

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031349.D
 Acq On : 15 Sep 2022 09:29
 Operator : JC/MD
 Sample : N4539-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MBD-WC-S-MP-1-45-46

Quant Time: Sep 15 11:13:51 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

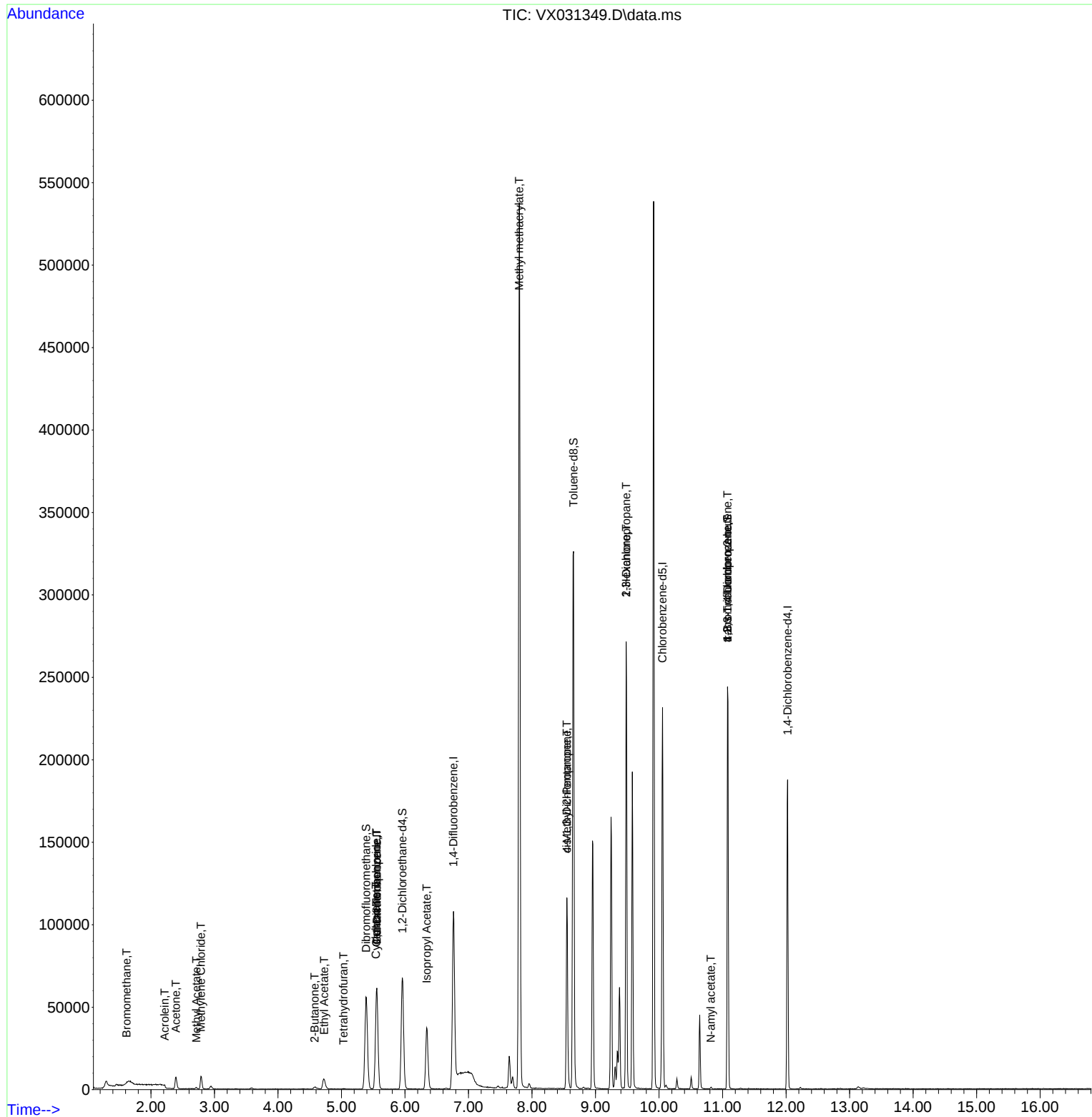
Internal Standards						
1) Pentafluorobenzene	5.556	168	53811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	97608	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	90552	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	34373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	63571	48.130	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	96.260%
35) Dibromofluoromethane	5.385	113	47182	44.969	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.940%
50) Toluene-d8	8.653	98	185804	47.209	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	94.420%
62) 4-Bromofluorobenzene	11.079	95	59794	41.488	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	82.980%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	210	Below Cal	#	41
5) Bromomethane	1.617	94	162	0.230	ug/l	81
11) Tert butyl alcohol	2.946	59	1155	Below Cal	#	73
13) Acrolein	2.215	56	49	0.321	ug/l	# 15
16) Acetone	2.392	43	9173	16.268	ug/l	97
18) Methyl Acetate	2.715	43	1205	0.721	ug/l	# 87
20) Methylene Chloride	2.788	84	3239	1.339	ug/l	95
25) 2-Butanone	4.574	43	743	0.799	ug/l	96
29) Tetrahydrofuran	5.031	42	282	0.489	ug/l	# 32
31) Cyclohexane	5.544	56	1747	1.231	ug/l	# 56
36) 1,1-Dichloropropene	5.556	75	5104	3.554	ug/l	# 48
37) Ethyl Acetate	4.727	43	11209	5.939	ug/l	# 90
38) Carbon Tetrachloride	5.550	117	5775	3.699	ug/l	# 17
43) Isopropyl Acetate	6.342	43	53234	16.525	ug/l	96
48) Methyl methacrylate	7.799	41	47953	32.700	ug/l	# 45
51) 4-Methyl-2-Pentanone	8.549	43	41259	21.071	ug/l	# 49
54) cis-1,3-Dichloropropene	8.549	75	17007	8.831	ug/l	# 64
57) 1,3-Dichloropropane	9.482	76	2074	1.048	ug/l	# 43
59) 2-Hexanone	9.482	43	32534	21.770	ug/l	# 50
74) N-amyl acetate	10.817	43	476	0.377	ug/l	# 43
76) 1,2,3-Trichloropropane	11.079	75	35961	41.516	ug/l	# 37
81) trans-1,4-Dichloro-2-b...	11.079	75	35961	114.875	ug/l	# 11

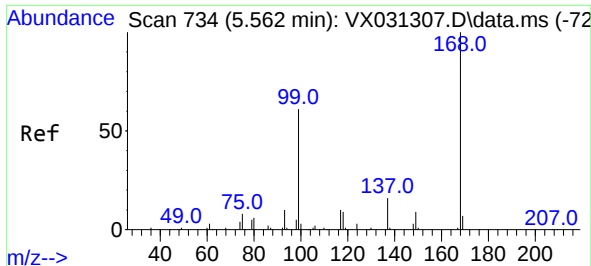
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
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Sample : N4539-02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 57 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-45-46

Quant Time: Sep 15 11:13:51 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
Quant Title : SW846 8260
QLast Update : Thu Sep 15 01:50:07 2022
Response via : Initial Calibration

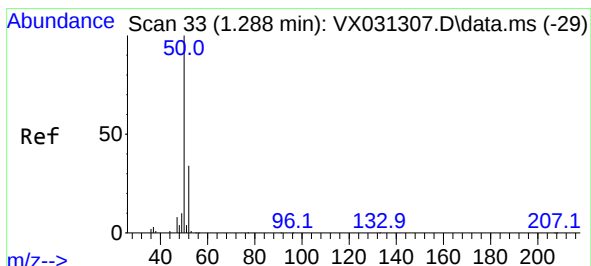
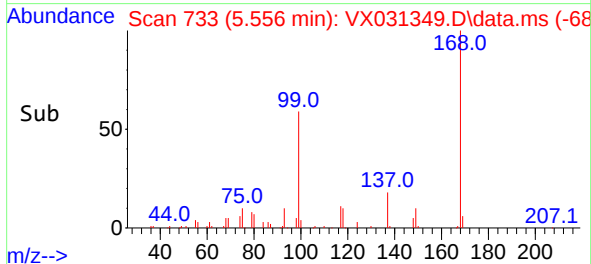
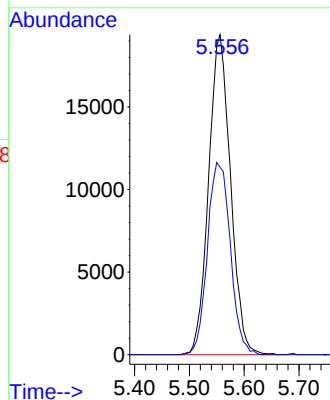
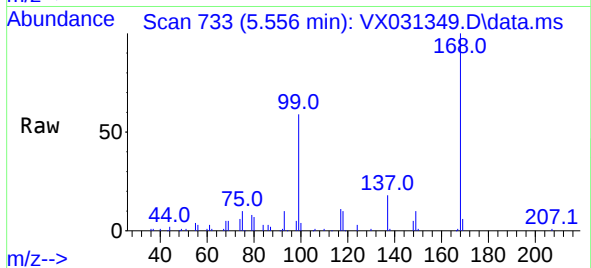




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

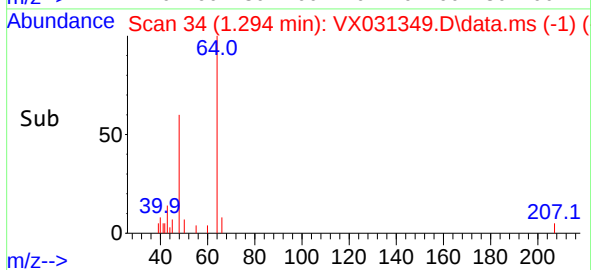
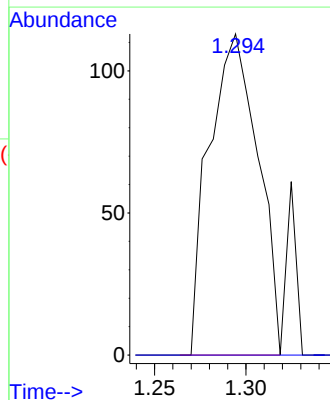
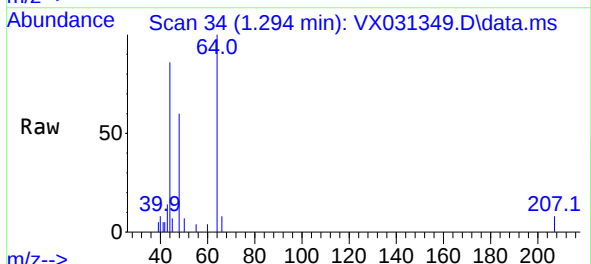
Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-45-46

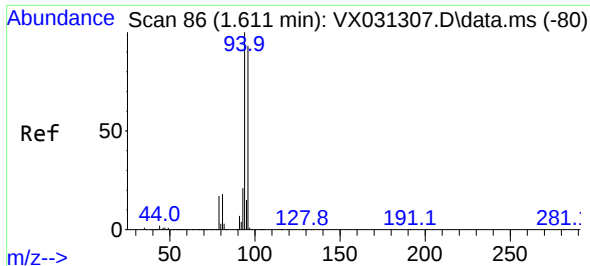
Tgt Ion:168 Resp: 53811
Ion Ratio Lower Upper
168 100
99 58.6 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Tgt Ion: 50 Resp: 210
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#

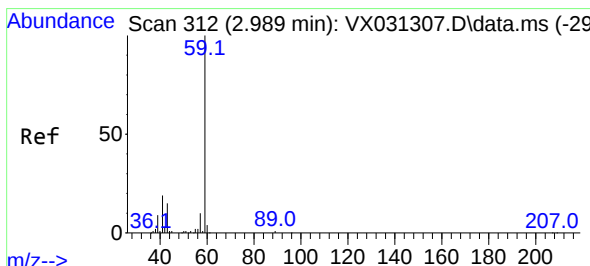
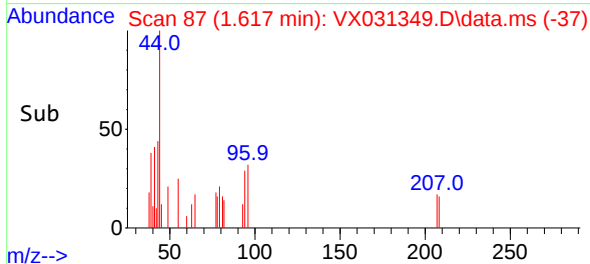
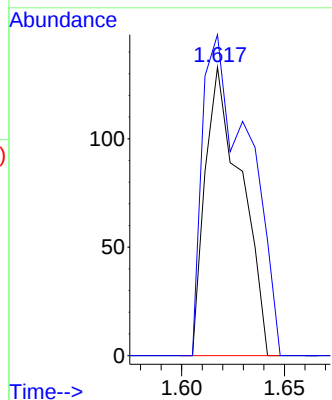
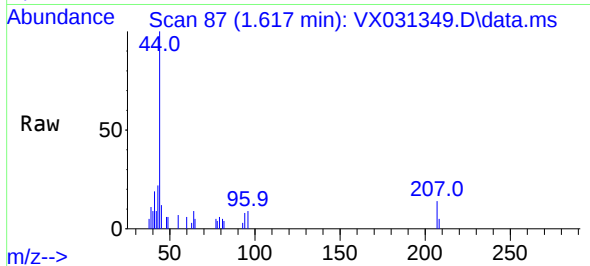




#5
Bromomethane
Concen: 0.230 ug/l
RT: 1.617 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

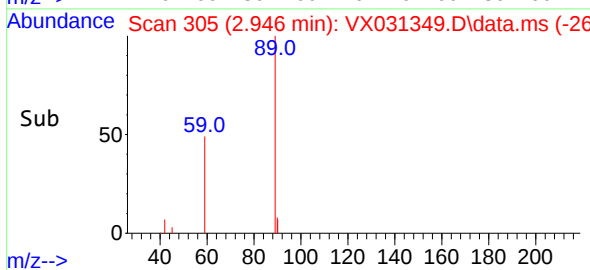
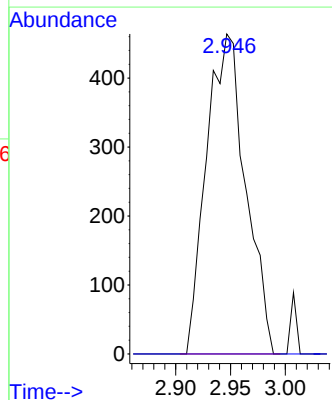
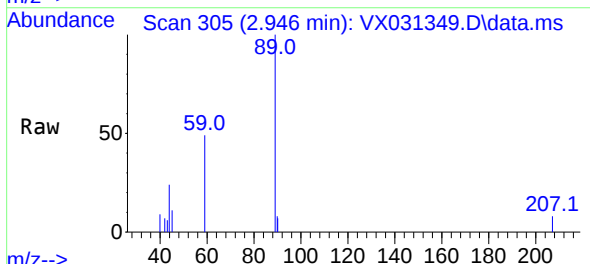
Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-45-46

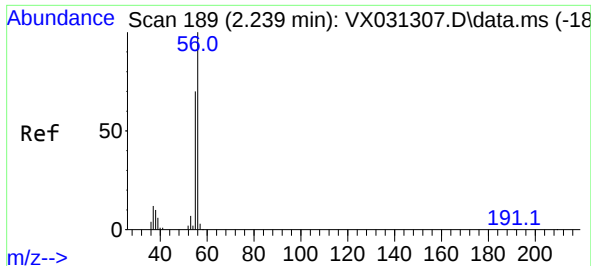
Tgt Ion: 94 Resp: 162
Ion Ratio Lower Upper
94 100
96 111.3 74.4 111.6



#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.946 min Scan# 305
Delta R.T. -0.043 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Tgt Ion: 59 Resp: 1155
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#

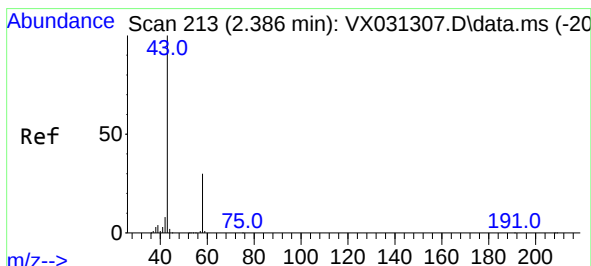
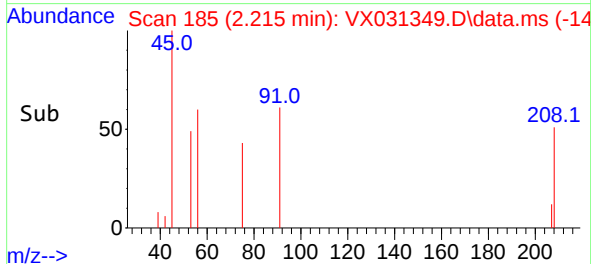
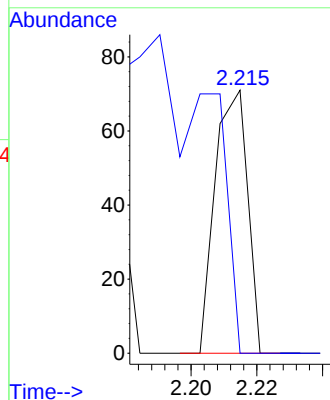
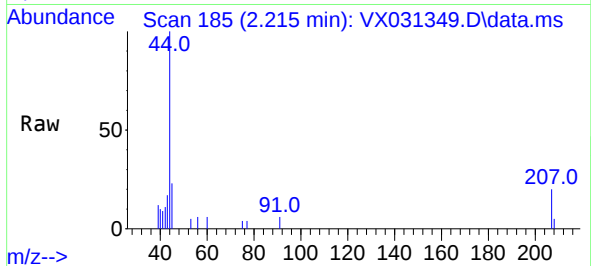




#13
Acrolein
Concen: 0.321 ug/l
RT: 2.215 min Scan# 11
Delta R.T. -0.024 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

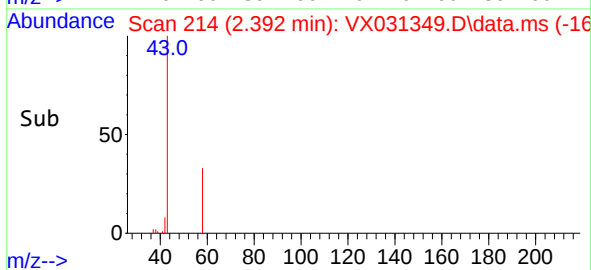
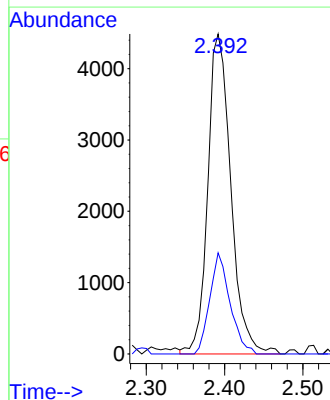
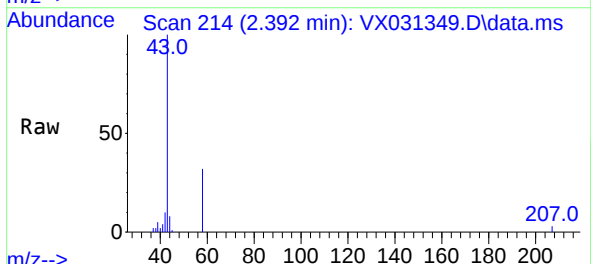
Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-45-46

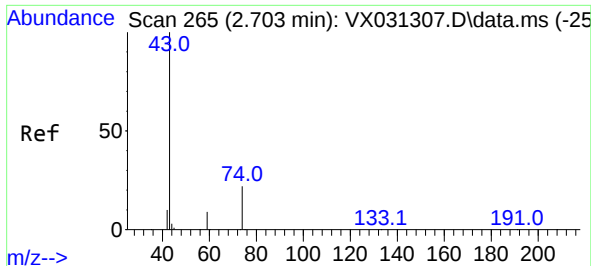
Tgt Ion: 56 Resp: 49
Ion Ratio Lower Upper
56 100
55 0.0 56.0 84.0#



#16
Acetone
Concen: 16.268 ug/l
RT: 2.392 min Scan# 214
Delta R.T. 0.006 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Tgt Ion: 43 Resp: 9173
Ion Ratio Lower Upper
43 100
58 31.6 23.8 35.8





#18

Methyl Acetate

Concen: 0.721 ug/l

RT: 2.715 min Scan# 2

Delta R.T. 0.012 min

Lab File: VX031349.D

Acq: 15 Sep 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

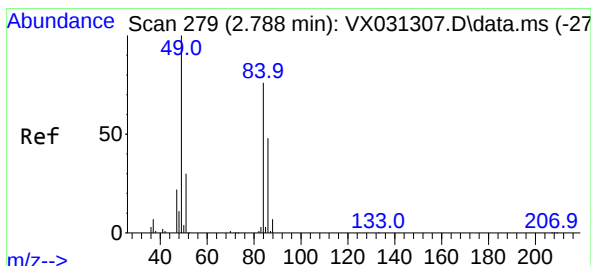
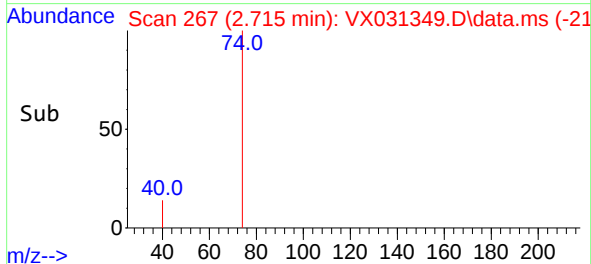
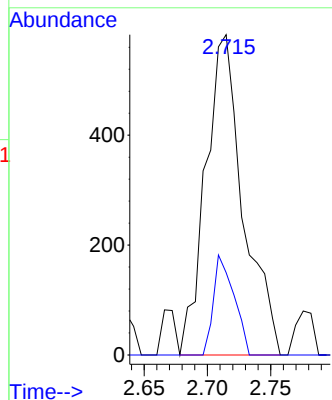
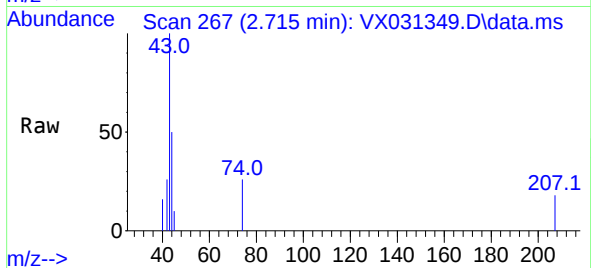
MBD-WC-S-MP-1-45-46

Tgt Ion: 43 Resp: 1205

Ion Ratio Lower Upper

43 100

74 17.0 18.6 27.8#



#20

Methylene Chloride

Concen: 1.339 ug/l

RT: 2.788 min Scan# 279

Delta R.T. -0.000 min

Lab File: VX031349.D

Acq: 15 Sep 2022 09:29

Tgt Ion: 84 Resp: 3239

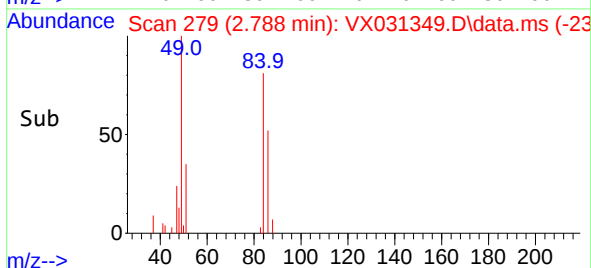
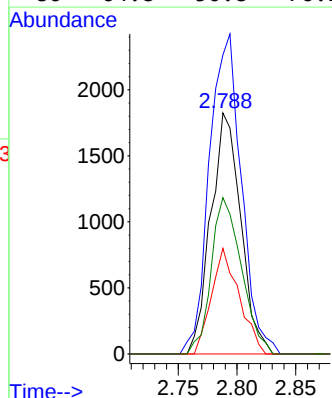
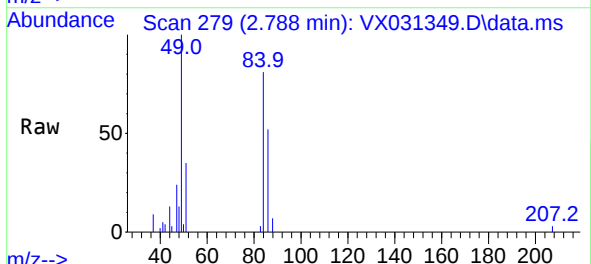
Ion Ratio Lower Upper

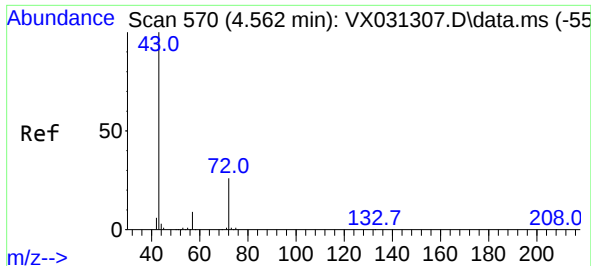
84 100

49 124.1 105.9 158.9

51 43.8 32.2 48.2

86 64.8 50.8 76.2





#25

2-Butanone

Concen: 0.799 ug/l

RT: 4.574 min Scan# 51

Delta R.T. 0.012 min

Lab File: VX031349.D

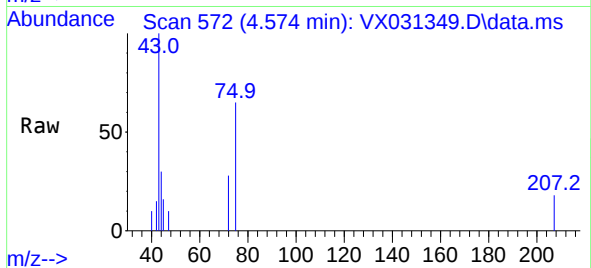
Acq: 15 Sep 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

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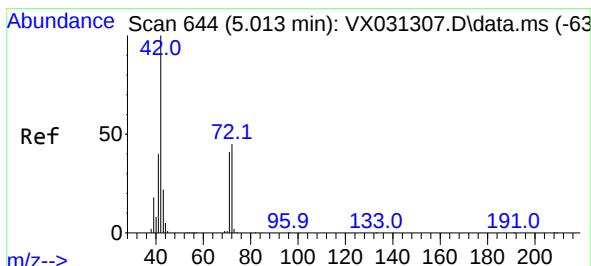
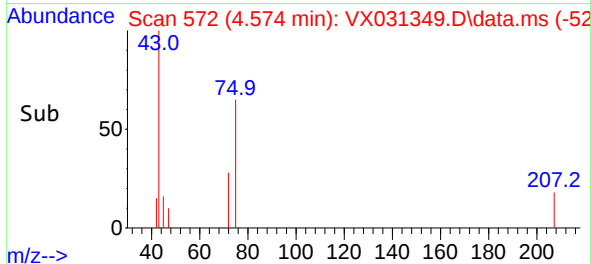
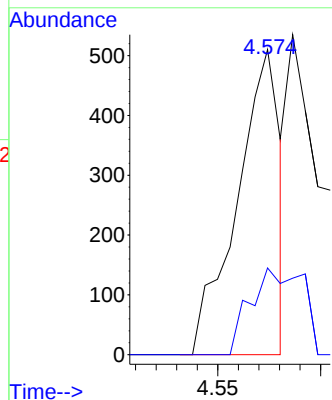


Tgt Ion: 43 Resp: 743

Ion Ratio Lower Upper

43 100

72 28.4 21.1 31.7



#29

Tetrahydrofuran

Concen: 0.489 ug/l

RT: 5.031 min Scan# 647

Delta R.T. 0.018 min

Lab File: VX031349.D

Acq: 15 Sep 2022 09:29

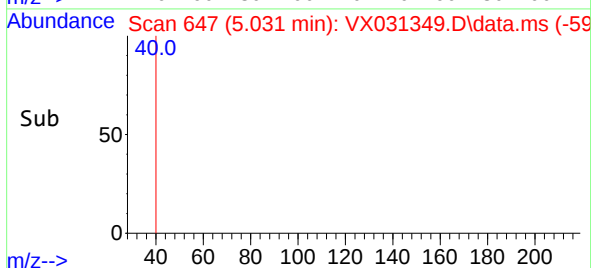
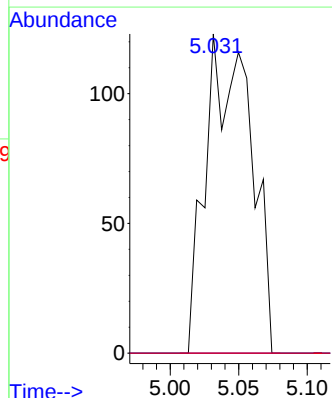
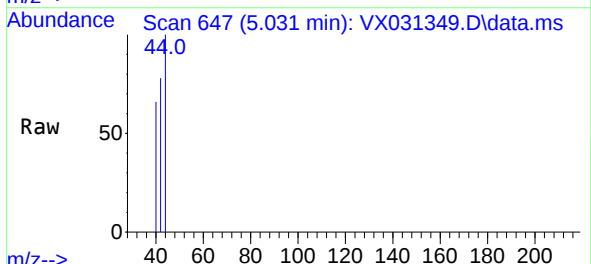
Tgt Ion: 42 Resp: 282

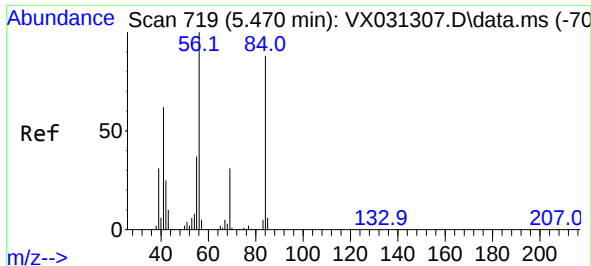
Ion Ratio Lower Upper

42 100

72 0.0 36.4 54.6#

71 0.0 33.5 50.3#

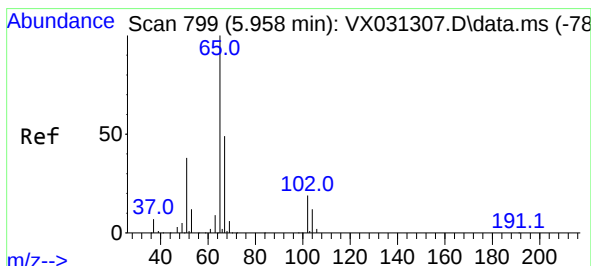
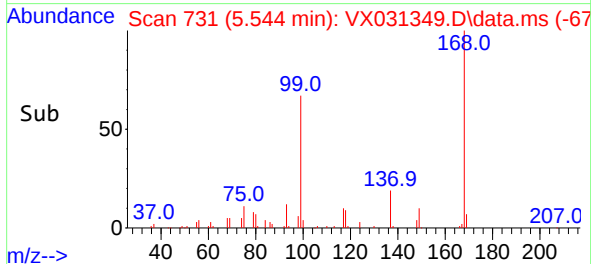
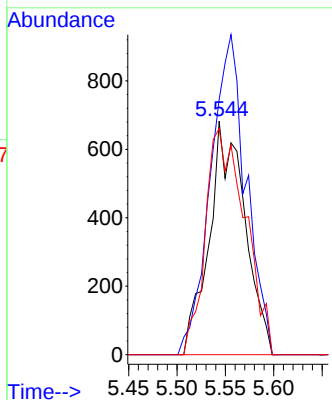
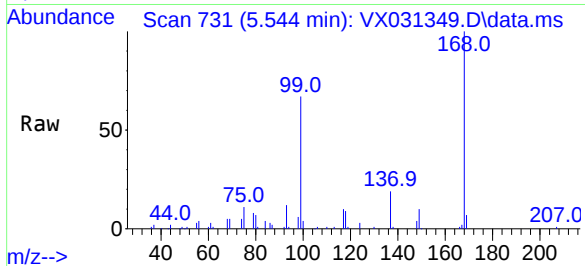




#31
Cyclohexane
Concen: 1.231 ug/l
RT: 5.544 min Scan# 719
Delta R.T. 0.073 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

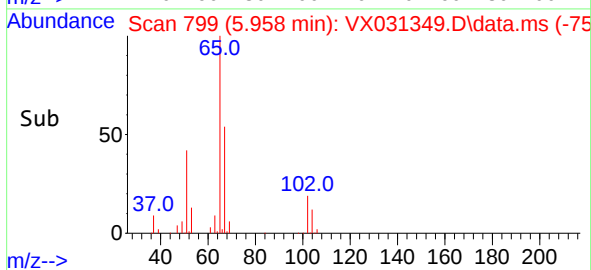
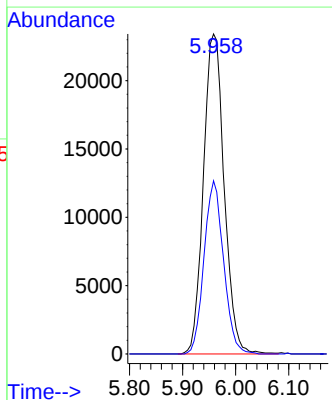
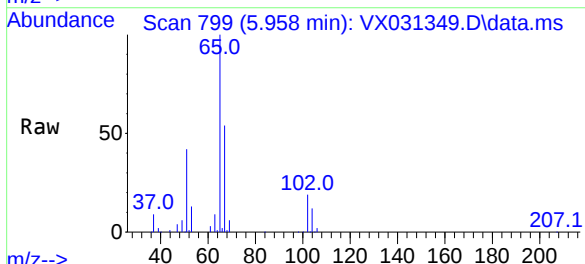
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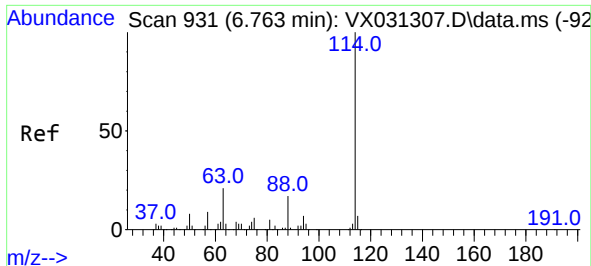
Tgt Ion: 56 Resp: 1747
Ion Ratio Lower Upper
56 100
69 109.2 25.1 37.7#
84 96.9 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 48.130 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Tgt Ion: 65 Resp: 63571
Ion Ratio Lower Upper
65 100
67 51.0 0.0 102.4

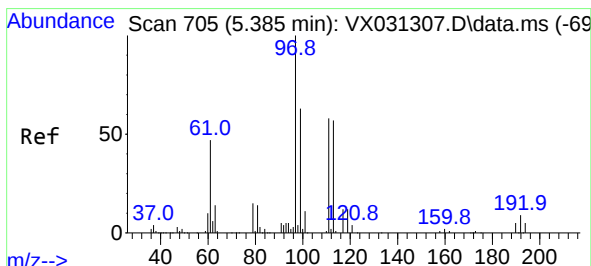
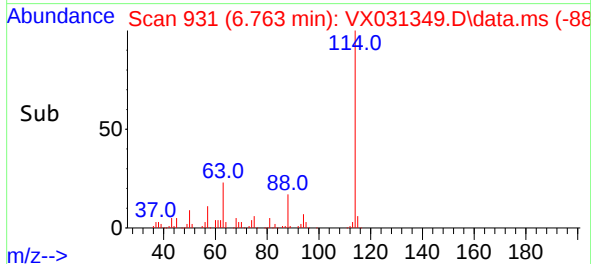
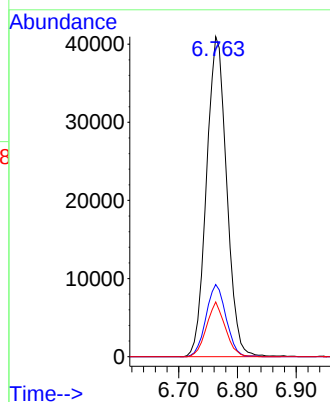
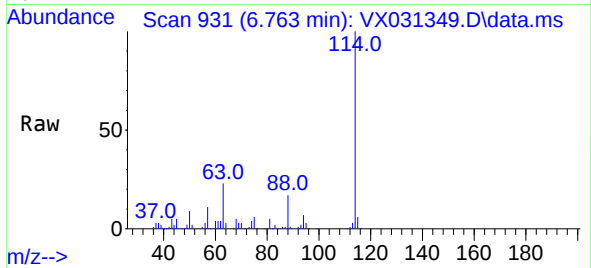




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

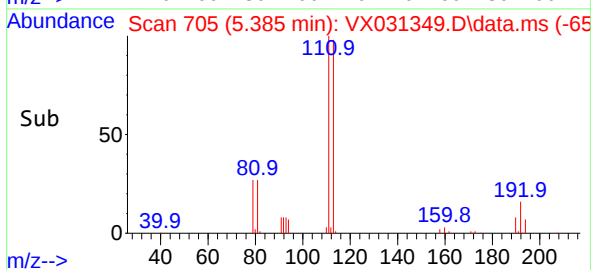
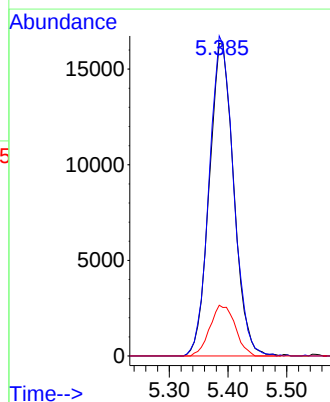
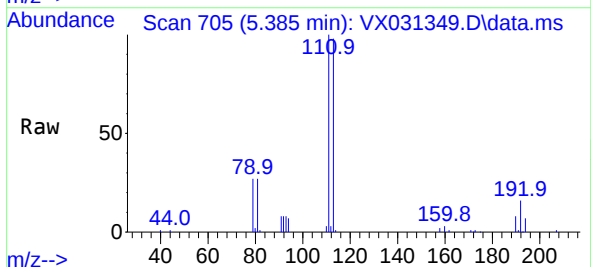
Instrument :
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ClientSampleId :
MBD-WC-S-MP-1-45-46

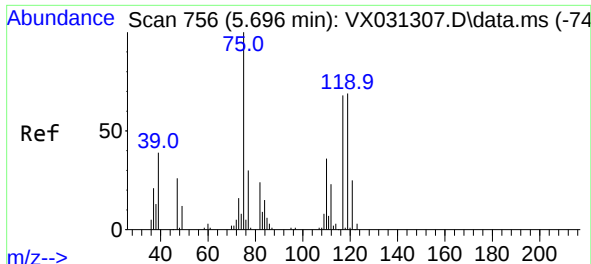
Tgt Ion:	114	Resp:	97608
Ion Ratio	Lower	Upper	
114	100		
63	22.5	0.0	42.6
88	17.1	0.0	33.0



#35
Dibromofluoromethane
Concen: 44.969 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Tgt Ion:	113	Resp:	47182
Ion Ratio	Lower	Upper	
113	100		
111	101.7	82.4	123.6
192	16.8	14.1	21.1





#36

1,1-Dichloropropene

Concen: 3.554 ug/l

RT: 5.556 min Scan# 71

Delta R.T. -0.140 min

Lab File: VX031349.D

Acq: 15 Sep 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

MBD-WC-S-MP-1-45-46

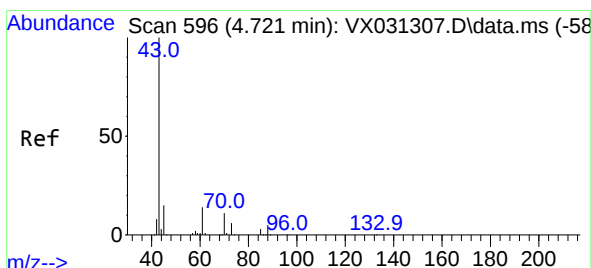
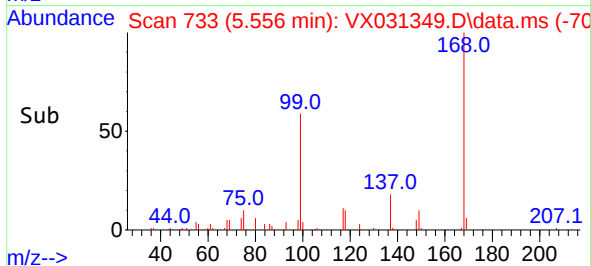
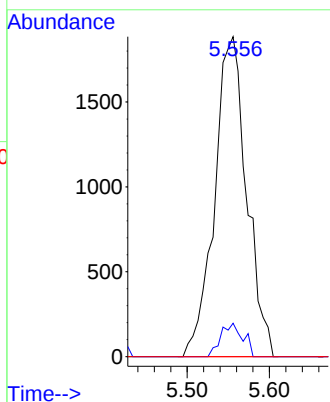
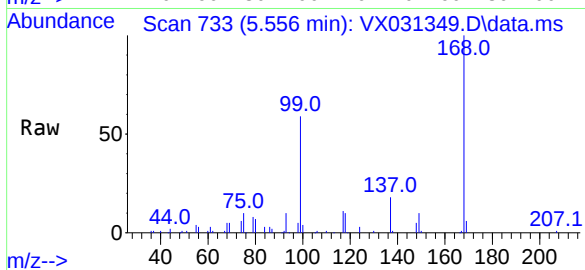
Tgt Ion: 75 Resp: 5104

Ion Ratio Lower Upper

75 100

110 7.2 17.5 52.5#

77 0.0 24.9 37.3#



#37

Ethyl Acetate

Concen: 5.939 ug/l

RT: 4.727 min Scan# 597

Delta R.T. 0.006 min

Lab File: VX031349.D

Acq: 15 Sep 2022 09:29

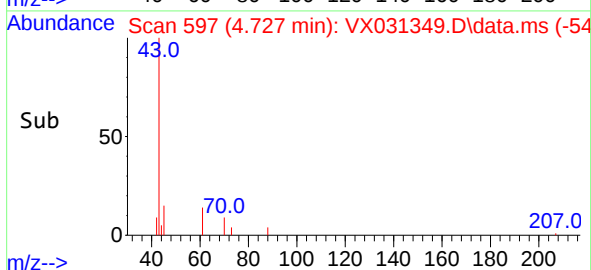
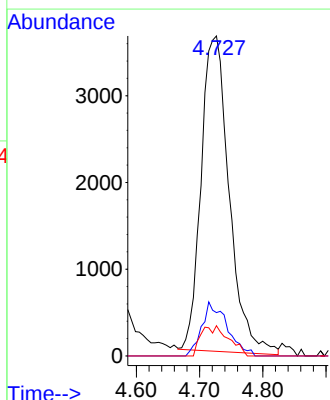
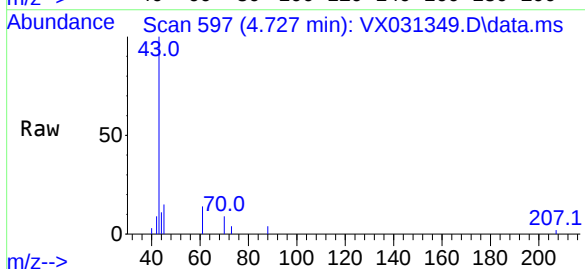
Tgt Ion: 43 Resp: 11209

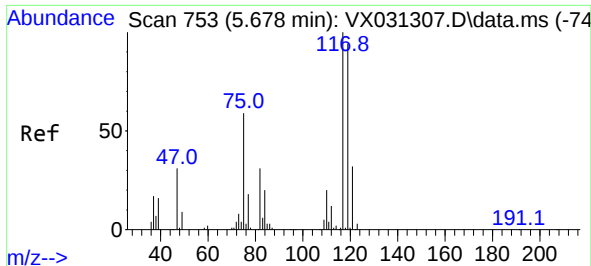
Ion Ratio Lower Upper

43 100

61 15.5 11.1 16.7

70 4.4 8.6 13.0#

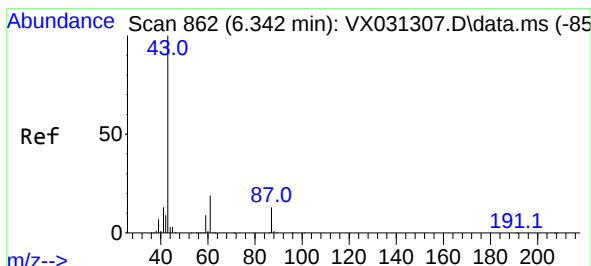
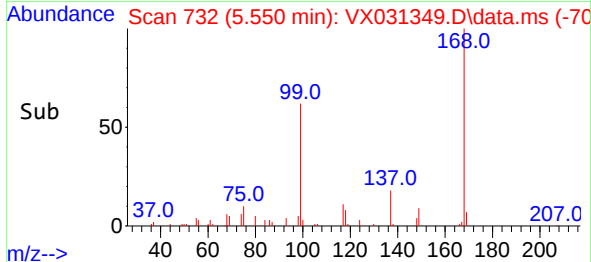
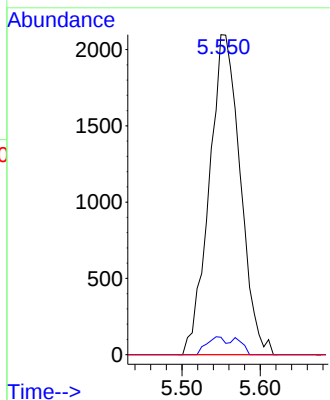
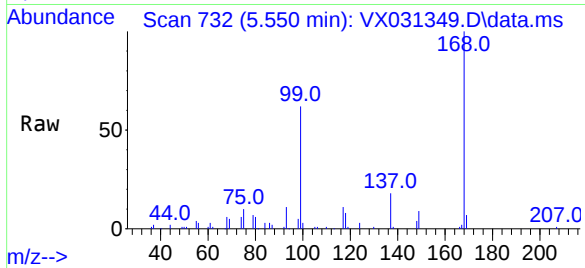




#38
Carbon Tetrachloride
Concen: 3.699 ug/l
RT: 5.550 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

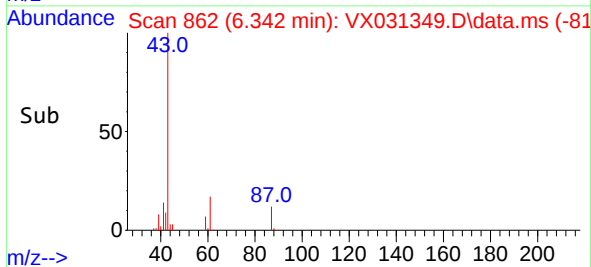
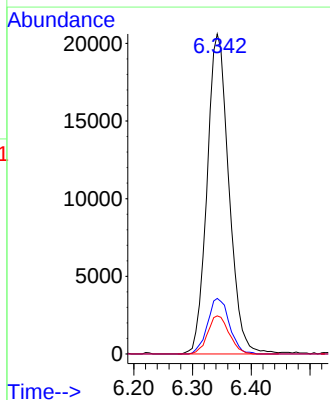
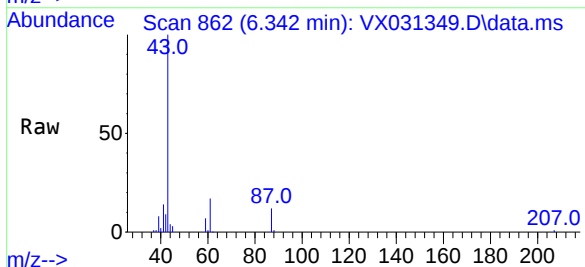
Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-45-46

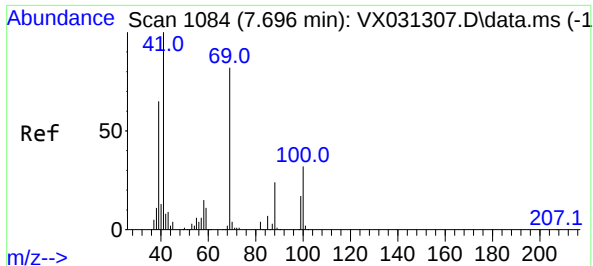
Tgt Ion:117 Resp: 5775
Ion Ratio Lower Upper
117 100
119 5.4 74.6 112.0#
121 0.0 25.3 37.9#



#43
Isopropyl Acetate
Concen: 16.525 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Tgt Ion: 43 Resp: 53234
Ion Ratio Lower Upper
43 100
61 17.3 15.3 22.9
87 11.7 10.6 15.8

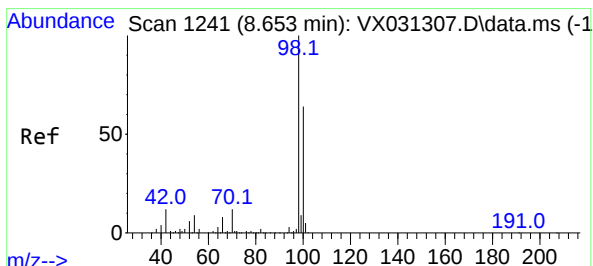
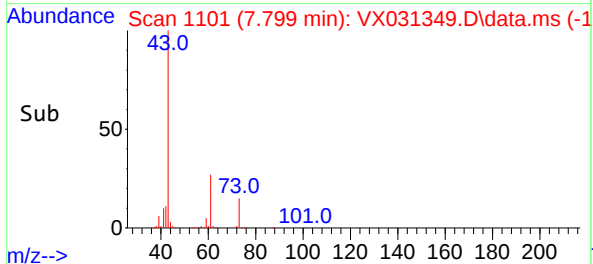
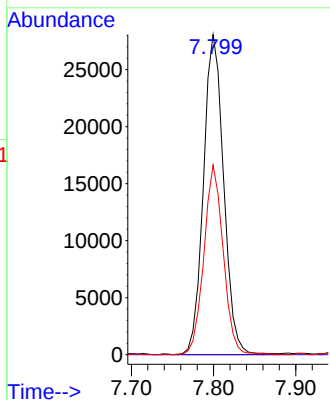
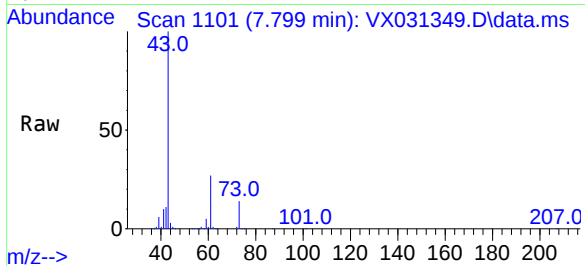




#48
Methyl methacrylate
Concen: 32.700 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

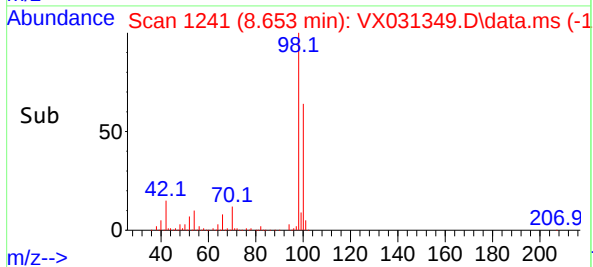
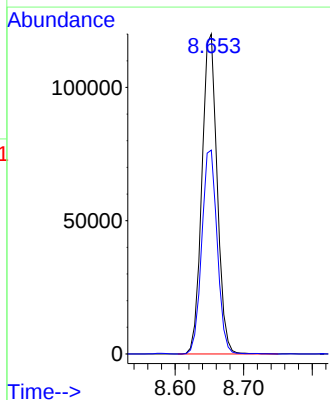
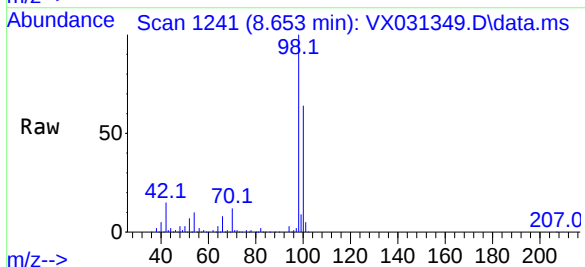
Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-45-46

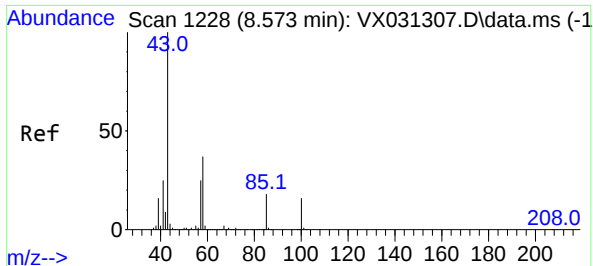
Tgt Ion: 41 Resp: 47953
Ion Ratio Lower Upper
41 100
69 0.0 64.6 96.8#
39 56.8 51.4 77.0



#50
Toluene-d8
Concen: 47.209 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.000 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Tgt Ion: 98 Resp: 185804
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 21.071 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX031349.D

Acq: 15 Sep 2022 09:29

Instrument :

MSVOA_X

ClientSampleId :

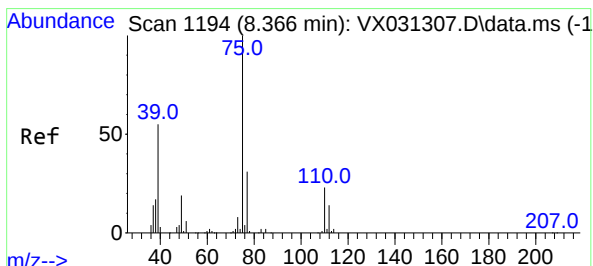
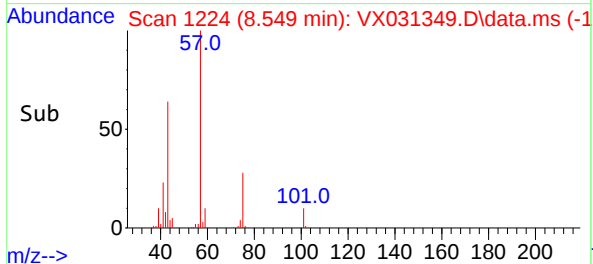
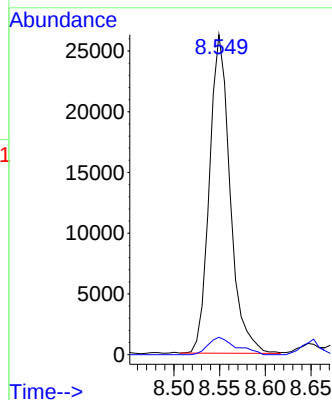
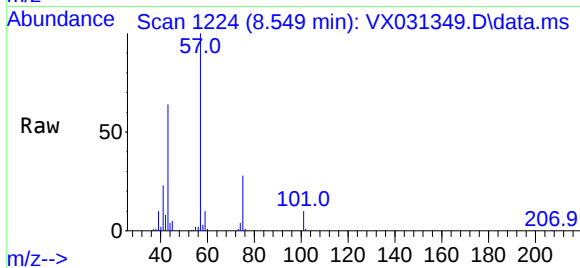
MBD-WC-S-MP-1-45-46

Tgt Ion: 43 Resp: 41259

Ion Ratio Lower Upper

43 100

58 7.3 30.6 46.0#



#54

cis-1,3-Dichloropropene

Concen: 8.831 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX031349.D

Acq: 15 Sep 2022 09:29

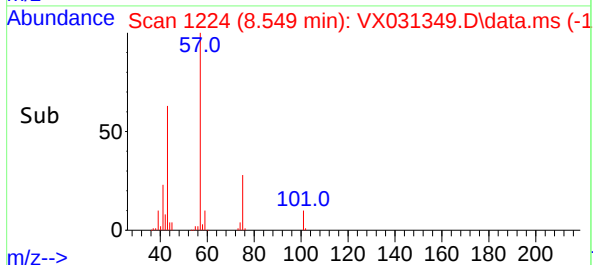
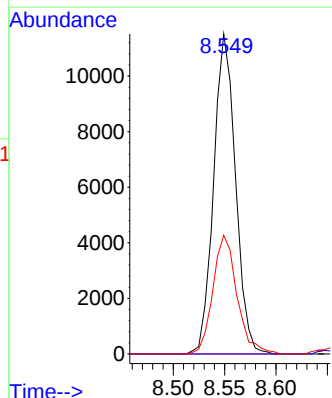
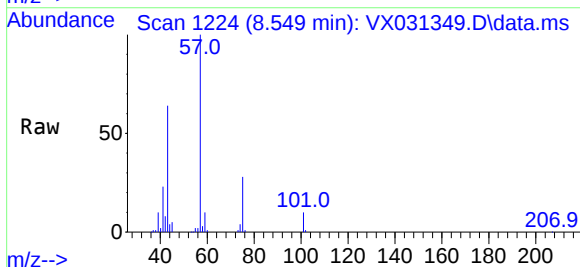
Tgt Ion: 75 Resp: 17007

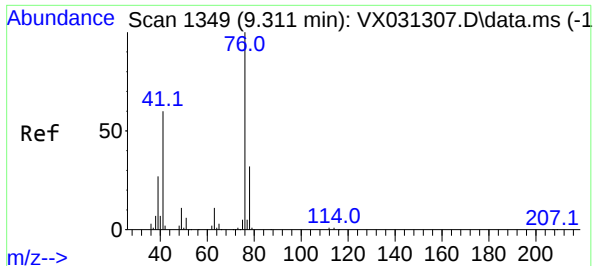
Ion Ratio Lower Upper

75 100

77 0.0 24.4 36.6#

39 37.1 43.7 65.5#

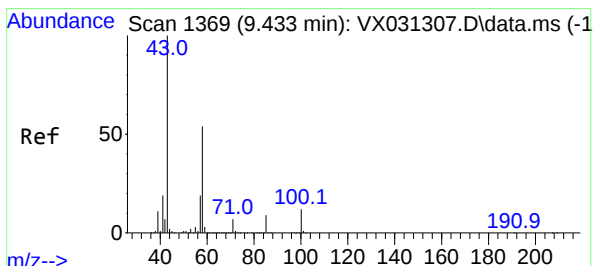
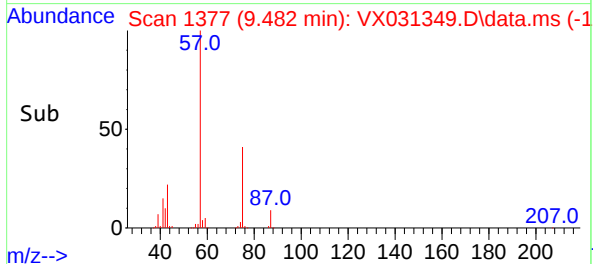
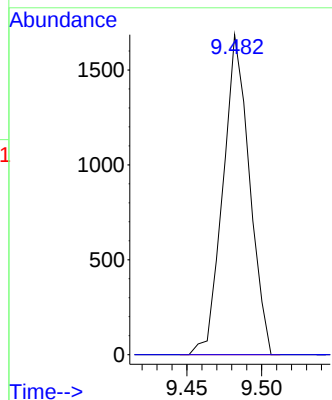
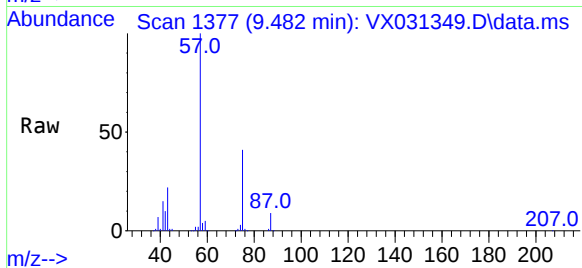




#57
1,3-Dichloropropane
Concen: 1.048 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

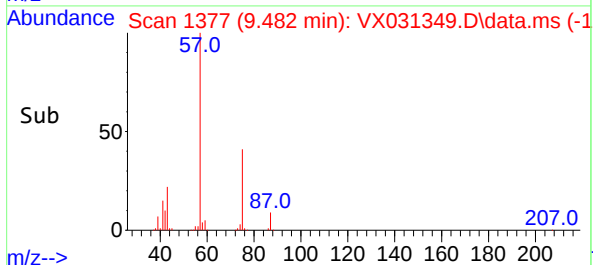
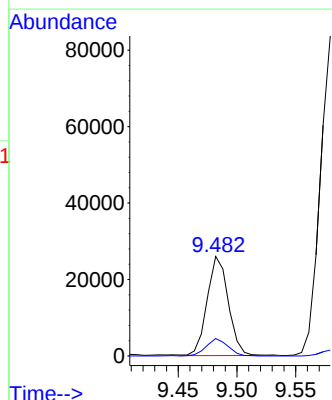
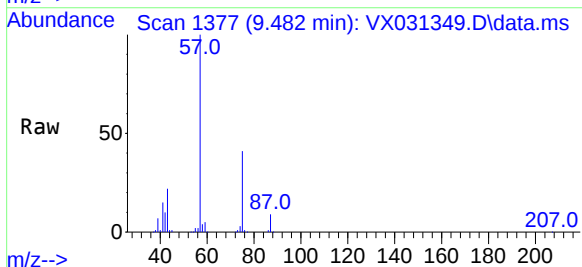
Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-45-46

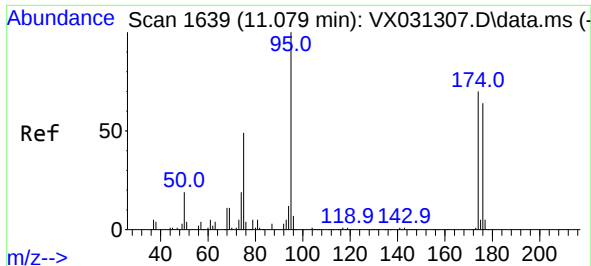
Tgt Ion: 76 Resp: 2074
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#



#59
2-Hexanone
Concen: 21.770 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Tgt Ion: 43 Resp: 32534
Ion Ratio Lower Upper
43 100
58 18.0 26.7 80.0#

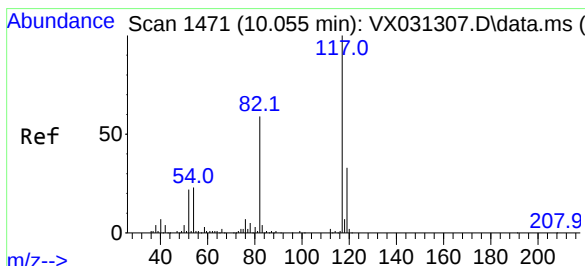
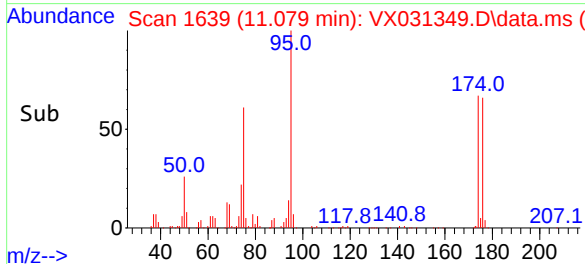
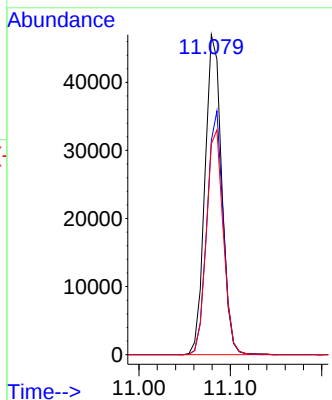
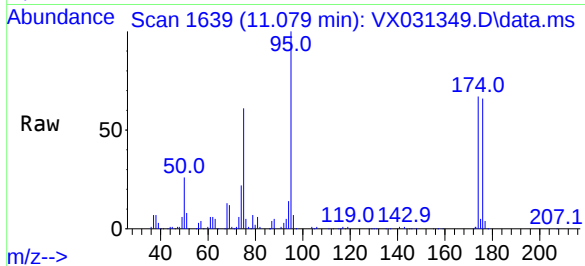




#62
4-Bromofluorobenzene
Concen: 41.488 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

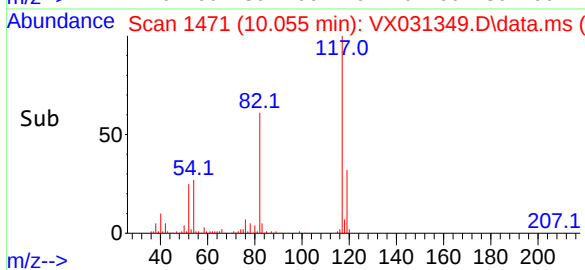
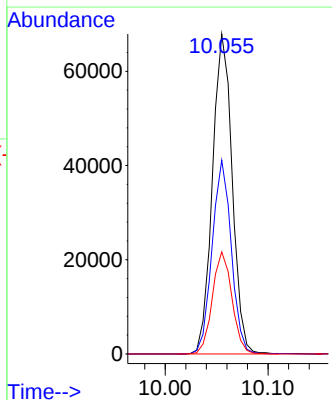
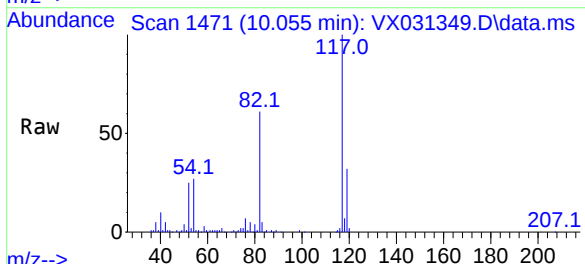
Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-45-46

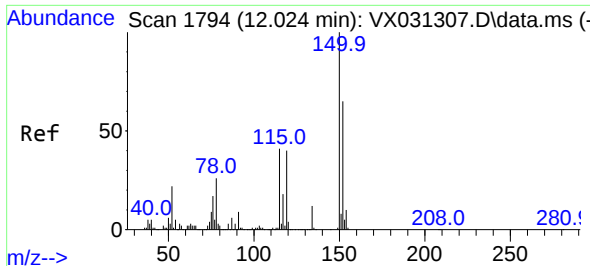
Tgt Ion:	95	Resp:	59794
Ion	Ratio	Lower	Upper
95	100		
174	74.2	0.0	153.2
176	70.5	0.0	144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Tgt Ion:	117	Resp:	90552
Ion	Ratio	Lower	Upper
117	100		
82	60.5	46.8	70.2
119	31.9	26.4	39.6

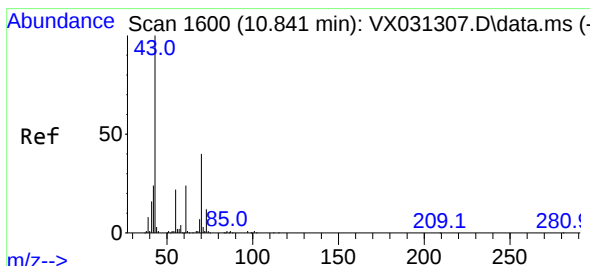
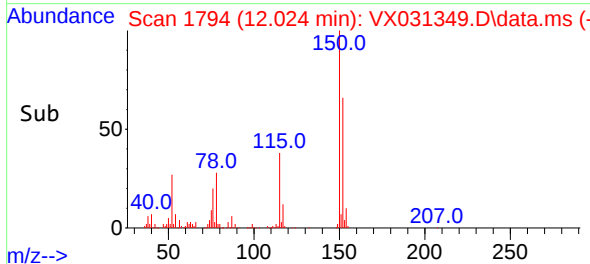
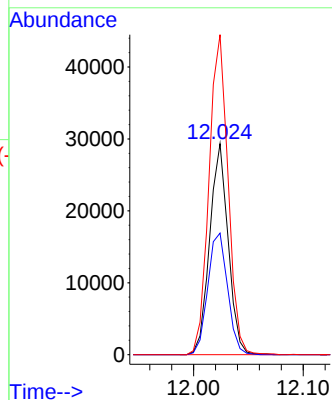
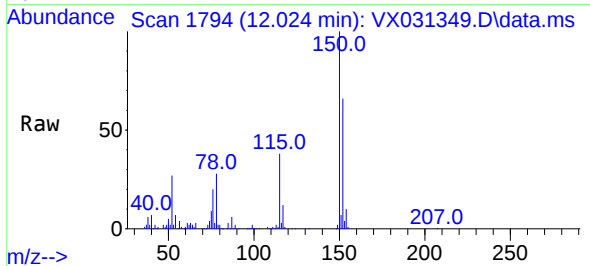




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

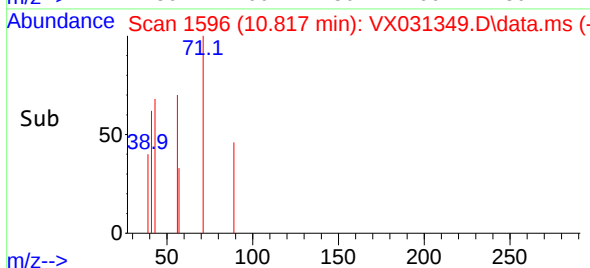
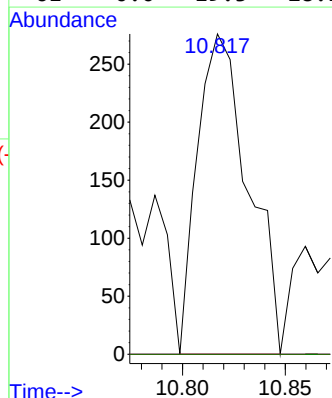
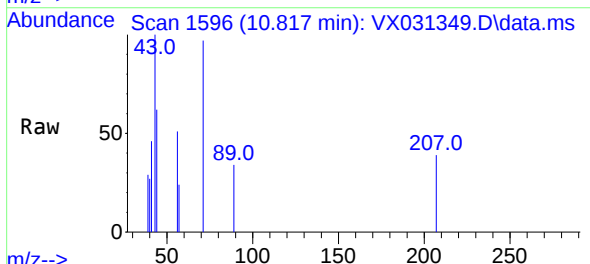
Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-45-46

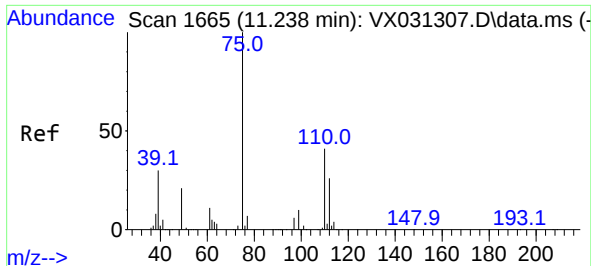
Tgt Ion:152 Resp: 34373
Ion Ratio Lower Upper
152 100
115 61.7 43.4 130.1
150 156.1 0.0 346.8



#74
N-ethyl acetate
Concen: 0.377 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Tgt Ion: 43 Resp: 476
Ion Ratio Lower Upper
43 100
70 0.0 33.4 50.2#
55 0.0 18.2 27.2#
61 0.0 19.3 28.9#

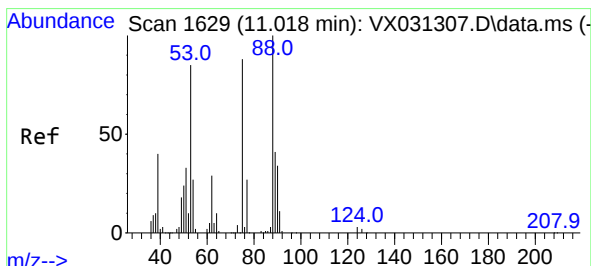
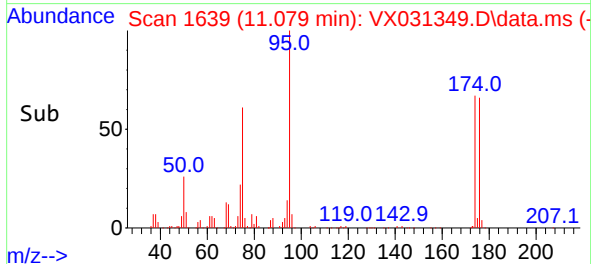
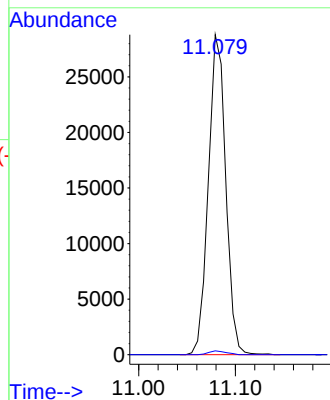
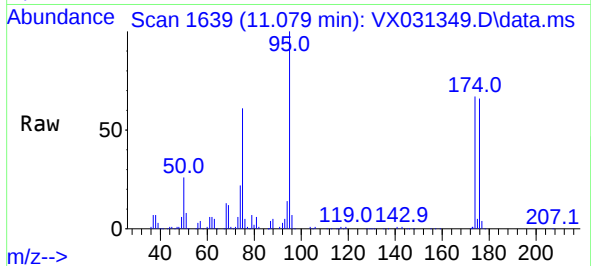




#76
1,2,3-Trichloropropane
Concen: 41.516 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Instrument :
MSVOA_X
ClientSampleId :
MBD-WC-S-MP-1-45-46

Tgt Ion: 75 Resp: 35961
Ion Ratio Lower Upper
75 100
77 1.2 20.3 60.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 114.875 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX031349.D
Acq: 15 Sep 2022 09:29

Tgt Ion: 75 Resp: 35961
Ion Ratio Lower Upper
75 100
53 0.0 77.6 116.4#
89 0.0 37.4 56.0#

