

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012723\
 Data File : VX033933.D
 Acq On : 27 Jan 2023 13:28
 Operator : JC/MD
 Sample : 01321-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 33903

Quant Time: Jan 28 03:05:35 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	163203	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	233982	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	212731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	107211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	78102	45.451	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	90.900%		
35) Dibromofluoromethane	5.385	113	70525	48.541	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.080%		
50) Toluene-d8	8.647	98	266864	50.412	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	100.820%		
62) 4-Bromofluorobenzene	11.079	95	94885	48.277	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	96.560%		
Target Compounds						
					Qvalue	
8) Diethyl Ether	2.130	74	932	1.270	ug/l #	1
11) Tert butyl alcohol	2.965	59	1494	5.005	ug/l #	86
14) Allyl chloride	2.642	41	1379	0.551	ug/l #	36
15) Acrylonitrile	3.111	53	2854	3.633	ug/l #	30
16) Acetone	2.379	43	92680	143.113	ug/l	93
17) Carbon Disulfide	2.514	76	477	1.959	ug/l #	76
18) Methyl Acetate	2.703	43	26628	11.104	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	222691	48.283	ug/l	100
20) Methylene Chloride	2.794	84	504	Below Cal	#	71
22) Diisopropyl ether	3.757	45	24785	4.918	ug/l #	77
23) Vinyl Acetate	3.763	43	12697	3.347	ug/l #	72
25) 2-Butanone	4.556	43	26649	23.735	ug/l	98
31) Cyclohexane	5.470	56	842	0.333	ug/l	86
36) 1,1-Dichloropropene	5.550	75	9800	4.622	ug/l #	48
37) Ethyl Acetate	4.714	43	48486	22.386	ug/l	98
38) Carbon Tetrachloride	5.550	117	13632	6.207	ug/l #	15
39) Methylcyclohexane	7.385	83	899	0.343	ug/l	96
40) Benzene	6.037	78	221528	35.842	ug/l	99
42) 1,2-Dichloroethane	6.031	62	1833	0.837	ug/l #	73
43) Isopropyl Acetate	6.330	43	1434	0.428	ug/l #	36
44) Trichloroethene	7.135	130	685	0.396	ug/l	54
51) 4-Methyl-2-Pentanone	8.573	43	889	0.432	ug/l	91
52) Toluene	8.720	92	156145	39.121	ug/l	99
53) t-1,3-Dichloropropene	8.720	75	1720	0.825	ug/l #	1
59) 2-Hexanone	9.451	43	479	0.335	ug/l	63
67) Ethyl Benzene	10.195	91	63588	8.410	ug/l	98
68) m/p-Xylenes	10.299	106	99556	33.662	ug/l	98
69) o-Xylene	10.640	106	78706	26.835	ug/l	100
70) Styrene	10.640	104	4263	0.894	ug/l #	1
73) Isopropylbenzene	10.963	105	42246	3.659	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.274	83	54	Below Cal	#	26
76) 1,2,3-Trichloropropane	11.378	75	1726	0.876	ug/l #	1
78) n-propylbenzene	11.305	91	37307	4.264	ug/l	99
79) 2-Chlorotoluene	11.378	91	24396	2.320	ug/l #	39
80) 1,3,5-Trimethylbenzene	11.451	105	78150	12.114	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.079	75	43891	69.248	ug/l #	8

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 Response via : Initial Calibration

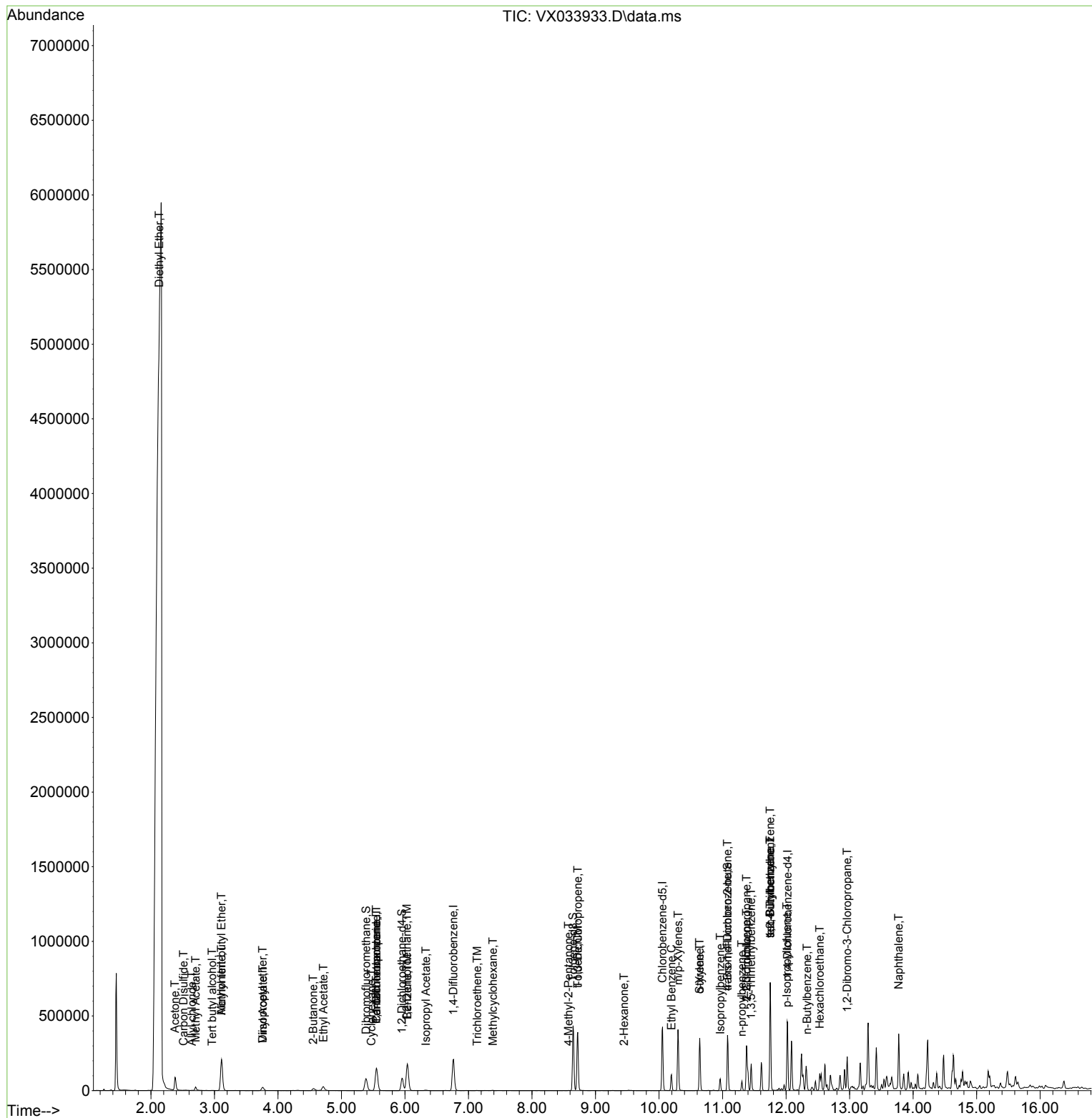
Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
82) 4-Chlorotoluene	11.451	91	7842	Below Cal #	43
83) tert-Butylbenzene	11.750	119	39559	6.176 ug/l #	61
84) 1,2,4-Trimethylbenzene	11.750	105	314406	51.521 ug/l	98
85) sec-Butylbenzene	11.750	105	314406	41.037 ug/l #	54
86) p-Isopropyltoluene	12.012	119	6199	0.945 ug/l	91
89) n-Butylbenzene	12.329	91	21809	4.064 ug/l #	16
90) Hexachloroethane	12.530	117	4862	4.506 ug/l #	4
92) 1,2-Dibromo-3-Chloropr...	12.963	75	603	1.378 ug/l #	1
95) Naphthalene	13.774	128	231146	34.121 ug/l	99

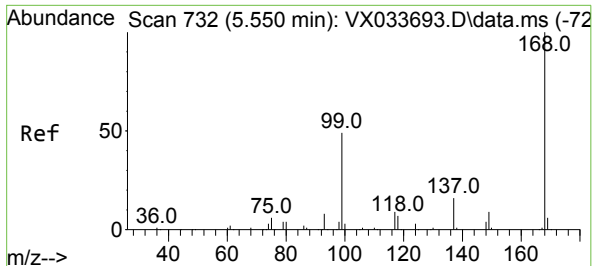
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Jan 11 14:48:42 2023
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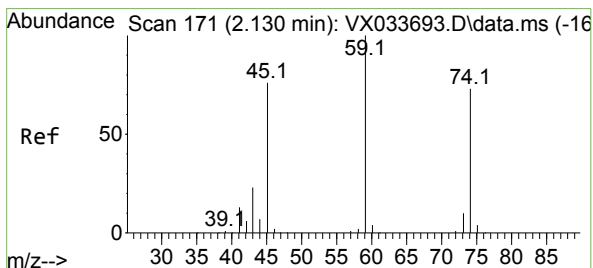
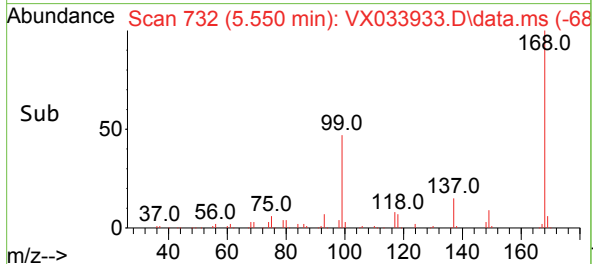
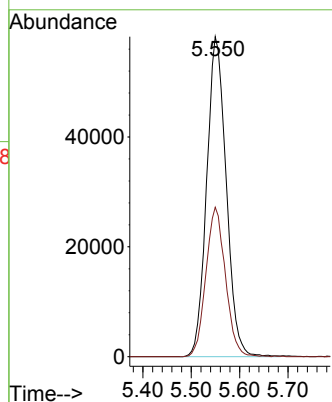
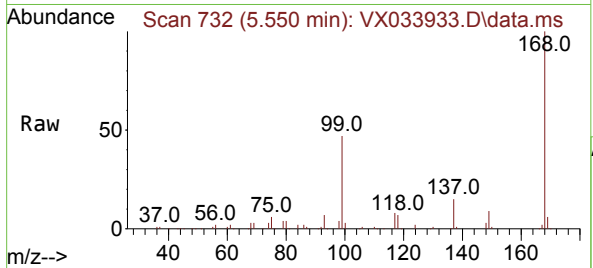




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

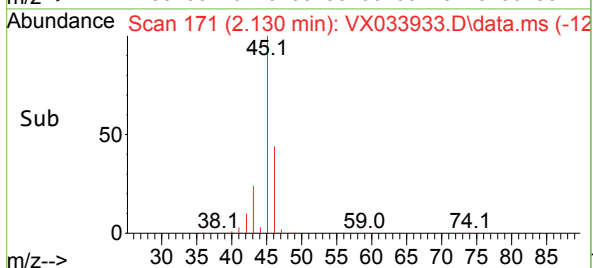
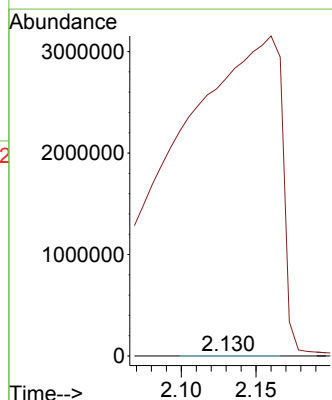
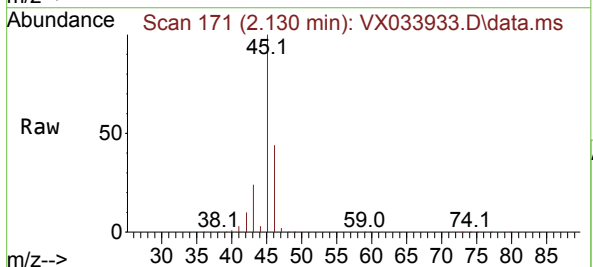
Instrument :
MSVOA_X
ClientSampleId :
33903

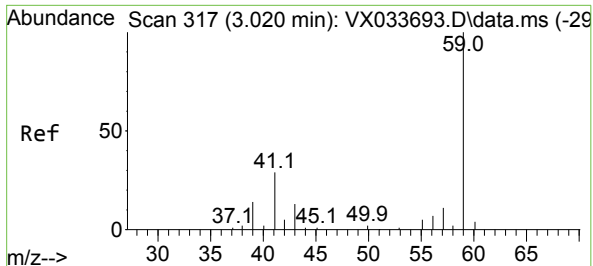
Tgt Ion:168 Resp: 163203
Ion Ratio Lower Upper
168 100
99 46.7 39.6 59.4



#8
Diethyl Ether
Concen: 1.270 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 74 Resp: 932
Ion Ratio Lower Upper
74 100
45 0.0 51.5 154.5#





#11

Tert butyl alcohol

Concen: 5.005 ug/l

RT: 2.965 min Scan# 30

Delta R.T. -0.055 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

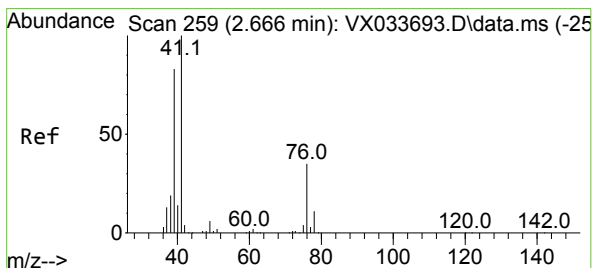
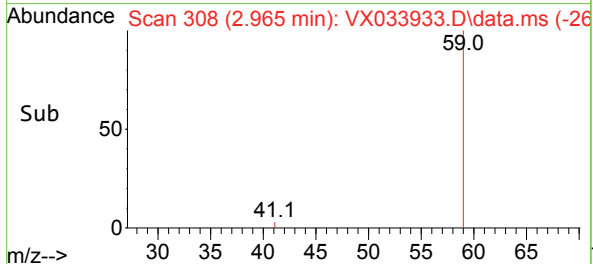
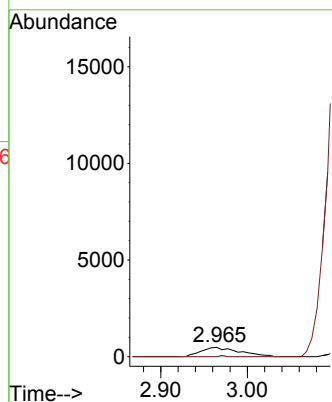
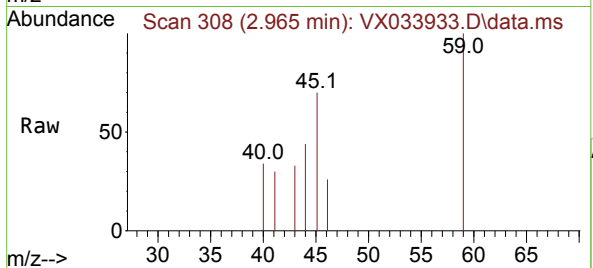
33903

Tgt Ion: 59 Resp: 1494

Ion Ratio Lower Upper

59 100

57 0.0 3.7 5.5#



#14

Allyl chloride

Concen: 0.551 ug/l

RT: 2.642 min Scan# 255

Delta R.T. -0.025 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

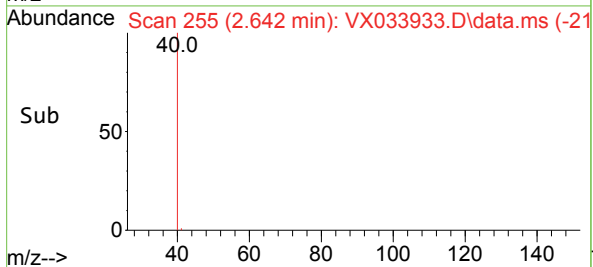
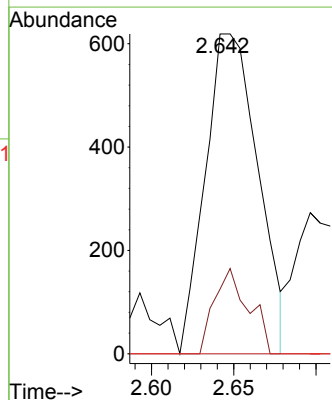
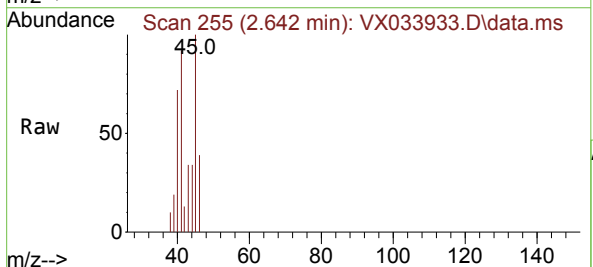
Tgt Ion: 41 Resp: 1379

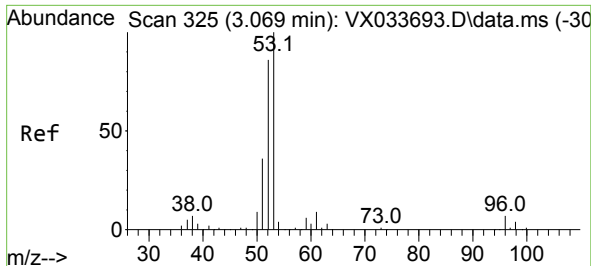
Ion Ratio Lower Upper

41 100

39 17.4 59.0 88.4#

76 0.0 24.6 37.0#





#15

Acrylonitrile

Concen: 3.633 ug/l

RT: 3.111 min Scan# 31

Delta R.T. 0.042 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

33903

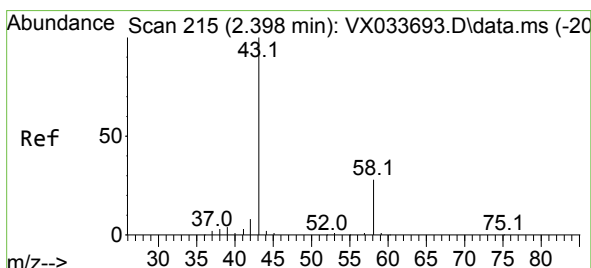
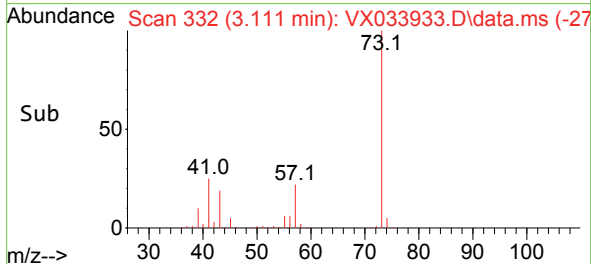
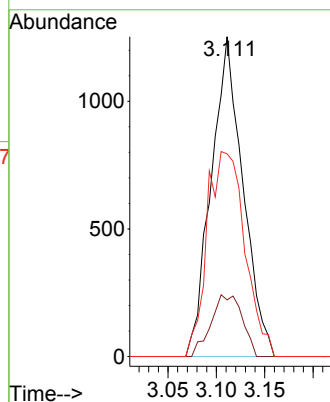
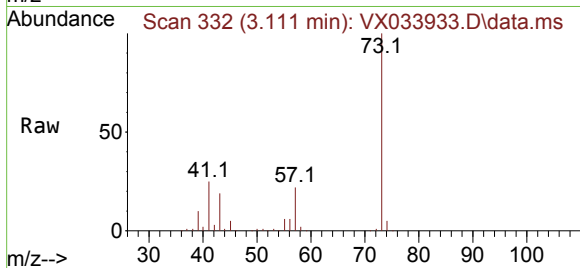
Tgt Ion: 53 Resp: 2854

Ion Ratio Lower Upper

53 100

52 19.1 65.7 98.5#

51 76.3 29.0 43.4#



#16

Acetone

Concen: 143.113 ug/l

RT: 2.379 min Scan# 212

Delta R.T. -0.019 min

Lab File: VX033933.D

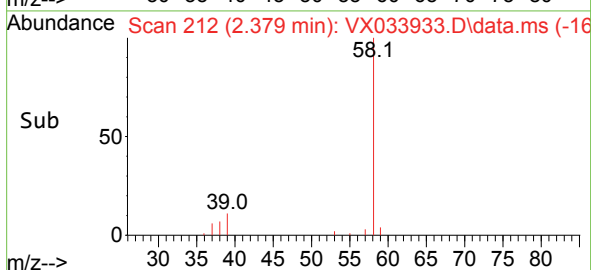
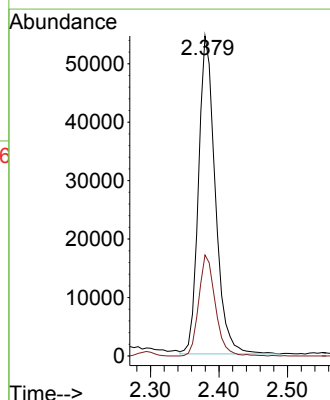
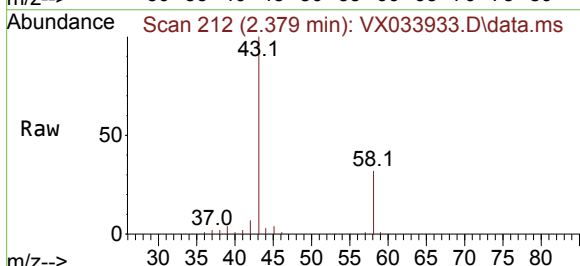
Acq: 27 Jan 2023 13:28

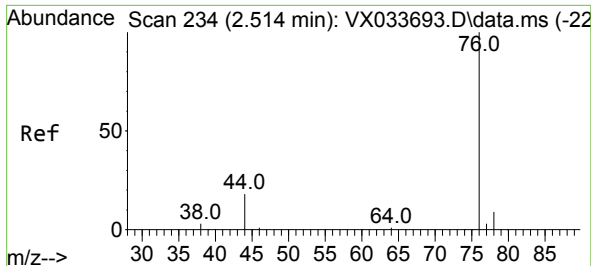
Tgt Ion: 43 Resp: 92680

Ion Ratio Lower Upper

43 100

58 31.8 22.6 33.8





#17

Carbon Disulfide

Concen: 1.959 ug/l

RT: 2.514 min Scan# 21

Delta R.T. -0.000 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

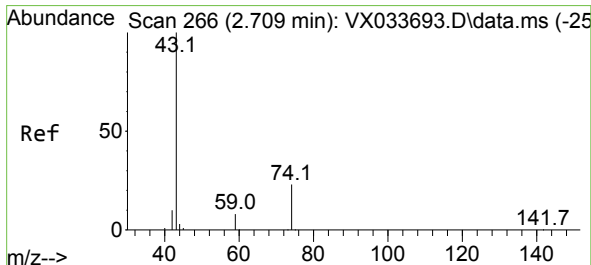
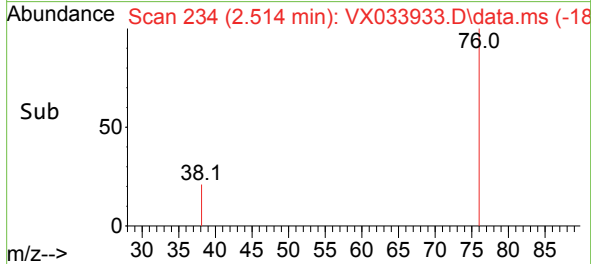
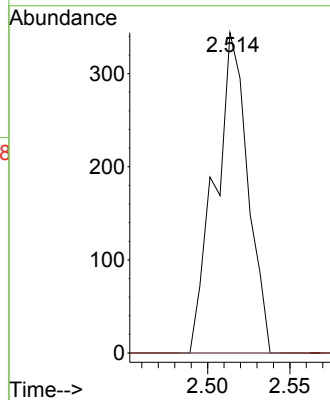
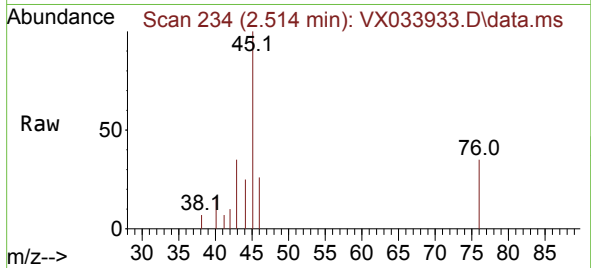
33903

Tgt Ion: 76 Resp: 477

Ion Ratio Lower Upper

76 100

78 0.0 7.0 10.6#



#18

Methyl Acetate

Concen: 11.104 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX033933.D

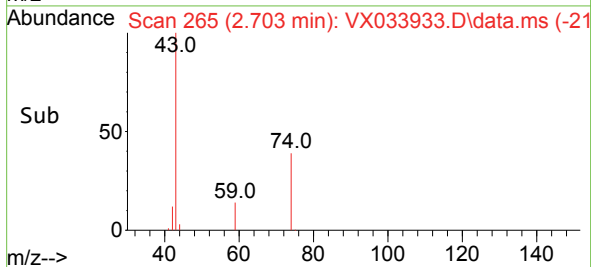
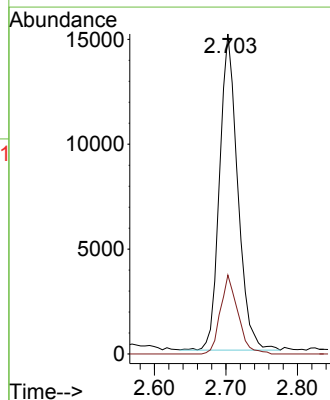
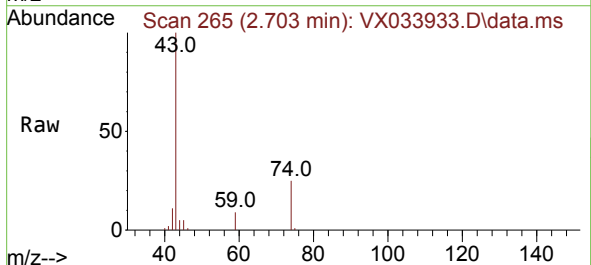
Acq: 27 Jan 2023 13:28

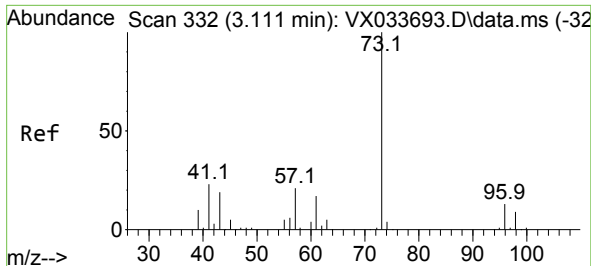
Tgt Ion: 43 Resp: 26628

Ion Ratio Lower Upper

43 100

74 24.0 18.2 27.4

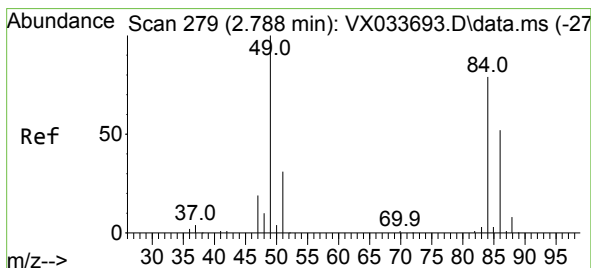
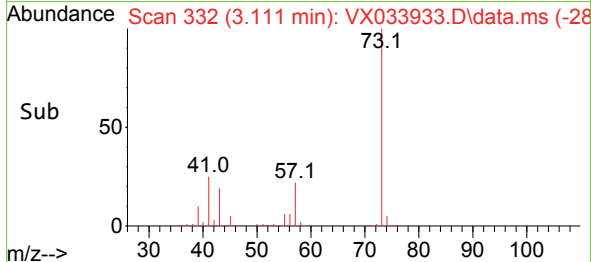
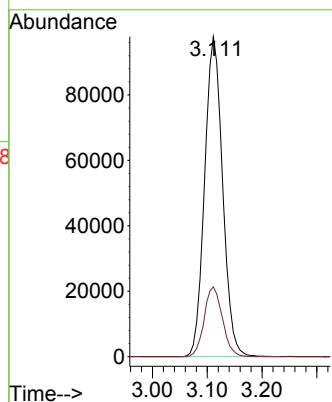
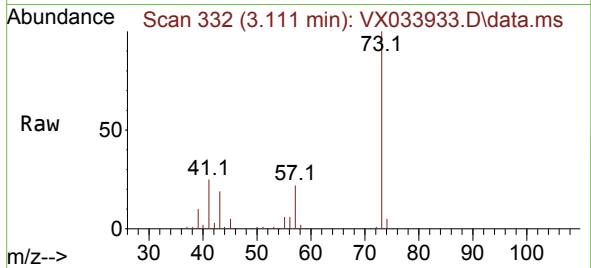




#19
Methyl tert-butyl Ether
Concen: 48.283 ug/l
RT: 3.111 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

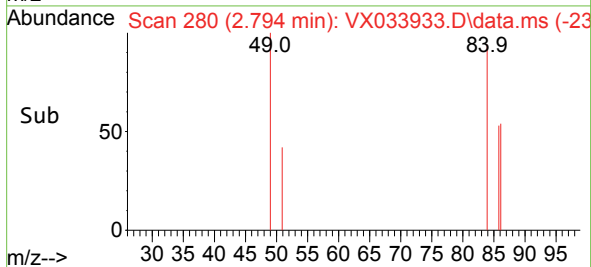
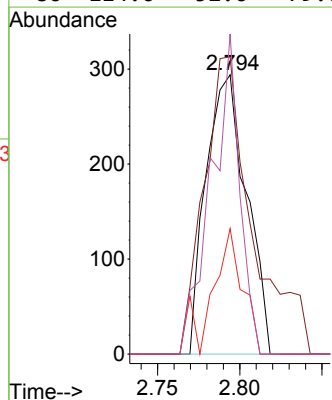
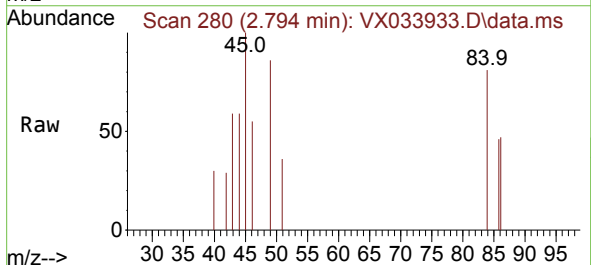
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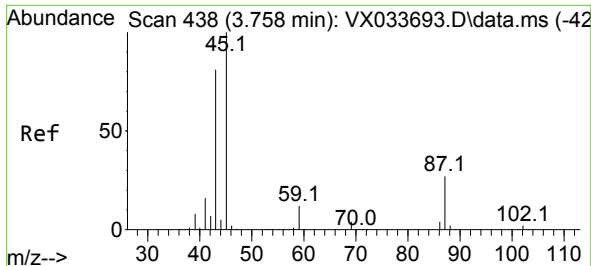
Tgt Ion: 73 Resp: 222691
Ion Ratio Lower Upper
73 100
57 21.8 17.4 26.0



#20
Methylene Chloride
Concen: Below Cal
RT: 2.794 min Scan# 280
Delta R.T. 0.006 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 84 Resp: 504
Ion Ratio Lower Upper
84 100
49 106.5 101.1 151.7
51 44.9 31.0 46.6
86 114.6 52.6 79.0#

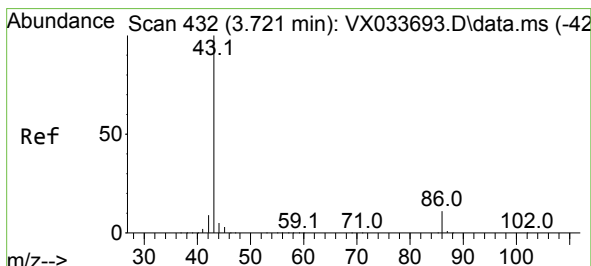
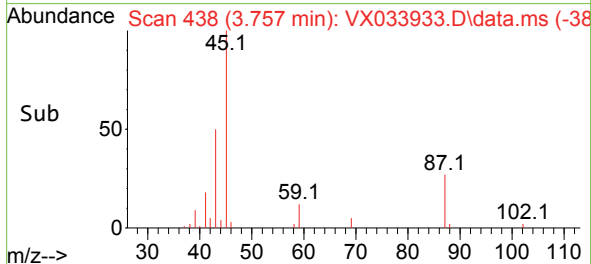
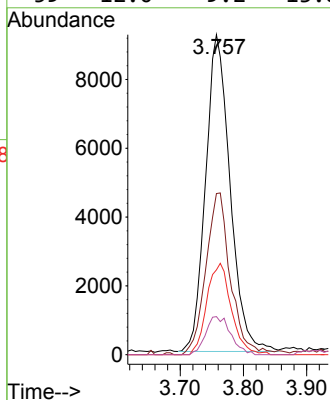
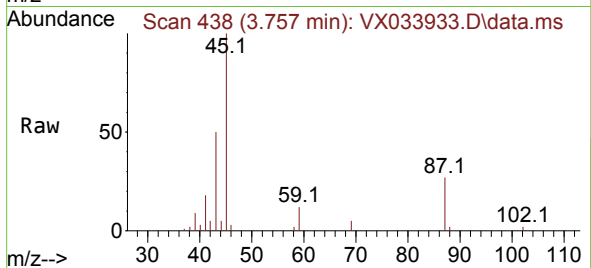




#22
Diisopropyl ether
Concen: 4.918 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

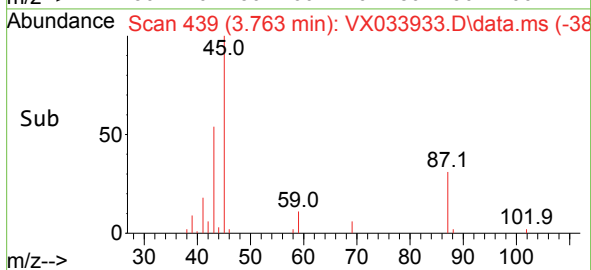
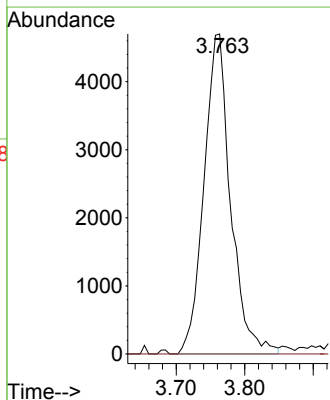
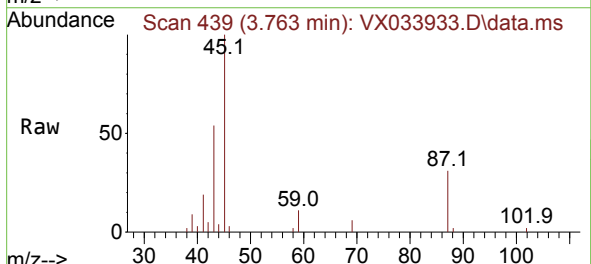
Instrument :
MSVOA_X
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33903

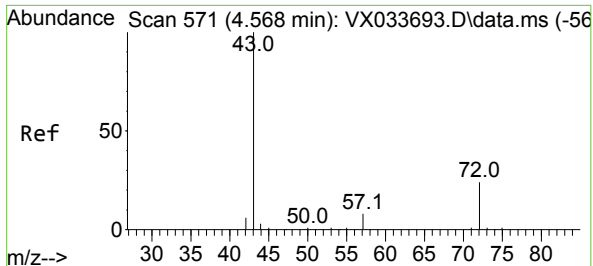
Tgt Ion:	45	Resp:	24785
Ion	Ratio	Lower	Upper
45	100		
43	50.9	64.6	97.0#
87	26.8	21.9	32.9
59	12.0	9.2	13.8



#23
Vinyl Acetate
Concen: 3.347 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.042 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion:	43	Resp:	12697
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.4	12.6#

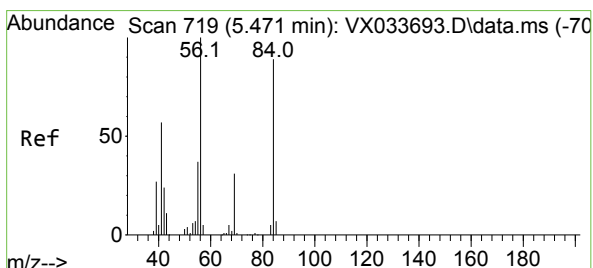
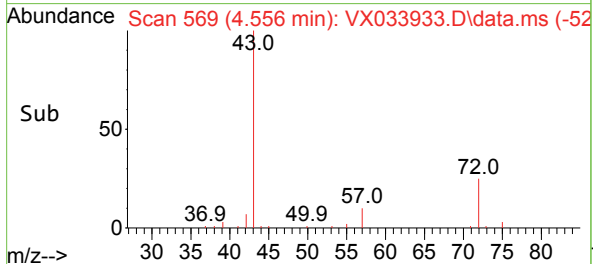
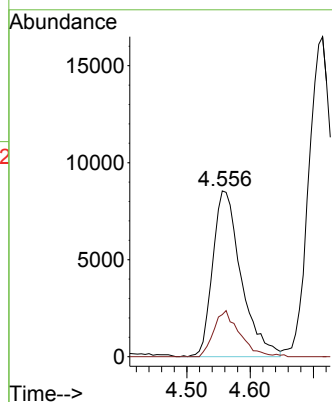
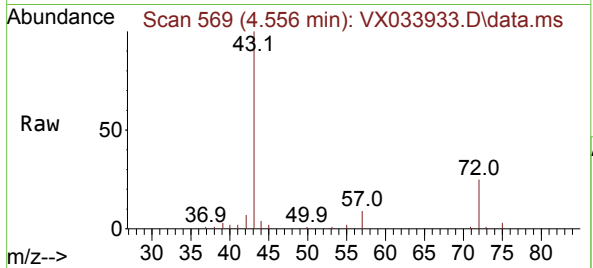




#25
2-Butanone
Concen: 23.735 ug/l
RT: 4.556 min Scan# 51
Delta R.T. -0.012 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

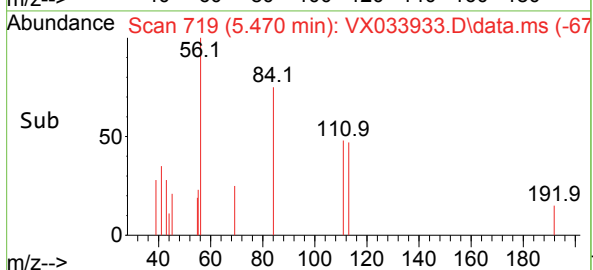
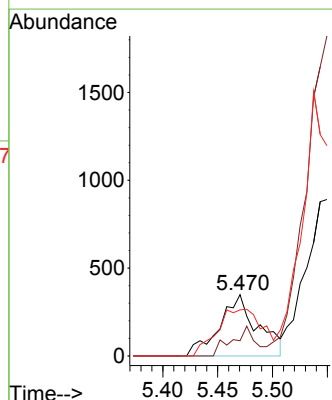
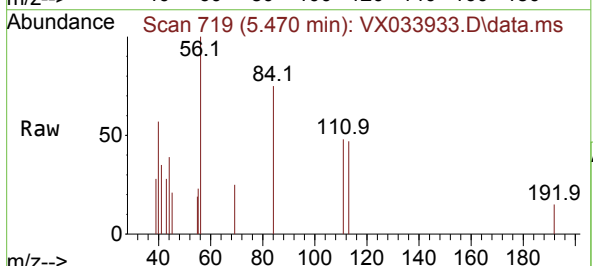
Instrument :
MSVOA_X
ClientSampleId :
33903

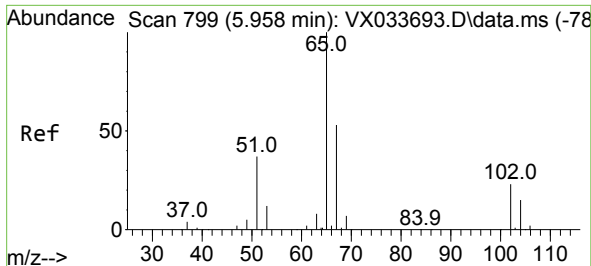
Tgt Ion: 43 Resp: 26649
Ion Ratio Lower Upper
43 100
72 25.4 19.4 29.2



#31
Cyclohexane
Concen: 0.333 ug/l
RT: 5.470 min Scan# 719
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 56 Resp: 842
Ion Ratio Lower Upper
56 100
69 24.6 24.6 37.0
84 75.1 71.0 106.6





#33

1,2-Dichloroethane-d4

Concen: 45.451 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

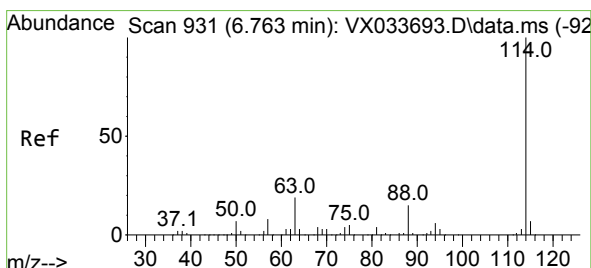
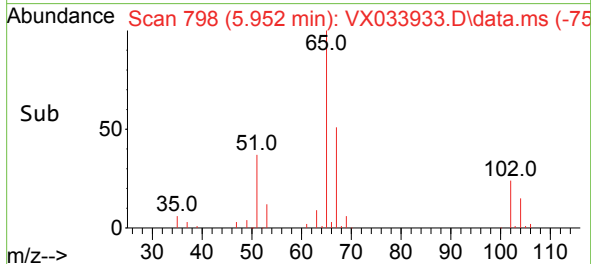
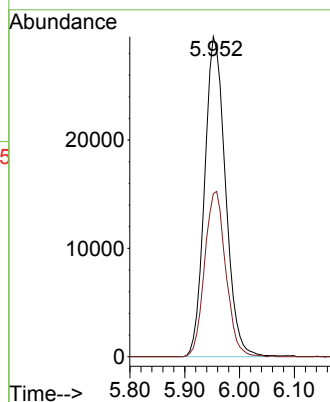
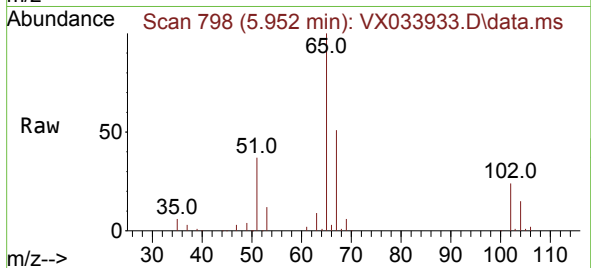
33903

Tgt Ion: 65 Resp: 78102

Ion Ratio Lower Upper

65 100

67 52.3 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

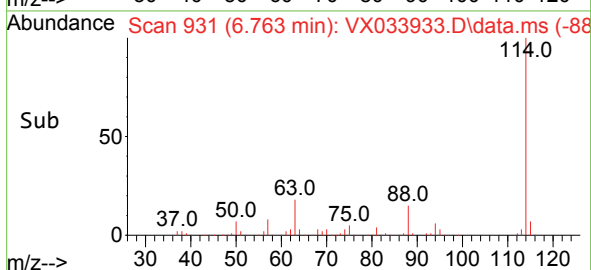
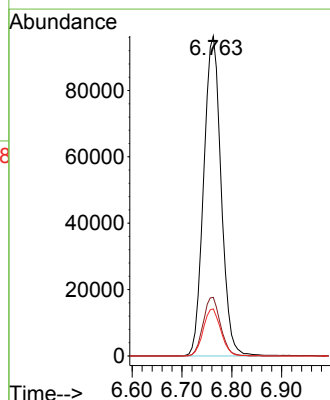
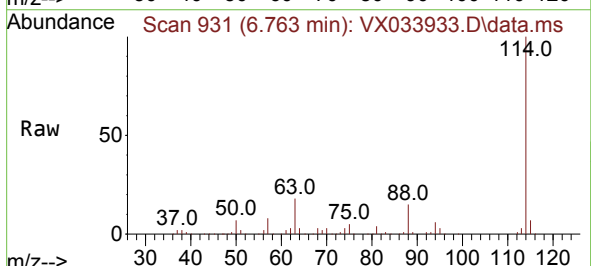
Tgt Ion: 114 Resp: 233982

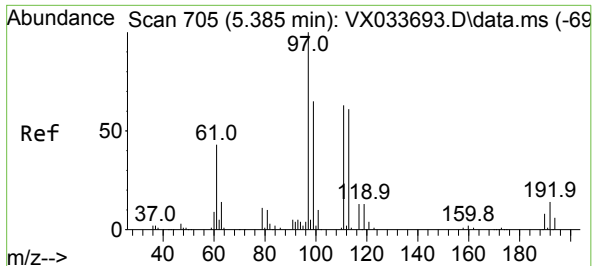
Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

88 14.7 0.0 30.6

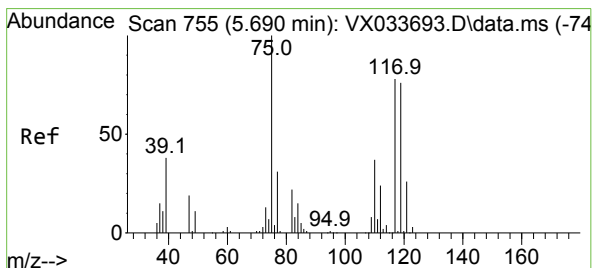
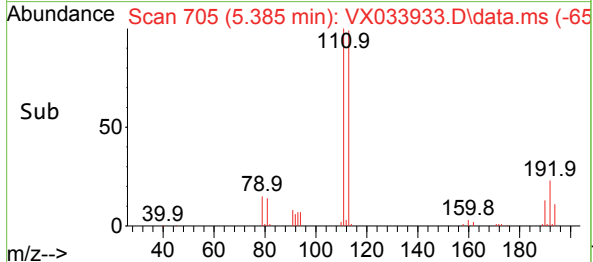
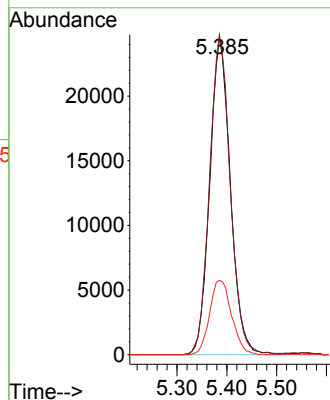
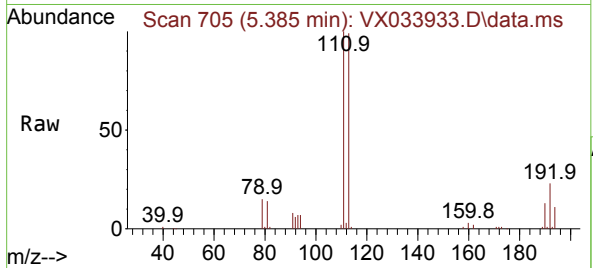




#35
Dibromofluoromethane
Concen: 48.541 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

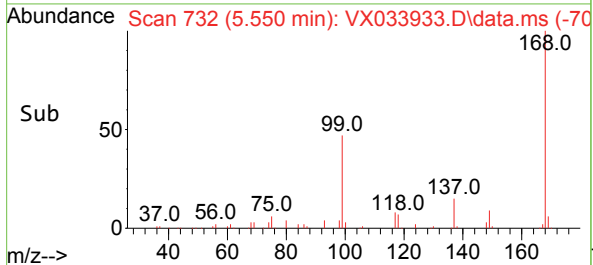
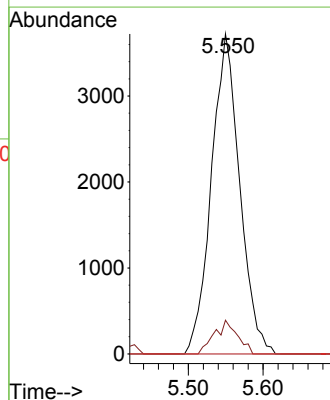
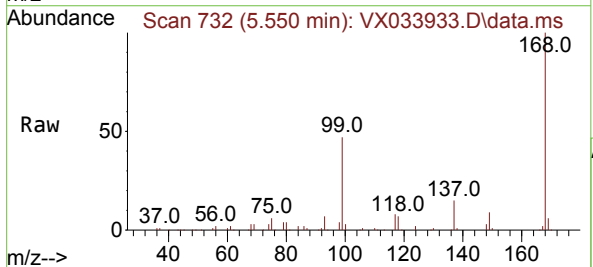
Instrument :
MSVOA_X
ClientSampleId :
33903

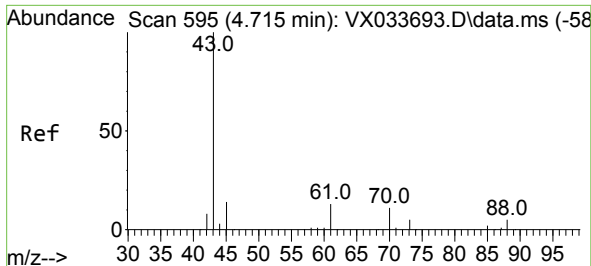
Tgt Ion:113 Resp: 70525
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.6
192 24.9 19.0 28.4



#36
1,1-Dichloropropene
Concen: 4.622 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 75 Resp: 9800
Ion Ratio Lower Upper
75 100
110 8.6 18.8 56.4#
77 0.0 25.1 37.7#

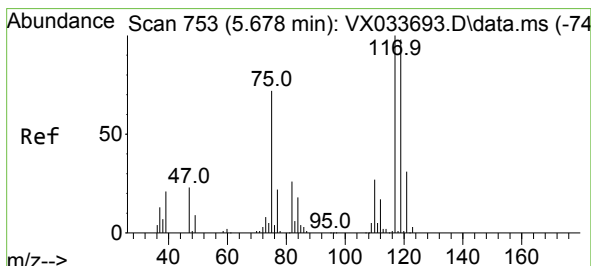
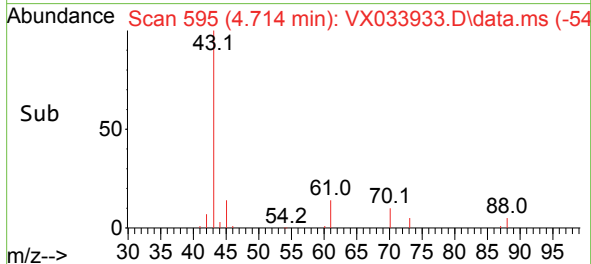
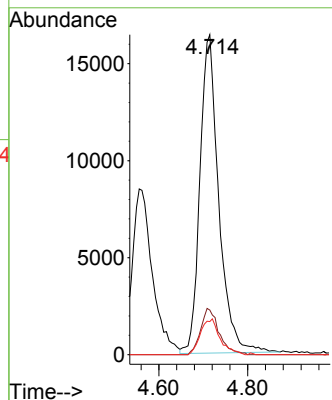
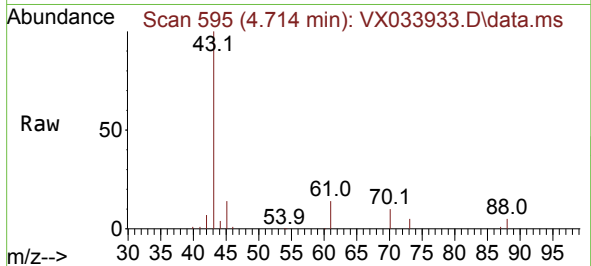




#37
Ethyl Acetate
Concen: 22.386 ug/l
RT: 4.714 min Scan# 595
Delta R.T. -0.001 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

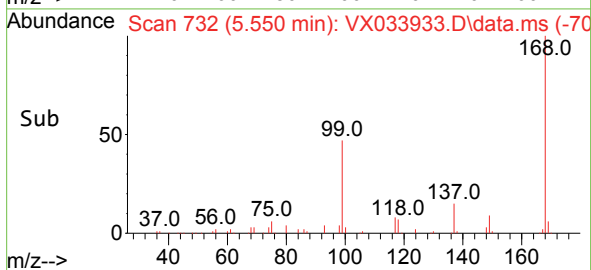
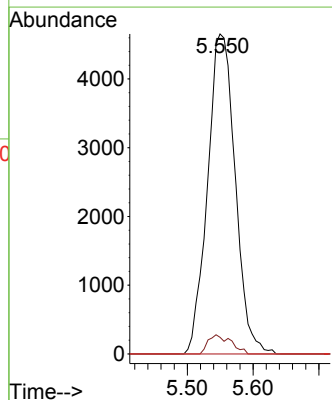
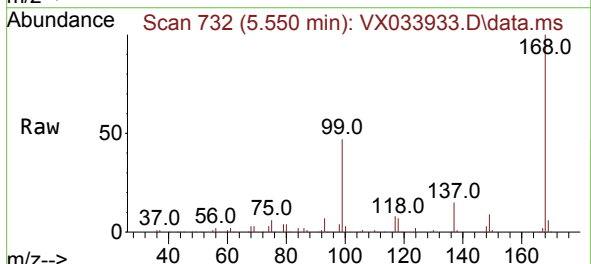
Instrument :
MSVOA_X
ClientSampleId :
33903

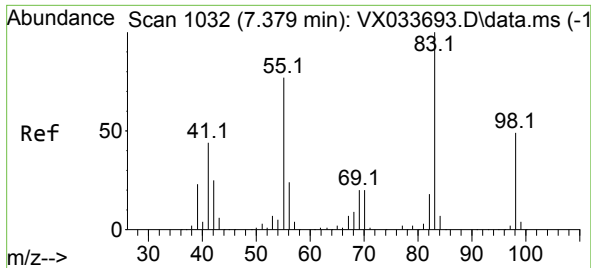
Tgt Ion:	43	Resp:	48486
Ion	Ratio	Lower	Upper
43	100		
61	14.2	11.1	16.7
70	11.6	8.5	12.7



#38
Carbon Tetrachloride
Concen: 6.207 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.128 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion:	117	Resp:	13632
Ion	Ratio	Lower	Upper
117	100		
119	5.2	78.0	117.0#
121	0.0	24.4	36.6#

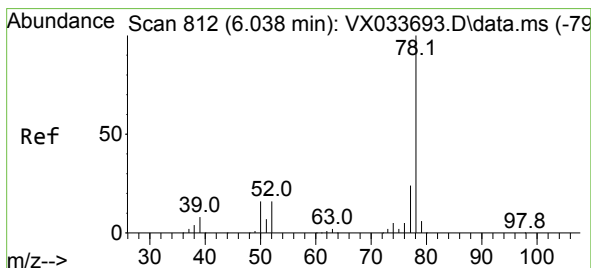
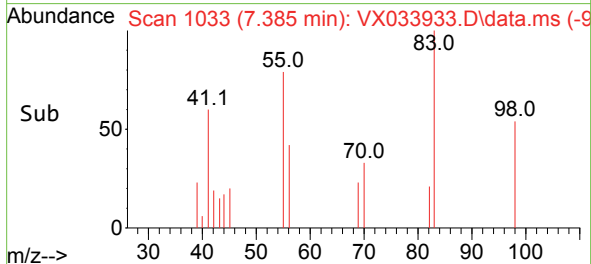
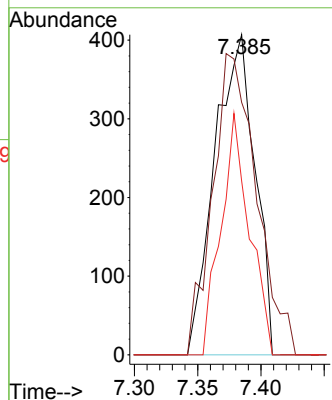
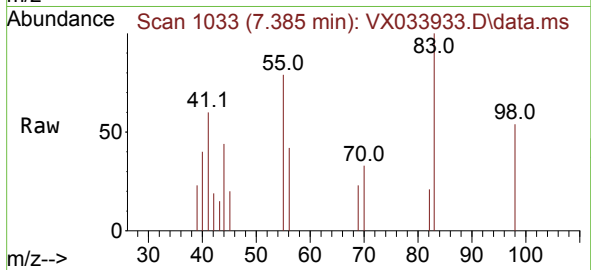




#39
Methylcyclohexane
Concen: 0.343 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.006 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

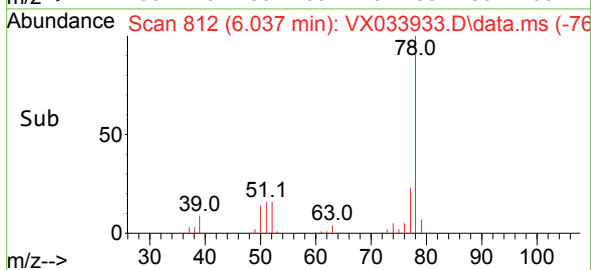
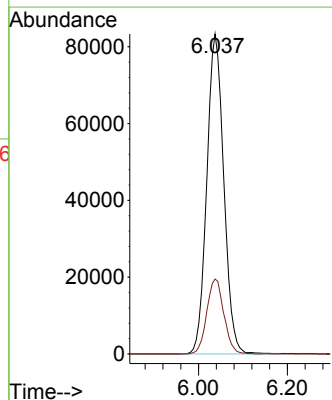
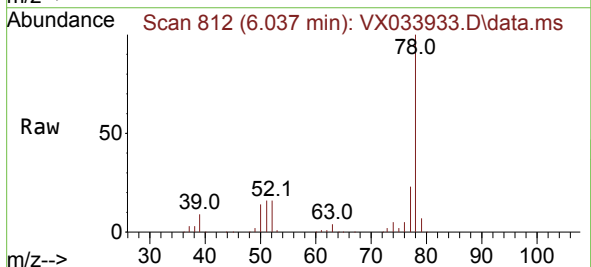
Instrument :
MSVOA_X
ClientSampleId :
33903

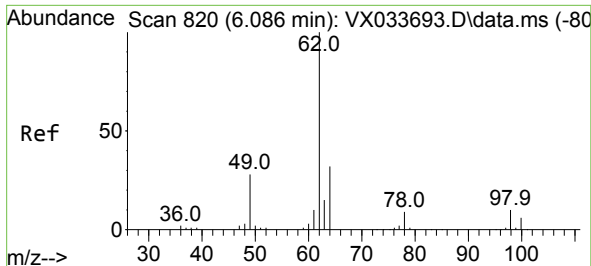
Tgt Ion: 83 Resp: 899
Ion Ratio Lower Upper
83 100
55 78.9 61.8 92.6
98 54.3 39.3 58.9



#40
Benzene
Concen: 35.842 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 78 Resp: 221528
Ion Ratio Lower Upper
78 100
77 23.4 19.0 28.4





#42

1,2-Dichloroethane

Concen: 0.837 ug/l

RT: 6.031 min Scan# 81

Delta R.T. -0.055 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

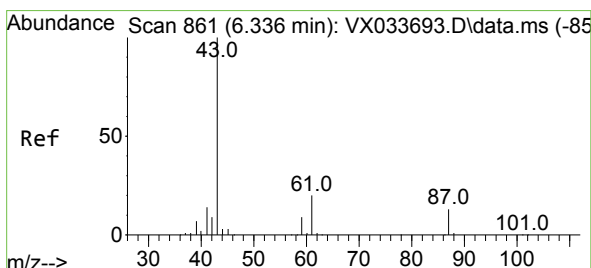
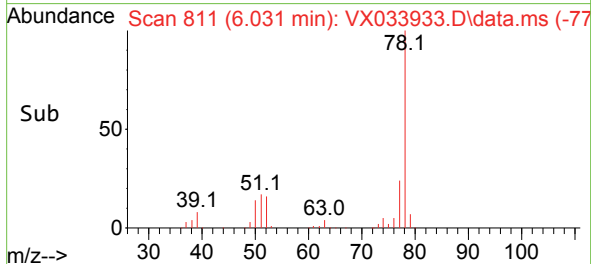
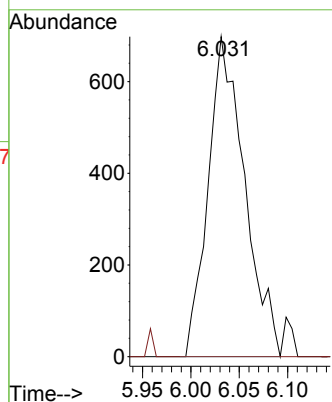
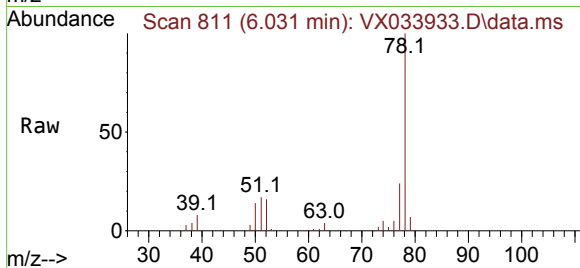
33903

Tgt Ion: 62 Resp: 1833

Ion Ratio Lower Upper

62 100

98 0.0 0.0 20.2



#43

Isopropyl Acetate

Concen: 0.428 ug/l

RT: 6.330 min Scan# 860

Delta R.T. -0.006 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

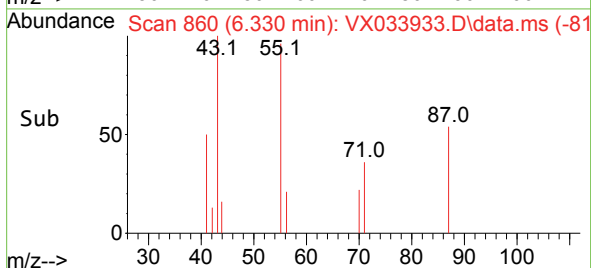
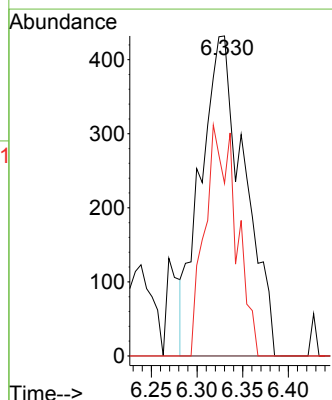
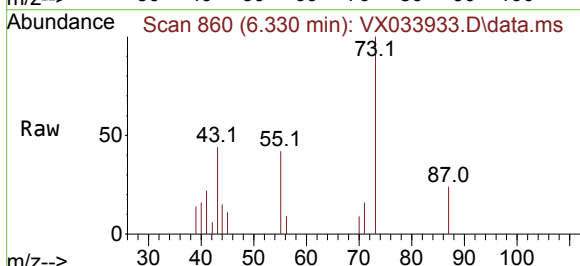
Tgt Ion: 43 Resp: 1434

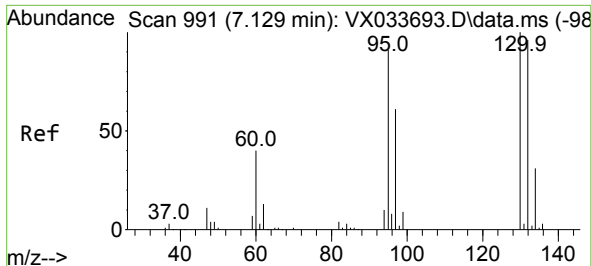
Ion Ratio Lower Upper

43 100

61 0.0 15.7 23.5#

87 51.5 10.6 15.8#

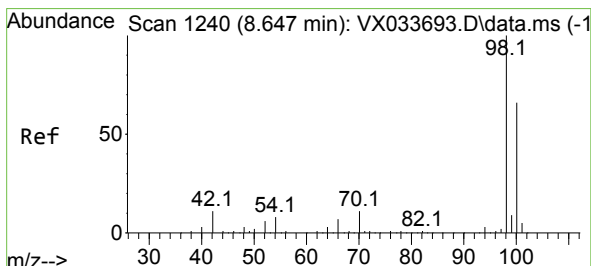
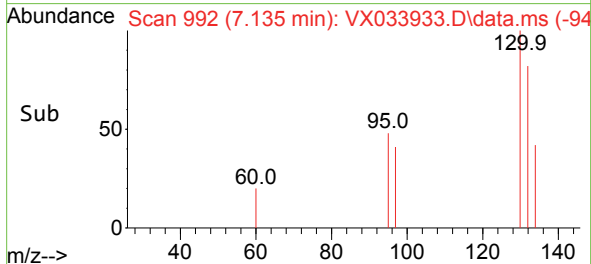
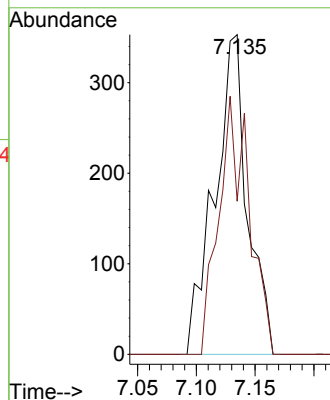
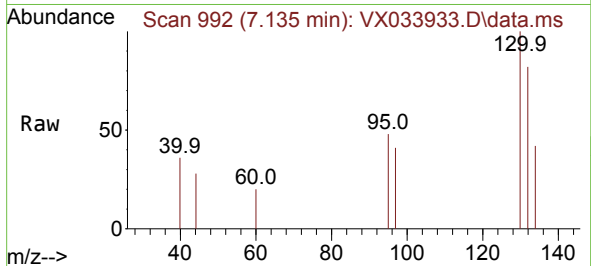




#44
 Trichloroethene
 Concen: 0.396 ug/l
 RT: 7.135 min Scan# 991
 Delta R.T. 0.006 min
 Lab File: VX033933.D
 Acq: 27 Jan 2023 13:28

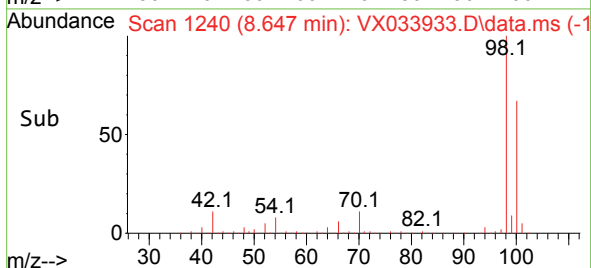
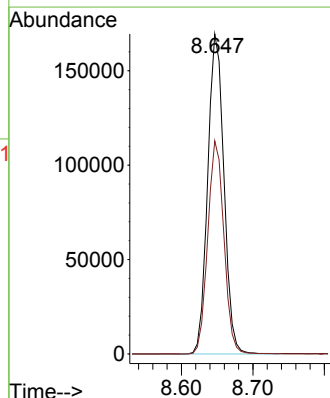
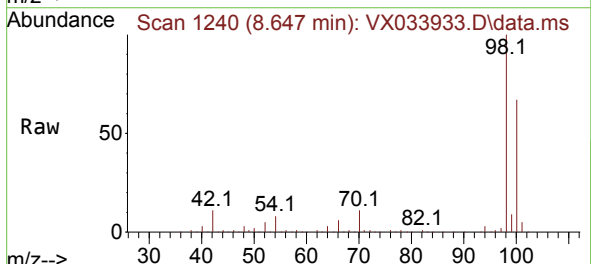
Instrument :
 MSVOA_X
 ClientSampleId :
 33903

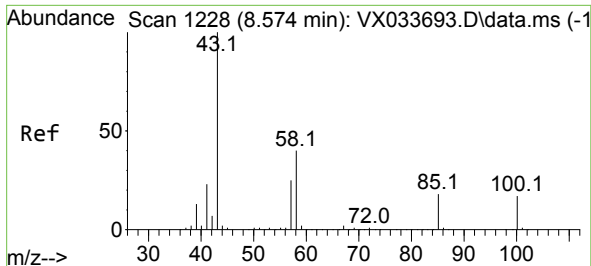
Tgt Ion:130 Resp: 685
 Ion Ratio Lower Upper
 130 100
 95 47.9 0.0 182.6



#50
 Toluene-d8
 Concen: 50.412 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. -0.000 min
 Lab File: VX033933.D
 Acq: 27 Jan 2023 13:28

Tgt Ion: 98 Resp: 266864
 Ion Ratio Lower Upper
 98 100
 100 66.4 53.6 80.4

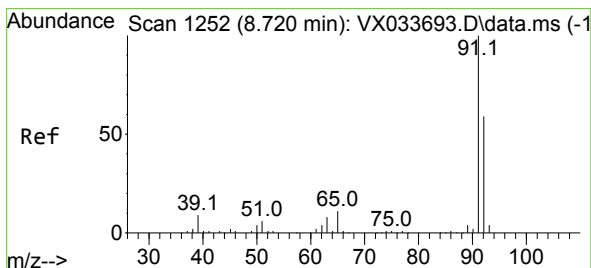
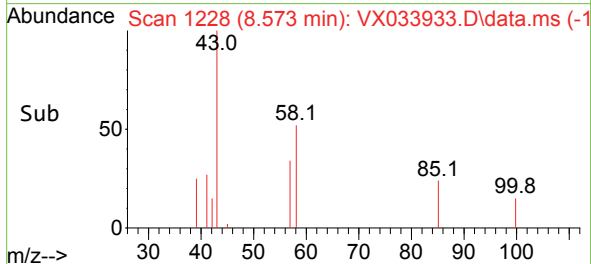
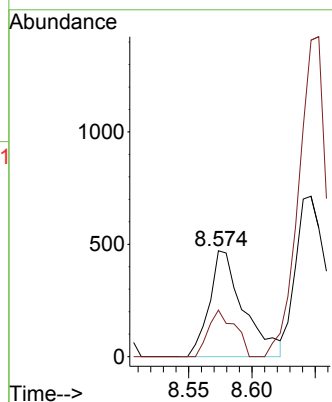
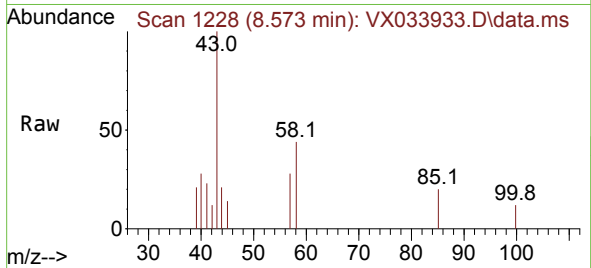




#51
4-Methyl-2-Pentanone
Concen: 0.432 ug/l
RT: 8.573 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

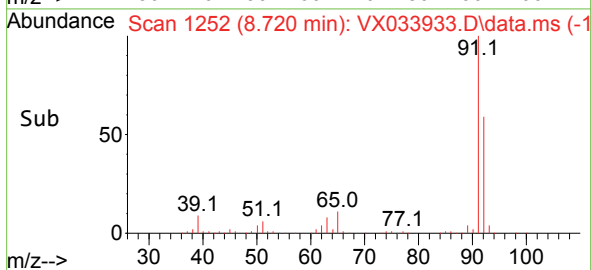
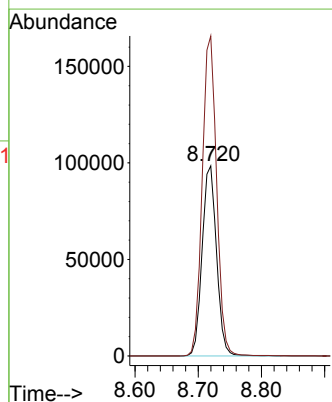
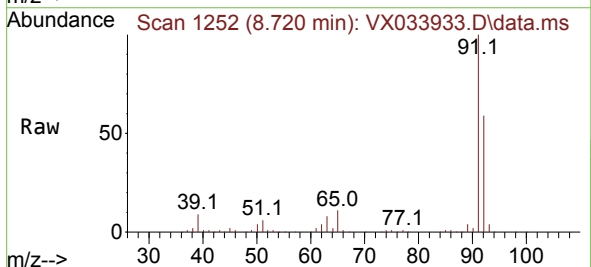
Instrument :
MSVOA_X
ClientSampleId :
33903

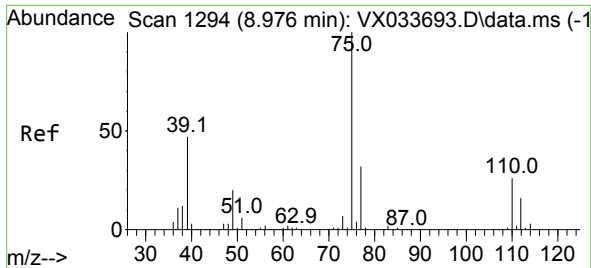
Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
58 33.7 31.2 46.8



#52
Toluene
Concen: 39.121 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 92 Resp: 156145
Ion Ratio Lower Upper
92 100
91 168.0 135.5 203.3

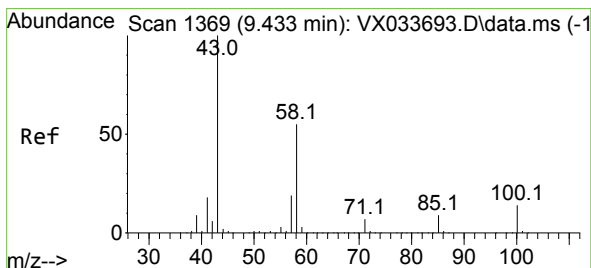
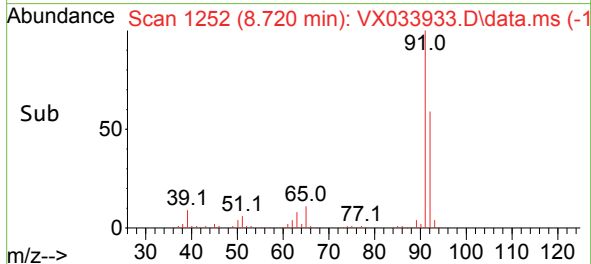
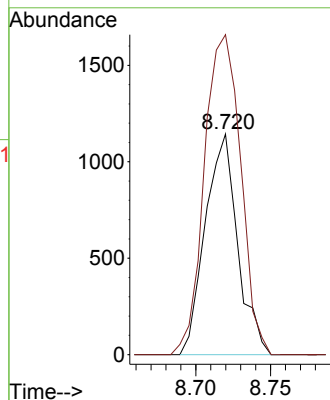
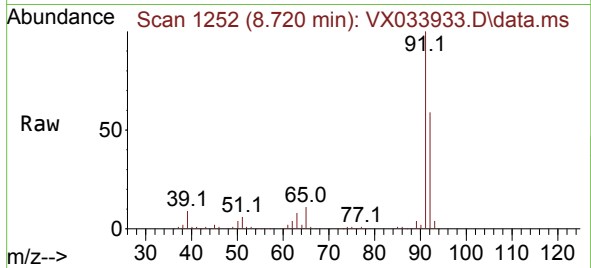




#53
t-1,3-Dichloropropene
Concen: 0.825 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.256 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

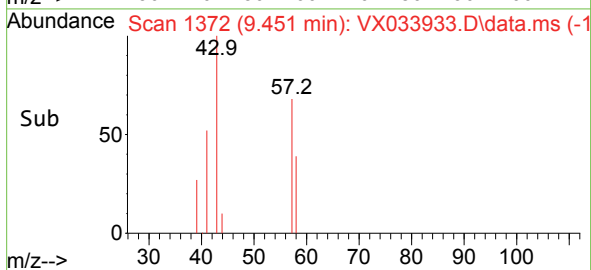
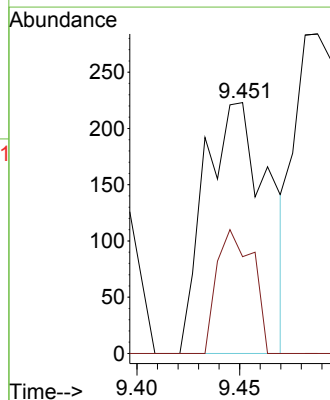
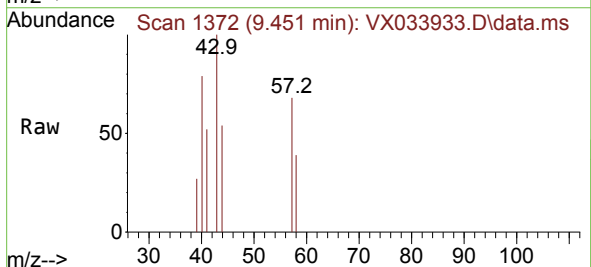
Instrument :
MSVOA_X
ClientSampleId :
33903

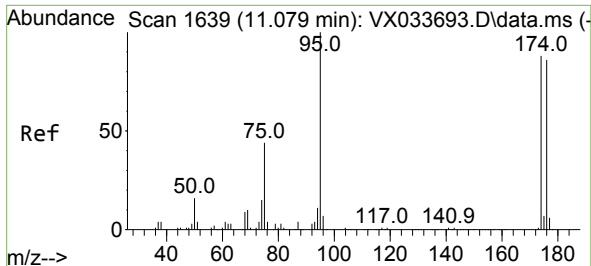
Tgt Ion: 75 Resp: 1720
Ion Ratio Lower Upper
75 100
77 145.0 25.5 38.3#



#59
2-Hexanone
Concen: 0.335 ug/l
RT: 9.451 min Scan# 1372
Delta R.T. 0.018 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 43 Resp: 479
Ion Ratio Lower Upper
43 100
58 28.2 27.4 82.0

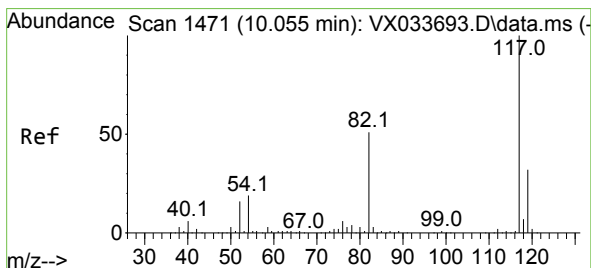
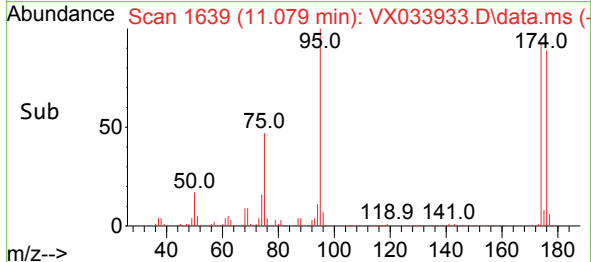
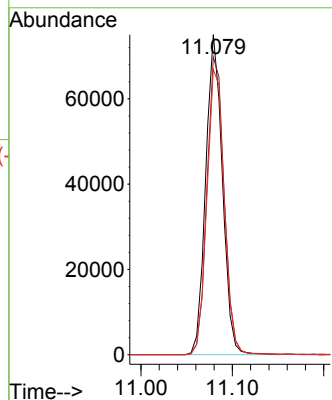
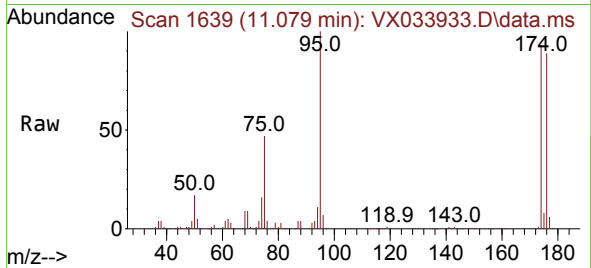




#62
4-Bromofluorobenzene
Concen: 48.277 ug/l
RT: 11.079 min Scan# 1
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

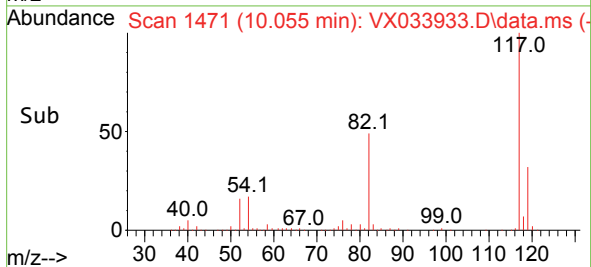
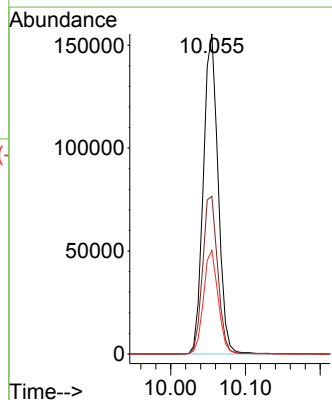
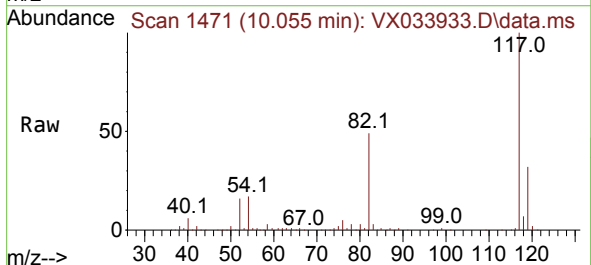
Instrument :
MSVOA_X
ClientSampleId :
33903

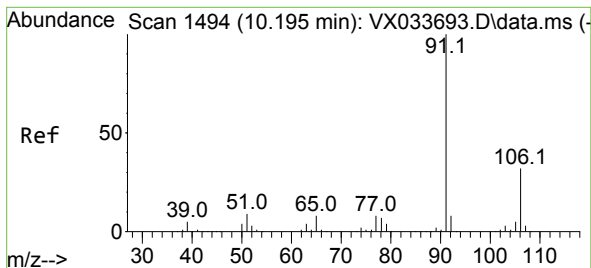
Tgt Ion: 95 Resp: 94885
Ion Ratio Lower Upper
95 100
174 96.1 0.0 184.4
176 93.1 0.0 178.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 117 Resp: 212731
Ion Ratio Lower Upper
117 100
82 49.2 40.6 60.8
119 32.4 25.6 38.4

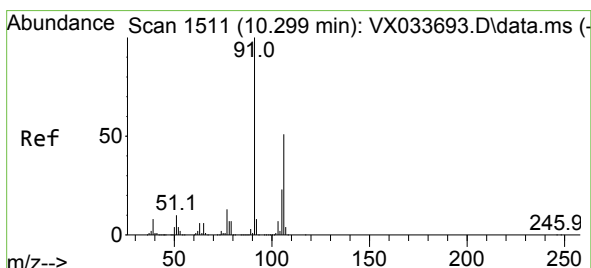
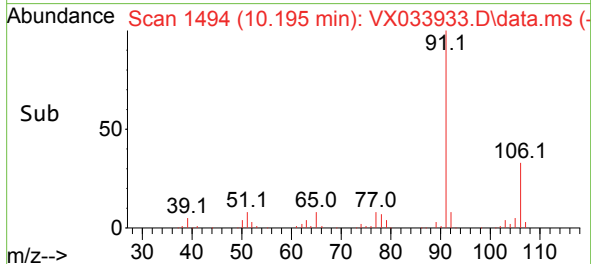
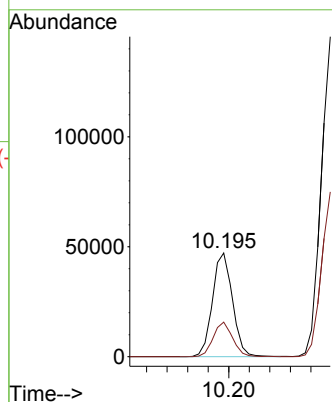
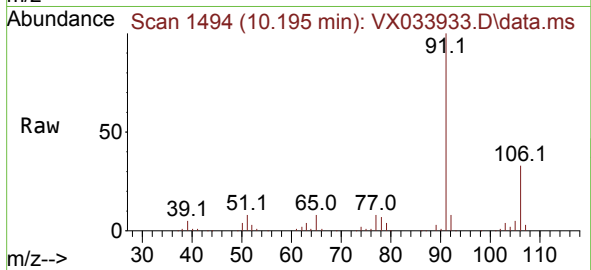




#67
Ethyl Benzene
Concen: 8.410 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

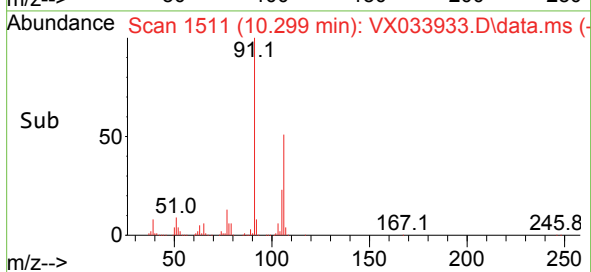
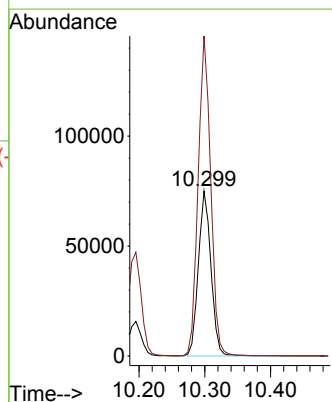
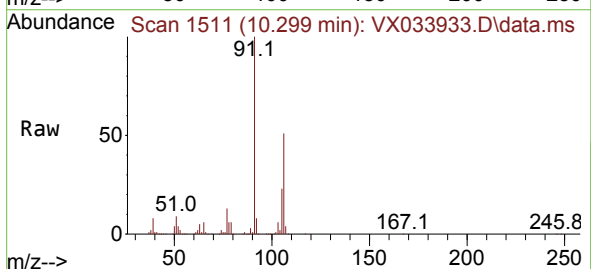
Instrument :
MSVOA_X
ClientSampleId :
33903

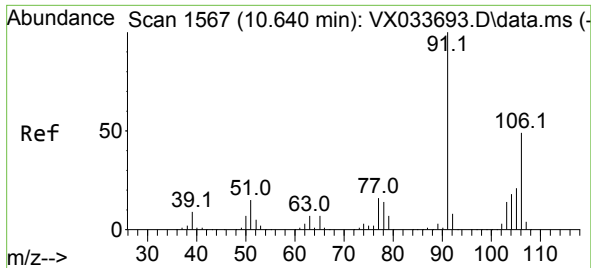
Tgt Ion: 91 Resp: 63588
Ion Ratio Lower Upper
91 100
106 33.3 25.8 38.8



#68
m/p-Xylenes
Concen: 33.662 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 106 Resp: 99556
Ion Ratio Lower Upper
106 100
91 193.2 156.4 234.6

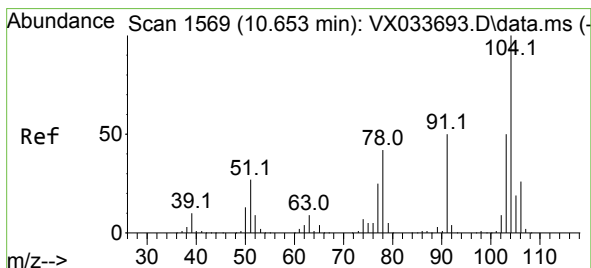
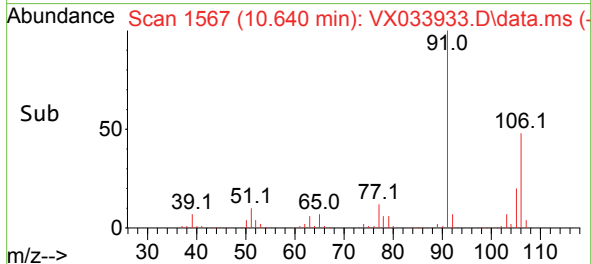
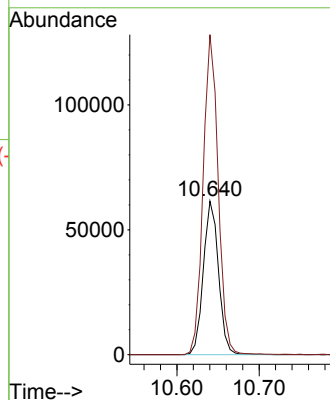
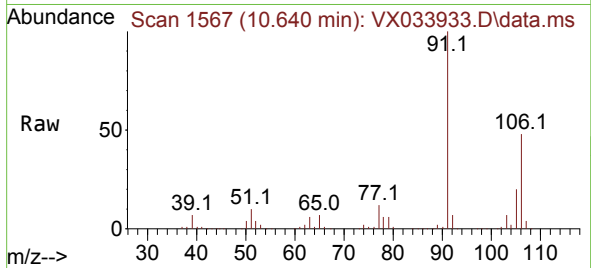




#69
o-Xylene
Concen: 26.835 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

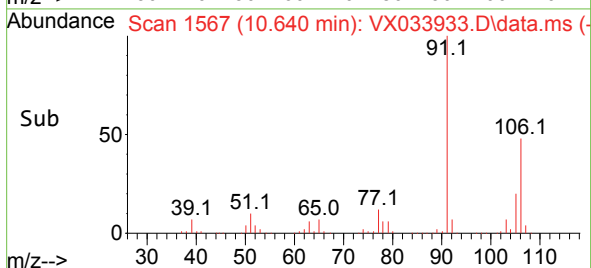
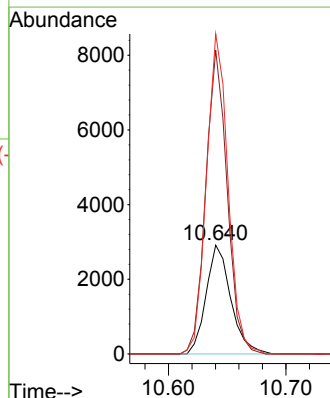
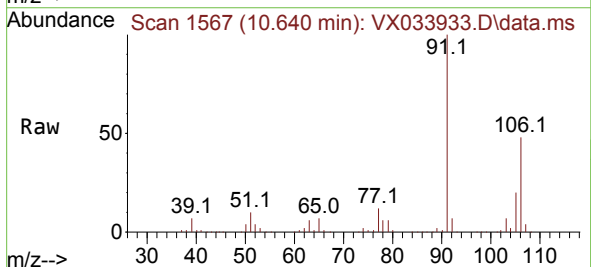
Instrument :
MSVOA_X
ClientSampleId :
33903

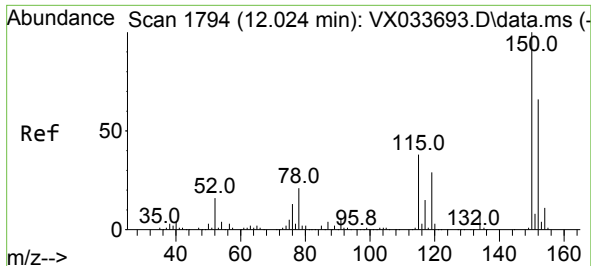
Tgt Ion:106 Resp: 78706
Ion Ratio Lower Upper
106 100
91 207.0 103.1 309.3



#70
Styrene
Concen: 0.894 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.012 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

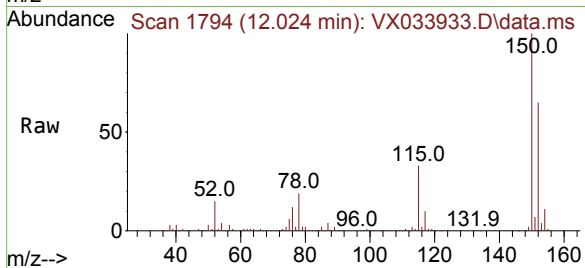
Tgt Ion:104 Resp: 4263
Ion Ratio Lower Upper
104 100
78 241.6 37.5 56.3#
103 257.2 43.3 64.9#



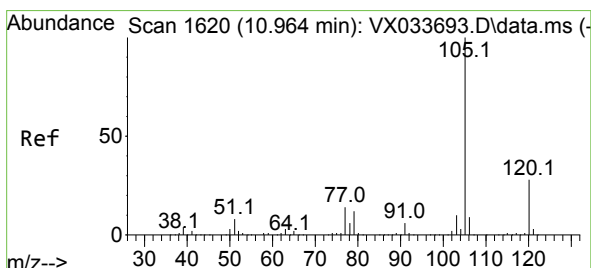
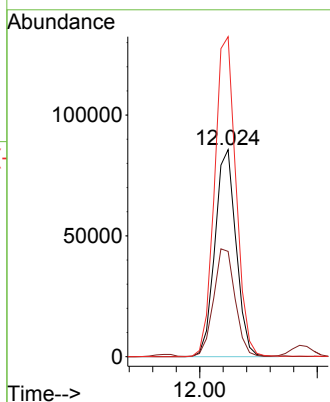
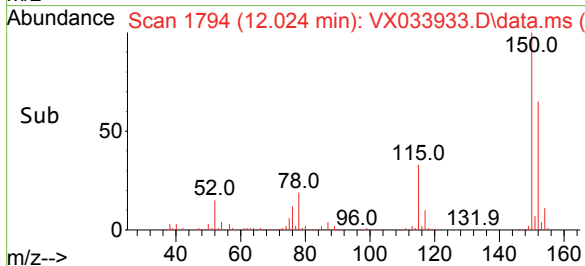


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

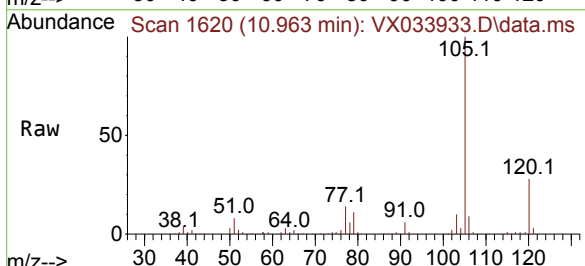
Instrument :
MSVOA_X
ClientSampleId :
33903



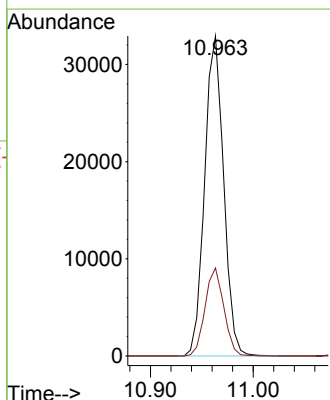
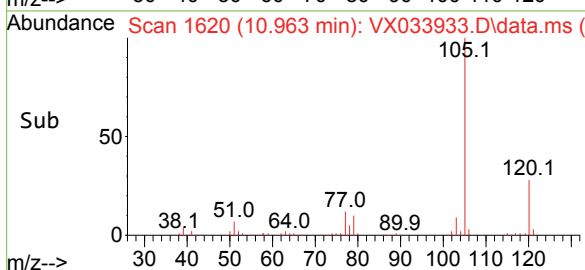
Tgt Ion:152 Resp: 107211
Ion Ratio Lower Upper
152 100
115 52.7 38.7 116.1
150 157.2 0.0 348.2

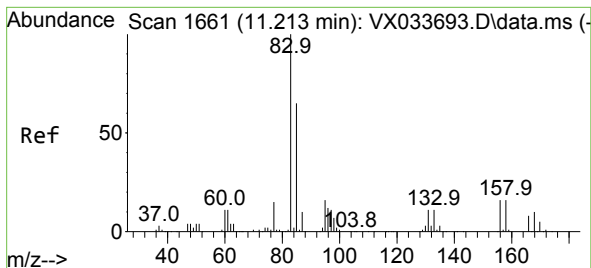


#73
Isopropylbenzene
Concen: 3.659 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. -0.001 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28



Tgt Ion:105 Resp: 42246
Ion Ratio Lower Upper
105 100
120 27.2 13.6 40.8





#75

1,1,2,2-Tetrachloroethane

Concen: Below Cal

RT: 11.274 min Scan# 1

Delta R.T. 0.061 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

33903

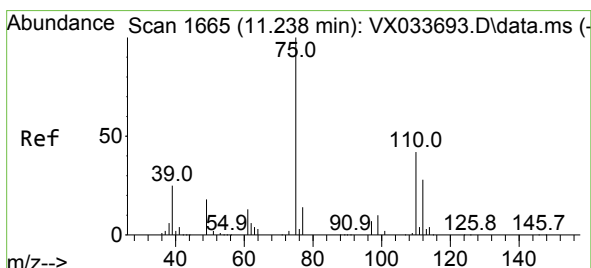
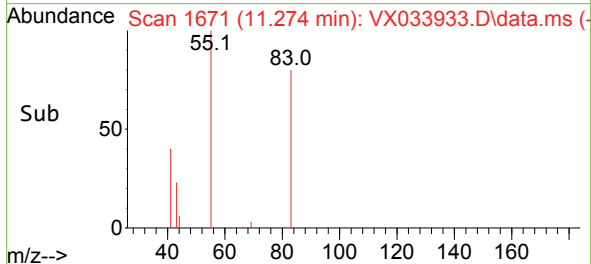
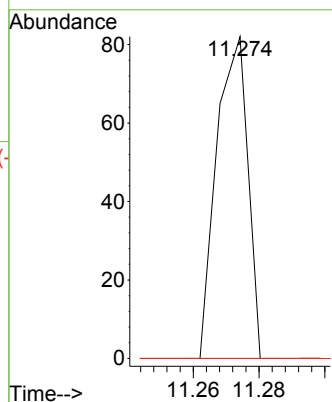
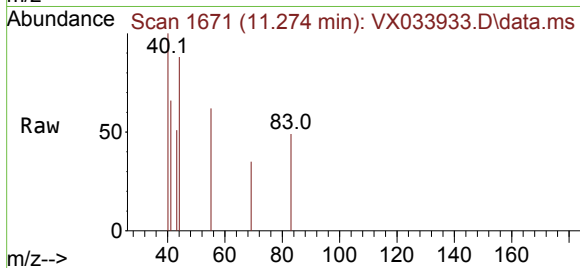
Tgt Ion: 83 Resp: 54

Ion Ratio Lower Upper

83 100

131 0.0 5.5 16.7#

85 0.0 32.3 96.9#



#76

1,2,3-Trichloropropane

Concen: 0.876 ug/l

RT: 11.378 min Scan# 1688

Delta R.T. 0.140 min

Lab File: VX033933.D

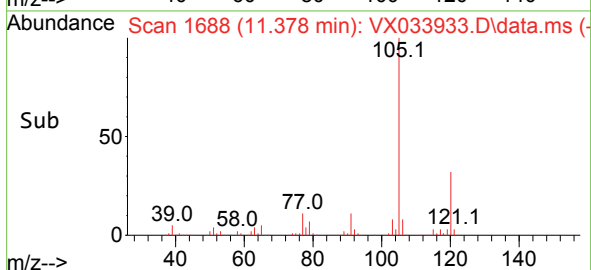
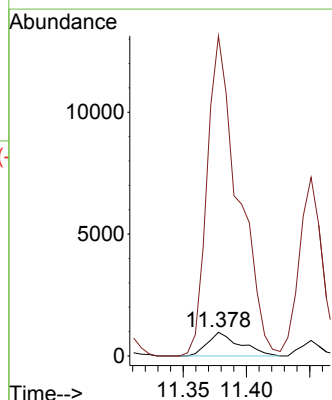
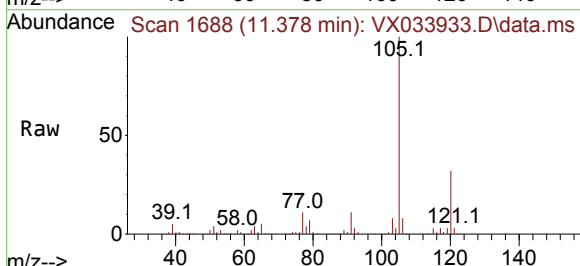
Acq: 27 Jan 2023 13:28

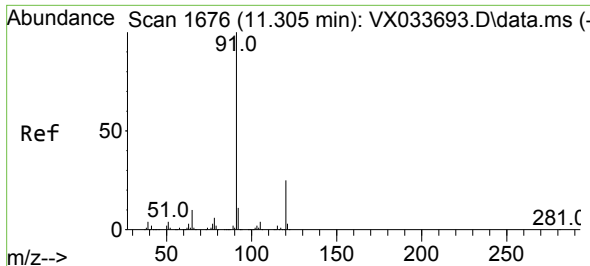
Tgt Ion: 75 Resp: 1726

Ion Ratio Lower Upper

75 100

77 1310.4 21.8 65.4#

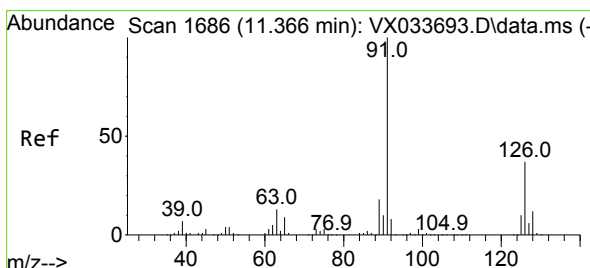
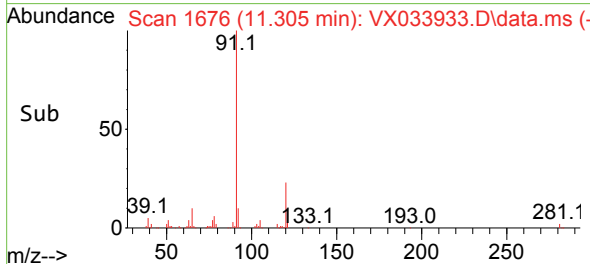
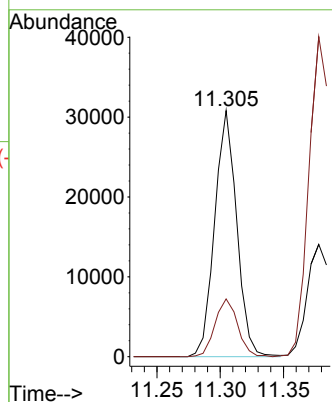
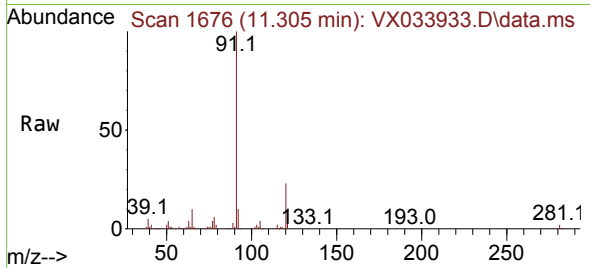




#78
n-propylbenzene
Concen: 4.264 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

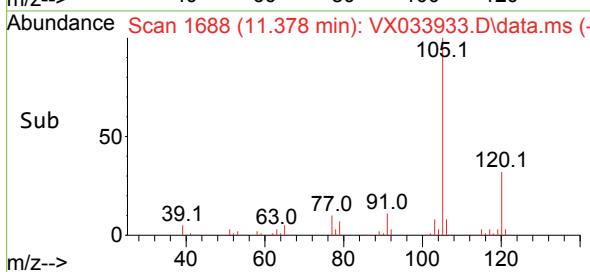
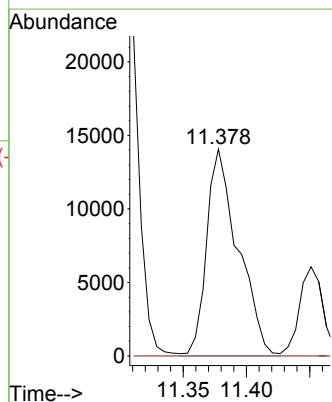
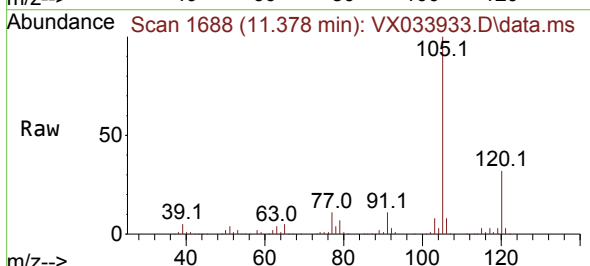
Instrument :
MSVOA_X
ClientSampleId :
33903

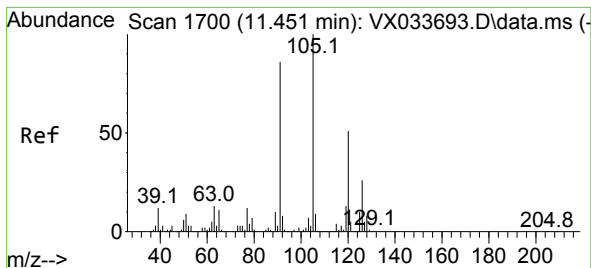
Tgt Ion: 91 Resp: 37307
Ion Ratio Lower Upper
91 100
120 24.1 12.3 36.8



#79
2-Chlorotoluene
Concen: 2.320 ug/l
RT: 11.378 min Scan# 1688
Delta R.T. 0.012 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 91 Resp: 24396
Ion Ratio Lower Upper
91 100
126 0.0 18.1 54.1#





#80

1,3,5-Trimethylbenzene

Concen: 12.114 ug/l

RT: 11.451 min Scan# 11

Delta R.T. -0.000 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

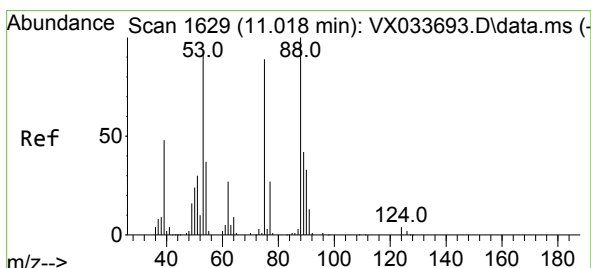
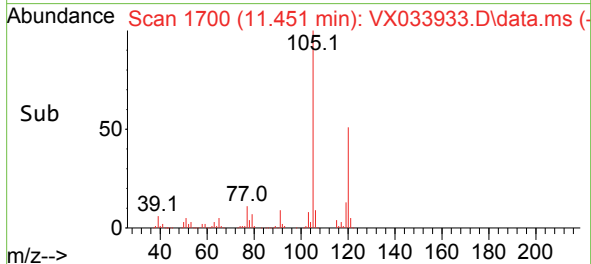
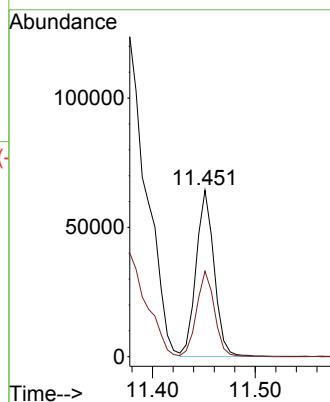
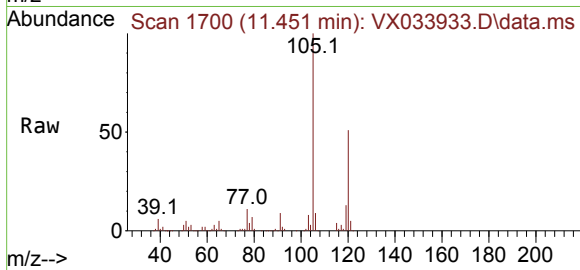
33903

Tgt Ion:105 Resp: 78150

Ion Ratio Lower Upper

105 100

120 51.3 25.6 76.8



#81

trans-1,4-Dichloro-2-butene

Concen: 69.248 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.061 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

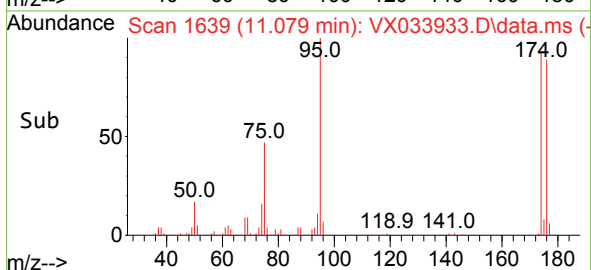
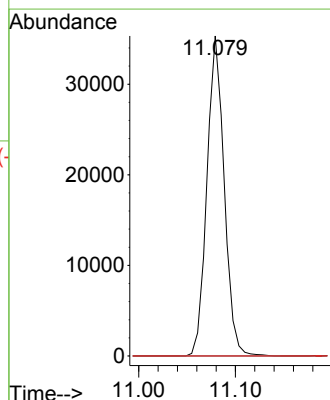
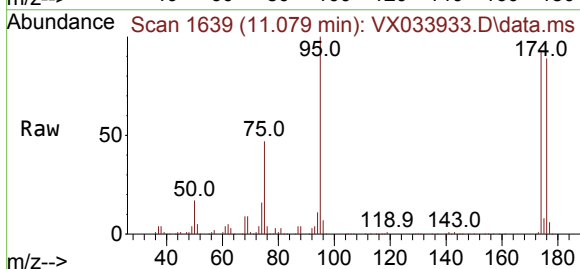
Tgt Ion: 75 Resp: 43891

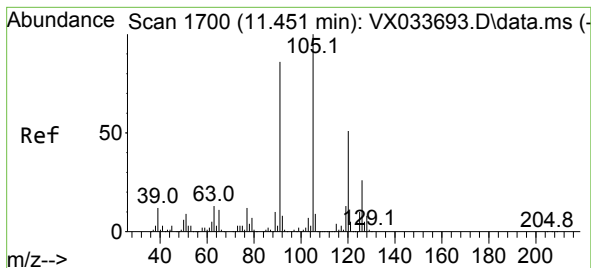
Ion Ratio Lower Upper

75 100

53 0.0 83.0 124.6#

89 0.0 37.7 56.5#

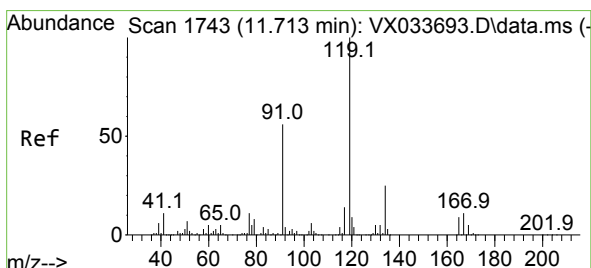
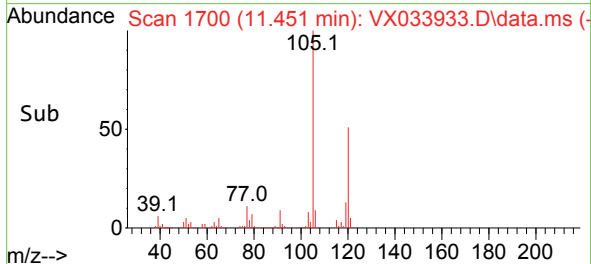
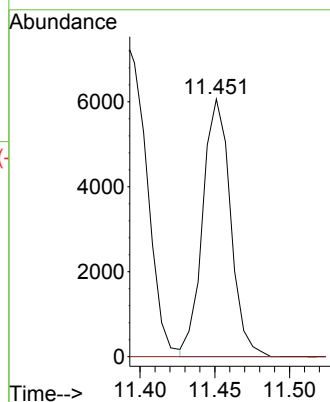
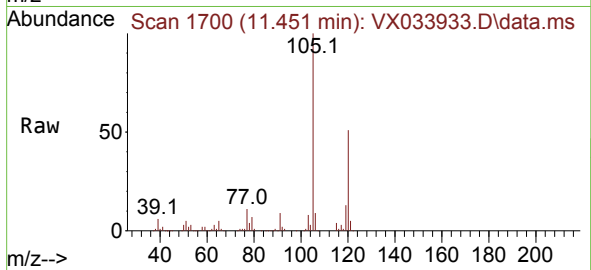




#82
4-Chlorotoluene
Concen: Below Cal
RT: 11.451 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

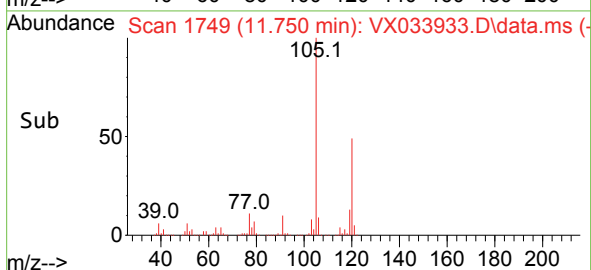
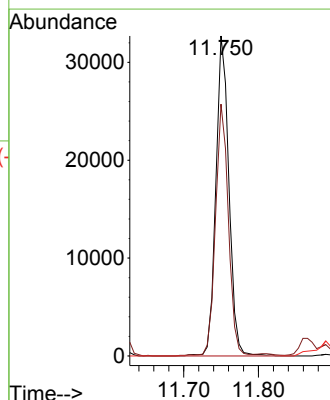
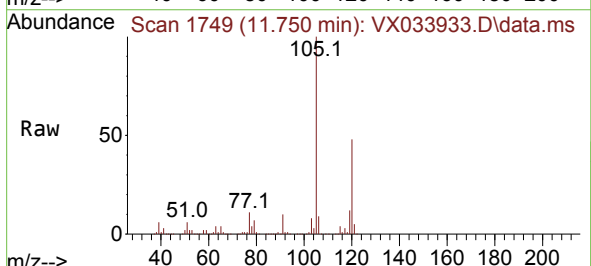
Instrument :
MSVOA_X
ClientSampleId :
33903

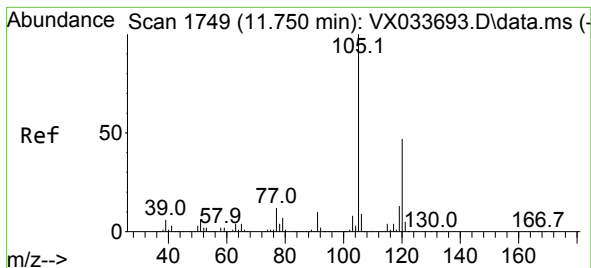
Tgt Ion: 91 Resp: 7842
Ion Ratio Lower Upper
91 100
126 0.0 15.8 47.4#



#83
tert-Butylbenzene
Concen: 6.176 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.036 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 119 Resp: 39559
Ion Ratio Lower Upper
119 100
91 78.2 26.9 80.7
134 0.0 12.3 36.8#





#84

1,2,4-Trimethylbenzene

Concen: 51.521 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

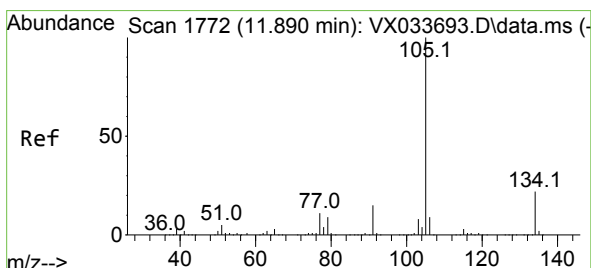
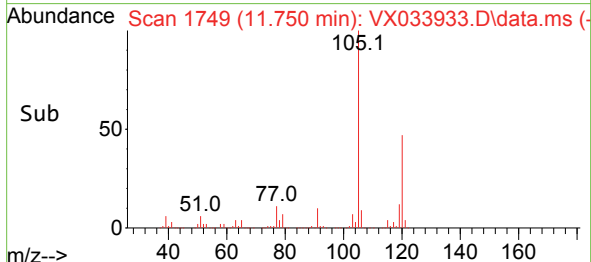
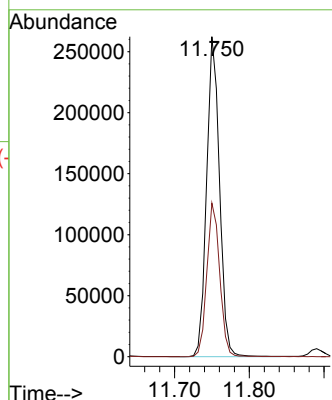
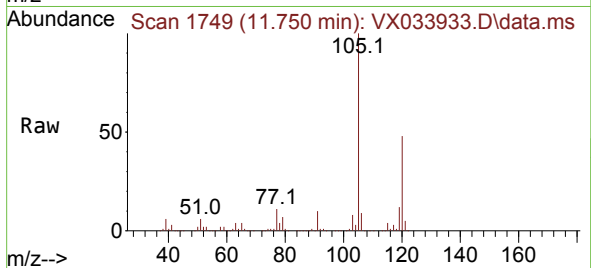
33903

Tgt Ion:105 Resp: 314406

Ion Ratio Lower Upper

105 100

120 47.9 23.4 70.2



#85

sec-Butylbenzene

Concen: 41.037 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.140 min

Lab File: VX033933.D

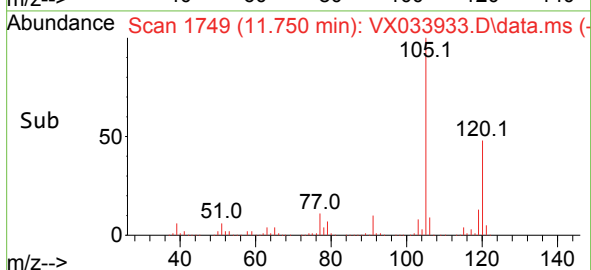
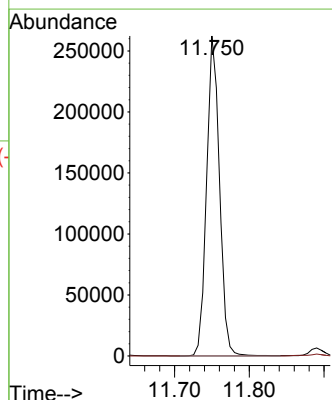
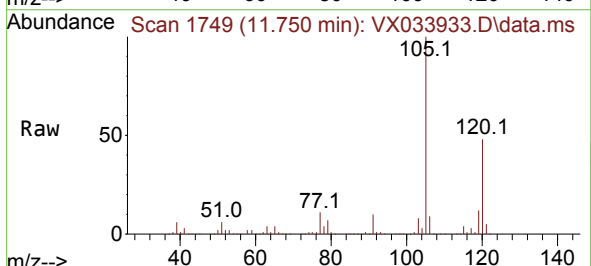
Acq: 27 Jan 2023 13:28

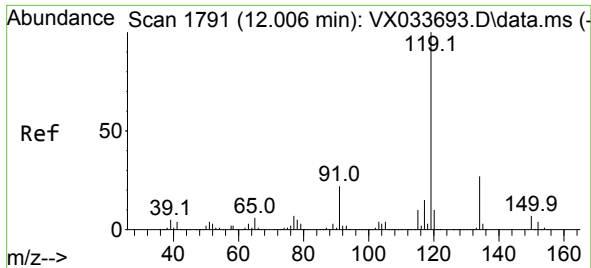
Tgt Ion:105 Resp: 314406

Ion Ratio Lower Upper

105 100

134 0.0 10.8 32.3#





#86

p-Isopropyltoluene

Concen: 0.945 ug/l

RT: 12.012 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

Instrument :

MSVOA_X

ClientSampleId :

33903

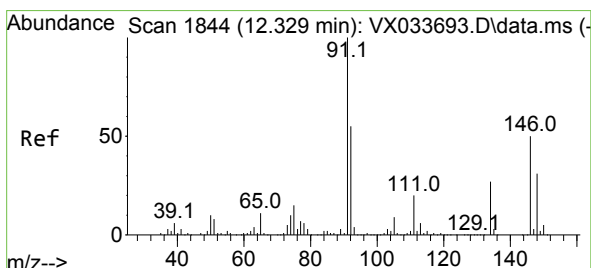
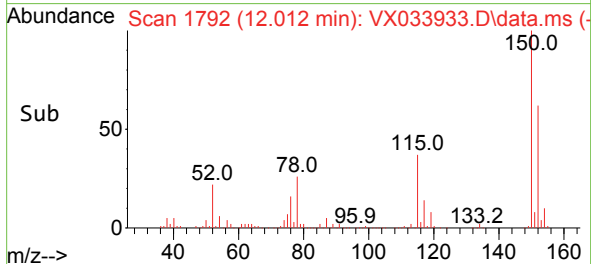
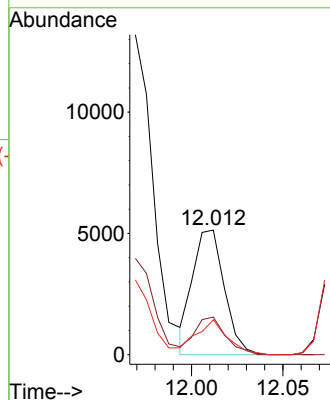
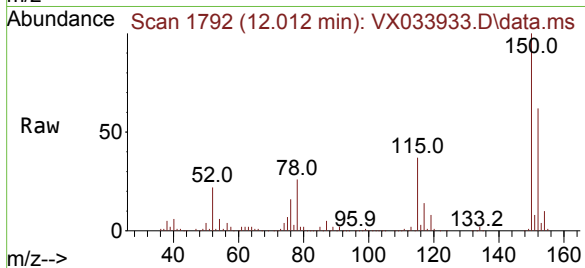
Tgt Ion:119 Resp: 6199

Ion Ratio Lower Upper

119 100

134 29.6 13.6 40.8

91 28.9 11.0 33.0



#89

n-Butylbenzene

Concen: 4.064 ug/l

RT: 12.329 min Scan# 1844

Delta R.T. -0.000 min

Lab File: VX033933.D

Acq: 27 Jan 2023 13:28

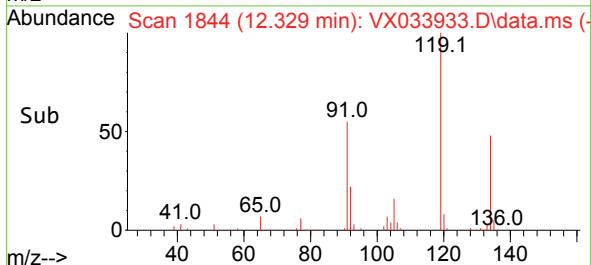
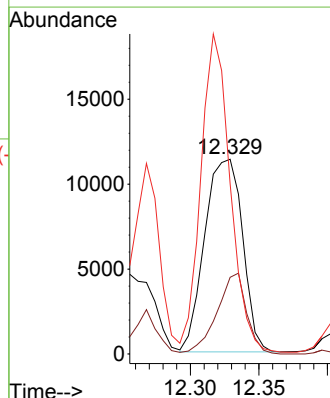
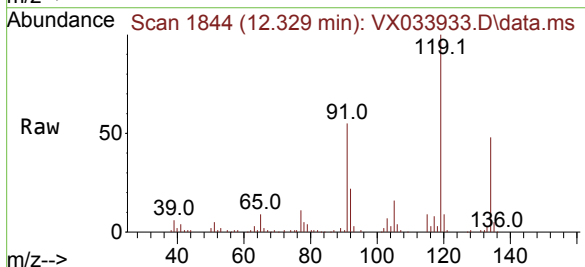
Tgt Ion: 91 Resp: 21809

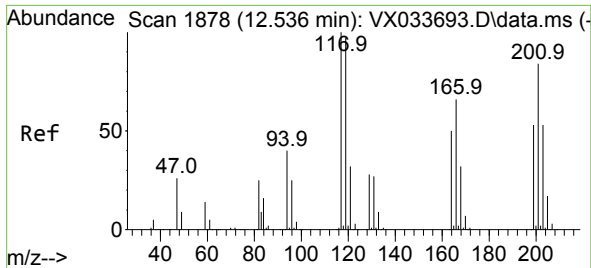
Ion Ratio Lower Upper

91 100

92 32.9 27.5 82.5

134 127.7 14.3 42.9#

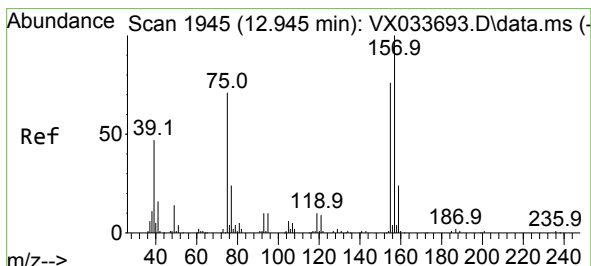
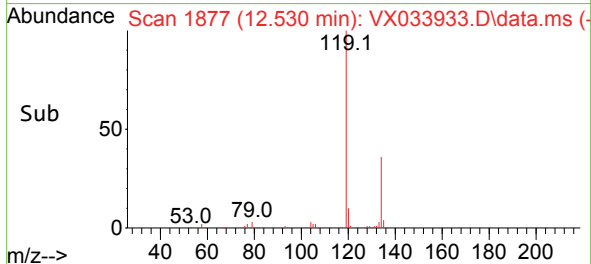
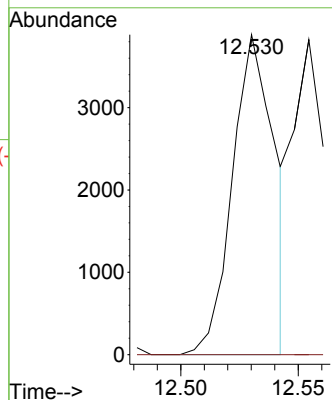
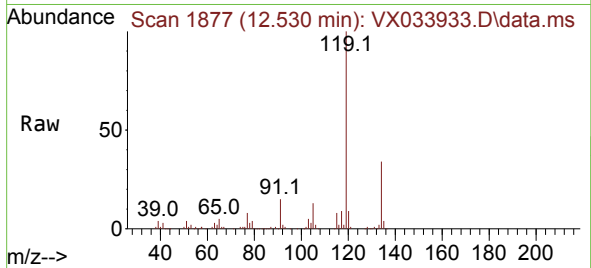




#90
Hexachloroethane
Concen: 4.506 ug/l
RT: 12.530 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

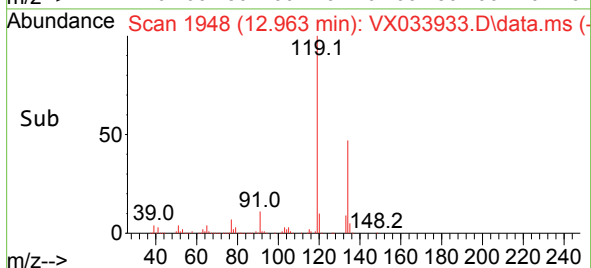
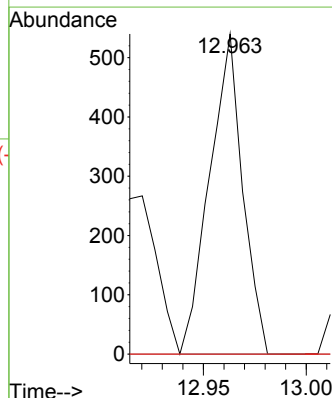
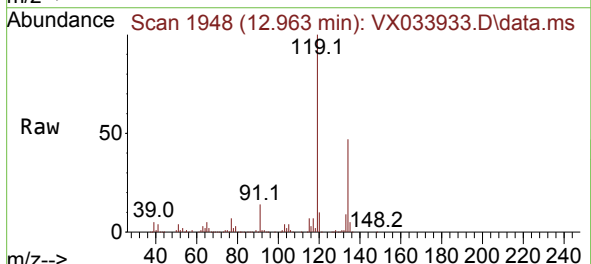
Instrument :
MSVOA_X
ClientSampleId :
33903

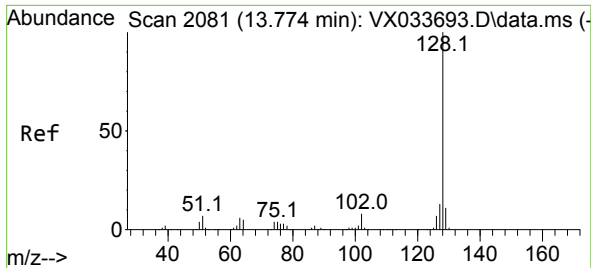
Tgt Ion:117 Resp: 4862
Ion Ratio Lower Upper
117 100
201 0.0 45.1 135.3#



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.378 ug/l
RT: 12.963 min Scan# 1948
Delta R.T. 0.018 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Tgt Ion: 75 Resp: 603
Ion Ratio Lower Upper
75 100
155 0.0 51.7 155.1#
157 0.0 67.5 202.3#





#95
Naphthalene
Concen: 34.121 ug/l
RT: 13.774 min Scan# 20
Delta R.T. -0.000 min
Lab File: VX033933.D
Acq: 27 Jan 2023 13:28

Instrument :
MSVOA_X
ClientSampleId :
33903

Tgt Ion:128 Resp: 231146
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.2 8.7 13.1

