

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
 Data File : VX031347.D
 Acq On : 15 Sep 2022 08:42
 Operator : JC/MD
 Sample : N4579-24
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Sep 15 11:13:29 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)

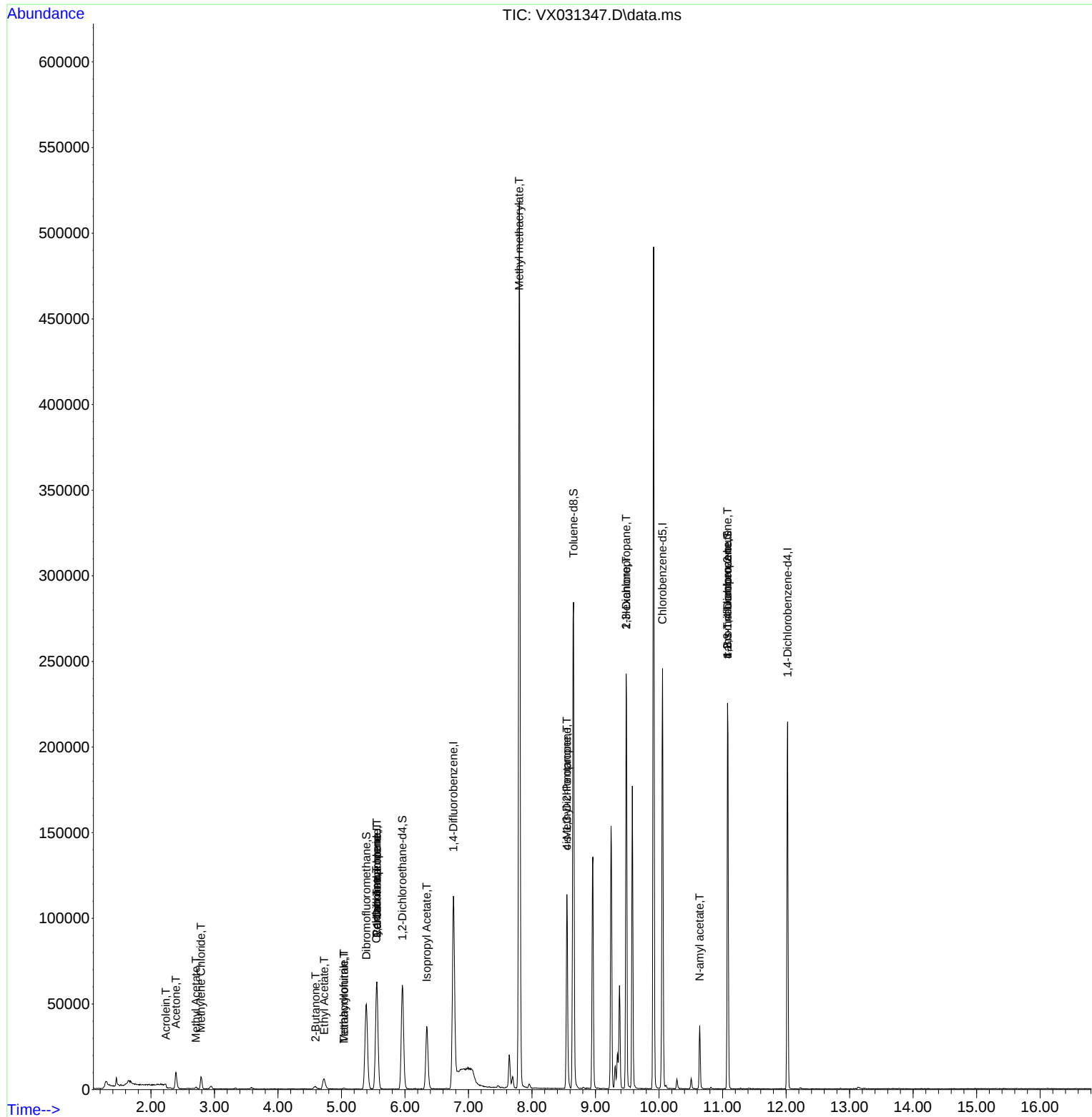
Internal Standards						
1) Pentafluorobenzene	5.556	168	55082	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	100750	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	95073	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	38736	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	56477	41.773	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.540%
35) Dibromofluoromethane	5.391	113	42053	38.830	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	77.660%
50) Toluene-d8	8.653	98	160581	39.528	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	79.060%#
62) 4-Bromofluorobenzene	11.079	95	53307	35.833	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	71.660%#
Target Compounds						
					Qvalue	
3) Chloromethane	1.294	50	279	Below Cal	#	41
11) Tert butyl alcohol	2.953	59	1000	Below Cal	#	73
13) Acrolein	2.233	56	201	1.288	ug/l #	79
16) Acetone	2.392	43	11996	20.784	ug/l	98
18) Methyl Acetate	2.709	43	1458	0.852	ug/l #	84
20) Methylene Chloride	2.788	84	2909	0.867	ug/l	91
21) trans-1,2-Dichloroethene	3.081	96	24	Below Cal	#	1
25) 2-Butanone	4.593	43	2127	2.234	ug/l #	78
29) Tetrahydrofuran	5.038	42	530	0.899	ug/l #	55
31) Cyclohexane	5.550	56	1658	1.141	ug/l #	60
36) 1,1-Dichloropropene	5.556	75	5407	3.648	ug/l #	48
37) Ethyl Acetate	4.727	43	11000	5.647	ug/l	99
38) Carbon Tetrachloride	5.556	117	5644	3.503	ug/l #	16
41) Methacrylonitrile	5.038	41	334	0.317	ug/l #	23
43) Isopropyl Acetate	6.342	43	50997	15.337	ug/l	97
48) Methyl methacrylate	7.799	41	45310	29.934	ug/l #	45
51) 4-Methyl-2-Pentanone	8.549	43	39866	19.725	ug/l #	49
54) cis-1,3-Dichloropropene	8.549	75	16529	8.315	ug/l #	64
57) 1,3-Dichloropropane	9.482	76	2068	1.013	ug/l #	43
59) 2-Hexanone	9.482	43	29973	19.431	ug/l #	51
74) N-amyl acetate	10.640	43	10278	7.226	ug/l #	51
76) 1,2,3-Trichloropropane	11.079	75	31164	31.925	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	31164	88.338	ug/l #	11

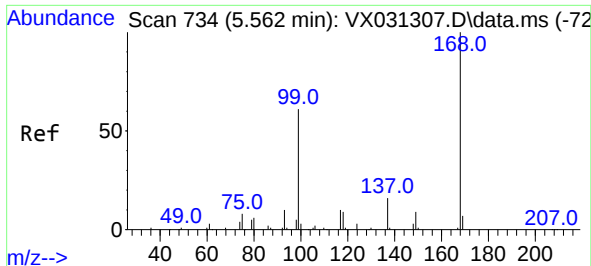
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091422\
Data File : VX031347.D
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Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 51 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Sep 15 11:13:29 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

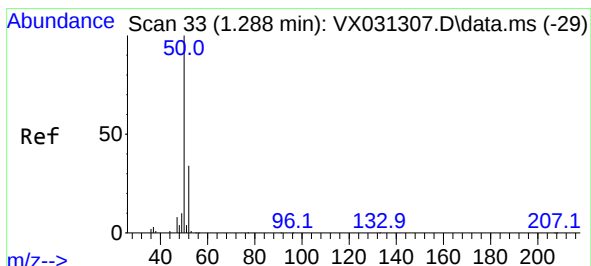
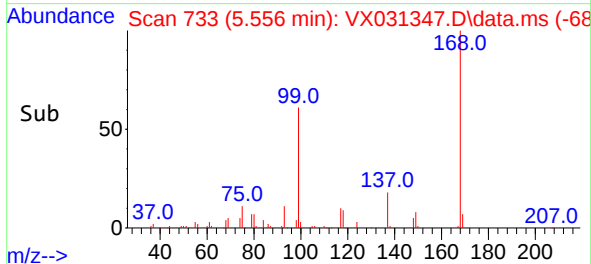
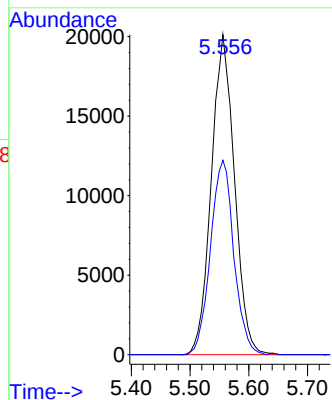
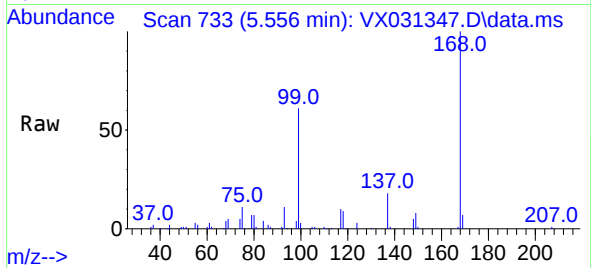




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

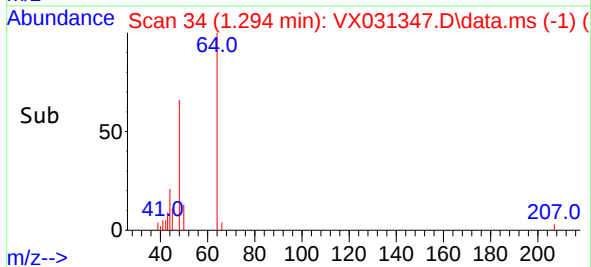
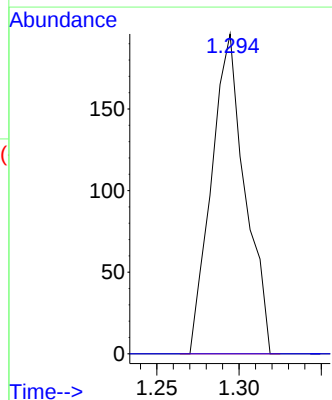
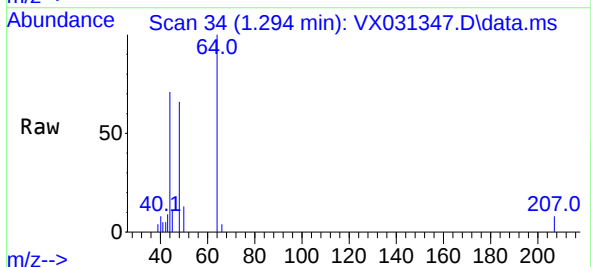
Instrument :
MSVOA_X
ClientSampleId :

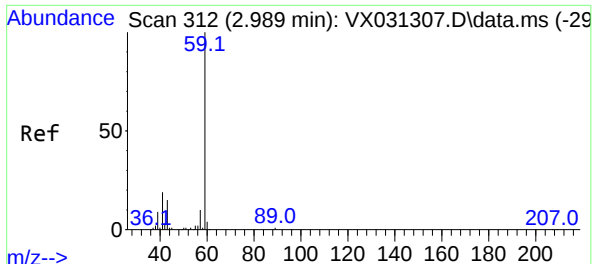
Tgt Ion:168 Resp: 55082
Ion Ratio Lower Upper
168 100
99 60.8 48.8 73.2



#3
Chloromethane
Concen: Below Cal
RT: 1.294 min Scan# 34
Delta R.T. 0.006 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

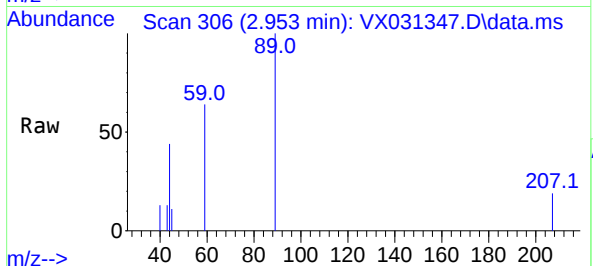
Tgt Ion: 50 Resp: 279
Ion Ratio Lower Upper
50 100
52 0.0 26.9 40.3#



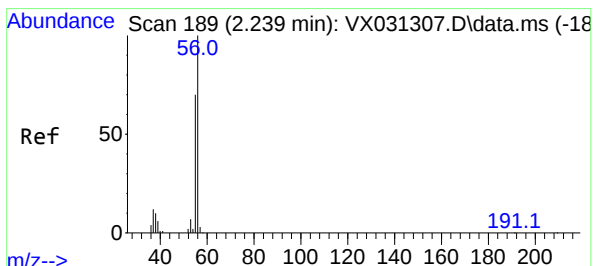
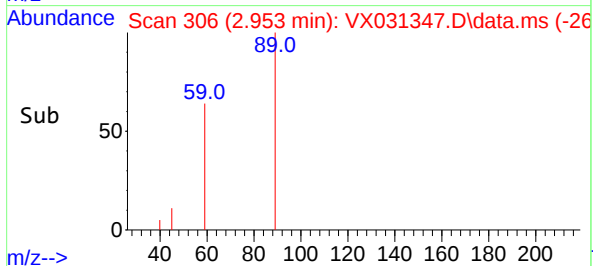
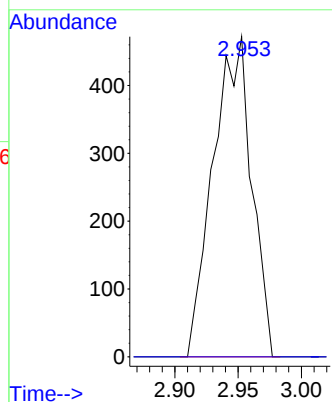


#11
Tert butyl alcohol
Concen: Below Cal
RT: 2.953 min Scan# 306
Delta R.T. -0.036 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Instrument :
MSVOA_X
ClientSampleId :

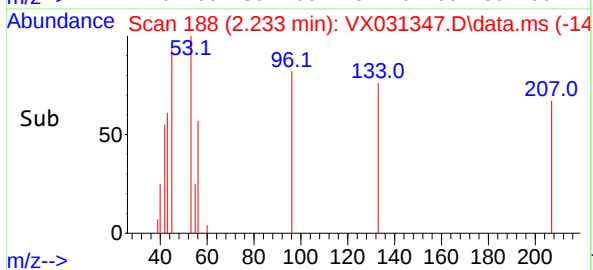
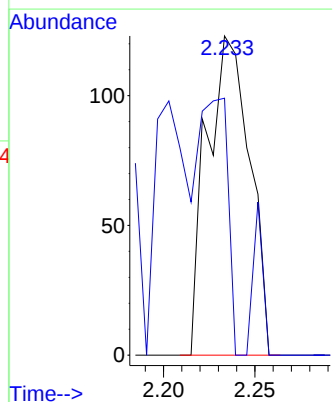
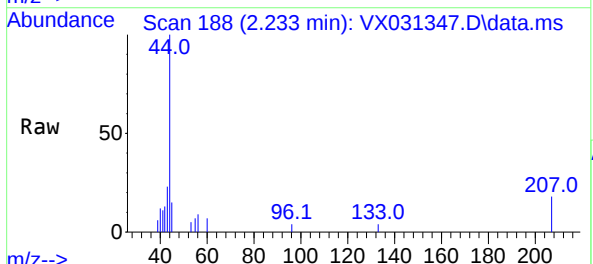


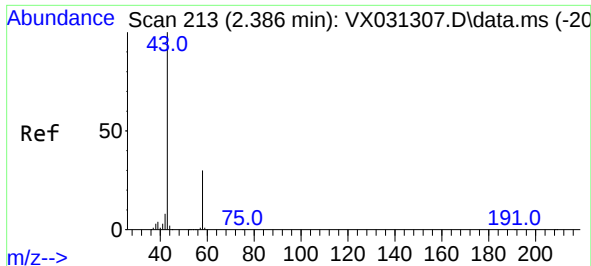
Tgt Ion: 59 Resp: 1000
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.2#



#13
Acrolein
Concen: 1.288 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.006 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Tgt Ion: 56 Resp: 201
Ion Ratio Lower Upper
56 100
55 52.7 56.0 84.0#

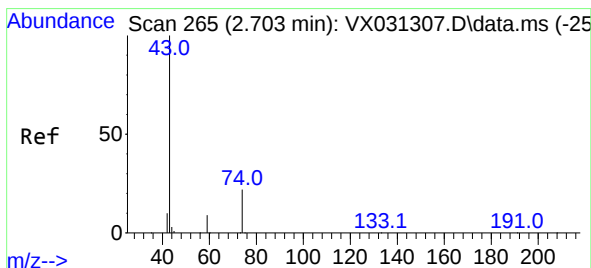
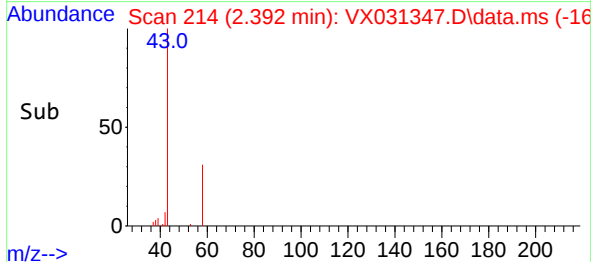
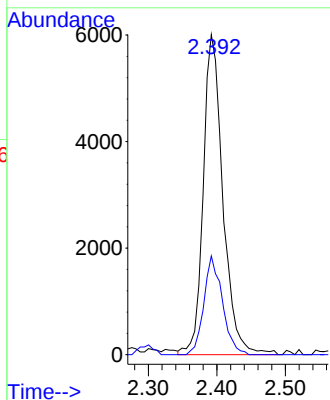
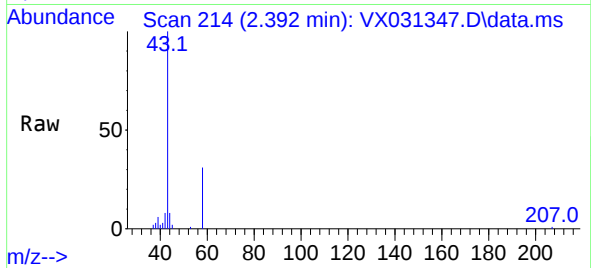




#16
Acetone
Concen: 20.784 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

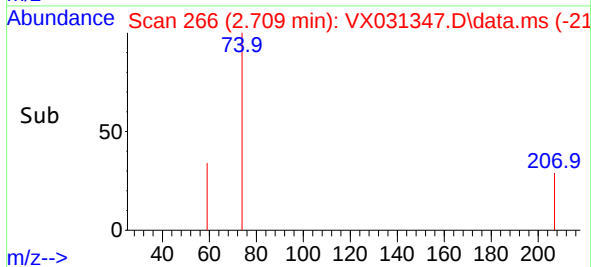
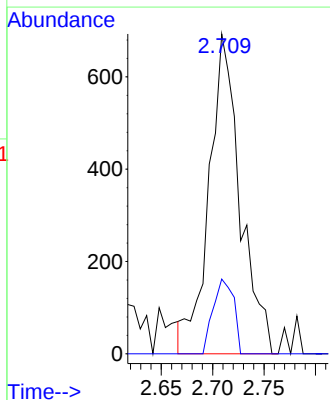
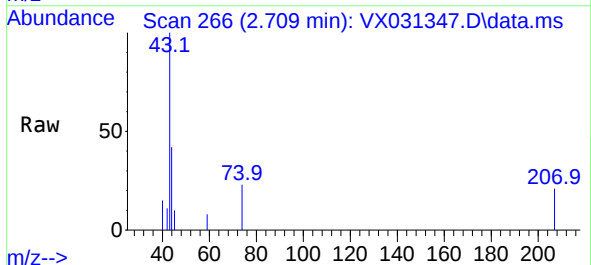
Instrument :
MSVOA_X
ClientSampleId :

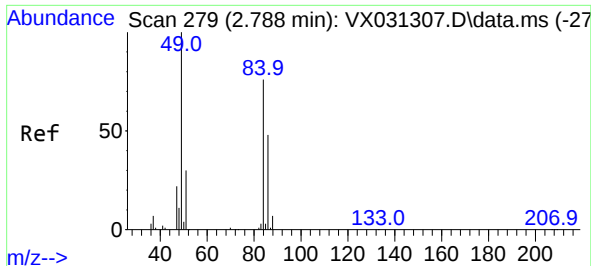
Tgt Ion: 43 Resp: 11996
Ion Ratio Lower Upper
43 100
58 30.8 23.8 35.8



#18
Methyl Acetate
Concen: 0.852 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

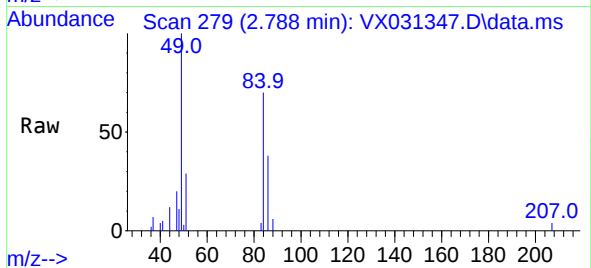
Tgt Ion: 43 Resp: 1458
Ion Ratio Lower Upper
43 100
74 15.4 18.6 27.8#



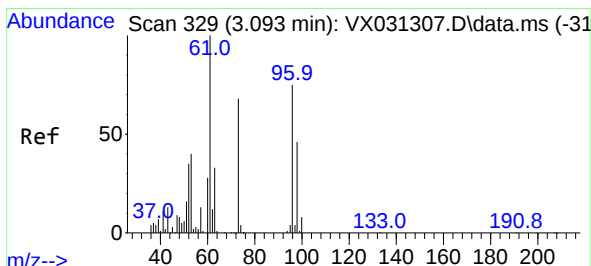
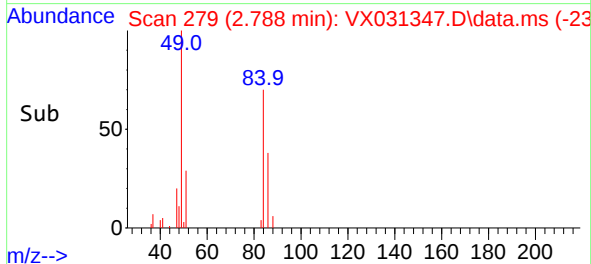
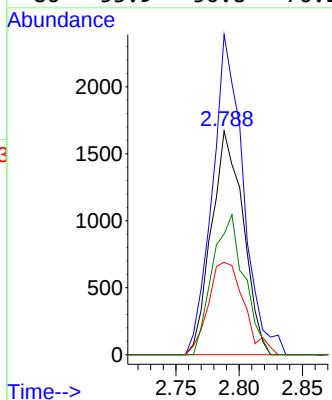


#20
Methylene Chloride
Concen: 0.867 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Instrument :
MSVOA_X
ClientSampleId :

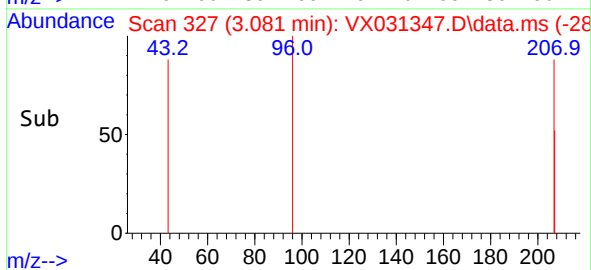
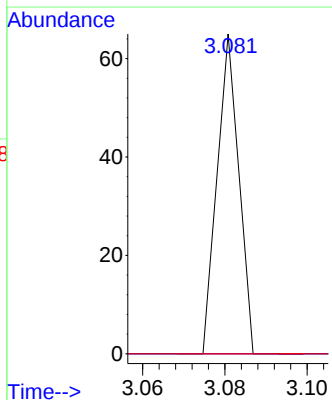
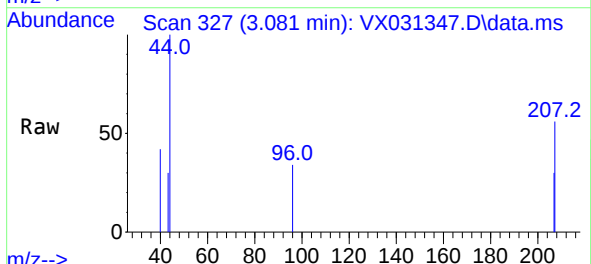


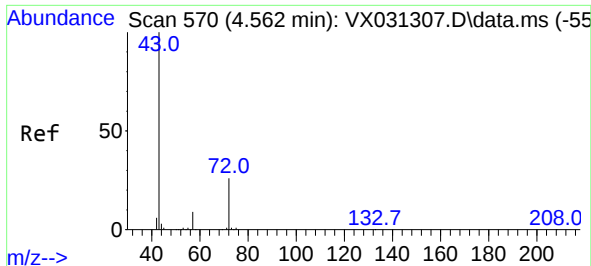
Tgt Ion: 84 Resp: 2909
Ion Ratio Lower Upper
84 100
49 143.1 105.9 158.9
51 41.3 32.2 48.2
86 53.9 50.8 76.2



#21
trans-1,2-Dichloroethene
Concen: Below Cal
RT: 3.081 min Scan# 327
Delta R.T. -0.012 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Tgt Ion: 96 Resp: 24
Ion Ratio Lower Upper
96 100
61 0.0 106.7 160.1#
98 0.0 48.7 73.1#

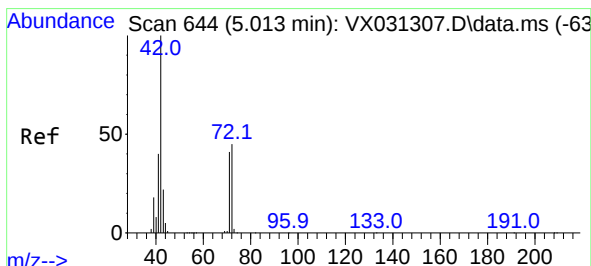
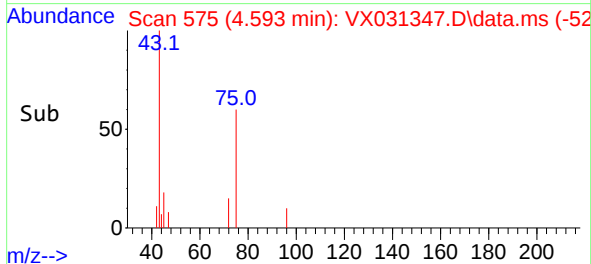
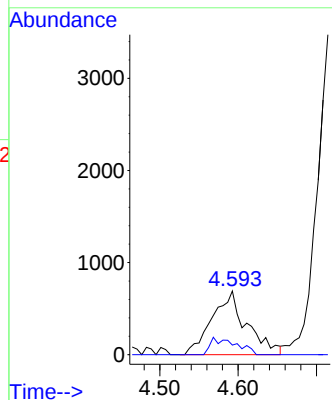
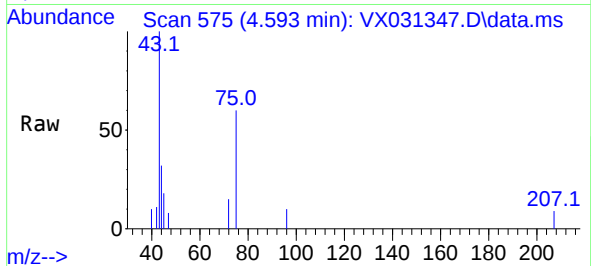




#25
2-Butanone
Concen: 2.234 ug/l
RT: 4.593 min Scan# 51
Delta R.T. 0.031 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

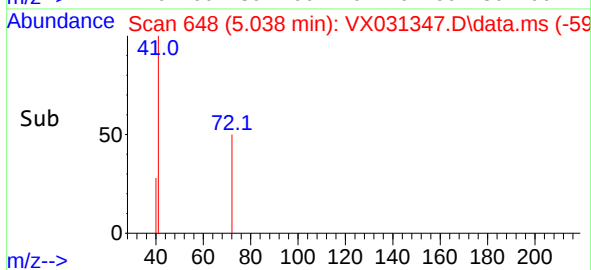
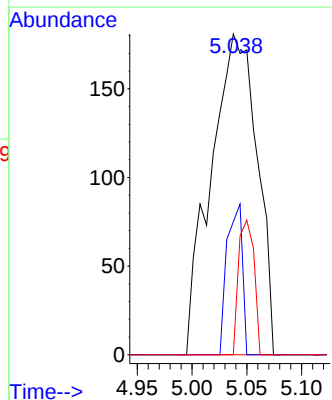
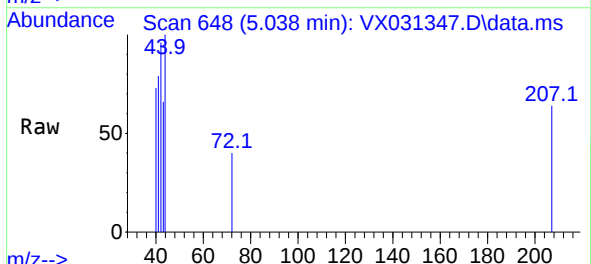
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MSVOA_X
ClientSampleId :

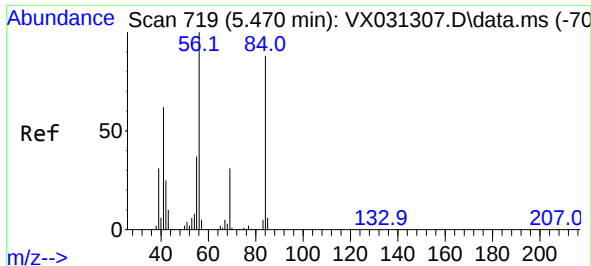
Tgt Ion: 43 Resp: 2127
Ion Ratio Lower Upper
43 100
72 15.2 21.1 31.7#



#29
Tetrahydrofuran
Concen: 0.899 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.025 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

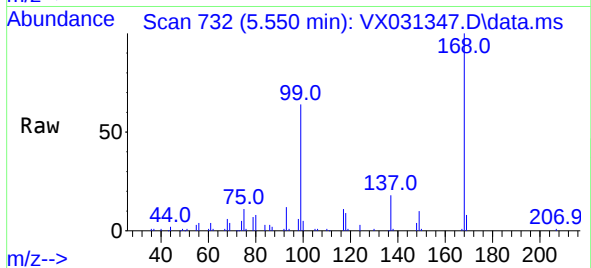
Tgt Ion: 42 Resp: 530
Ion Ratio Lower Upper
42 100
72 15.5 36.4 54.6#
71 14.0 33.5 50.3#



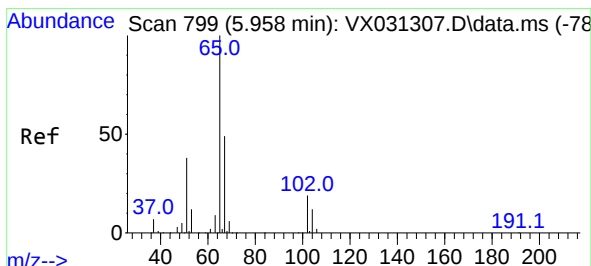
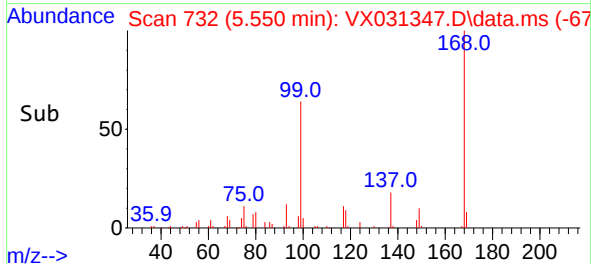
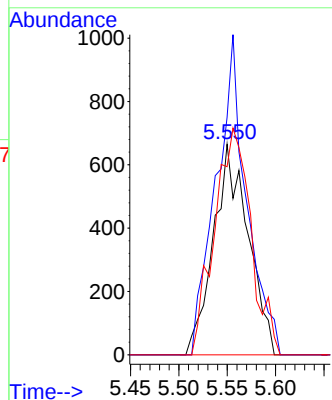


#31
Cyclohexane
Concen: 1.141 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Instrument :
MSVOA_X
ClientSampleId :

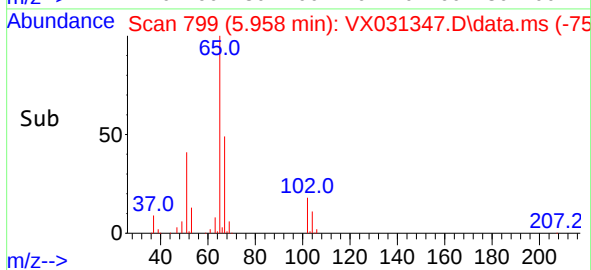
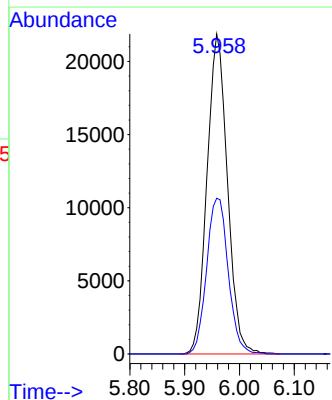
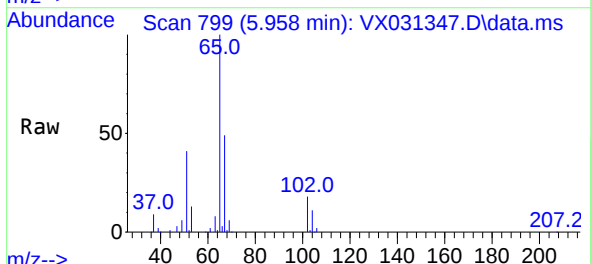


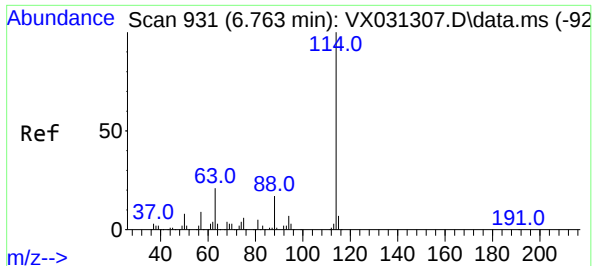
Tgt Ion: 56 Resp: 1658
Ion Ratio Lower Upper
56 100
69 112.8 25.1 37.7#
84 89.3 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 41.773 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

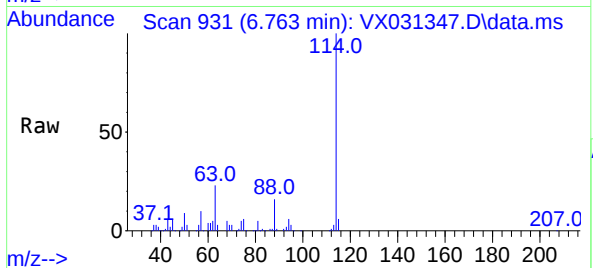
Tgt Ion: 65 Resp: 56477
Ion Ratio Lower Upper
65 100
67 51.4 0.0 102.4



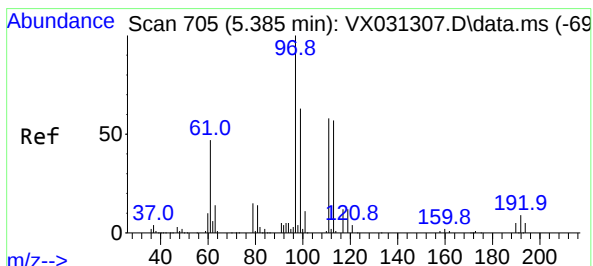
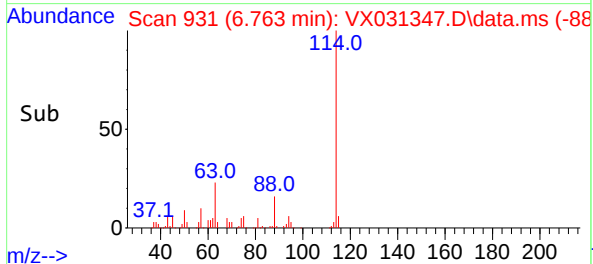
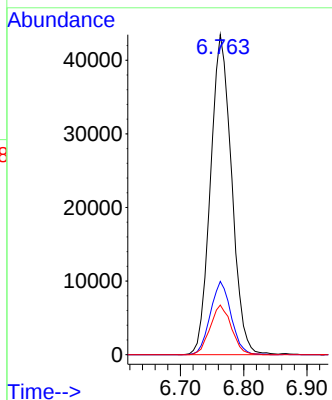


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Instrument :
MSVOA_X
ClientSampleId :

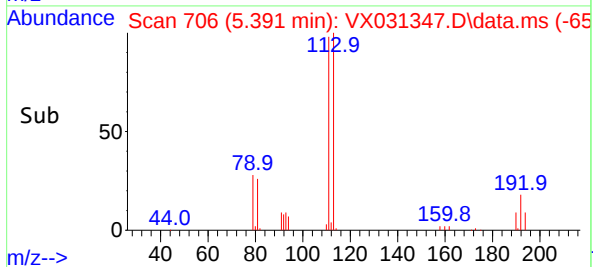
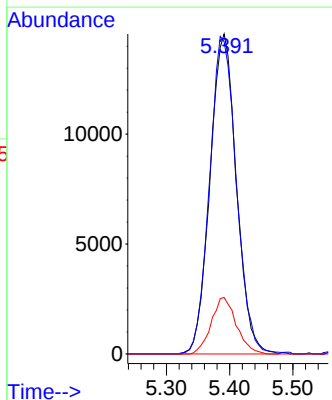
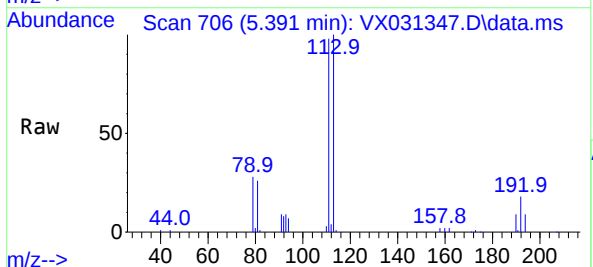


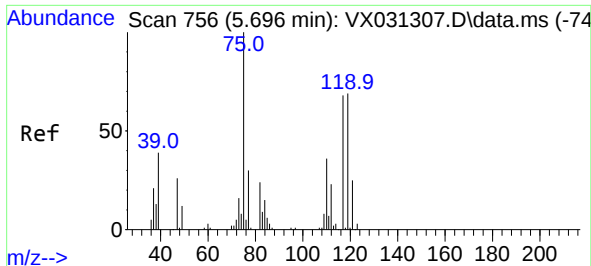
Tgt Ion:114 Resp: 100750
Ion Ratio Lower Upper
114 100
63 22.9 0.0 42.6
88 15.5 0.0 33.0



#35
Dibromofluoromethane
Concen: 38.830 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

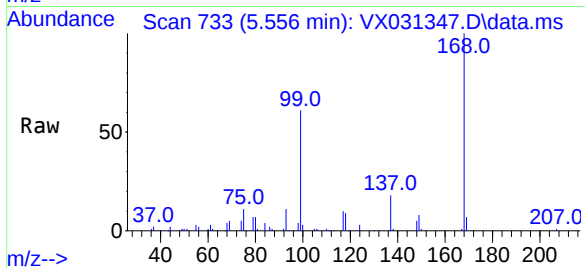
Tgt Ion:113 Resp: 42053
Ion Ratio Lower Upper
113 100
111 100.9 82.4 123.6
192 16.8 14.1 21.1



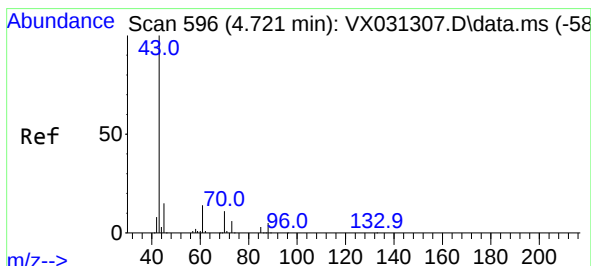
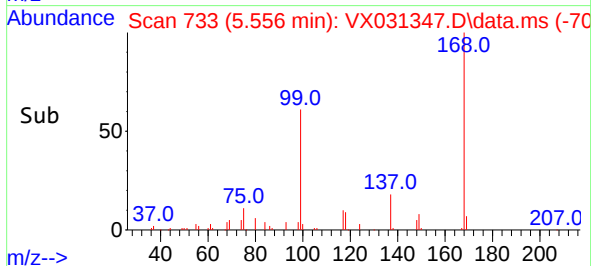
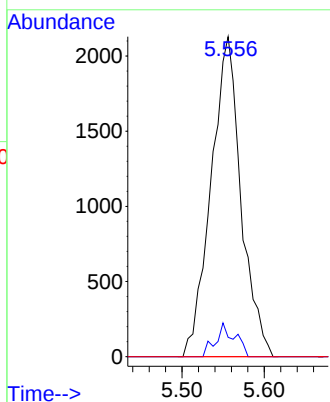


#36
1,1-Dichloropropene
Concen: 3.648 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Instrument :
MSVOA_X
ClientSampleId :

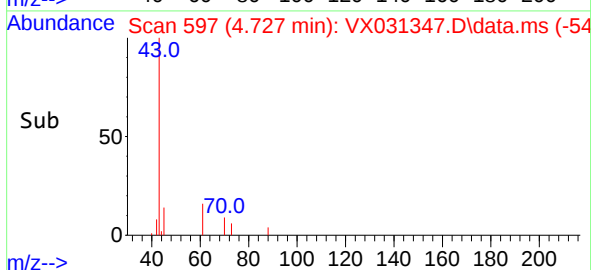
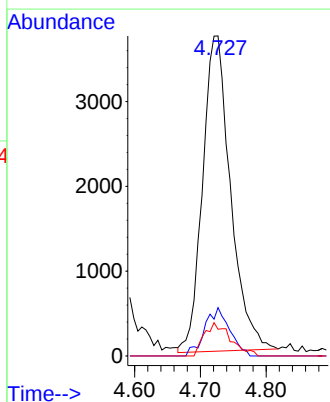
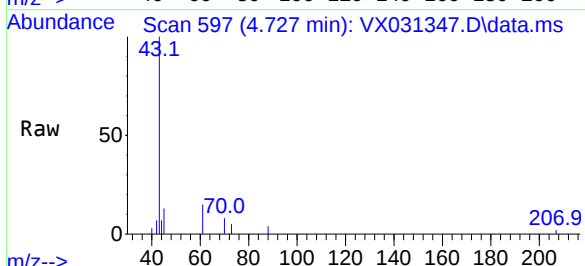


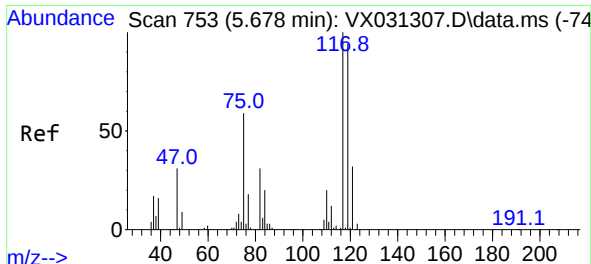
Tgt Ion: 75 Resp: 5407
Ion Ratio Lower Upper
75 100
110 6.6 17.5 52.5#
77 0.0 24.9 37.3#



#37
Ethyl Acetate
Concen: 5.647 ug/l
RT: 4.727 min Scan# 597
Delta R.T. 0.006 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

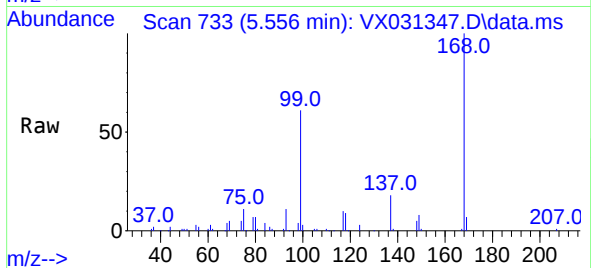
Tgt Ion: 43 Resp: 11000
Ion Ratio Lower Upper
43 100
61 13.6 11.1 16.7
70 10.0 8.6 13.0



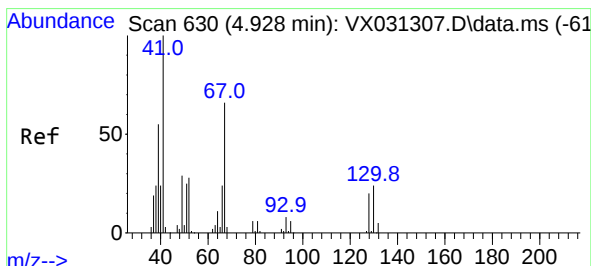
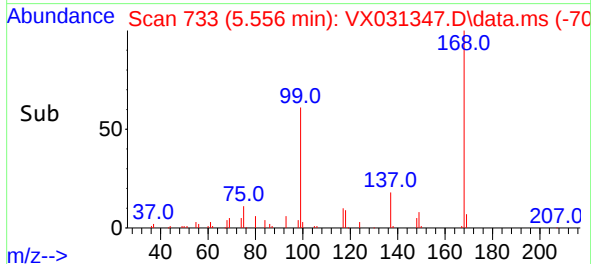
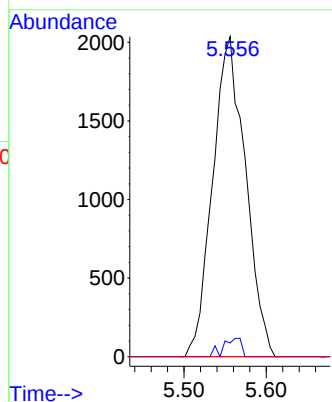


#38
Carbon Tetrachloride
Concen: 3.503 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Instrument :
MSVOA_X
ClientSampleId :

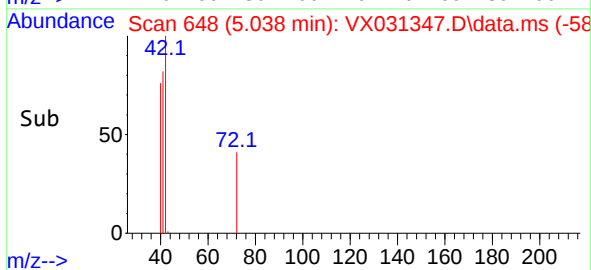
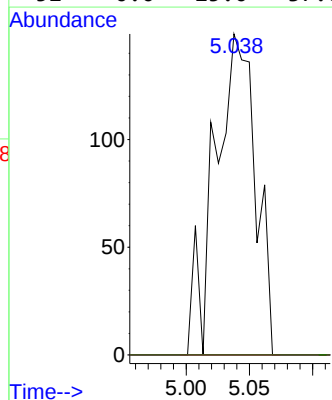
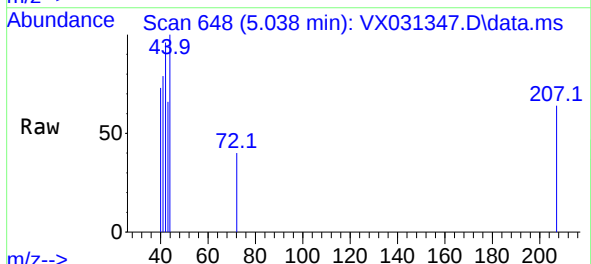


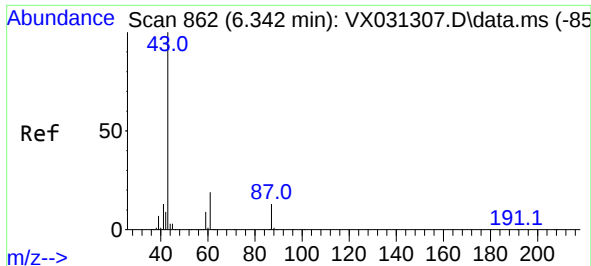
Tgt Ion:117 Resp: 5644
Ion Ratio Lower Upper
117 100
119 4.3 74.6 112.0#
121 0.0 25.3 37.9#



#41
Methacrylonitrile
Concen: 0.317 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.110 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Tgt Ion: 41 Resp: 334
Ion Ratio Lower Upper
41 100
39 0.0 45.0 67.6#
67 0.0 58.2 87.4#
52 0.0 25.0 37.6#





#43

Isopropyl Acetate

Concen: 15.337 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.000 min

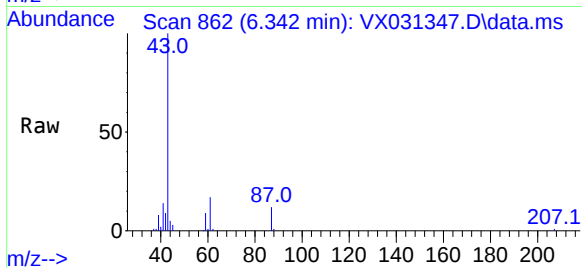
Lab File: VX031347.D

Acq: 15 Sep 2022 08:42

Instrument :

MSVOA_X

ClientSampleId :



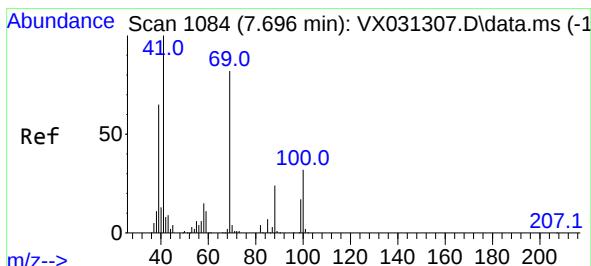
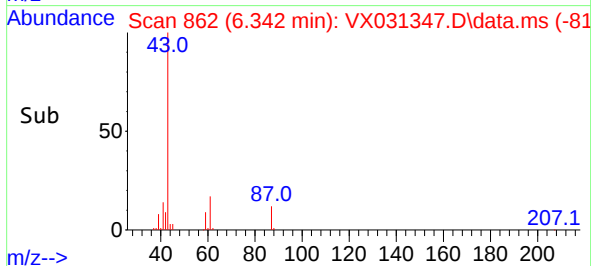
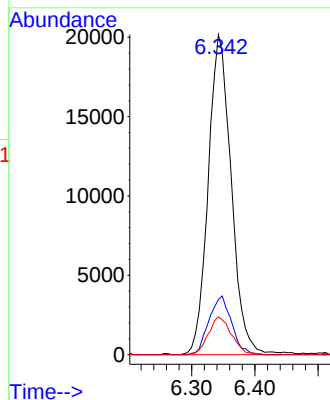
Tgt Ion: 43 Resp: 50997

Ion Ratio Lower Upper

43 100

61 18.0 15.3 22.9

87 11.9 10.6 15.8



#48

Methyl methacrylate

Concen: 29.934 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX031347.D

Acq: 15 Sep 2022 08:42

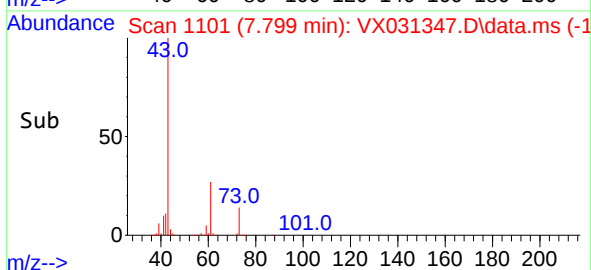
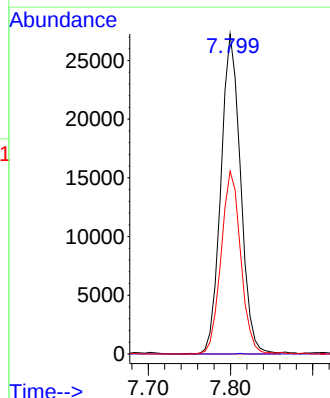
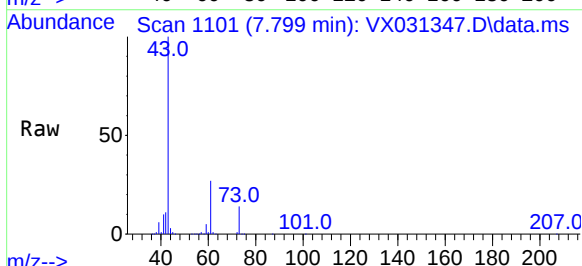
Tgt Ion: 41 Resp: 45310

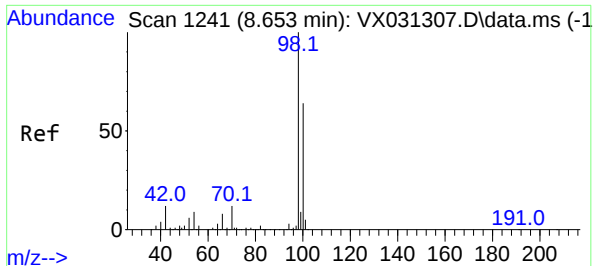
Ion Ratio Lower Upper

41 100

69 0.0 64.6 96.8#

39 57.3 51.4 77.0

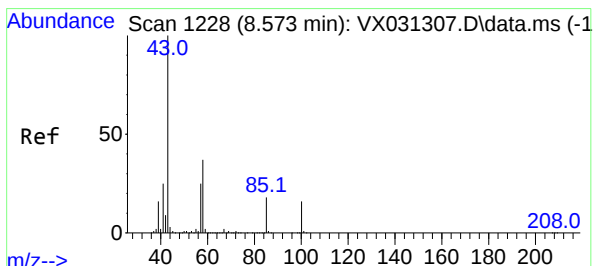
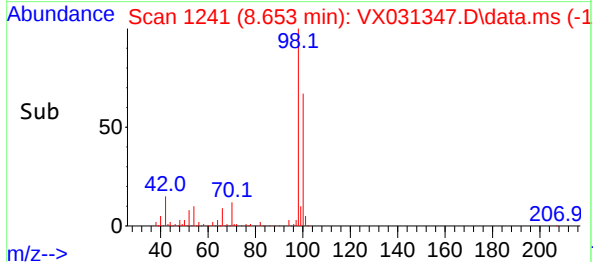
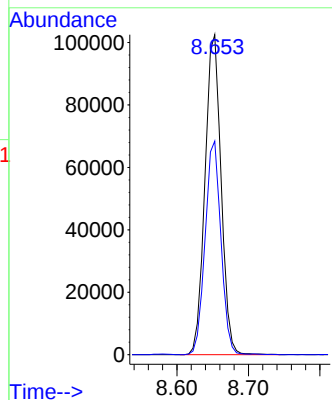
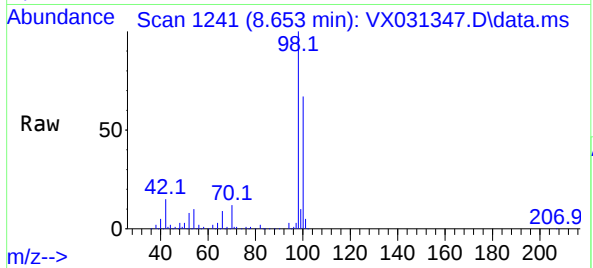




#50
Toluene-d8
Concen: 39.528 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

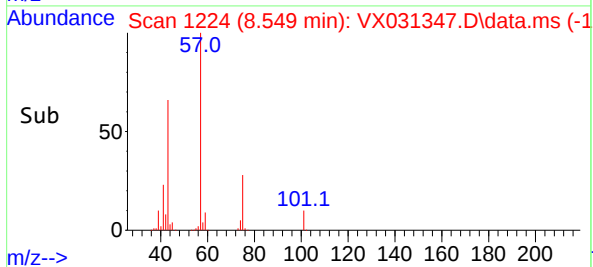
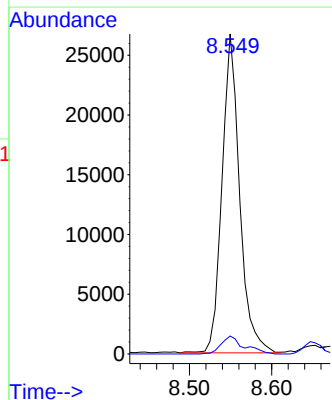
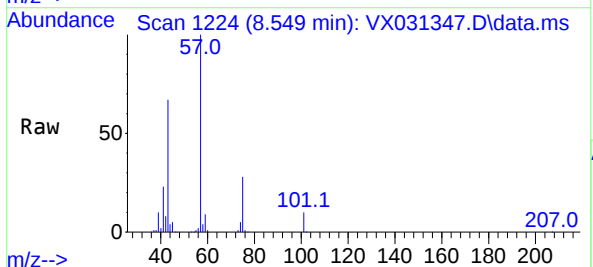
Instrument :
MSVOA_X
ClientSampleId :

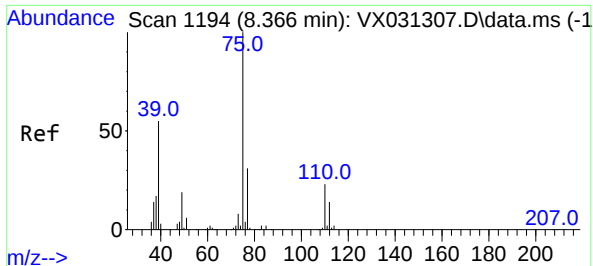
Tgt Ion: 98 Resp: 160581
Ion Ratio Lower Upper
98 100
100 65.4 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 19.725 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

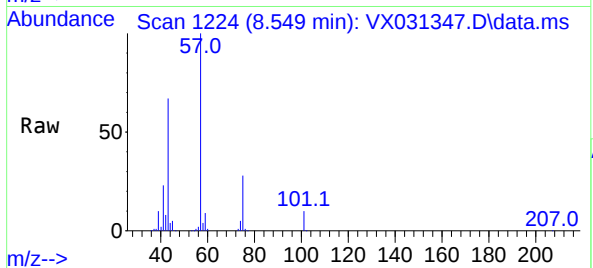
Tgt Ion: 43 Resp: 39866
Ion Ratio Lower Upper
43 100
58 7.2 30.6 46.0#



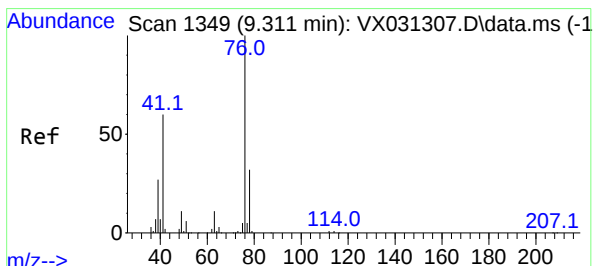
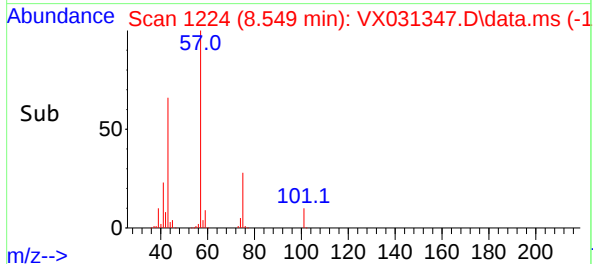
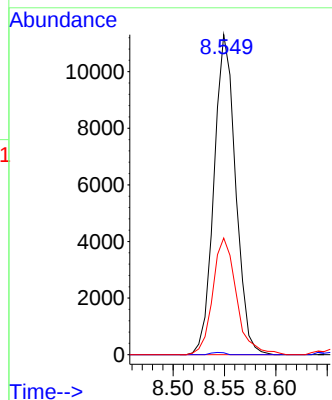


#54
cis-1,3-Dichloropropene
Concen: 8.315 ug/l
RT: 8.549 min Scan# 1194
Delta R.T. 0.183 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Instrument :
MSVOA_X
ClientSampleId :

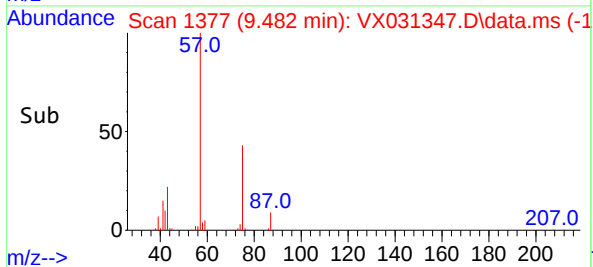
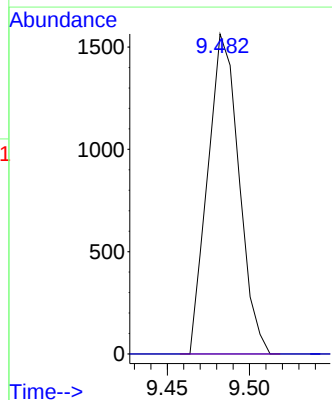
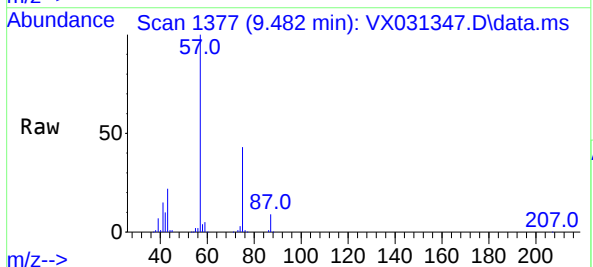


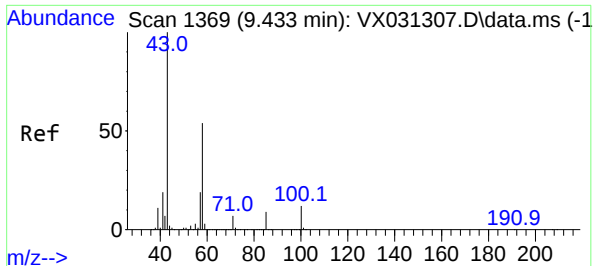
Tgt Ion: 75 Resp: 16529
Ion Ratio Lower Upper
75 100
77 0.6 24.4 36.6#
39 36.5 43.7 65.5#



#57
1,3-Dichloropropane
Concen: 1.013 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Tgt Ion: 76 Resp: 2068
Ion Ratio Lower Upper
76 100
78 0.0 25.5 38.3#





#59

2-Hexanone

Concen: 19.431 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX031347.D

Acq: 15 Sep 2022 08:42

Instrument :

MSVOA_X

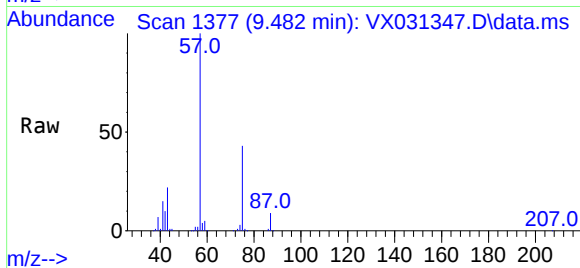
ClientSampleId :

Tgt Ion: 43 Resp: 29973

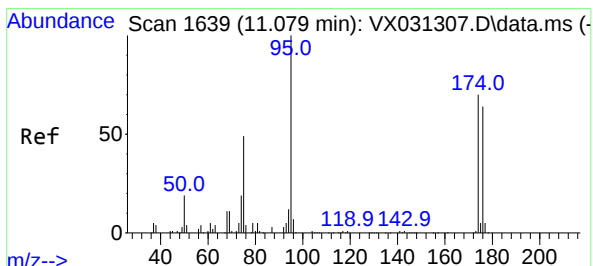
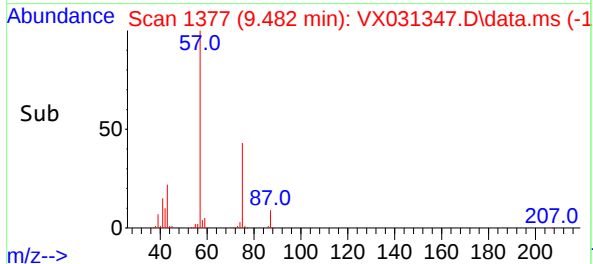
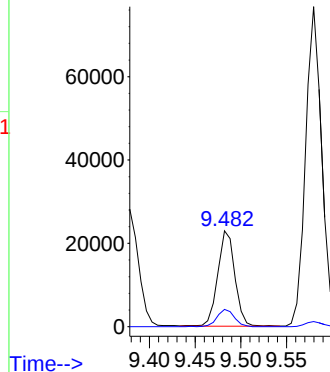
Ion Ratio Lower Upper

43 100

58 18.3 26.7 80.0#



Abundance



#62

4-Bromofluorobenzene

Concen: 35.833 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX031347.D

Acq: 15 Sep 2022 08:42

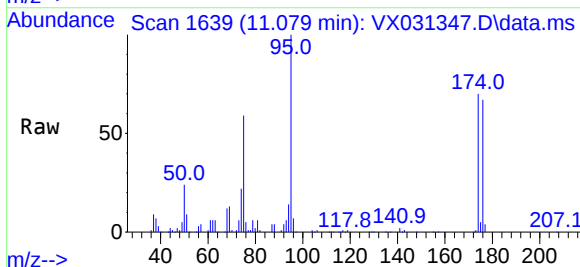
Tgt Ion: 95 Resp: 53307

Ion Ratio Lower Upper

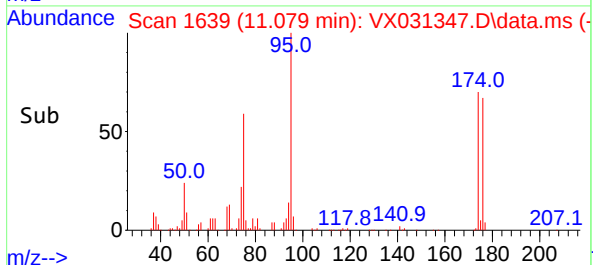
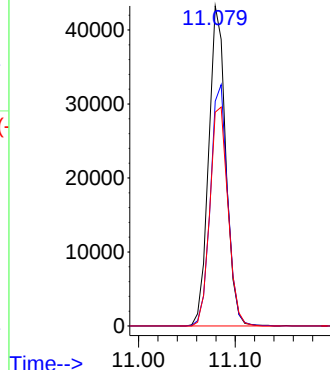
95 100

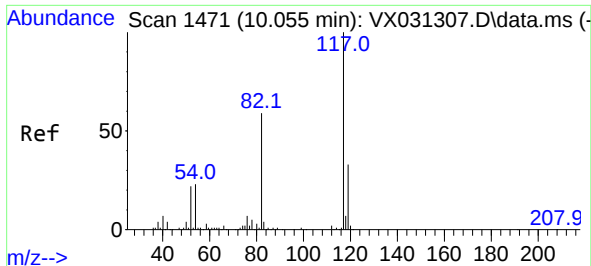
174 76.0 0.0 153.2

176 72.3 0.0 144.0



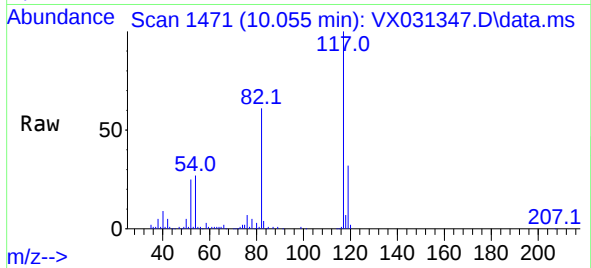
Abundance



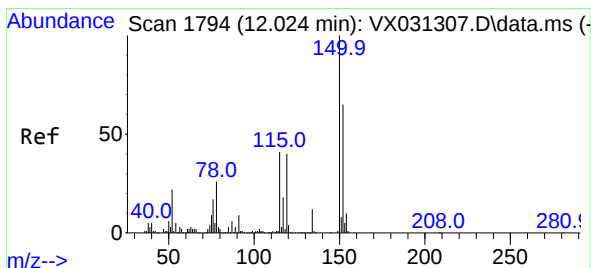
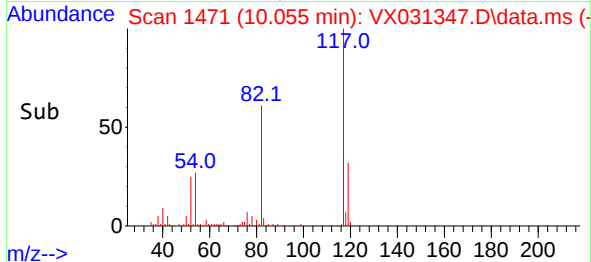
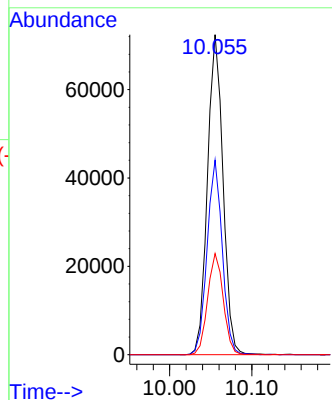


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Instrument :
MSVOA_X
ClientSampleId :

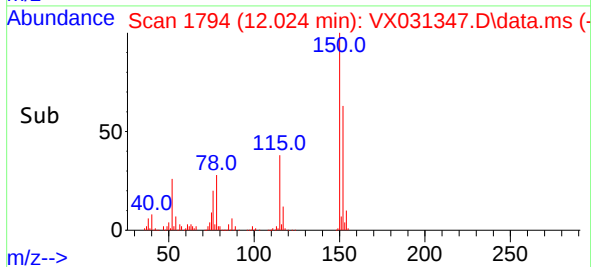
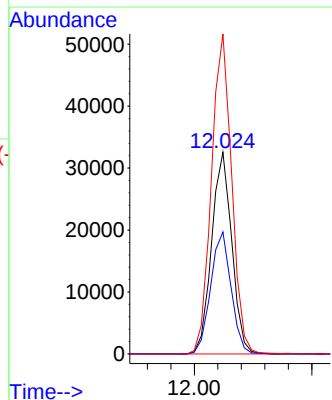
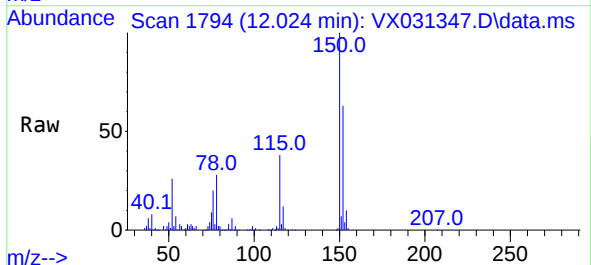


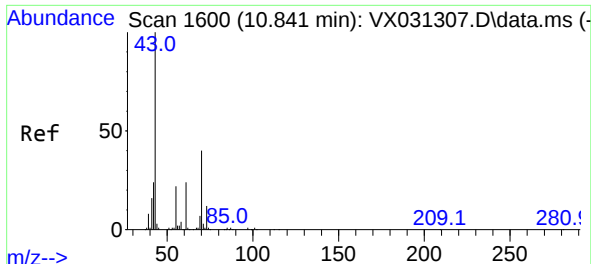
Tgt Ion:117 Resp: 95073
Ion Ratio Lower Upper
117 100
82 60.8 46.8 70.2
119 31.6 26.4 39.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

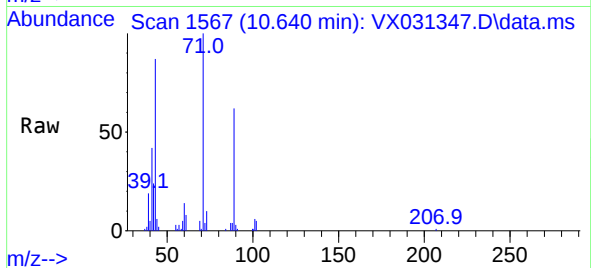
Tgt Ion:152 Resp: 38736
Ion Ratio Lower Upper
152 100
115 61.4 43.4 130.1
150 159.4 0.0 346.8





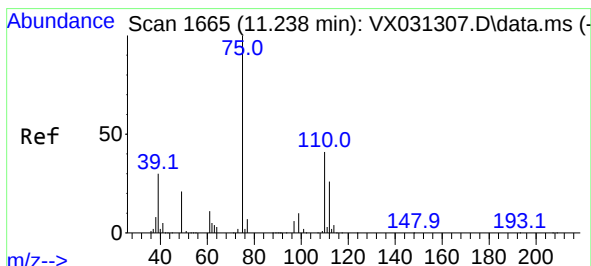
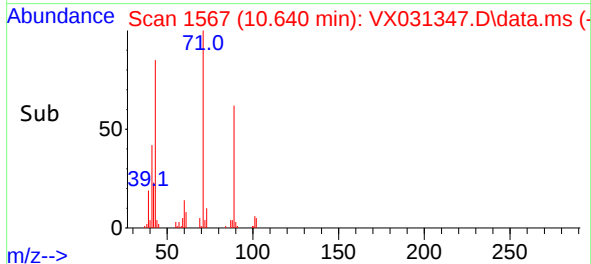
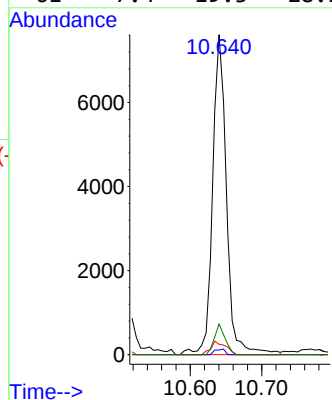
#74
N-amy1 acetate
Concen: 7.226 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 43 Resp: 10278

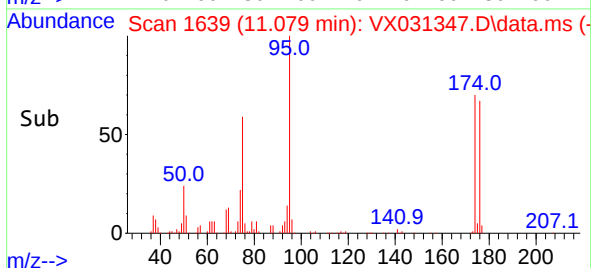
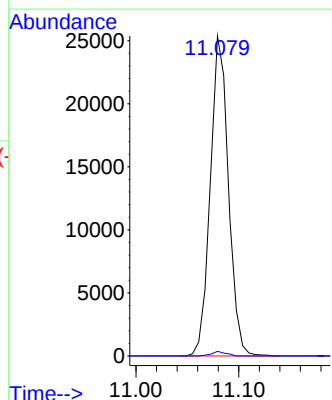
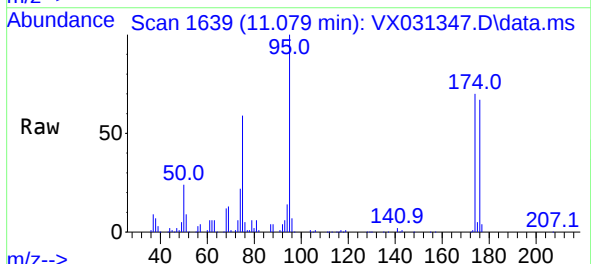
Ion	Ratio	Lower	Upper
43	100		
70	1.3	33.4	50.2#
55	4.5	18.2	27.2#
61	7.4	19.3	28.9#

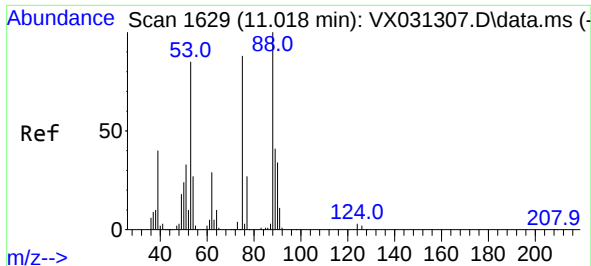


#76
1,2,3-Trichloropropane
Concen: 31.925 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.158 min
Lab File: VX031347.D
Acq: 15 Sep 2022 08:42

Tgt Ion: 75 Resp: 31164

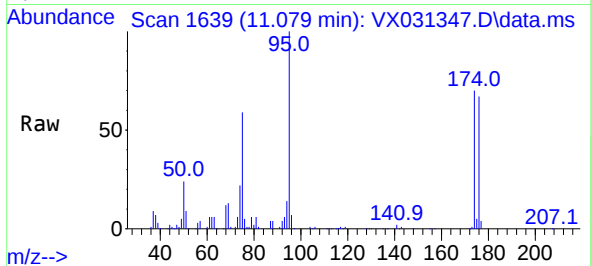
Ion	Ratio	Lower	Upper
75	100		
77	1.1	20.3	60.9#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.338 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX031347.D
 Acq: 15 Sep 2022 08:42

Instrument :
 MSVOA_X
 ClientSampleId :



Tgt Ion: 75 Resp: 31164
 Ion Ratio Lower Upper
 75 100
 53 0.0 77.6 116.4#
 89 0.0 37.4 56.0#

