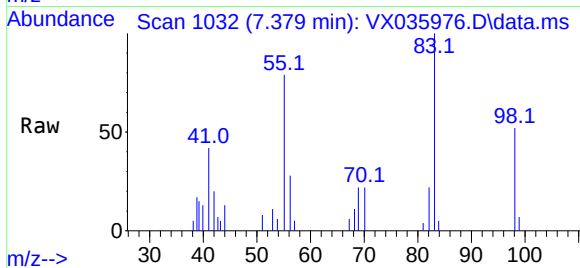
Tgt Ion: 83 Resp: 3917

Ion Ratio Lower Upper

83 100

55 78.7 64.9 97.3

98 51.7 38.1 57.1



#43

Isopropyl Acetate

Concen: 0.702 ug/l

RT: 6.178 min Scan# 835

Delta R.T. -0.158 min

Lab File: VX035976.D

Acq: 02 Jun 2023 12:07

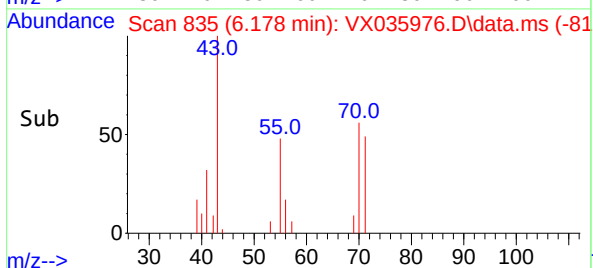
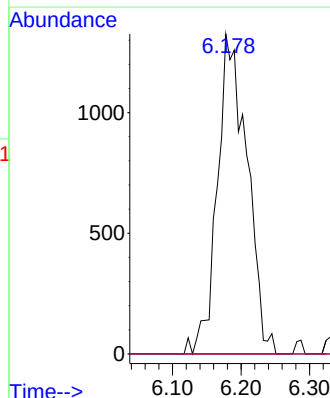
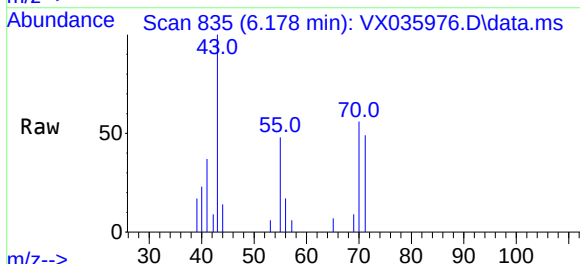
Tgt Ion: 43 Resp: 3996

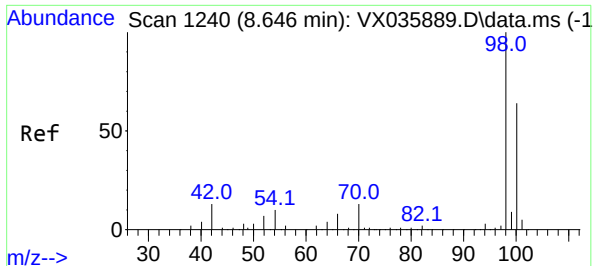
Ion Ratio Lower Upper

43 100

61 0.0 15.0 22.4#

87 0.0 9.9 14.9#

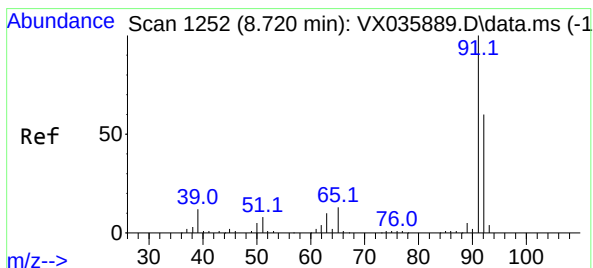
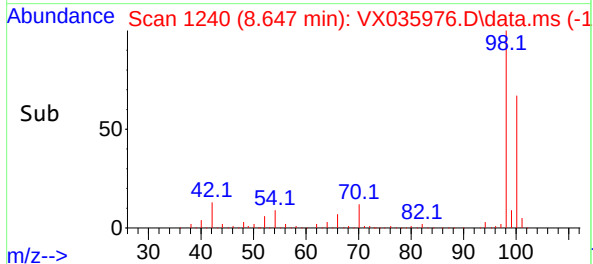
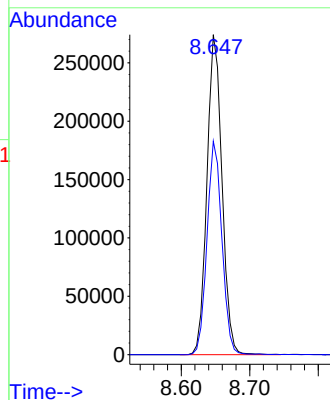
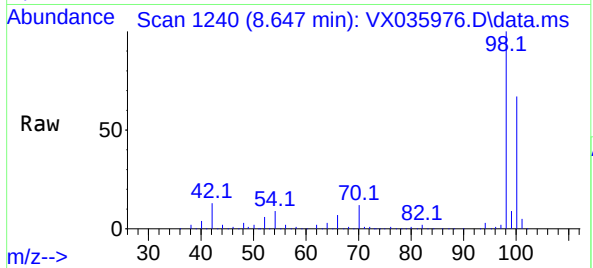




#50
Toluene-d8
Concen: 50.075 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

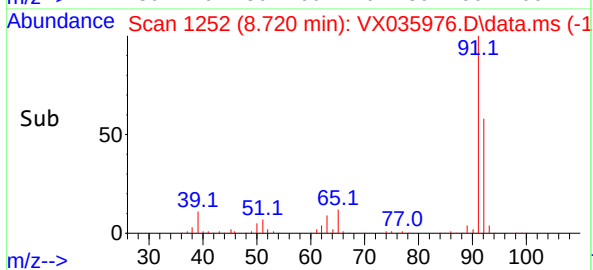
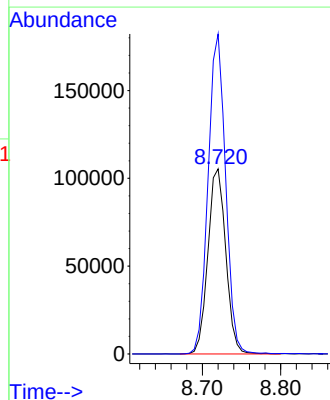
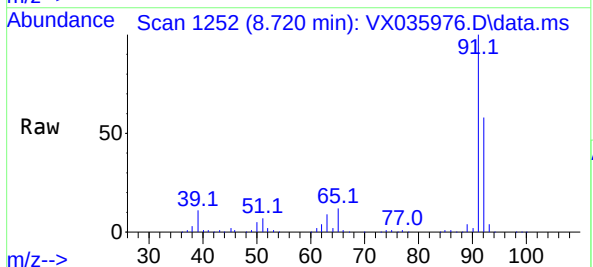
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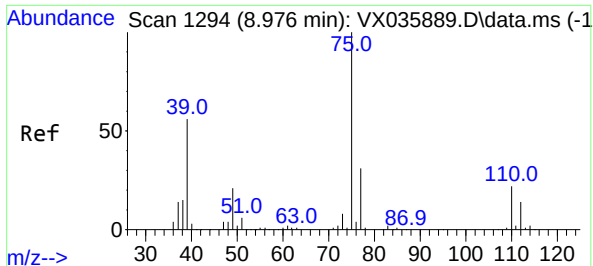
Tgt Ion: 98 Resp: 418710
Ion Ratio Lower Upper
98 100
100 66.2 53.4 80.0



#52
Toluene
Concen: 28.473 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion: 92 Resp: 166897
Ion Ratio Lower Upper
92 100
91 169.2 133.5 200.3





#53

t-1,3-Dichloropropene

Concen: 0.613 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.256 min

Lab File: VX035976.D

Acq: 02 Jun 2023 12:07

Instrument :

MSVOA_X

ClientSampleId :

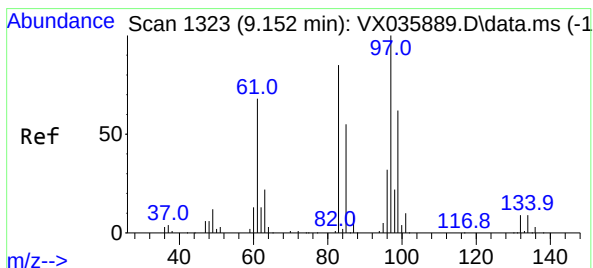
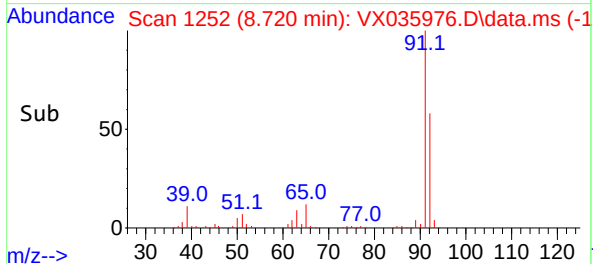
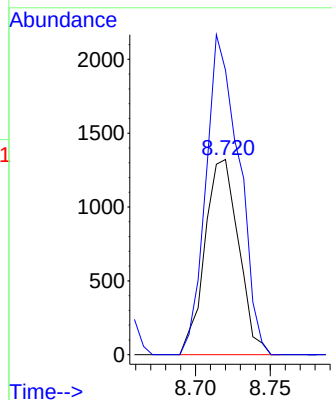
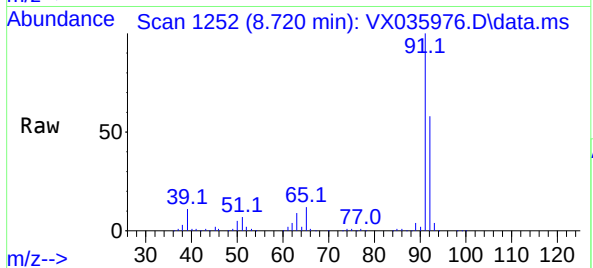
ORA-0588MEDL

Tgt Ion: 75 Resp: 2077

Ion Ratio Lower Upper

75 100

77 145.8 25.0 37.6#



#55

1,1,2-Trichloroethane

Concen: 0.335 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.054 min

Lab File: VX035976.D

Acq: 02 Jun 2023 12:07

Tgt Ion: 97 Resp: 818

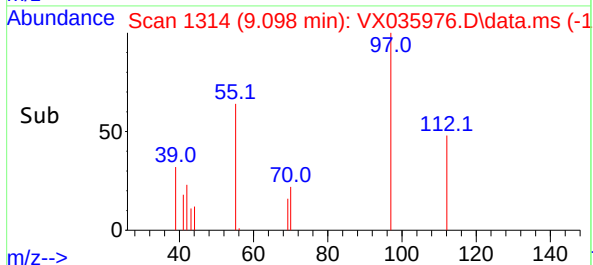
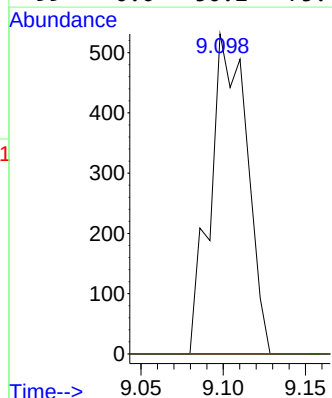
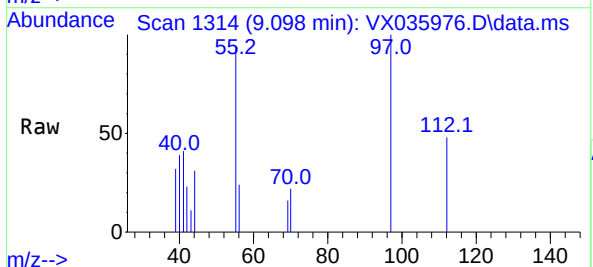
Ion Ratio Lower Upper

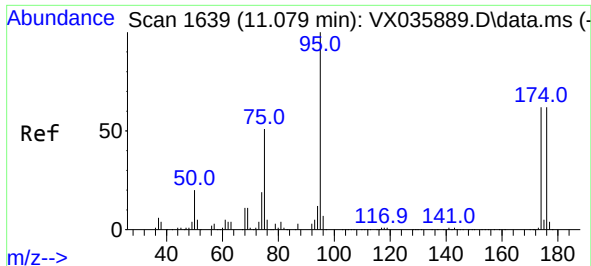
97 100

83 0.0 68.3 102.5#

85 0.0 44.2 66.2#

99 0.0 50.2 75.4#

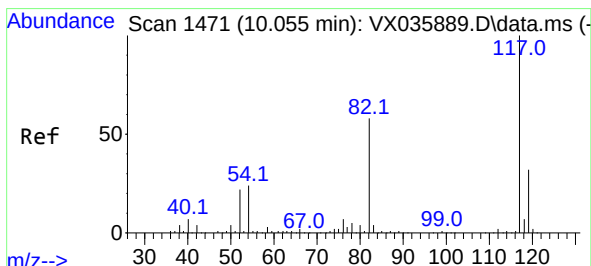
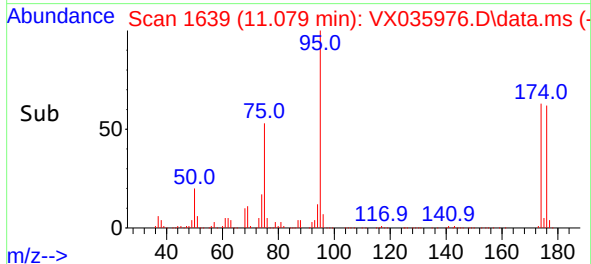
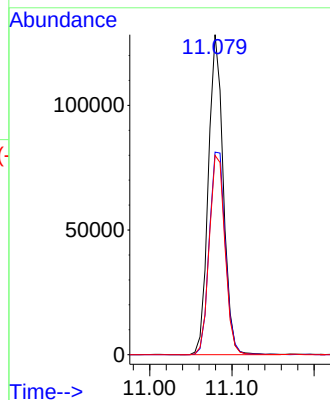
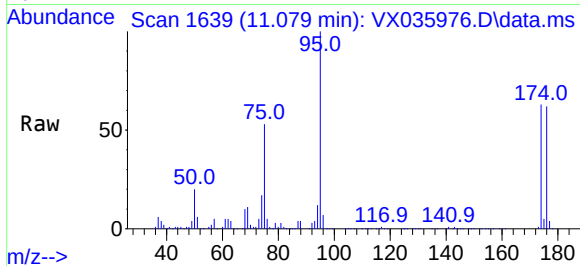




#62
4-Bromofluorobenzene
Concen: 48.992 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

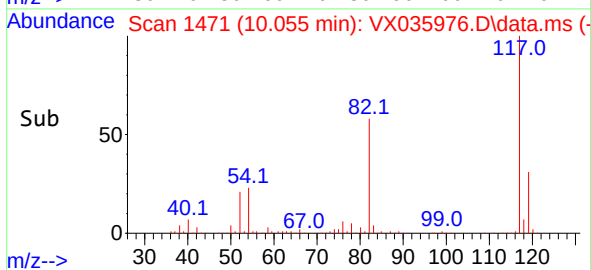
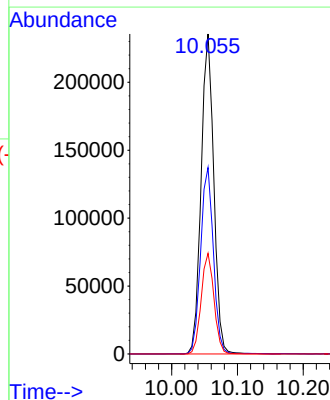
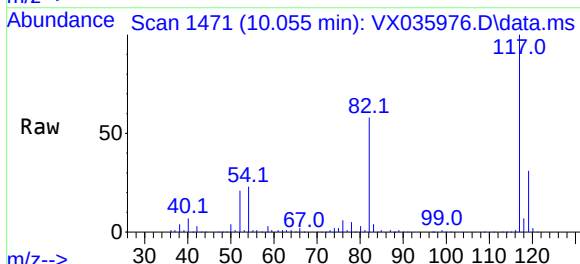
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588MEDL

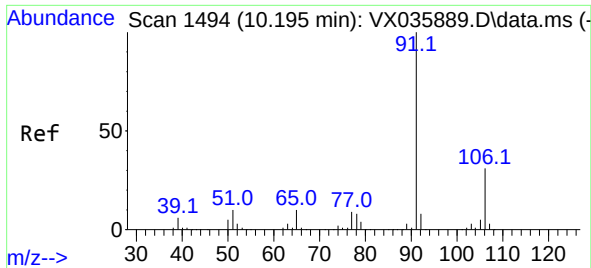
Tgt Ion: 95 Resp: 161715
Ion Ratio Lower Upper
95 100
174 68.0 0.0 132.6
176 65.5 0.0 128.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion: 117 Resp: 314302
Ion Ratio Lower Upper
117 100
82 58.2 46.6 69.8
119 31.5 25.4 38.2

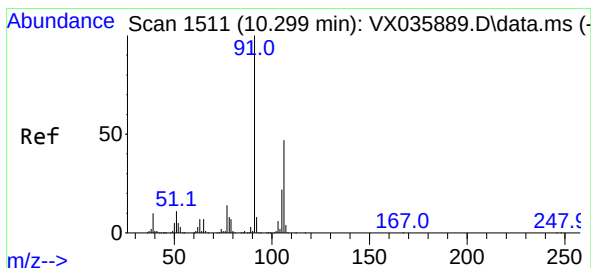
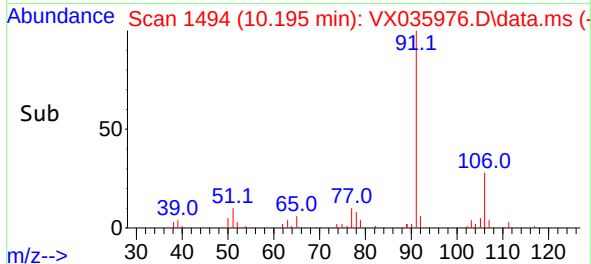
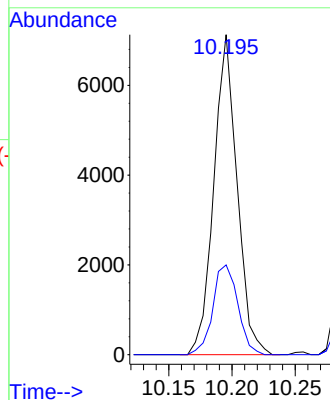
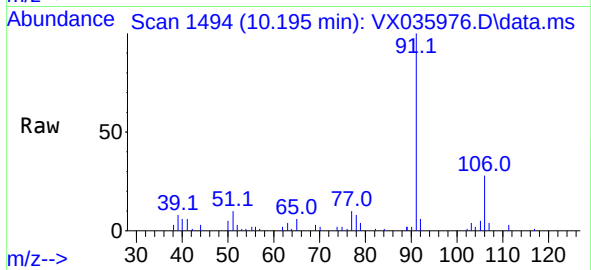




#67
Ethyl Benzene
Concen: 0.806 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

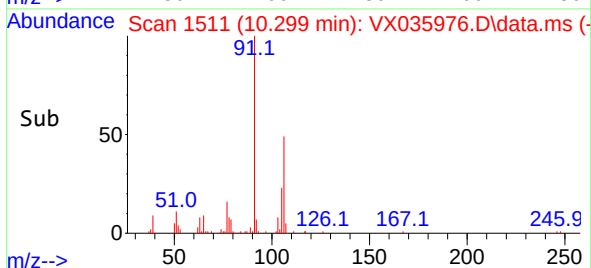
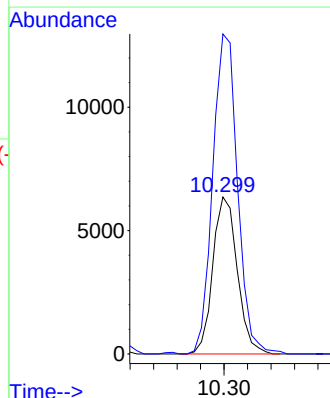
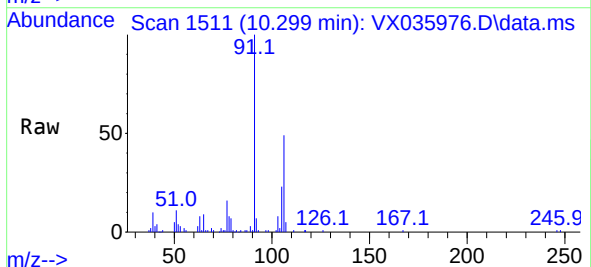
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588MEDL

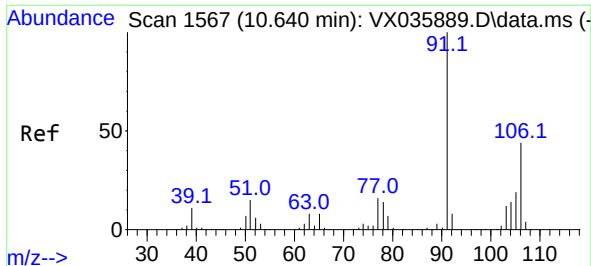
Tgt Ion: 91 Resp: 9099
Ion Ratio Lower Upper
91 100
106 28.1 24.6 37.0



#68
m/p-Xylenes
Concen: 2.146 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion: 106 Resp: 9189
Ion Ratio Lower Upper
106 100
91 207.1 169.8 254.8

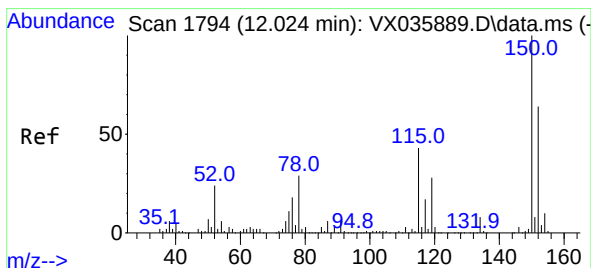
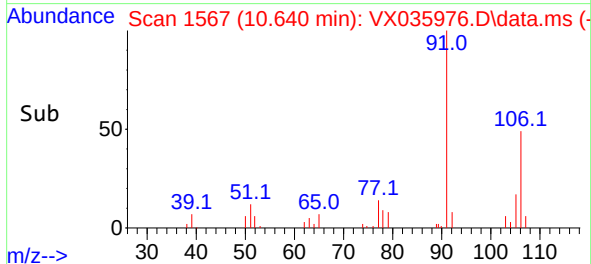
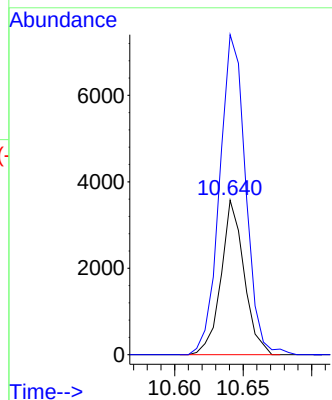
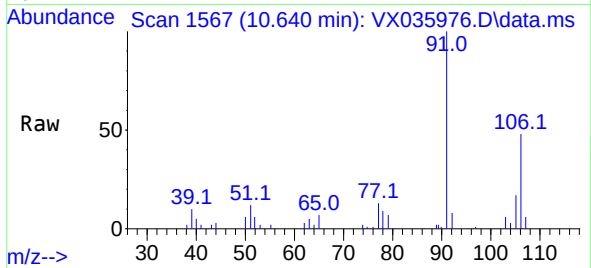




#69
o-Xylene
Concen: 0.970 ug/l
RT: 10.640 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

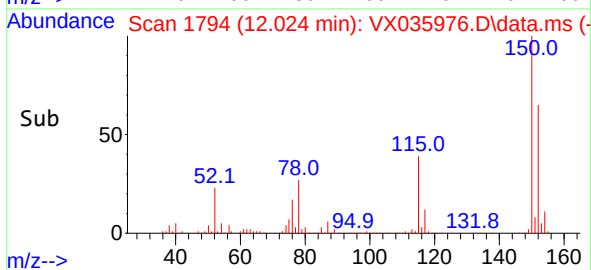
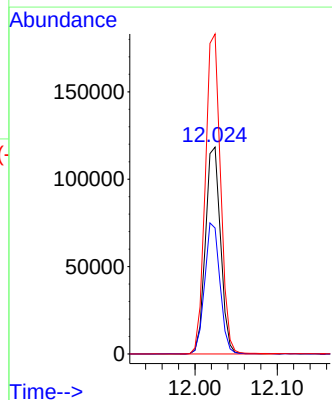
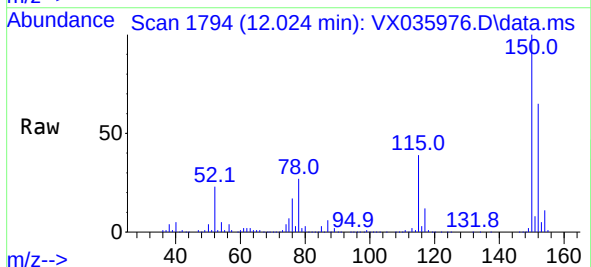
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588MEDL

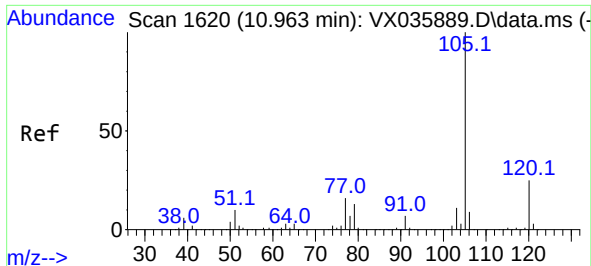
Tgt Ion:106 Resp: 4175
Ion Ratio Lower Upper
106 100
91 234.3 112.5 337.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion:152 Resp: 151570
Ion Ratio Lower Upper
152 100
115 63.9 45.5 136.5
150 156.0 0.0 345.2

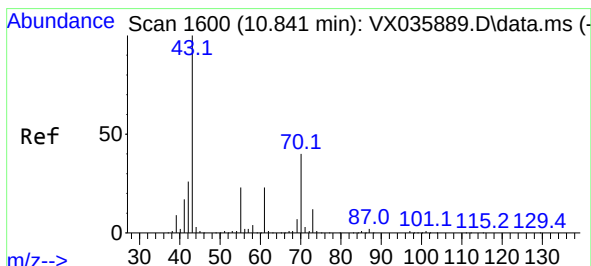
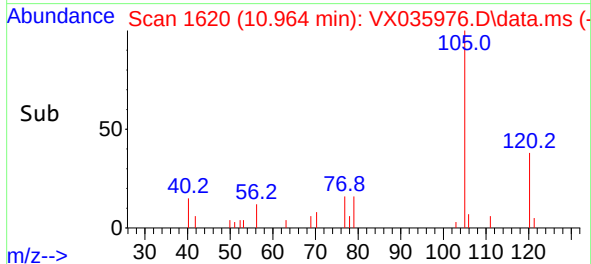
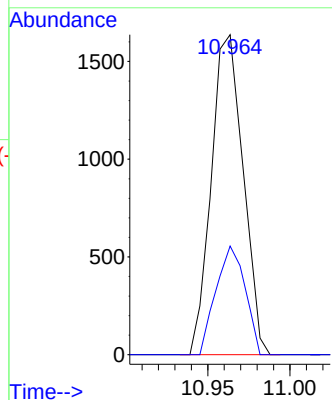
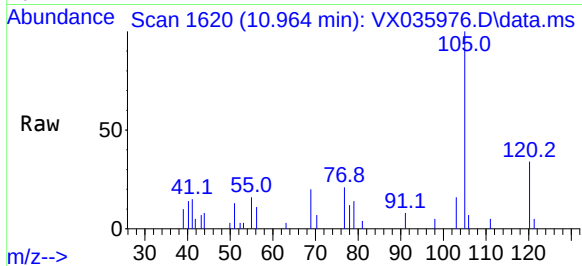




#73
Isopropylbenzene
Concen: 0.200 ug/l
RT: 10.964 min Scan# 1
Delta R.T. 0.001 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

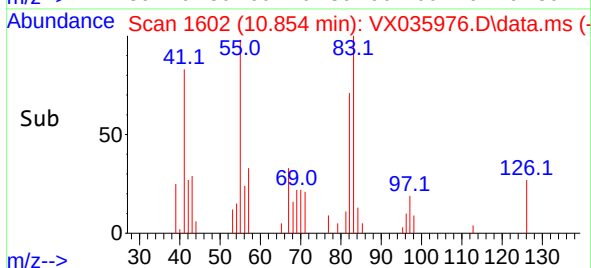
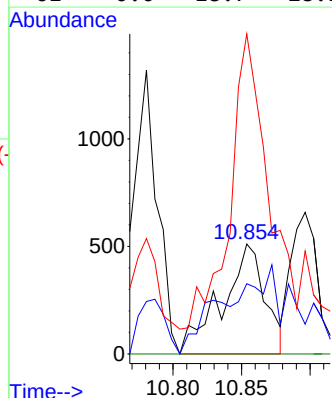
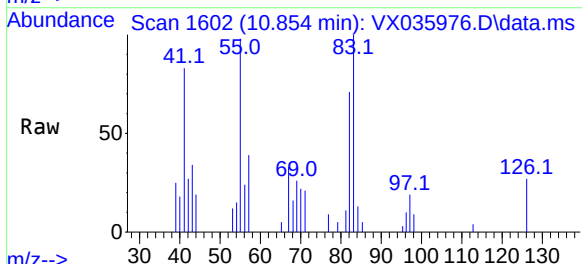
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588MEDL

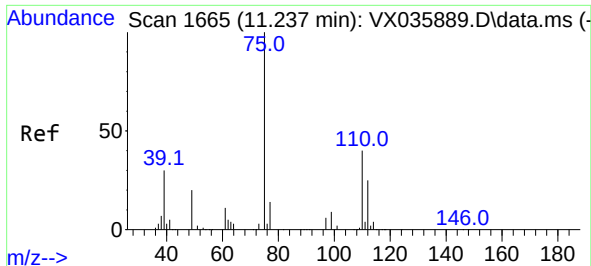
Tgt Ion:105 Resp: 2205
Ion Ratio Lower Upper
105 100
120 31.0 12.7 38.0



#74
N-ethyl acetate
Concen: 0.231 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.013 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion: 43 Resp: 1109
Ion Ratio Lower Upper
43 100
70 98.6 32.6 48.8#
55 238.8 19.0 28.4#
61 0.0 18.7 28.1#

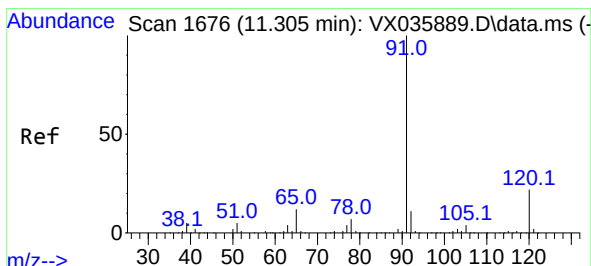
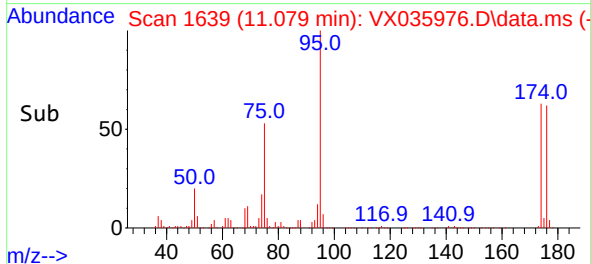
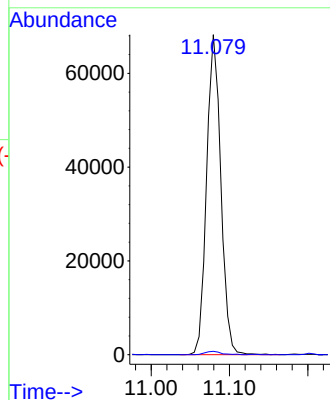
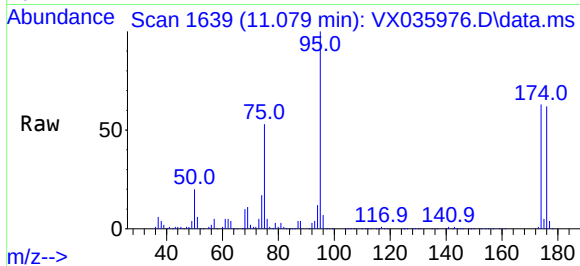




#76
1,2,3-Trichloropropane
Concen: 25.052 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

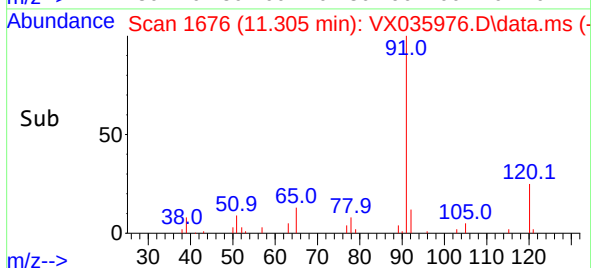
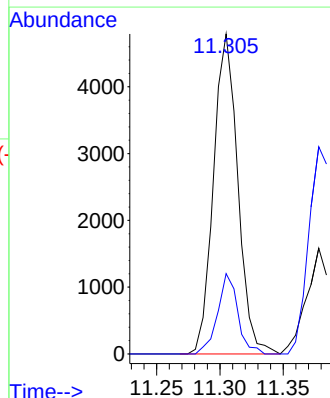
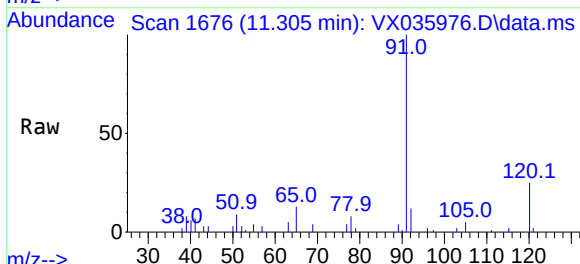
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588MEDL

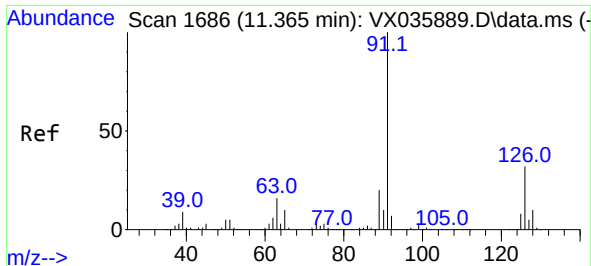
Tgt Ion: 75 Resp: 85641
Ion Ratio Lower Upper
75 100
77 1.2 21.4 64.2#



#78
n-propylbenzene
Concen: 0.515 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion: 91 Resp: 6397
Ion Ratio Lower Upper
91 100
120 20.9 10.9 32.9





#79

2-Chlorotoluene

Concen: 0.357 ug/l

RT: 11.378 min Scan# 1

Delta R.T. 0.013 min

Lab File: VX035976.D

Acq: 02 Jun 2023 12:07

Instrument :

MSVOA_X

ClientSampleId :

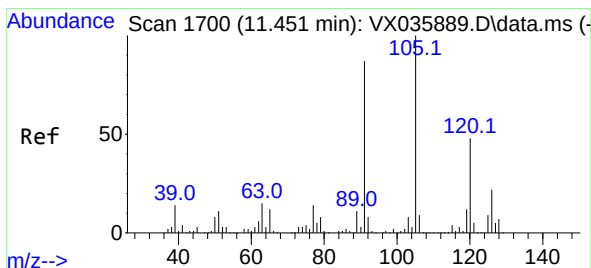
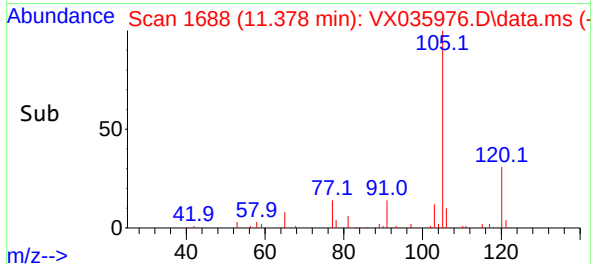
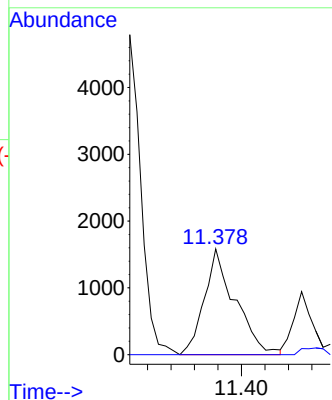
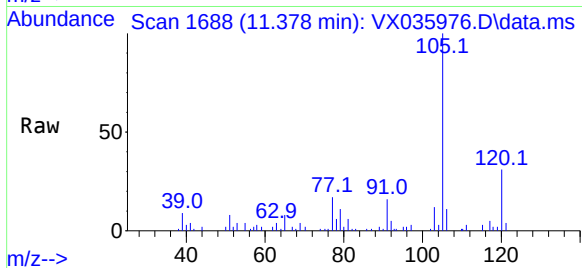
ORA-0588MEDL

Tgt Ion: 91 Resp: 2894

Ion Ratio Lower Upper

91 100

126 0.0 15.8 47.4#



#80

1,3,5-Trimethylbenzene

Concen: 0.662 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX035976.D

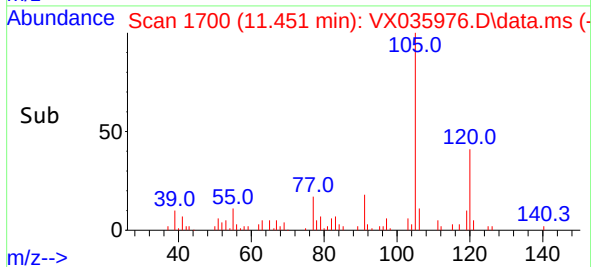
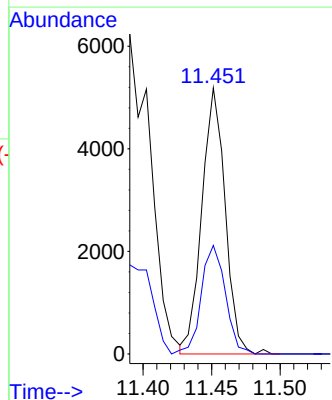
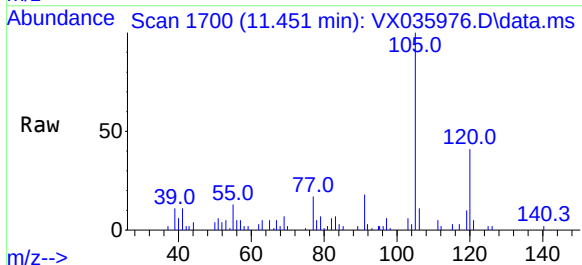
Acq: 02 Jun 2023 12:07

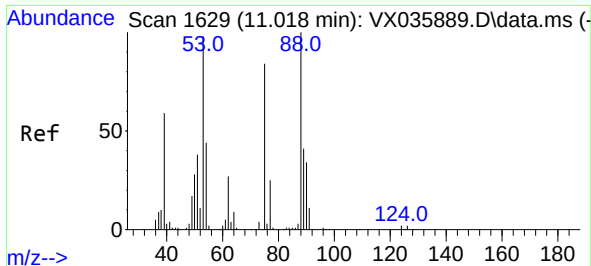
Tgt Ion: 105 Resp: 6148

Ion Ratio Lower Upper

105 100

120 42.2 23.8 71.4

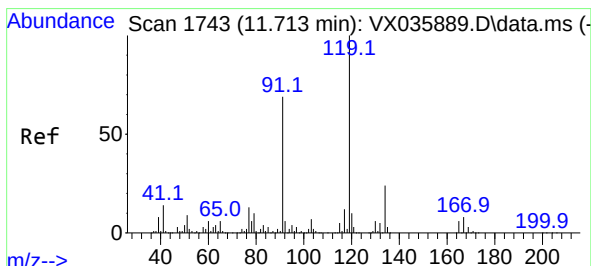
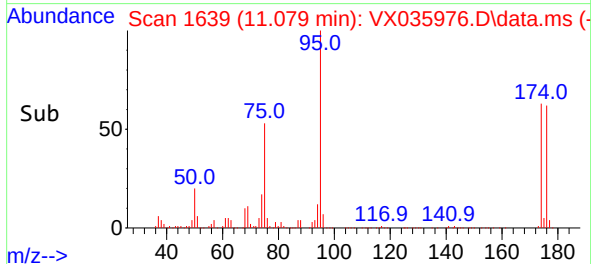
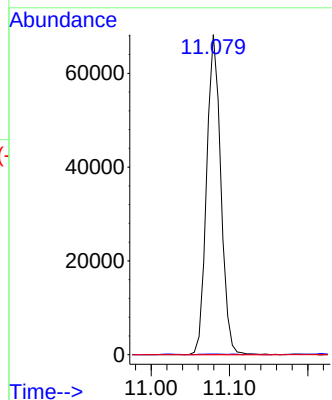
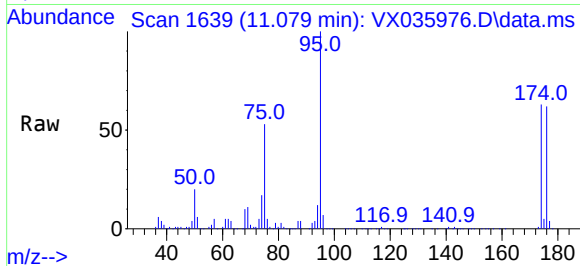




#81
trans-1,4-Dichloro-2-butene
Concen: 84.382 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

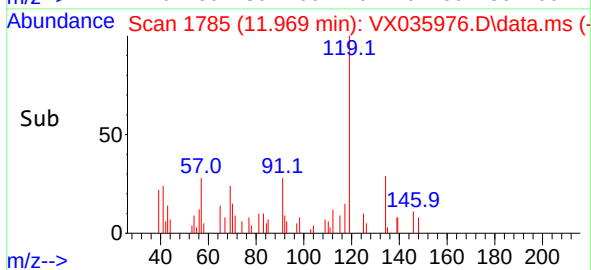
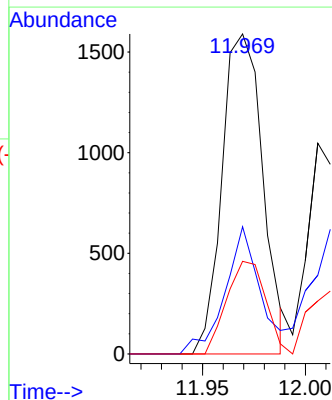
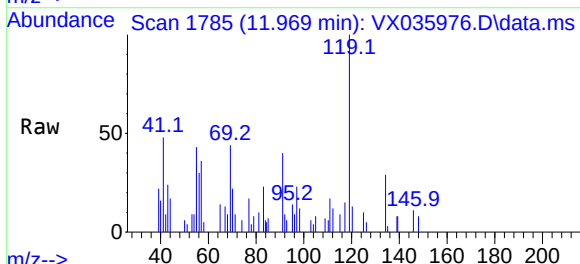
Instrument :
MSVOA_X
ClientSampleId :
ORA-0588MEDL

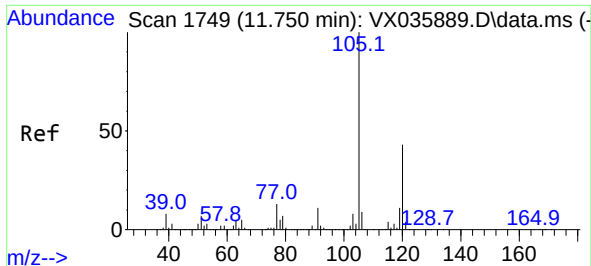
Tgt Ion: 75 Resp: 85641
Ion Ratio Lower Upper
75 100
53 0.3 95.2 142.8#
89 0.0 38.0 57.0#



#83
tert-Butylbenzene
Concen: 0.247 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.256 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion: 119 Resp: 2189
Ion Ratio Lower Upper
119 100
91 34.2 32.4 97.0
134 27.7 11.6 34.8

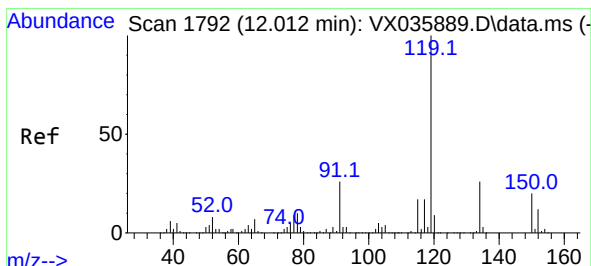
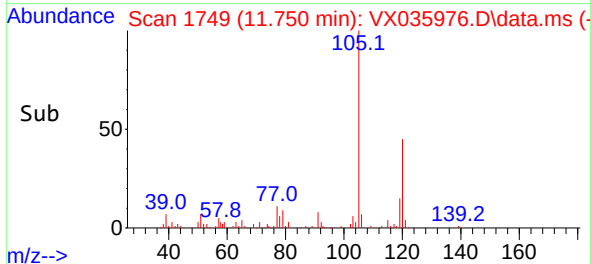
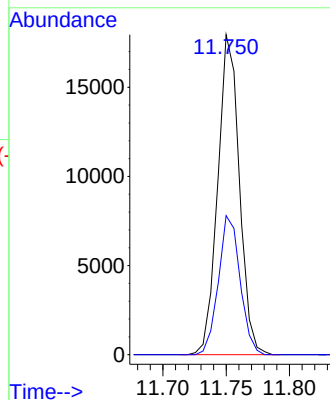
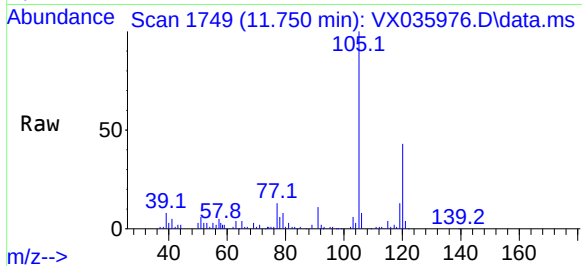




#84
1,2,4-Trimethylbenzene
Concen: 2.229 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

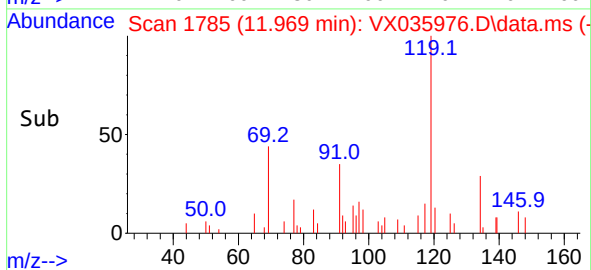
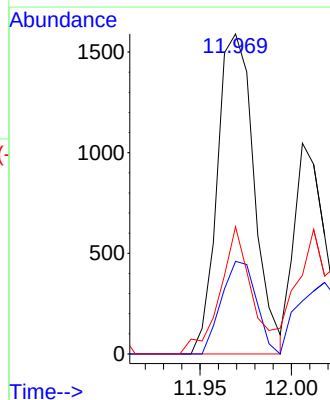
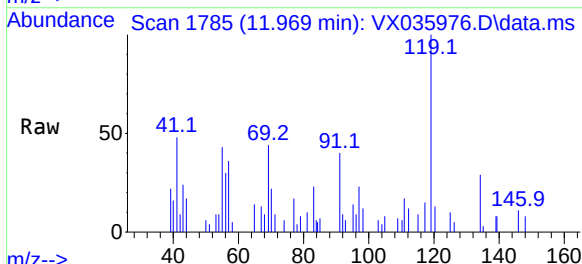
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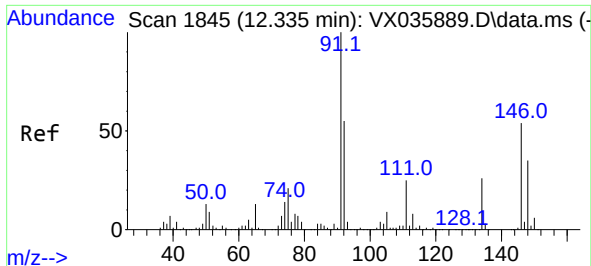
Tgt Ion:105 Resp: 21247
Ion Ratio Lower Upper
105 100
120 43.6 21.6 64.8



#86
p-Isopropyltoluene
Concen: 0.247 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.043 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Tgt Ion:119 Resp: 2224
Ion Ratio Lower Upper
119 100
134 27.3 12.7 38.1
91 33.7 13.5 40.5





#89

n-Butylbenzene

Concen: 0.672 ug/l

RT: 12.329 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX035976.D

Acq: 02 Jun 2023 12:07

Instrument :

MSVOA_X

ClientSampleId :

ORA-0588MEDL

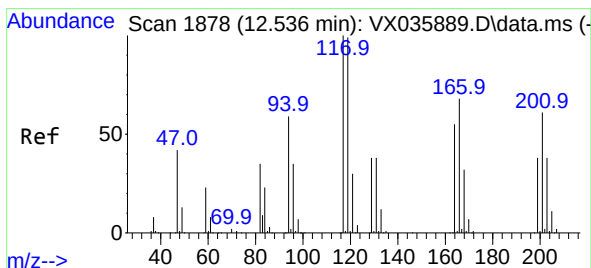
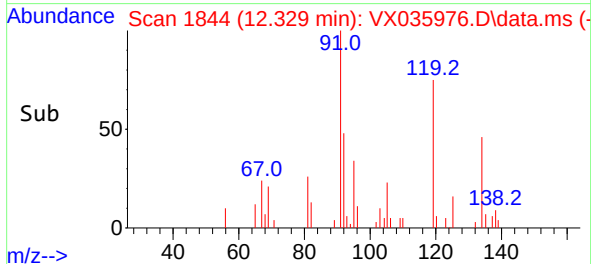
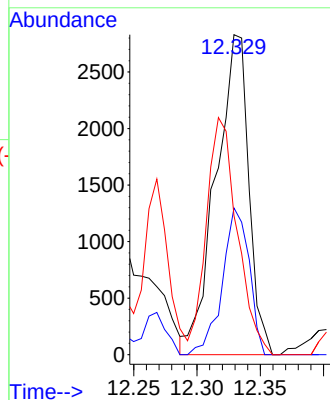
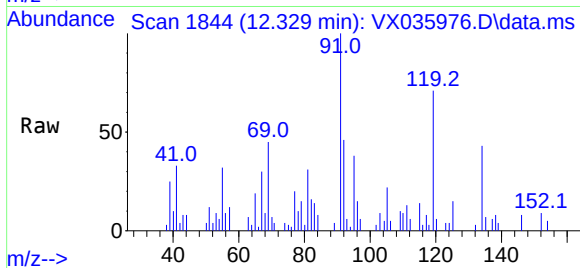
Tgt Ion: 91 Resp: 5109

Ion Ratio Lower Upper

91 100

92 37.3 27.3 81.8

134 69.5 12.4 37.0#



#90

Hexachloroethane

Concen: 0.292 ug/l

RT: 12.530 min Scan# 1877

Delta R.T. -0.006 min

Lab File: VX035976.D

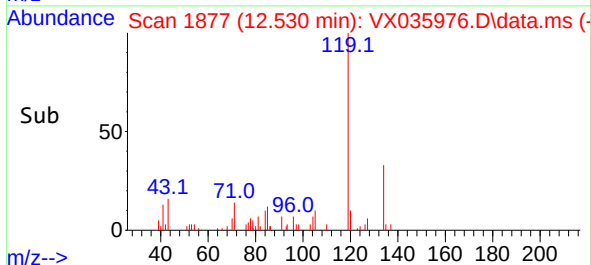
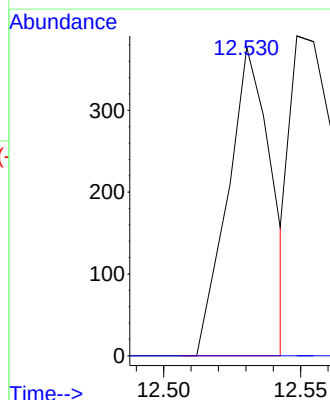
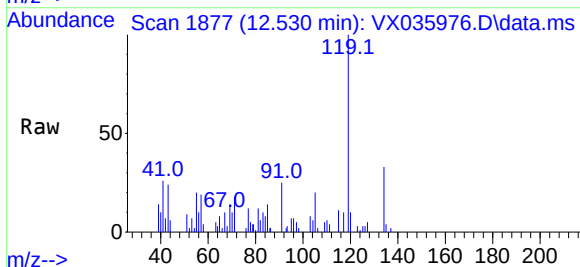
Acq: 02 Jun 2023 12:07

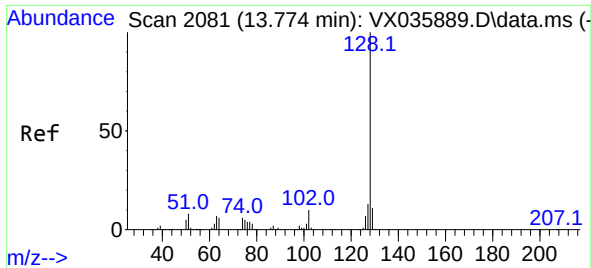
Tgt Ion: 117 Resp: 417

Ion Ratio Lower Upper

117 100

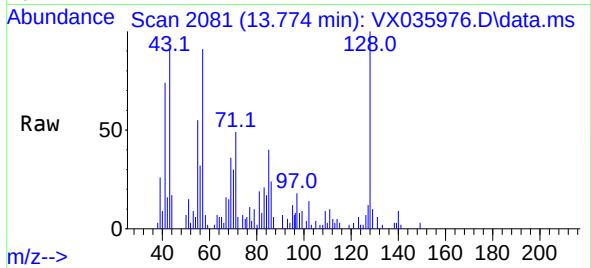
201 0.0 32.7 98.1#





#95
Naphthalene
Concen: 0.458 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX035976.D
Acq: 02 Jun 2023 12:07

Instrument :
MSVOA_X
ClientSampleId :
ORA-0588MEDL



Tgt Ion:128 Resp: 4603
Ion Ratio Lower Upper
128 100
127 17.2 10.3 15.5#
129 16.9 8.7 13.1#

