

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
 Data File : VX031466.D
 Acq On : 19 Sep 2022 17:39
 Operator : JC/MD
 Sample : N4509-13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S1-SO_116D-20220902

Quant Time: Sep 20 09:49:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

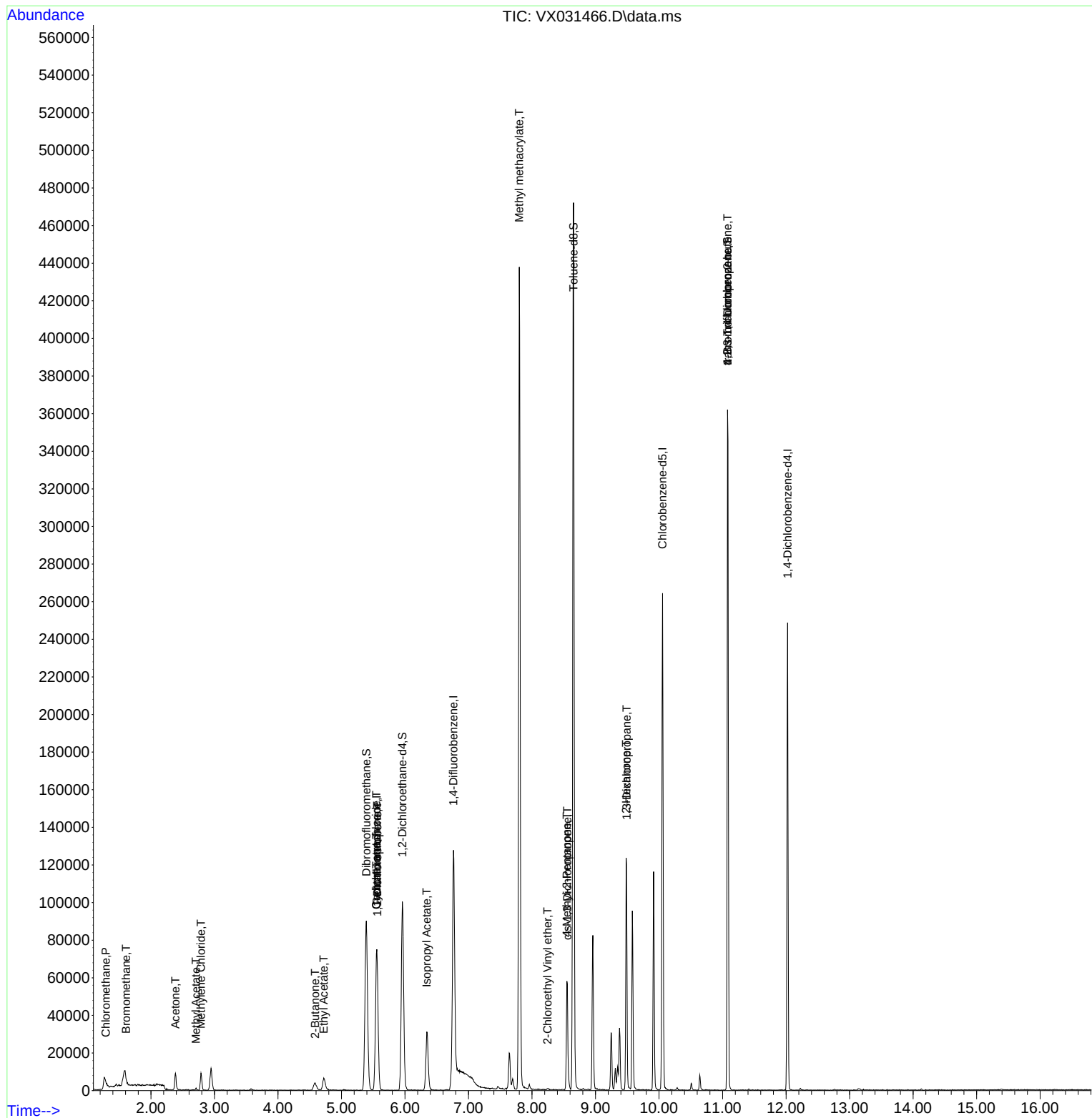
Internal Standards						
1) Pentafluorobenzene	5.556	168	72829	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	119508	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	110503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	47845	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88413	66.426	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 132.860%#	
35) Dibromofluoromethane	5.391	113	73000	59.232	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.460%	
50) Toluene-d8	8.653	98	268462	56.384	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 112.760%	
62) 4-Bromofluorobenzene	11.079	95	83214	51.596	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.200%	
Target Compounds						Qvalue
3) Chloromethane	1.288	50	379	0.273	ug/l #	41
5) Bromomethane	1.605	94	756	0.335	ug/l	96
6) Chloroethane	1.679	64	24	Below Cal	#	43
11) Tert butyl alcohol	2.947	59	6737	Below Cal	#	76
13) Acrolein	2.239	56	27	Below Cal	#	15
16) Acetone	2.386	43	9368	4.312	ug/l #	85
18) Methyl Acetate	2.709	43	1088	0.545	ug/l #	84
20) Methylene Chloride	2.788	84	3586	0.700	ug/l	94
25) 2-Butanone	4.587	43	1753	1.700	ug/l #	85
31) Cyclohexane	5.550	56	1842	0.930	ug/l #	18
36) 1,1-Dichloropropene	5.562	75	5708	3.005	ug/l #	48
37) Ethyl Acetate	4.721	43	11318	4.994	ug/l	99
38) Carbon Tetrachloride	5.550	117	7153	3.397	ug/l #	16
43) Isopropyl Acetate	6.342	43	42064	12.077	ug/l	99
48) Methyl methacrylate	7.799	41	38247	24.036	ug/l #	48
51) 4-Methyl-2-Pentanone	8.549	43	21848	9.752	ug/l #	51
54) cis-1,3-Dichloropropene	8.555	75	9434	4.043	ug/l #	63
57) 1,3-Dichloropropane	9.488	76	1220	0.488	ug/l #	43
58) 2-Chloroethyl Vinyl ether	8.244	63	300	0.506	ug/l #	87
59) 2-Hexanone	9.482	43	14685	8.728	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	11.085	83	75	Below Cal	#	5
76) 1,2,3-Trichloropropane	11.079	75	48220	45.156	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	48220	145.396	ug/l #	11

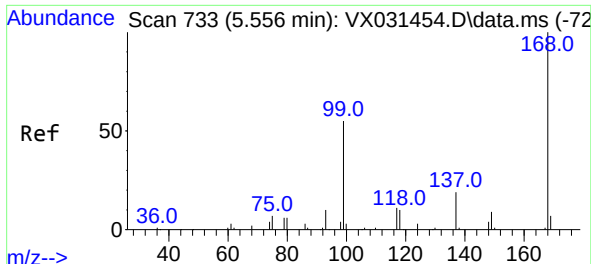
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091922\
Data File : VX031466.D
Acq On : 19 Sep 2022 17:39
Operator : JC/MD
Sample : N4509-13
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

Quant Time: Sep 20 09:49:23 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration

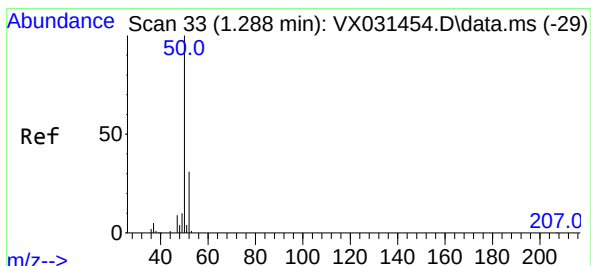
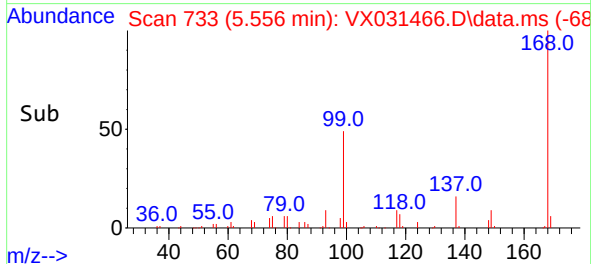
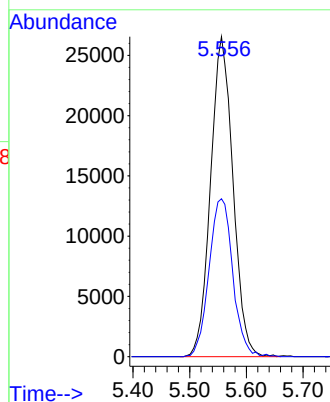
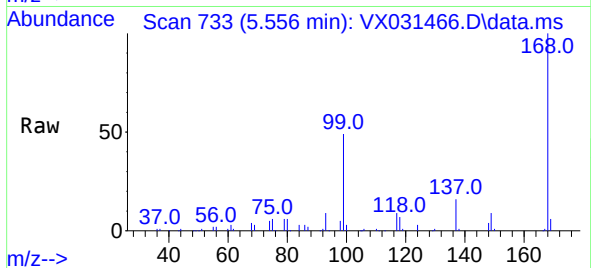




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

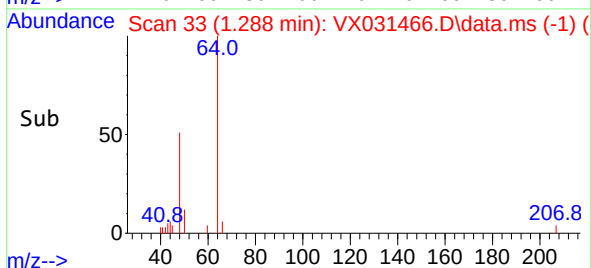
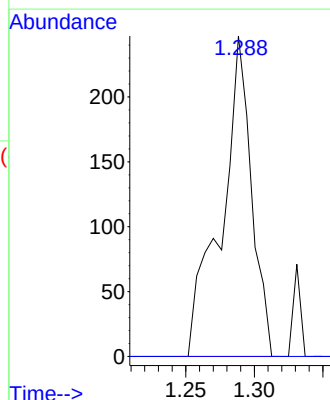
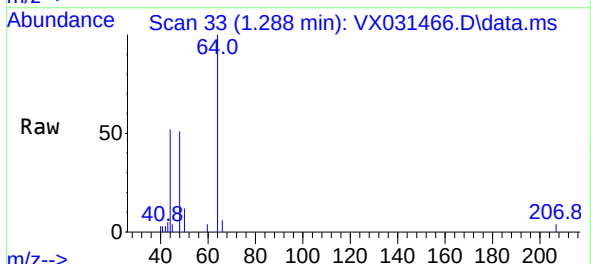
Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

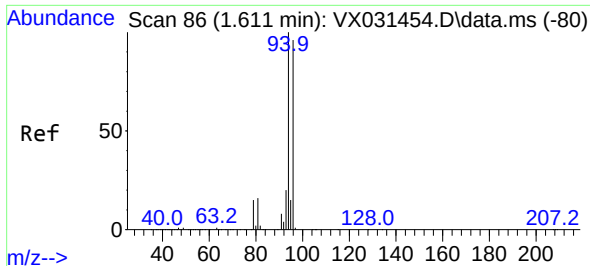
Tgt Ion:168 Resp: 72829
Ion Ratio Lower Upper
168 100
99 49.4 48.8 73.2



#3
Chloromethane
Concen: 0.273 ug/l
RT: 1.288 min Scan# 33
Delta R.T. 0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

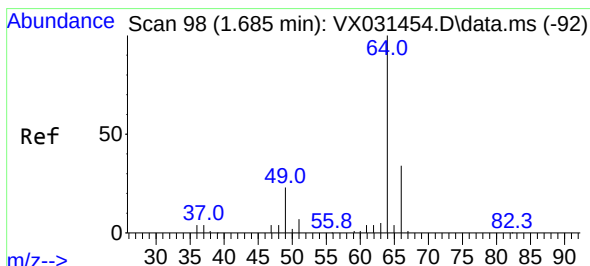
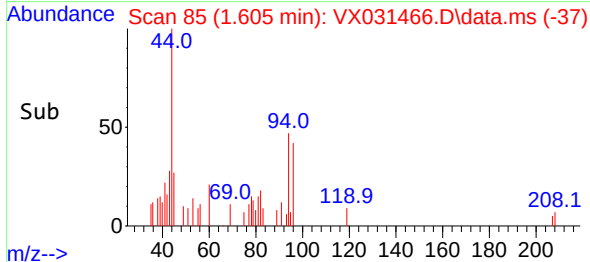
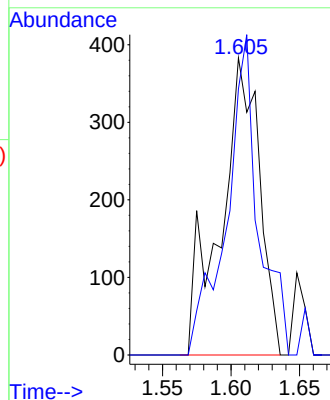
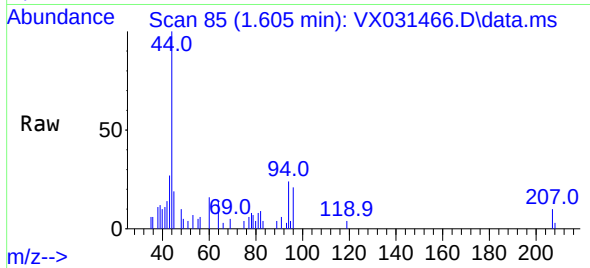




#5
Bromomethane
Concen: 0.335 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

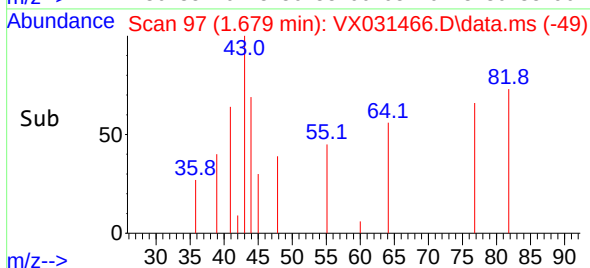
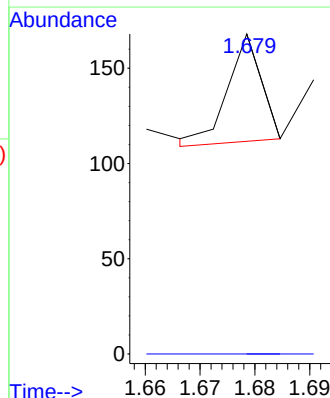
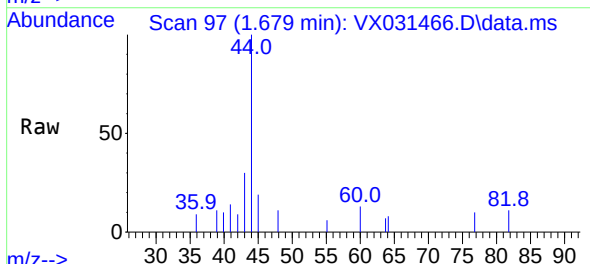
Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

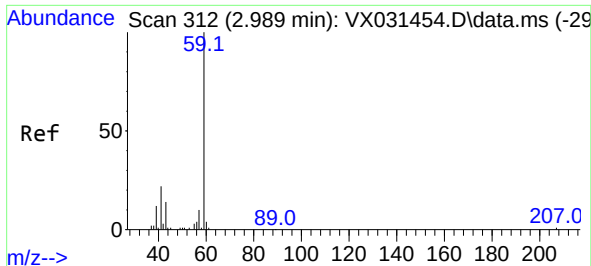
Tgt Ion: 94 Resp: 756
Ion Ratio Lower Upper
94 100
96 89.6 74.4 111.6



#6
Chloroethane
Concen: Below Cal
RT: 1.679 min Scan# 97
Delta R.T. -0.006 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

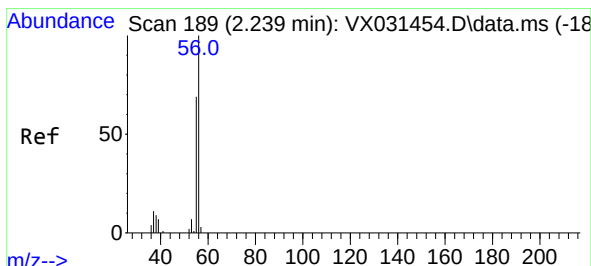
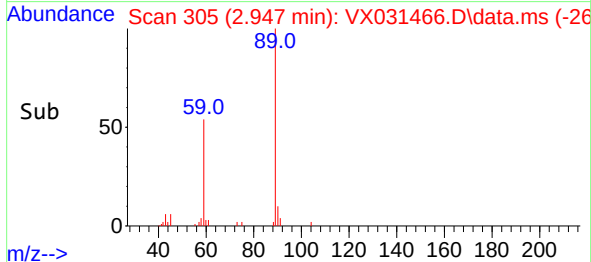
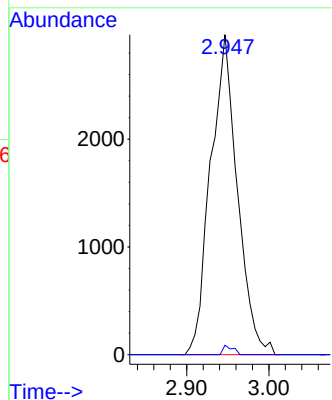
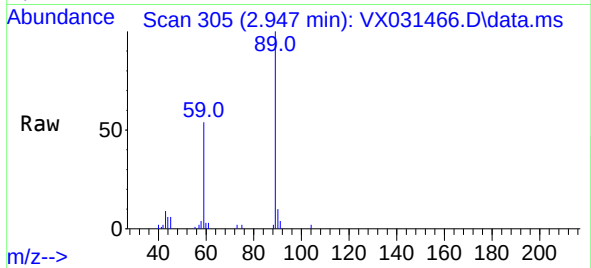




#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.947 min Scan# 30
Delta R.T. -0.042 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

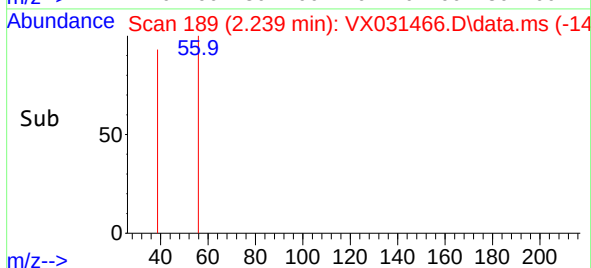
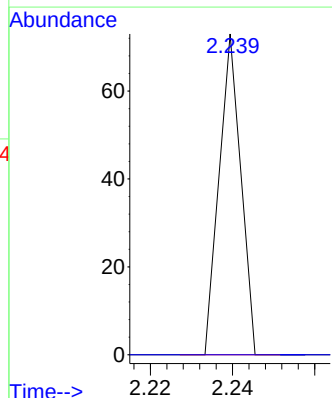
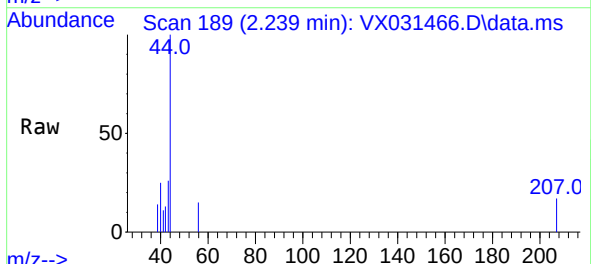
Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

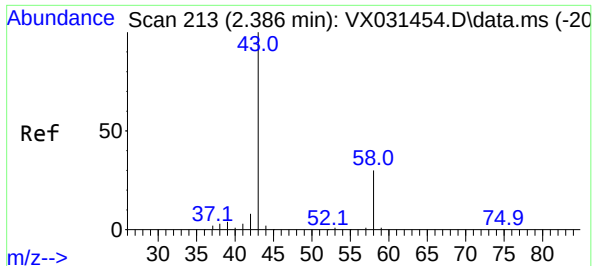
Tgt Ion: 59 Resp: 6737
Ion Ratio Lower Upper
59 100
57 1.1 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.239 min Scan# 189
Delta R.T. 0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Tgt Ion: 56 Resp: 27
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#

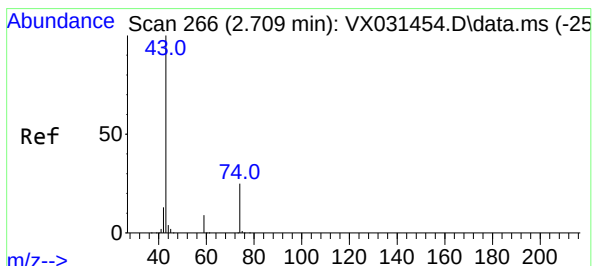
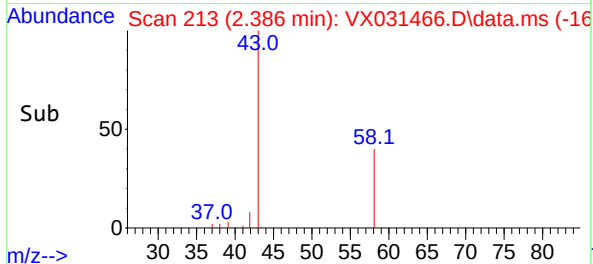
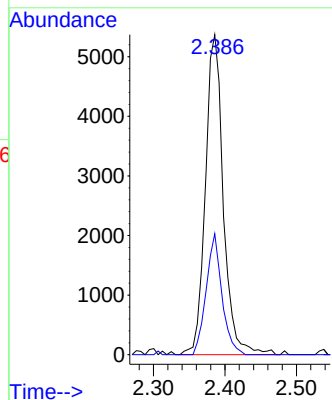
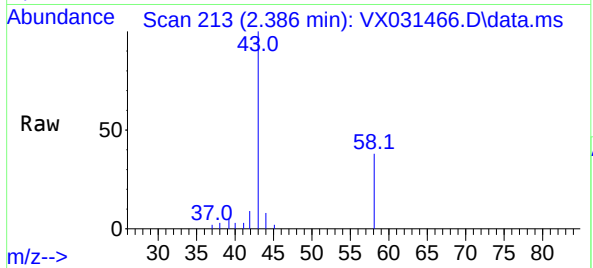




#16
Acetone
Concen: 4.312 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

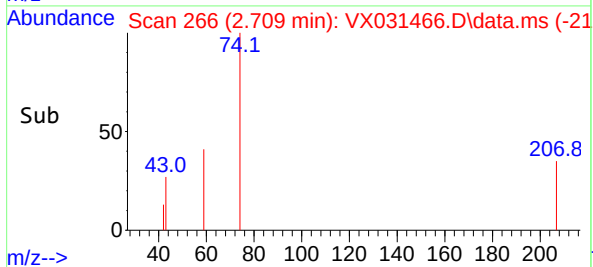
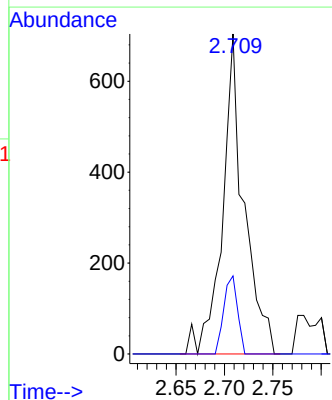
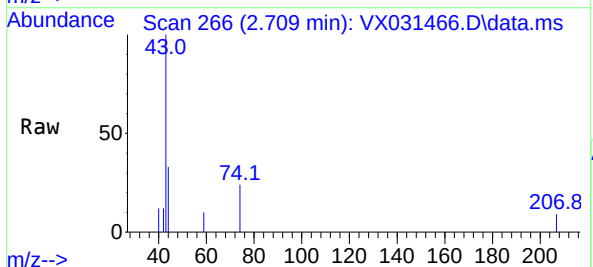
Instrument : MSVOA_X
ClientSampleId : S1-SO_116D-20220902

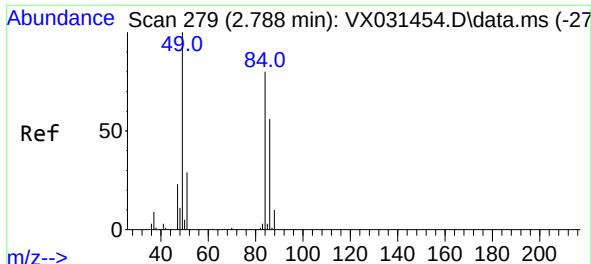
Tgt Ion: 43 Resp: 9368
Ion Ratio Lower Upper
43 100
58 37.8 23.8 35.8#



#18
Methyl Acetate
Concen: 0.545 ug/l
RT: 2.709 min Scan# 266
Delta R.T. -0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Tgt Ion: 43 Resp: 1088
Ion Ratio Lower Upper
43 100
74 15.4 18.6 27.8#

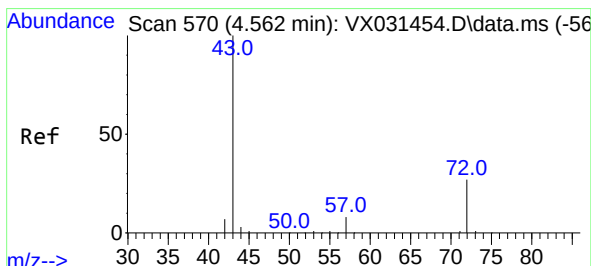
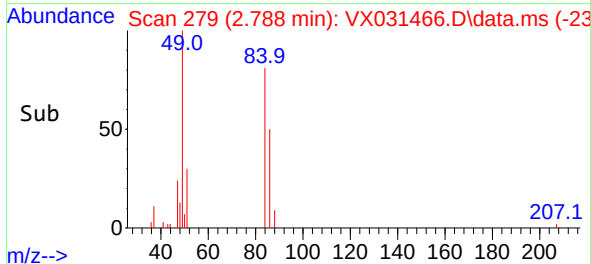
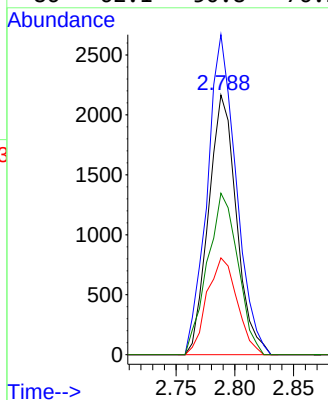
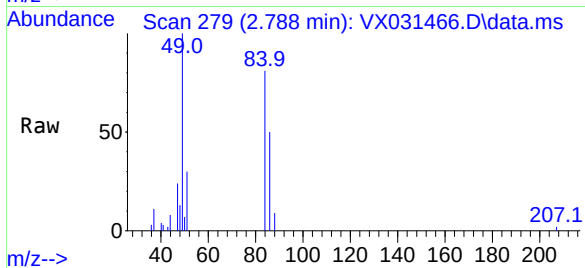




#20
Methylene Chloride
Concen: 0.700 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

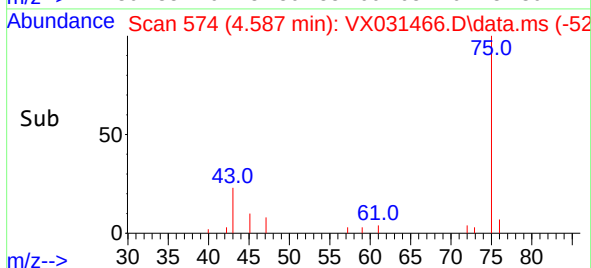
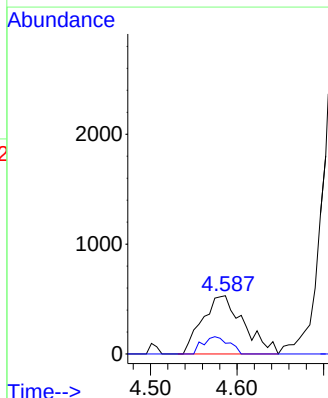
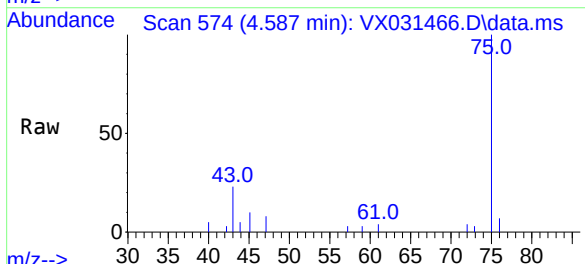
Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

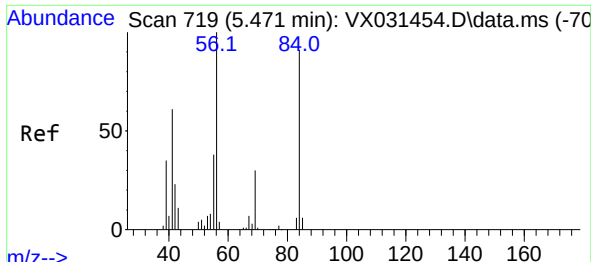
Tgt Ion:	84	Resp:	3586
Ion	Ratio	Lower	Upper
84	100		
49	123.2	105.9	158.9
51	37.3	32.2	48.2
86	62.1	50.8	76.2



#25
2-Butanone
Concen: 1.700 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.025 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

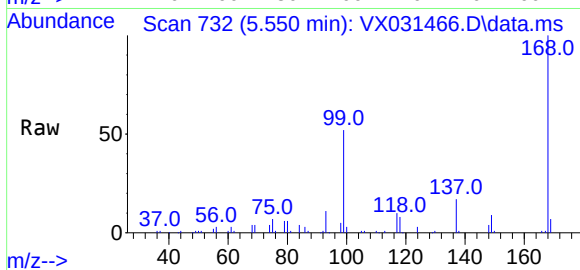
Tgt Ion:	43	Resp:	1753
Ion	Ratio	Lower	Upper
43	100		
72	18.5	21.1	31.7#



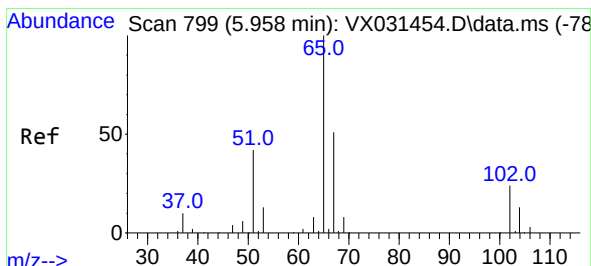
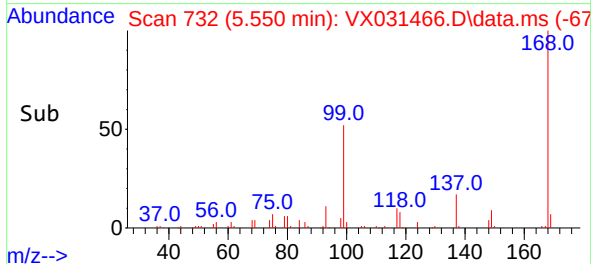
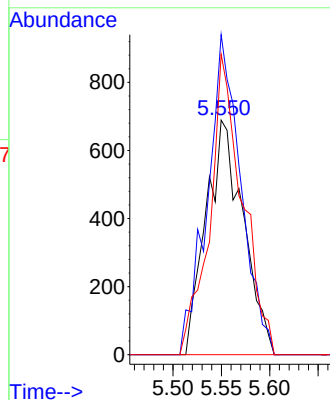


#31
Cyclohexane
Concen: 0.930 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

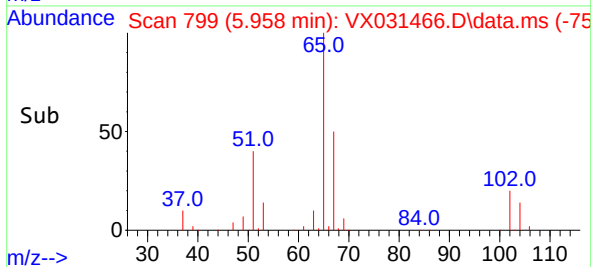
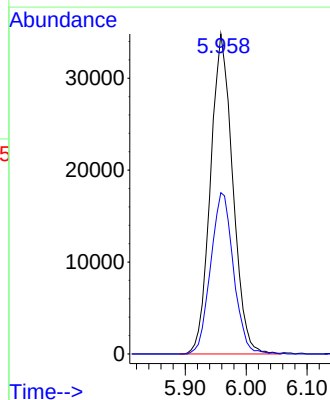
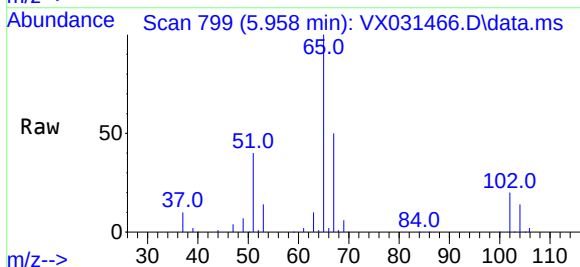


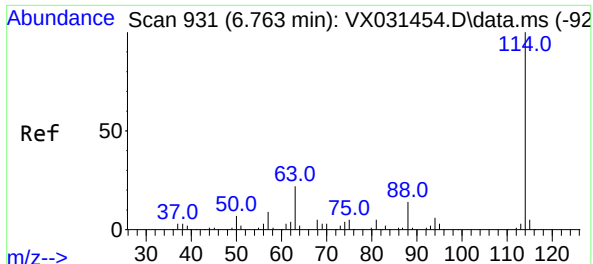
Tgt Ion: 56 Resp: 1842
Ion Ratio Lower Upper
56 100
69 136.4 25.1 37.7#
84 128.0 70.2 105.4#



#33
1,2-Dichloroethane-d4
Concen: 66.426 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Tgt Ion: 65 Resp: 88413
Ion Ratio Lower Upper
65 100
67 51.6 0.0 102.4

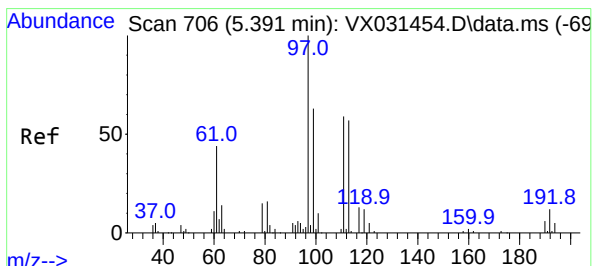
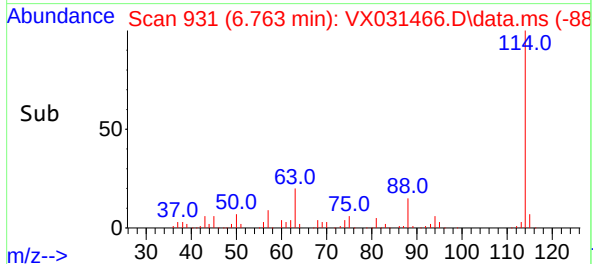
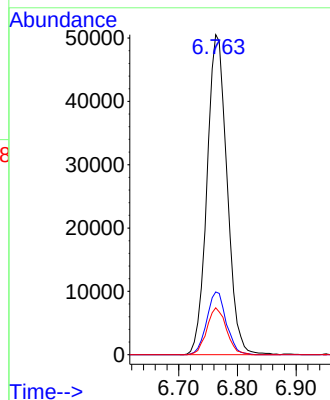
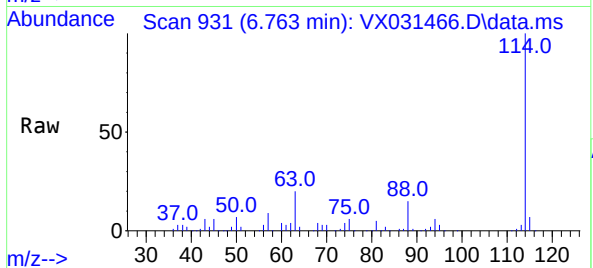




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. -0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

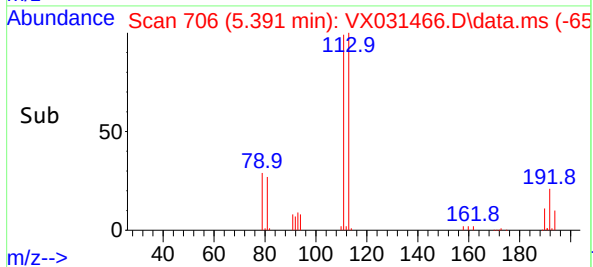
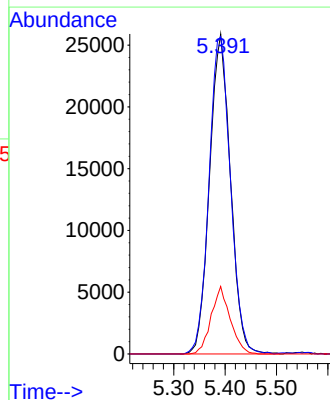
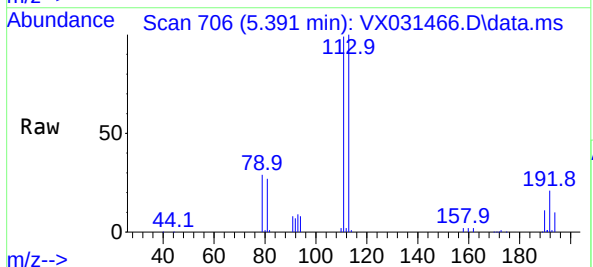
Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

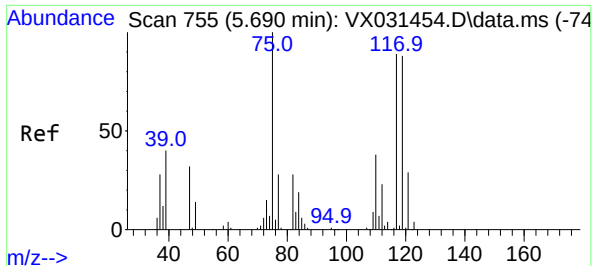
Tgt Ion:114 Resp: 119508
Ion Ratio Lower Upper
114 100
63 19.6 0.0 42.6
88 14.7 0.0 33.0



#35
Dibromofluoromethane
Concen: 59.232 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Tgt Ion:113 Resp: 73000
Ion Ratio Lower Upper
113 100
111 102.0 82.4 123.6
192 19.2 14.1 21.1

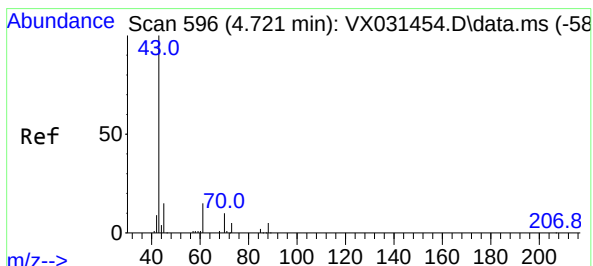
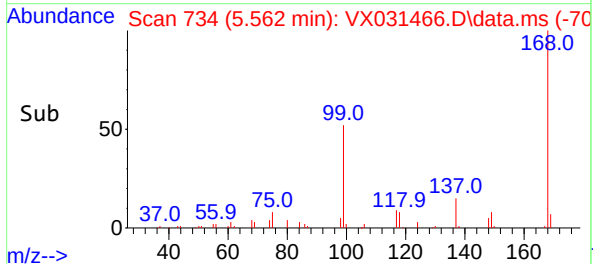
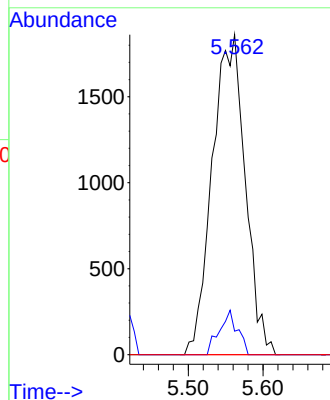
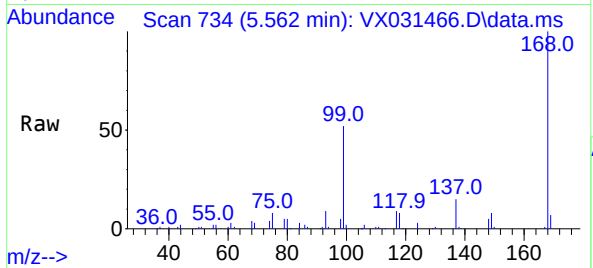




#36
1,1-Dichloropropene
Concen: 3.005 ug/l
RT: 5.562 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

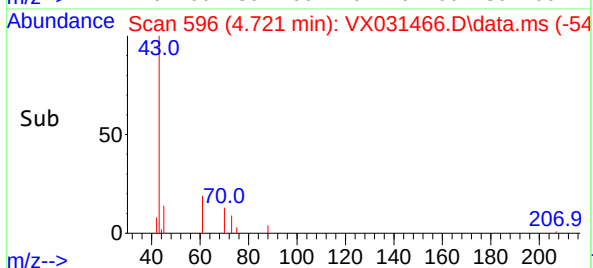
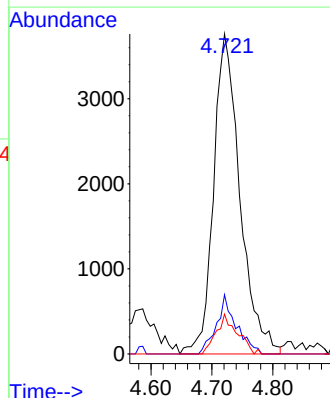
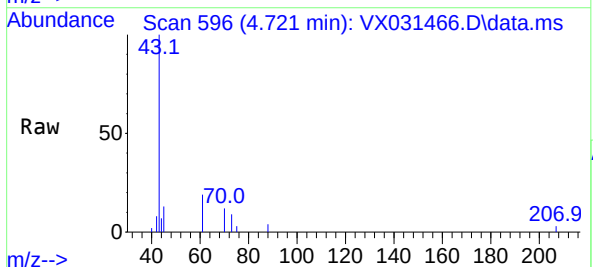
Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

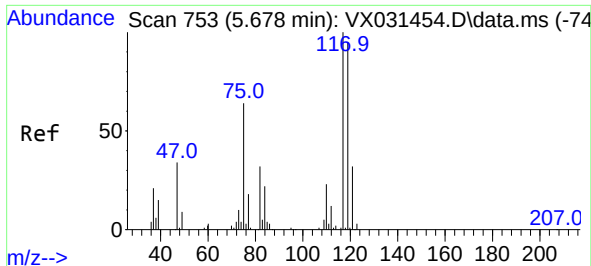
Tgt Ion: 75 Resp: 5708
Ion Ratio Lower Upper
75 100
110 7.6 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 4.994 ug/l
RT: 4.721 min Scan# 596
Delta R.T. -0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Tgt Ion: 43 Resp: 11318
Ion Ratio Lower Upper
43 100
61 13.9 11.1 16.7
70 9.9 8.6 13.0

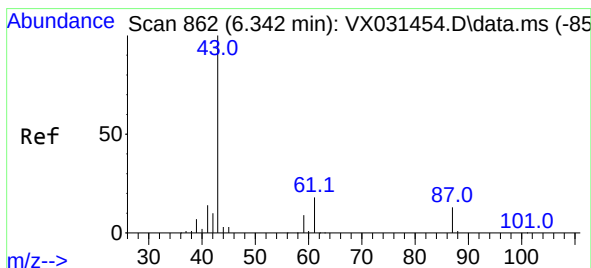
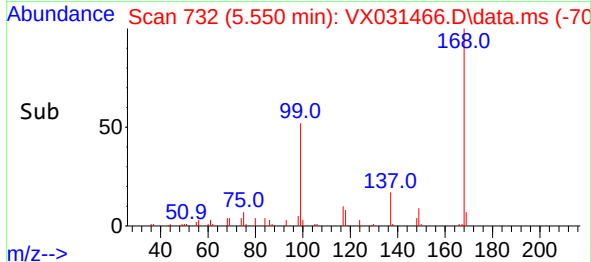
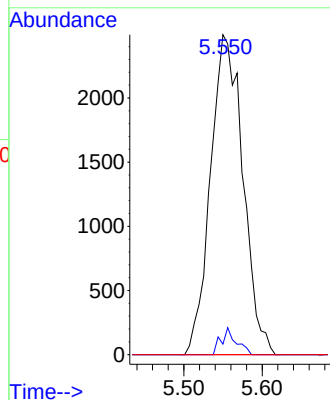
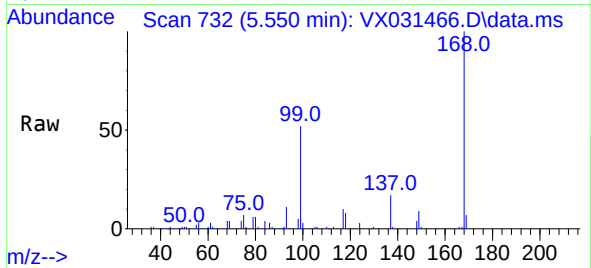




#38
Carbon Tetrachloride
Concen: 3.397 ug/l
RT: 5.550 min Scan# 713
Delta R.T. -0.128 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

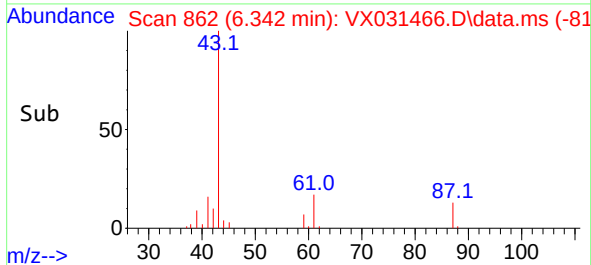
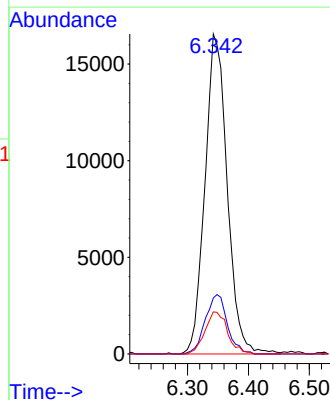
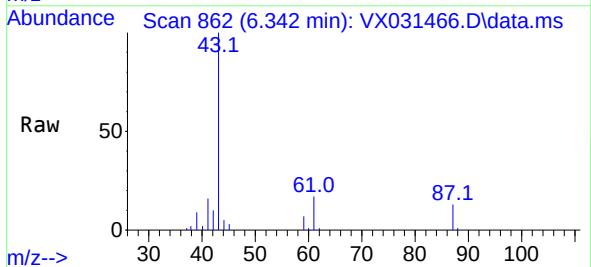
Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

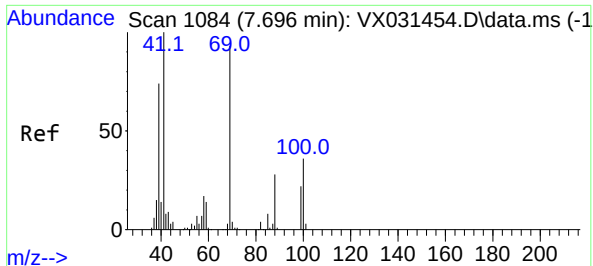
Tgt Ion:117 Resp: 7153
Ion Ratio Lower Upper
117 100
119 3.3 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 12.077 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Tgt Ion: 43 Resp: 42064
Ion Ratio Lower Upper
43 100
61 18.4 15.3 22.9
87 13.4 10.6 15.8

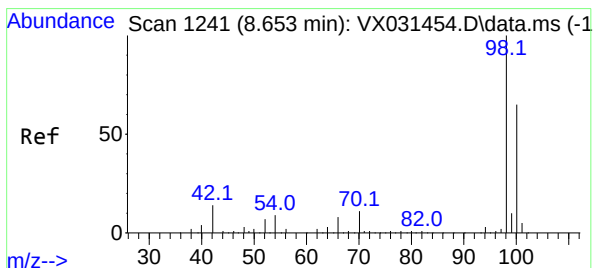
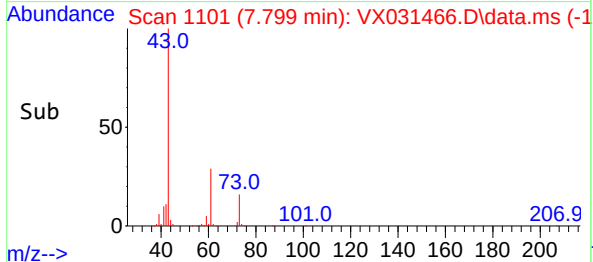
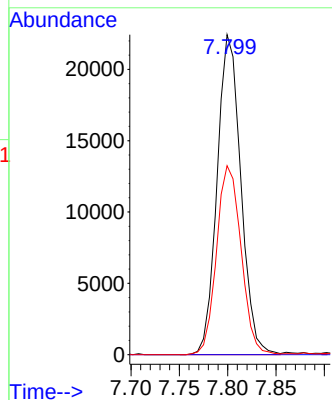
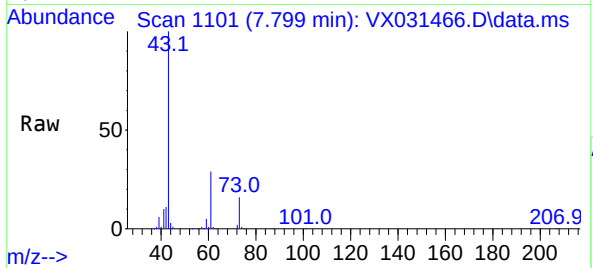




#48
Methyl methacrylate
Concen: 24.036 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.103 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

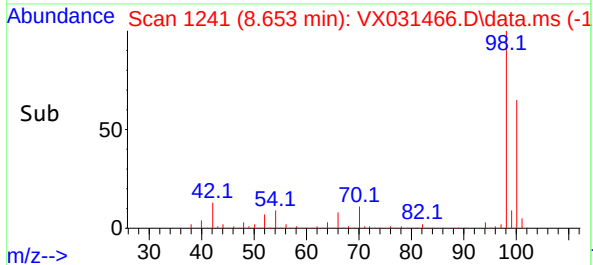
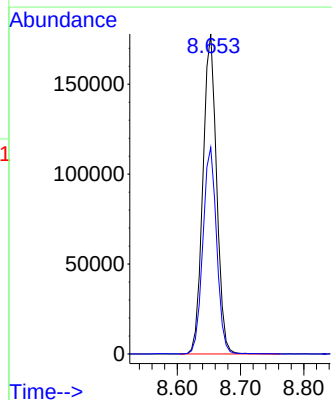
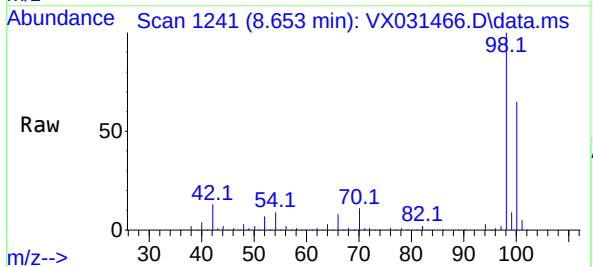
Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

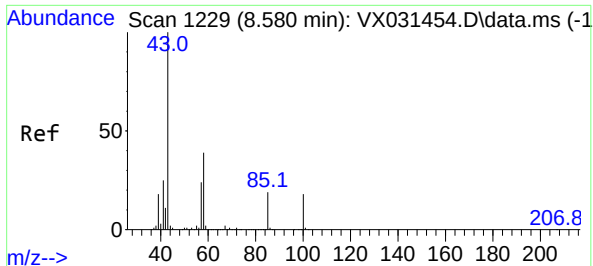
Tgt Ion: 41 Resp: 38247
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 61.2 51.4 77.0



#50
Toluene-d8
Concen: 56.384 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Tgt Ion: 98 Resp: 268462
Ion Ratio Lower Upper
98 100
100 64.9 52.5 78.7

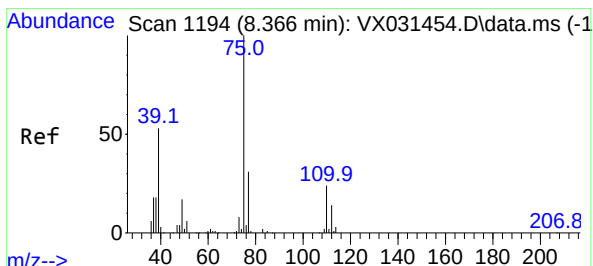
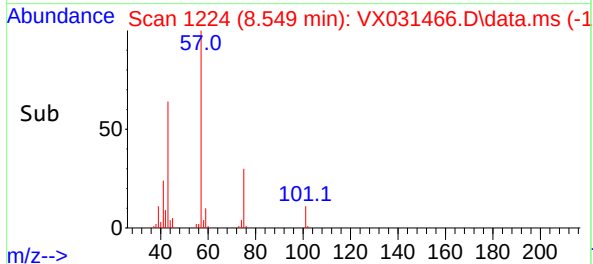
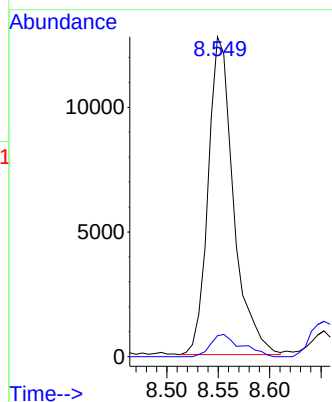
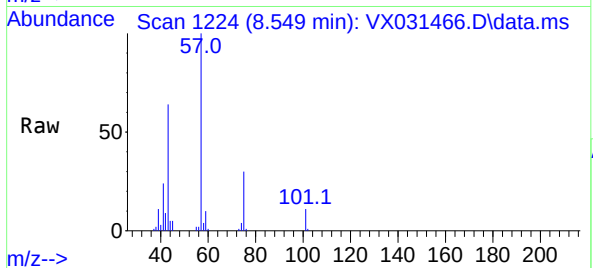




#51
4-Methyl-2-Pentanone
Concen: 9.752 ug/l
RT: 8.549 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

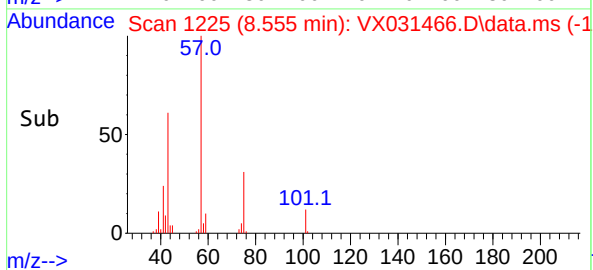
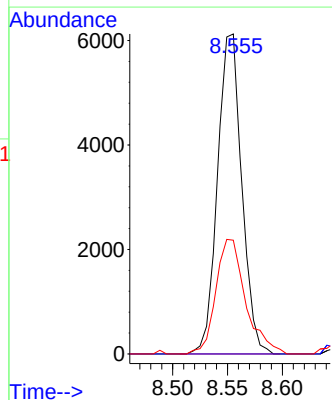
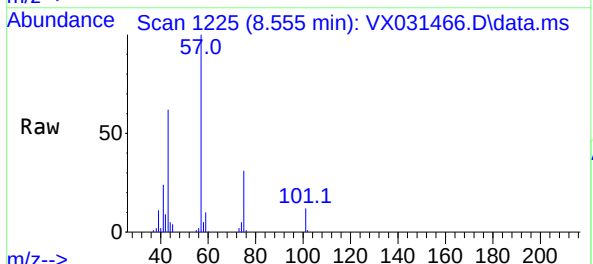
Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

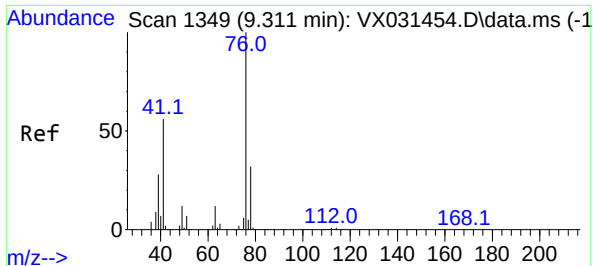
Tgt Ion: 43 Resp: 21848
Ion Ratio Lower Upper
43 100
58 8.5 30.6 46.0#



#54
cis-1,3-Dichloropropene
Concen: 4.043 ug/l
RT: 8.555 min Scan# 1225
Delta R.T. 0.189 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Tgt Ion: 75 Resp: 9434
Ion Ratio Lower Upper
75 100
77 0.0 24.4 36.6#
39 35.6 43.7 65.5#





#57

1,3-Dichloropropane

Concen: 0.488 ug/l

RT: 9.488 min Scan# 11378

Delta R.T. 0.177 min

Lab File: VX031466.D

Acq: 19 Sep 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

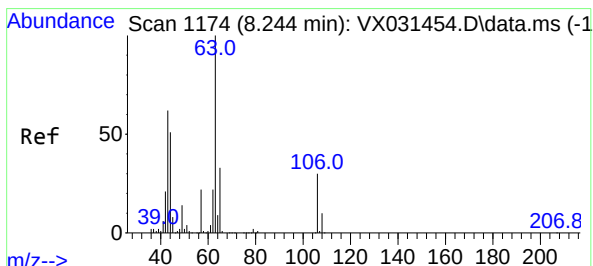
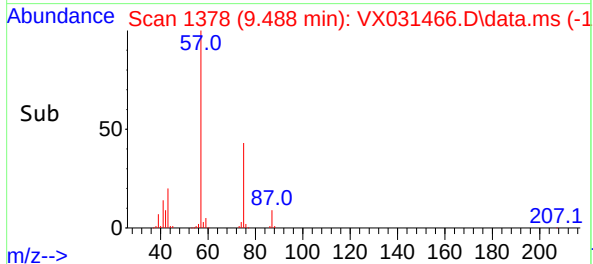
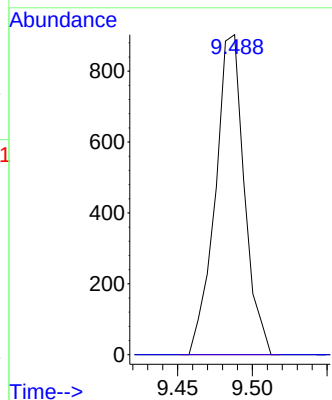
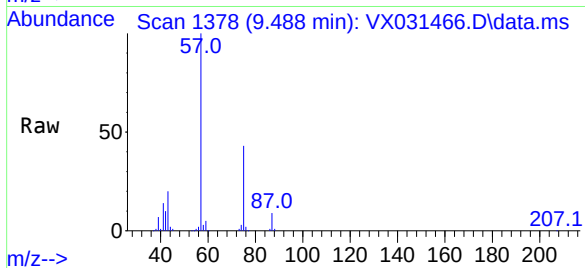
S1-SO_116D-20220902

Tgt Ion: 76 Resp: 1220

Ion Ratio Lower Upper

76 100

78 0.0 25.5 38.3#



#58

2-Chloroethyl Vinyl ether

Concen: 0.506 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX031466.D

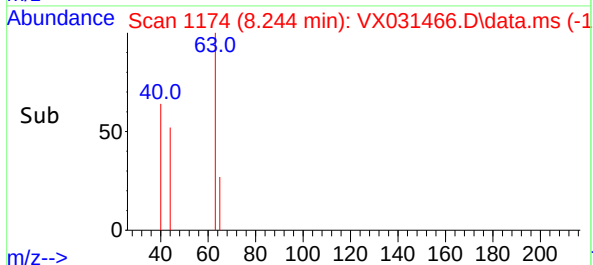
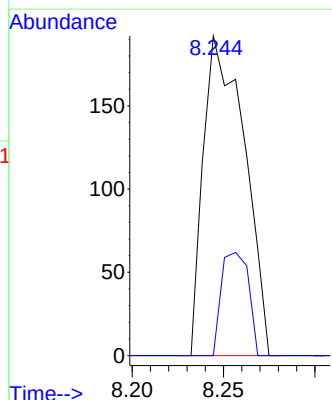
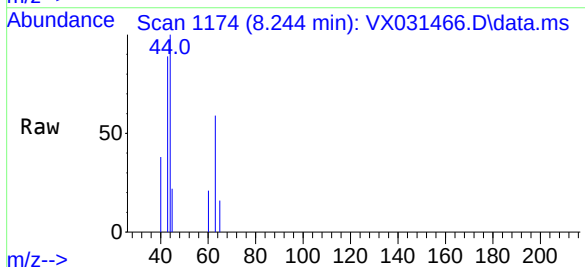
Acq: 19 Sep 2022 17:39

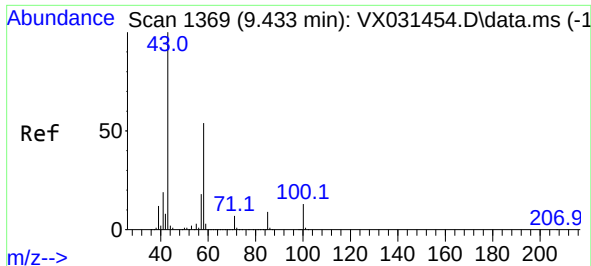
Tgt Ion: 63 Resp: 300

Ion Ratio Lower Upper

63 100

106 21.3 22.6 34.0#





#59

2-Hexanone

Concen: 8.728 ug/l

RT: 9.482 min Scan# 11

Delta R.T. 0.049 min

Lab File: VX031466.D

Acq: 19 Sep 2022 17:39

Instrument :

MSVOA_X

ClientSampleId :

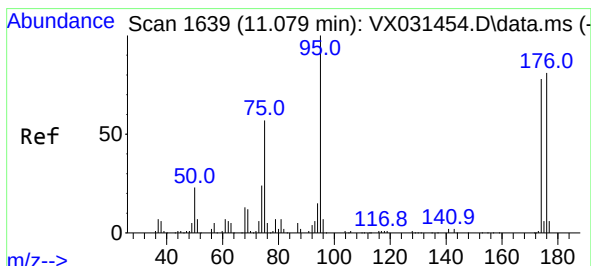
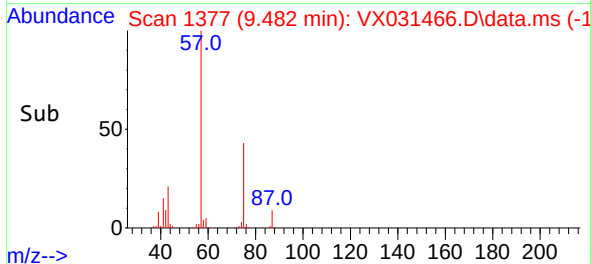
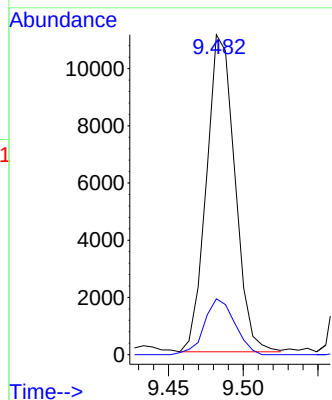
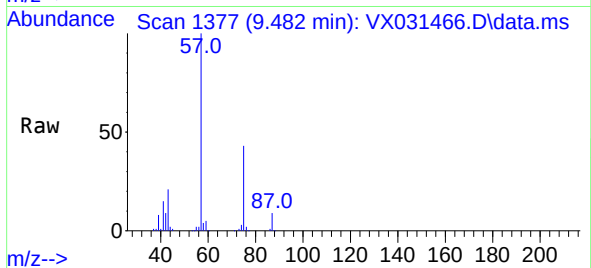
S1-SO_116D-20220902

Tgt Ion: 43 Resp: 14685

Ion Ratio Lower Upper

43 100

58 18.8 26.7 80.0#



#62

4-Bromofluorobenzene

Concen: 51.596 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031466.D

Acq: 19 Sep 2022 17:39

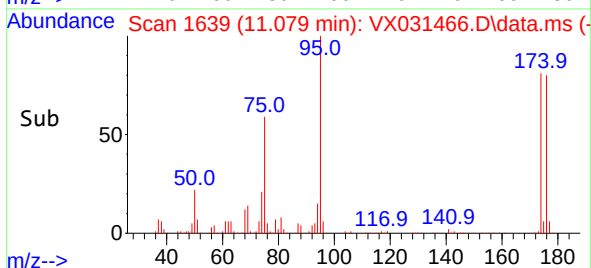
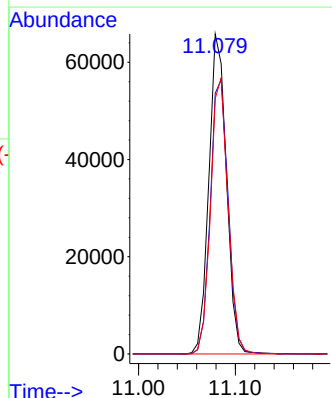
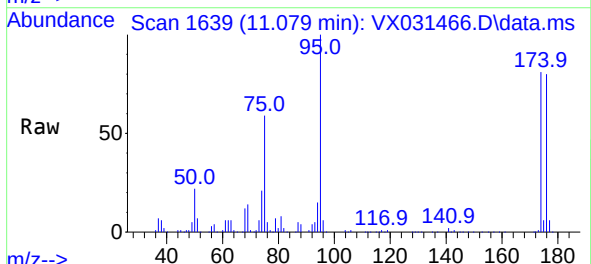
Tgt Ion: 95 Resp: 83214

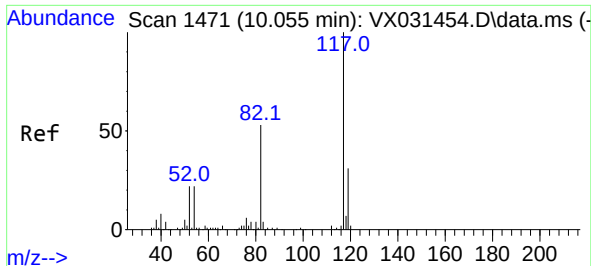
Ion Ratio Lower Upper

95 100

174 87.4 0.0 153.2

176 85.9 0.0 144.0

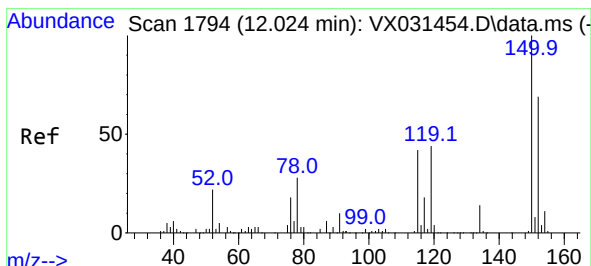
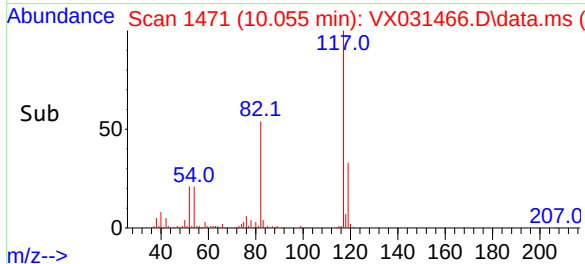
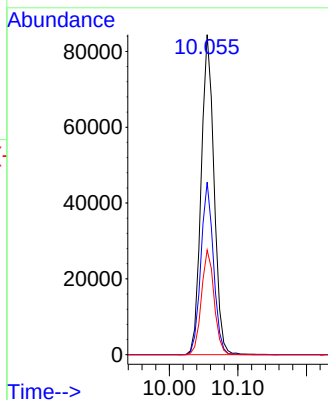
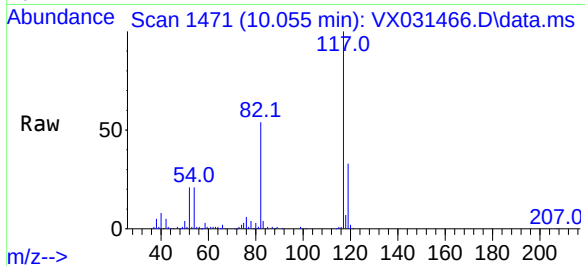




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

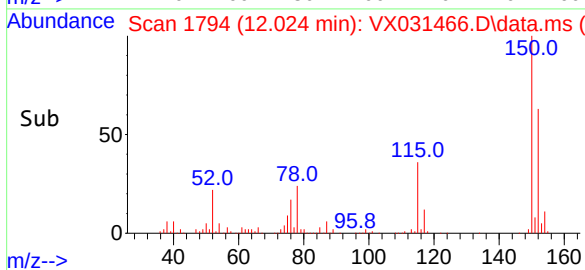
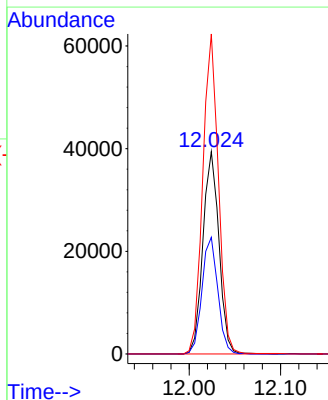
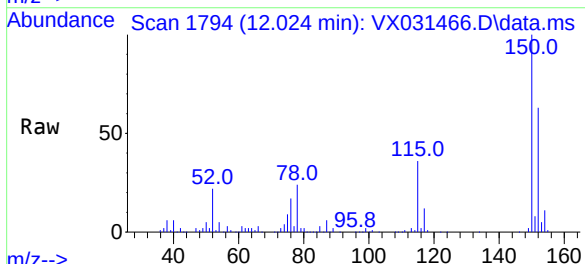
Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902

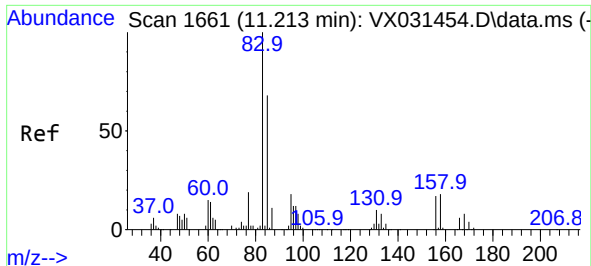
Tgt Ion:117 Resp: 110503
Ion Ratio Lower Upper
117 100
82 53.9 46.8 70.2
119 32.7 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Tgt Ion:152 Resp: 47845
Ion Ratio Lower Upper
152 100
115 57.0 43.4 130.1
150 154.3 0.0 346.8

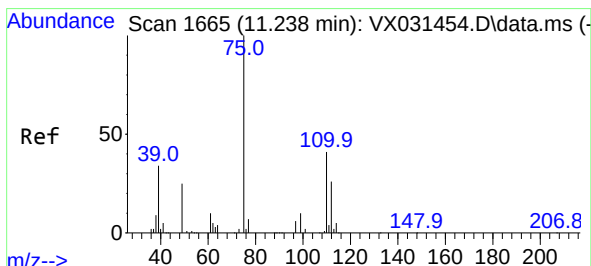
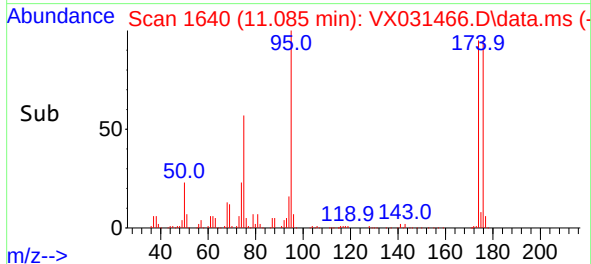
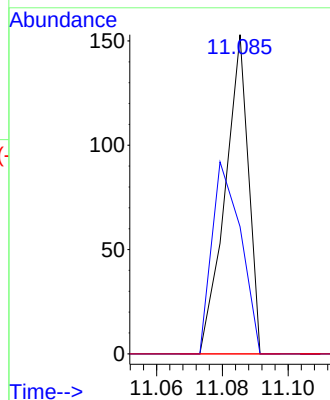
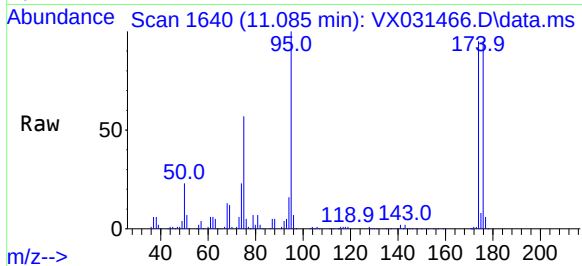




#75
1,1,2,2-Tetrachloroethane
Concen: Below Cal
RT: 11.085 min Scan# 1639
Delta R.T. -0.128 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

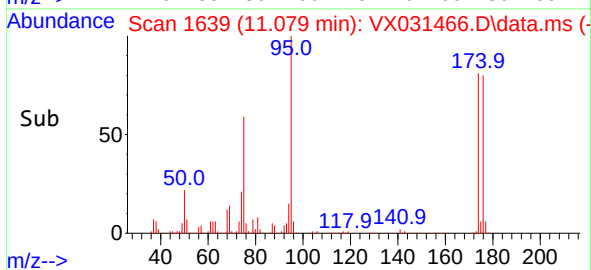
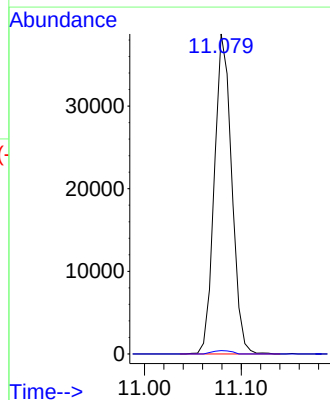
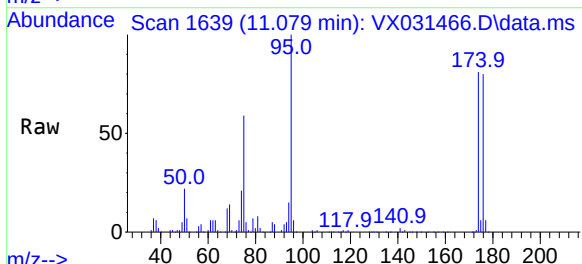
Instrument : MSVOA_X
ClientSampleId : S1-SO_116D-20220902

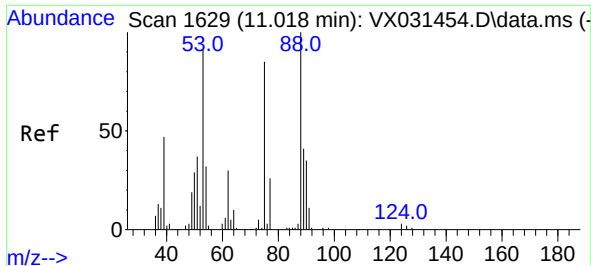
Tgt Ion: 83 Resp: 75
Ion Ratio Lower Upper
83 100
131 74.7 5.1 15.4#
85 0.0 32.6 97.8#



#76
1,2,3-Trichloropropane
Concen: 45.156 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.159 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

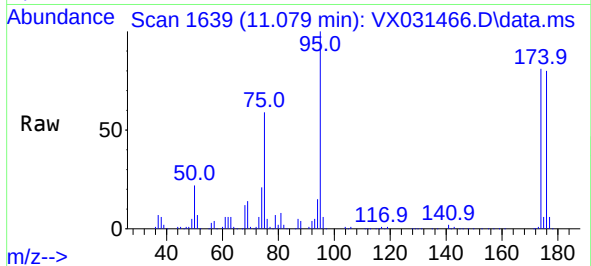
Tgt Ion: 75 Resp: 48220
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#





#81
trans-1,4-Dichloro-2-butene
Concen: 145.396 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX031466.D
Acq: 19 Sep 2022 17:39

Instrument :
MSVOA_X
ClientSampleId :
S1-SO_116D-20220902



Tgt Ion: 75 Resp: 48220
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

