

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035388.D
 Acq On : 28 Apr 2023 14:10
 Operator : JC/MD
 Sample : 02386-06ME
 Misc : 3.97g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-2WC-23-04

Quant Time: Apr 29 00:36:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	241030	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	398362	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	341091	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.030	152	159475	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	143721	49.425	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.840%
35) Dibromofluoromethane	5.385	113	109433	44.757	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.520%
50) Toluene-d8	8.647	98	457969	49.653	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	99.300%
62) 4-Bromofluorobenzene	11.085	95	173901	50.120	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.240%

Target Compounds				Qvalue		
5) Bromomethane	1.618	94	317	0.205	ug/l #	63
13) Acrolein	2.227	56	183	0.351	ug/l #	4
16) Acetone	2.416	43	2407	1.906	ug/l	89
18) Methyl Acetate	2.715	43	4311	0.883	ug/l	99
20) Methylene Chloride	2.782	84	1199	0.414	ug/l #	80
25) 2-Butanone	4.623	43	2072	1.124	ug/l #	72
27) cis-1,2-Dichloroethene	4.489	96	1495	0.500	ug/l	88
29) Tetrahydrofuran	5.068	42	670	0.567	ug/l #	65
31) Cyclohexane	5.489	56	3811	0.924	ug/l #	53
36) 1,1-Dichloropropene	5.550	75	18070	4.733	ug/l #	51
38) Carbon Tetrachloride	5.544	117	24163	6.667	ug/l #	16
39) Methylcyclohexane	7.373	83	27615	5.942	ug/l	93
40) Benzene	6.038	78	17989	1.643	ug/l	99
41) Methacrylonitrile	5.074	41	405	0.203	ug/l #	38
43) Isopropyl Acetate	6.367	43	1521	0.260	ug/l #	62
44) Trichloroethene	7.129	130	647	0.214	ug/l	55
48) Methyl methacrylate	7.653	41	1204	0.419	ug/l #	68
51) 4-Methyl-2-Pentanone	8.598	43	9766	2.713	ug/l #	37
52) Toluene	8.720	92	10507	1.514	ug/l	99
55) 1,1,2-Trichloroethane	9.098	97	22040	7.964	ug/l #	19
56) Ethyl methacrylate	9.104	69	5075	1.231	ug/l #	16
59) 2-Hexanone	9.384	43	40014	14.797	ug/l #	31
65) Chlorobenzene	10.079	112	44517	6.032	ug/l	95
67) Ethyl Benzene	10.195	91	101804	7.966	ug/l	99
68) m/p-Xylenes	10.299	106	60227	12.299	ug/l	98
69) o-Xylene	10.640	106	21421	4.461	ug/l	99
70) Styrene	10.646	104	2225	0.286	ug/l #	1
73) Isopropylbenzene	10.963	105	23214	1.991	ug/l	97
74) N-amyl acetate	10.854	43	81036	18.497	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	11.220	83	49255	13.613	ug/l #	25
76) 1,2,3-Trichloropropane	11.085	75	81058	25.481	ug/l #	35
78) n-propylbenzene	11.305	91	47172	3.523	ug/l	99
79) 2-Chlorotoluene	11.378	91	14938	1.786	ug/l	74
80) 1,3,5-Trimethylbenzene	11.457	105	9005	0.916	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.085	75	81058	82.527	ug/l #	14
82) 4-Chlorotoluene	11.457	91	7408	0.788	ug/l	92

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 ALS Vial : 11 Sample Multiplier: 1

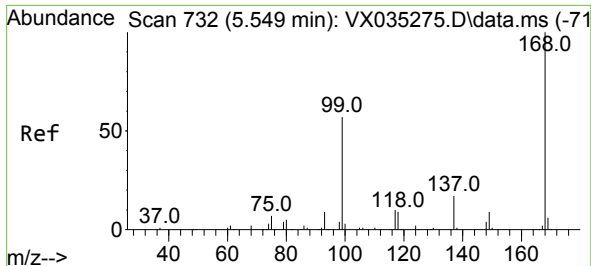
Instrument :
 MSVOA_X
 ClientSampleId :
 SPA-2WC-23-04

Quant Time: Apr 29 00:36:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
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 Response via : Initial Calibration

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

83) tert-Butylbenzene	11.719	119	27956	2.835	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	145345	14.716	ug/l	99
85) sec-Butylbenzene	11.890	105	37832	3.127	ug/l #	18
86) p-Isopropyltoluene	12.012	119	12713	1.236	ug/l	89
87) 1,3-Dichlorobenzene	11.975	146	101760	18.478	ug/l	91
88) 1,4-Dichlorobenzene	12.049	146	203203	35.193	ug/l	96
89) n-Butylbenzene	12.335	91	52313	6.023	ug/l #	73
90) Hexachloroethane	12.536	117	7908	5.021	ug/l #	15
91) 1,2-Dichlorobenzene	12.341	146	119417	21.681	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	12.920	75	1263	1.741	ug/l #	5
93) 1,2,4-Trichlorobenzene	13.591	180	75123	21.699	ug/l	94
94) Hexachlorobutadiene	13.725	225	3008	1.980	ug/l	99
95) Naphthalene	13.780	128	40790	3.827	ug/l #	90
96) 1,2,3-Trichlorobenzene	13.963	180	16257	4.665	ug/l #	80

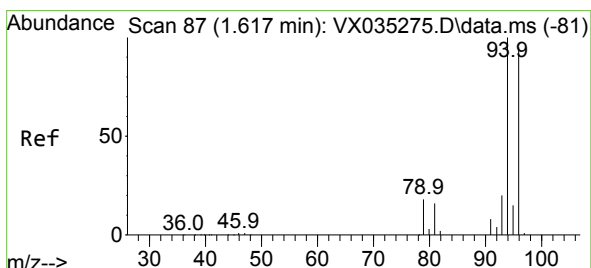
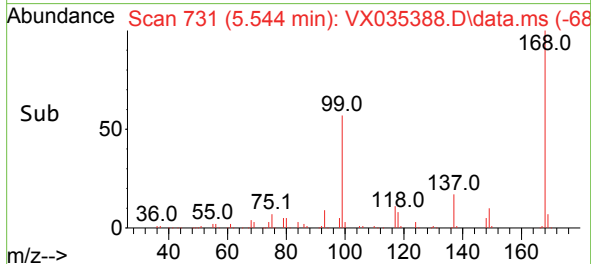
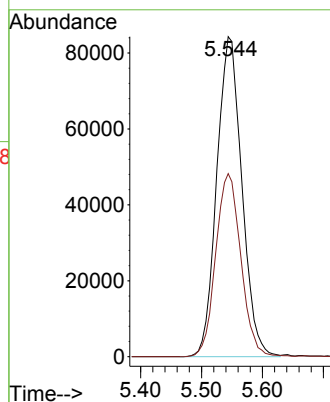
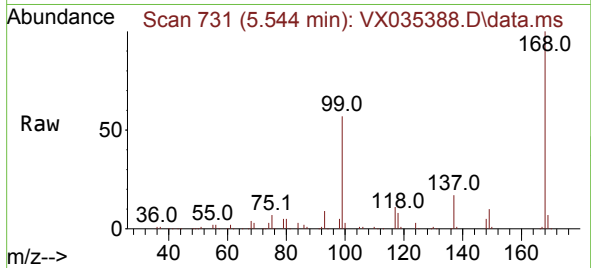
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.005 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

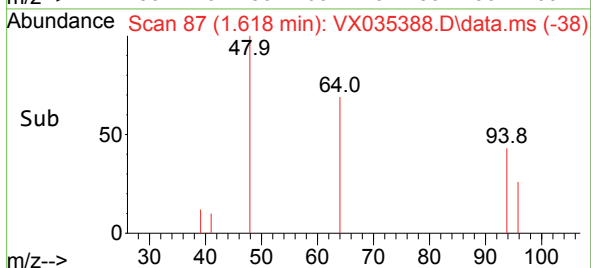
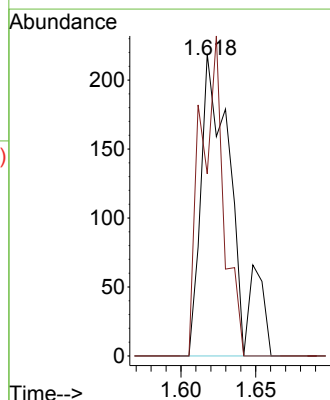
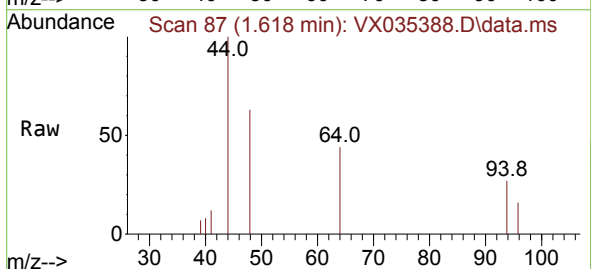
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

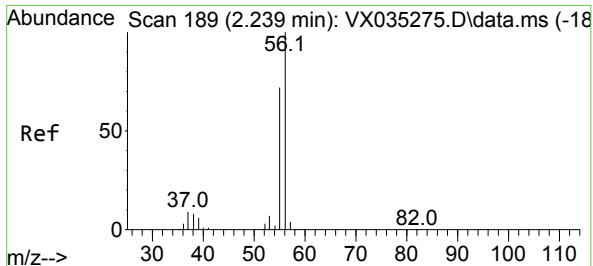
Tgt Ion:168 Resp: 241030
Ion Ratio Lower Upper
168 100
99 57.2 45.7 68.5



#5
Bromomethane
Concen: 0.205 ug/l
RT: 1.618 min Scan# 87
Delta R.T. 0.001 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 94 Resp: 317
Ion Ratio Lower Upper
94 100
96 60.3 77.0 115.6#

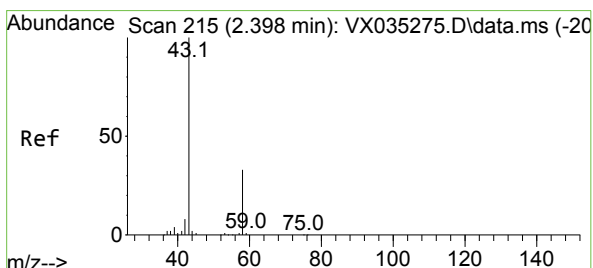
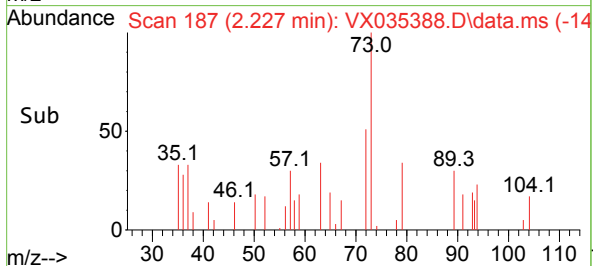
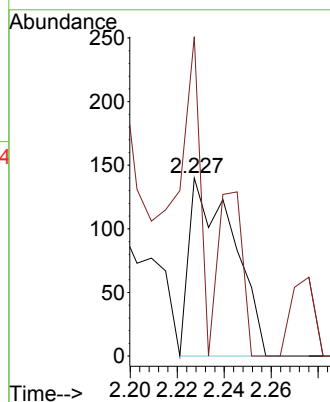
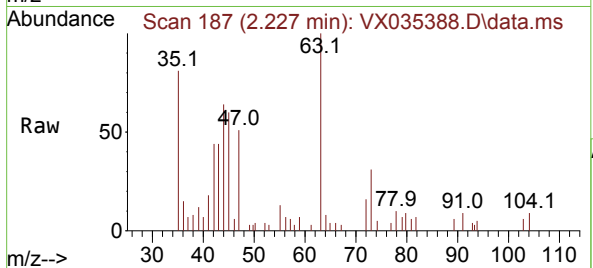




#13
Acrolein
Concen: 0.351 ug/l
RT: 2.227 min Scan# 11
Delta R.T. -0.012 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

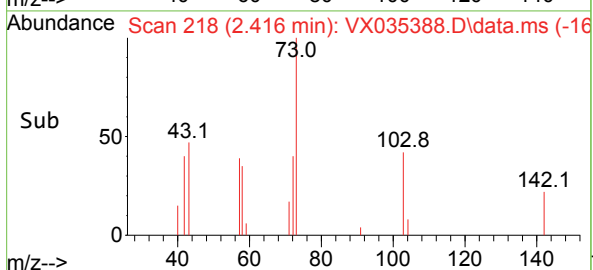
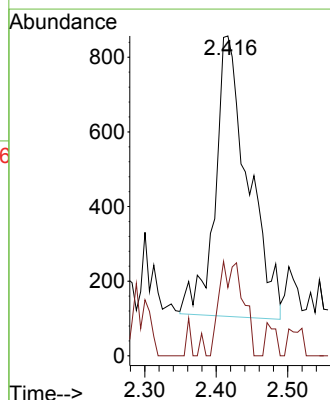
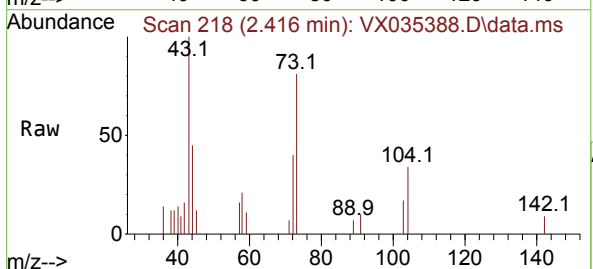
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

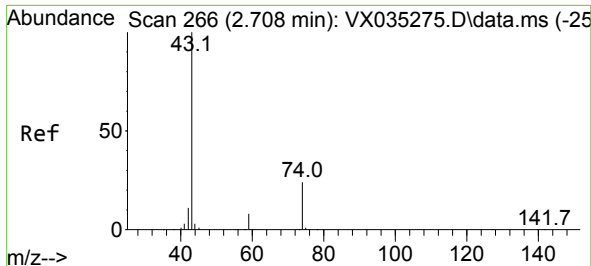
Tgt Ion: 56 Resp: 183
Ion Ratio Lower Upper
56 100
55 150.3 56.6 85.0#



#16
Acetone
Concen: 1.906 ug/l
RT: 2.416 min Scan# 218
Delta R.T. 0.018 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 43 Resp: 2407
Ion Ratio Lower Upper
43 100
58 24.8 24.7 37.1

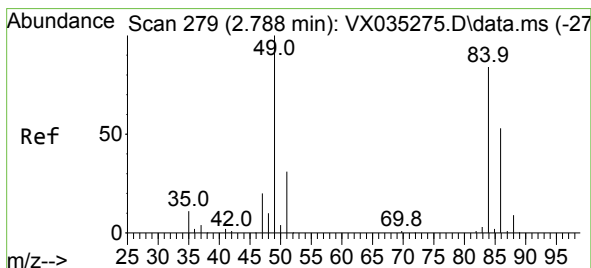
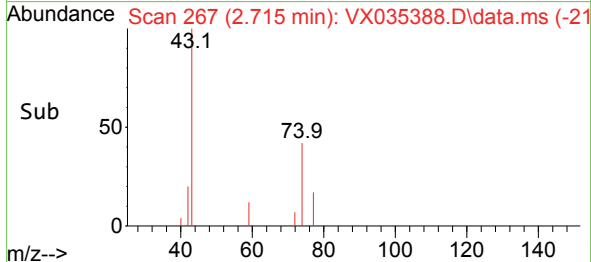
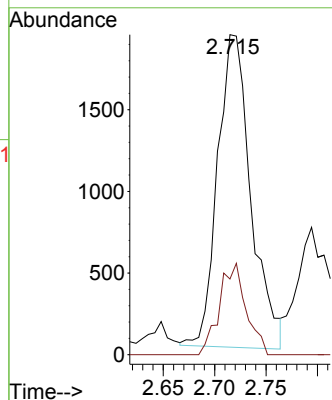
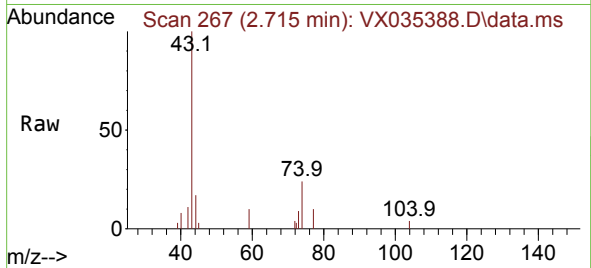




#18
Methyl Acetate
Concen: 0.883 ug/l
RT: 2.715 min Scan# 20
Delta R.T. 0.007 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

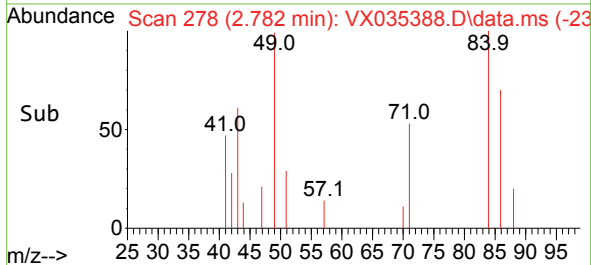
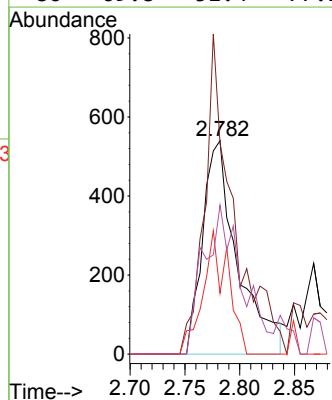
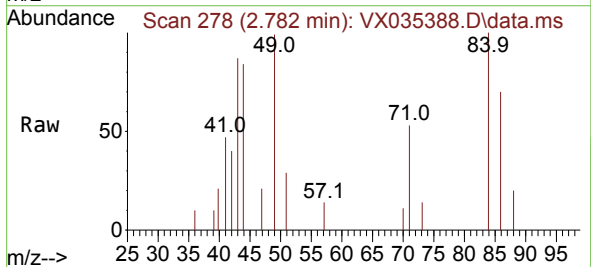
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

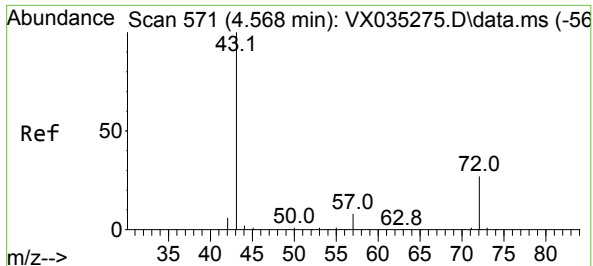
Tgt Ion: 43 Resp: 4311
Ion Ratio Lower Upper
43 100
74 23.5 18.3 27.5



#20
Methylene Chloride
Concen: 0.414 ug/l
RT: 2.782 min Scan# 278
Delta R.T. -0.006 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 84 Resp: 1199
Ion Ratio Lower Upper
84 100
49 98.7 103.8 155.8#
51 28.5 31.8 47.8#
86 69.8 51.4 77.2

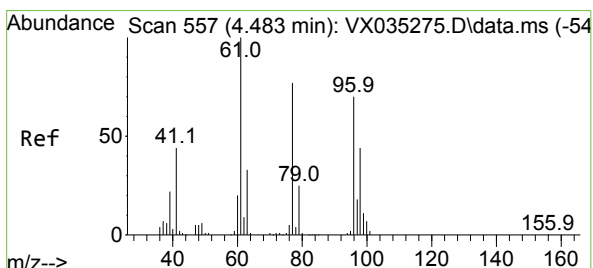
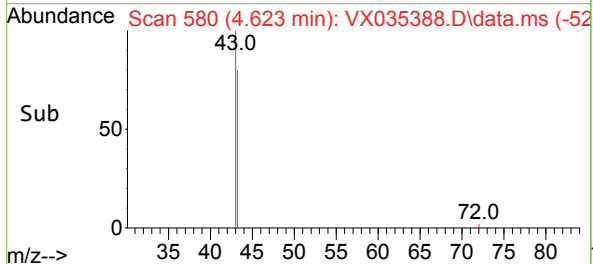
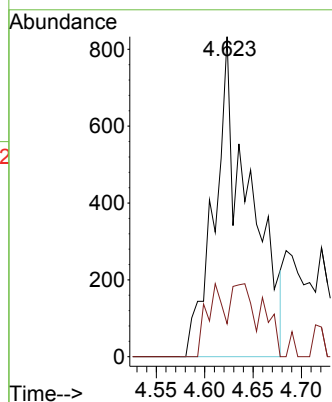
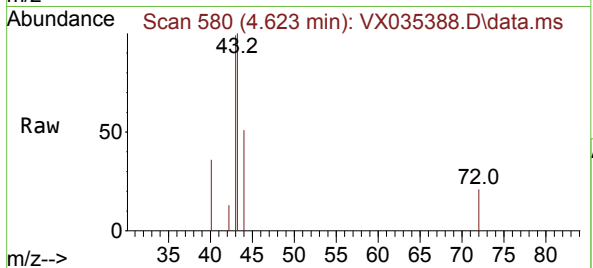




#25
2-Butanone
Concen: 1.124 ug/l
RT: 4.623 min Scan# 51
Delta R.T. 0.055 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

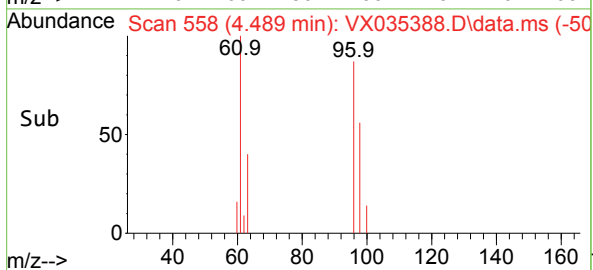
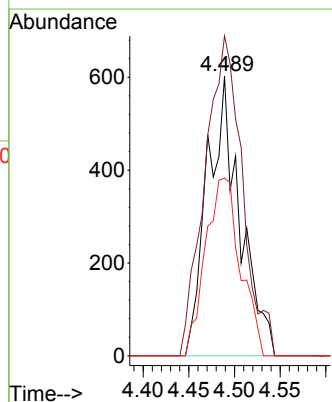
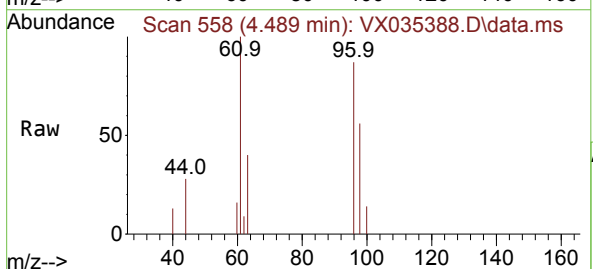
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

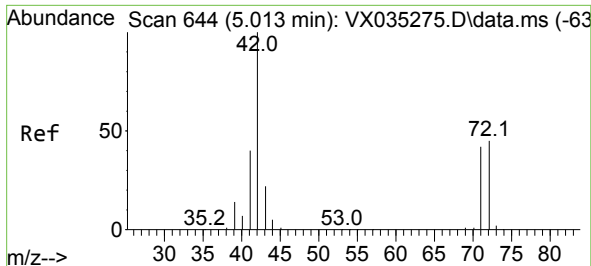
Tgt Ion: 43 Resp: 2072
Ion Ratio Lower Upper
43 100
72 10.3 19.3 28.9#



#27
cis-1,2-Dichloroethene
Concen: 0.500 ug/l
RT: 4.489 min Scan# 558
Delta R.T. 0.006 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 96 Resp: 1495
Ion Ratio Lower Upper
96 100
61 130.8 0.0 300.4
98 68.1 0.0 129.0





#29

Tetrahydrofuran

Concen: 0.567 ug/l

RT: 5.068 min Scan# 61

Delta R.T. 0.055 min

Lab File: VX035388.D

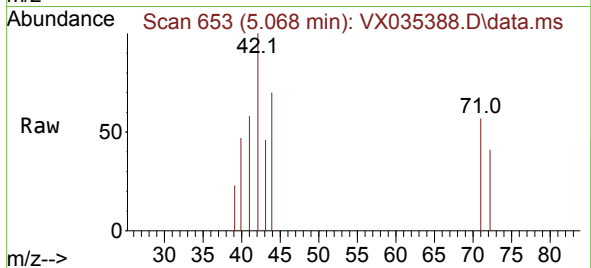
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Instrument :

MSVOA_X

ClientSampleId :

SPA-2WC-23-04



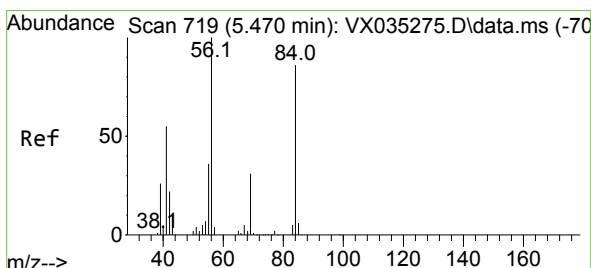
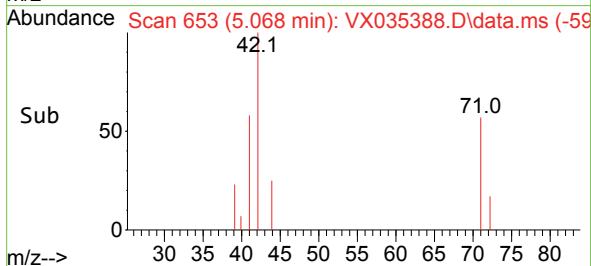
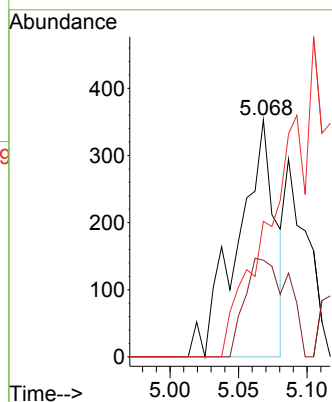
Tgt Ion: 42 Resp: 670

Ion Ratio Lower Upper

42 100

72 48.1 34.5 51.7

71 0.0 32.1 48.1#



#31

Cyclohexane

Concen: 0.924 ug/l

RT: 5.489 min Scan# 722

Delta R.T. 0.019 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

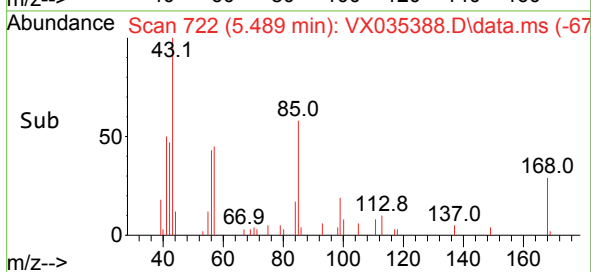
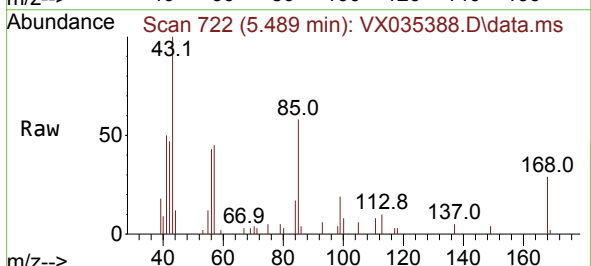
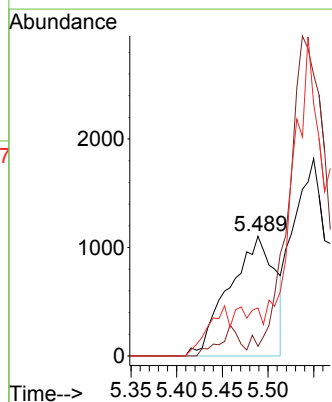
Tgt Ion: 56 Resp: 3811

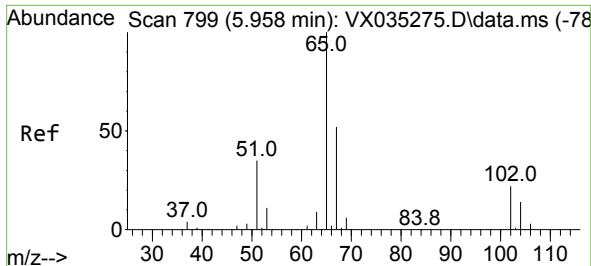
Ion Ratio Lower Upper

56 100

69 8.0 23.7 35.5#

84 40.1 68.5 102.7#

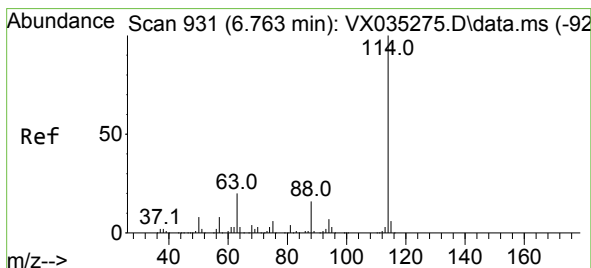
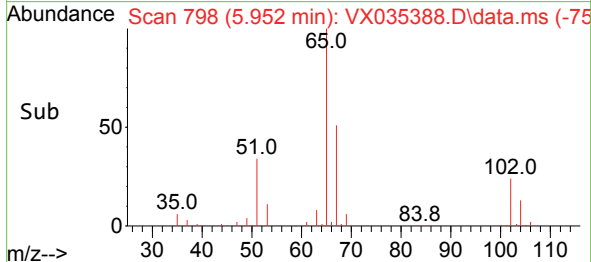
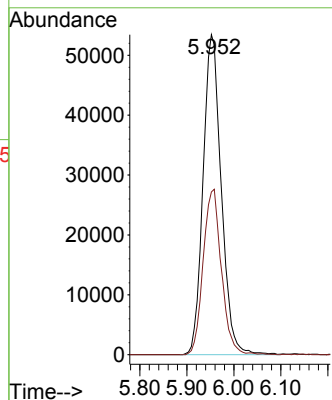
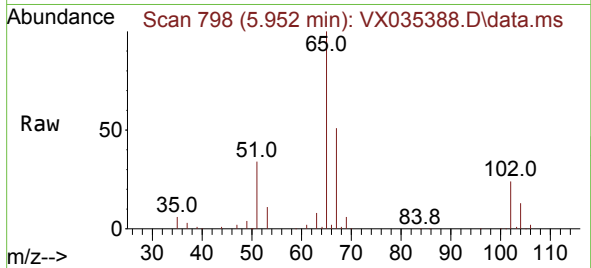




#33
1,2-Dichloroethane-d4
Concen: 49.425 ug/l
RT: 5.952 min Scan# 799
Delta R.T. -0.006 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

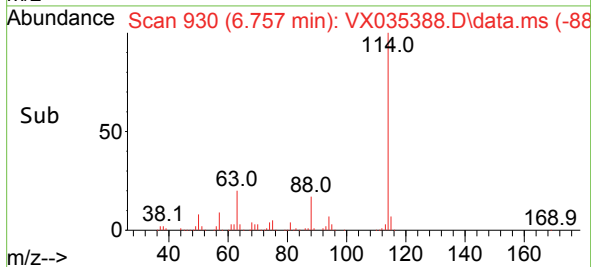
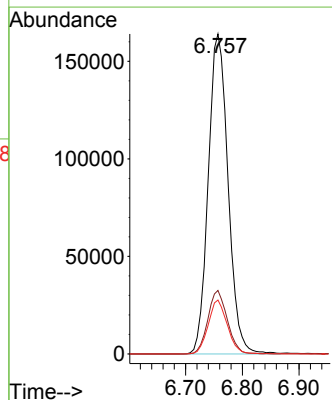
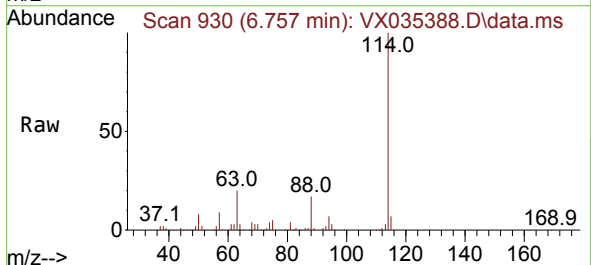
Instrument :
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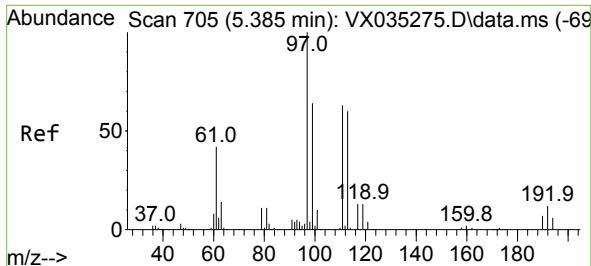
Tgt Ion: 65 Resp: 143721
Ion Ratio Lower Upper
65 100
67 51.8 0.0 104.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 930
Delta R.T. -0.006 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 114 Resp: 398362
Ion Ratio Lower Upper
114 100
63 19.8 0.0 42.2
88 16.8 0.0 33.2

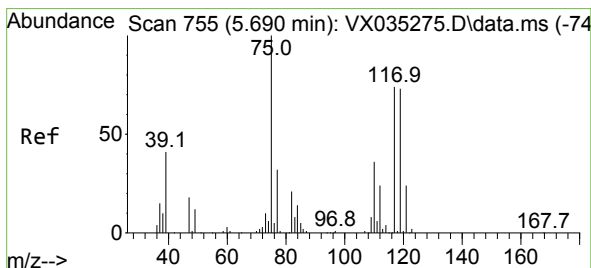
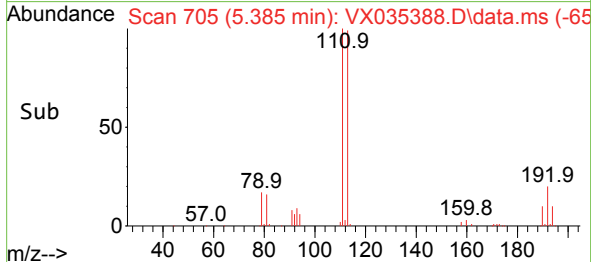
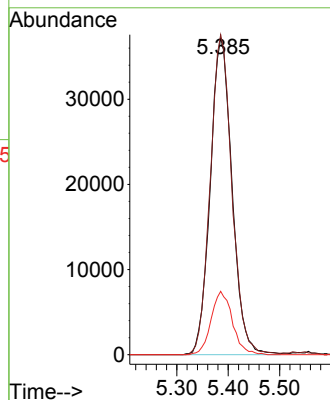
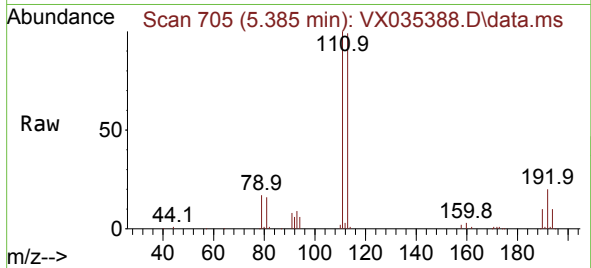




#35
Dibromofluoromethane
Concen: 44.757 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

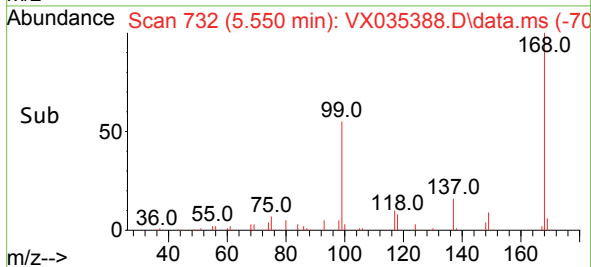
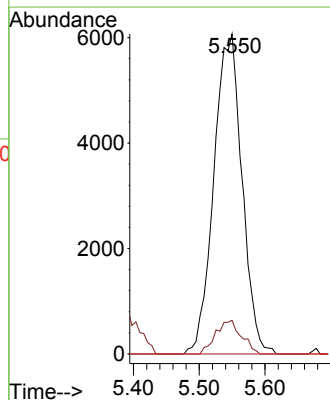
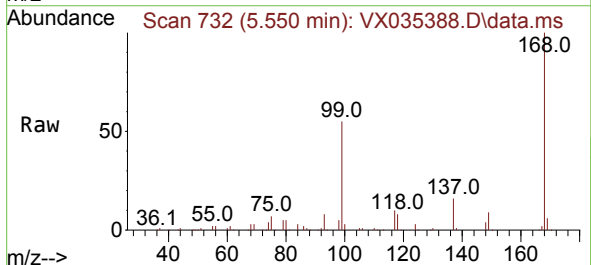
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

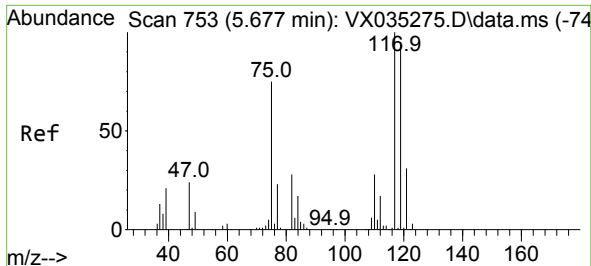
Tgt Ion:113 Resp: 109433
Ion Ratio Lower Upper
113 100
111 100.5 83.7 125.5
192 19.6 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.733 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.140 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 75 Resp: 18070
Ion Ratio Lower Upper
75 100
110 9.6 17.5 52.5#
77 0.0 24.3 36.5#





#38

Carbon Tetrachloride

Concen: 6.667 ug/l

RT: 5.544 min Scan# 71

Delta R.T. -0.133 min

Lab File: VX035388.D

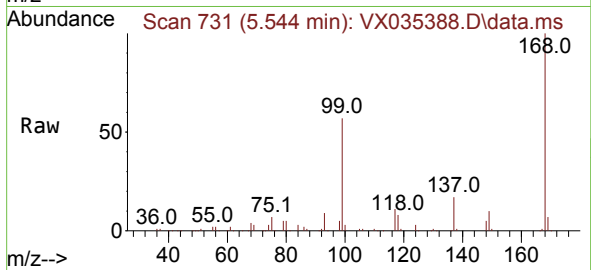
Acq: 28 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

SPA-2WC-23-04



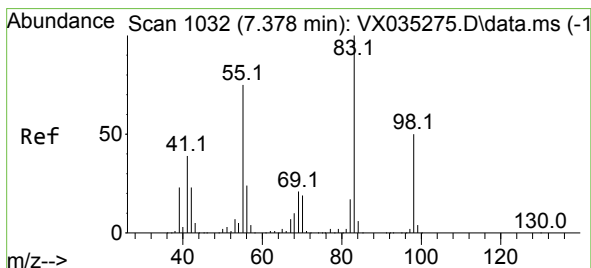
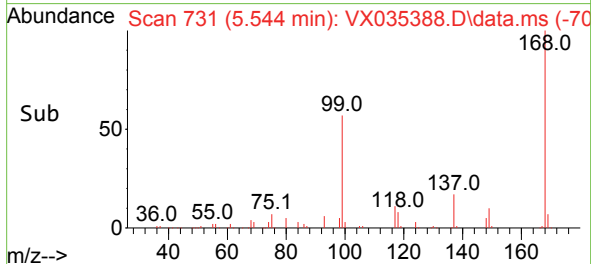
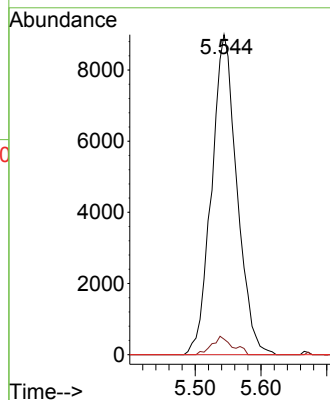
Tgt Ion:117 Resp: 24163

Ion Ratio Lower Upper

117 100

119 4.9 76.6 114.8#

121 0.0 23.8 35.6#



#39

Methylcyclohexane

Concen: 5.942 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.005 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

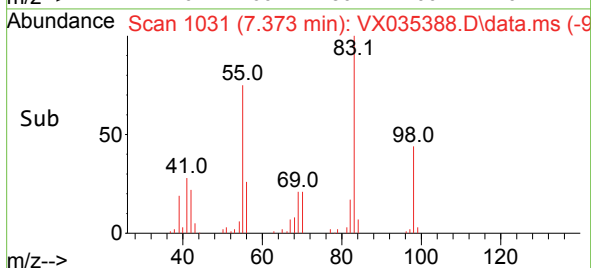
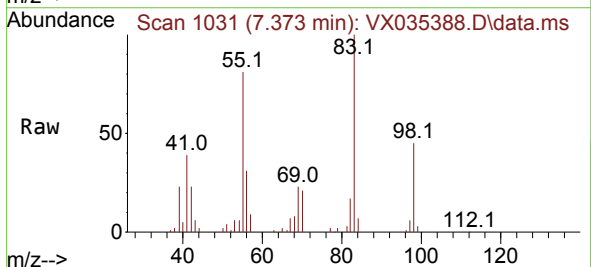
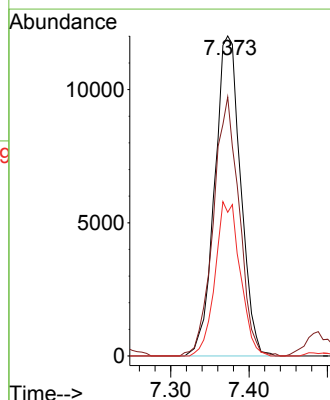
Tgt Ion: 83 Resp: 27615

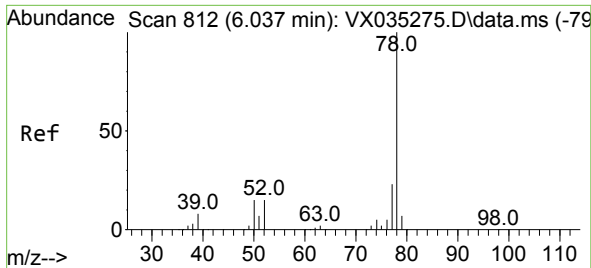
Ion Ratio Lower Upper

83 100

55 80.9 60.5 90.7

98 44.9 40.4 60.6





#40

Benzene

Concen: 1.643 ug/l

RT: 6.038 min Scan# 812

Delta R.T. 0.001 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

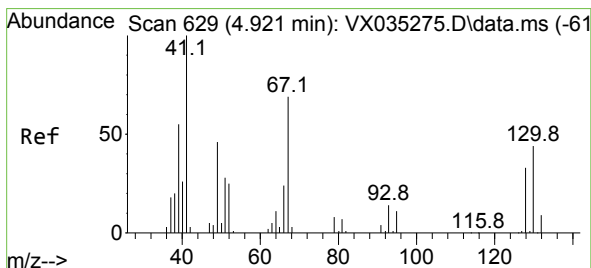
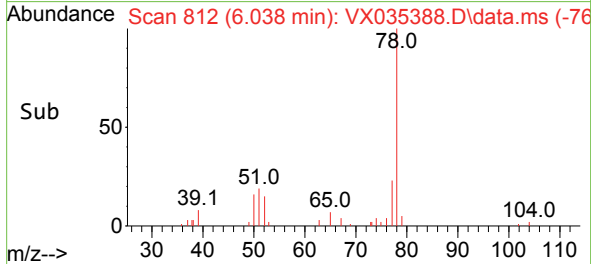
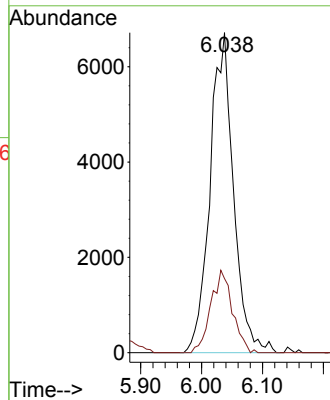
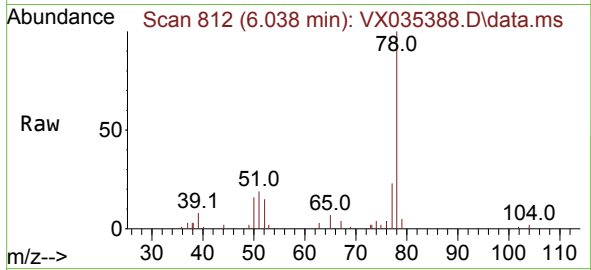
SPA-2WC-23-04

Tgt Ion: 78 Resp: 17989

Ion Ratio Lower Upper

78 100

77 23.2 19.0 28.4



#41

Methacrylonitrile

Concen: 0.203 ug/l

RT: 5.074 min Scan# 654

Delta R.T. 0.153 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

Tgt Ion: 41 Resp: 405

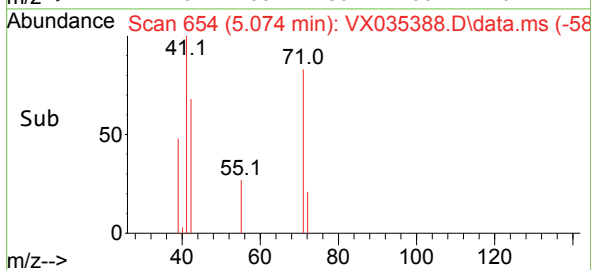
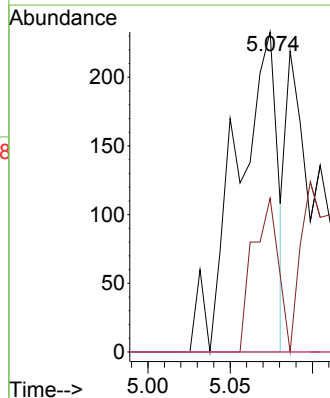
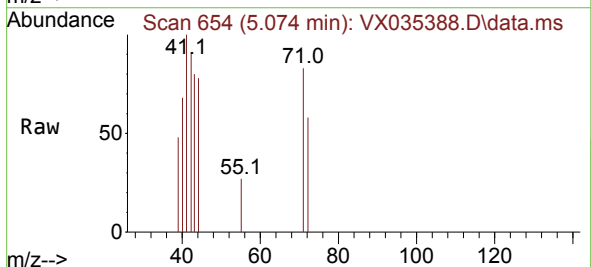
Ion Ratio Lower Upper

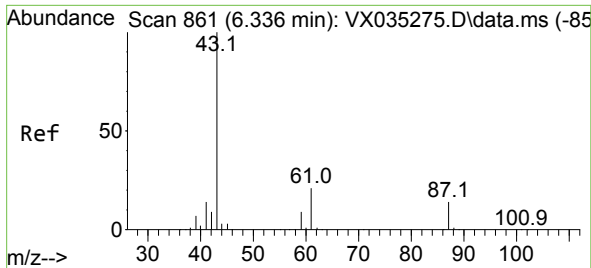
41 100

39 29.6 45.0 67.6#

67 0.0 55.6 83.4#

52 0.0 23.2 34.8#

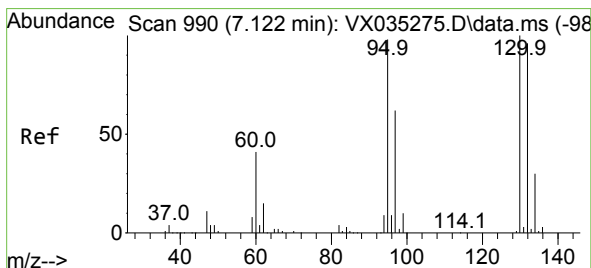
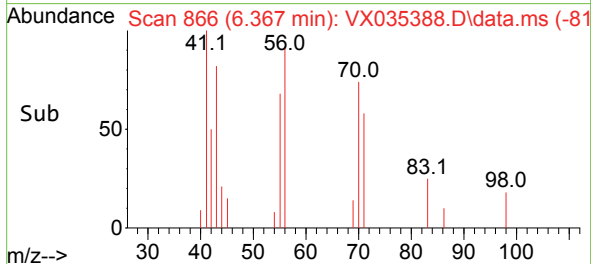
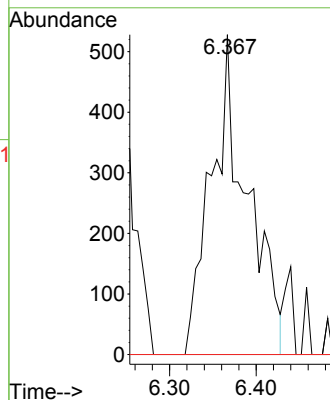
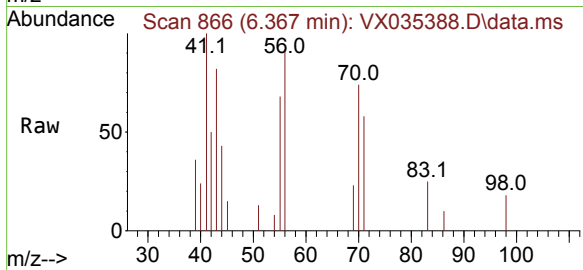




#43
Isopropyl Acetate
Concen: 0.260 ug/l
RT: 6.367 min Scan# 866
Delta R.T. 0.031 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

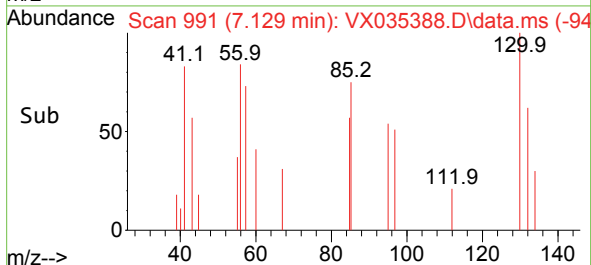
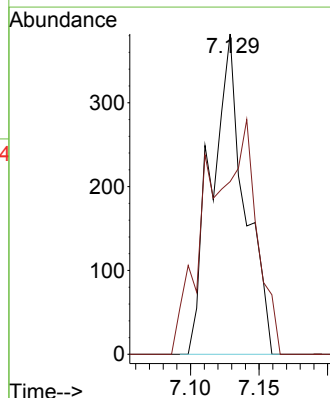
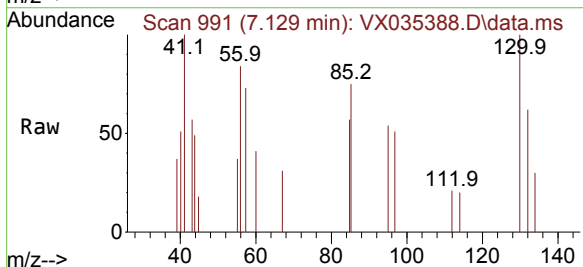
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

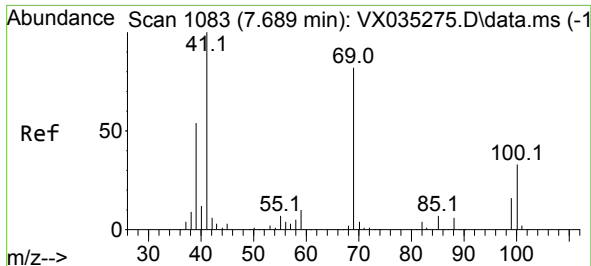
Tgt Ion: 43 Resp: 1521
Ion Ratio Lower Upper
43 100
61 0.0 15.2 22.8#
87 0.0 9.8 14.8#



#44
Trichloroethene
Concen: 0.214 ug/l
RT: 7.129 min Scan# 991
Delta R.T. 0.007 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 130 Resp: 647
Ion Ratio Lower Upper
130 100
95 53.9 0.0 198.4





#48

Methyl methacrylate

Concen: 0.419 ug/l

RT: 7.653 min Scan# 1083

Delta R.T. -0.036 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

SPA-2WC-23-04

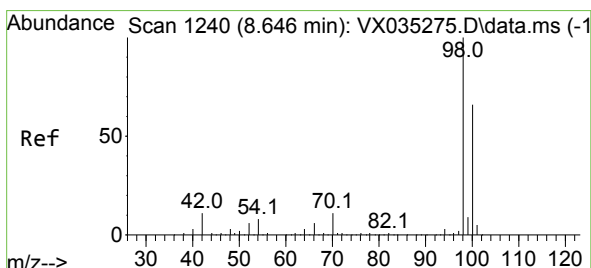
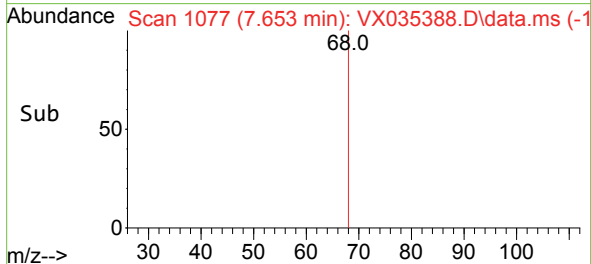
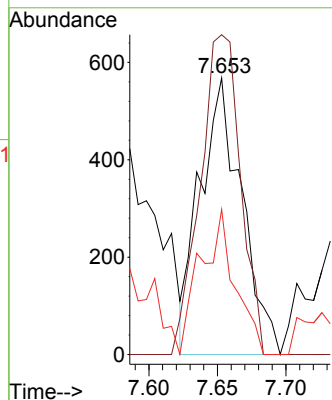
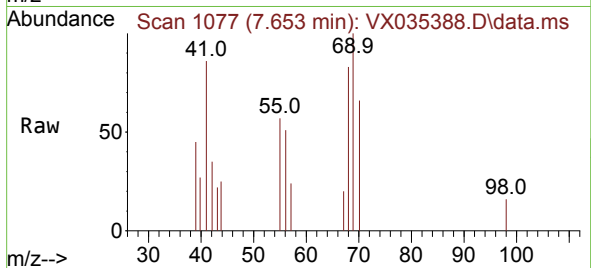
Tgt Ion: 41 Resp: 1204

Ion Ratio Lower Upper

41 100

69 111.9 62.2 93.4#

39 43.3 47.7 71.5#



#50

Toluene-d8

Concen: 49.653 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.001 min

Lab File: VX035388.D

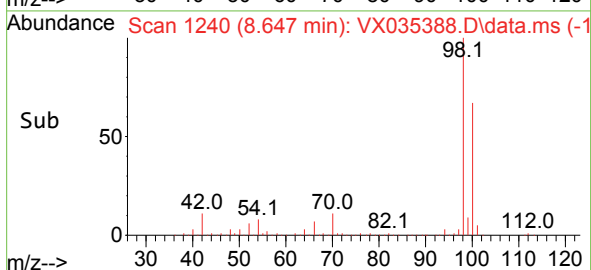
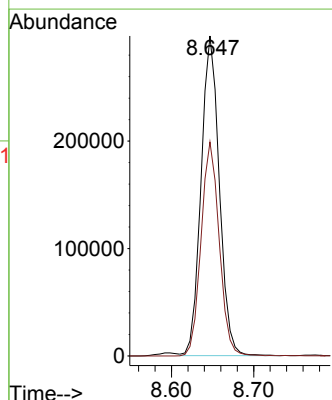
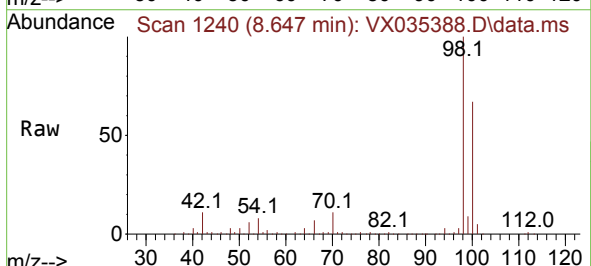
Acq: 28 Apr 2023 14:10

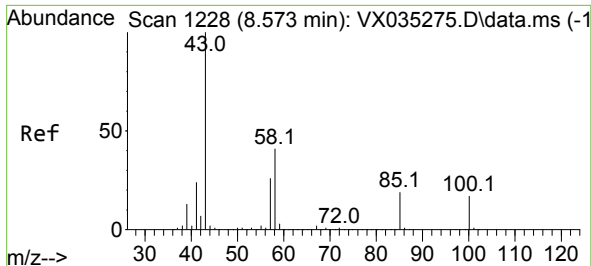
Tgt Ion: 98 Resp: 457969

Ion Ratio Lower Upper

98 100

100 66.8 52.5 78.7

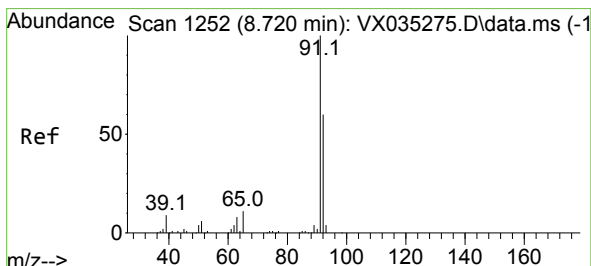
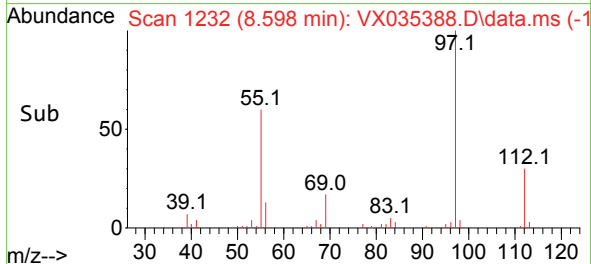
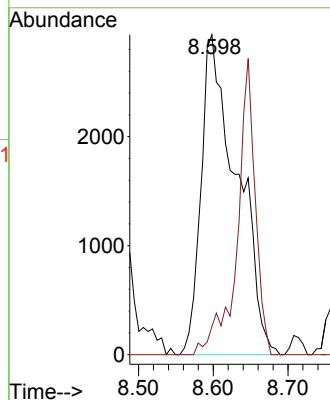
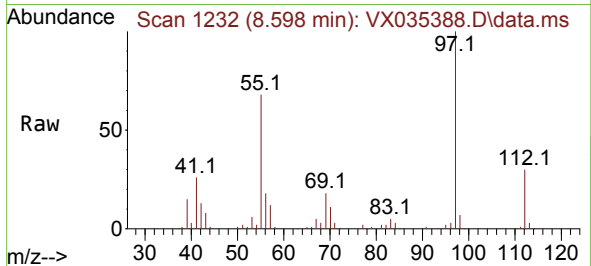




#51
4-Methyl-2-Pentanone
Concen: 2.713 ug/l
RT: 8.598 min Scan# 11
Delta R.T. 0.025 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

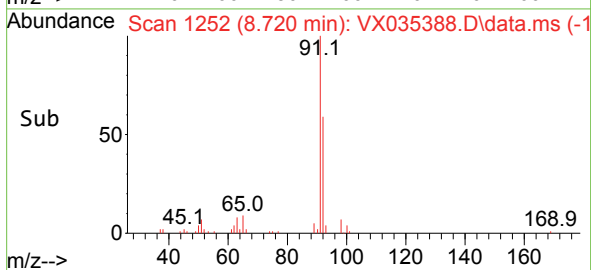
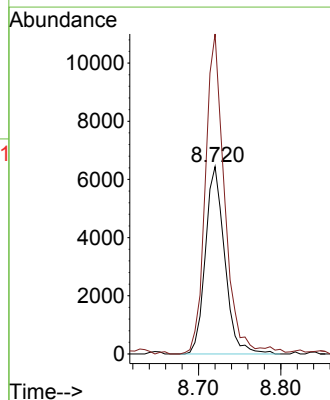
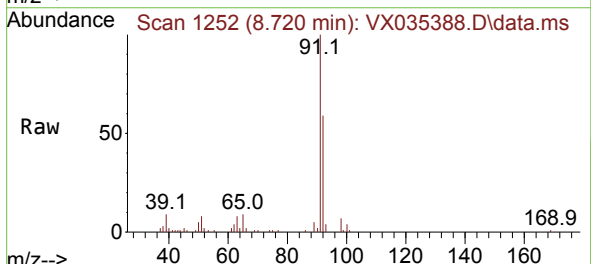
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

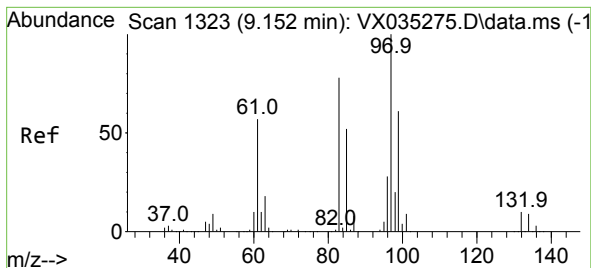
Tgt Ion: 43 Resp: 9766
Ion Ratio Lower Upper
43 100
58 0.0 30.6 46.0#



#52
Toluene
Concen: 1.514 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 92 Resp: 10507
Ion Ratio Lower Upper
92 100
91 169.4 136.8 205.2





#55

1,1,2-Trichloroethane

Concen: 7.964 ug/l

RT: 9.098 min Scan# 1314

Delta R.T. -0.054 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

SPA-2WC-23-04

Tgt Ion: 97 Resp: 22040

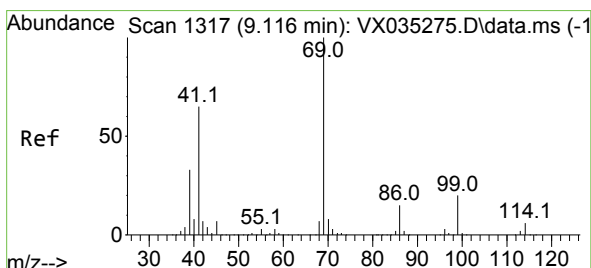
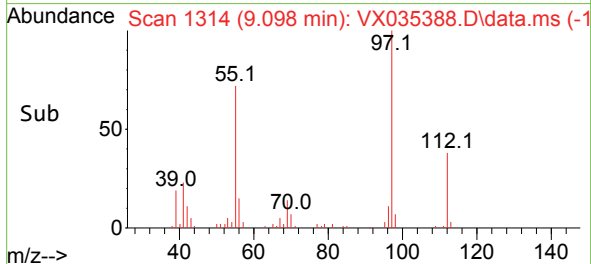
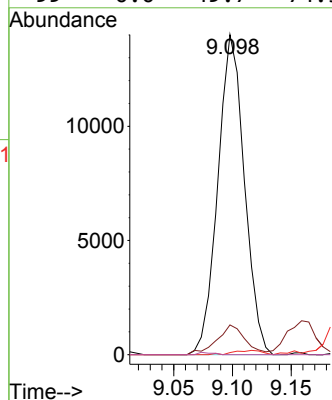
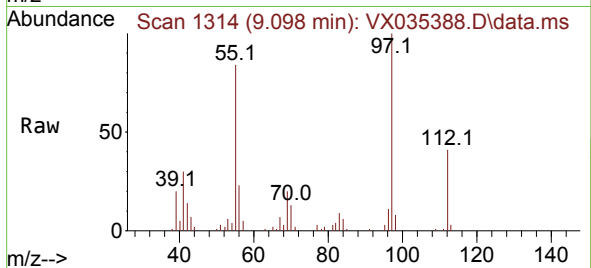
Ion Ratio Lower Upper

97 100

83 9.3 69.7 104.5#

85 0.6 43.7 65.5#

99 0.0 49.7 74.5#



#56

Ethyl methacrylate

Concen: 1.231 ug/l

RT: 9.104 min Scan# 1315

Delta R.T. -0.012 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

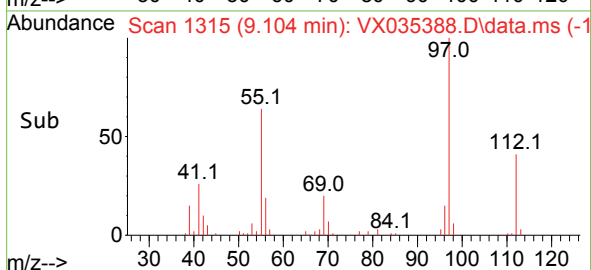
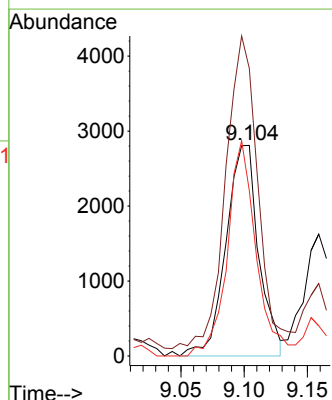
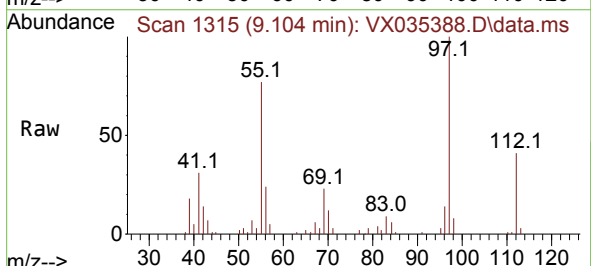
Tgt Ion: 69 Resp: 5075

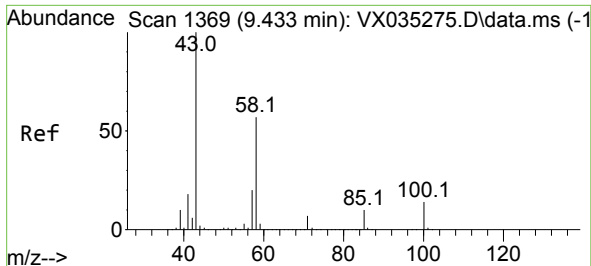
Ion Ratio Lower Upper

69 100

41 145.7 57.4 86.0#

39 89.2 33.7 50.5#

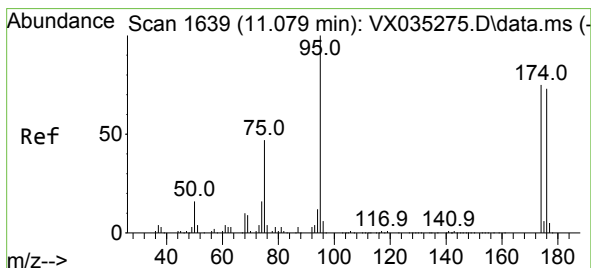
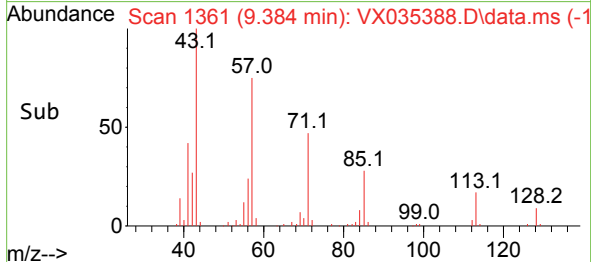
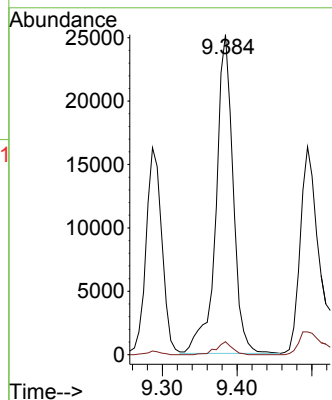
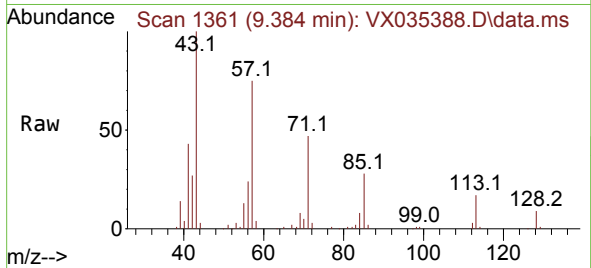




#59
2-Hexanone
Concen: 14.797 ug/l
RT: 9.384 min Scan# 11
Delta R.T. -0.049 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

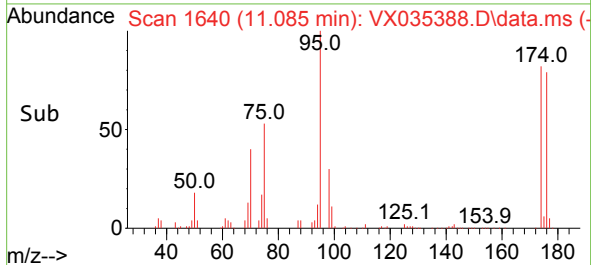
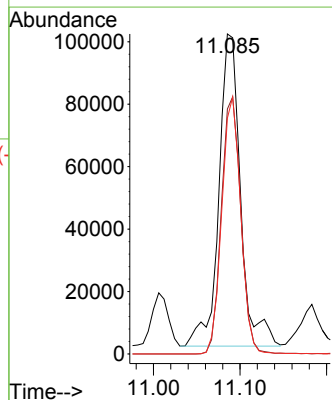
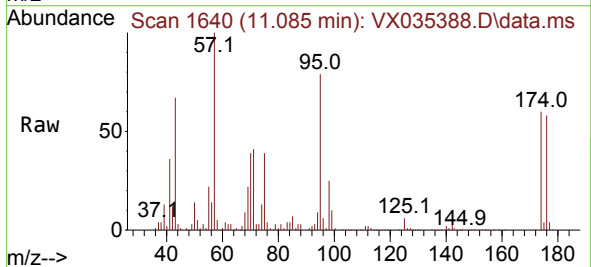
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

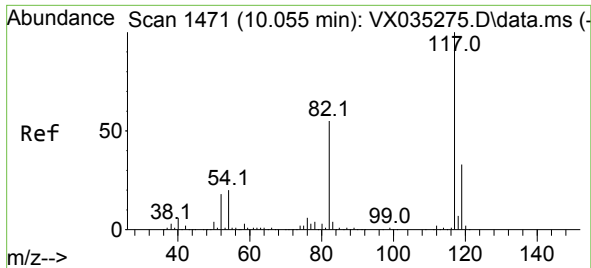
Tgt Ion: 43 Resp: 40014
Ion Ratio Lower Upper
43 100
58 3.8 26.3 78.9#



#62
4-Bromofluorobenzene
Concen: 50.120 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 95 Resp: 173901
Ion Ratio Lower Upper
95 100
174 73.8 0.0 147.4
176 72.2 0.0 140.6

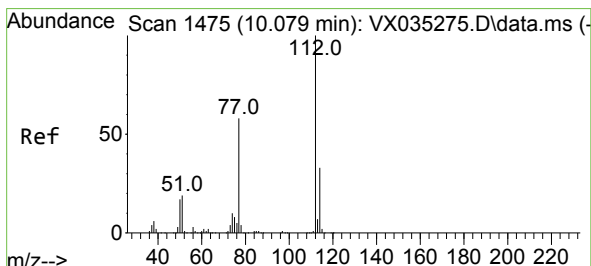
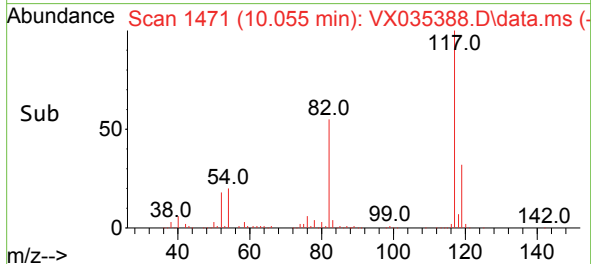
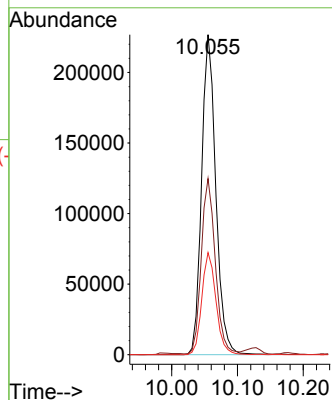
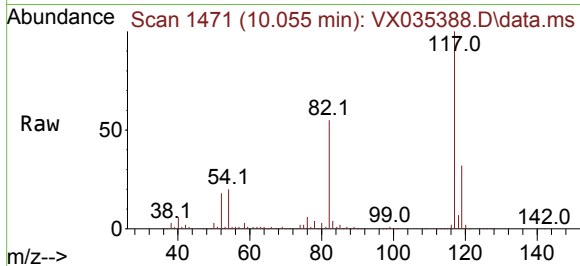




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

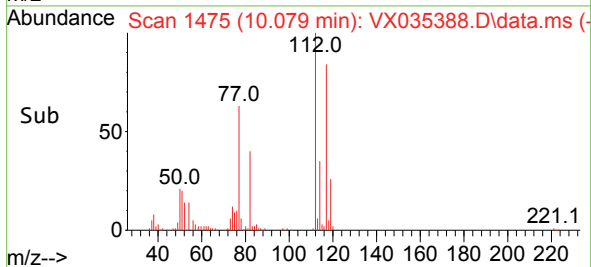
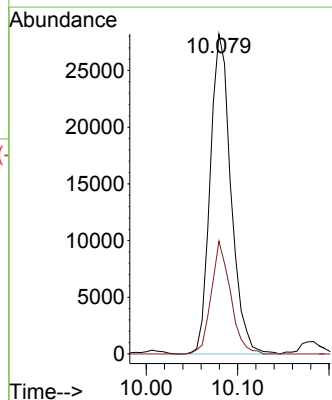
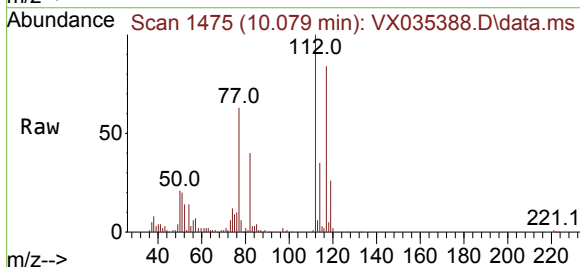
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

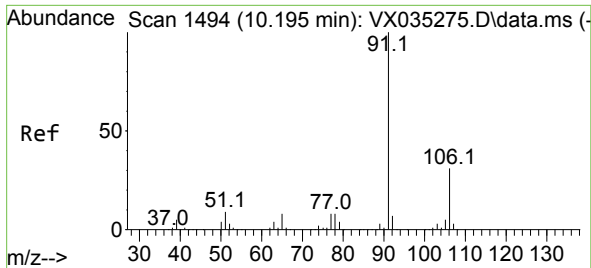
Tgt Ion:117 Resp: 341091
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 31.9 26.0 39.0



#65
Chlorobenzene
Concen: 6.032 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion:112 Resp: 44517
Ion Ratio Lower Upper
112 100
114 35.3 26.2 39.2

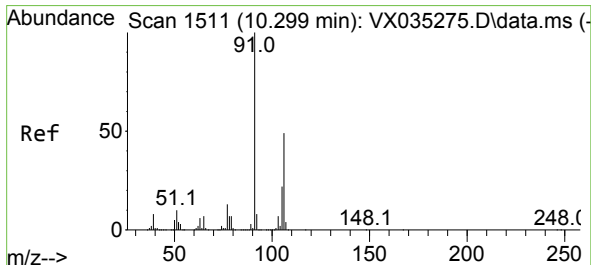
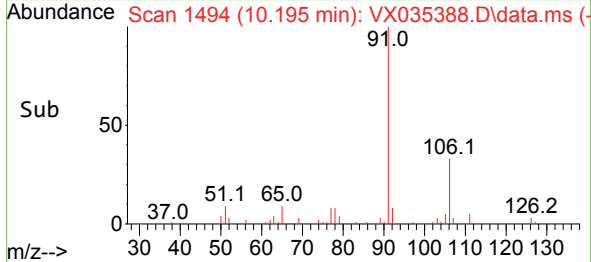
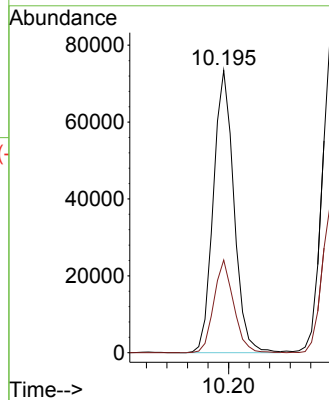
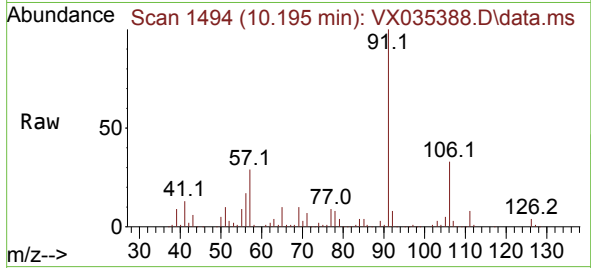




#67
Ethyl Benzene
Concen: 7.966 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

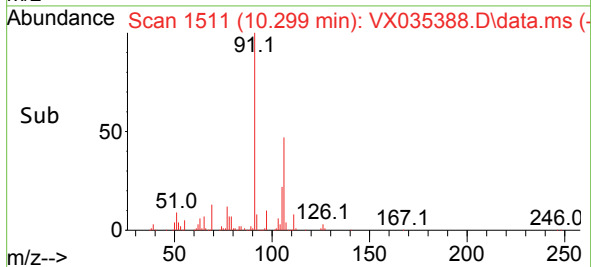
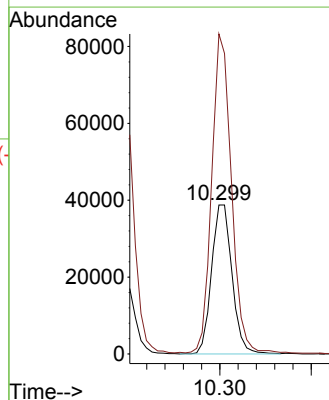
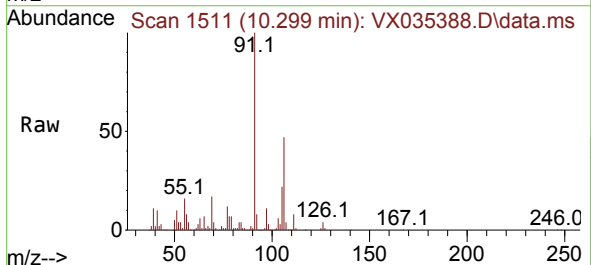
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

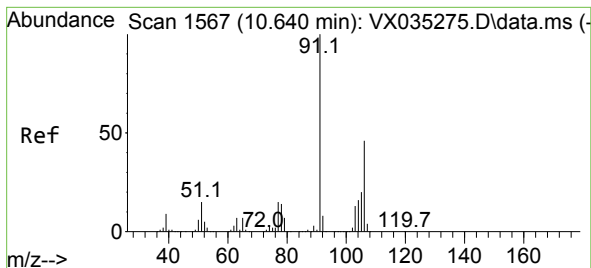
Tgt Ion: 91 Resp: 101804
Ion Ratio Lower Upper
91 100
106 32.8 25.6 38.4



#68
m/p-Xylenes
Concen: 12.299 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. -0.000 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 106 Resp: 60227
Ion Ratio Lower Upper
106 100
91 207.8 164.0 246.0





#69

o-Xylene

Concen: 4.461 ug/l

RT: 10.640 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

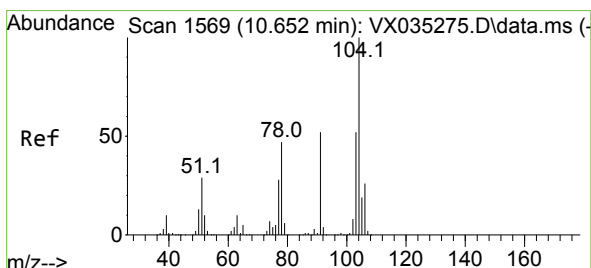
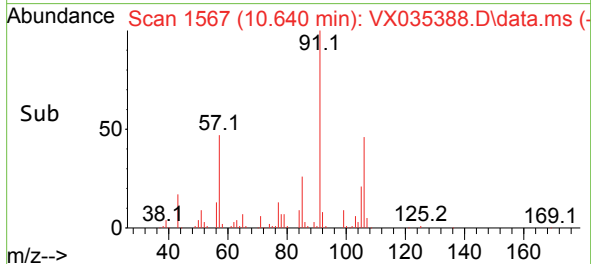
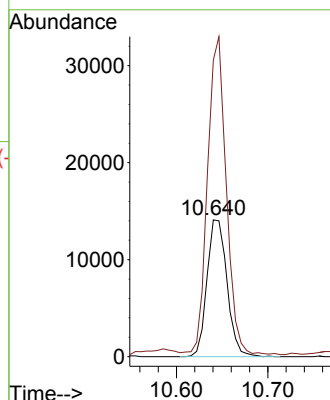
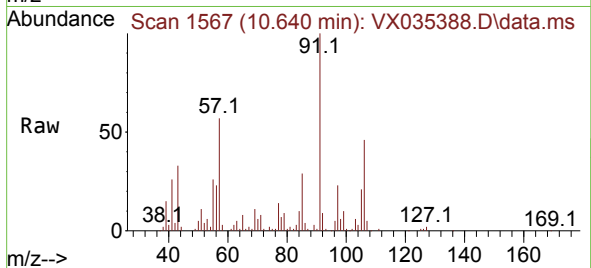
SPA-2WC-23-04

Tgt Ion:106 Resp: 21421

Ion Ratio Lower Upper

106 100

91 218.9 108.5 325.3



#70

Styrene

Concen: 0.286 ug/l

RT: 10.646 min Scan# 1568

Delta R.T. -0.006 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

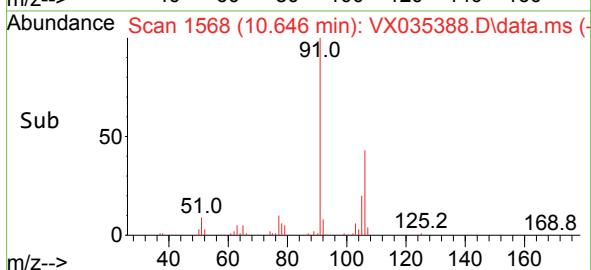
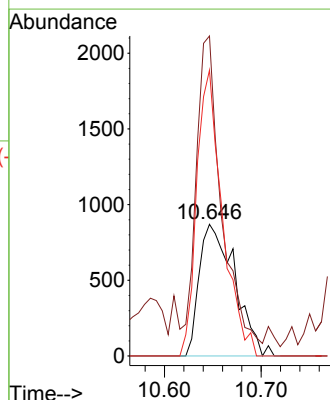
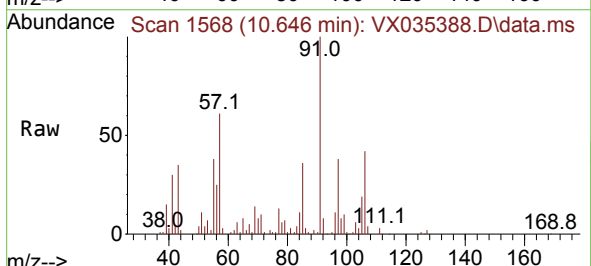
Tgt Ion:104 Resp: 2225

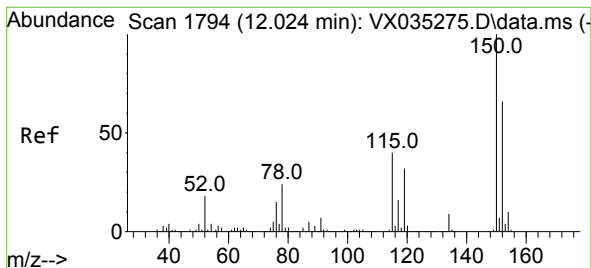
Ion Ratio Lower Upper

104 100

78 165.3 43.4 65.2#

103 156.6 44.2 66.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.030 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

SPA-2WC-23-04

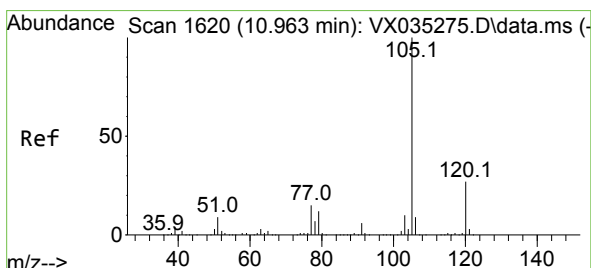
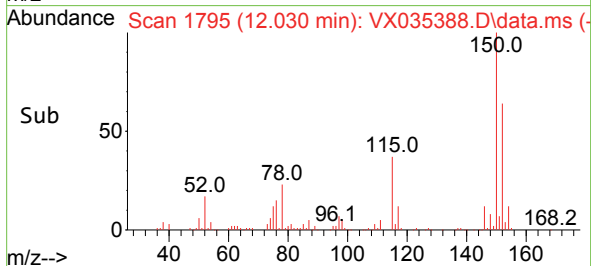
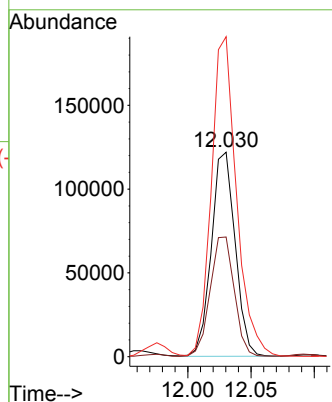
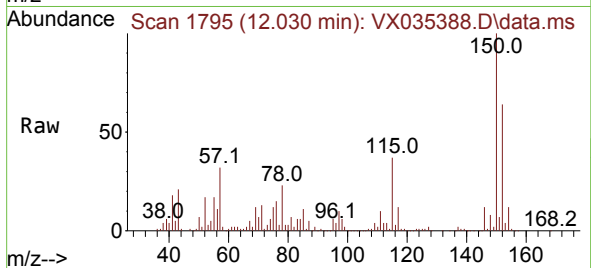
Tgt Ion:152 Resp: 159475

Ion Ratio Lower Upper

152 100

115 59.0 45.0 135.0

150 165.4 0.0 352.4



#73

Isopropylbenzene

Concen: 1.991 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX035388.D

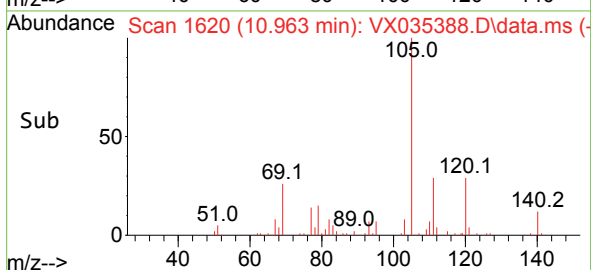
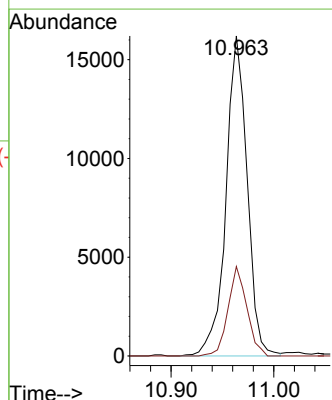
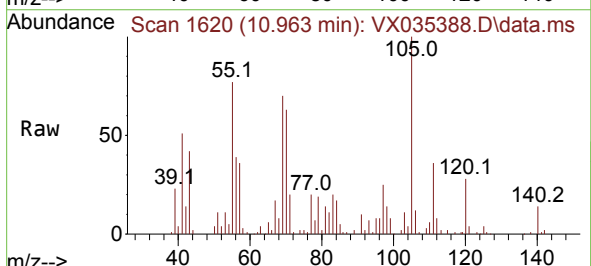
Acq: 28 Apr 2023 14:10

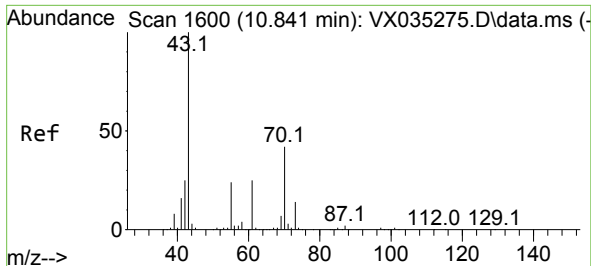
Tgt Ion:105 Resp: 23214

Ion Ratio Lower Upper

105 100

120 24.8 13.3 39.9

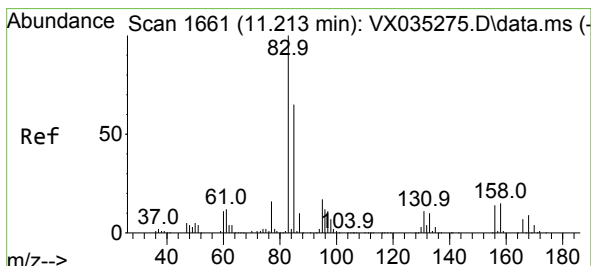
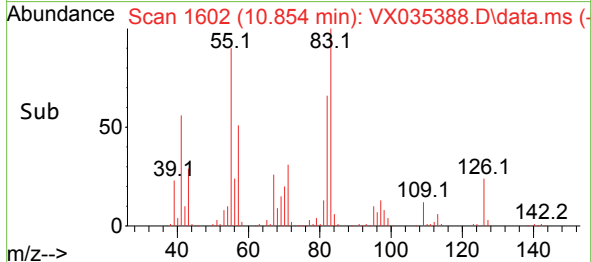
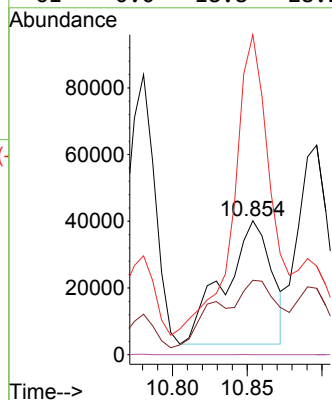
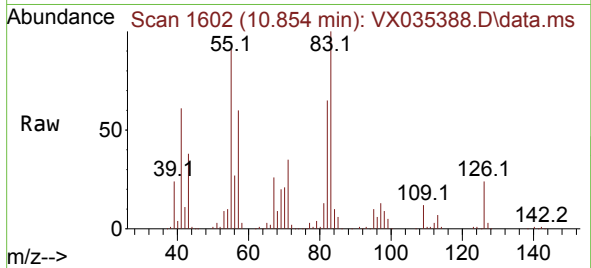




#74
N-amy1 acetate
Concen: 18.497 ug/l
RT: 10.854 min Scan# 1602
Delta R.T. 0.013 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

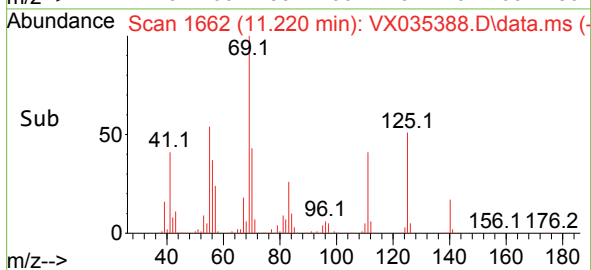
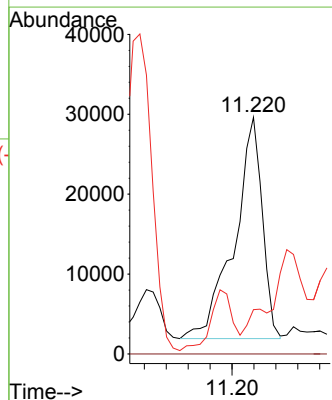
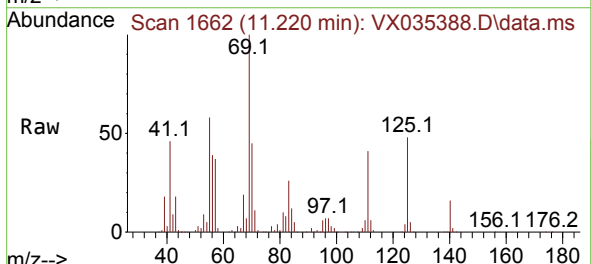
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

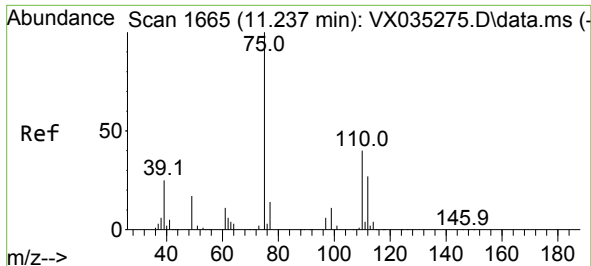
Tgt Ion: 43 Resp: 81036
Ion Ratio Lower Upper
43 100
70 26.8 32.1 48.1#
55 190.1 18.3 27.5#
61 0.0 18.8 28.2#



#75
1,1,2,2-Tetrachloroethane
Concen: 13.613 ug/l
RT: 11.220 min Scan# 1662
Delta R.T. 0.007 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 83 Resp: 49255
Ion Ratio Lower Upper
83 100
131 0.0 4.8 14.3#
85 0.0 32.0 96.0#

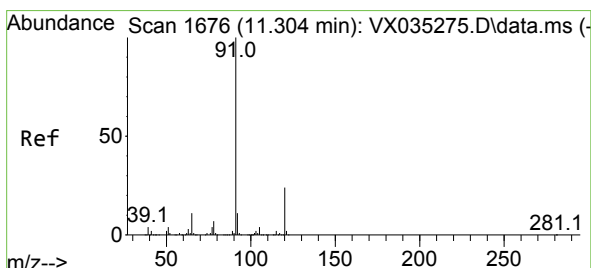
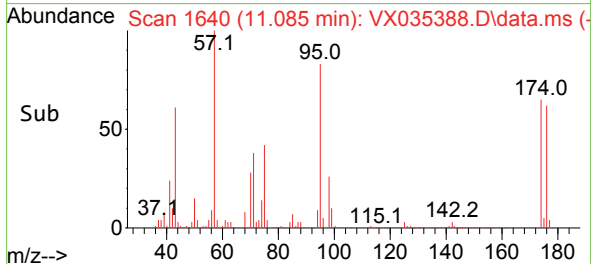
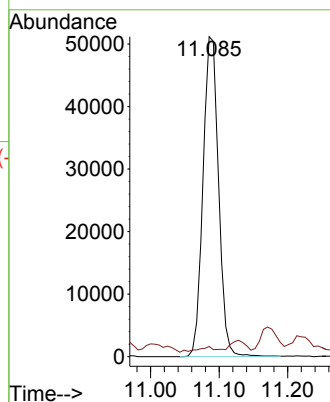
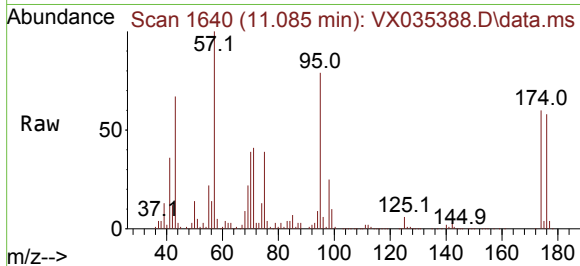




#76
1,2,3-Trichloropropane
Concen: 25.481 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. -0.152 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

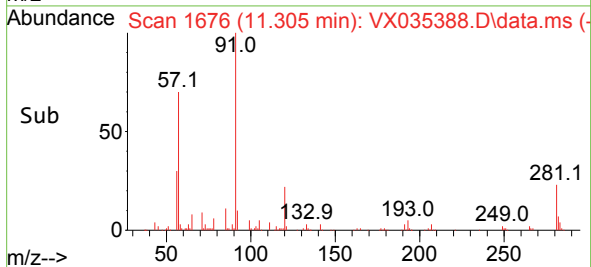
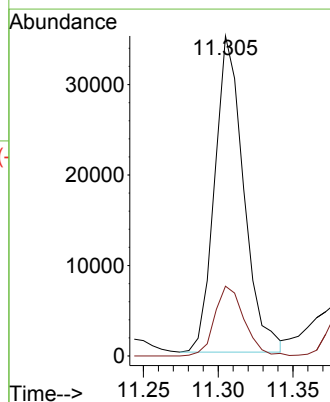
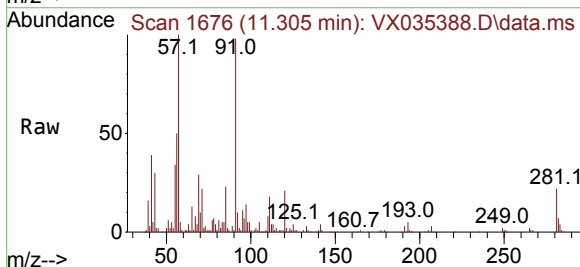
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

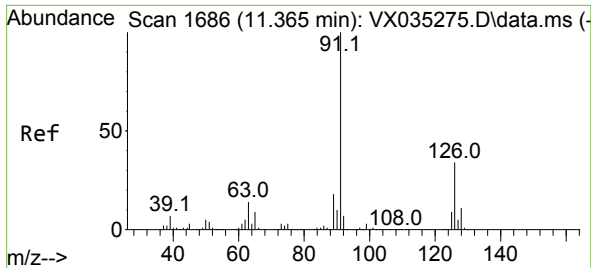
Tgt Ion: 75 Resp: 81058
Ion Ratio Lower Upper
75 100
77 1.9 21.6 64.8#



#78
n-propylbenzene
Concen: 3.523 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 91 Resp: 47172
Ion Ratio Lower Upper
91 100
120 22.5 11.5 34.5

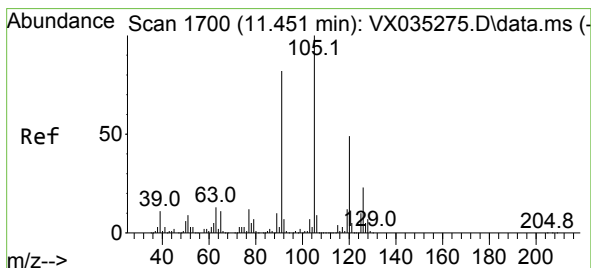
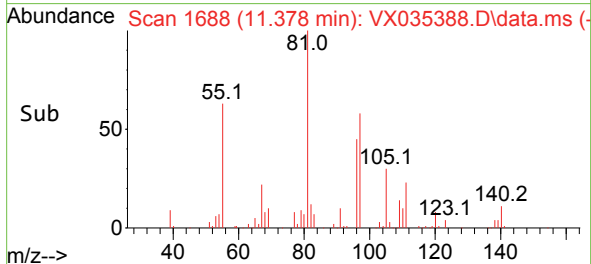
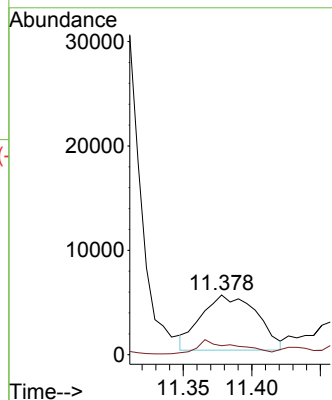
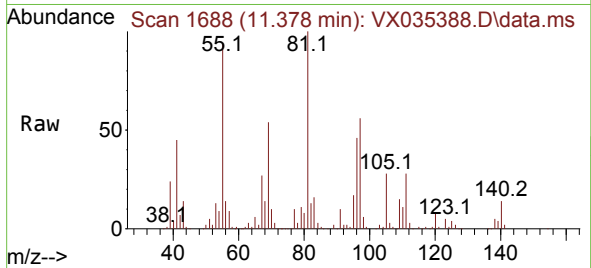




#79
2-Chlorotoluene
Concen: 1.786 ug/l
RT: 11.378 min Scan# 11
Delta R.T. 0.013 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

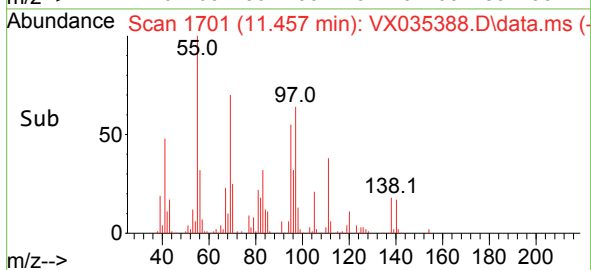
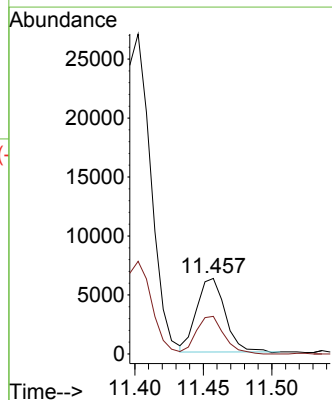
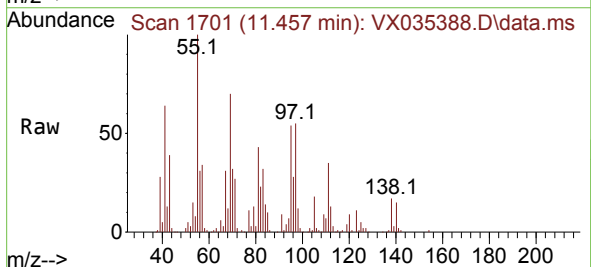
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

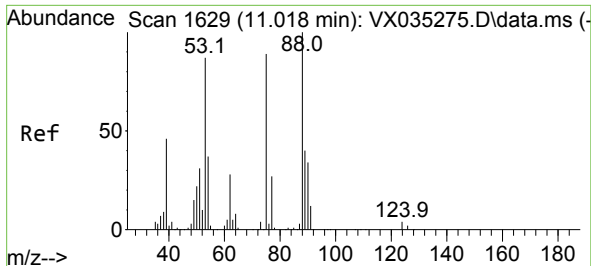
Tgt Ion: 91 Resp: 14938
Ion Ratio Lower Upper
91 100
126 18.2 16.3 48.9



#80
1,3,5-Trimethylbenzene
Concen: 0.916 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 105 Resp: 9005
Ion Ratio Lower Upper
105 100
120 50.0 23.7 71.1

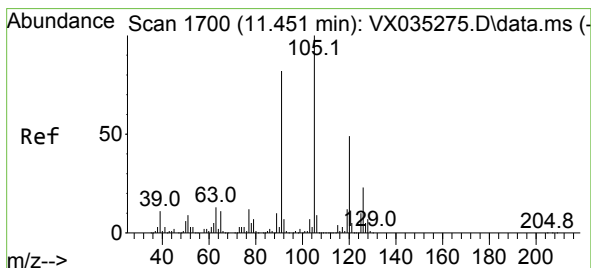
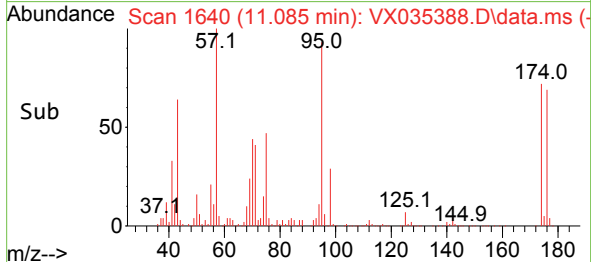
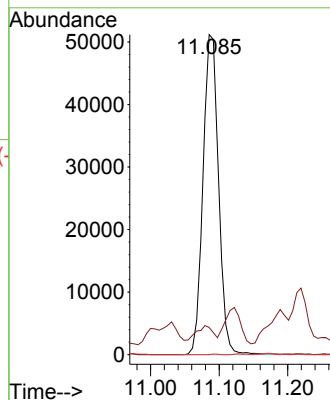
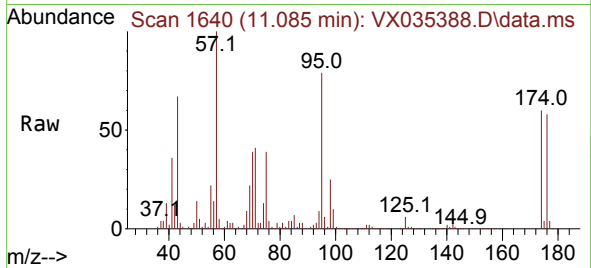




#81
trans-1,4-Dichloro-2-butene
Concen: 82.527 ug/l
RT: 11.085 min Scan# 1
Delta R.T. 0.067 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

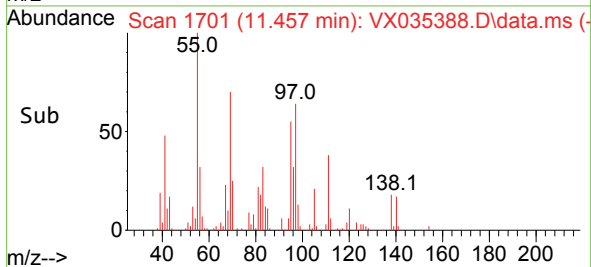
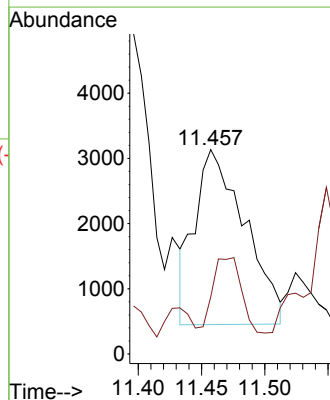
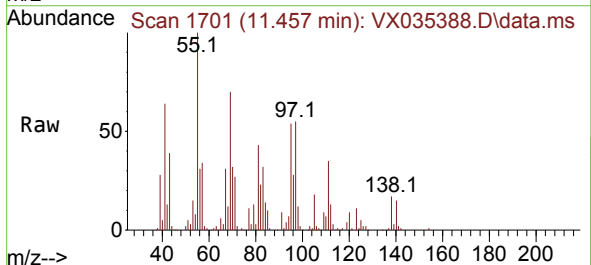
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

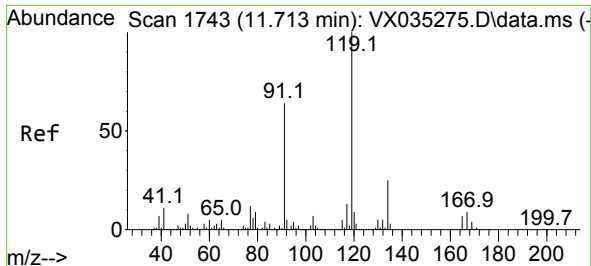
Tgt Ion: 75 Resp: 81058
Ion Ratio Lower Upper
75 100
53 8.1 82.6 124.0#
89 0.1 36.9 55.3#



#82
4-Chlorotoluene
Concen: 0.788 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 91 Resp: 7408
Ion Ratio Lower Upper
91 100
126 24.4 14.2 42.6

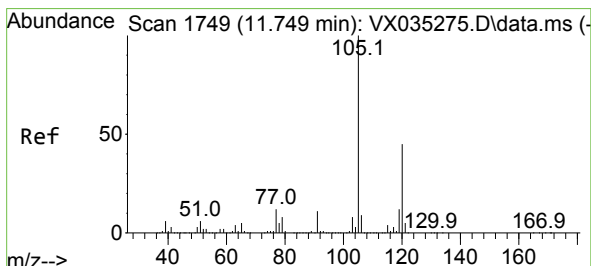
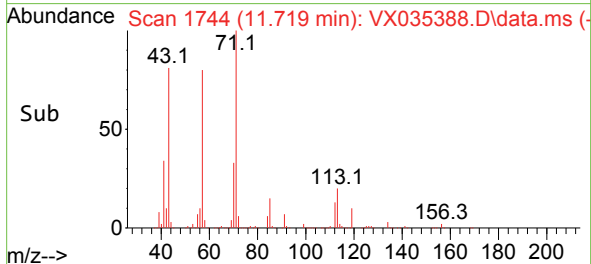
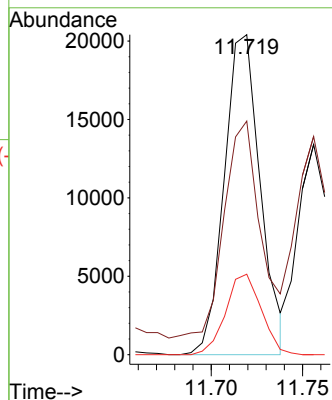
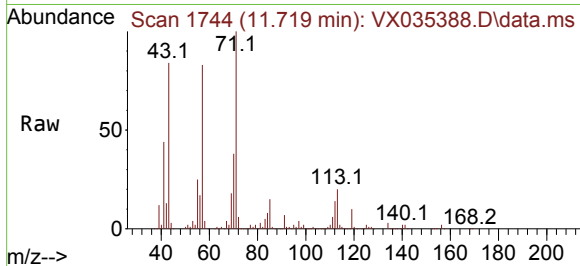




#83
tert-Butylbenzene
Concen: 2.835 ug/l
RT: 11.719 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

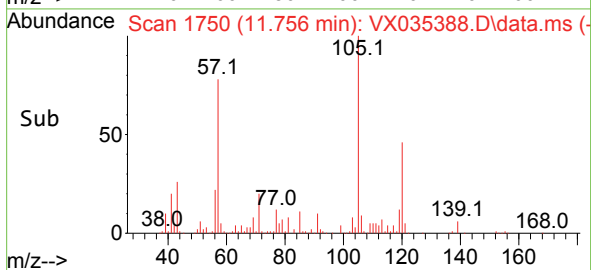
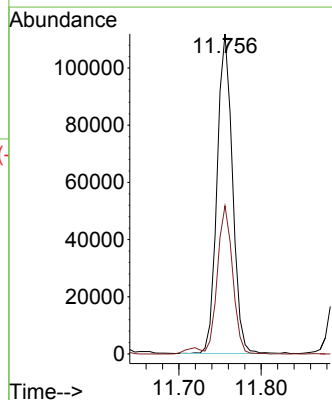
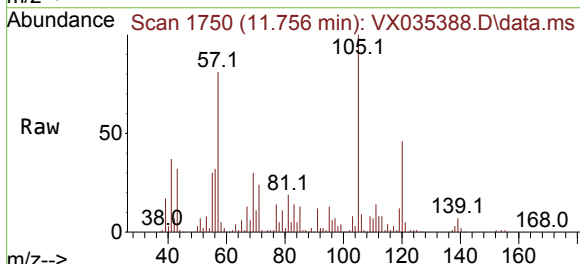
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

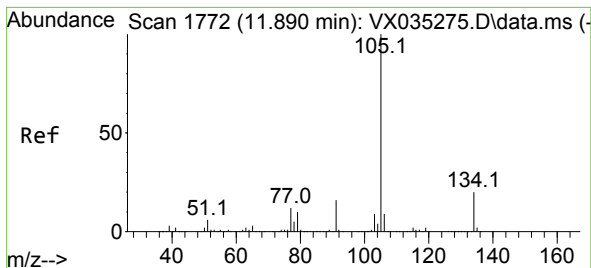
Tgt Ion:119 Resp: 27956
Ion Ratio Lower Upper
119 100
91 66.6 30.6 92.0
134 24.9 11.8 35.4



#84
1,2,4-Trimethylbenzene
Concen: 14.716 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.007 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion:105 Resp: 145345
Ion Ratio Lower Upper
105 100
120 45.5 22.4 67.0





#85

sec-Butylbenzene

Concen: 3.127 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

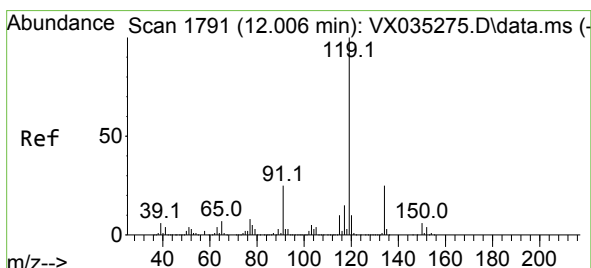
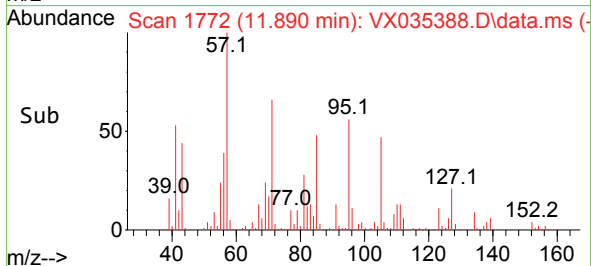
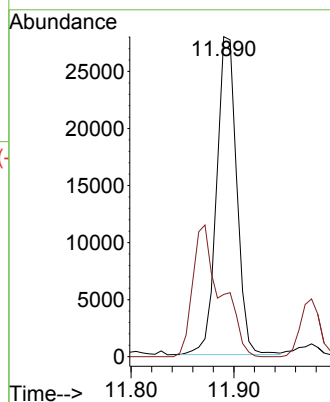
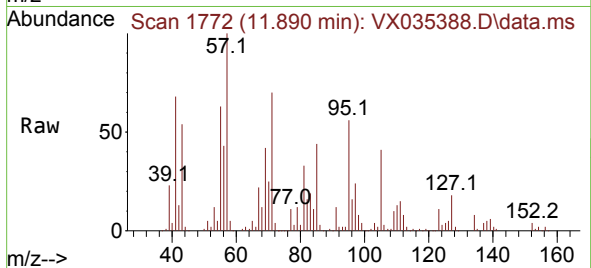
SPA-2WC-23-04

Tgt Ion:105 Resp: 37832

Ion Ratio Lower Upper

105 100

134 58.1 10.2 30.4#



#86

p-Isopropyltoluene

Concen: 1.236 ug/l

RT: 12.012 min Scan# 1792

Delta R.T. 0.006 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

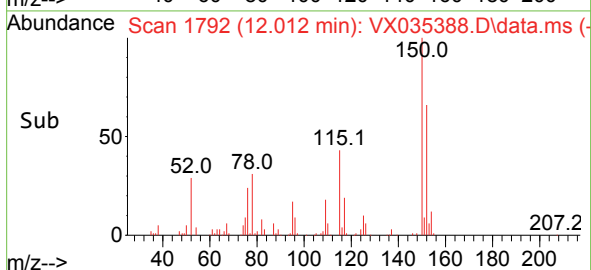
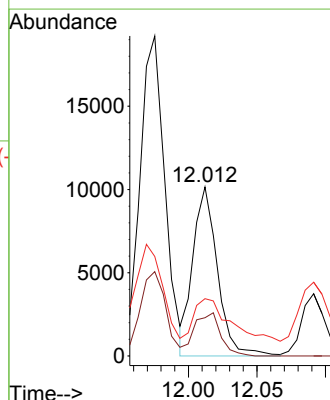
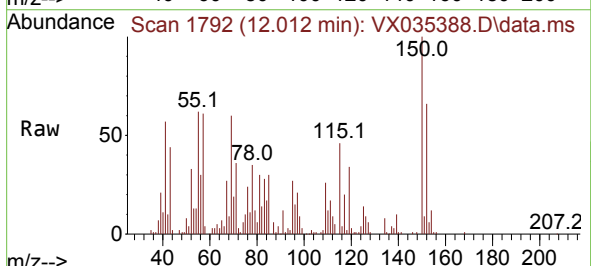
Tgt Ion:119 Resp: 12713

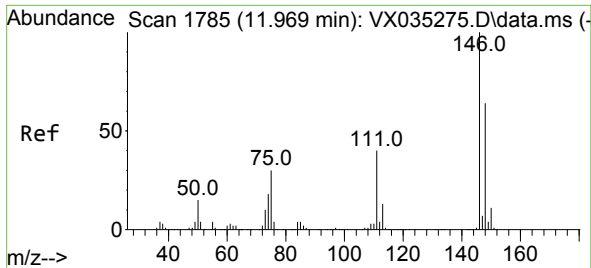
Ion Ratio Lower Upper

119 100

134 27.3 13.2 39.5

91 35.9 12.9 38.7





#87

1,3-Dichlorobenzene

Concen: 18.478 ug/l

RT: 11.975 min Scan# 1786

Delta R.T. 0.006 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

SPA-2WC-23-04

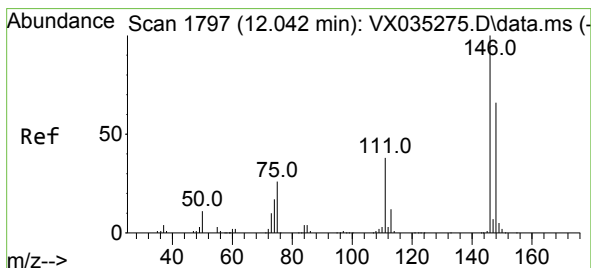
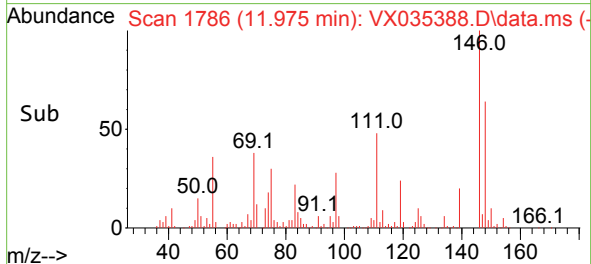
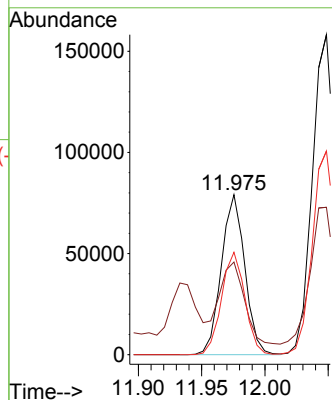
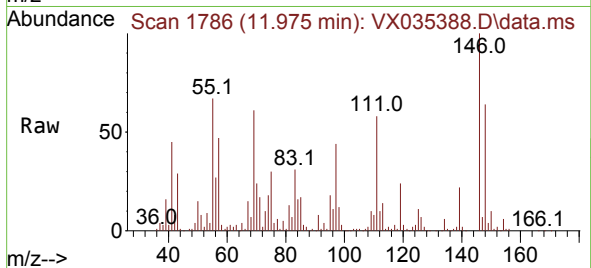
Tgt Ion:146 Resp: 101760

Ion Ratio Lower Upper

146 100

111 56.2 20.9 62.8

148 63.8 31.6 95.0



#88

1,4-Dichlorobenzene

Concen: 35.193 ug/l

RT: 12.049 min Scan# 1798

Delta R.T. 0.007 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

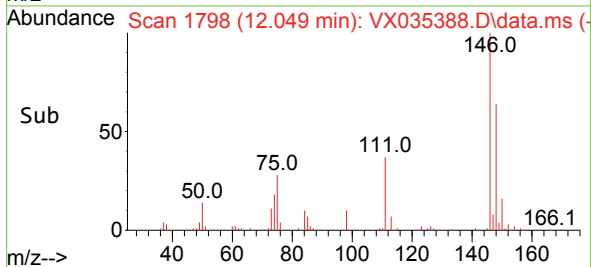
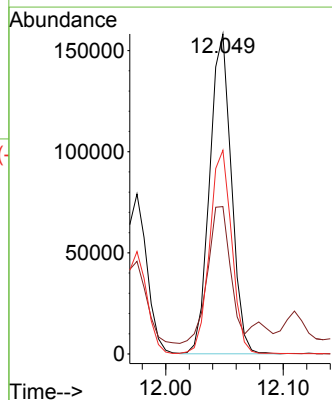
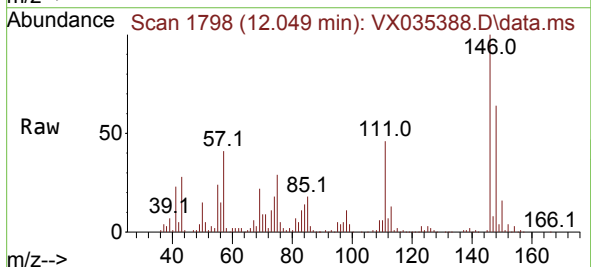
Tgt Ion:146 Resp: 203203

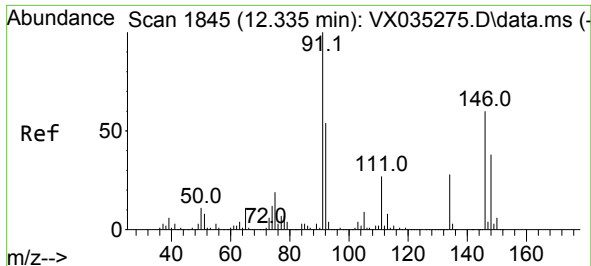
Ion Ratio Lower Upper

146 100

111 46.4 20.6 61.9

148 64.9 31.8 95.4

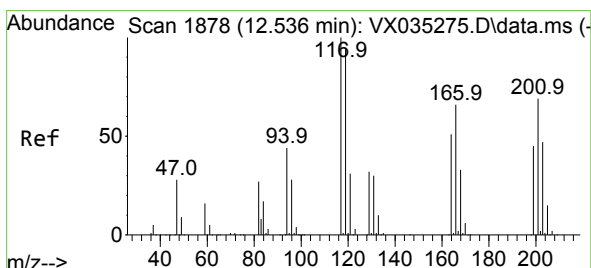
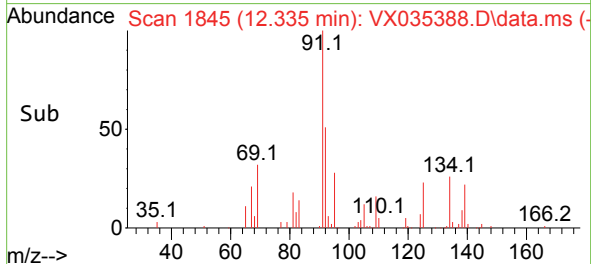
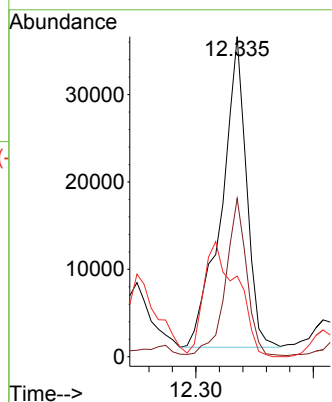
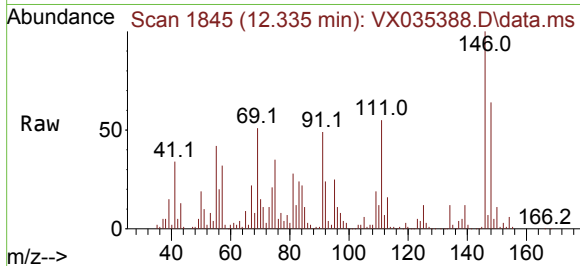




#89
n-Butylbenzene
Concen: 6.023 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

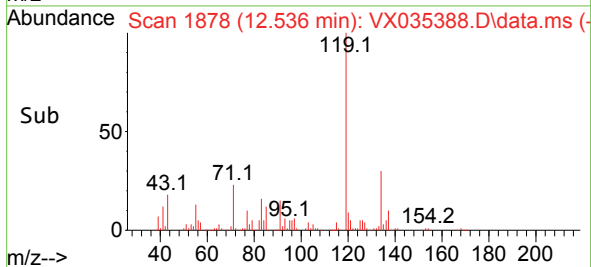
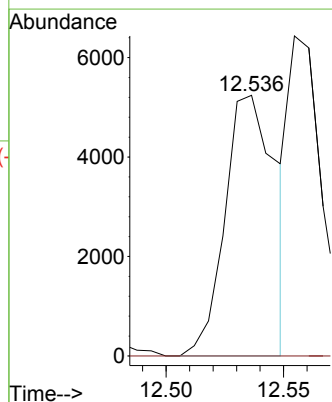
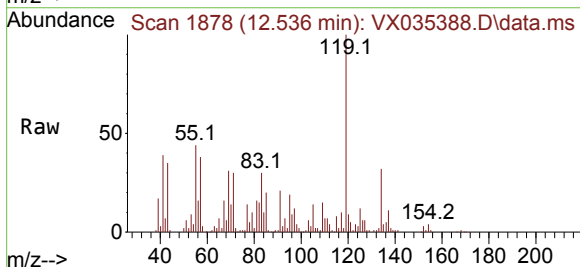
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

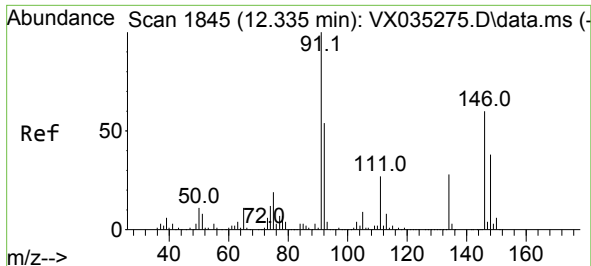
Tgt Ion: 91 Resp: 52313
Ion Ratio Lower Upper
91 100
92 42.7 27.7 83.0
134 49.9 13.0 38.9#



#90
Hexachloroethane
Concen: 5.021 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 117 Resp: 7908
Ion Ratio Lower Upper
117 100
201 0.0 34.4 103.1#

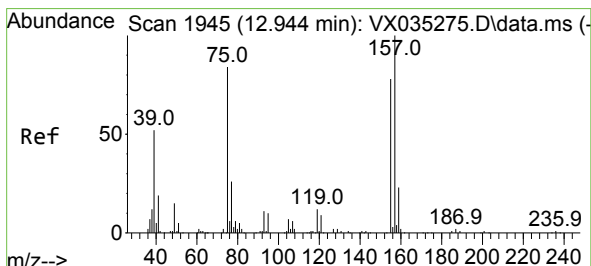
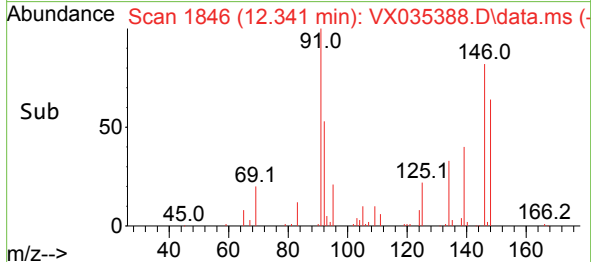
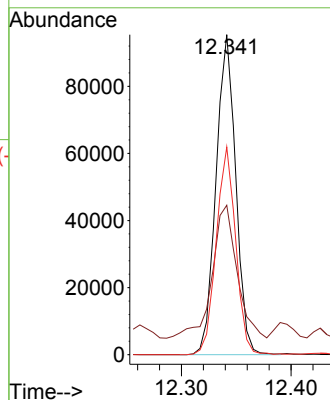
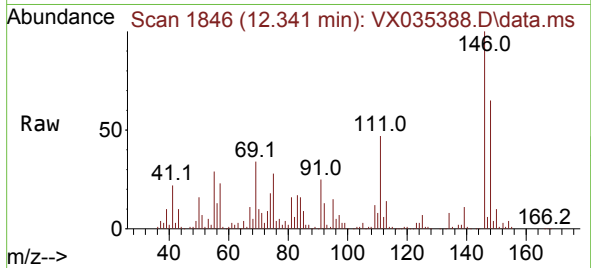




#91
1,2-Dichlorobenzene
Concen: 21.681 ug/l
RT: 12.341 min Scan# 119417
Delta R.T. 0.006 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

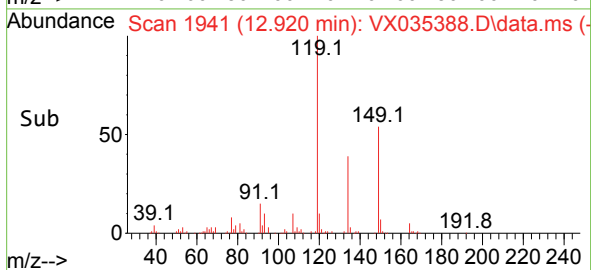
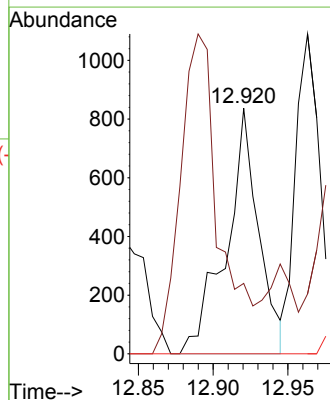
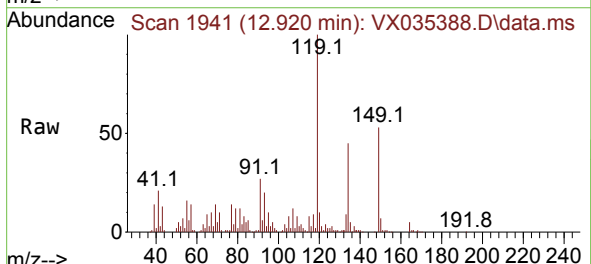
Instrument :
MSVOA_X
ClientSampleId :
SPA-2WC-23-04

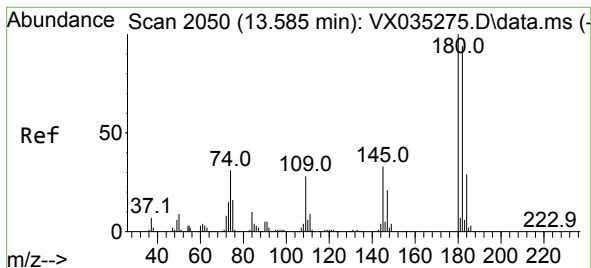
Tgt Ion:146 Resp: 119417
Ion Ratio Lower Upper
146 100
111 52.2 22.0 66.0
148 64.1 32.0 96.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.741 ug/l
RT: 12.920 min Scan# 1941
Delta R.T. -0.024 min
Lab File: VX035388.D
Acq: 28 Apr 2023 14:10

Tgt Ion: 75 Resp: 1263
Ion Ratio Lower Upper
75 100
155 0.0 38.4 115.1#
157 0.0 49.9 149.7#





#93

1,2,4-Trichlorobenzene

Concen: 21.699 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

SPA-2WC-23-04

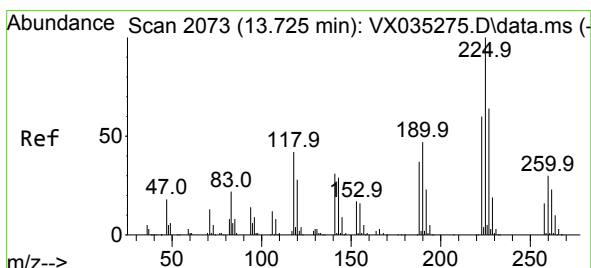
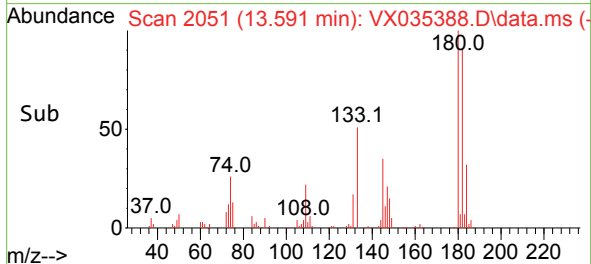
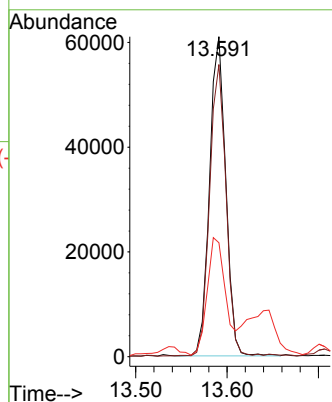
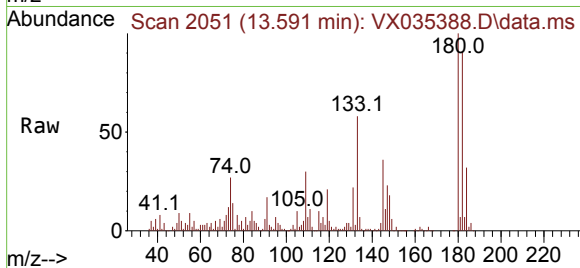
Tgt Ion:180 Resp: 75123

Ion Ratio Lower Upper

180 100

182 91.8 47.0 141.0

145 42.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 1.980 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

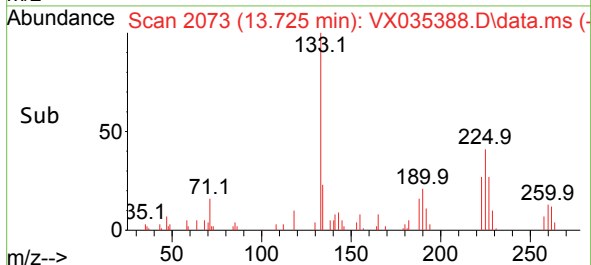
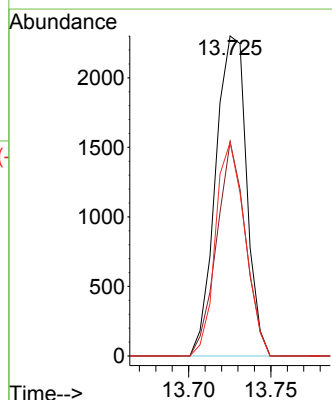
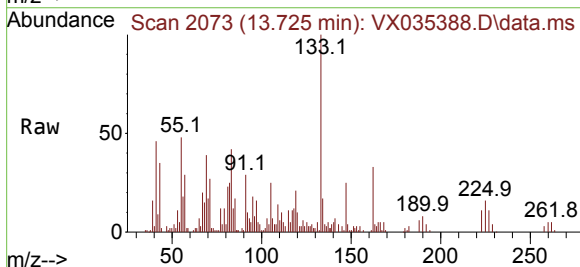
Tgt Ion:225 Resp: 3008

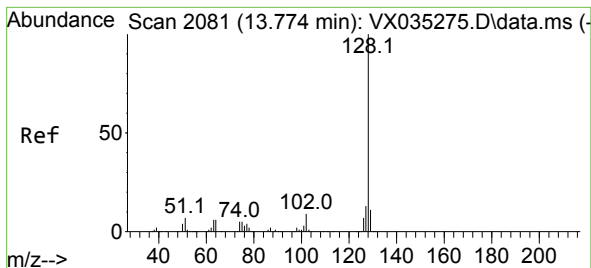
Ion Ratio Lower Upper

225 100

223 62.3 32.1 96.5

227 63.6 31.8 95.4





#95

Naphthalene

Concen: 3.827 ug/l

RT: 13.780 min Scan# 2081

Delta R.T. 0.006 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

Instrument :

MSVOA_X

ClientSampleId :

SPA-2WC-23-04

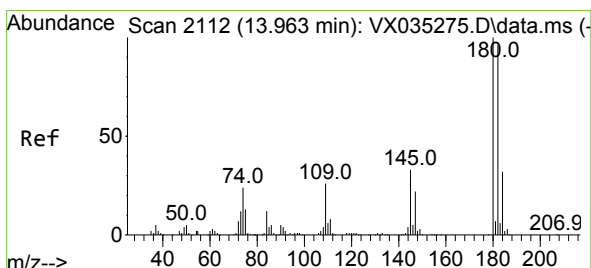
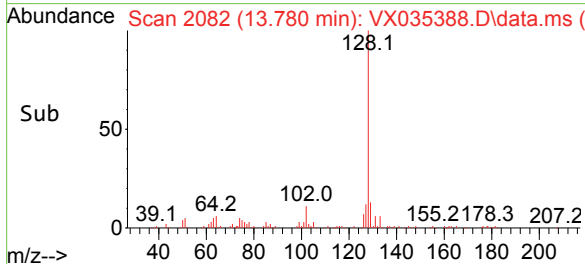
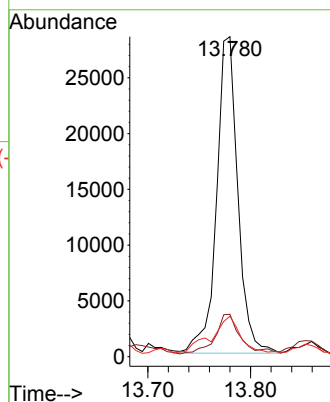
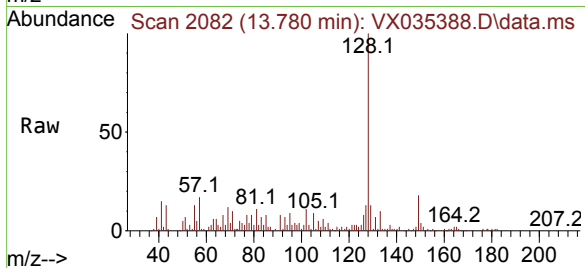
Tgt Ion:128 Resp: 40790

Ion Ratio Lower Upper

128 100

127 15.2 10.2 15.4

129 16.0 8.6 13.0#



#96

1,2,3-Trichlorobenzene

Concen: 4.665 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX035388.D

Acq: 28 Apr 2023 14:10

Tgt Ion:180 Resp: 16257

Ion Ratio Lower Upper

180 100

182 91.1 48.0 144.2

145 71.2 17.7 53.1#

