

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035044.D
 Acq On : 12 Apr 2023 14:12
 Operator : JC/MD
 Sample : 02267-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33988

Quant Time: Apr 13 02:34:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	268756	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	458118	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	413502	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	195705	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	185754	45.193	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.380%
35) Dibromofluoromethane	5.385	113	144265	47.611	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.220%
50) Toluene-d8	8.647	98	551097	49.275	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.540%
62) 4-Bromofluorobenzene	11.079	95	208981	48.286	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.580%

Target Compounds						Qvalue
11) Tert butyl alcohol	2.995	59	2985	4.139	ug/l #	73
13) Acrolein	2.221	56	412	0.555	ug/l #	1
14) Allyl chloride	2.587	41	2454	0.454	ug/l #	1
15) Acrylonitrile	3.105	53	3016	1.858	ug/l #	27
16) Acetone	2.392	43	43236	25.894	ug/l	100
18) Methyl Acetate	2.593	43	15253	2.571	ug/l #	53
19) Methyl tert-butyl Ether	3.111	73	250775	24.549	ug/l	97
20) Methylene Chloride	2.794	84	718	0.218	ug/l #	71
22) Diisopropyl ether	3.757	45	47299	4.337	ug/l #	76
23) Vinyl Acetate	3.757	43	24278	3.121	ug/l #	72
25) 2-Butanone	4.574	43	12058	4.965	ug/l	97
31) Cyclohexane	5.471	56	4400	0.879	ug/l #	92
36) 1,1-Dichloropropene	5.550	75	22083	4.919	ug/l #	51
37) Ethyl Acetate	4.574	43	12058	2.569	ug/l #	74
38) Carbon Tetrachloride	5.550	117	28486	6.730	ug/l #	17
39) Methylcyclohexane	7.373	83	2079	0.436	ug/l #	93
40) Benzene	6.037	78	1258906	97.692	ug/l	100
42) 1,2-Dichloroethane	6.037	62	11848	2.313	ug/l #	75
43) Isopropyl Acetate	6.318	43	5591	0.712	ug/l #	20
51) 4-Methyl-2-Pentanone	8.580	43	2824	0.608	ug/l	96
52) Toluene	8.720	92	1837087	218.642	ug/l	96
53) t-1,3-Dichloropropene	8.720	75	23075	5.026	ug/l #	1
59) 2-Hexanone	9.445	43	1073	0.305	ug/l	91
67) Ethyl Benzene	10.195	91	38615	2.478	ug/l	91
68) m/p-Xylenes	10.299	106	479644	80.565	ug/l	99
69) o-Xylene	10.640	106	596656	102.303	ug/l	100
70) Styrene	10.640	104	29585	3.178	ug/l #	1
73) Isopropylbenzene	10.963	105	5571	0.389	ug/l	98
76) 1,2,3-Trichloropropane	11.079	75	106541	27.018	ug/l #	35
78) n-propylbenzene	11.311	91	4410	0.266	ug/l #	53
79) 2-Chlorotoluene	11.378	91	35749	3.419	ug/l #	42
80) 1,3,5-Trimethylbenzene	11.451	105	122801	10.245	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	106541	80.971	ug/l #	8
82) 4-Chlorotoluene	11.451	91	13799	1.136	ug/l #	49
83) tert-Butylbenzene	11.750	119	14552	1.293	ug/l #	56
84) 1,2,4-Trimethylbenzene	11.750	105	123713	10.150	ug/l	100

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

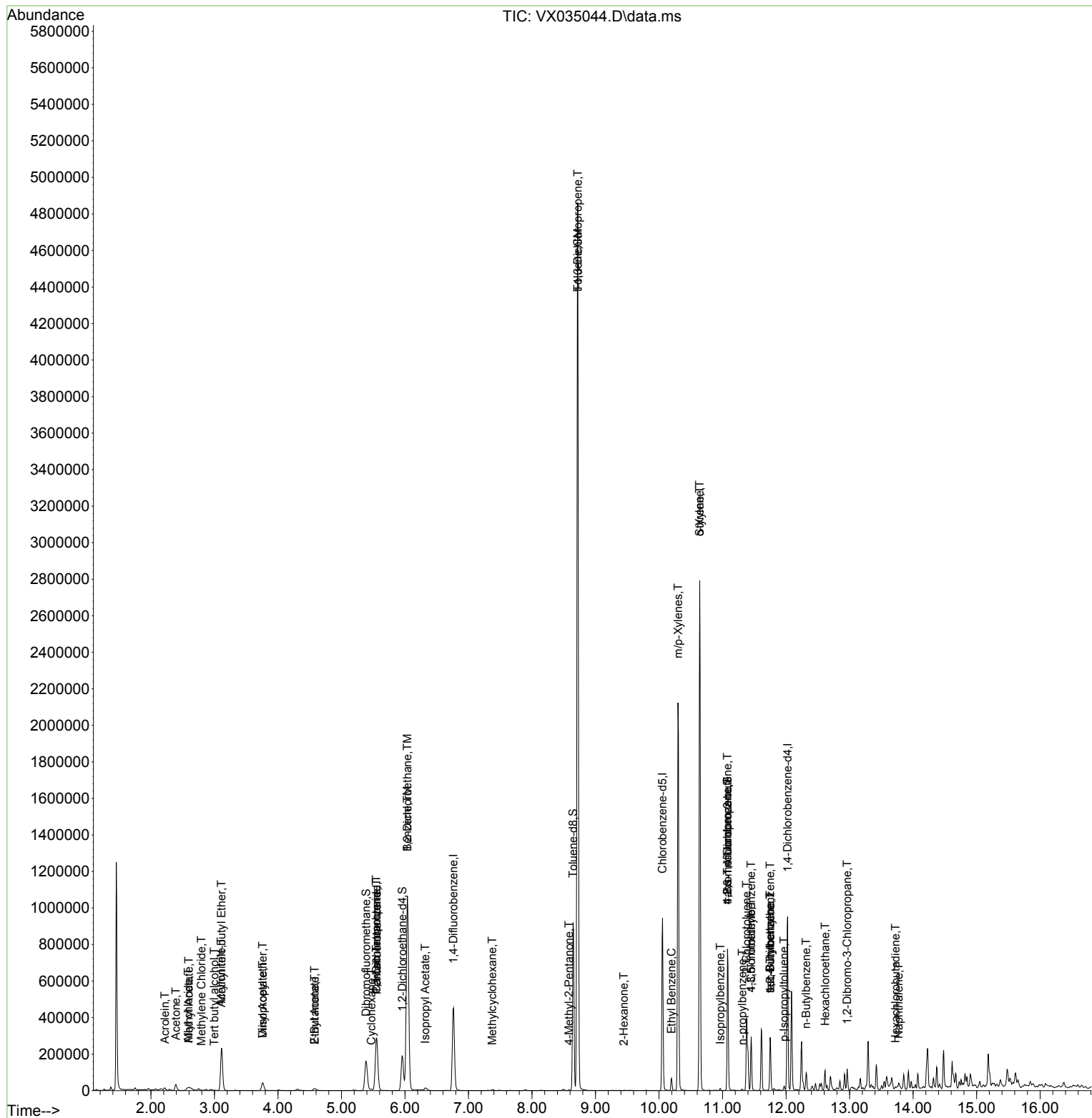
85) sec-Butylbenzene	11.750	105	123575	9.025	ug/l #	56
86) p-Isopropyltoluene	11.969	119	8372	0.733	ug/l	93
89) n-Butylbenzene	12.317	91	9669	0.969	ug/l #	1
90) Hexachloroethane	12.616	117	4717	2.666	ug/l #	15
92) 1,2-Dibromo-3-Chloropr...	12.963	75	477	0.486	ug/l #	5
94) Hexachlorobutadiene	13.725	225	503	0.312	ug/l	90
95) Naphthalene	13.774	128	19490	1.497	ug/l #	93

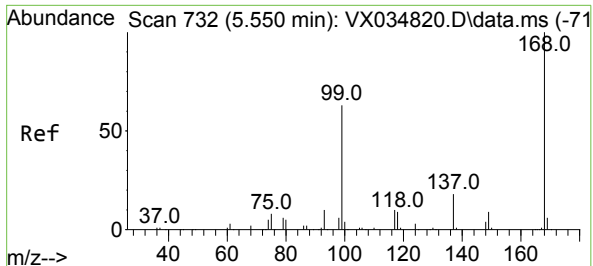
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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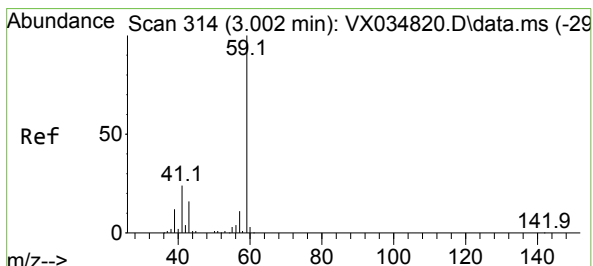
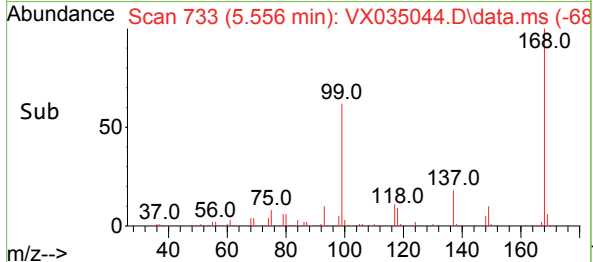
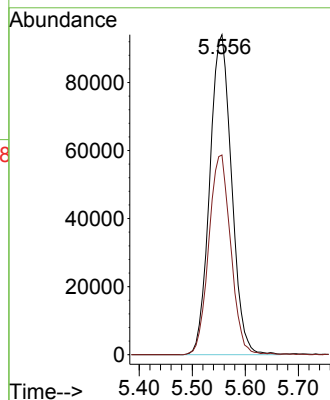
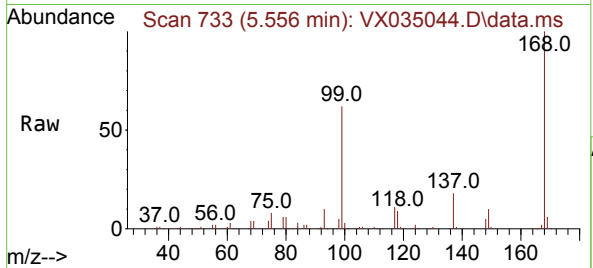




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX035044.D
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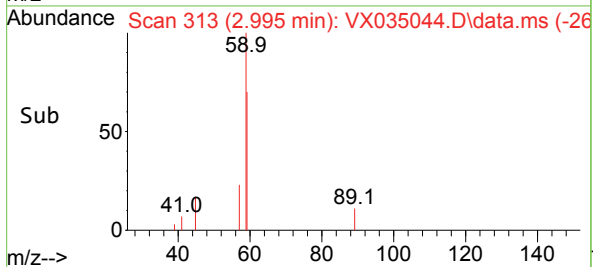
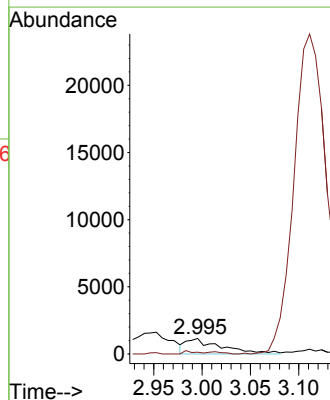
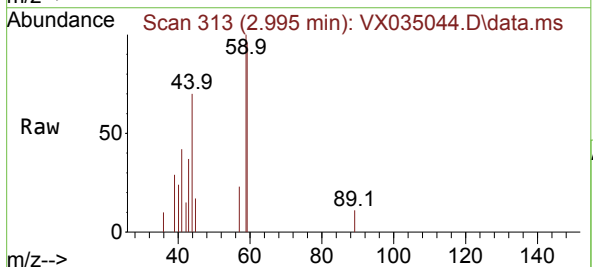
Instrument :
MSVOA_X
ClientSampleId :
33988

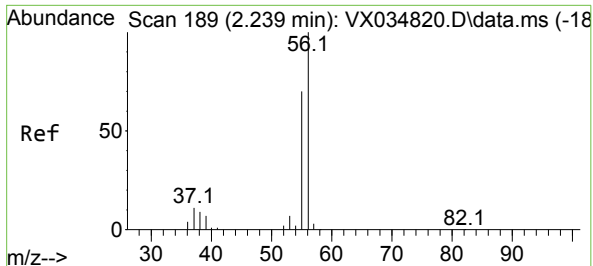
Tgt Ion:168 Resp: 268756
Ion Ratio Lower Upper
168 100
99 62.4 45.7 68.5



#11
Tert butyl alcohol
Concen: 4.139 ug/l
RT: 2.995 min Scan# 313
Delta R.T. -0.006 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 59 Resp: 2985
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#





#13

Acrolein

Concen: 0.555 ug/l

RT: 2.221 min Scan# 11

Delta R.T. -0.018 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

Instrument :

MSVOA_X

ClientSampleId :

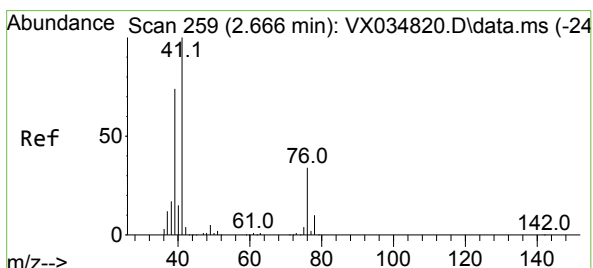
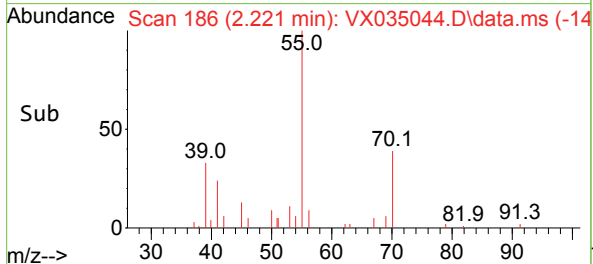
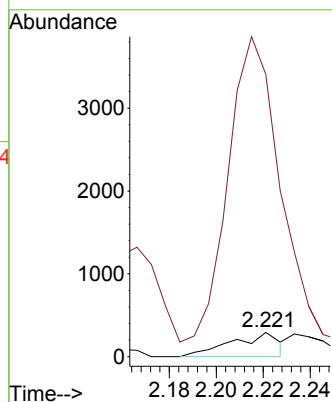
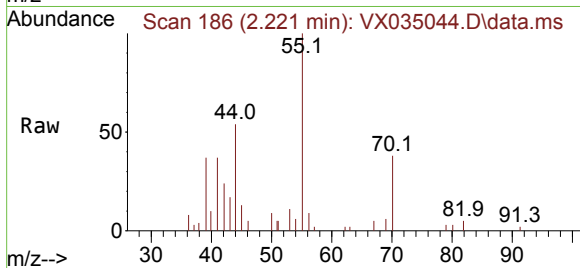
33988

Tgt Ion: 56 Resp: 412

Ion Ratio Lower Upper

56 100

55 1549.0 56.6 85.0#



#14

Allyl chloride

Concen: 0.454 ug/l

RT: 2.587 min Scan# 246

Delta R.T. -0.079 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

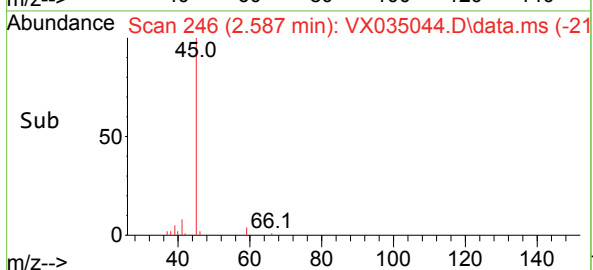
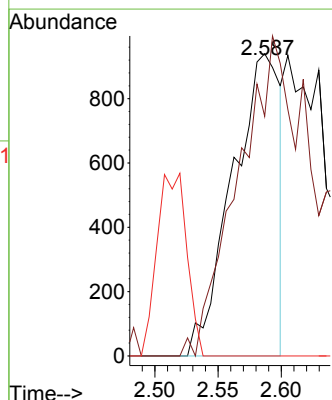
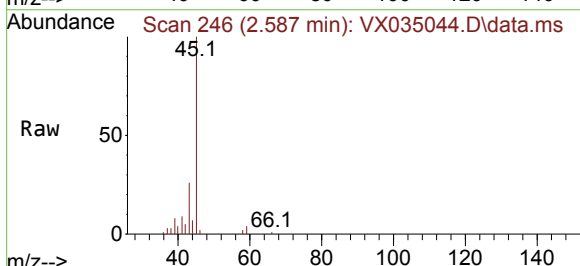
Tgt Ion: 41 Resp: 2454

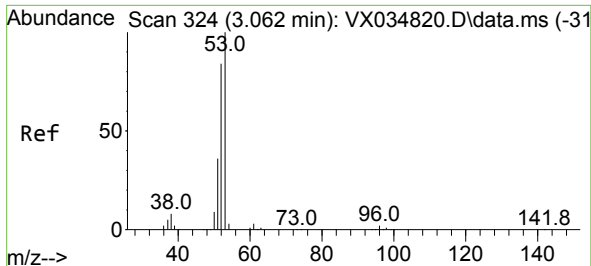
Ion Ratio Lower Upper

41 100

39 197.0 52.4 78.6#

76 0.0 26.0 39.0#





#15

Acrylonitrile

Concen: 1.858 ug/l

RT: 3.105 min Scan# 31

Delta R.T. 0.043 min

Lab File: VX035044.D

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33988

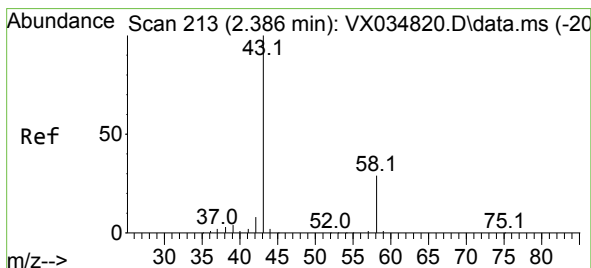
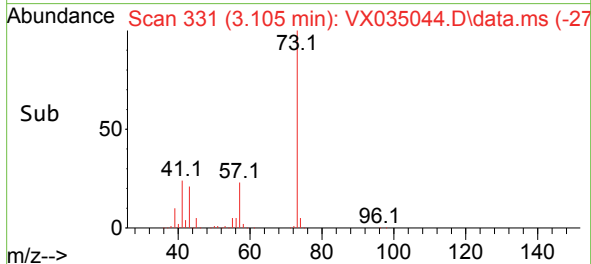
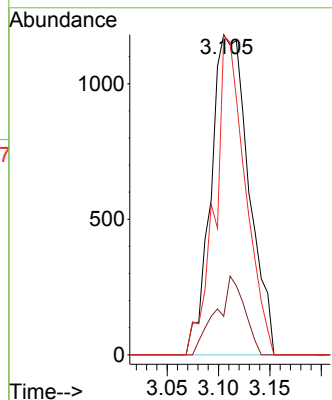
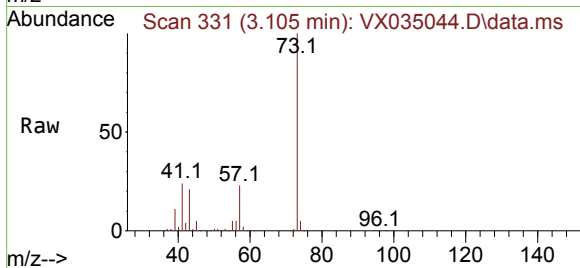
Tgt Ion: 53 Resp: 3016

Ion Ratio Lower Upper

53 100

52 18.4 66.2 99.2#

51 80.5 28.3 42.5#



#16

Acetone

Concen: 25.894 ug/l

RT: 2.392 min Scan# 214

Delta R.T. 0.006 min

Lab File: VX035044.D

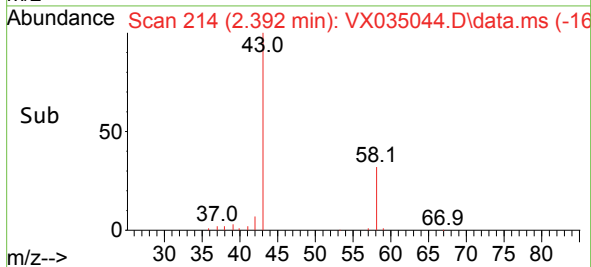
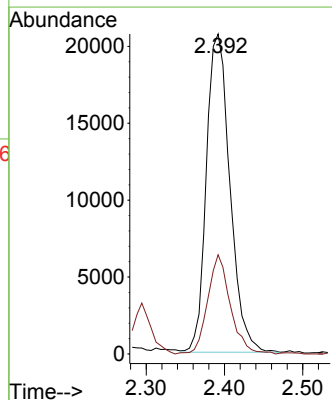
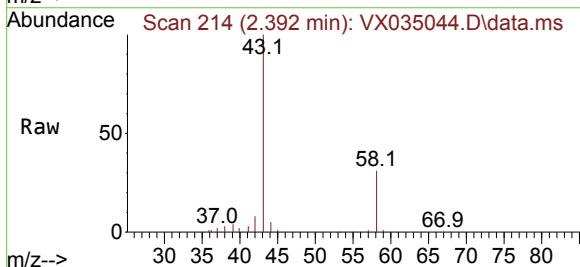
Acq: 12 Apr 2023 14:12

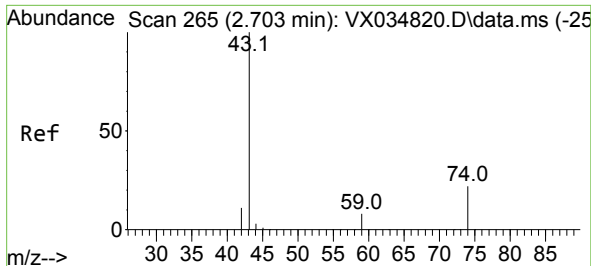
Tgt Ion: 43 Resp: 43236

Ion Ratio Lower Upper

43 100

58 30.9 24.7 37.1

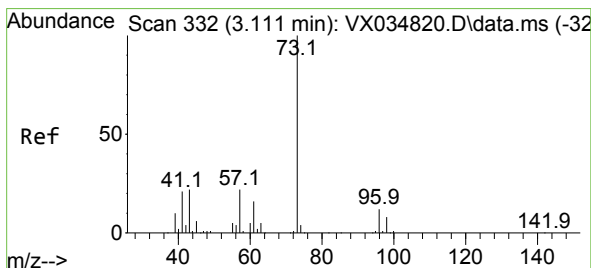
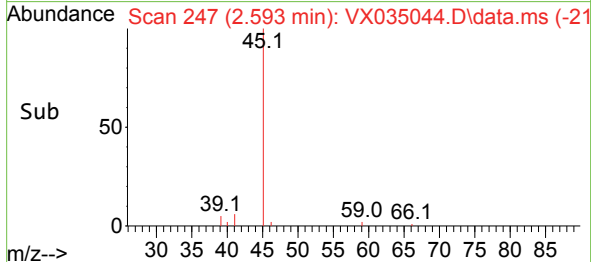
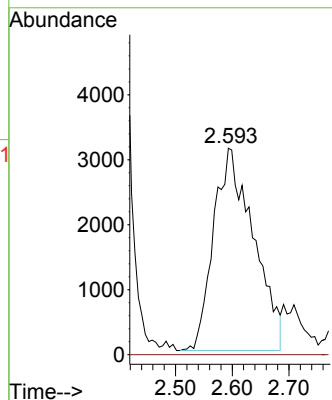
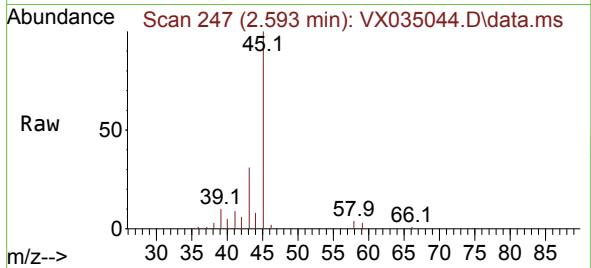




#18
Methyl Acetate
Concen: 2.571 ug/l
RT: 2.593 min Scan# 247
Delta R.T. -0.110 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

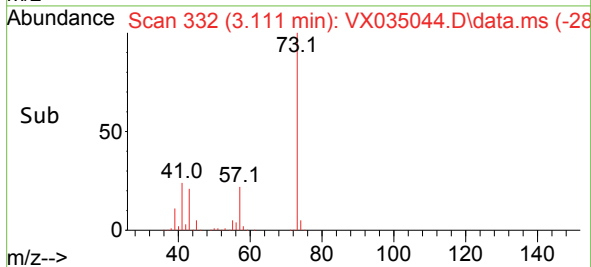
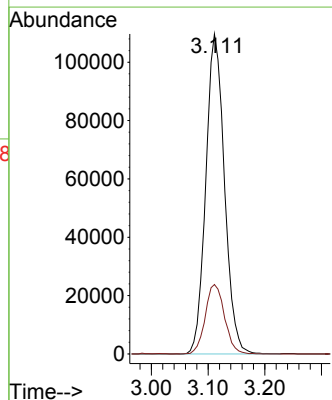
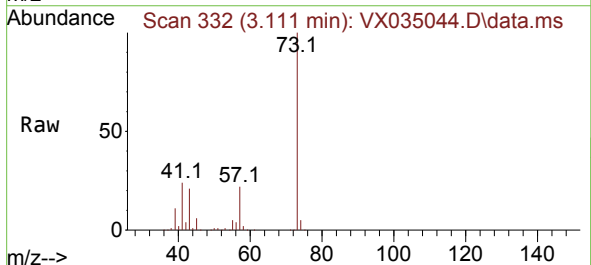
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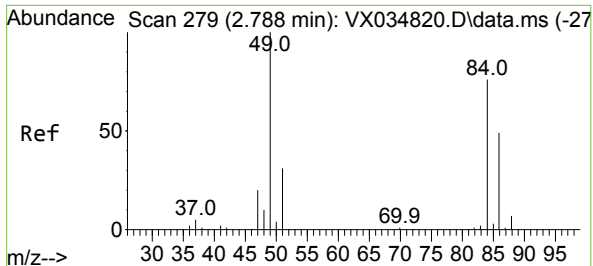
Tgt Ion: 43 Resp: 15253
Ion Ratio Lower Upper
43 100
74 0.0 18.3 27.5#



#19
Methyl tert-butyl Ether
Concen: 24.549 ug/l
RT: 3.111 min Scan# 332
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 73 Resp: 250775
Ion Ratio Lower Upper
73 100
57 21.7 18.5 27.7

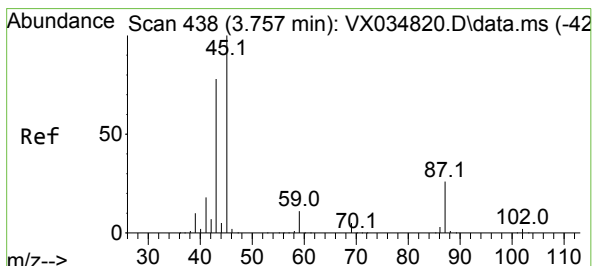
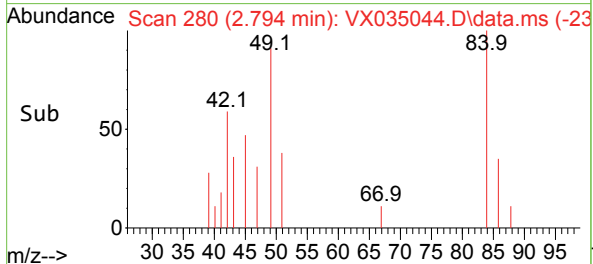
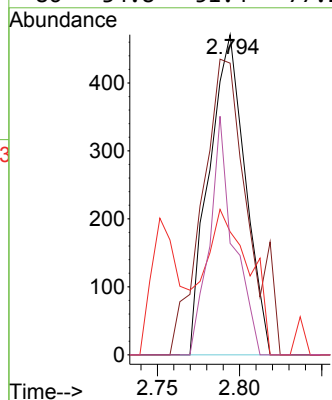
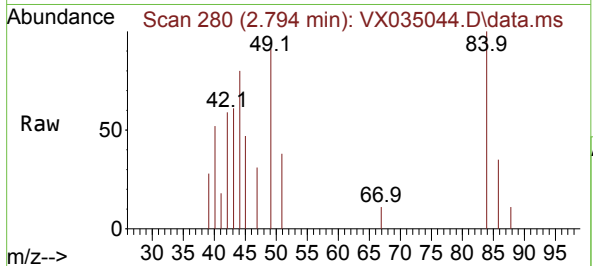




#20
Methylene Chloride
Concen: 0.218 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

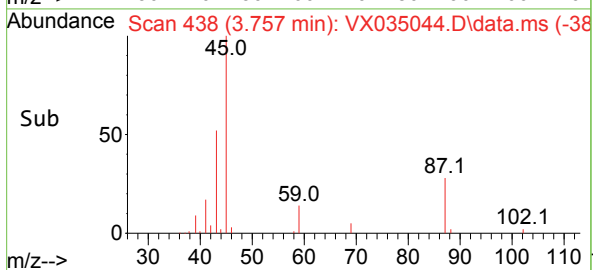
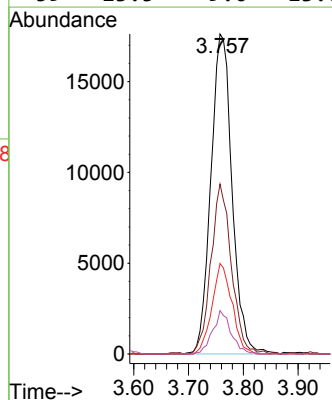
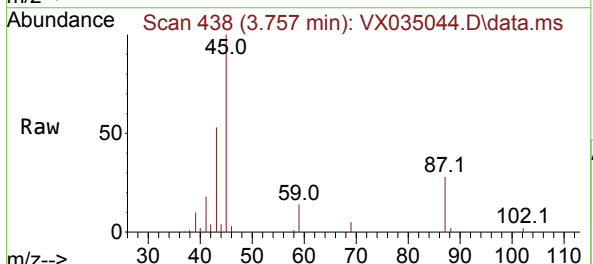
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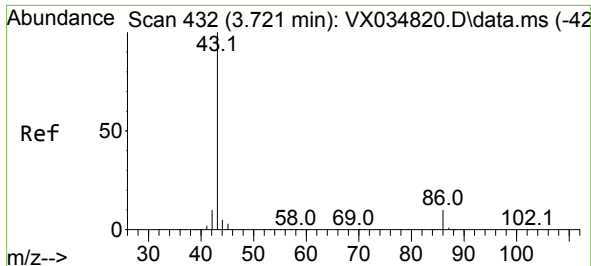
Tgt Ion: 84 Resp: 718
Ion Ratio Lower Upper
84 100
49 91.1 103.8 155.8#
51 38.4 31.8 47.8
86 34.8 51.4 77.2#



#22
Diisopropyl ether
Concen: 4.337 ug/l
RT: 3.757 min Scan# 438
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 45 Resp: 47299
Ion Ratio Lower Upper
45 100
43 53.1 65.4 98.2#
87 28.3 20.6 31.0
59 13.5 9.0 13.6

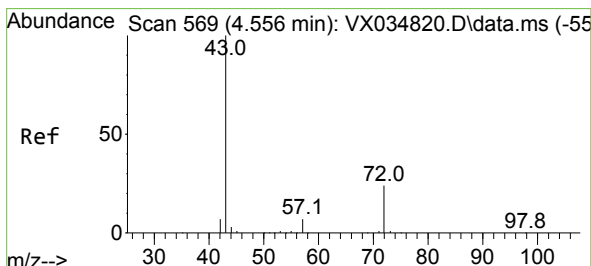
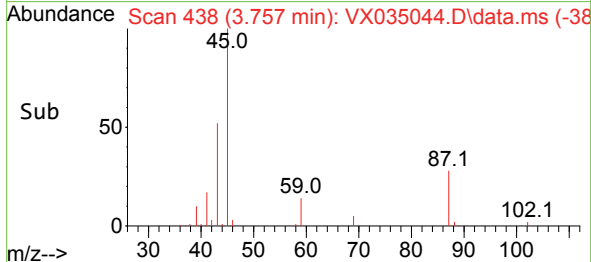
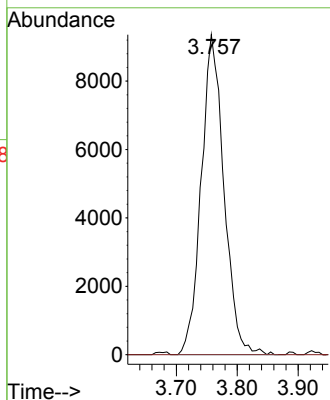
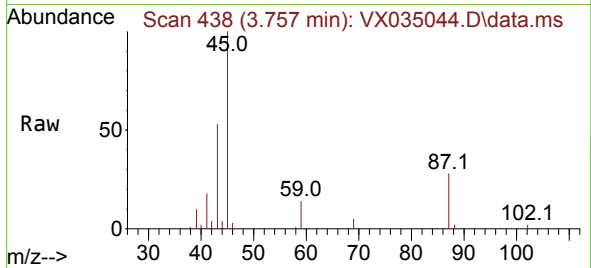




#23
 Vinyl Acetate
 Concen: 3.121 ug/l
 RT: 3.757 min Scan# 41
 Delta R.T. 0.037 min
 Lab File: VX035044.D
 Acq: 12 Apr 2023 14:12

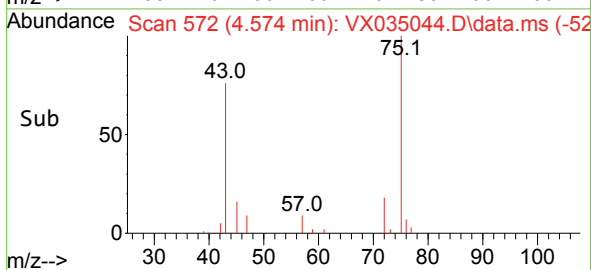
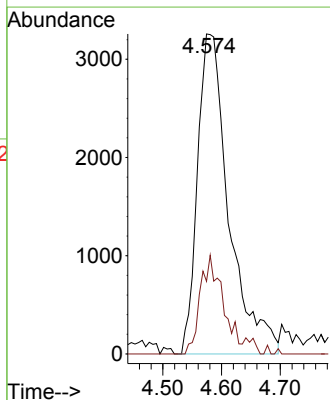
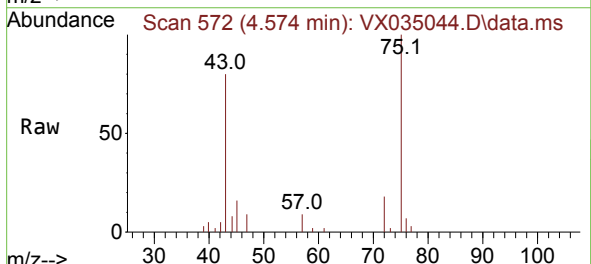
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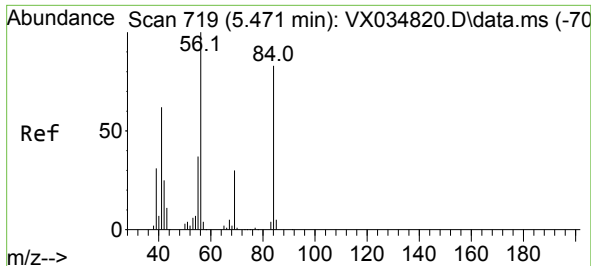
Tgt Ion: 43 Resp: 24278
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.5 12.7#



#25
 2-Butanone
 Concen: 4.965 ug/l
 RT: 4.574 min Scan# 572
 Delta R.T. 0.018 min
 Lab File: VX035044.D
 Acq: 12 Apr 2023 14:12

Tgt Ion: 43 Resp: 12058
 Ion Ratio Lower Upper
 43 100
 72 22.7 19.3 28.9

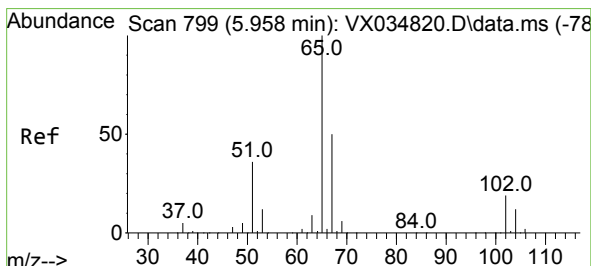
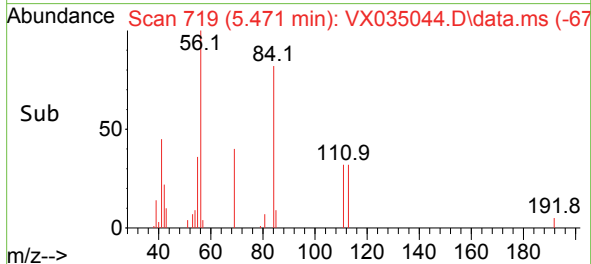
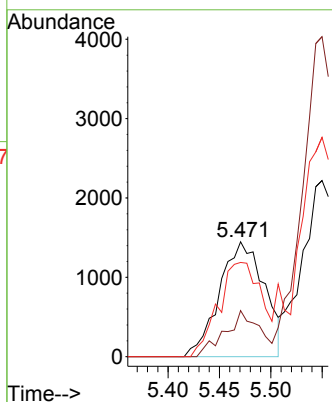
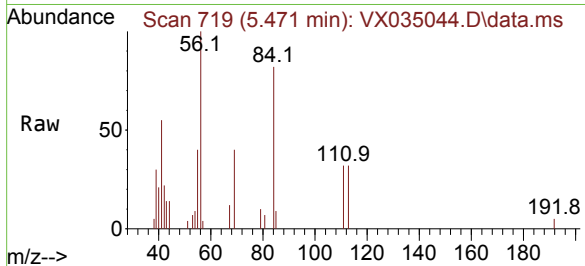




#31
Cyclohexane
Concen: 0.879 ug/l
RT: 5.471 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

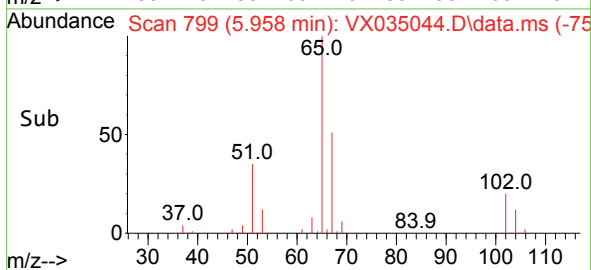
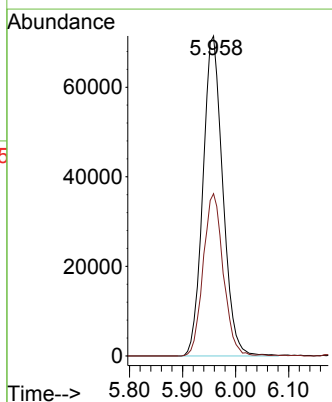
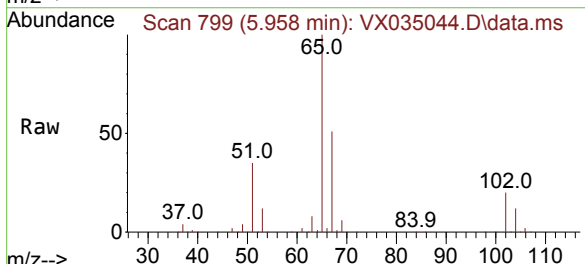
Instrument :
MSVOA_X
ClientSampleId :
33988

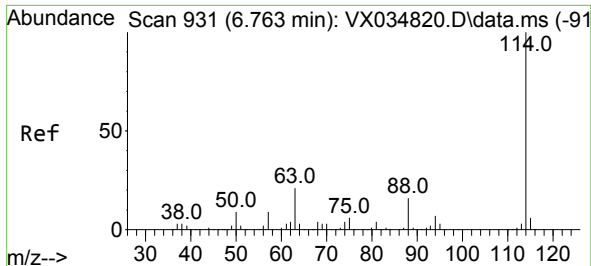
Tgt Ion: 56 Resp: 4400
Ion Ratio Lower Upper
56 100
69 40.1 23.7 35.5#
84 82.0 68.5 102.7



#33
1,2-Dichloroethane-d4
Concen: 45.193 ug/l
RT: 5.958 min Scan# 799
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 65 Resp: 185754
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0

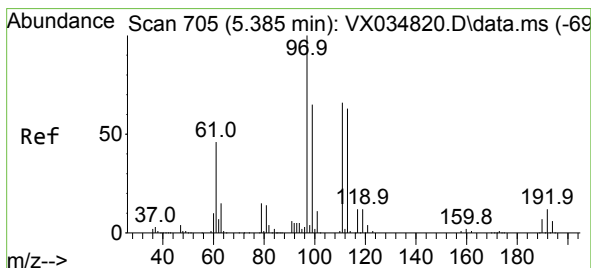
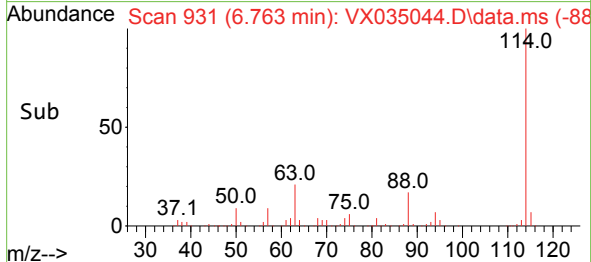
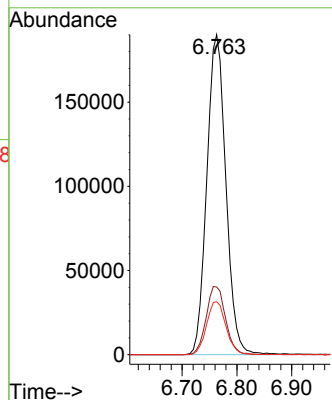
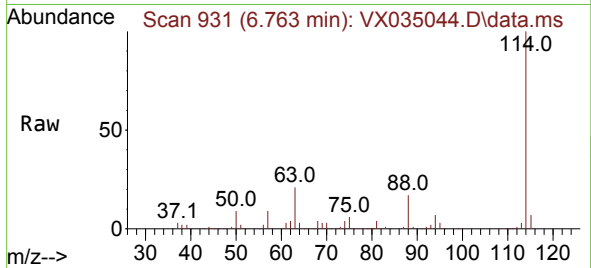




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

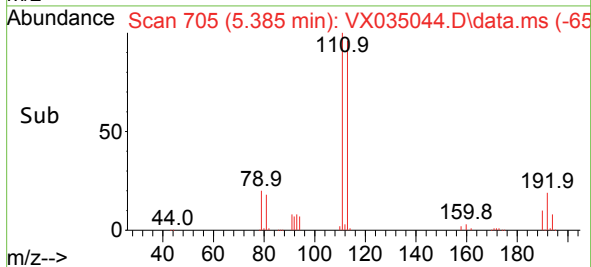
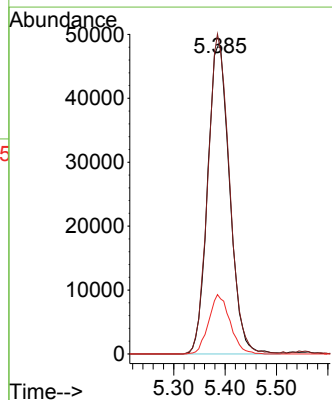
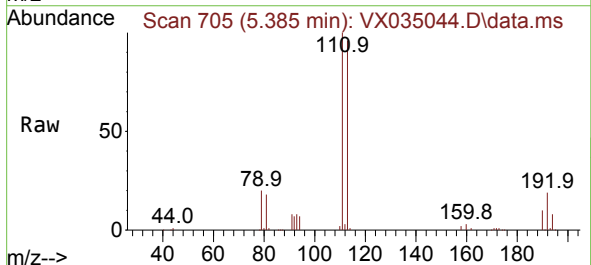
Instrument :
MSVOA_X
ClientSampleId :
33988

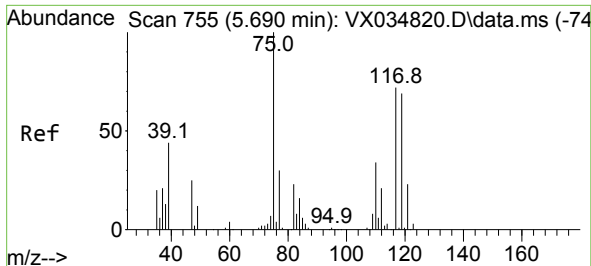
Tgt Ion:114 Resp: 458118
Ion Ratio Lower Upper
114 100
63 21.2 0.0 42.2
88 16.6 0.0 33.2



#35
Dibromofluoromethane
Concen: 47.611 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion:113 Resp: 144265
Ion Ratio Lower Upper
113 100
111 101.3 83.7 125.5
192 18.6 15.4 23.2

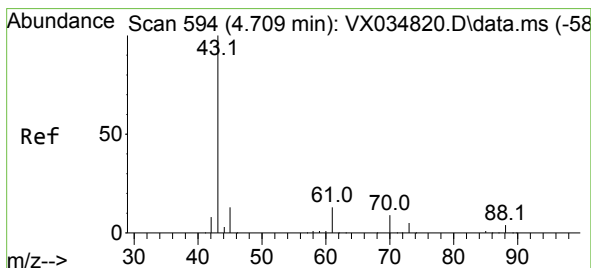
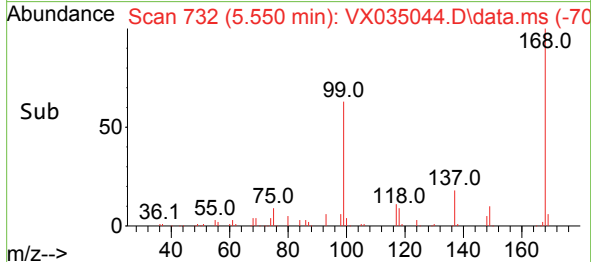
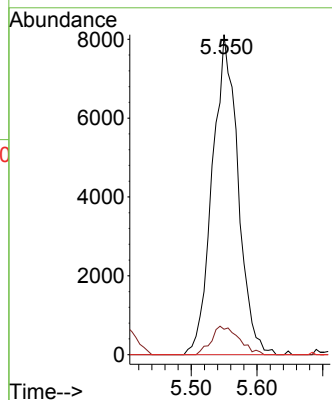
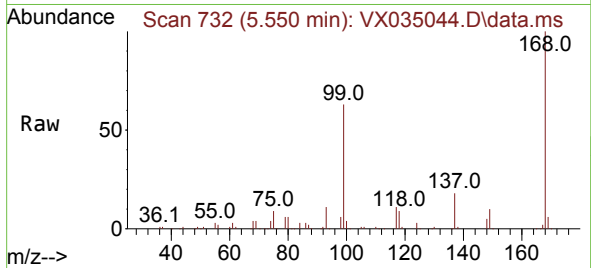




#36
1,1-Dichloropropene
Concen: 4.919 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

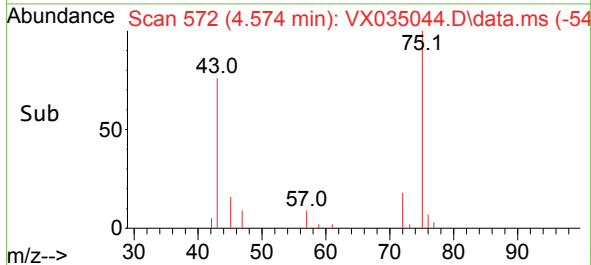
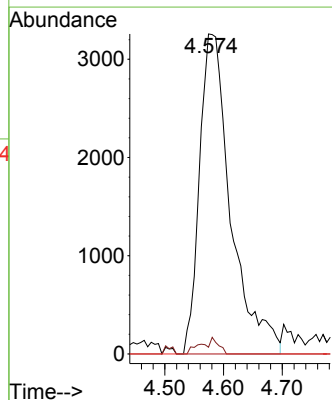
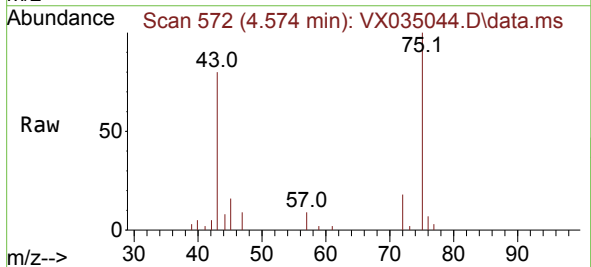
Instrument :
MSVOA_X
ClientSampleId :
33988

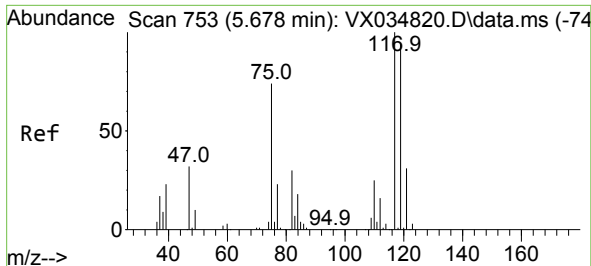
Tgt Ion: 75 Resp: 22083
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.3 36.5#



#37
Ethyl Acetate
Concen: 2.569 ug/l
RT: 4.574 min Scan# 572
Delta R.T. -0.134 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

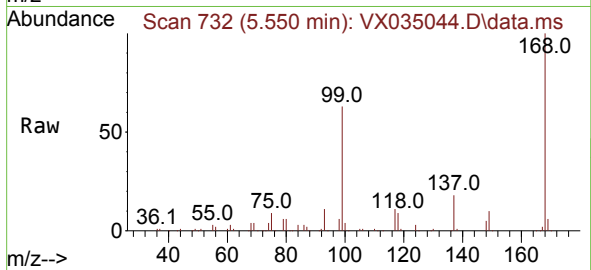
Tgt Ion: 43 Resp: 12058
Ion Ratio Lower Upper
43 100
61 2.8 10.2 15.4#
70 0.0 8.2 12.4#



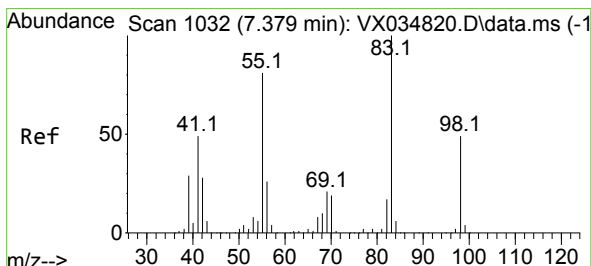
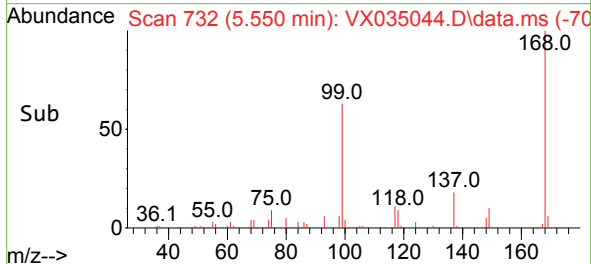
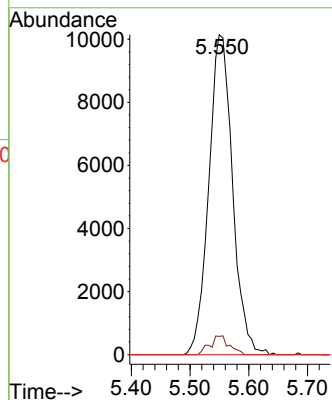


#38
Carbon Tetrachloride
Concen: 6.730 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Instrument :
MSVOA_X
ClientSampleId :
33988

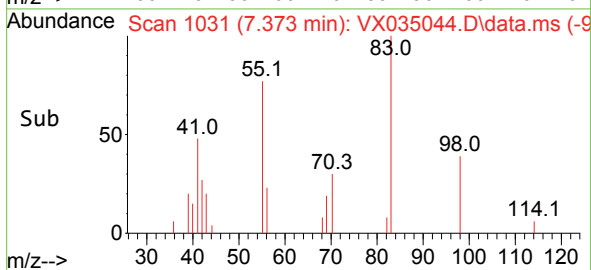
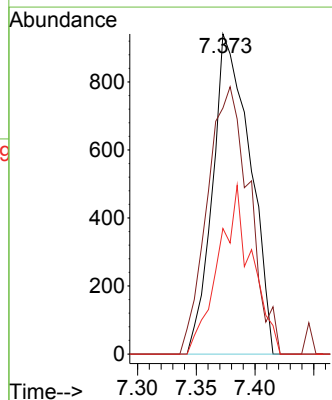
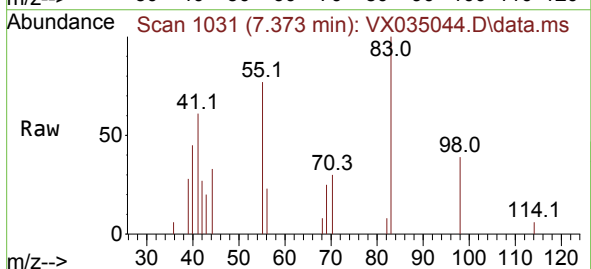


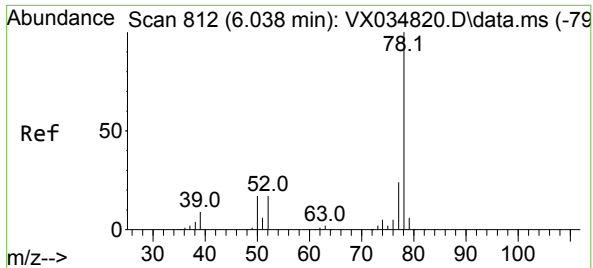
Tgt Ion:117 Resp: 28486
Ion Ratio Lower Upper
117 100
119 5.7 76.6 114.8#
121 0.0 23.8 35.6#



#39
Methylcyclohexane
Concen: 0.436 ug/l
RT: 7.373 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 83 Resp: 2079
Ion Ratio Lower Upper
83 100
55 76.8 60.5 90.7
98 39.2 40.4 60.6#

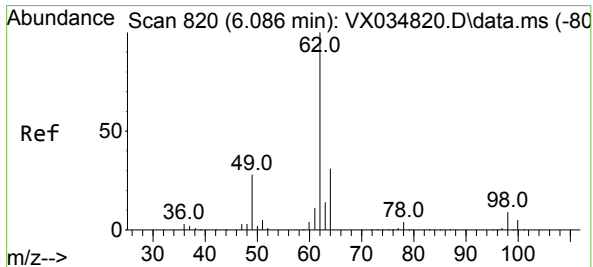
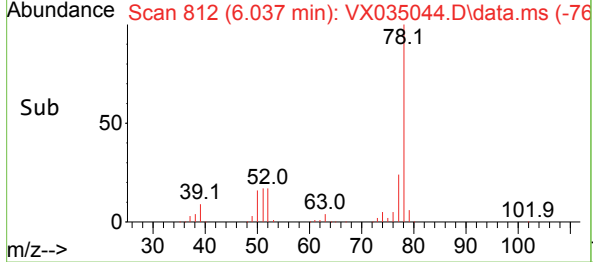
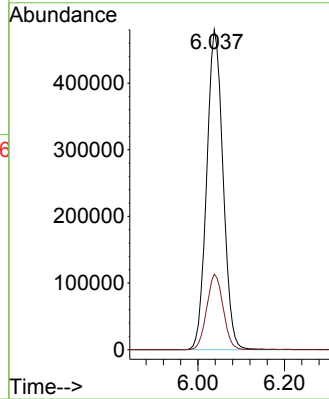
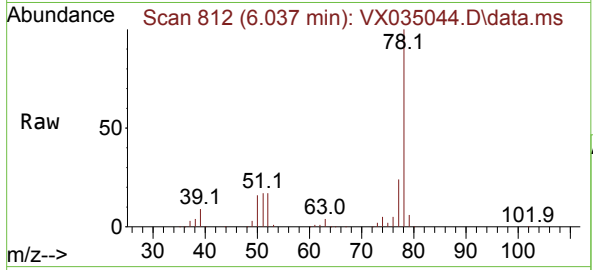




#40
Benzene
Concen: 97.692 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

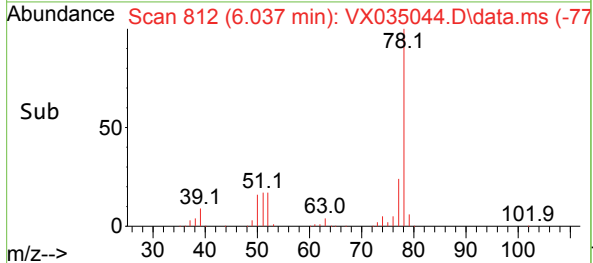
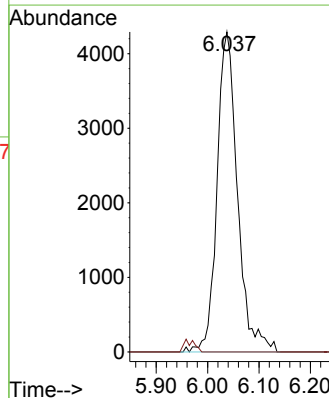
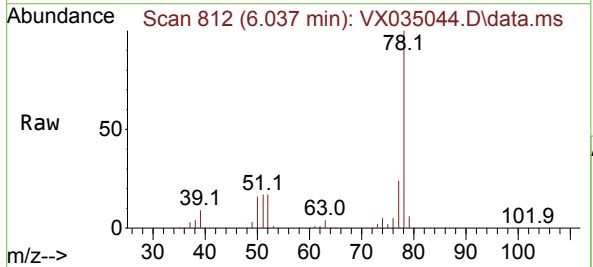
Instrument :
MSVOA_X
ClientSampleId :
33988

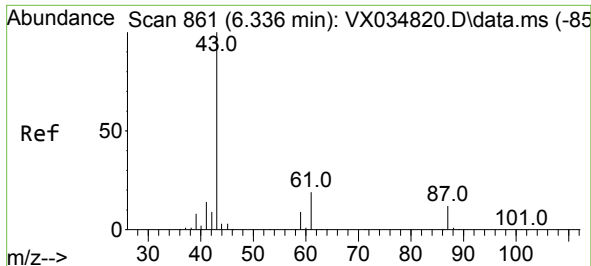
Tgt Ion: 78 Resp: 1258906
Ion Ratio Lower Upper
78 100
77 23.6 19.0 28.4



#42
1,2-Dichloroethane
Concen: 2.313 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.049 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 62 Resp: 11848
Ion Ratio Lower Upper
62 100
98 0.0 0.0 18.0

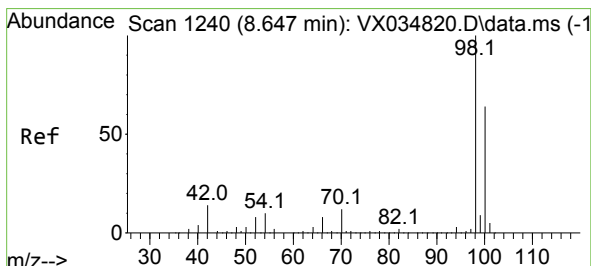
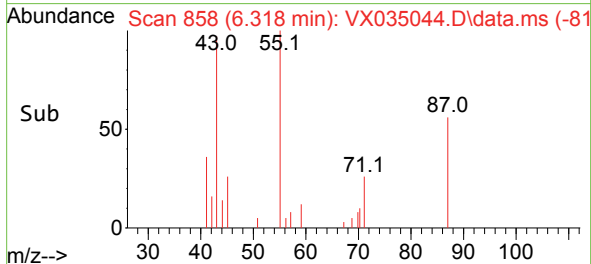
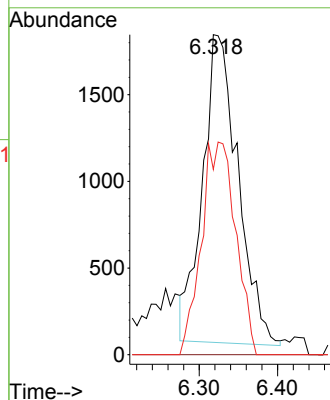
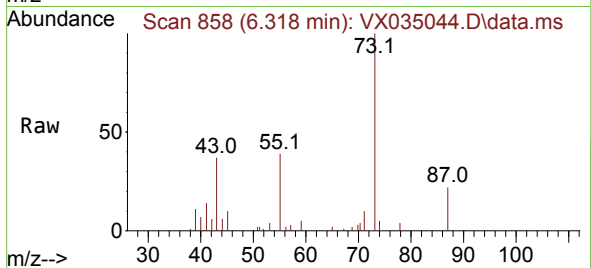




#43
Isopropyl Acetate
Concen: 0.712 ug/l
RT: 6.318 min Scan# 81
Delta R.T. -0.018 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

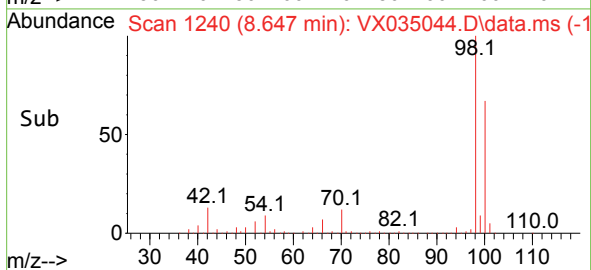
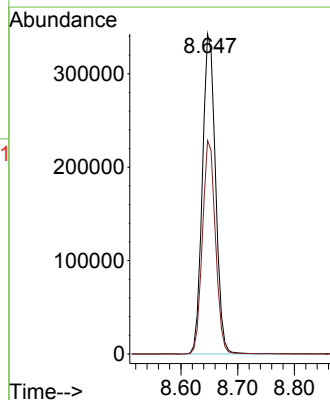
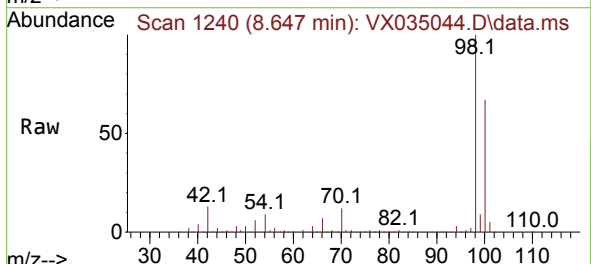
Instrument :
MSVOA_X
ClientSampleId :
33988

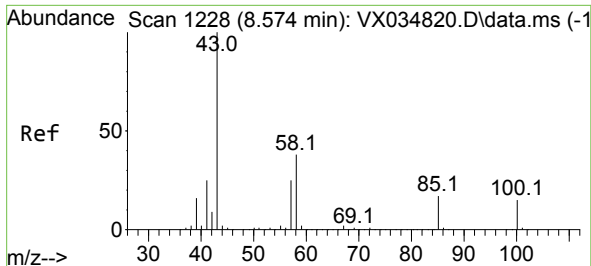
Tgt Ion: 43 Resp: 5591
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 66.7 9.8 14.8#



#50
Toluene-d8
Concen: 49.275 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 98 Resp: 551097
Ion Ratio Lower Upper
98 100
100 66.1 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.608 ug/l

RT: 8.580 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

Instrument :

MSVOA_X

ClientSampleId :

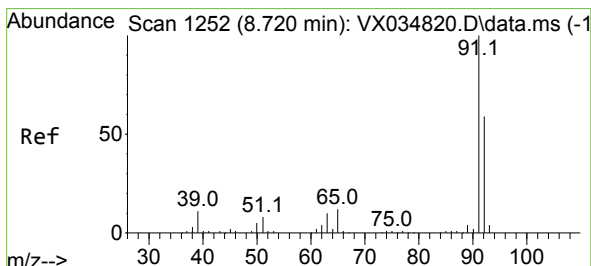
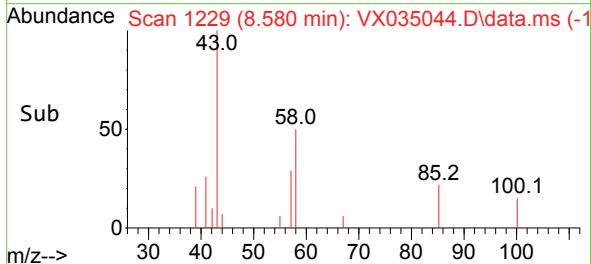
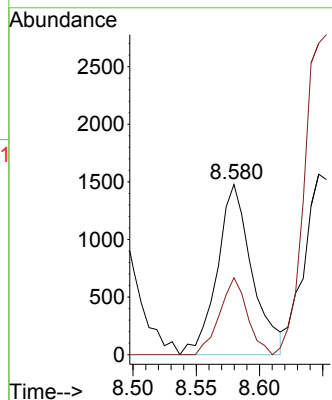
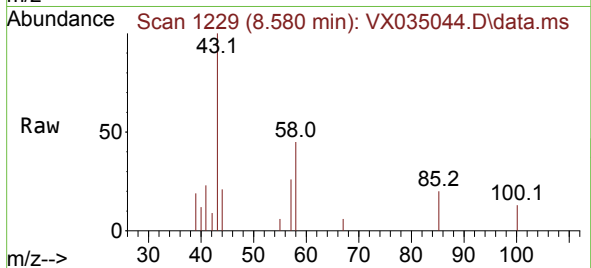
33988

Tgt Ion: 43 Resp: 2824

Ion Ratio Lower Upper

43 100

58 36.0 30.6 46.0



#52

Toluene

Concen: 218.642 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX035044.D

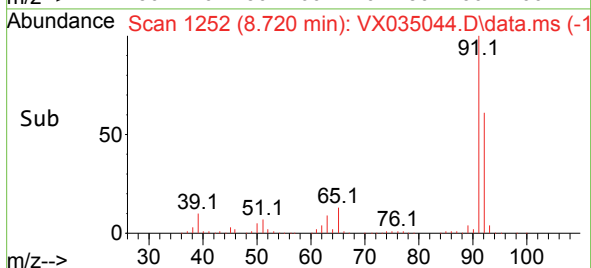
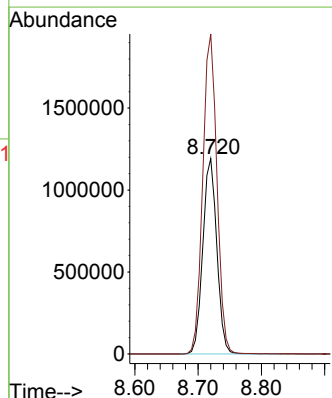
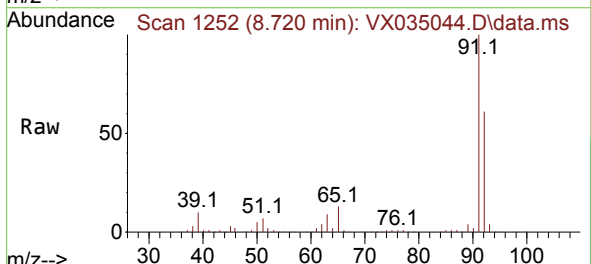
Acq: 12 Apr 2023 14:12

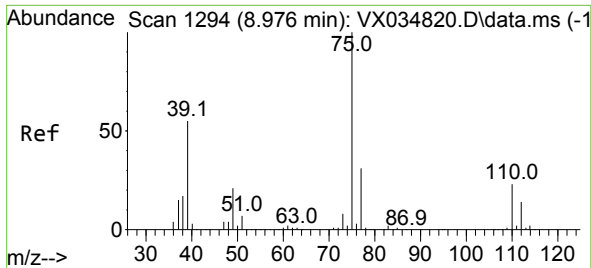
Tgt Ion: 92 Resp: 1837087

Ion Ratio Lower Upper

92 100

91 166.1 136.8 205.2





#53

t-1,3-Dichloropropene

Concen: 5.026 ug/l

RT: 8.720 min Scan# 11

Delta R.T. -0.256 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

Instrument :

MSVOA_X

ClientSampleId :

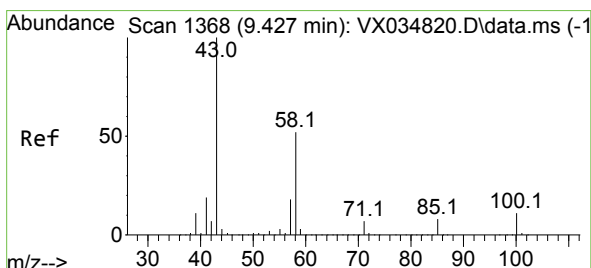
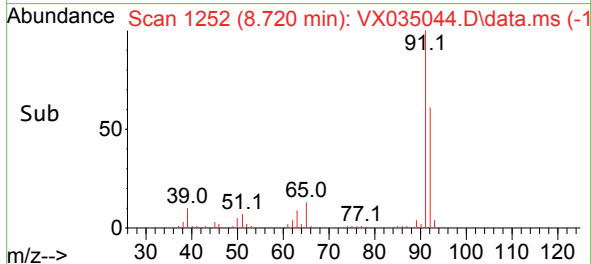
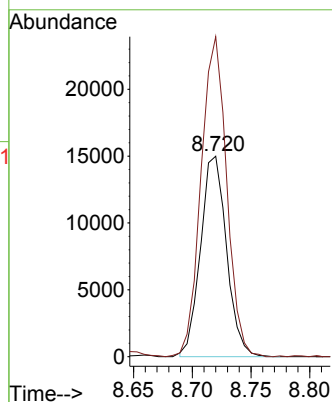
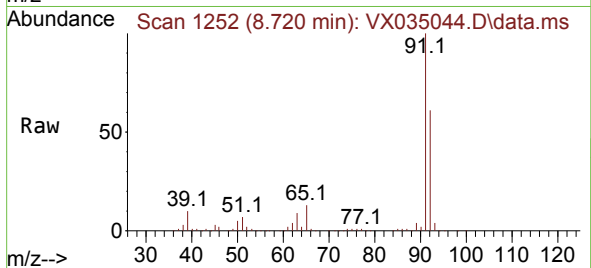
33988

Tgt Ion: 75 Resp: 23075

Ion Ratio Lower Upper

75 100

77 159.2 25.4 38.2#



#59

2-Hexanone

Concen: 0.305 ug/l

RT: 9.445 min Scan# 1371

Delta R.T. 0.018 min

Lab File: VX035044.D

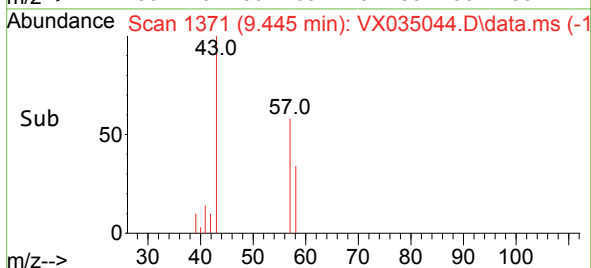
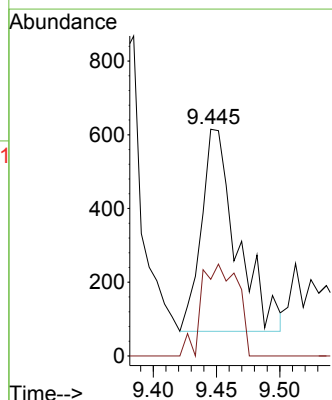
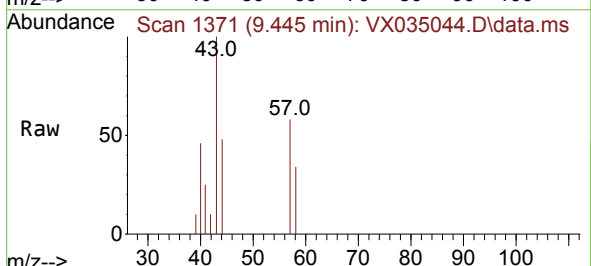
Acq: 12 Apr 2023 14:12

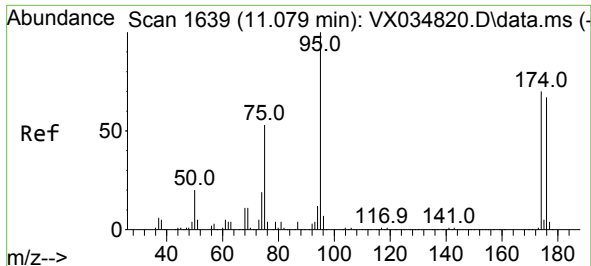
Tgt Ion: 43 Resp: 1073

Ion Ratio Lower Upper

43 100

58 46.3 26.3 78.9

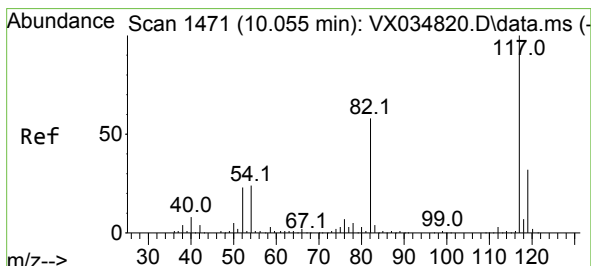
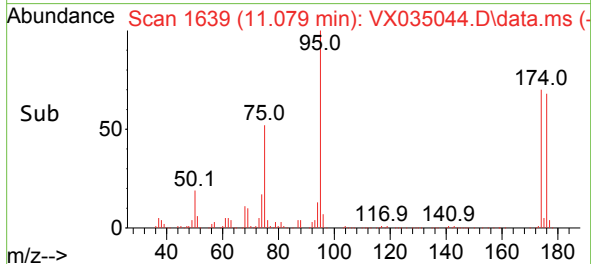
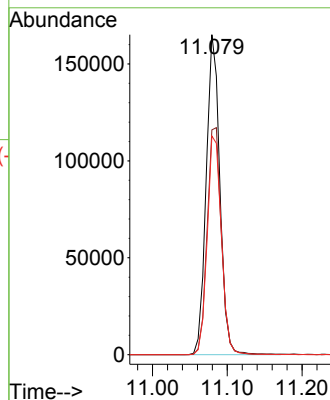
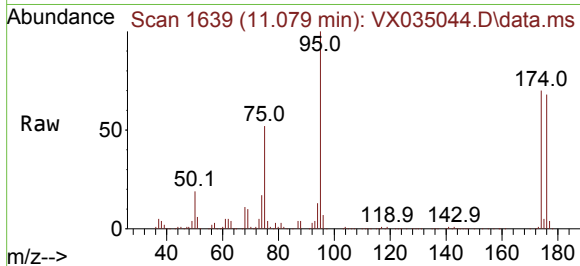




#62
4-Bromofluorobenzene
Concen: 48.286 ug/l
RT: 11.079 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

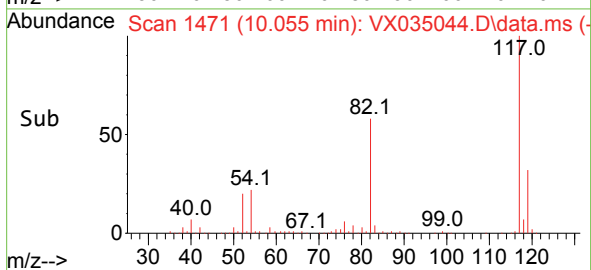
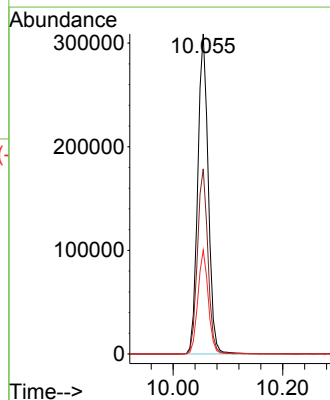
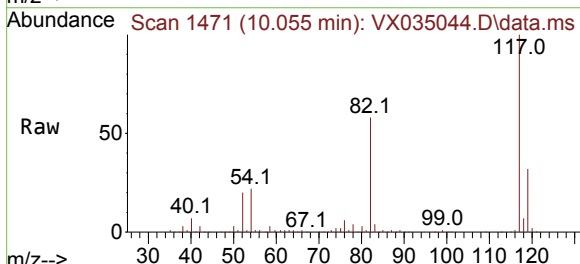
Instrument :
MSVOA_X
ClientSampleId :
33988

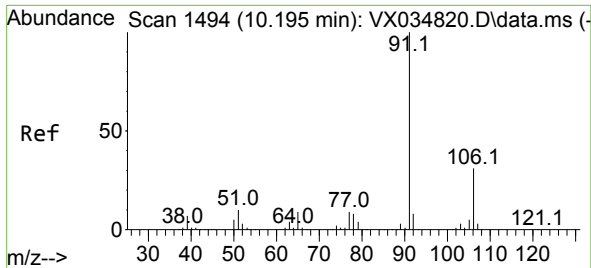
Tgt Ion: 95 Resp: 208981
Ion Ratio Lower Upper
95 100
174 74.0 0.0 147.4
176 71.0 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 117 Resp: 413502
Ion Ratio Lower Upper
117 100
82 57.9 45.0 67.4
119 32.4 26.0 39.0

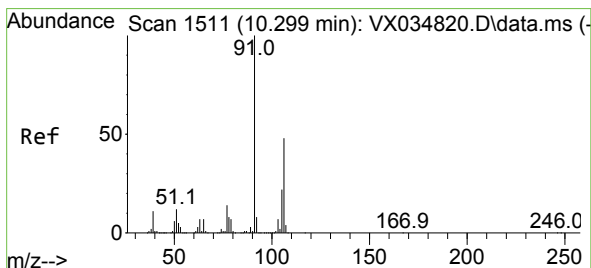
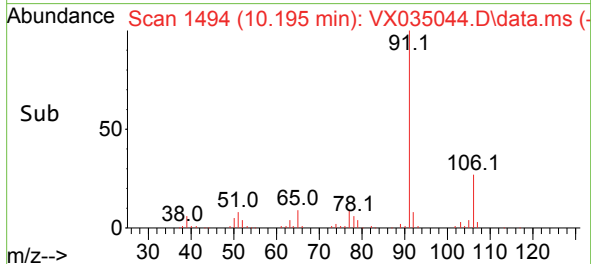
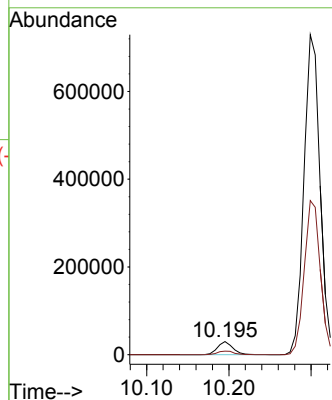
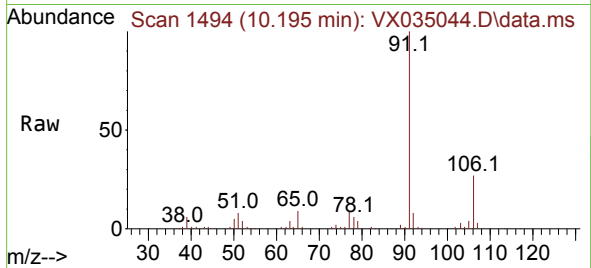




#67
Ethyl Benzene
Concen: 2.478 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

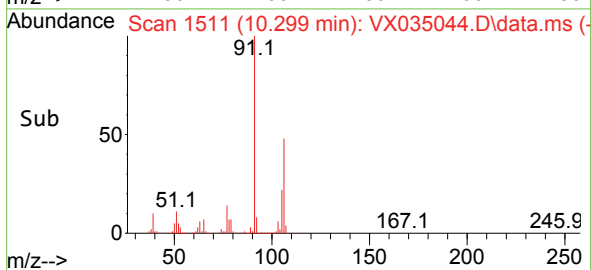
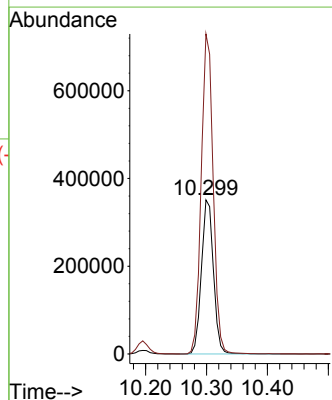
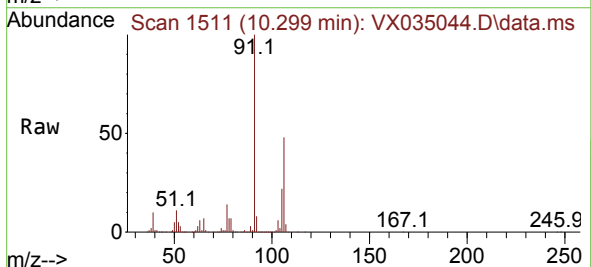
Instrument :
MSVOA_X
ClientSampleId :
33988

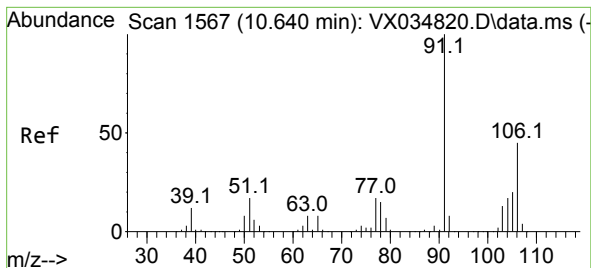
Tgt Ion: 91 Resp: 38615
Ion Ratio Lower Upper
91 100
106 27.1 25.6 38.4



#68
m/p-Xylenes
Concen: 80.565 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 106 Resp: 479644
Ion Ratio Lower Upper
106 100
91 206.7 164.0 246.0





#69

o-Xylene

Concen: 102.303 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.000 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

Instrument :

MSVOA_X

ClientSampleId :

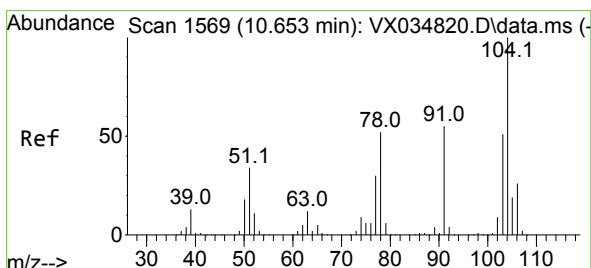
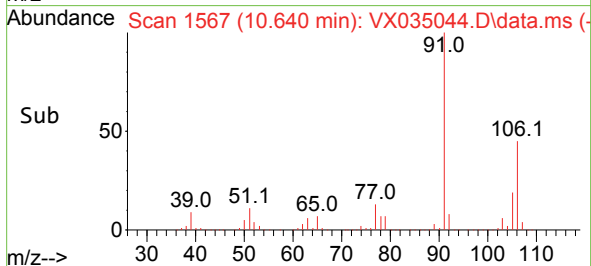
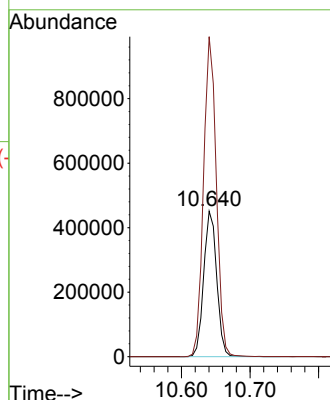
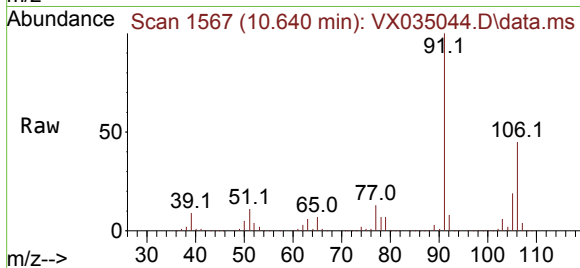
33988

Tgt Ion:106 Resp: 596656

Ion Ratio Lower Upper

106 100

91 216.4 108.5 325.3



#70

Styrene

Concen: 3.178 ug/l

RT: 10.640 min Scan# 1567

Delta R.T. -0.013 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

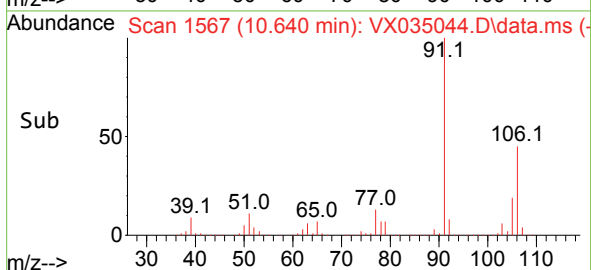
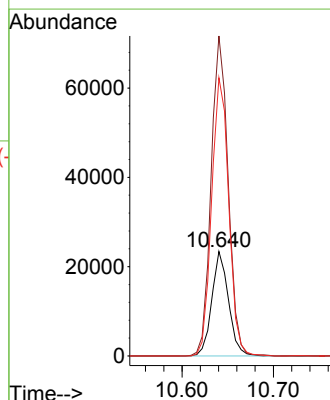
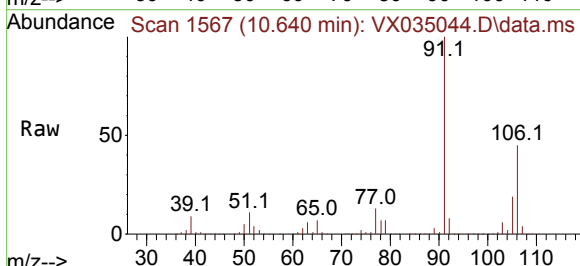
Tgt Ion:104 Resp: 29585

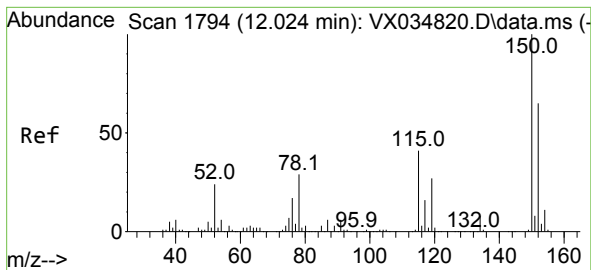
Ion Ratio Lower Upper

104 100

78 312.9 43.4 65.2#

103 274.0 44.2 66.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

Instrument :

MSVOA_X

ClientSampleId :

33988

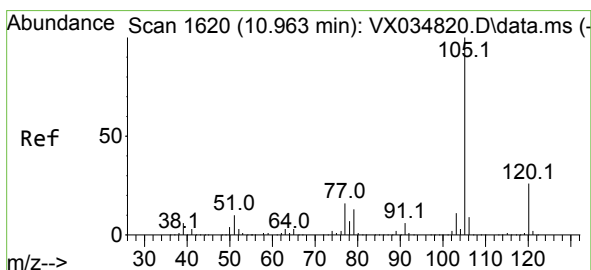
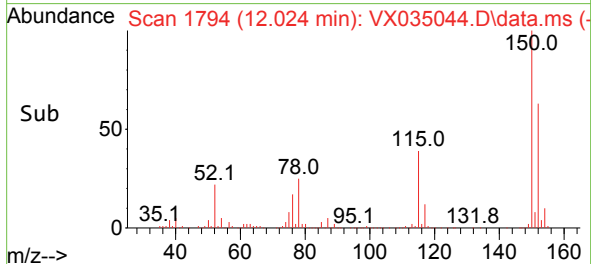
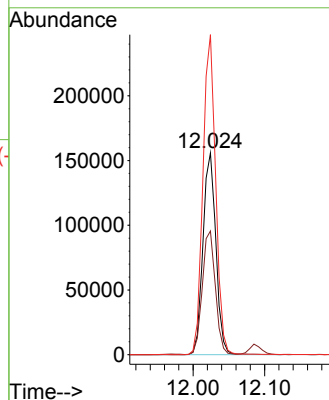
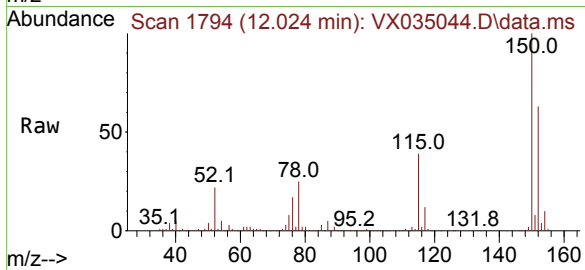
Tgt Ion:152 Resp: 195705

Ion Ratio Lower Upper

152 100

115 61.9 45.0 135.0

150 156.5 0.0 352.4



#73

Isopropylbenzene

Concen: 0.389 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX035044.D

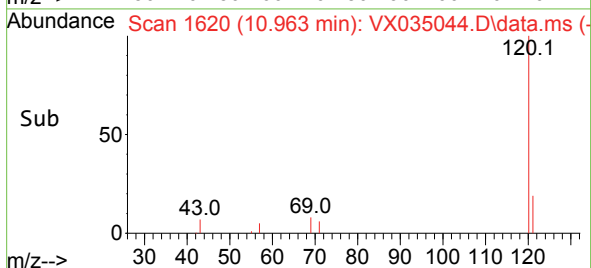
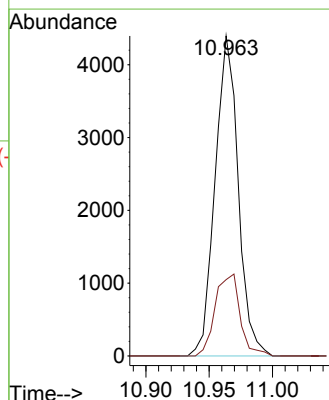
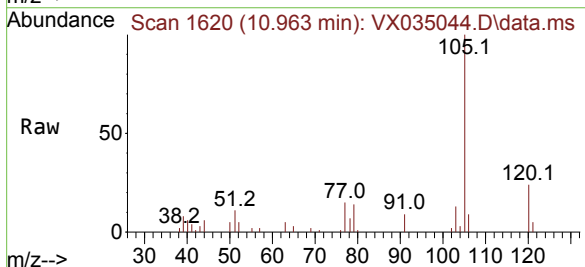
Acq: 12 Apr 2023 14:12

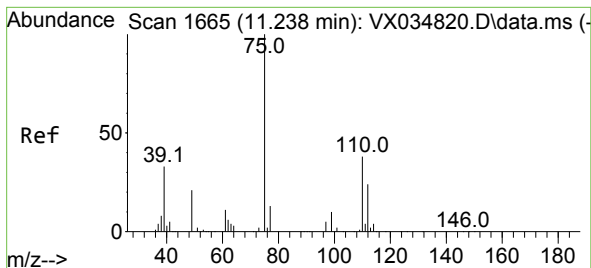
Tgt Ion:105 Resp: 5571

Ion Ratio Lower Upper

105 100

120 27.6 13.3 39.9





#76

1,2,3-Trichloropropane

Concen: 27.018 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.159 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

Instrument :

MSVOA_X

ClientSampleId :

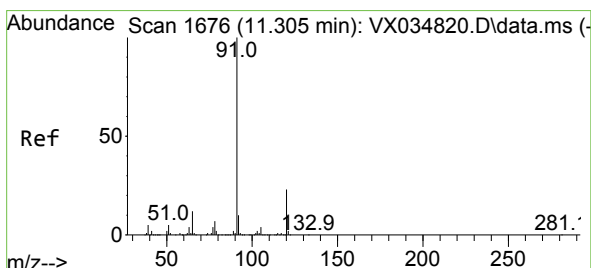
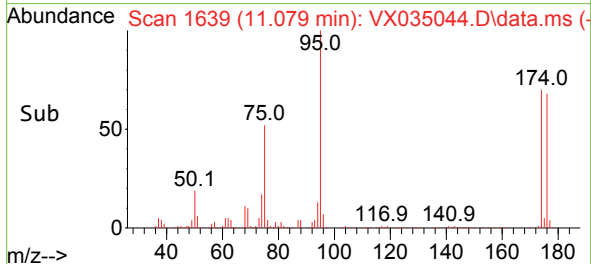
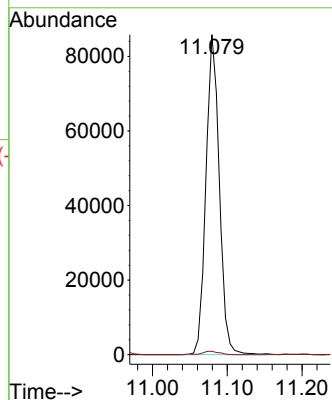
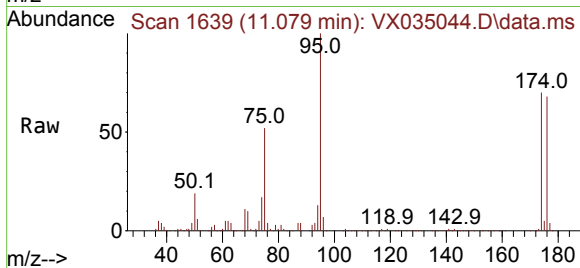
33988

Tgt Ion: 75 Resp: 106541

Ion Ratio Lower Upper

75 100

77 1.4 21.6 64.8#



#78

n-propylbenzene

Concen: 0.266 ug/l

RT: 11.311 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VX035044.D

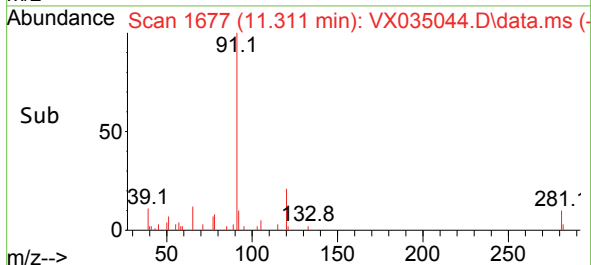
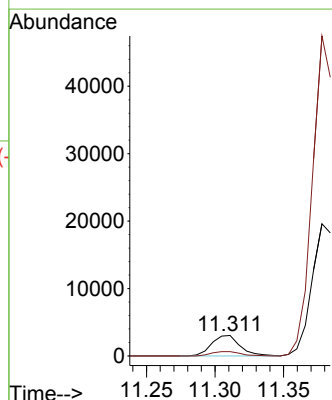
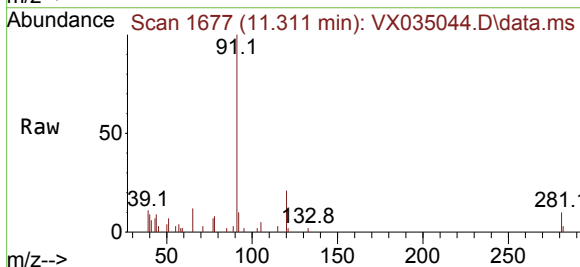
Acq: 12 Apr 2023 14:12

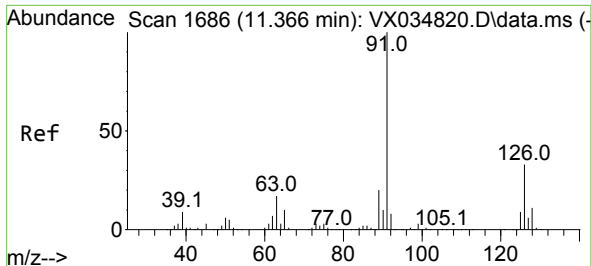
Tgt Ion: 91 Resp: 4410

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.5#

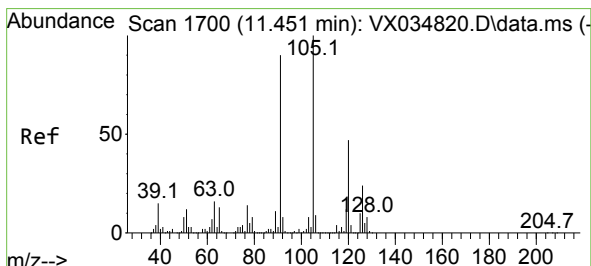
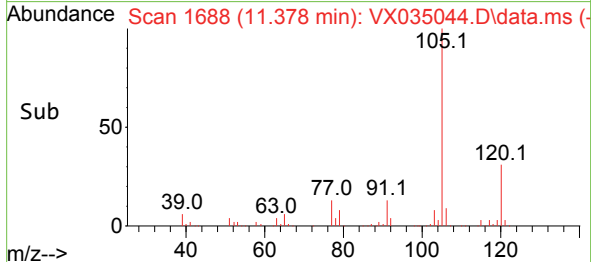
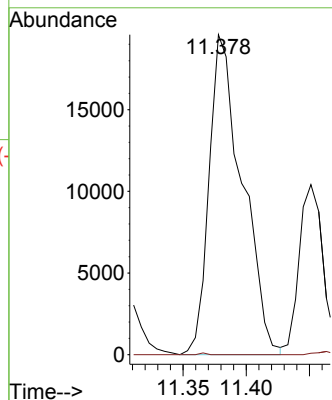
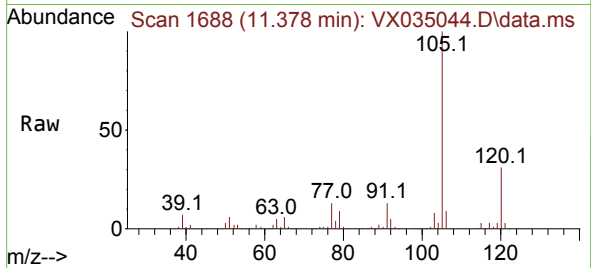




#79
2-Chlorotoluene
Concen: 3.419 ug/l
RT: 11.378 min Scan# 1
Delta R.T. 0.012 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

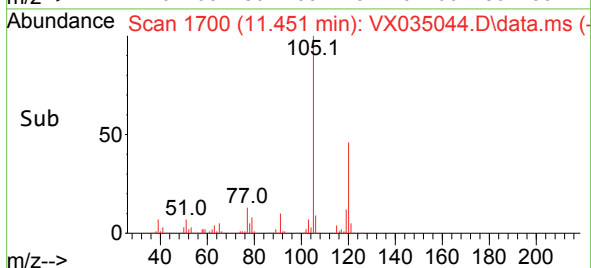
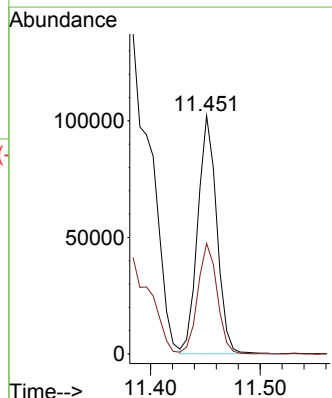
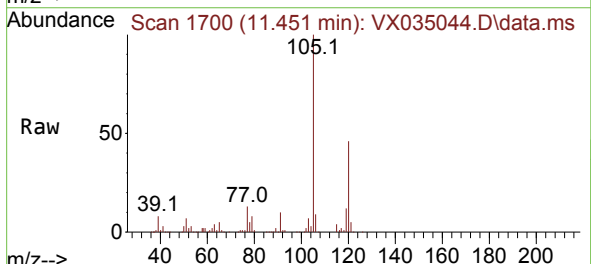
Instrument :
MSVOA_X
ClientSampleId :
33988

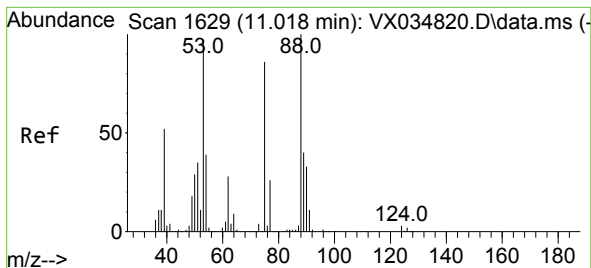
Tgt Ion: 91 Resp: 35749
Ion Ratio Lower Upper
91 100
126 0.1 16.3 48.9#



#80
1,3,5-Trimethylbenzene
Concen: 10.245 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 105 Resp: 122801
Ion Ratio Lower Upper
105 100
120 47.7 23.7 71.1

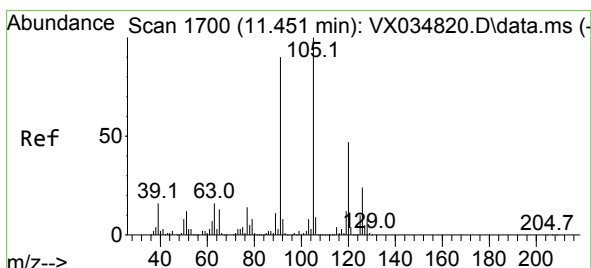
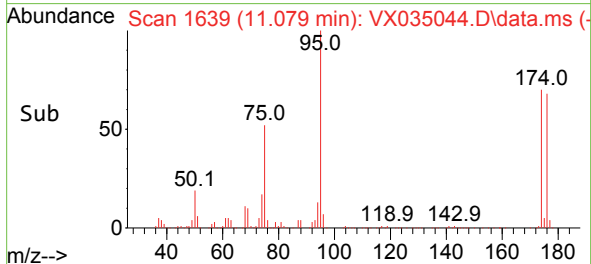
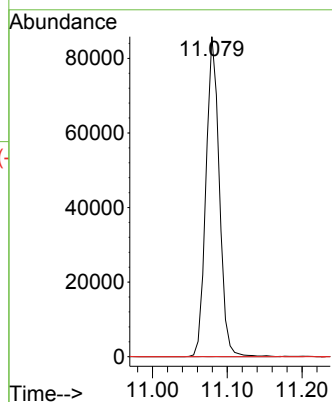
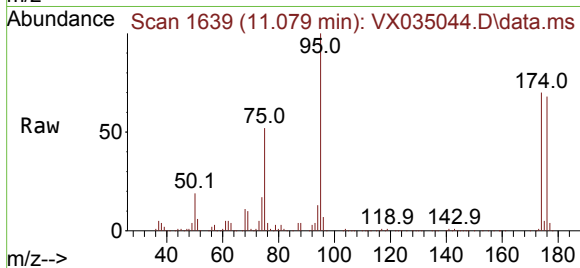




#81
trans-1,4-Dichloro-2-butene
Concen: 80.971 ug/l
RT: 11.079 min Scan# 1100
Delta R.T. 0.061 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

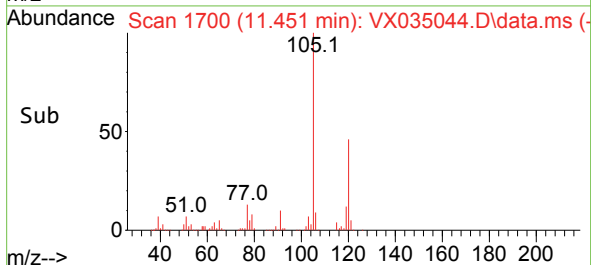
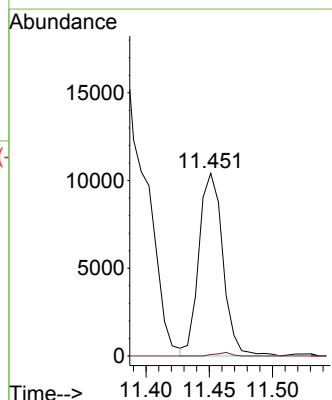
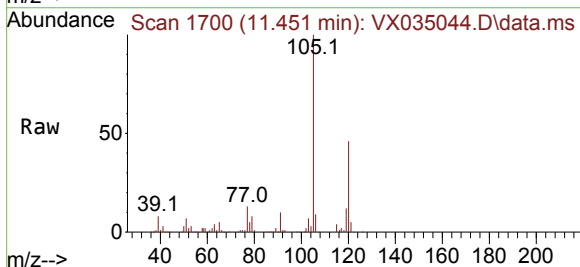
Instrument :
MSVOA_X
ClientSampleId :
33988

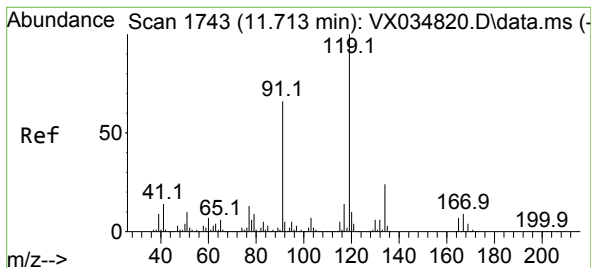
Tgt Ion: 75 Resp: 106541
Ion Ratio Lower Upper
75 100
53 0.0 82.6 124.0#
89 0.0 36.9 55.3#



#82
4-Chlorotoluene
Concen: 1.136 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 91 Resp: 13799
Ion Ratio Lower Upper
91 100
126 1.2 14.2 42.6#





#83

tert-Butylbenzene

Concen: 1.293 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.037 min

Lab File: VX035044.D

Acq: 12 Apr 2023 14:12

Instrument :

MSVOA_X

ClientSampleId :

33988

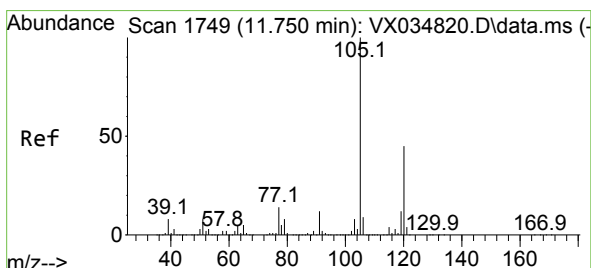
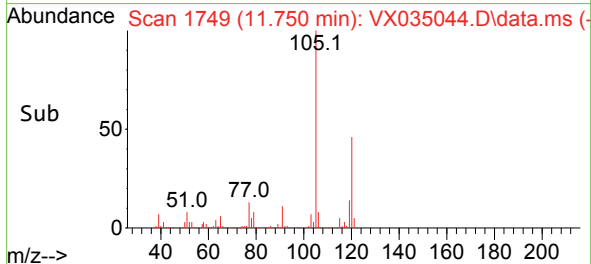
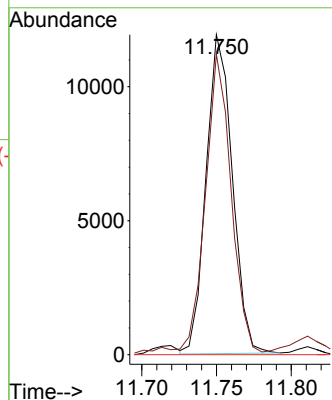
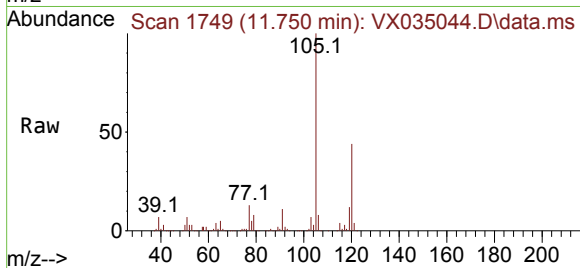
Tgt Ion:119 Resp: 14552

Ion Ratio Lower Upper

119 100

91 93.3 30.6 92.0#

134 0.0 11.8 35.4#



#84

1,2,4-Trimethylbenzene

Concen: 10.150 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX035044.D

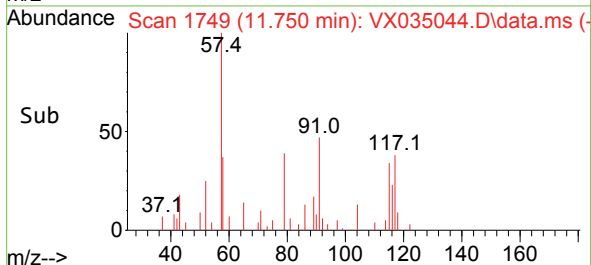
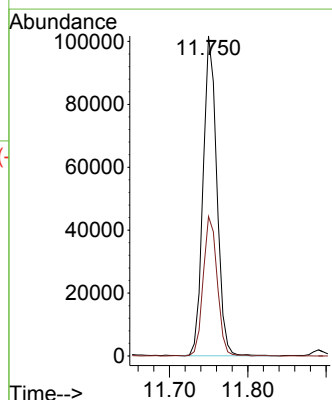
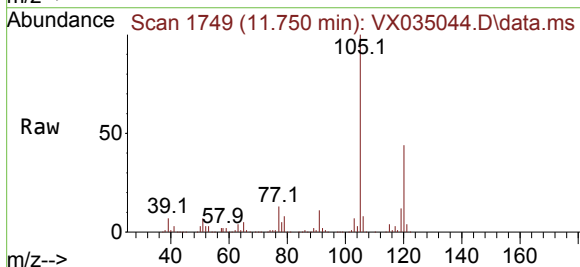
Acq: 12 Apr 2023 14:12

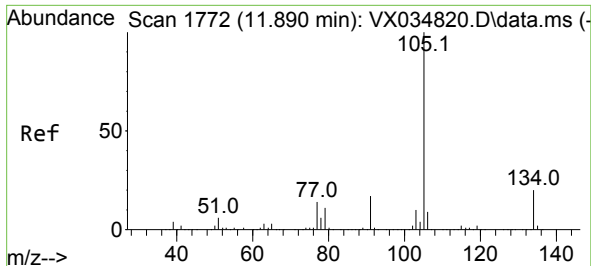
Tgt Ion:105 Resp: 123713

Ion Ratio Lower Upper

105 100

120 44.7 22.4 67.0

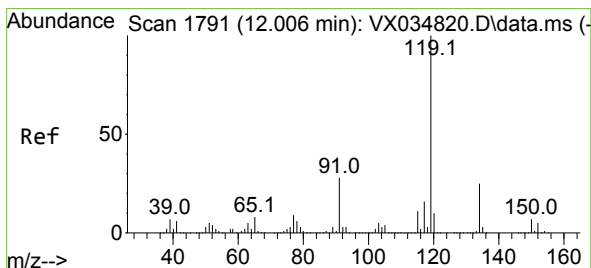
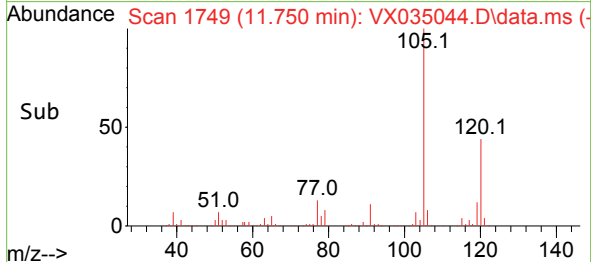
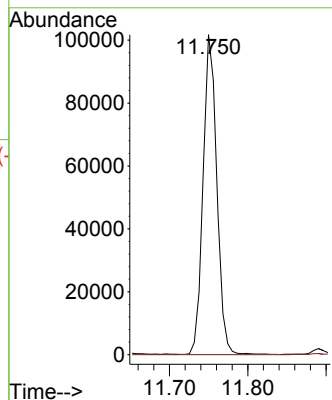
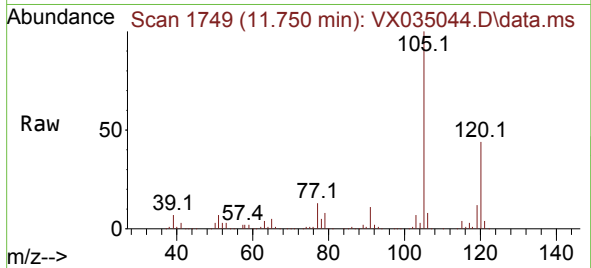




#85
 sec-Butylbenzene
 Concen: 9.025 ug/l
 RT: 11.750 min Scan# 11
 Delta R.T. -0.140 min
 Lab File: VX035044.D
 Acq: 12 Apr 2023 14:12

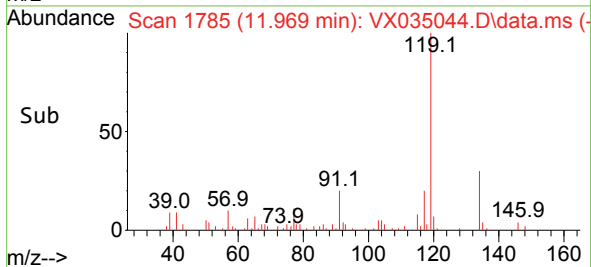
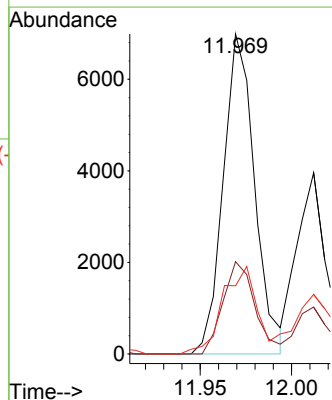
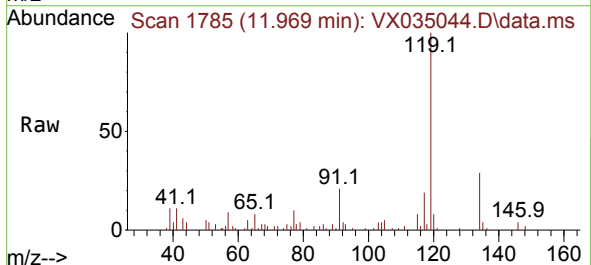
Instrument :
 MSVOA_X
 ClientSampleId :
 33988

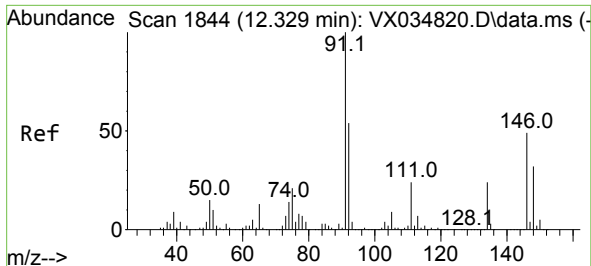
Tgt Ion:105 Resp: 123575
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4#



#86
 p-Isopropyltoluene
 Concen: 0.733 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. -0.037 min
 Lab File: VX035044.D
 Acq: 12 Apr 2023 14:12

Tgt Ion:119 Resp: 8372
 Ion Ratio Lower Upper
 119 100
 134 29.6 13.2 39.5
 91 29.5 12.9 38.7

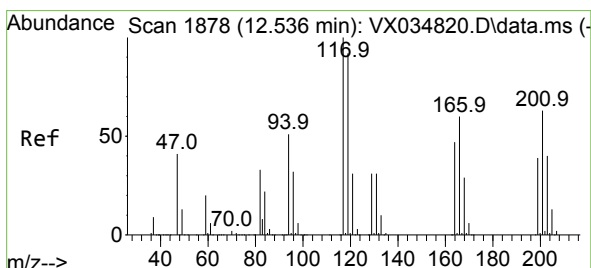
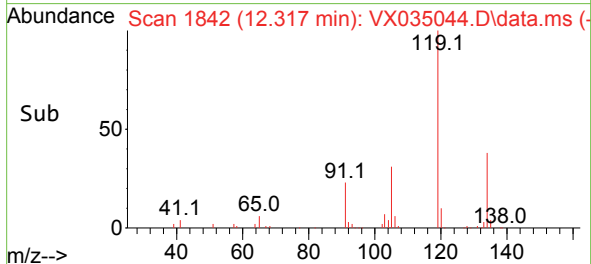
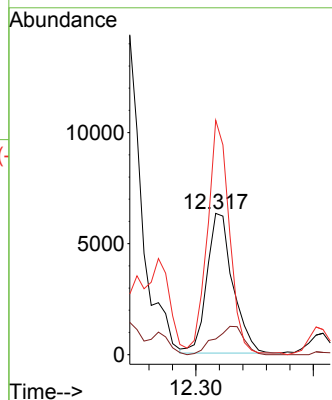
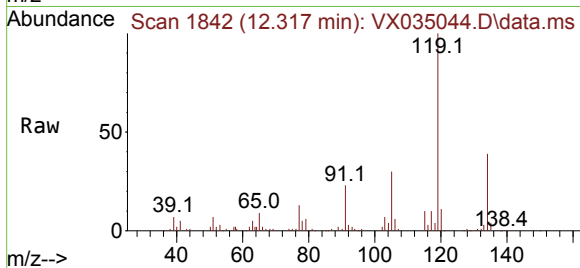




#89
n-Butylbenzene
Concen: 0.969 ug/l
RT: 12.317 min Scan# 1842
Delta R.T. -0.012 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

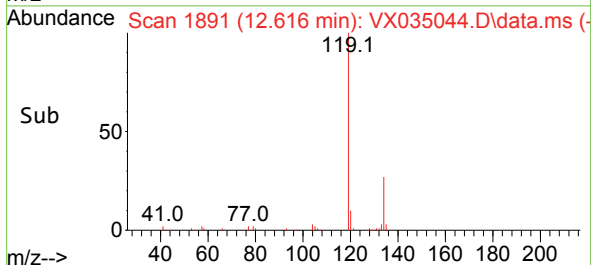
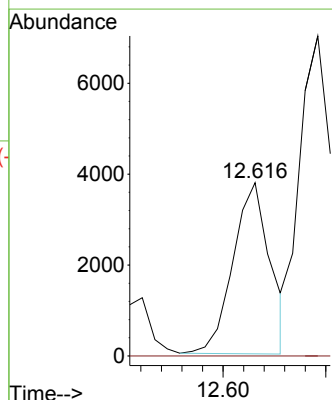
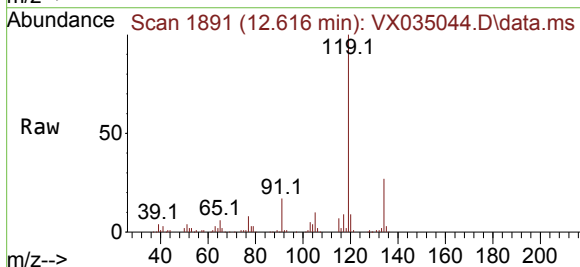
Instrument :
MSVOA_X
ClientSampleId :
33988

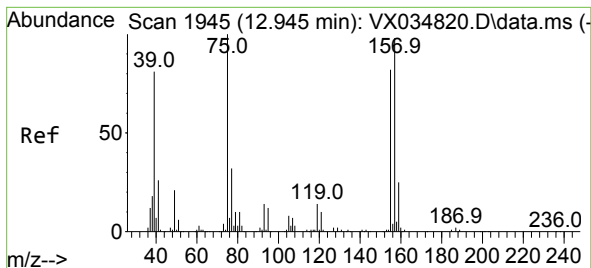
Tgt Ion: 91 Resp: 9669
Ion Ratio Lower Upper
91 100
92 23.0 27.7 83.0#
134 142.6 13.0 38.9#



#90
Hexachloroethane
Concen: 2.666 ug/l
RT: 12.616 min Scan# 1891
Delta R.T. 0.080 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 117 Resp: 4717
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.1#

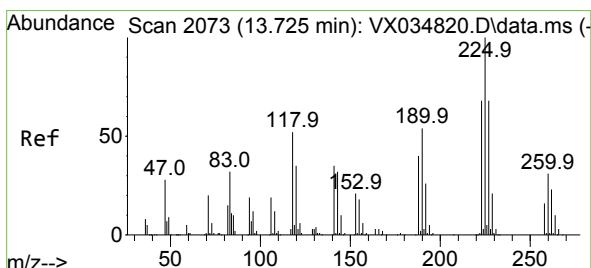
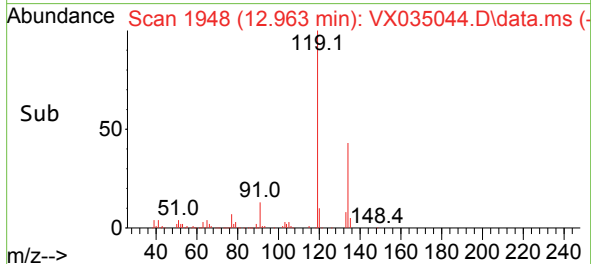
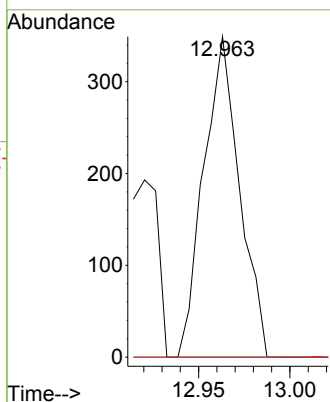
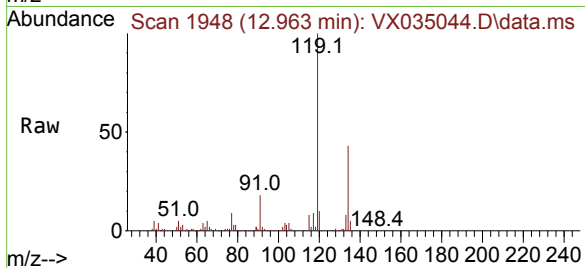




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.486 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

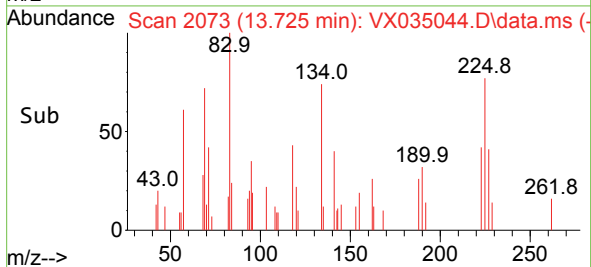
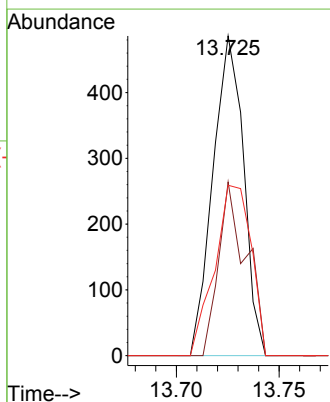
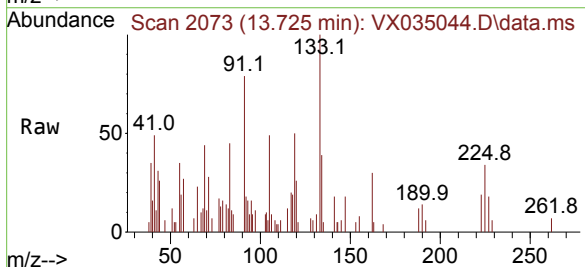
Instrument :
MSVOA_X
ClientSampleId :
33988

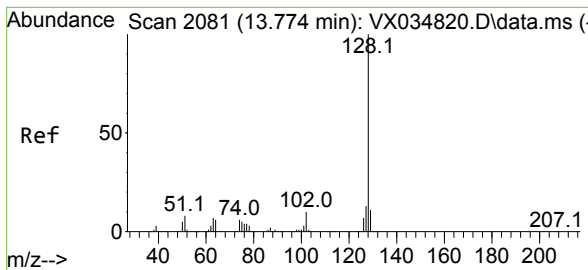
Tgt Ion: 75 Resp: 477
Ion Ratio Lower Upper
75 100
155 0.0 38.4 115.1#
157 0.0 49.9 149.7#



#94
Hexachlorobutadiene
Concen: 0.312 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX035044.D
Acq: 12 Apr 2023 14:12

Tgt Ion: 225 Resp: 503
Ion Ratio Lower Upper
225 100
223 48.9 32.1 96.5
227 63.6 31.8 95.4





#95
 Naphthalene
 Concen: 1.497 ug/l
 RT: 13.774 min Scan# 2081
 Delta R.T. -0.000 min
 Lab File: VX035044.D
 Acq: 12 Apr 2023 14:12

Instrument :
 MSVOA_X
 ClientSampleId :
 33988

Tgt Ion:	128	Resp:	19490
Ion	Ratio	Lower	Upper
128	100		
127	14.2	10.2	15.4
129	15.1	8.6	13.0

