

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032708.D
 Acq On : 10 Nov 2022 05:41
 Operator : JC/MD
 Sample : N5506-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9

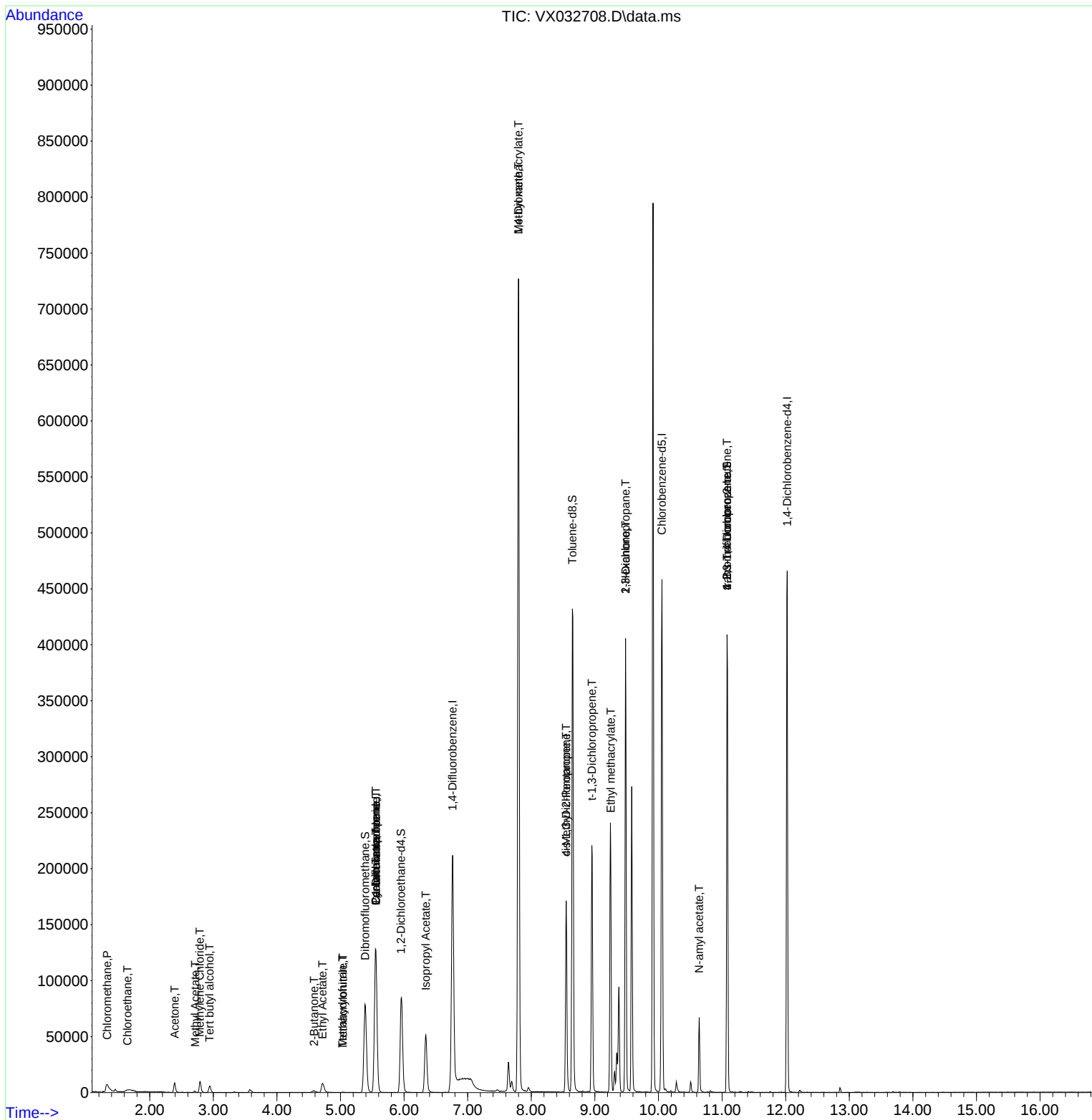
Quant Time: Nov 10 08:08:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

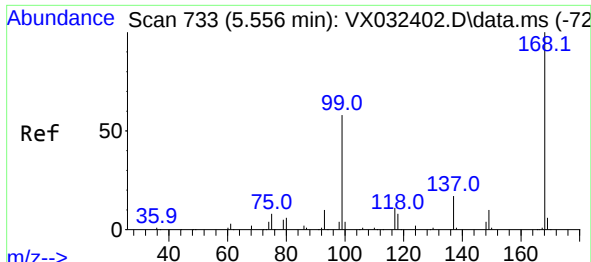
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	122033	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	204719	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	197445	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	95437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86493	51.010	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 102.020%			
35) Dibromofluoromethane	5.385	113	66983	45.870	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 91.740%			
50) Toluene-d8	8.647	98	257726	50.756	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.520%			
62) 4-Bromofluorobenzene	11.079	95	103906	52.386	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 104.780%			
Target Compounds					Qvalue	
3) Chloromethane	1.331	50	349	0.293	ug/l #	43
6) Chloroethane	1.648	64	231	0.263	ug/l #	42
11) Tert butyl alcohol	2.940	59	3577	14.494	ug/l #	72
16) Acetone	2.392	43	10776	17.486	ug/l	97
18) Methyl Acetate	2.715	43	1738	0.867	ug/l #	80
20) Methylene Chloride	2.788	84	4799	3.396	ug/l	92
25) 2-Butanone	4.586	43	1692	1.772	ug/l	90
29) Tetrahydrofuran	5.031	42	405	0.665	ug/l #	31
31) Cyclohexane	5.556	56	2689	1.308	ug/l #	11
36) 1,1-Dichloropropene	5.556	75	9618	4.730	ug/l #	50
37) Ethyl Acetate	4.714	43	15173	7.168	ug/l	99
38) Carbon Tetrachloride	5.556	117	12636	5.602	ug/l #	15
41) Methacrylonitrile	5.038	41	225	0.209	ug/l #	29
43) Isopropyl Acetate	6.342	43	70466	21.682	ug/l	99
48) Methyl methacrylate	7.799	41	65867	39.242	ug/l #	45
49) 1,4-Dioxane	7.799	88	48	1.501	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	59171	28.905	ug/l #	48
53) t-1,3-Dichloropropene	8.951	75	472	0.215	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	25961	11.080	ug/l #	63
56) Ethyl methacrylate	9.250	69	511	0.225	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3429	1.343	ug/l #	42
59) 2-Hexanone	9.482	43	48040	31.627	ug/l #	51
74) N-amyl acetate	10.640	43	16363	5.726	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	57283	26.979	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	57283	85.848	ug/l #	6

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

Quant Time: Nov 10 08:08:33 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

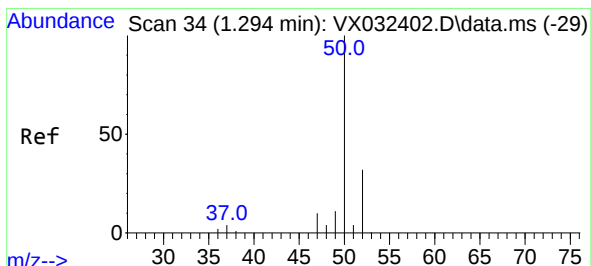
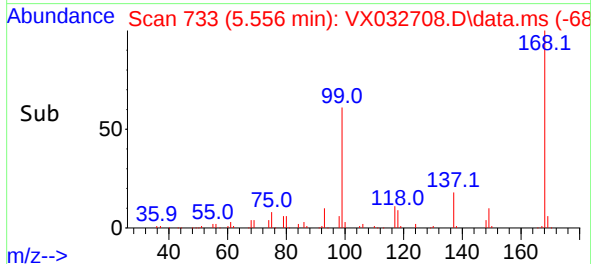
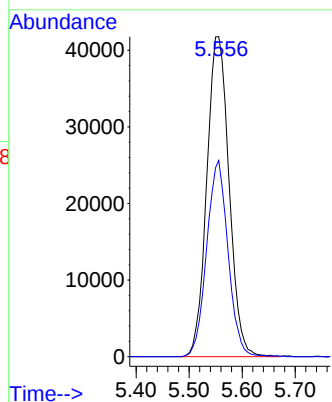
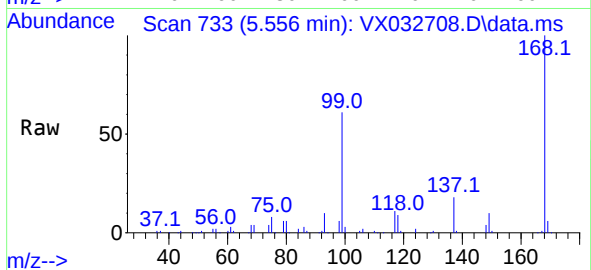




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

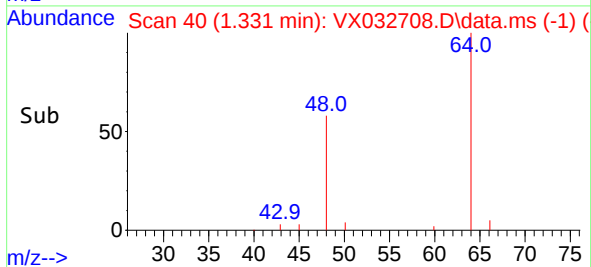
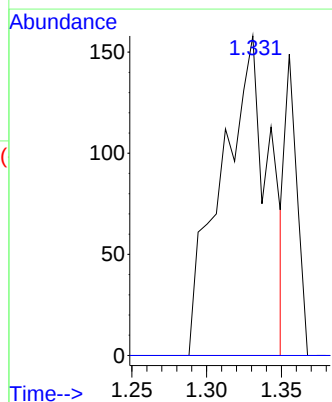
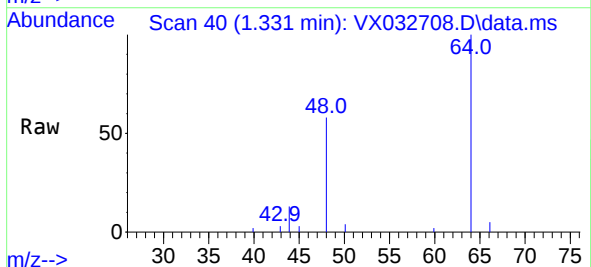
Instrument :
MSVOA_X
ClientSampleId :
TP-9

Tgt Ion:168 Resp: 122033
Ion Ratio Lower Upper
168 100
99 61.3 46.1 69.1

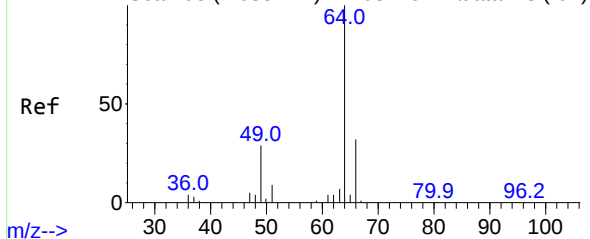


#3
Chloromethane
Concen: 0.293 ug/l
RT: 1.331 min Scan# 40
Delta R.T. 0.036 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Tgt Ion: 50 Resp: 349
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#



Abundance Scan 98 (1.685 min): VX032402.D\data.ms (-91)

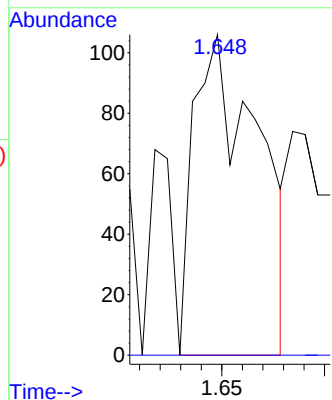
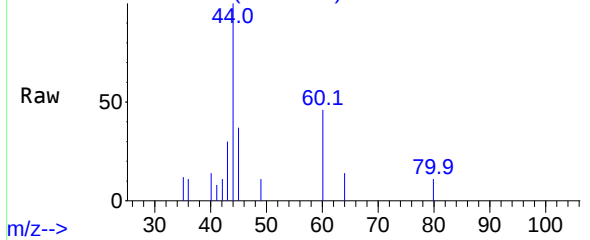


#6
Chloroethane
Concen: 0.263 ug/l
RT: 1.648 min Scan# 91
Delta R.T. -0.037 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

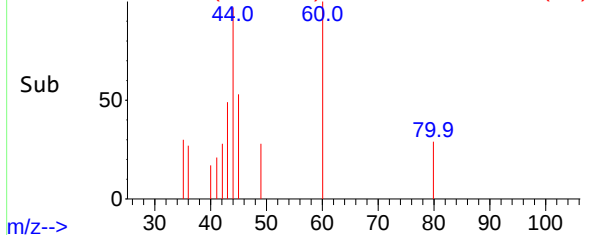
Instrument :
MSVOA_X
ClientSampleId :
TP-9

Tgt Ion: 64 Resp: 231
Ion Ratio Lower Upper
64 100
66 0.0 26.0 39.0#

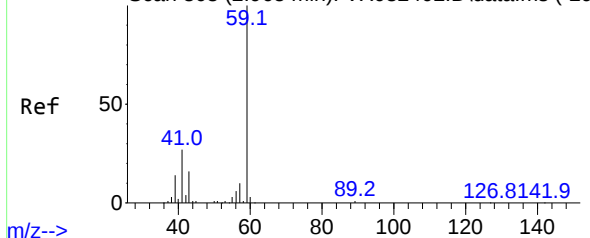
Abundance Scan 92 (1.648 min): VX032708.D\data.ms



Abundance Scan 92 (1.648 min): VX032708.D\data.ms (-49)



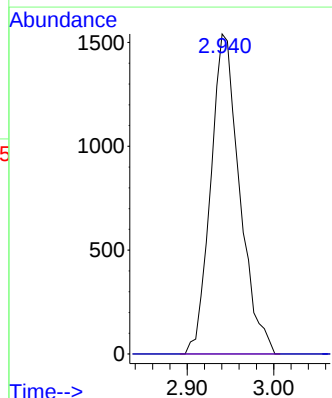
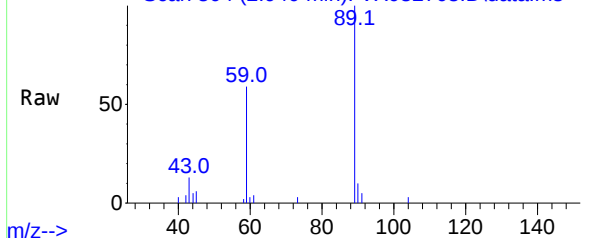
Abundance Scan 308 (2.965 min): VX032402.D\data.ms (-29)



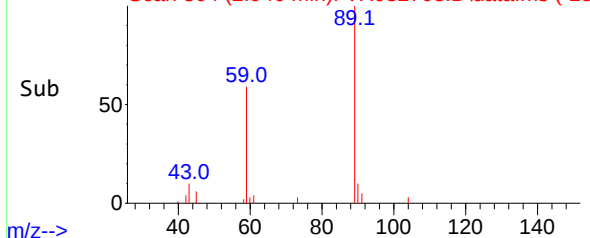
#11
Tert butyl alcohol
Concen: 14.494 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

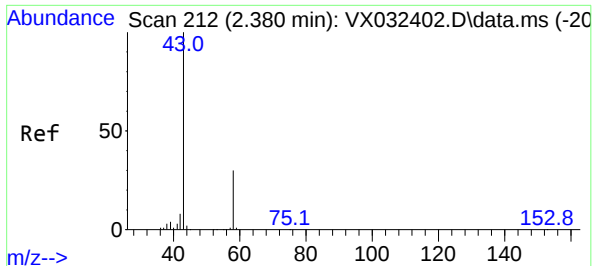
Tgt Ion: 59 Resp: 3577
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

Abundance Scan 304 (2.940 min): VX032708.D\data.ms



Abundance Scan 304 (2.940 min): VX032708.D\data.ms (-25)

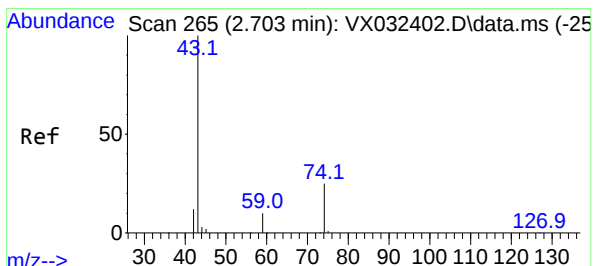
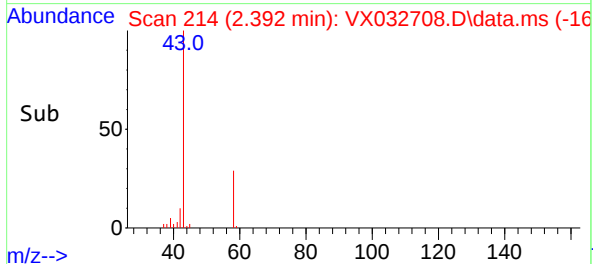
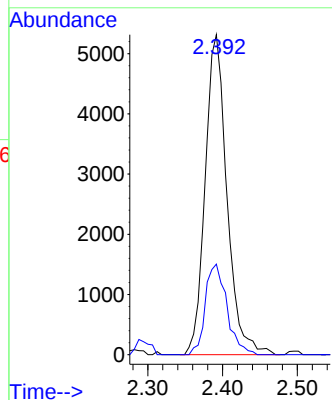
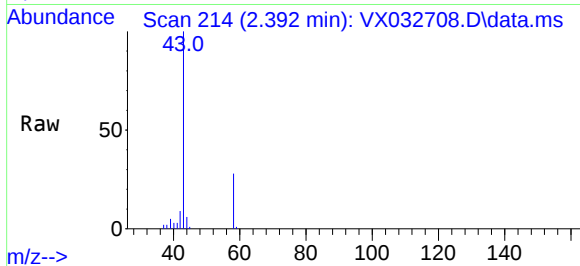




#16
Acetone
Concen: 17.486 ug/l
RT: 2.392 min Scan# 21
Delta R.T. 0.012 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

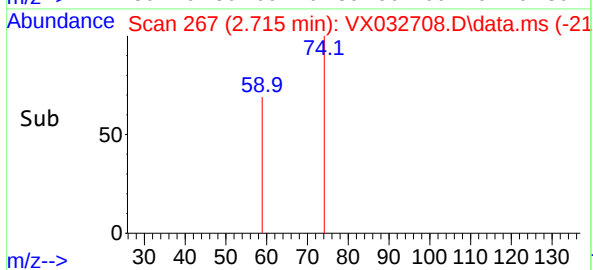
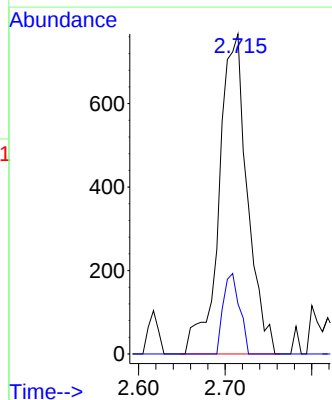
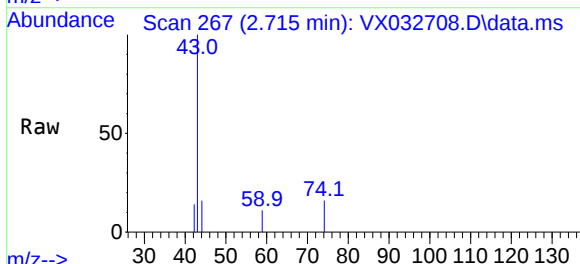
Instrument :
MSVOA_X
ClientSampleId :
TP-9

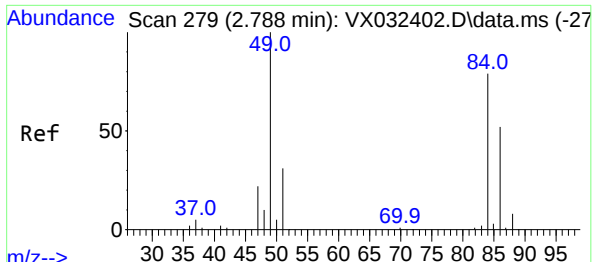
Tgt Ion: 43 Resp: 10776
Ion Ratio Lower Upper
43 100
58 28.3 23.8 35.8



#18
Methyl Acetate
Concen: 0.867 ug/l
RT: 2.715 min Scan# 267
Delta R.T. 0.012 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

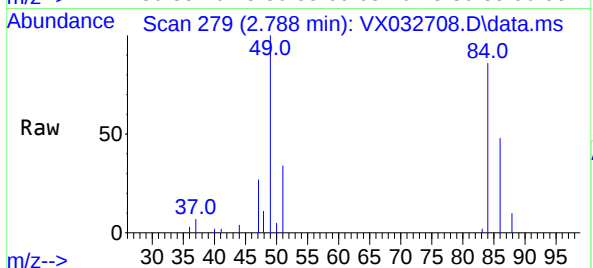
Tgt Ion: 43 Resp: 1738
Ion Ratio Lower Upper
43 100
74 14.4 19.4 29.0#





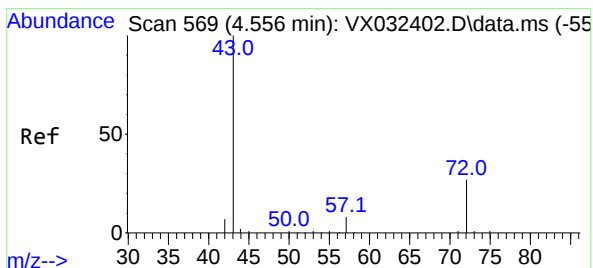
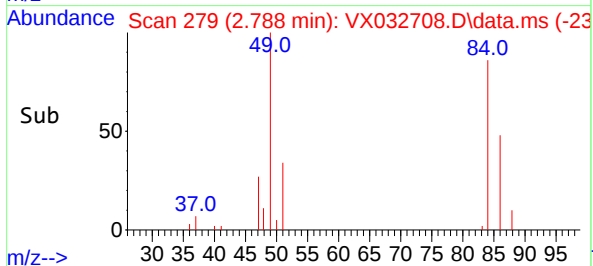
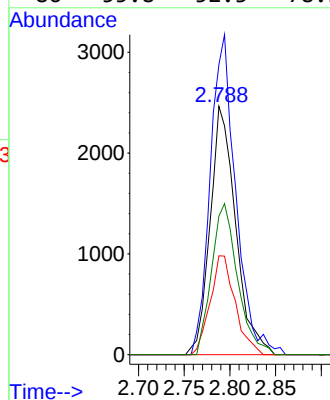
#20
Methylene Chloride
Concen: 3.396 ug/l
RT: 2.788 min Scan# 21
Delta R.T. -0.000 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Instrument :
MSVOA_X
ClientSampleId :
TP-9



Tgt Ion: 84 Resp: 4799

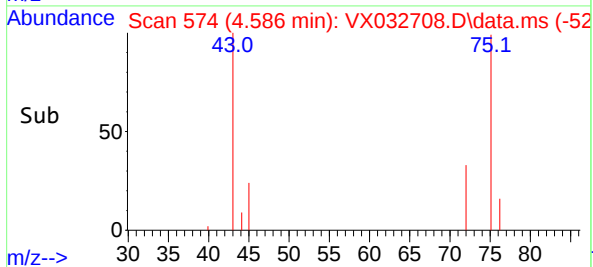
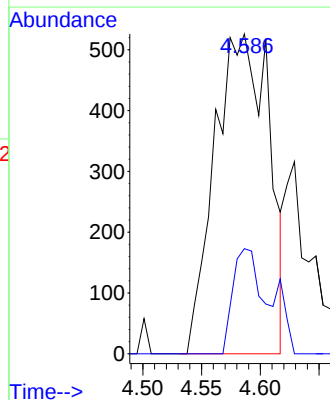
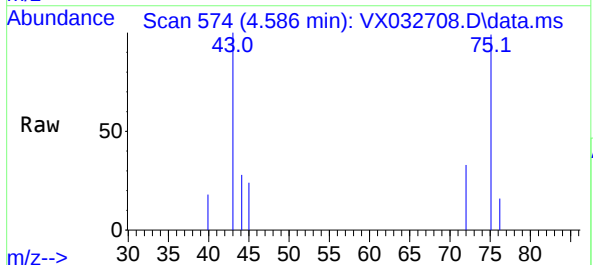
Ion	Ratio	Lower	Upper
84	100		
49	116.8	101.0	151.6
51	39.8	31.1	46.7
86	55.8	52.3	78.5

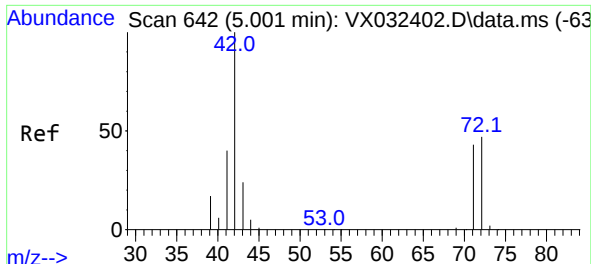


#25
2-Butanone
Concen: 1.772 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.030 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Tgt Ion: 43 Resp: 1692

Ion	Ratio	Lower	Upper
43	100		
72	32.9	22.2	33.2



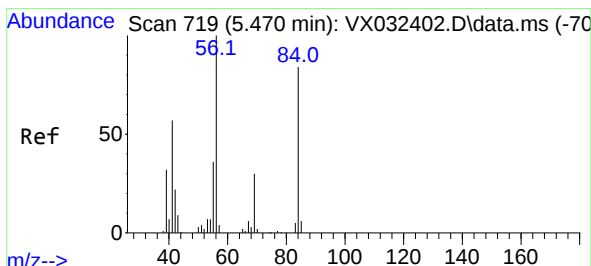
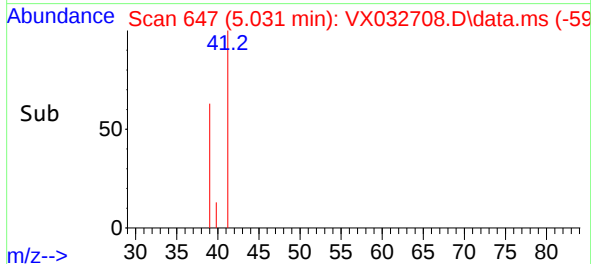
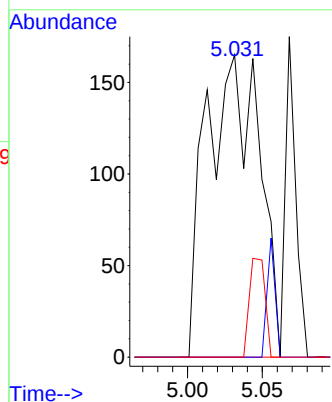
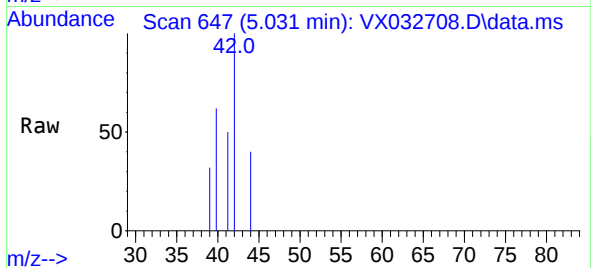


#29
Tetrahydrofuran
Concen: 0.665 ug/l
RT: 5.031 min Scan# 642
Delta R.T. 0.030 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Instrument :
MSVOA_X
ClientSampleId :
TP-9

Tgt Ion: 42 Resp: 405

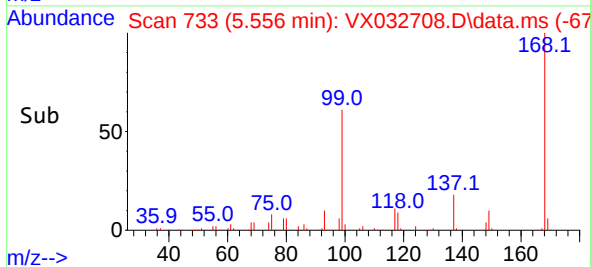
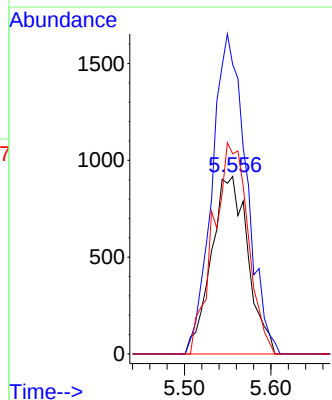
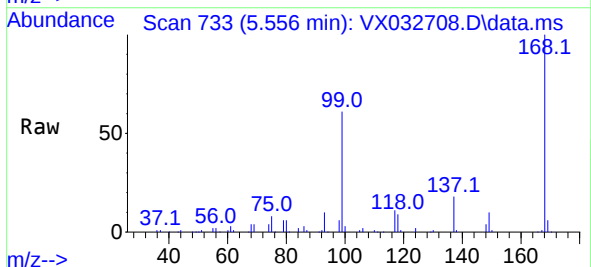
Ion	Ratio	Lower	Upper
42	100		
72	0.0	37.6	56.4#
71	0.0	34.7	52.1#

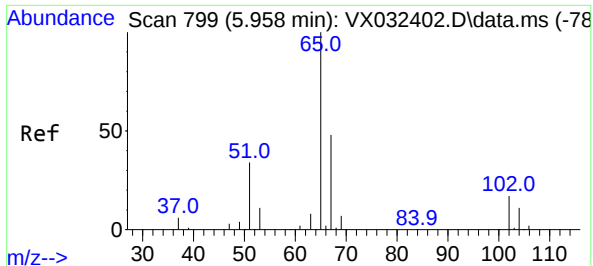


#31
Cyclohexane
Concen: 1.308 ug/l
RT: 5.556 min Scan# 733
Delta R.T. 0.085 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Tgt Ion: 56 Resp: 2689

Ion	Ratio	Lower	Upper
56	100		
69	163.0	24.1	36.1#
84	112.8	66.9	100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.010 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX032708.D

Acq: 10 Nov 2022 05:41

Instrument :

MSVOA_X

ClientSampleId :

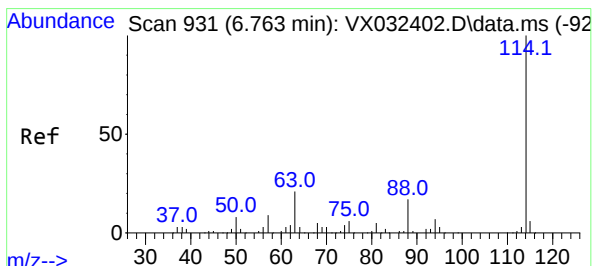
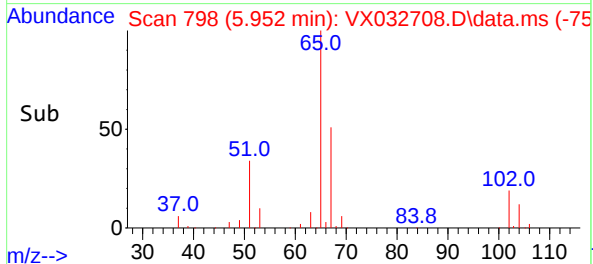
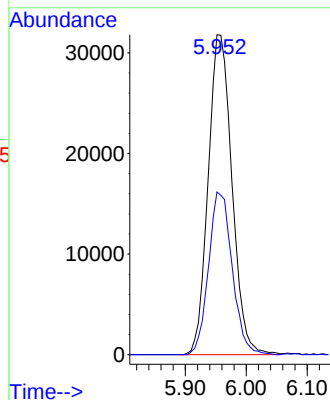
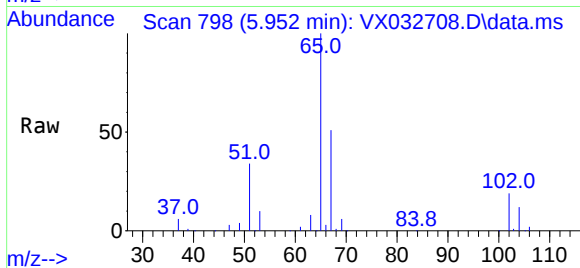
TP-9

Tgt Ion: 65 Resp: 86493

Ion Ratio Lower Upper

65 100

67 50.5 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX032708.D

Acq: 10 Nov 2022 05:41

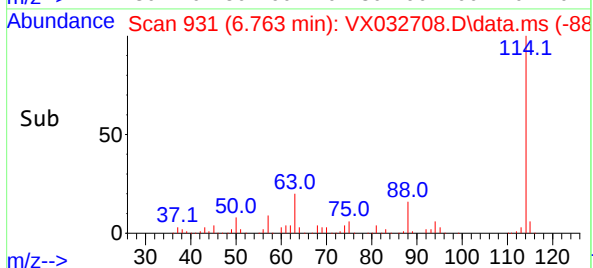
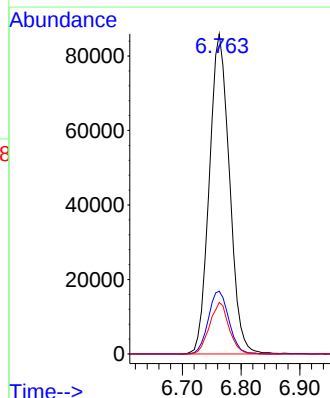
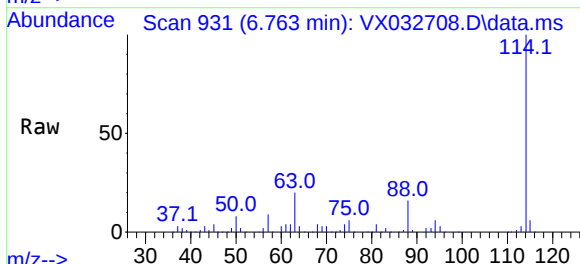
Tgt Ion: 114 Resp: 204719

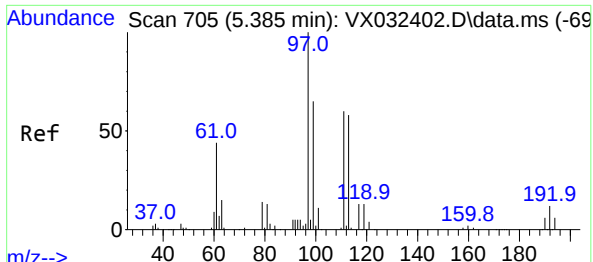
Ion Ratio Lower Upper

114 100

63 19.6 0.0 41.6

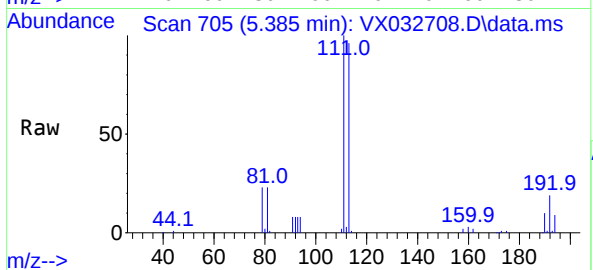
88 16.1 0.0 33.4



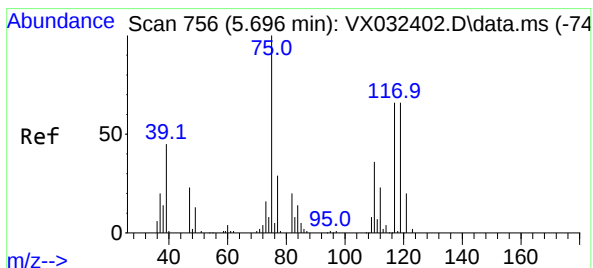
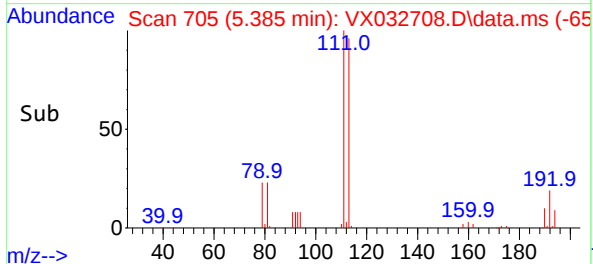
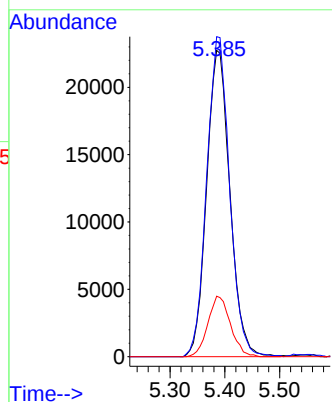


#35
Dibromofluoromethane
Concen: 45.870 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Instrument :
MSVOA_X
ClientSampleId :
TP-9

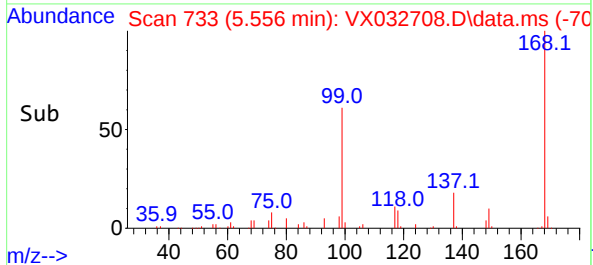
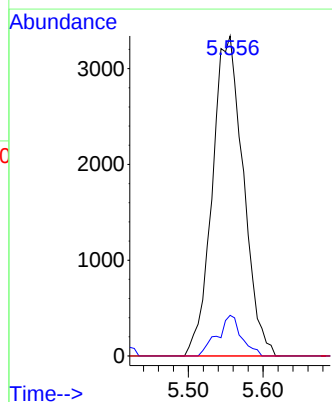
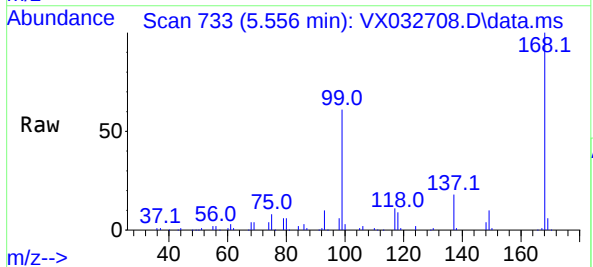


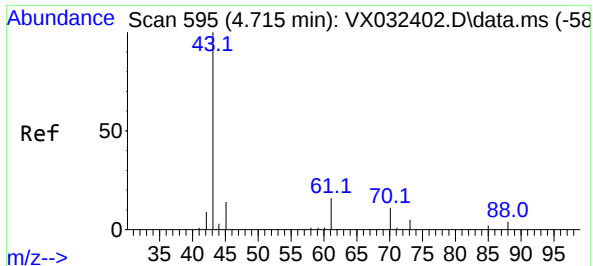
Tgt Ion:113 Resp: 66983
Ion Ratio Lower Upper
113 100
111 102.8 82.4 123.6
192 19.1 15.4 23.2



#36
1,1-Dichloropropene
Concen: 4.730 ug/l
RT: 5.556 min Scan# 733
Delta R.T. -0.140 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Tgt Ion: 75 Resp: 9618
Ion Ratio Lower Upper
75 100
110 9.9 18.4 55.2#
77 0.0 24.5 36.7#





#37

Ethyl Acetate

Concen: 7.168 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX032708.D

Acq: 10 Nov 2022 05:41

Instrument :

MSVOA_X

ClientSampleId :

TP-9

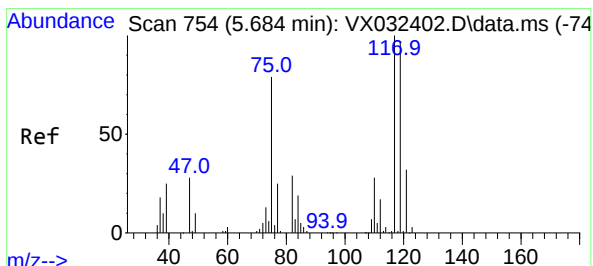
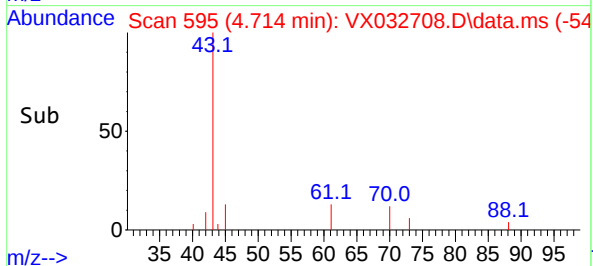
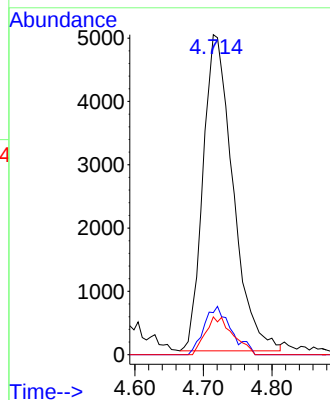
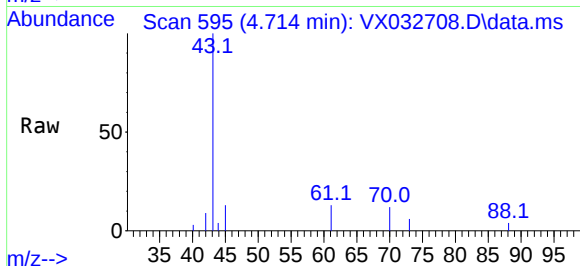
Tgt Ion: 43 Resp: 15173

Ion Ratio Lower Upper

43 100

61 13.9 11.5 17.3

70 11.0 9.1 13.7



#38

Carbon Tetrachloride

Concen: 5.602 ug/l

RT: 5.556 min Scan# 733

Delta R.T. -0.128 min

Lab File: VX032708.D

Acq: 10 Nov 2022 05:41

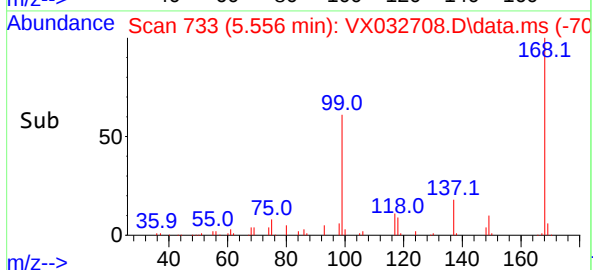
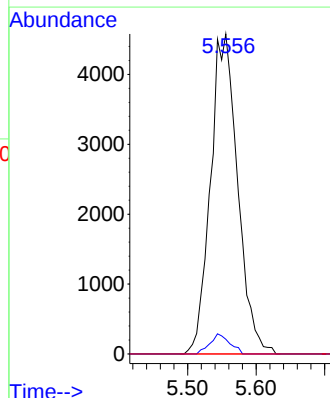
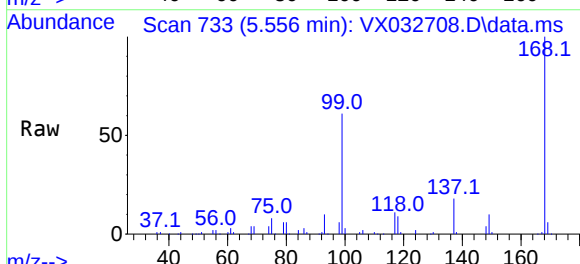
Tgt Ion: 117 Resp: 12636

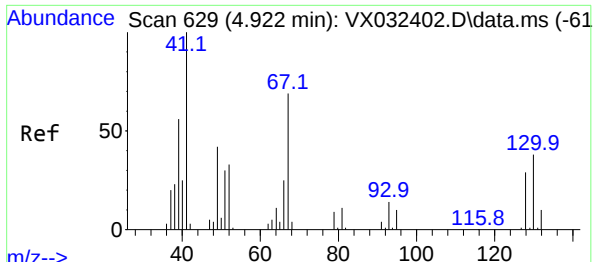
Ion Ratio Lower Upper

117 100

119 4.6 77.2 115.8#

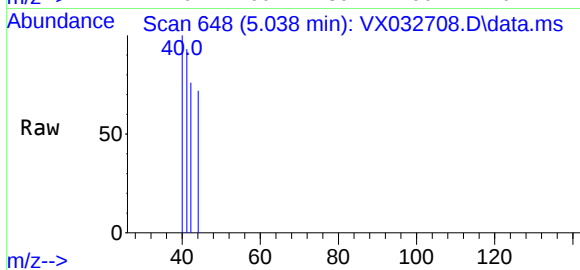
121 0.0 25.8 38.6#



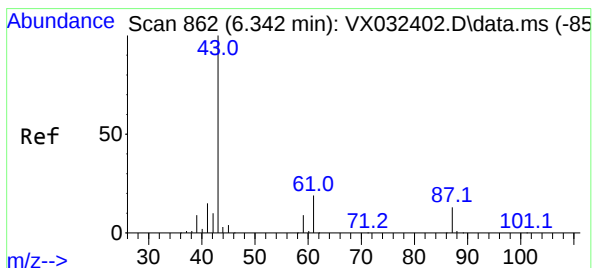
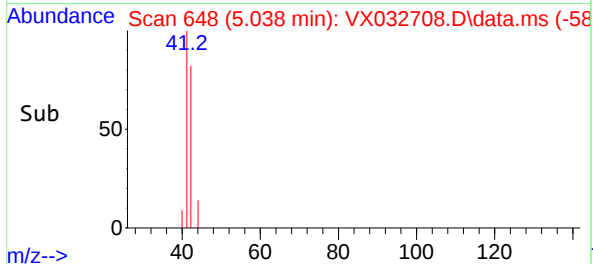
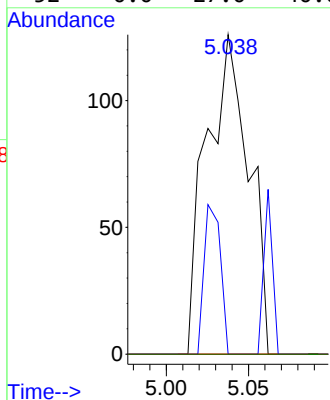


#41
Methacrylonitrile
Concen: 0.209 ug/l
RT: 5.038 min Scan# 648
Delta R.T. 0.116 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Instrument :
MSVOA_X
ClientSampleId :
TP-9

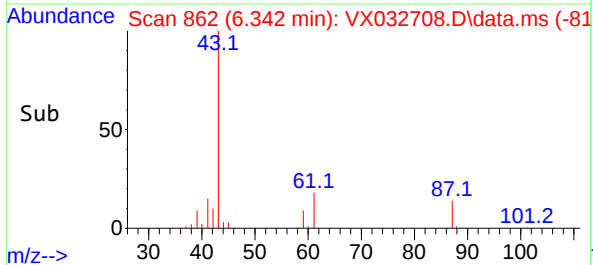
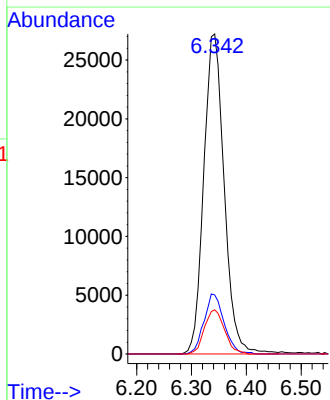
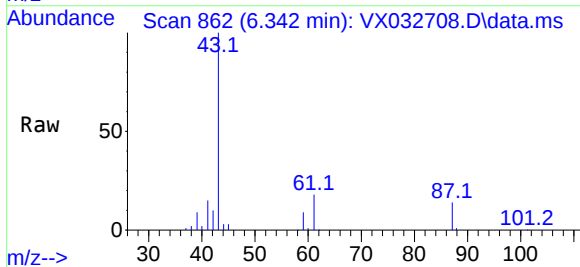


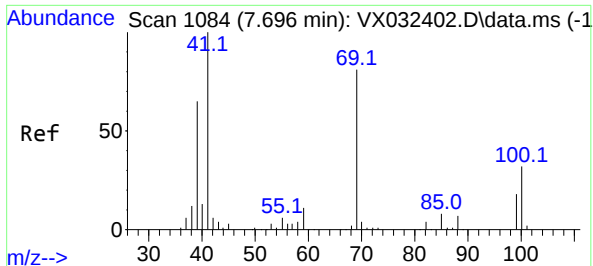
Tgt Ion: 41 Resp: 225
Ion Ratio Lower Upper
41 100
39 18.2 47.5 71.3#
67 0.0 60.5 90.7#
52 0.0 27.0 40.6#



#43
Isopropyl Acetate
Concen: 21.682 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Tgt Ion: 43 Resp: 70466
Ion Ratio Lower Upper
43 100
61 18.4 15.4 23.0
87 13.6 10.8 16.2





#48

Methyl methacrylate

Concen: 39.242 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX032708.D

Acq: 10 Nov 2022 05:41

Instrument :

MSVOA_X

ClientSampleId :

TP-9

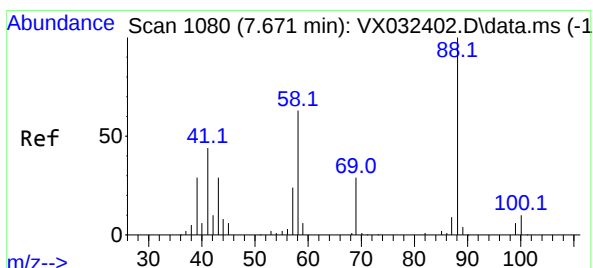
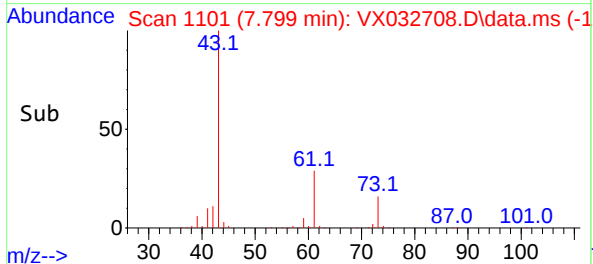
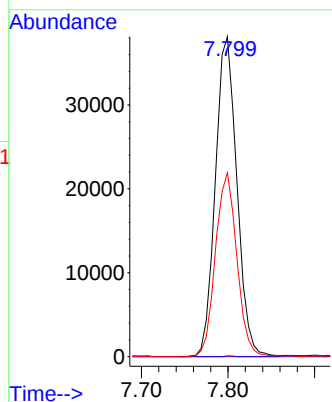
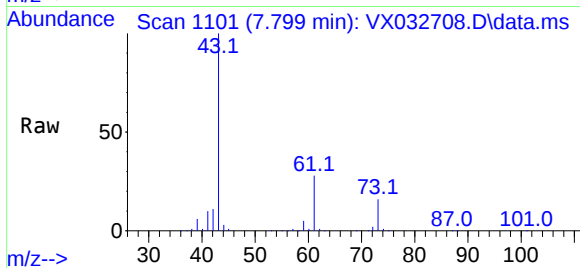
Tgt Ion: 41 Resp: 65867

Ion Ratio Lower Upper

41 100

69 0.1 65.1 97.7#

39 57.2 51.9 77.9



#49

1,4-Dioxane

Concen: 1.501 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.128 min

Lab File: VX032708.D

Acq: 10 Nov 2022 05:41

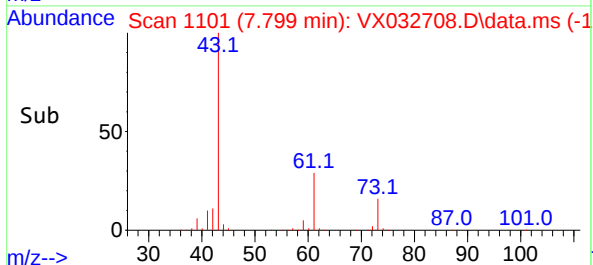
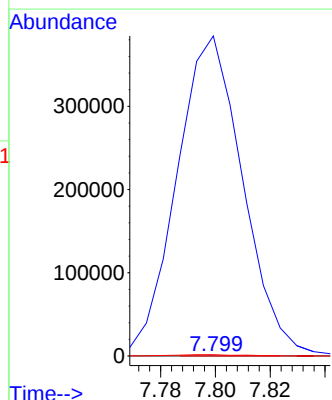
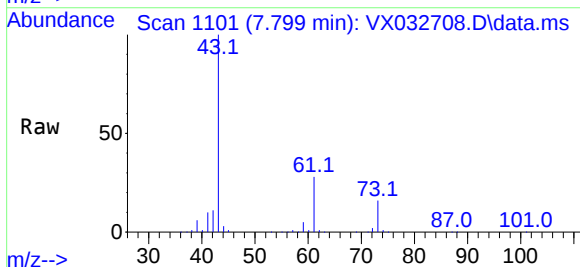
Tgt Ion: 88 Resp: 48

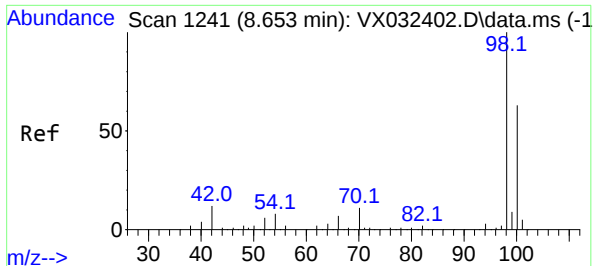
Ion Ratio Lower Upper

88 100

43 1355458.3 26.6 39.8#

58 5489.6 51.7 77.5#





#50

Toluene-d8

Concen: 50.756 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX032708.D

Acq: 10 Nov 2022 05:41

Instrument :

MSVOA_X

ClientSampleId :

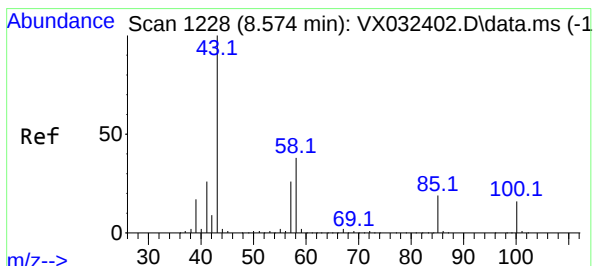
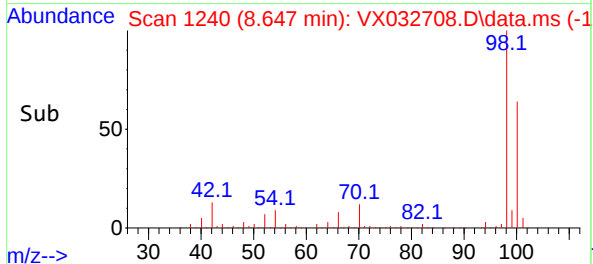
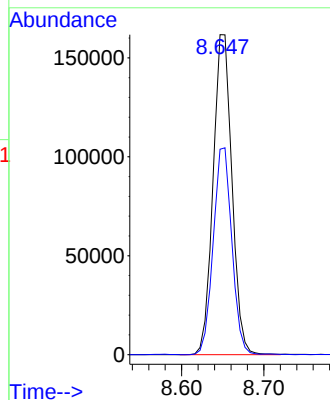
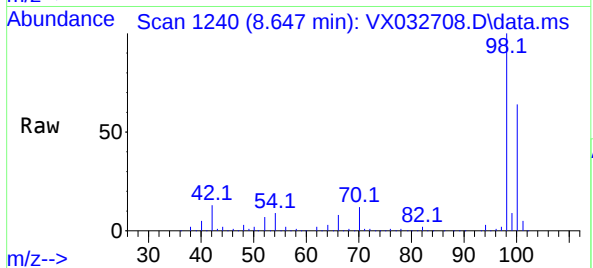
TP-9

Tgt Ion: 98 Resp: 257726

Ion Ratio Lower Upper

98 100

100 63.9 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 28.905 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX032708.D

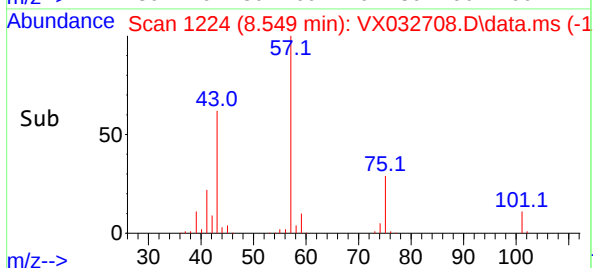
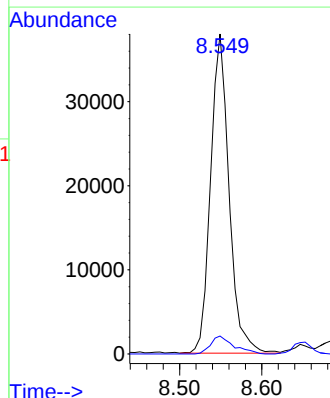
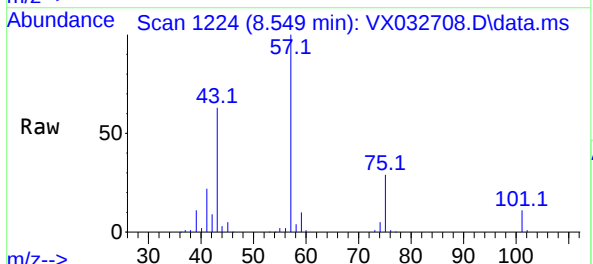
Acq: 10 Nov 2022 05:41

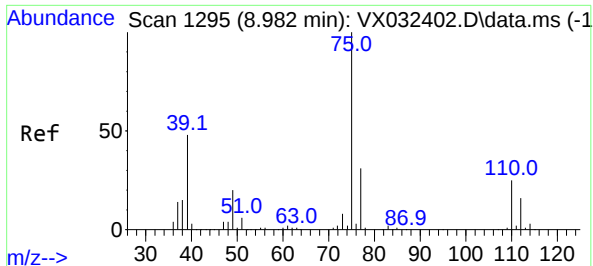
Tgt Ion: 43 Resp: 59171

Ion Ratio Lower Upper

43 100

58 7.0 30.9 46.3#





#53

t-1,3-Dichloropropene

Concen: 0.215 ug/l

RT: 8.951 min Scan# 11

Delta R.T. -0.031 min

Lab File: VX032708.D

Acq: 10 Nov 2022 05:41

Instrument :

MSVOA_X

ClientSampleId :

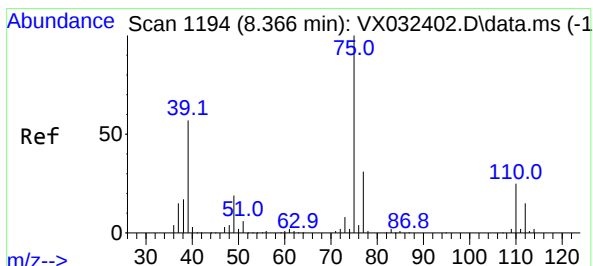
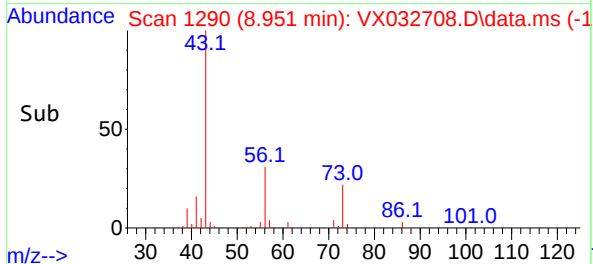
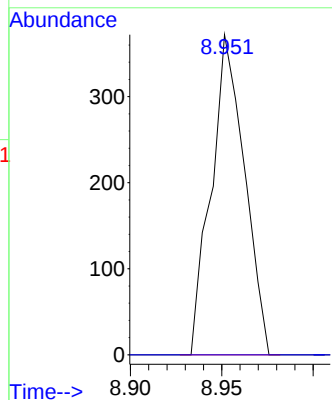
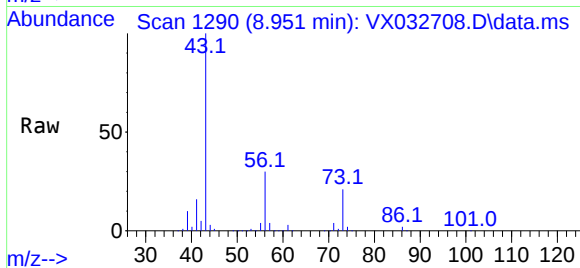
TP-9

Tgt Ion: 75 Resp: 472

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 11.080 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX032708.D

Acq: 10 Nov 2022 05:41

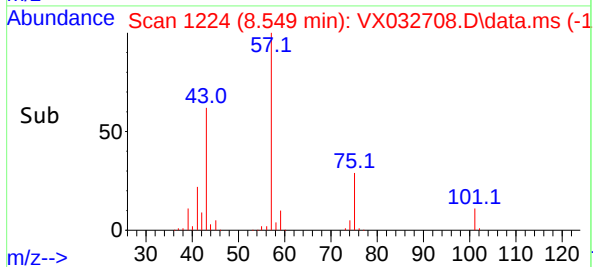
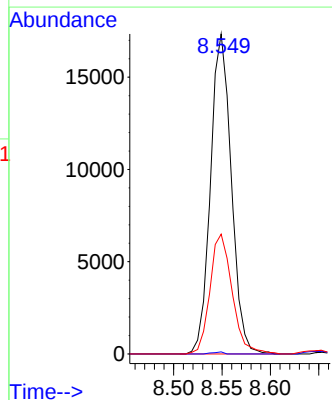
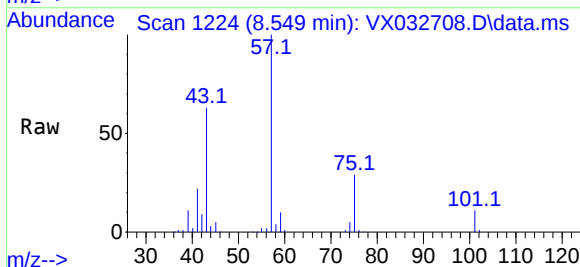
Tgt Ion: 75 Resp: 25961

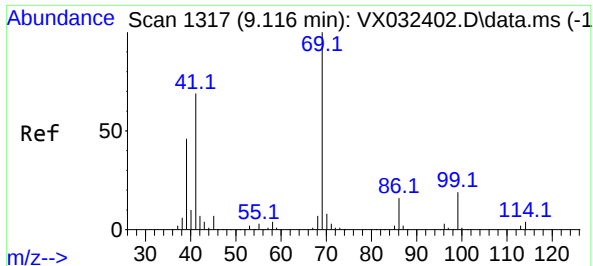
Ion Ratio Lower Upper

75 100

77 0.6 25.1 37.7#

39 37.5 45.5 68.3#

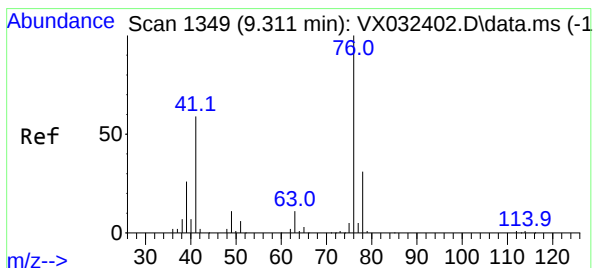
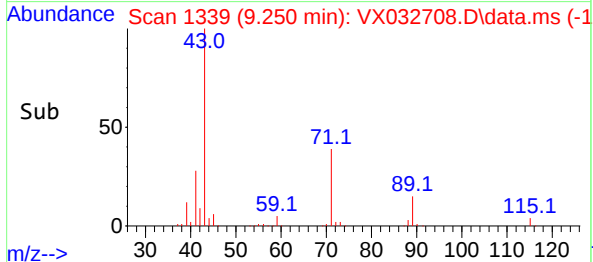
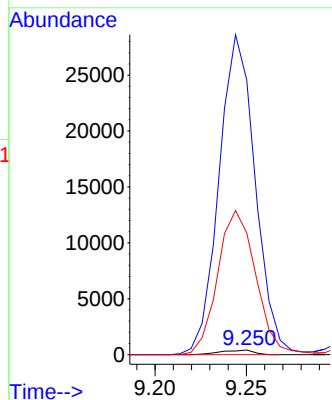
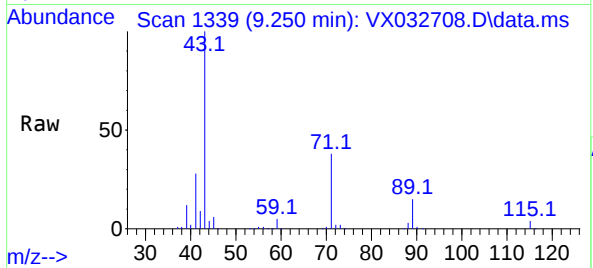




#56
Ethyl methacrylate
Concen: 0.225 ug/l
RT: 9.250 min Scan# 11
Delta R.T. 0.134 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

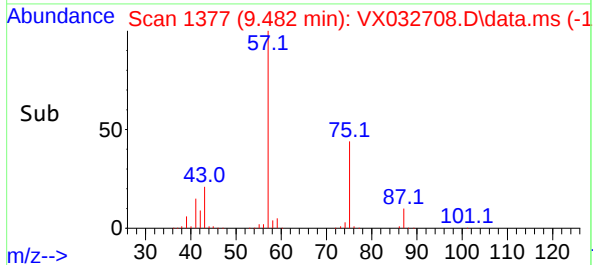
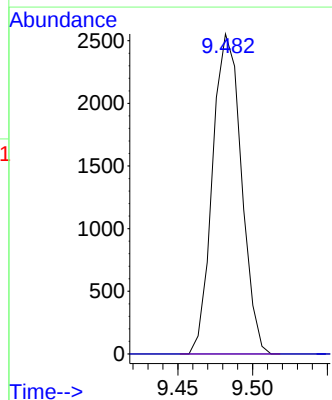
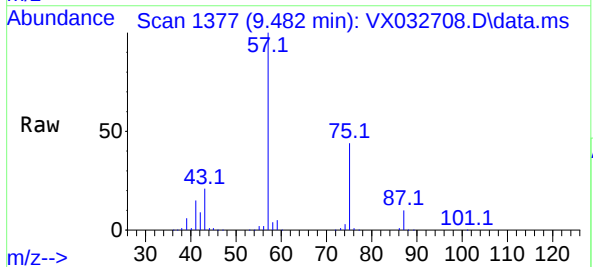
Instrument :
MSVOA_X
ClientSampleId :
TP-9

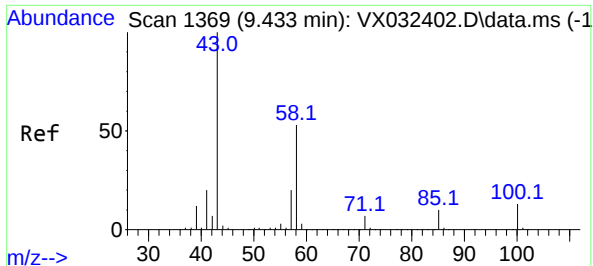
Tgt Ion: 69 Resp: 511
Ion Ratio Lower Upper
69 100
41 7739.7 54.3 81.5#
39 3669.9 35.2 52.8#



#57
1,3-Dichloropropane
Concen: 1.343 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Tgt Ion: 76 Resp: 3429
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 31.627 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX032708.D

Acq: 10 Nov 2022 05:41

Instrument :

MSVOA_X

ClientSampleId :

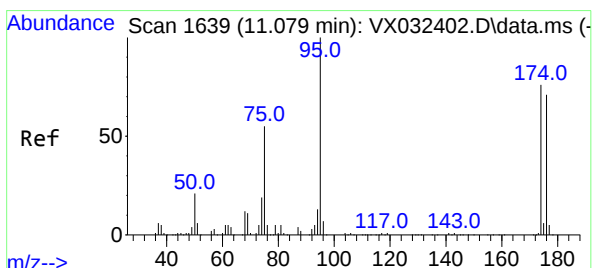
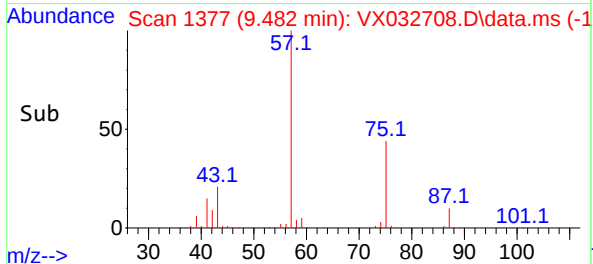
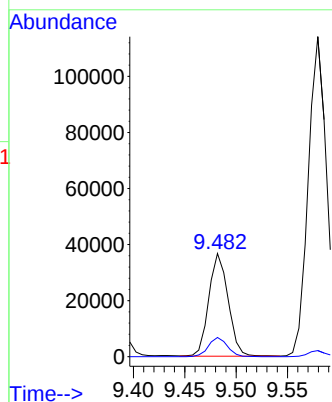
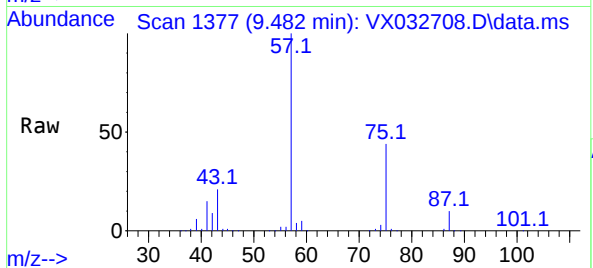
TP-9

Tgt Ion: 43 Resp: 48040

Ion Ratio Lower Upper

43 100

58 18.3 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 52.386 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.000 min

Lab File: VX032708.D

Acq: 10 Nov 2022 05:41

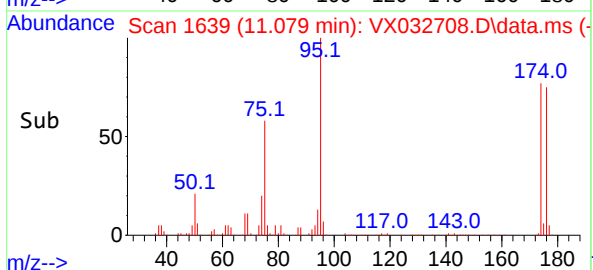
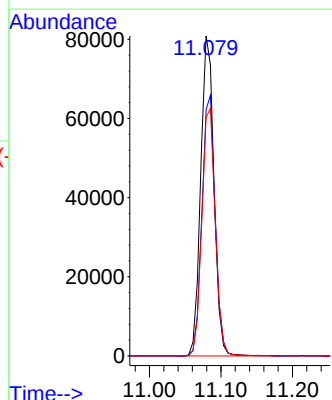
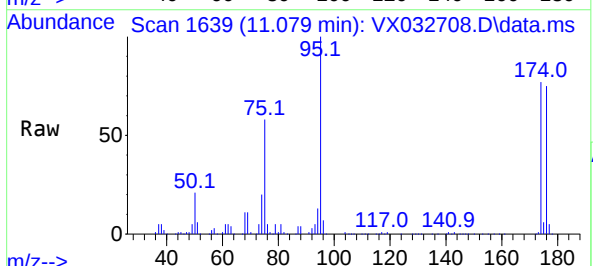
Tgt Ion: 95 Resp: 103906

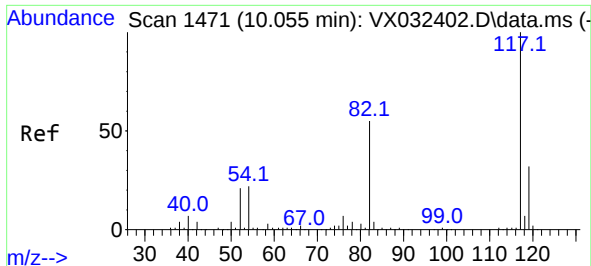
Ion Ratio Lower Upper

95 100

174 81.9 0.0 164.0

176 78.4 0.0 154.4

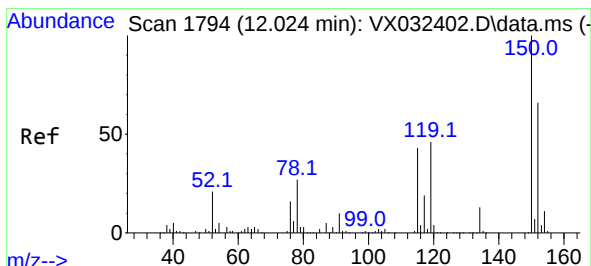
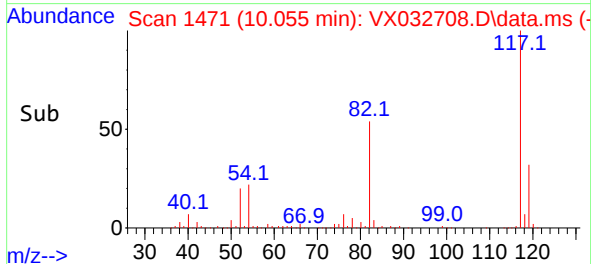
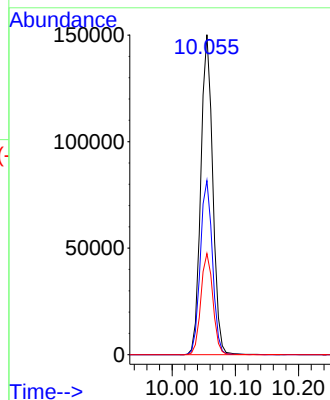
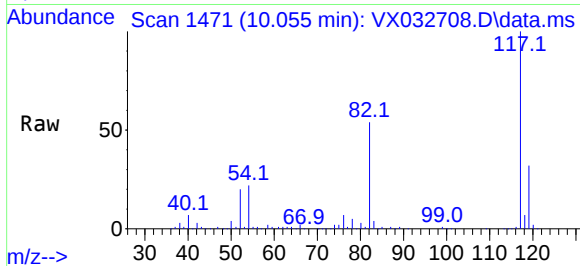




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

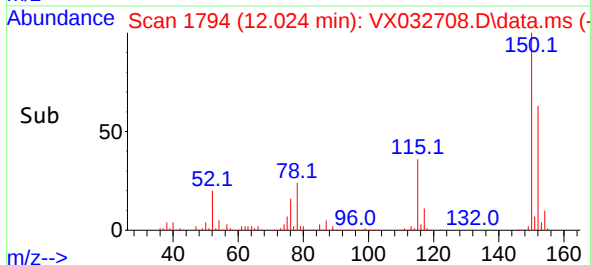
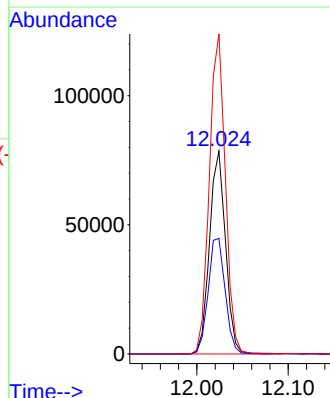
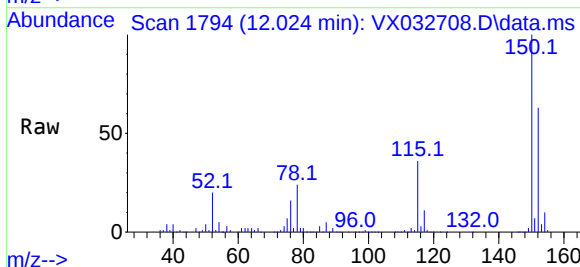
Instrument :
MSVOA_X
ClientSampleId :
TP-9

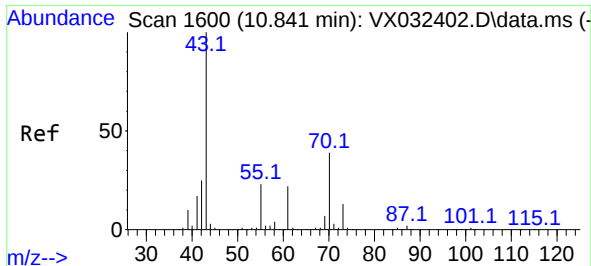
Tgt Ion:117 Resp: 197445
Ion Ratio Lower Upper
117 100
82 54.4 44.3 66.5
119 31.6 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Tgt Ion:152 Resp: 95437
Ion Ratio Lower Upper
152 100
115 60.6 44.0 132.0
150 157.9 0.0 351.8

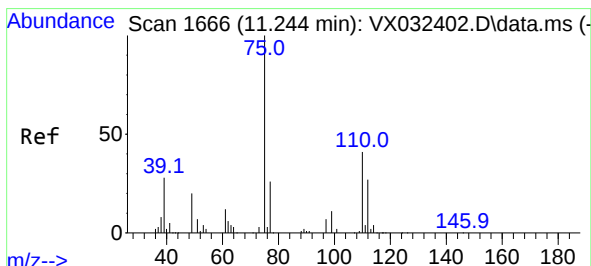
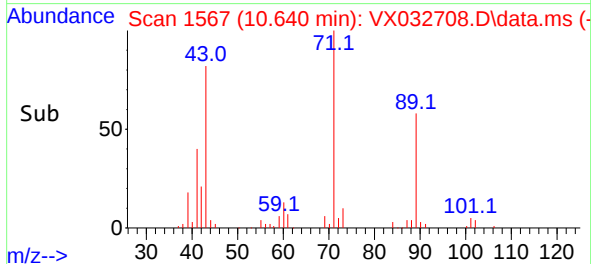
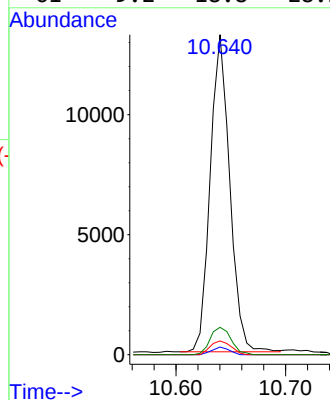
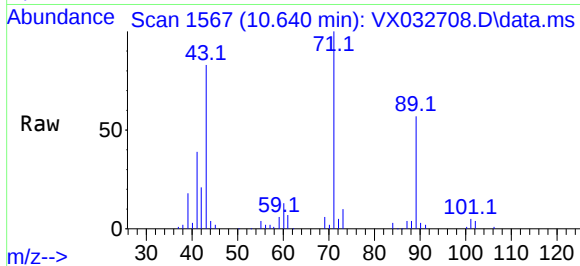




#74
N-amy1 acetate
Concen: 5.726 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.201 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

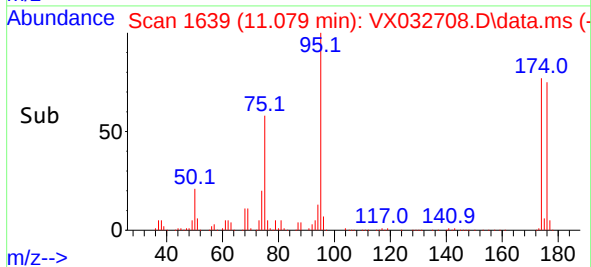
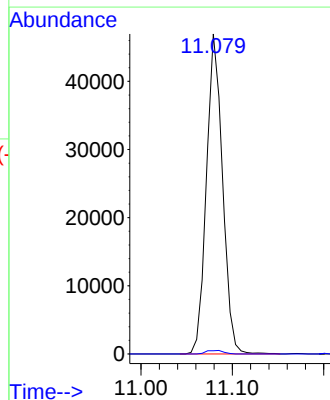
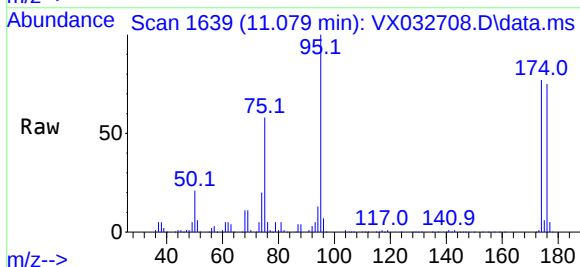
Instrument :
MSVOA_X
ClientSampleId :
TP-9

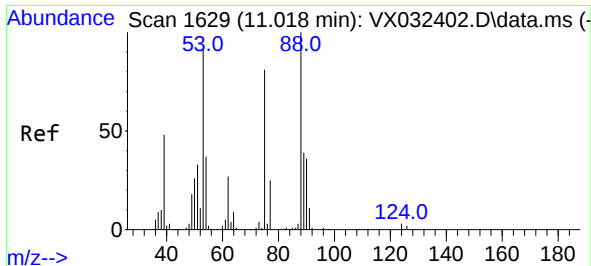
Tgt Ion:	43	Resp:	16363
Ion	Ratio	Lower	Upper
43	100		
70	2.1	33.6	50.4#
55	4.5	19.4	29.2#
61	9.2	18.8	28.2#



#76
1,2,3-Trichloropropane
Concen: 26.979 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032708.D
Acq: 10 Nov 2022 05:41

Tgt Ion:	75	Resp:	57283
Ion	Ratio	Lower	Upper
75	100		
77	1.2	20.0	60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 85.848 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032708.D
 Acq: 10 Nov 2022 05:41

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-9

Tgt Ion: 75 Resp: 57283
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

