

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021722\
 Data File : VX027089.D
 Acq On : 17 Feb 2022 19:39
 Operator : JC/MD
 Sample : N1561-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-COMP

Quant Time: Feb 18 03:55:10 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	5.562	168	107055	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	179242	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	153906	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	68191	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	67918	52.851	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	105.700%
35) Dibromofluoromethane	5.391	113	56437	52.849	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.700%
50) Toluene-d8	8.653	98	203952	52.030	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	104.060%
62) 4-Bromofluorobenzene	11.079	95	71985	52.160	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	104.320%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	82	0.353	ug/l #	75
16) Acetone	2.380	43	4808	8.518	ug/l	93
18) Methyl Acetate	2.703	43	736	0.453	ug/l	98
20) Methylene Chloride	2.794	84	1051	0.859	ug/l	96
25) 2-Butanone	4.574	43	975	1.072	ug/l #	79
31) Cyclohexane	5.562	56	1945	0.953	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	7824	4.644	ug/l #	50
38) Carbon Tetrachloride	5.562	117	10751	6.086	ug/l #	17
43) Isopropyl Acetate	6.349	43	9460	3.211	ug/l	98
48) Methyl methacrylate	7.604	41	2897	1.985	ug/l #	16
49) 1,4-Dioxane	7.793	88	51	2.028	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	31819	17.825	ug/l #	51
54) cis-1,3-Dichloropropene	8.555	75	15334	8.436	ug/l #	55
57) 1,3-Dichloropropane	9.488	76	8451	4.182	ug/l #	43
59) 2-Hexanone	9.488	43	112316	86.021	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	35608	23.854	ug/l #	40
79) 2-Chlorotoluene	11.366	91	1594	0.433	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.079	75	35608	72.916	ug/l #	3
82) 4-Chlorotoluene	11.457	91	901	0.218	ug/l	94

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

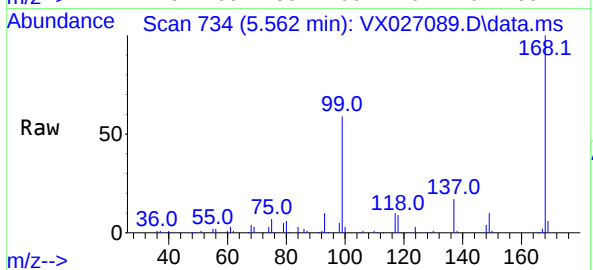
Quant Time: Feb 18 03:55:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020822W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 08 07:07:46 2022
Response via : Initial Calibration



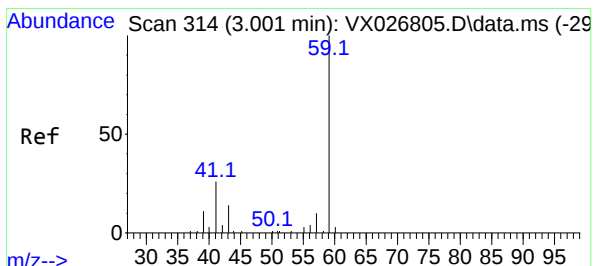
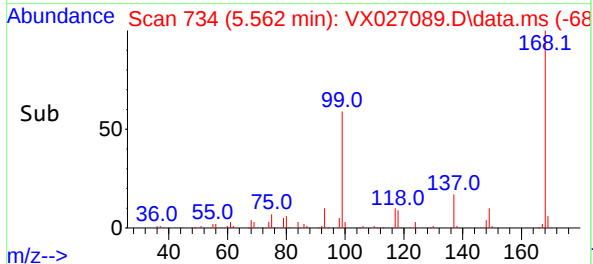
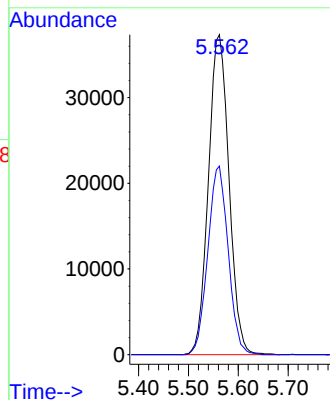


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :
TP-2-COMP

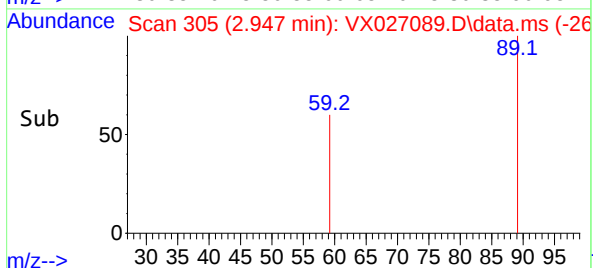
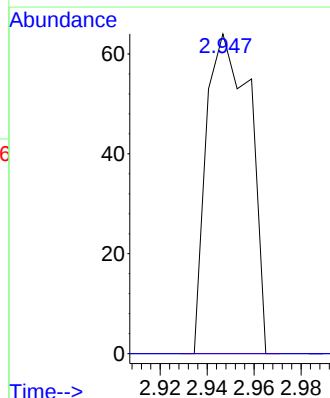
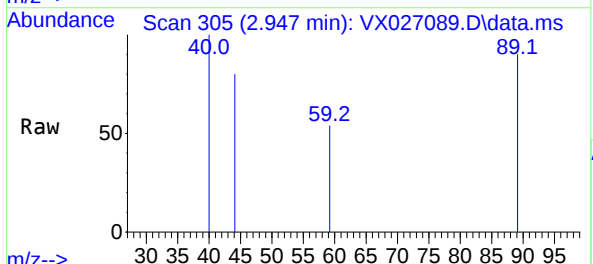


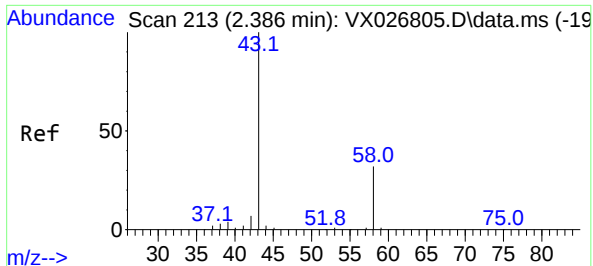
Tgt Ion:168 Resp: 107055
Ion Ratio Lower Upper
168 100
99 59.0 50.3 75.5



#11
Tert butyl alcohol
Concen: 0.353 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.054 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

Tgt Ion: 59 Resp: 82
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#





#16

Acetone

Concen: 8.518 ug/l

RT: 2.380 min Scan# 21

Delta R.T. -0.006 min

Lab File: VX027089.D

Acq: 17 Feb 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

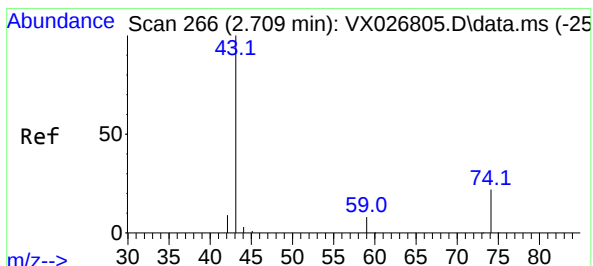
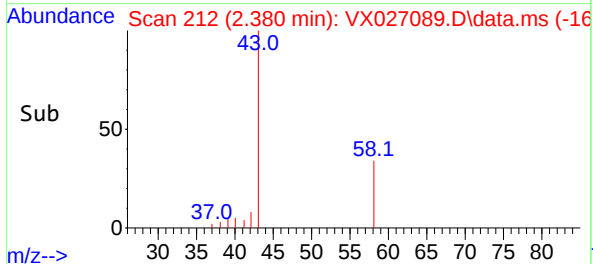
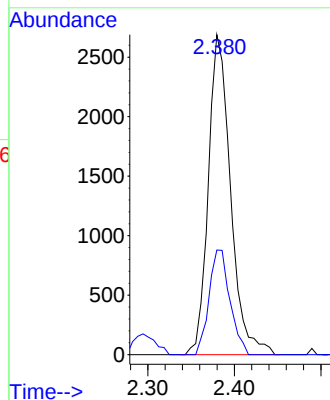
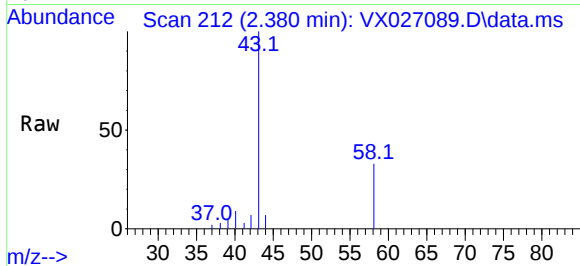
TP-2-COMP

Tgt Ion: 43 Resp: 4808

Ion Ratio Lower Upper

43 100

58 32.7 23.0 34.6



#18

Methyl Acetate

Concen: 0.453 ug/l

RT: 2.703 min Scan# 265

Delta R.T. -0.006 min

Lab File: VX027089.D

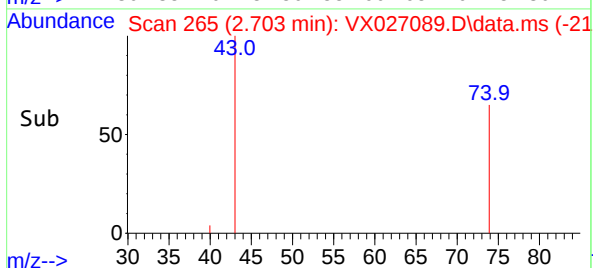
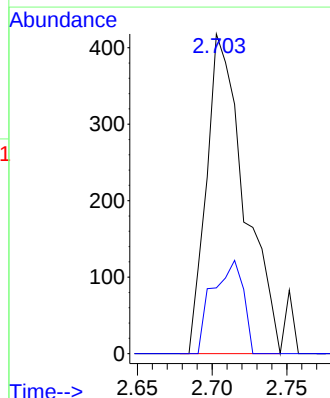
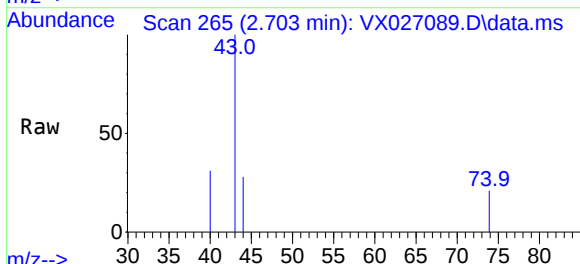
Acq: 17 Feb 2022 19:39

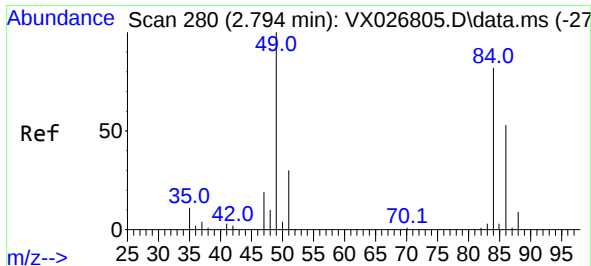
Tgt Ion: 43 Resp: 736

Ion Ratio Lower Upper

43 100

74 23.6 18.3 27.5



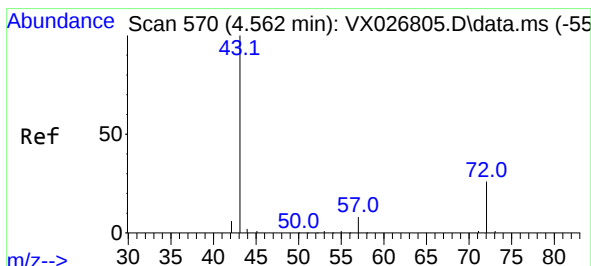
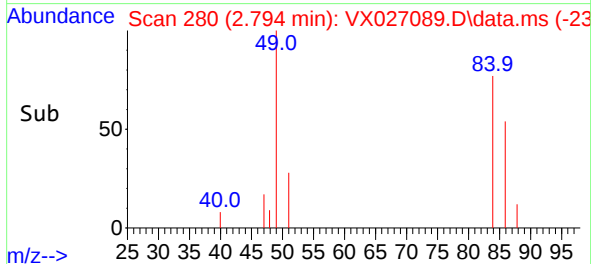
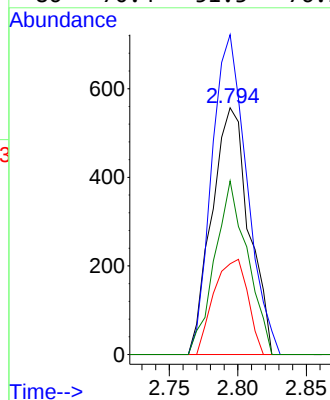
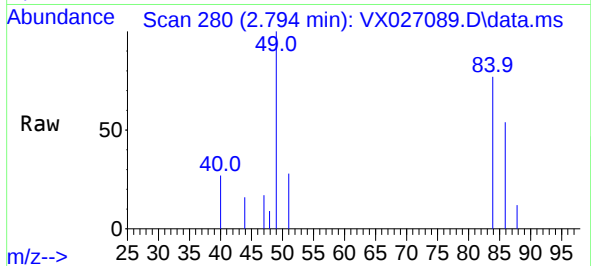


#20
Methylene Chloride
Concen: 0.859 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

Instrument :
MSVOA_X
ClientSampleId :
TP-2-COMP

Tgt Ion: 84 Resp: 1051

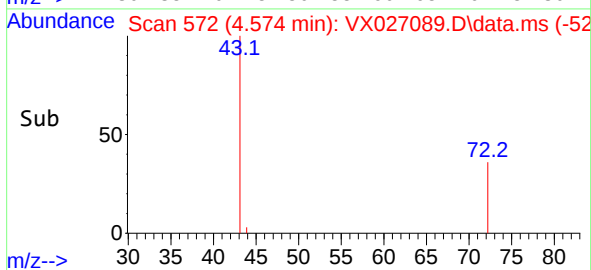
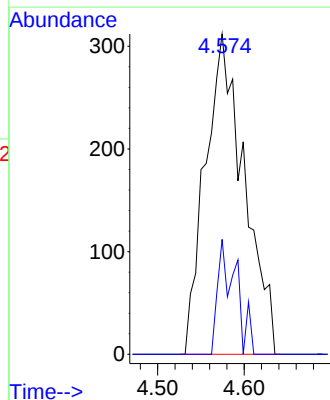
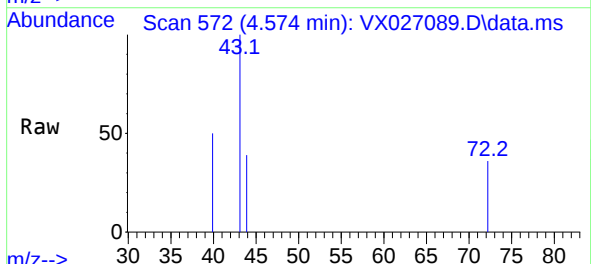
Ion	Ratio	Lower	Upper
84	100		
49	129.6	101.5	152.3
51	36.8	31.2	46.8
86	70.4	51.3	76.9

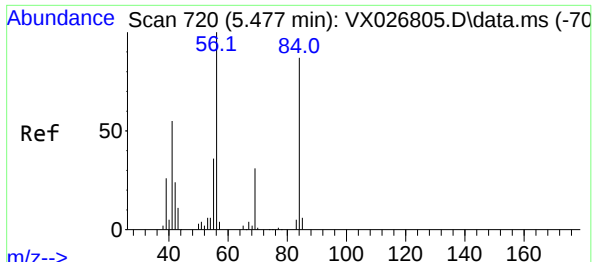


#25
2-Butanone
Concen: 1.072 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

Tgt Ion: 43 Resp: 975

Ion	Ratio	Lower	Upper
43	100		
72	35.9	20.4	30.6#

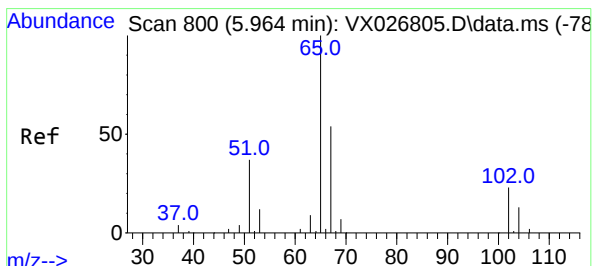
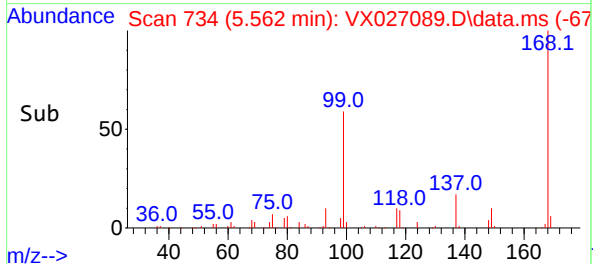
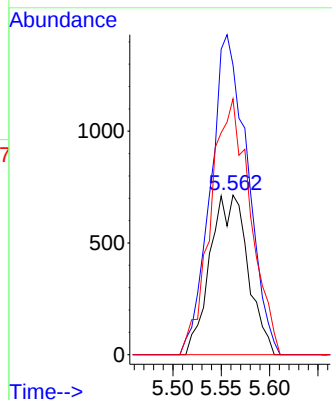
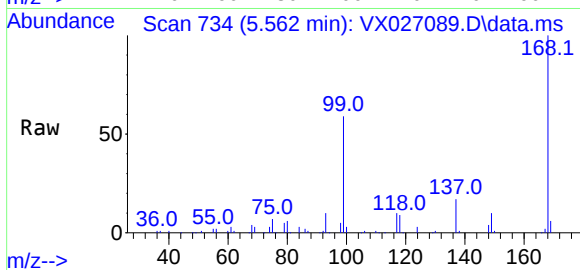




#31
Cyclohexane
Concen: 0.953 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.086 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

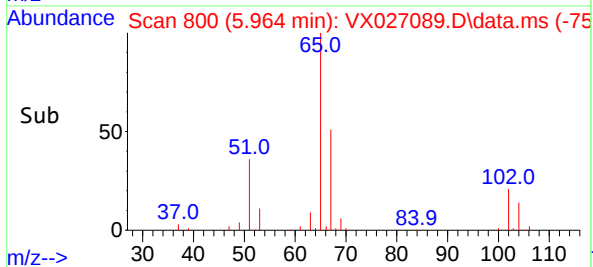
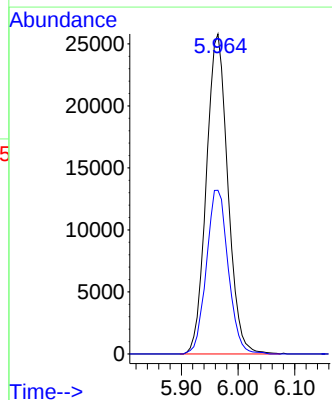
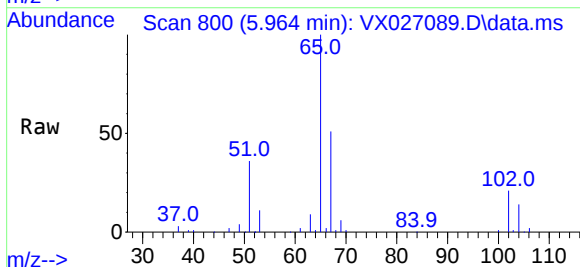
Instrument :
MSVOA_X
ClientSampleId :
TP-2-COMP

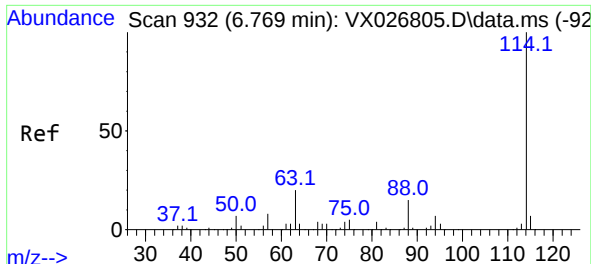
Tgt Ion: 56 Resp: 1945
Ion Ratio Lower Upper
56 100
69 181.7 25.8 38.6#
84 160.4 68.9 103.3#



#33
1,2-Dichloroethane-d4
Concen: 52.851 ug/l
RT: 5.964 min Scan# 800
Delta R.T. 0.000 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

Tgt Ion: 65 Resp: 67918
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.8

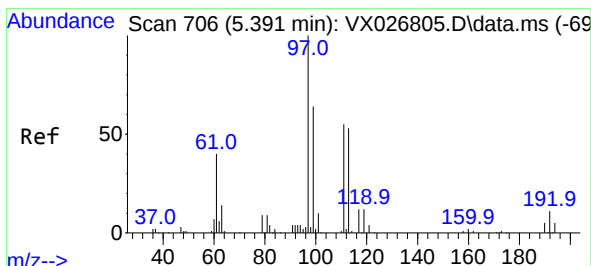
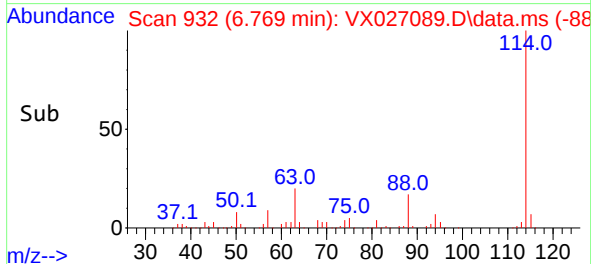
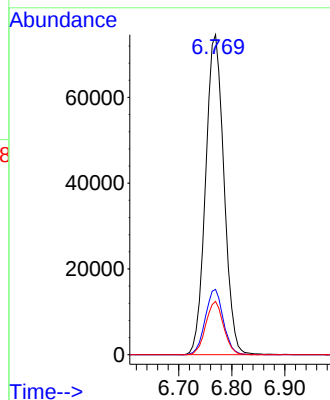
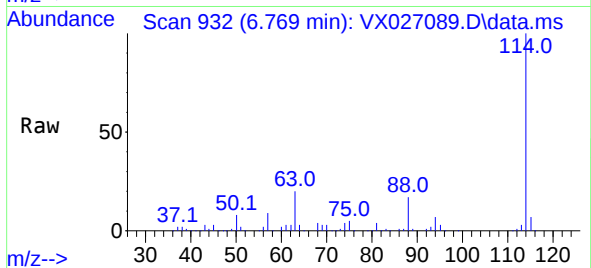




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

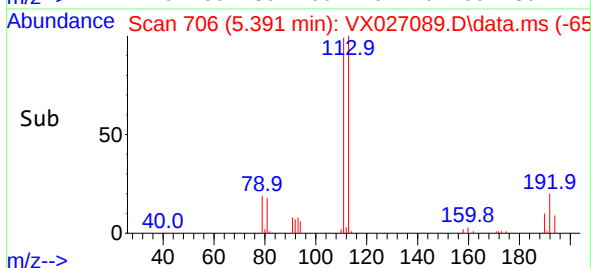
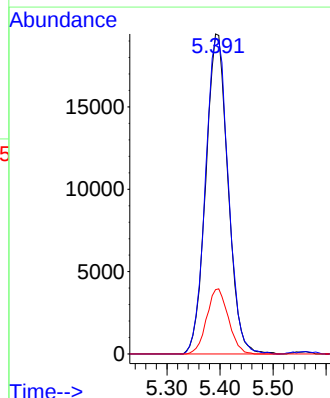
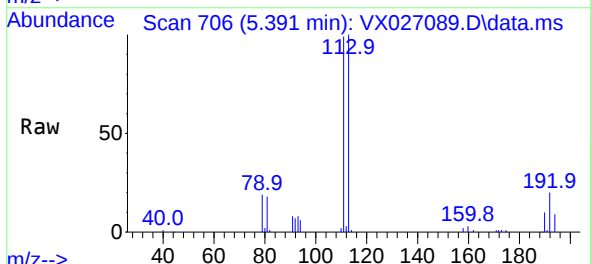
Instrument :
MSVOA_X
ClientSampleId :
TP-2-COMP

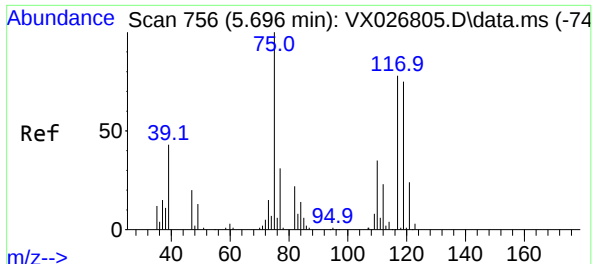
Tgt Ion:114 Resp: 179242
Ion Ratio Lower Upper
114 100
63 20.4 0.0 42.8
88 16.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 52.849 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

Tgt Ion:113 Resp: 56437
Ion Ratio Lower Upper
113 100
111 101.6 81.2 121.8
192 19.8 15.0 22.4

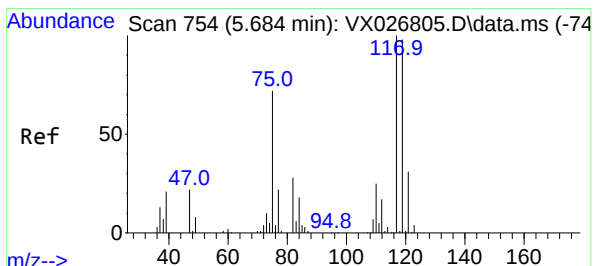
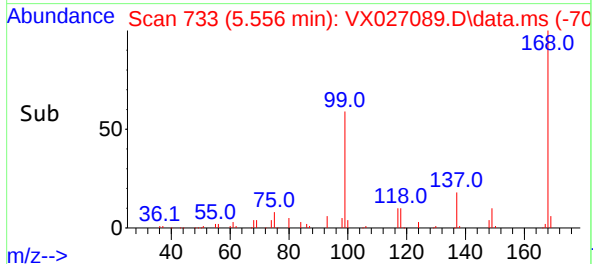
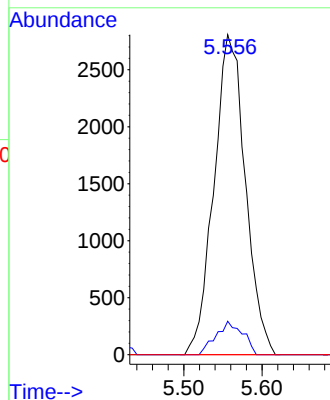
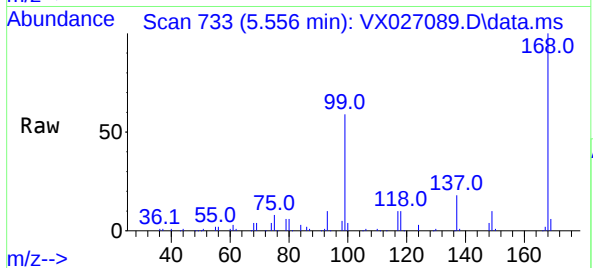




#36
1,1-Dichloropropene
Concen: 4.644 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

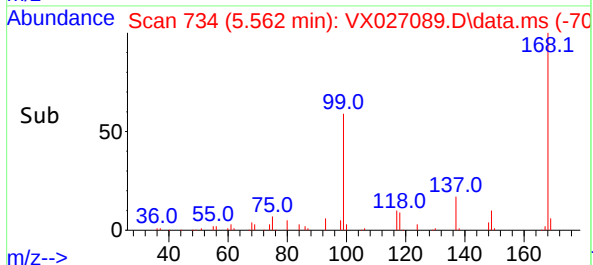
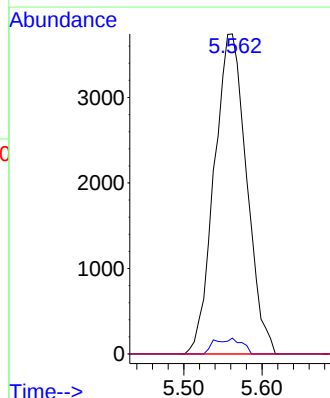
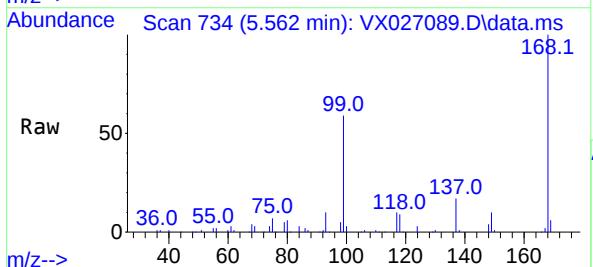
Instrument :
MSVOA_X
ClientSampleId :
TP-2-COMP

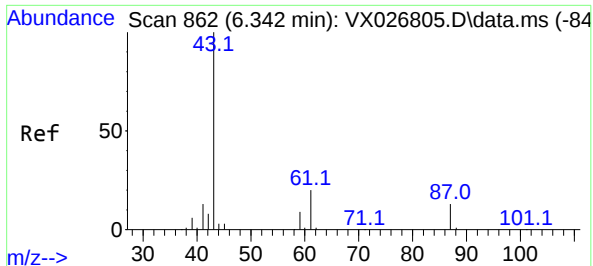
Tgt Ion: 75 Resp: 7824
Ion Ratio Lower Upper
75 100
110 8.9 17.2 51.6#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 6.086 ug/l
RT: 5.562 min Scan# 734
Delta R.T. -0.122 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

Tgt Ion: 117 Resp: 10751
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.4 38.0#

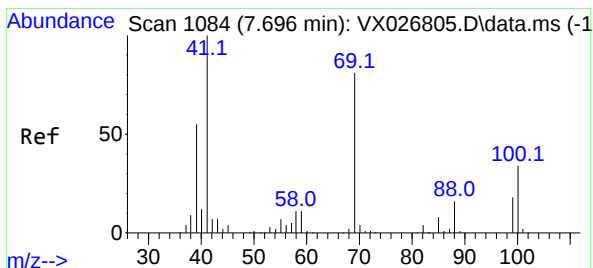
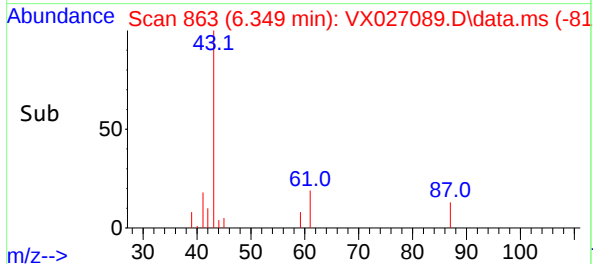
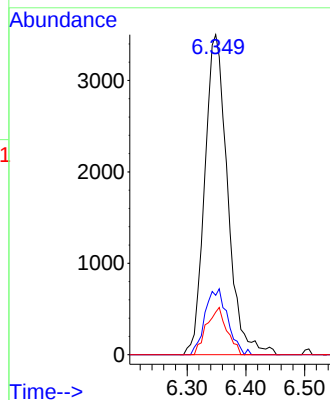
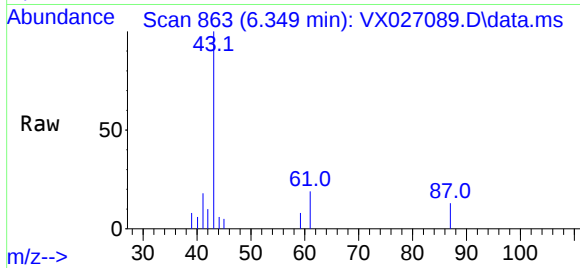




#43
Isopropyl Acetate
Concen: 3.211 ug/l
RT: 6.349 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

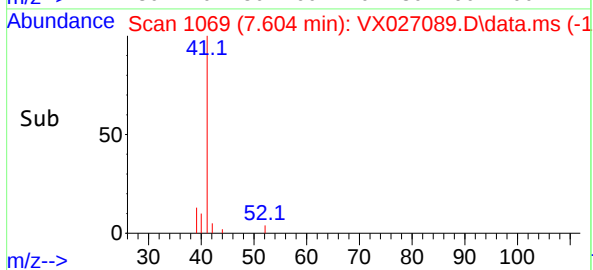
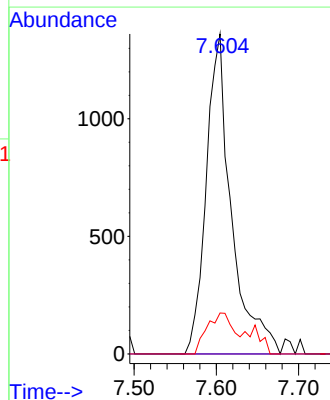
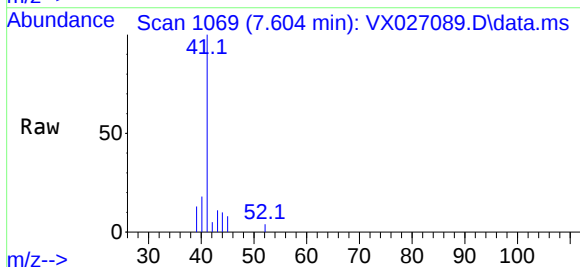
Instrument :
MSVOA_X
ClientSampleId :
TP-2-COMP

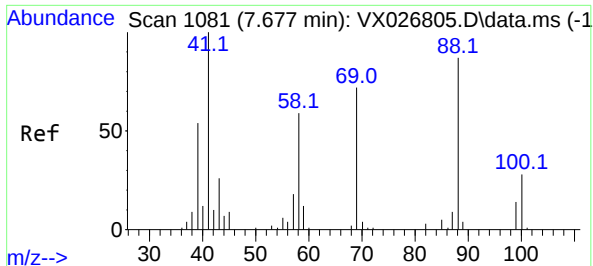
Tgt Ion: 43 Resp: 9460
Ion Ratio Lower Upper
43 100
61 20.3 15.4 23.0
87 13.1 10.2 15.2



#48
Methyl methacrylate
Concen: 1.985 ug/l
RT: 7.604 min Scan# 1069
Delta R.T. -0.091 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

Tgt Ion: 41 Resp: 2897
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: 2.028 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.116 min

Lab File: VX027089.D

Acq: 17 Feb 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

TP-2-COMP

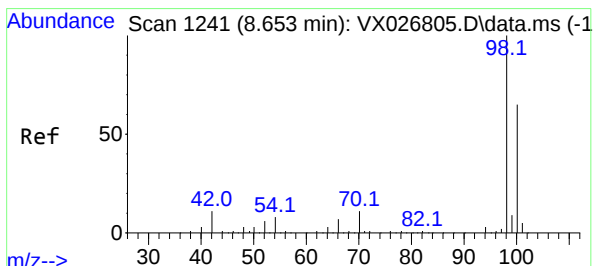
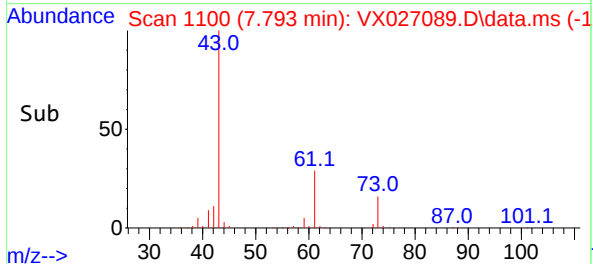
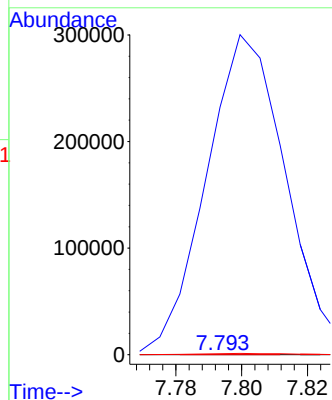
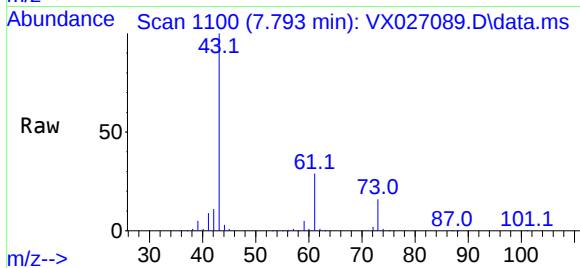
Tgt Ion: 88 Resp: 51

Ion Ratio Lower Upper

88 100

43 1003351.0 29.9 44.9#

58 4133.3 57.8 86.6#



#50

Toluene-d8

Concen: 52.030 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX027089.D

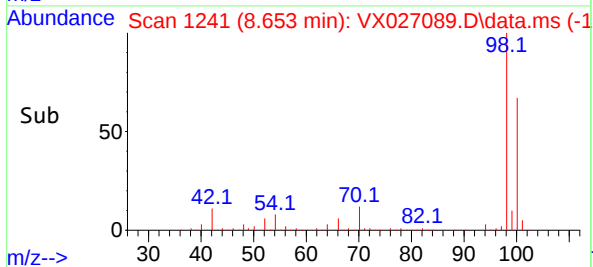
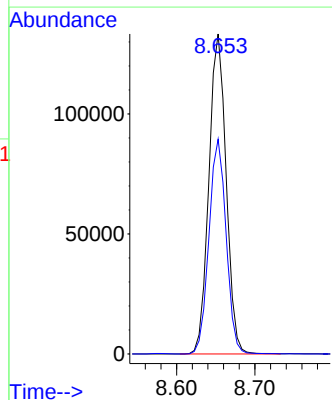
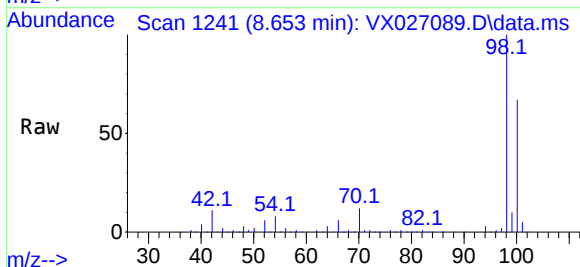
Acq: 17 Feb 2022 19:39

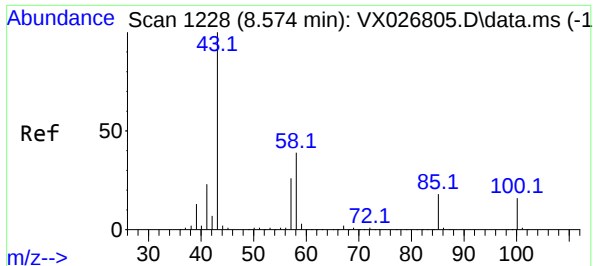
Tgt Ion: 98 Resp: 203952

Ion Ratio Lower Upper

98 100

100 66.8 53.2 79.8

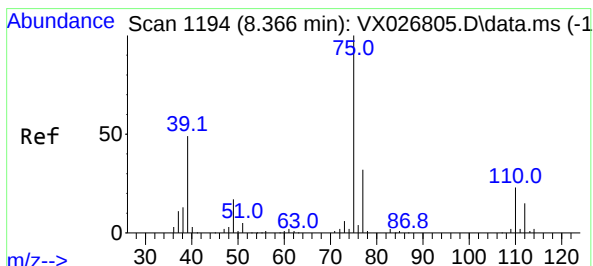
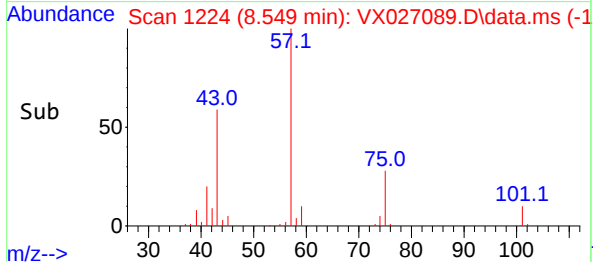
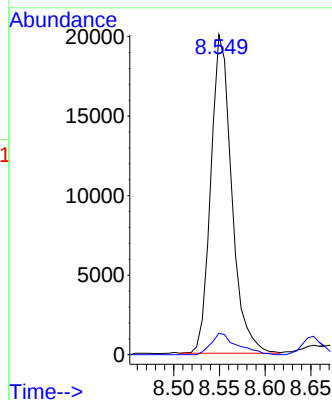
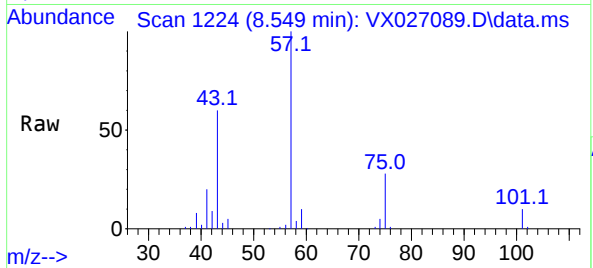




#51
4-Methyl-2-Pentanone
Concen: 17.825 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

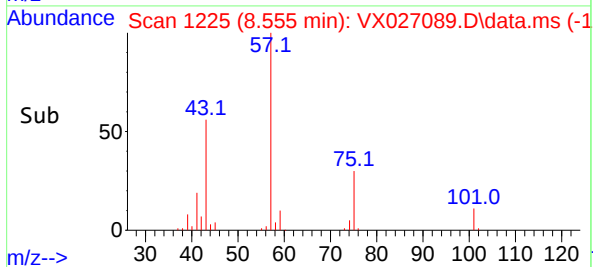
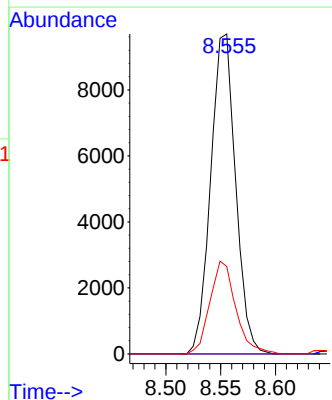
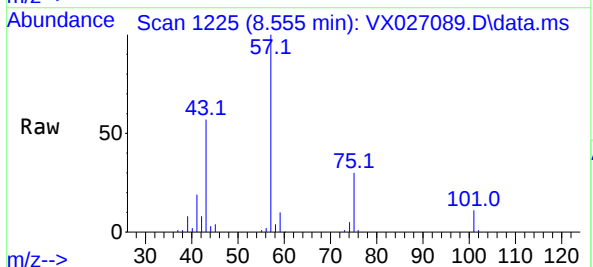
Instrument :
MSVOA_X
ClientSampleId :
TP-2-COMP

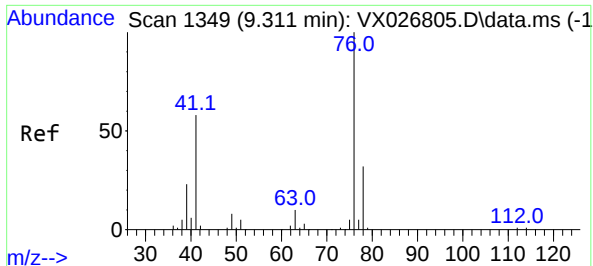
Tgt Ion: 43 Resp: 31819
Ion Ratio Lower Upper
43 100
58 8.2 30.5 45.7#



#54
cis-1,3-Dichloropropene
Concen: 8.436 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.189 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

Tgt Ion: 75 Resp: 15334
Ion Ratio Lower Upper
75 100
77 0.0 26.2 39.2#
39 27.4 43.5 65.3#





#57

1,3-Dichloropropane

Concen: 4.182 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.177 min

Lab File: VX027089.D

Acq: 17 Feb 2022 19:39

Instrument :

MSVOA_X

ClientSampleId :

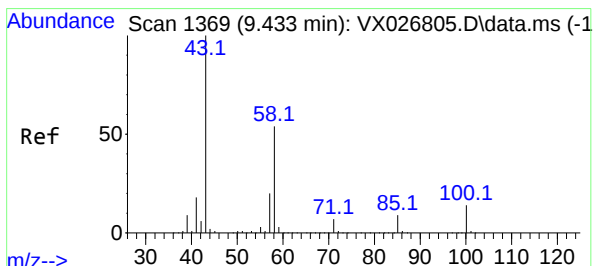
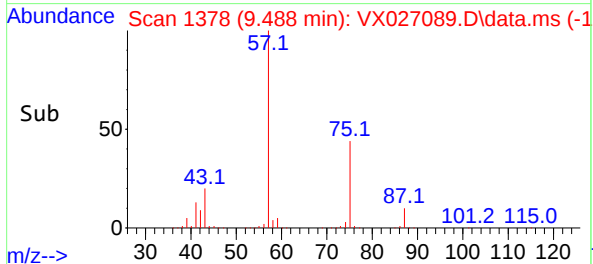
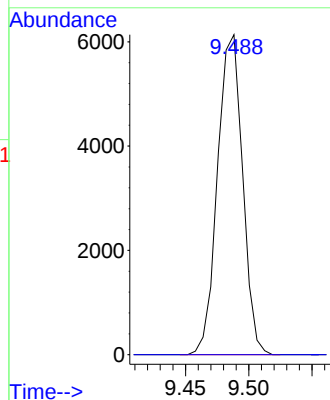
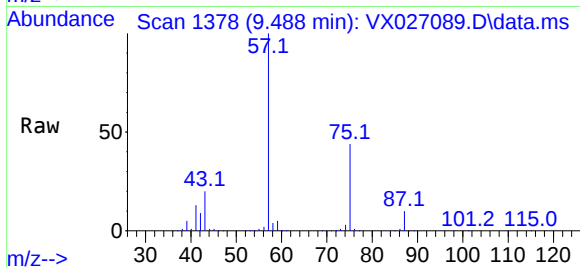
TP-2-COMP

Tgt Ion: 76 Resp: 8451

Ion Ratio Lower Upper

76 100

78 0.0 25.7 38.5#



#59

2-Hexanone

Concen: 86.021 ug/l

RT: 9.488 min Scan# 1378

Delta R.T. 0.055 min

Lab File: VX027089.D

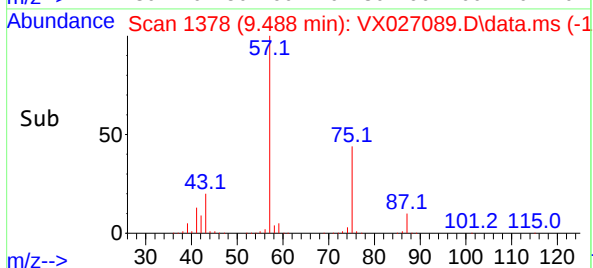
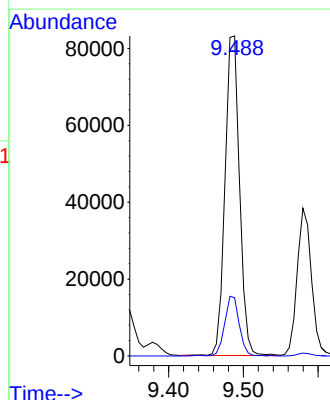
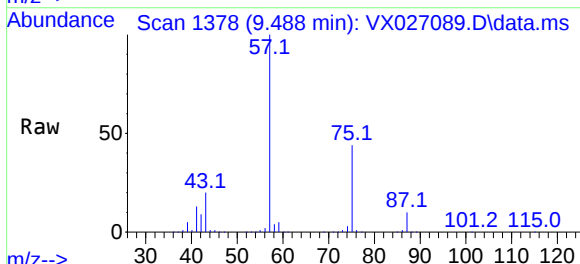
Acq: 17 Feb 2022 19:39

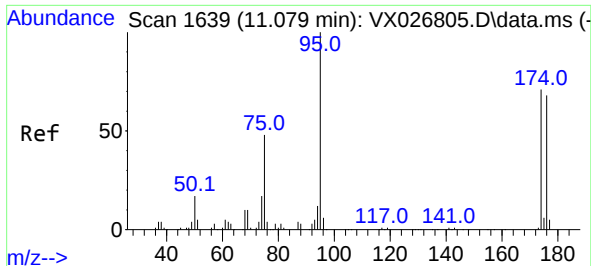
Tgt Ion: 43 Resp: 112316

Ion Ratio Lower Upper

43 100

58 18.7 26.4 79.2#

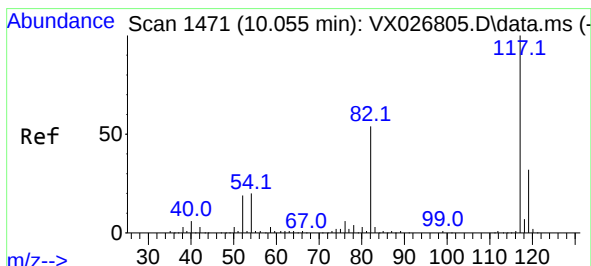
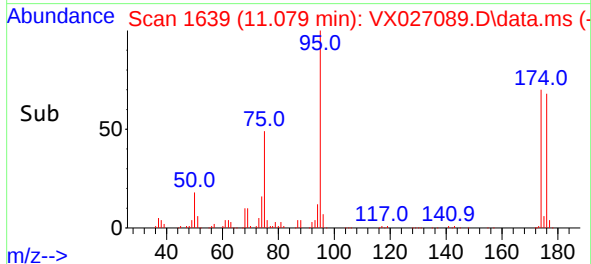
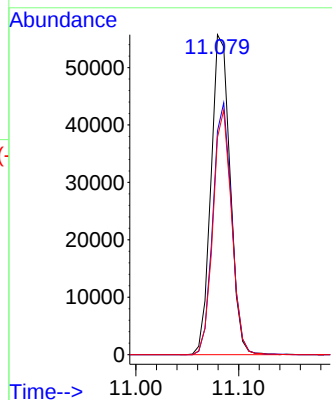
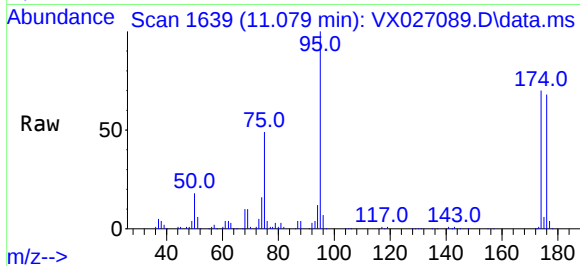




#62
4-Bromofluorobenzene
Concen: 52.160 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

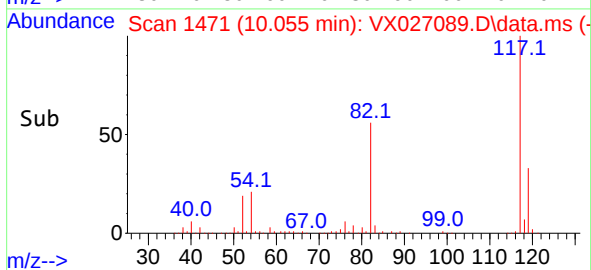
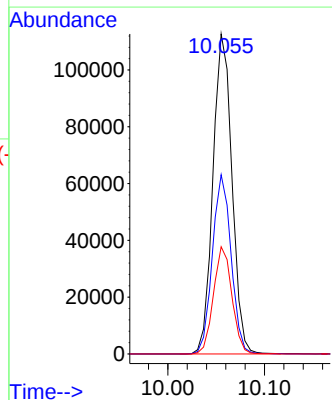
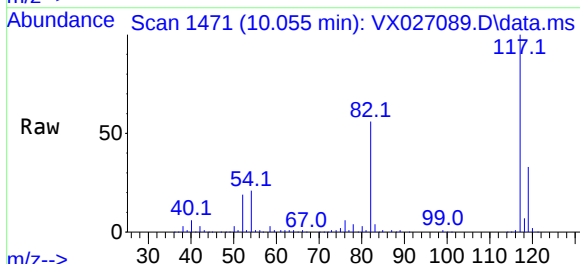
Instrument :
MSVOA_X
ClientSampleId :
TP-2-COMP

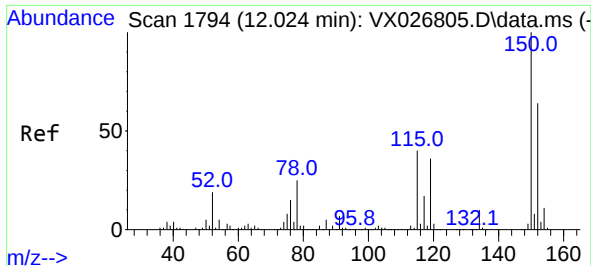
Tgt Ion: 95 Resp: 71985
Ion Ratio Lower Upper
95 100
174 76.9 0.0 148.6
176 74.4 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

Tgt Ion: 117 Resp: 153906
Ion Ratio Lower Upper
117 100
82 56.0 45.2 67.8
119 33.5 26.2 39.2

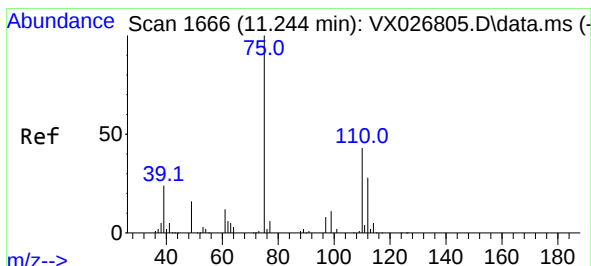
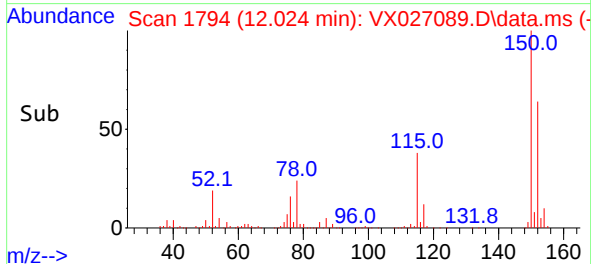
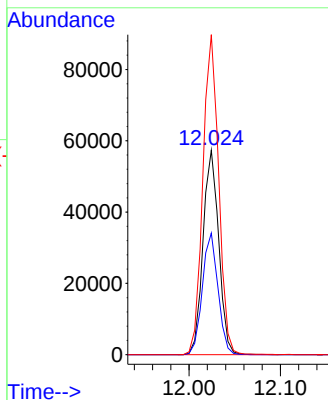
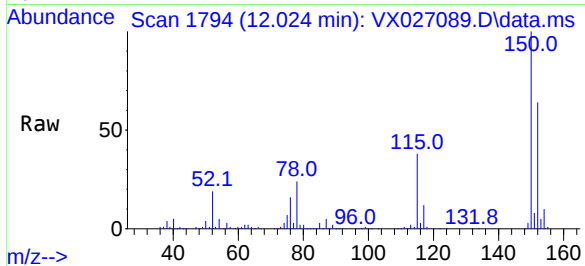




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

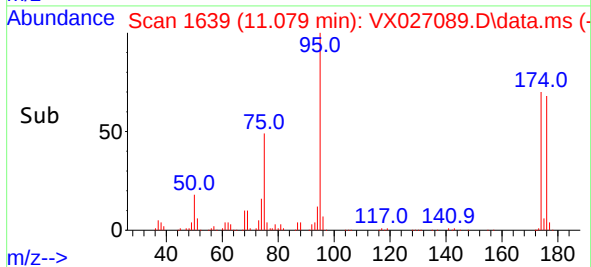
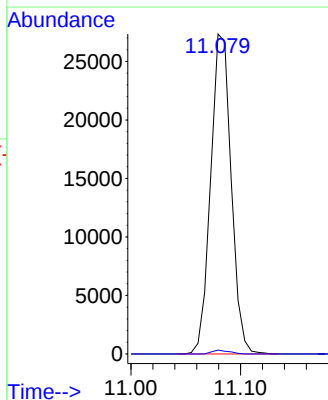
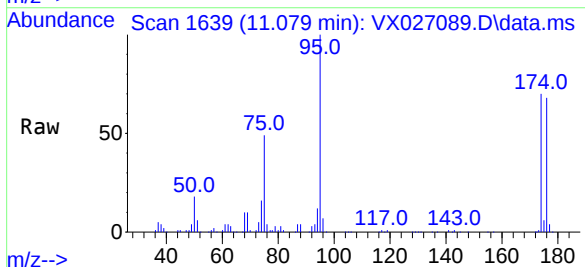
Instrument :
MSVOA_X
ClientSampleId :
TP-2-COMP

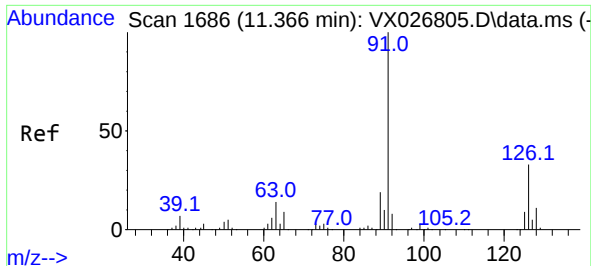
Tgt Ion:152 Resp: 68191
Ion Ratio Lower Upper
152 100
115 59.2 44.2 132.6
150 157.7 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 23.854 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

Tgt Ion: 75 Resp: 35608
Ion Ratio Lower Upper
75 100
77 1.0 18.3 54.8#

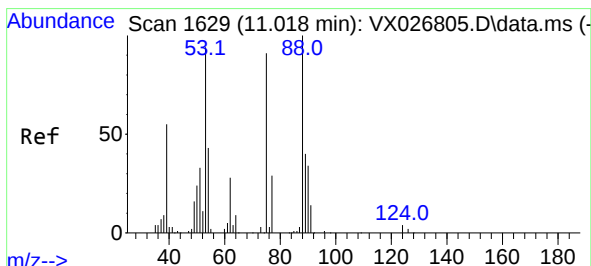
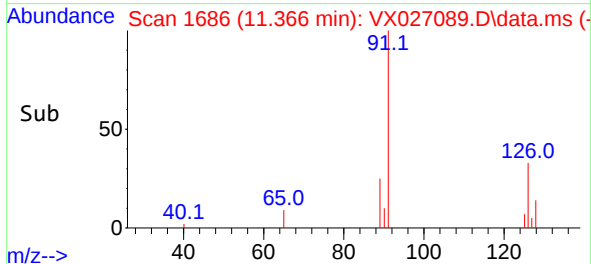
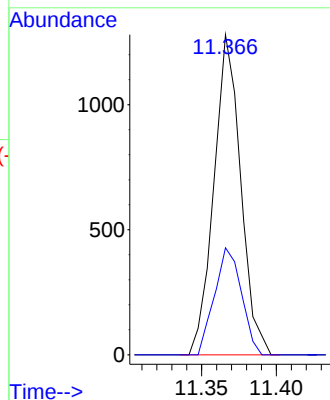
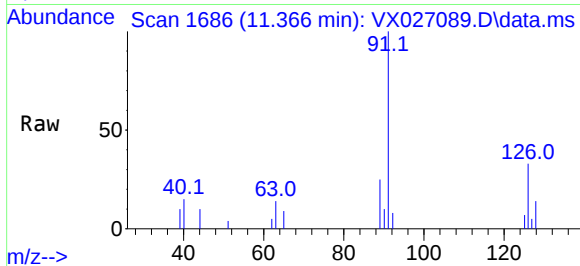




#79
2-Chlorotoluene
Concen: 0.433 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

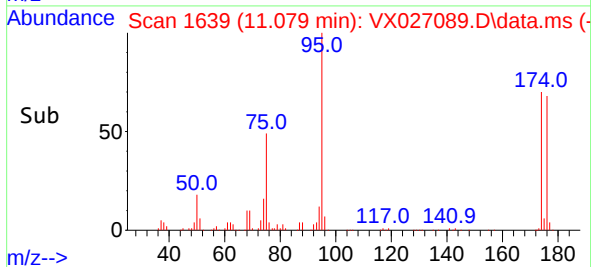
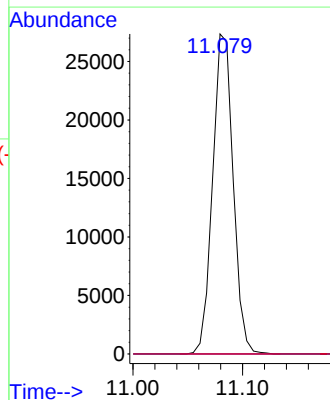
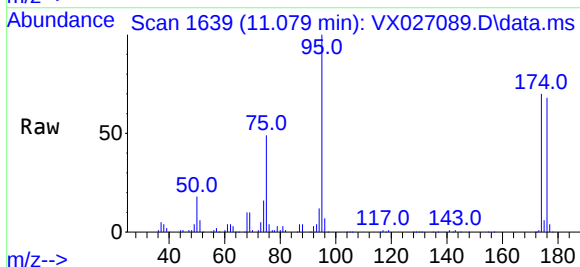
Instrument :
MSVOA_X
ClientSampleId :
TP-2-COMP

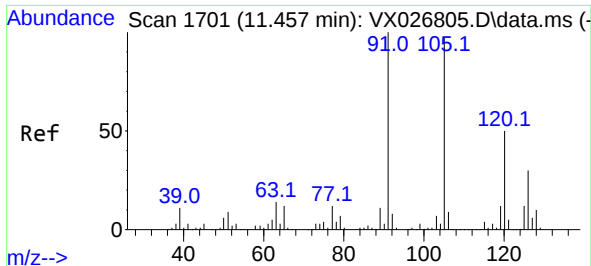
Tgt Ion: 91 Resp: 1594
Ion Ratio Lower Upper
91 100
126 33.5 16.4 49.2



#81
trans-1,4-Dichloro-2-butene
Concen: 72.916 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX027089.D
Acq: 17 Feb 2022 19:39

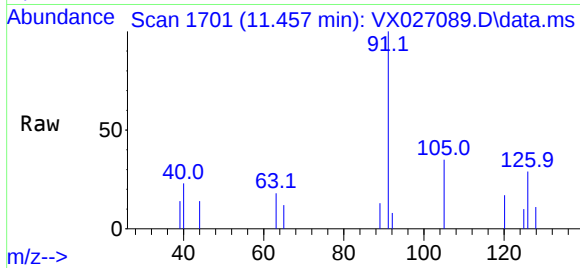
Tgt Ion: 75 Resp: 35608
Ion Ratio Lower Upper
75 100
53 0.0 94.0 141.0#
89 0.0 37.0 55.4#





#82
 4-Chlorotoluene
 Concen: 0.218 ug/l
 RT: 11.457 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX027089.D
 Acq: 17 Feb 2022 19:39

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2-COMP



Tgt Ion: 91 Resp: 901
 Ion Ratio Lower Upper
 91 100
 126 31.3 14.1 42.4

