

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027088.D
 Acq On : 17 Feb 2022 19:15
 Operator : JC/MD
 Sample : N1561-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-1-1-COMP

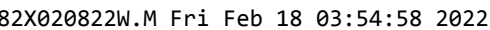
Quant Time: Feb 18 03:54:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 08 07:07:46 2022
 Response via : Initial Calibration

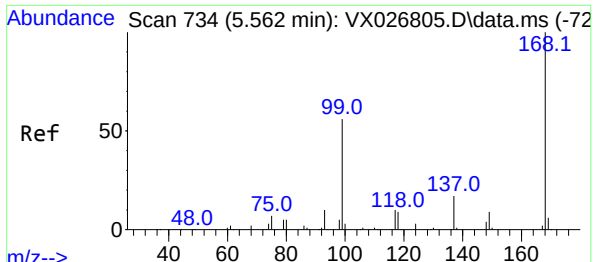
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	106545	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	179340	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	156622	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	69272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	67509	52.784	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.560%
35) Dibromofluoromethane	5.397	113	56875	53.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.460%
50) Toluene-d8	8.653	98	203762	51.953	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	103.900%
62) 4-Bromofluorobenzene	11.085	95	72855	52.762	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.520%
Target Compounds						
					Qvalue	
16) Acetone	2.380	43	4191	7.461	ug/l	100
18) Methyl Acetate	2.703	43	817	0.506	ug/l #	87
20) Methylene Chloride	2.794	84	1096	0.900	ug/l	93
25) 2-Butanone	4.568	43	849	0.938	ug/l	92
31) Cyclohexane	5.562	56	2047	1.007	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7999	4.746	ug/l #	50
38) Carbon Tetrachloride	5.556	117	10698	6.052	ug/l #	17
43) Isopropyl Acetate	6.348	43	9826	3.334	ug/l	98
48) Methyl methacrylate	7.598	41	2961	2.028	ug/l #	16
49) 1,4-Dioxane	7.799	88	19	0.755	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	33171	18.572	ug/l #	51
54) cis-1,3-Dichloropropene	8.549	75	15810	8.693	ug/l #	55
57) 1,3-Dichloropropane	9.488	76	9075	4.488	ug/l #	43
59) 2-Hexanone	9.482	43	121610	93.088	ug/l #	52
68) m/p-Xylenes	10.305	106	466	0.211	ug/l	85
76) 1,2,3-Trichloropropane	11.079	75	36248	23.904	ug/l #	40
78) n-propylbenzene	11.366	91	3067	0.507	ug/l #	52
79) 2-Chlorotoluene	11.366	91	3067	0.821	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.079	75	36248	73.061	ug/l #	3
82) 4-Chlorotoluene	11.457	91	1572	0.375	ug/l	91

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

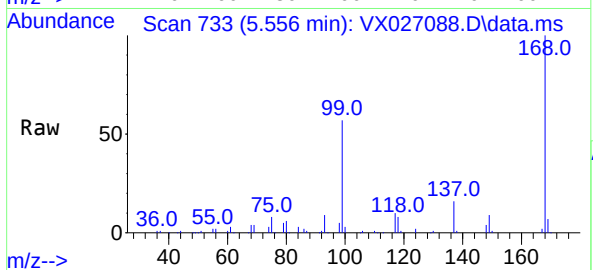
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



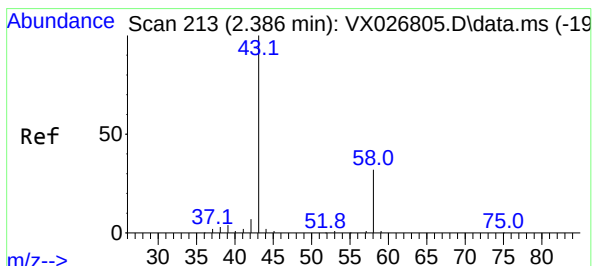
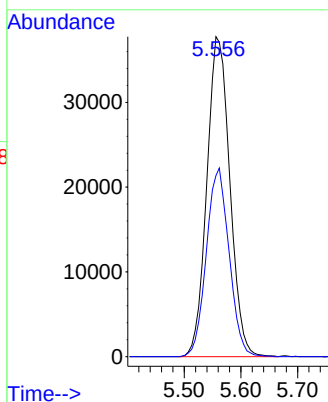
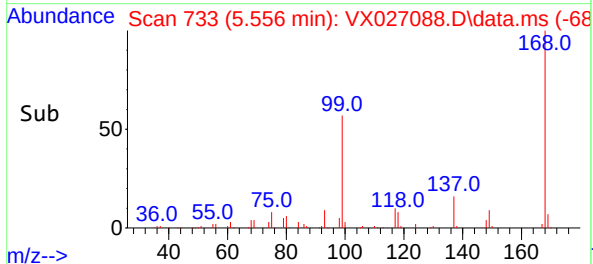


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :
TP-1-1-COMP

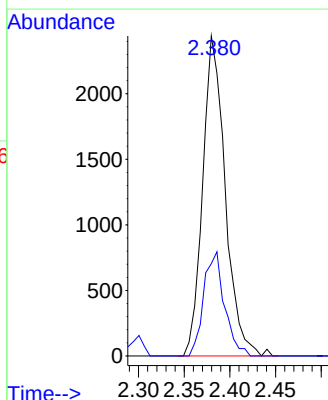
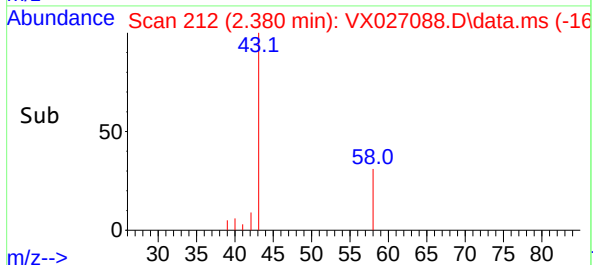
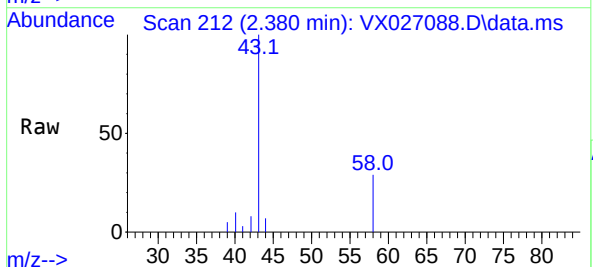


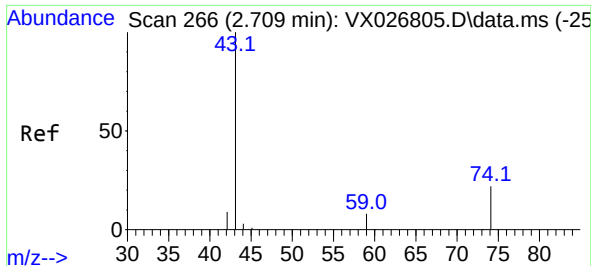
Tgt Ion:168 Resp: 106545
Ion Ratio Lower Upper
168 100
99 56.6 50.3 75.5



#16
Acetone
Concen: 7.461 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.006 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

Tgt Ion: 43 Resp: 4191
Ion Ratio Lower Upper
43 100
58 28.8 23.0 34.6

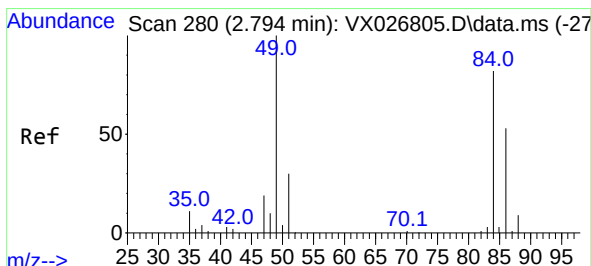
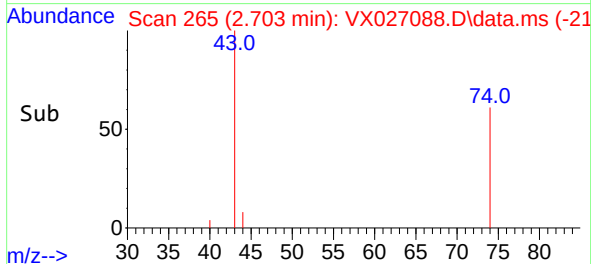
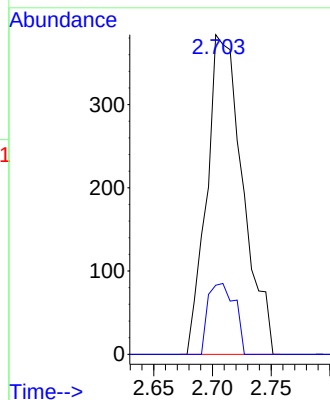
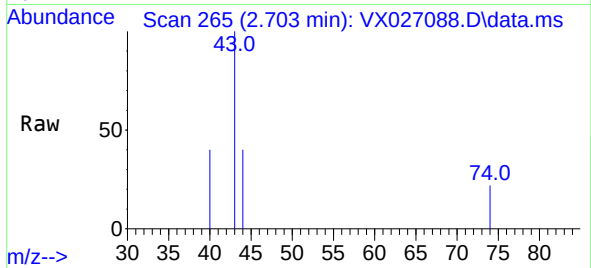




#18
Methyl Acetate
Concen: 0.506 ug/l
RT: 2.703 min Scan# 20
Delta R.T. -0.006 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

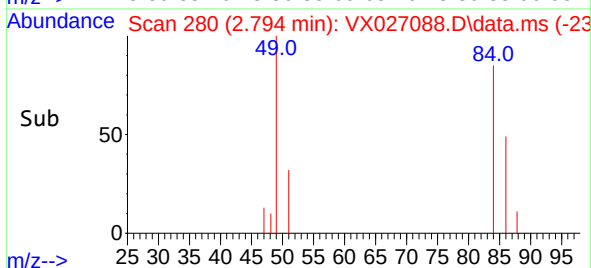
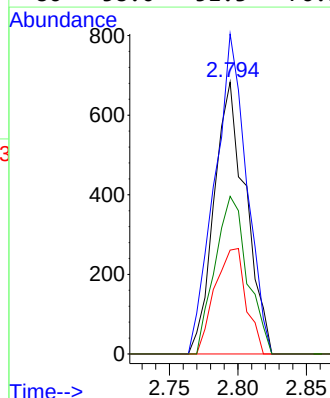
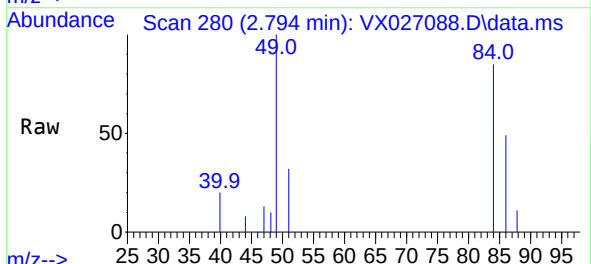
Instrument :
MSVOA_X
ClientSampleId :
TP-1-1-COMP

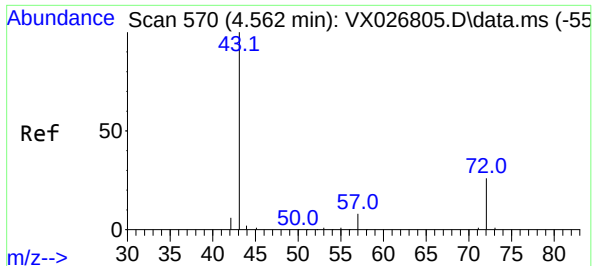
Tgt Ion: 43 Resp: 817
Ion Ratio Lower Upper
43 100
74 16.5 18.3 27.5#



#20
Methylene Chloride
Concen: 0.900 ug/l
RT: 2.794 min Scan# 280
Delta R.T. 0.000 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

Tgt Ion: 84 Resp: 1096
Ion Ratio Lower Upper
84 100
49 117.7 101.5 152.3
51 38.2 31.2 46.8
86 58.0 51.3 76.9





#25

2-Butanone

Concen: 0.938 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.006 min

Lab File: VX027088.D

Acq: 17 Feb 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

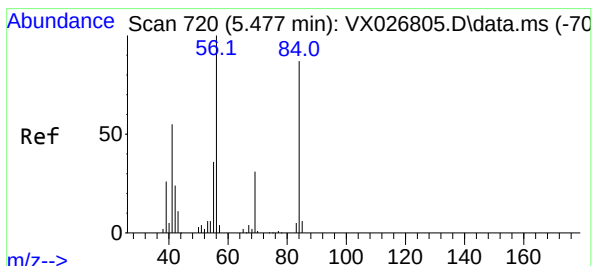
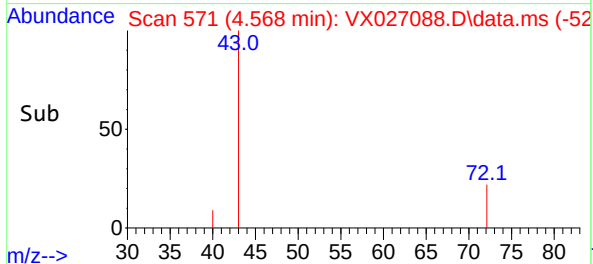
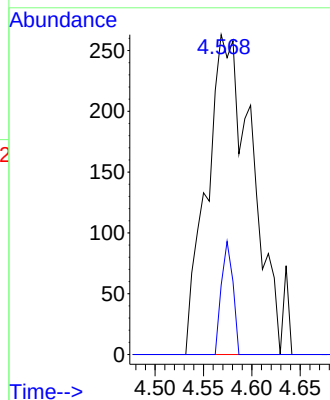
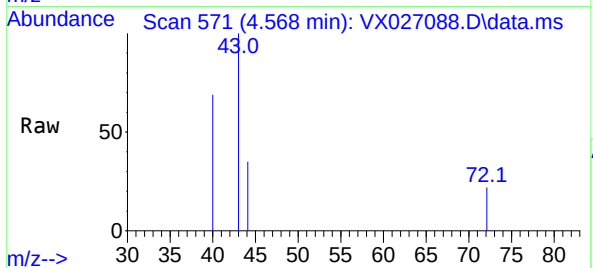
TP-1-1-COMP

Tgt Ion: 43 Resp: 849

Ion Ratio Lower Upper

43 100

72 21.7 20.4 30.6



#31

Cyclohexane

Concen: 1.007 ug/l

RT: 5.562 min Scan# 734

Delta R.T. 0.085 min

Lab File: VX027088.D

Acq: 17 Feb 2022 19:15

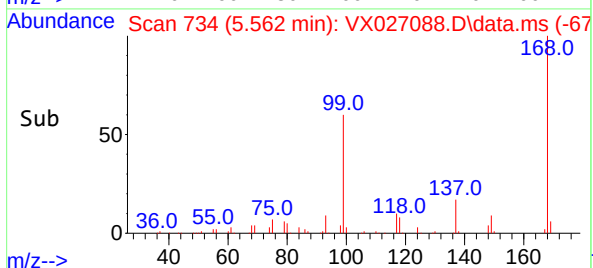
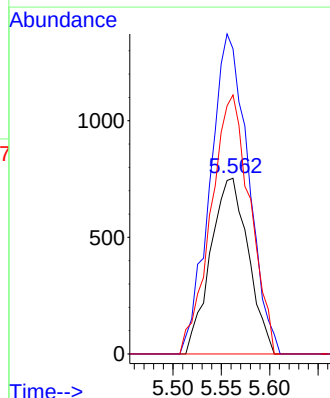
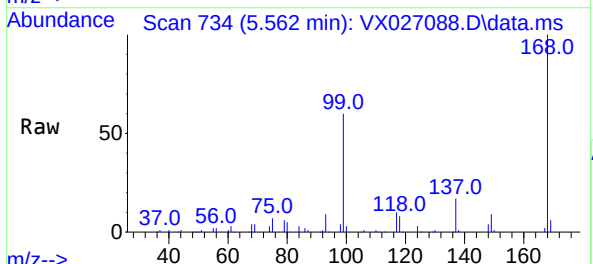
Tgt Ion: 56 Resp: 2047

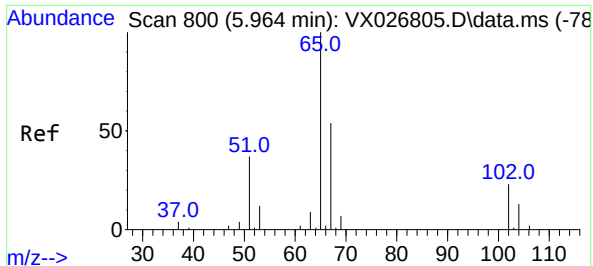
Ion Ratio Lower Upper

56 100

69 173.7 25.8 38.6#

84 147.5 68.9 103.3#





#33

1,2-Dichloroethane-d4

Concen: 52.784 ug/l

RT: 5.964 min Scan# 800

Delta R.T. 0.000 min

Lab File: VX027088.D

Acq: 17 Feb 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

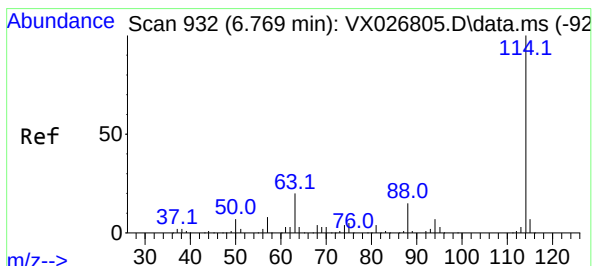
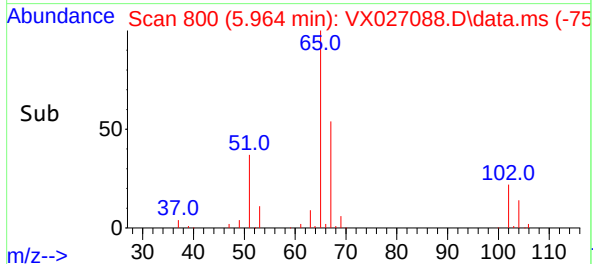
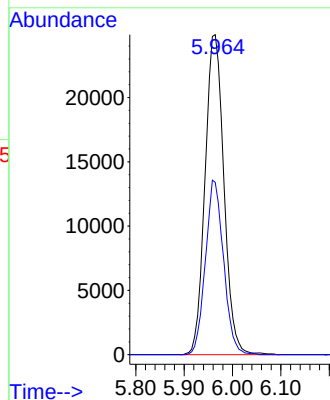
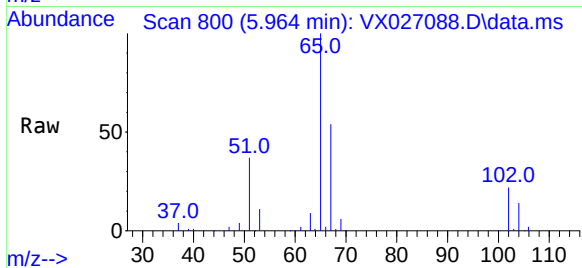
TP-1-1-COMP

Tgt Ion: 65 Resp: 67509

Ion Ratio Lower Upper

65 100

67 52.4 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.000 min

Lab File: VX027088.D

Acq: 17 Feb 2022 19:15

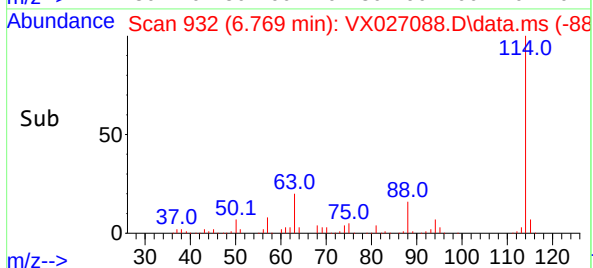
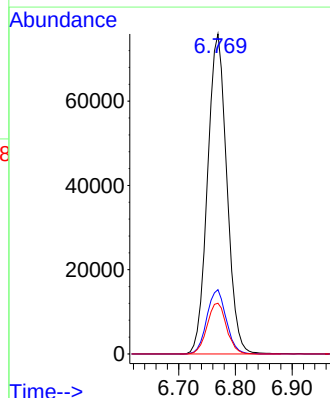
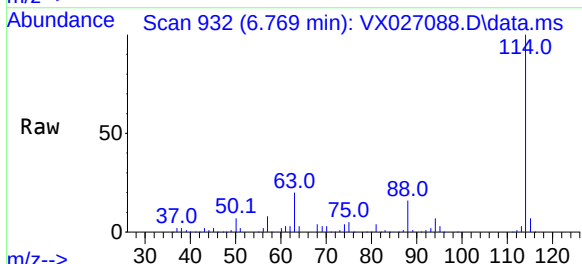
Tgt Ion: 114 Resp: 179340

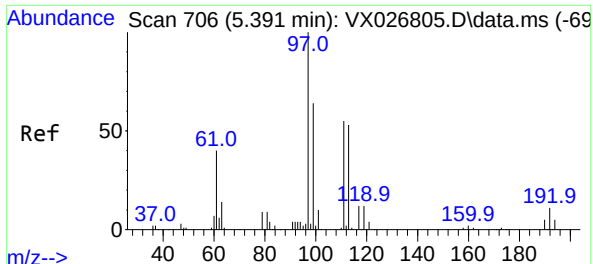
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.8

88 15.9 0.0 33.0

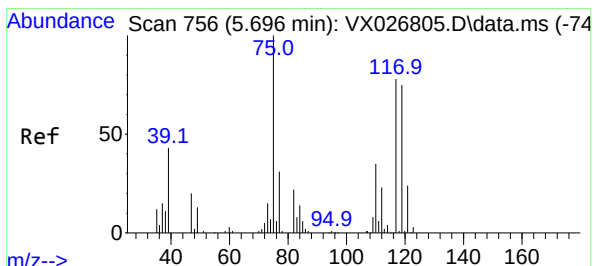
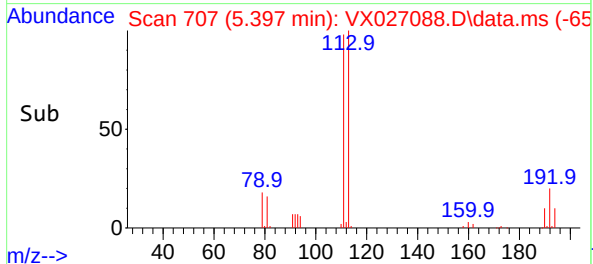
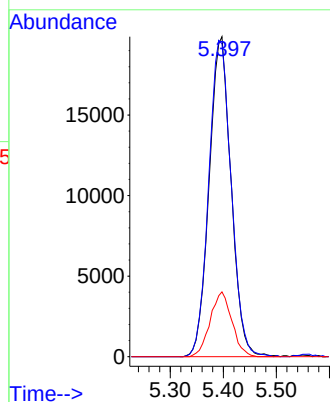
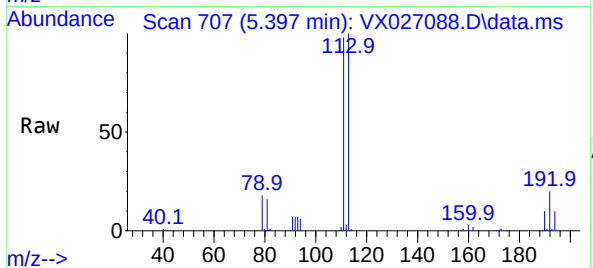




#35
Dibromofluoromethane
Concen: 53.230 ug/l
RT: 5.397 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

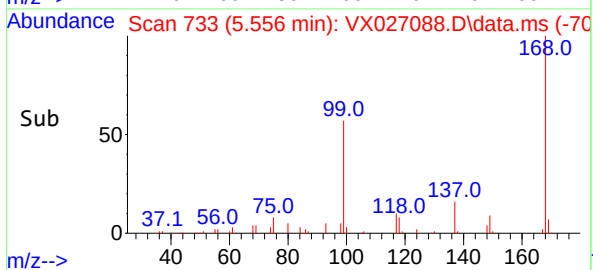
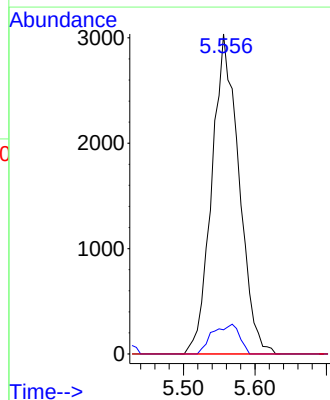
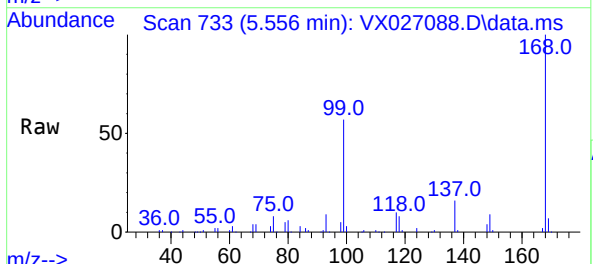
Instrument :
MSVOA_X
ClientSampleId :
TP-1-1-COMP

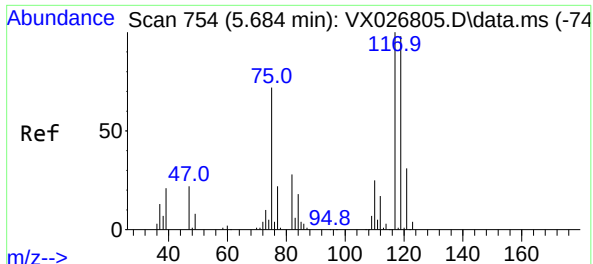
Tgt Ion:113 Resp: 56875
Ion Ratio Lower Upper
113 100
111 101.7 81.2 121.8
192 20.1 15.0 22.4



#36
1,1-Dichloropropene
Concen: 4.746 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

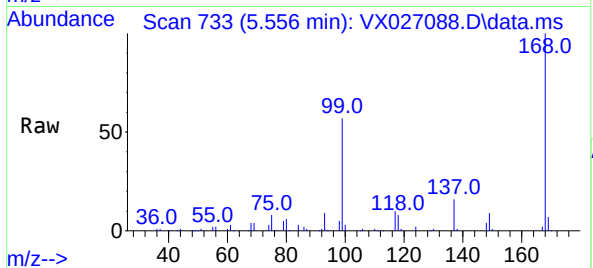
Tgt Ion: 75 Resp: 7999
Ion Ratio Lower Upper
75 100
110 9.2 17.2 51.6#
77 0.0 24.6 36.8#



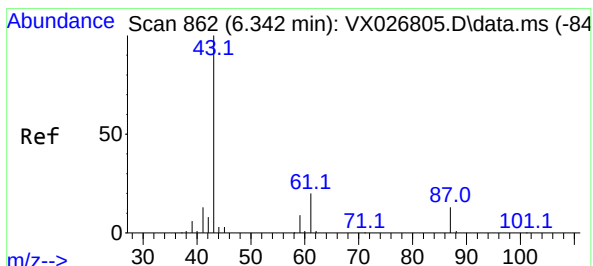
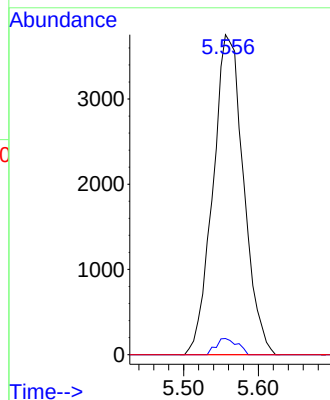
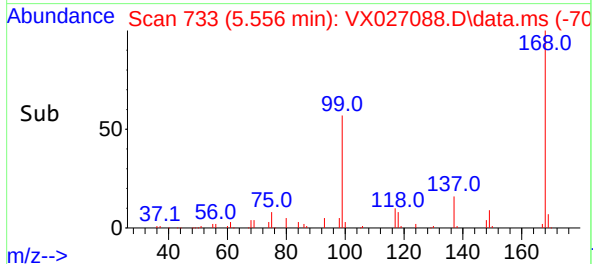


#38
Carbon Tetrachloride
Concen: 6.052 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :
TP-1-1-COMP

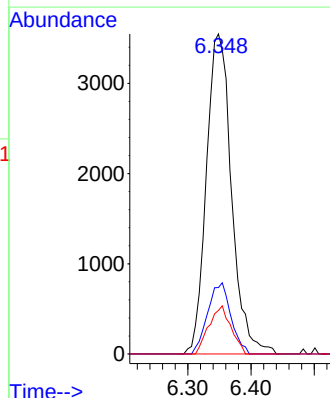
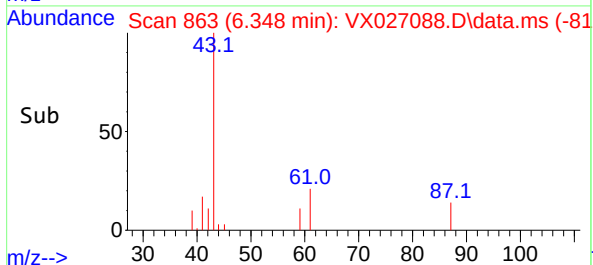
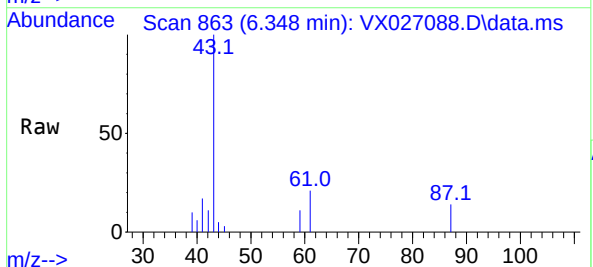


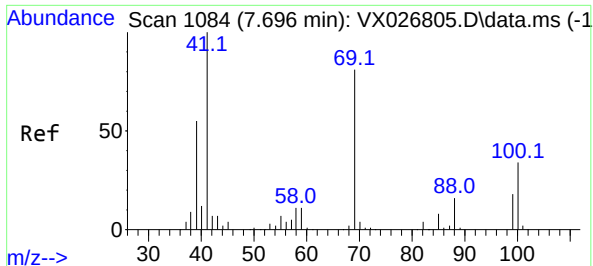
Tgt Ion:117 Resp: 10698
Ion Ratio Lower Upper
117 100
119 5.0 74.7 112.1#
121 0.0 25.4 38.0#



#43
Isopropyl Acetate
Concen: 3.334 ug/l
RT: 6.348 min Scan# 863
Delta R.T. 0.006 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

Tgt Ion: 43 Resp: 9826
Ion Ratio Lower Upper
43 100
61 20.5 15.4 23.0
87 13.1 10.2 15.2





#48

Methyl methacrylate

Concen: 2.028 ug/l

RT: 7.598 min Scan# 1100

Delta R.T. -0.097 min

Lab File: VX027088.D

Acq: 17 Feb 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

TP-1-1-COMP

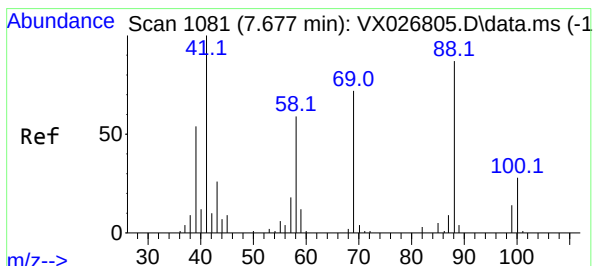
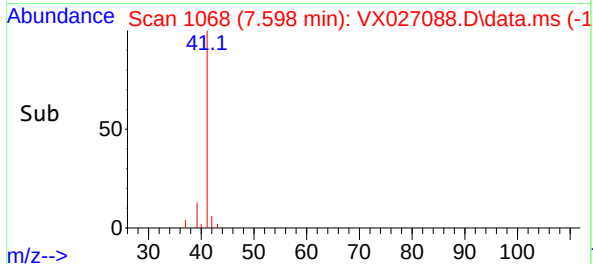
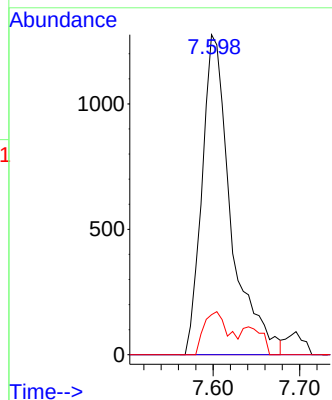
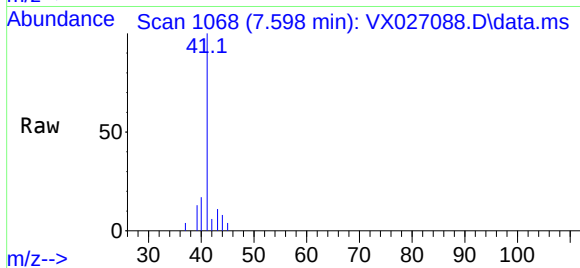
Tgt Ion: 41 Resp: 2961

Ion Ratio Lower Upper

41 100

69 0.0 62.2 93.4#

39 0.0 45.4 68.0#



#49

1,4-Dioxane

Concen: 0.755 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.122 min

Lab File: VX027088.D

Acq: 17 Feb 2022 19:15

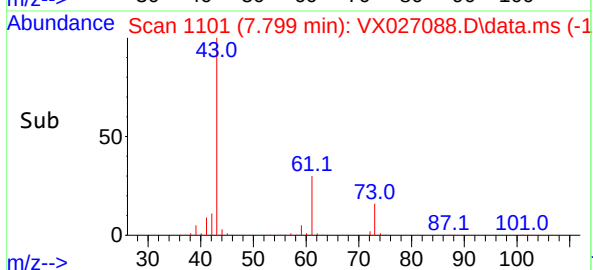
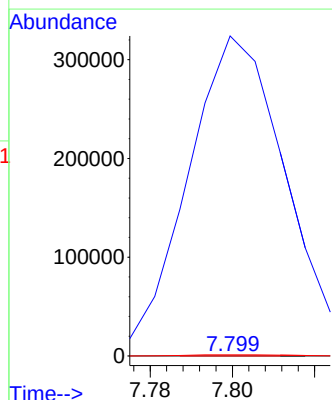
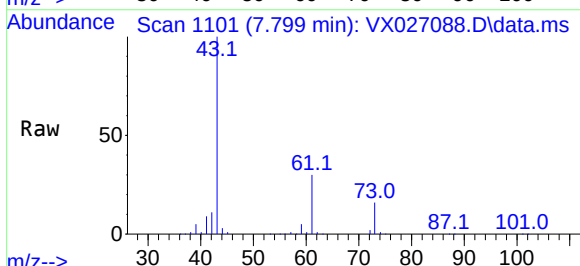
Tgt Ion: 88 Resp: 19

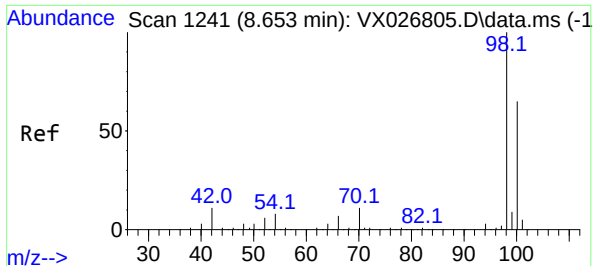
Ion Ratio Lower Upper

88 100

43 2889368.4 29.9 44.9#

58 11542.1 57.8 86.6#





#50

Toluene-d8

Concen: 51.953 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027088.D

Acq: 17 Feb 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

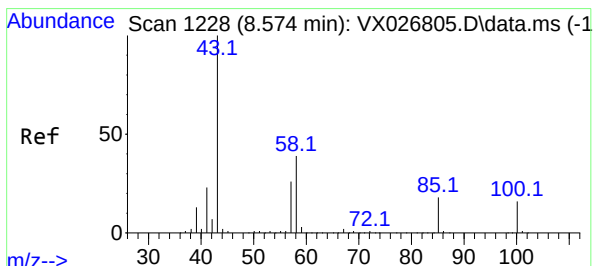
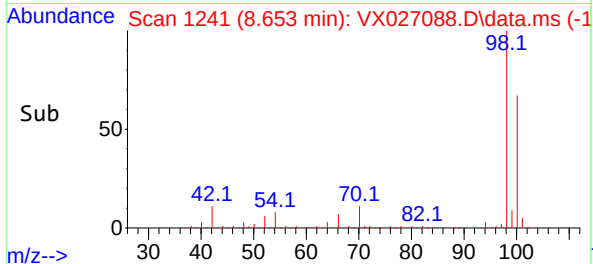
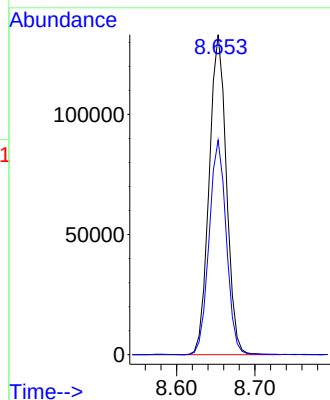
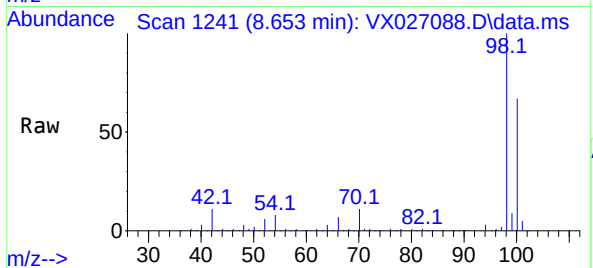
TP-1-1-COMP

Tgt Ion: 98 Resp: 203762

Ion Ratio Lower Upper

98 100

100 66.6 53.2 79.8



#51

4-Methyl-2-Pentanone

Concen: 18.572 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX027088.D

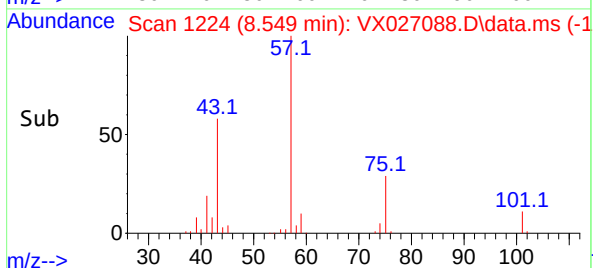
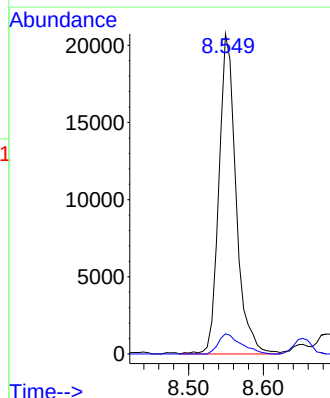
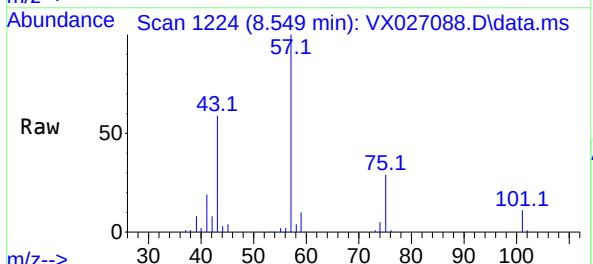
Acq: 17 Feb 2022 19:15

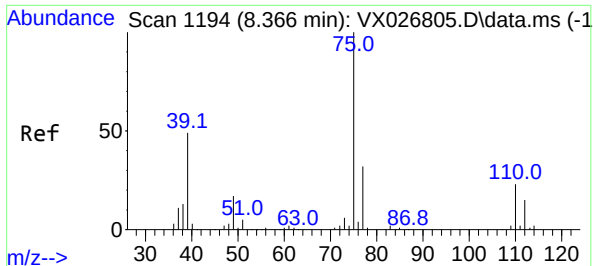
Tgt Ion: 43 Resp: 33171

Ion Ratio Lower Upper

43 100

58 8.3 30.5 45.7#





#54

cis-1,3-Dichloropropene

Concen: 8.693 ug/l

RT: 8.549 min Scan# 11

Delta R.T. 0.183 min

Lab File: VX027088.D

Acq: 17 Feb 2022 19:15

Instrument :

MSVOA_X

ClientSampleId :

TP-1-1-COMP

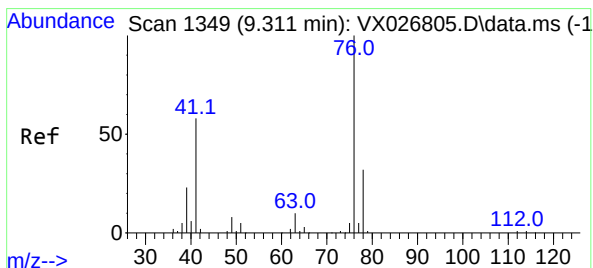
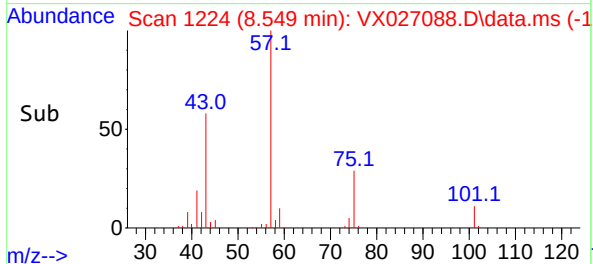
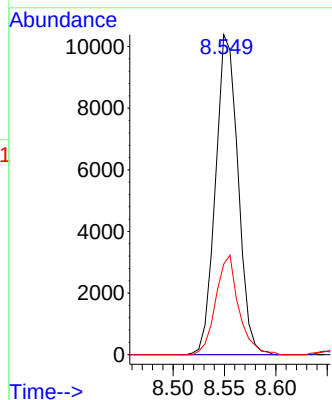
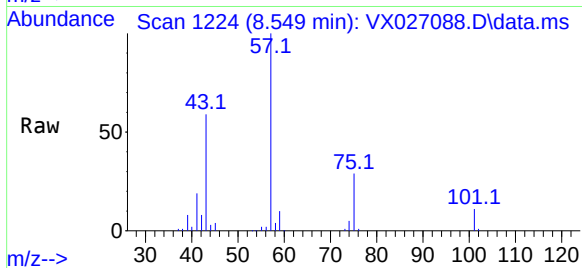
Tgt Ion: 75 Resp: 15810

Ion Ratio Lower Upper

75 100

77 0.0 26.2 39.2#

39 28.3 43.5 65.3#



#57

1,3-Dichloropropane

Concen: 4.488 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX027088.D

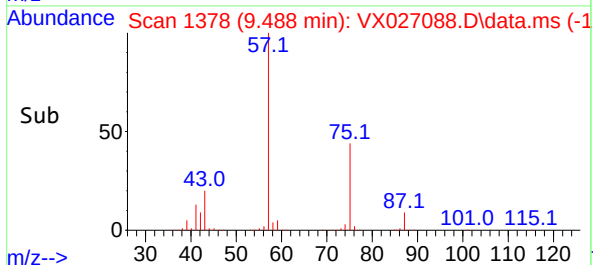
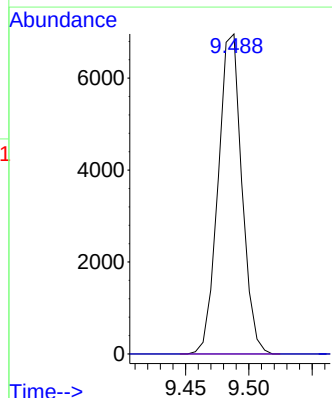
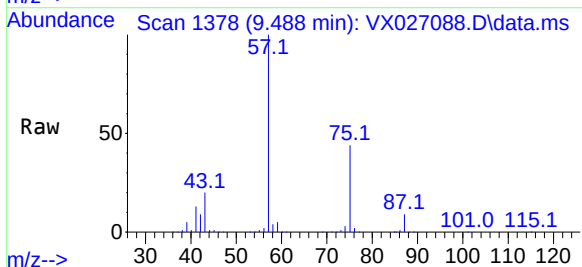
Acq: 17 Feb 2022 19:15

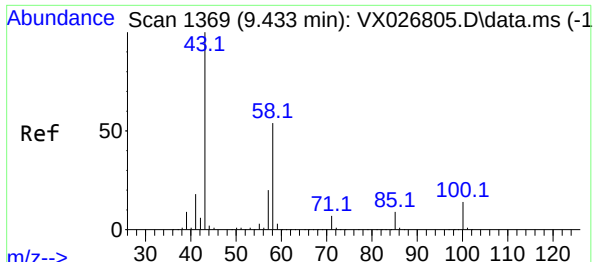
Tgt Ion: 76 Resp: 9075

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#

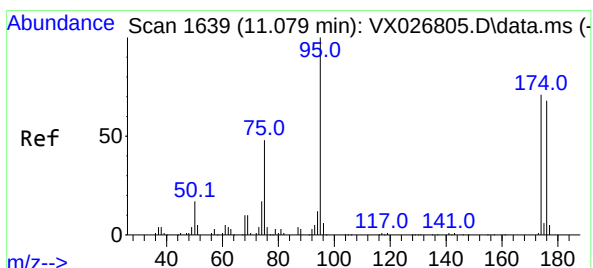
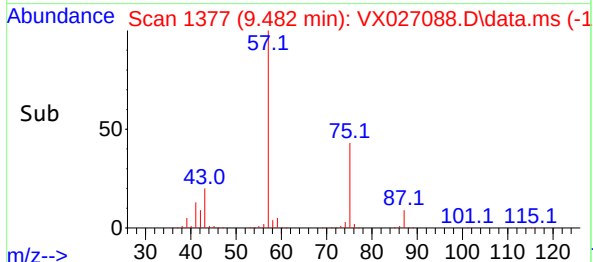
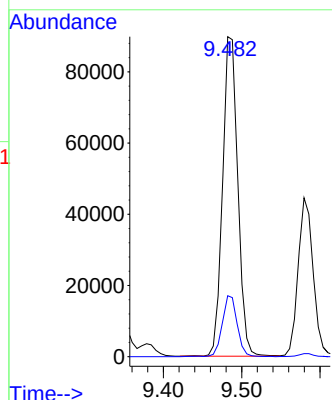
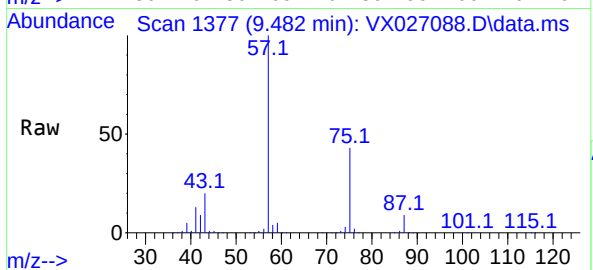




#59
2-Hexanone
Concen: 93.088 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

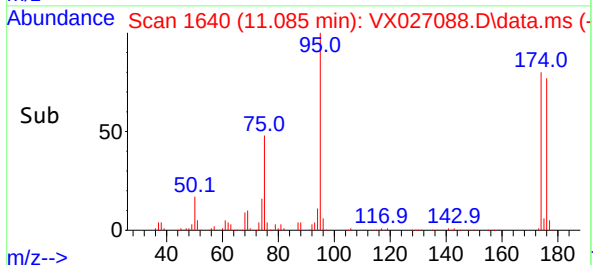
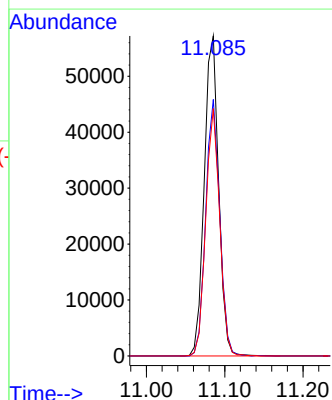
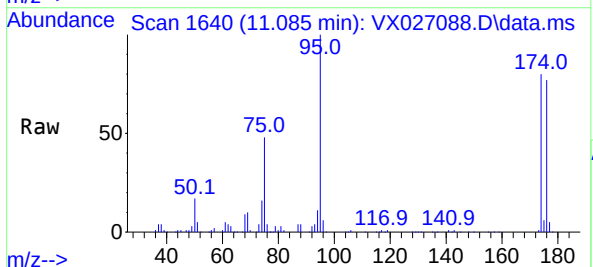
Instrument :
MSVOA_X
ClientSampleId :
TP-1-1-COMP

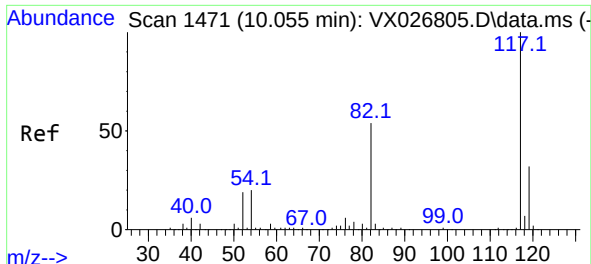
Tgt Ion: 43 Resp: 121610
Ion Ratio Lower Upper
43 100
58 18.7 26.4 79.2#



#62
4-Bromofluorobenzene
Concen: 52.762 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

Tgt Ion: 95 Resp: 72855
Ion Ratio Lower Upper
95 100
174 78.0 0.0 148.6
176 75.0 0.0 141.4

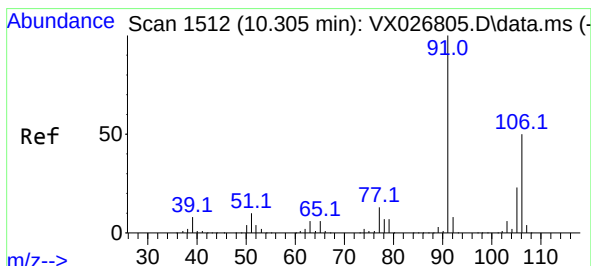
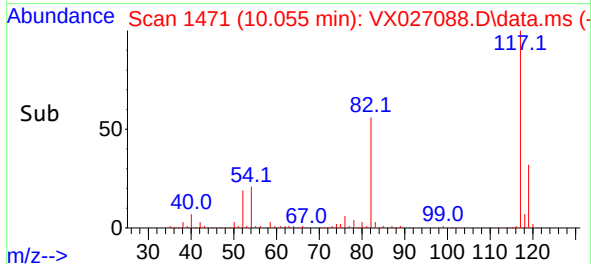
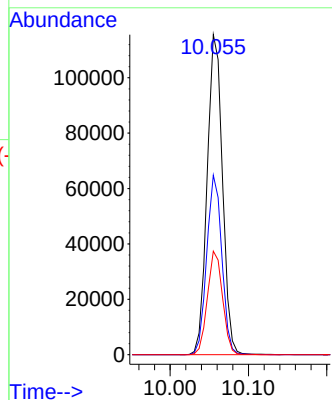
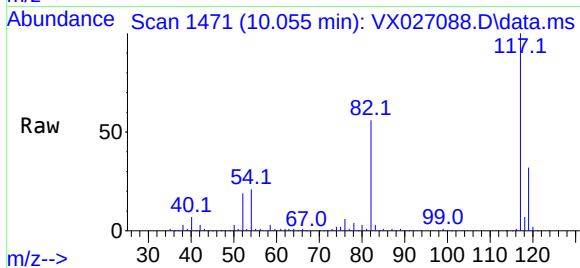




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

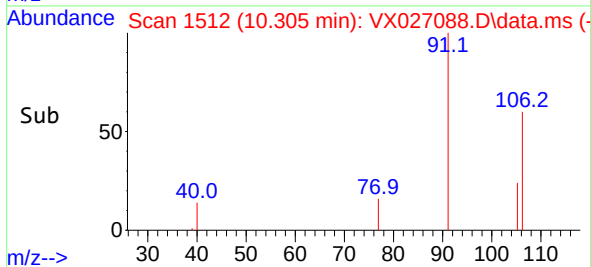
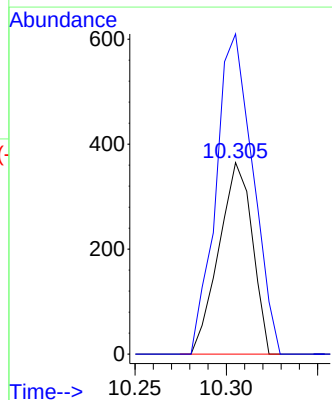
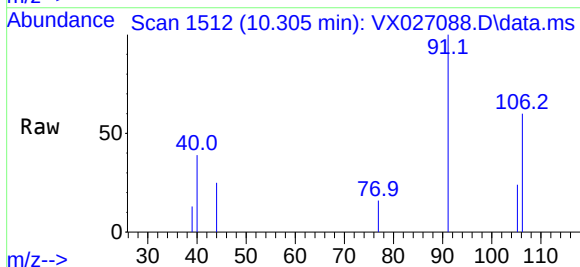
Instrument :
MSVOA_X
ClientSampleId :
TP-1-1-COMP

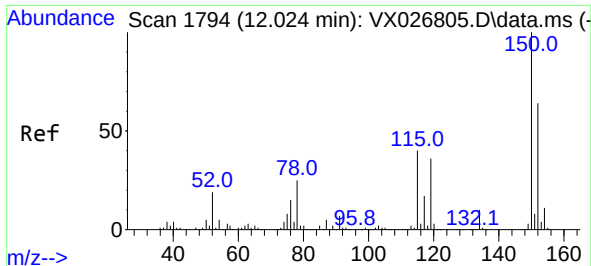
Tgt Ion:117 Resp: 156622
Ion Ratio Lower Upper
117 100
82 56.1 45.2 67.8
119 32.4 26.2 39.2



#68
m/p-Xylenes
Concen: 0.211 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

Tgt Ion:106 Resp: 466
Ion Ratio Lower Upper
106 100
91 184.1 165.3 247.9

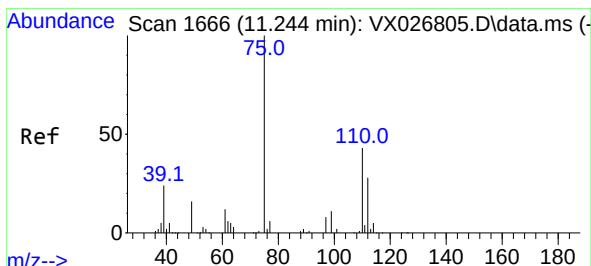
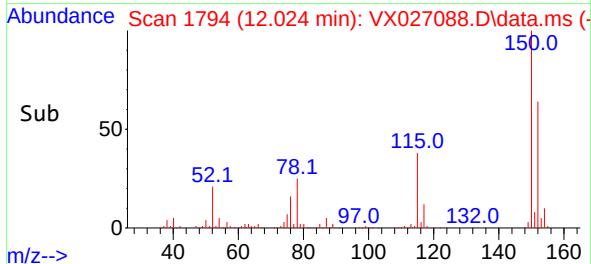
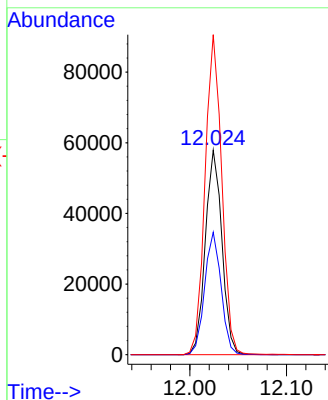
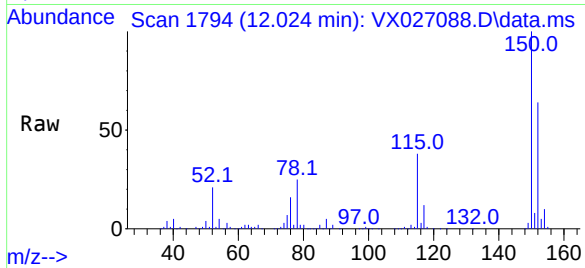




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

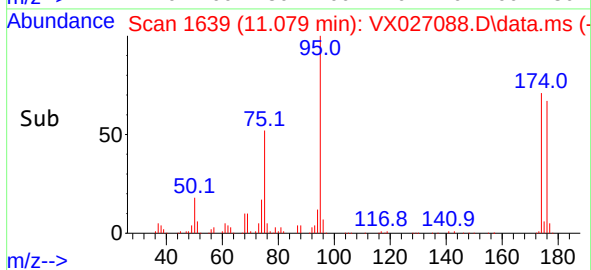
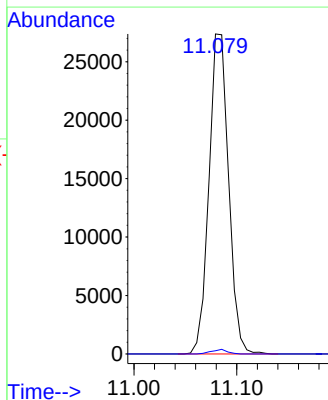
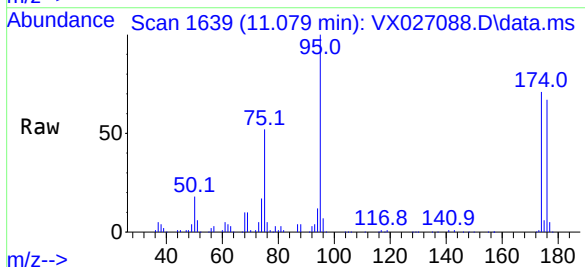
Instrument :
MSVOA_X
ClientSampleId :
TP-1-1-COMP

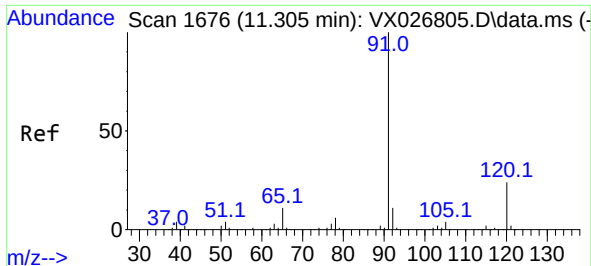
Tgt Ion:152 Resp: 69272
Ion Ratio Lower Upper
152 100
115 59.3 44.2 132.6
150 157.1 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 23.904 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

Tgt Ion: 75 Resp: 36248
Ion Ratio Lower Upper
75 100
77 1.2 18.3 54.8#

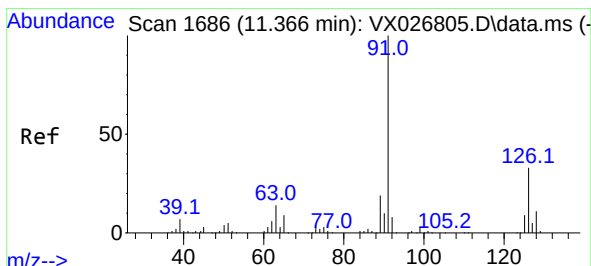
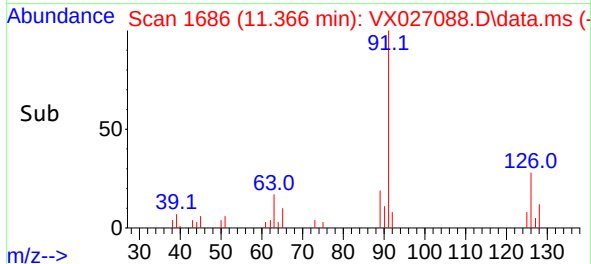
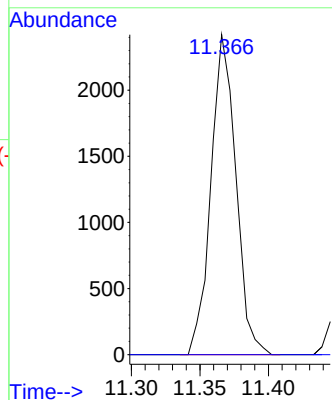
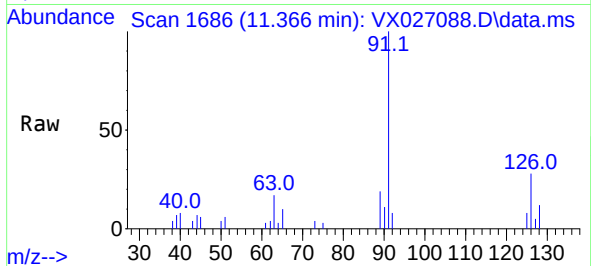




#78
n-propylbenzene
Concen: 0.507 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.061 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

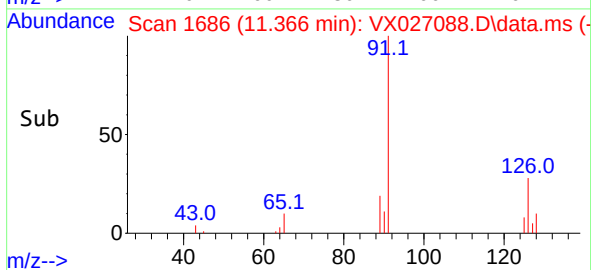
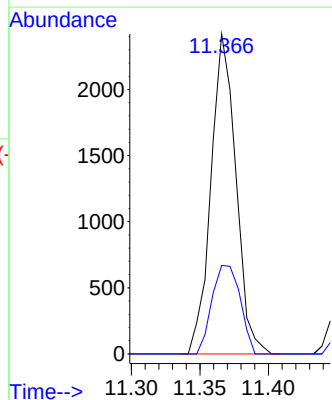
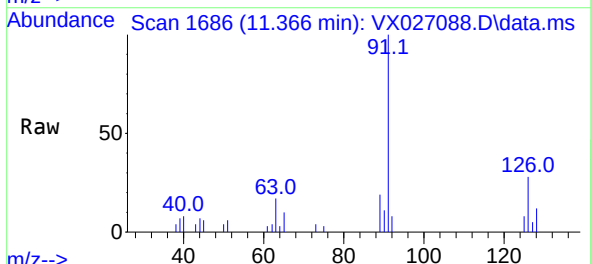
Instrument :
MSVOA_X
ClientSampleId :
TP-1-1-COMP

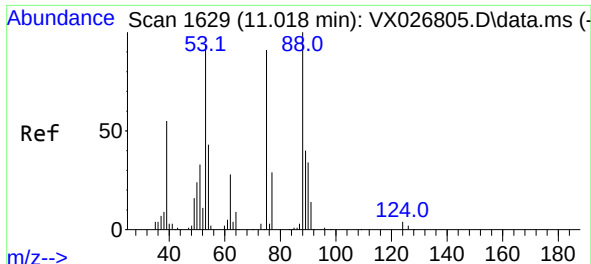
Tgt Ion: 91 Resp: 3067
Ion Ratio Lower Upper
91 100
120 0.0 11.6 34.7#



#79
2-Chlorotoluene
Concen: 0.821 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

Tgt Ion: 91 Resp: 3067
Ion Ratio Lower Upper
91 100
126 31.2 16.4 49.2

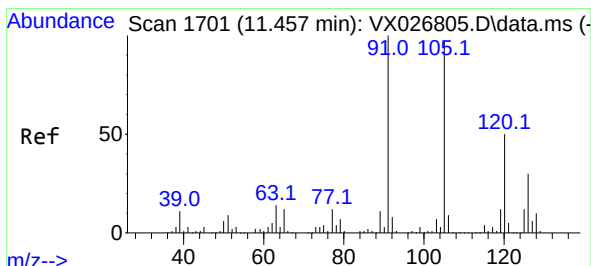
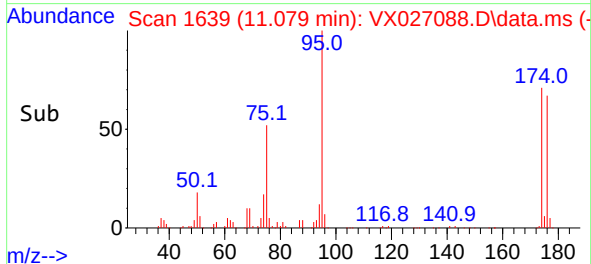
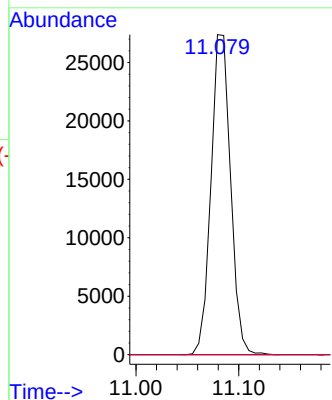
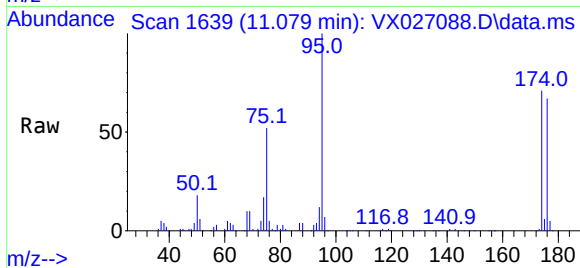




#81
trans-1,4-Dichloro-2-butene
Concen: 73.061 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

Instrument :
MSVOA_X
ClientSampleId :
TP-1-1-COMP

Tgt Ion: 75 Resp: 36248
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#



#82
4-Chlorotoluene
Concen: 0.375 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX027088.D
Acq: 17 Feb 2022 19:15

Tgt Ion: 91 Resp: 1572
Ion Ratio Lower Upper
91 100
126 33.0 14.1 42.4

