

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032711.D
 Acq On : 10 Nov 2022 06:50
 Operator : JC/MD
 Sample : N5509-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-13

Quant Time: Nov 10 08:09:06 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)

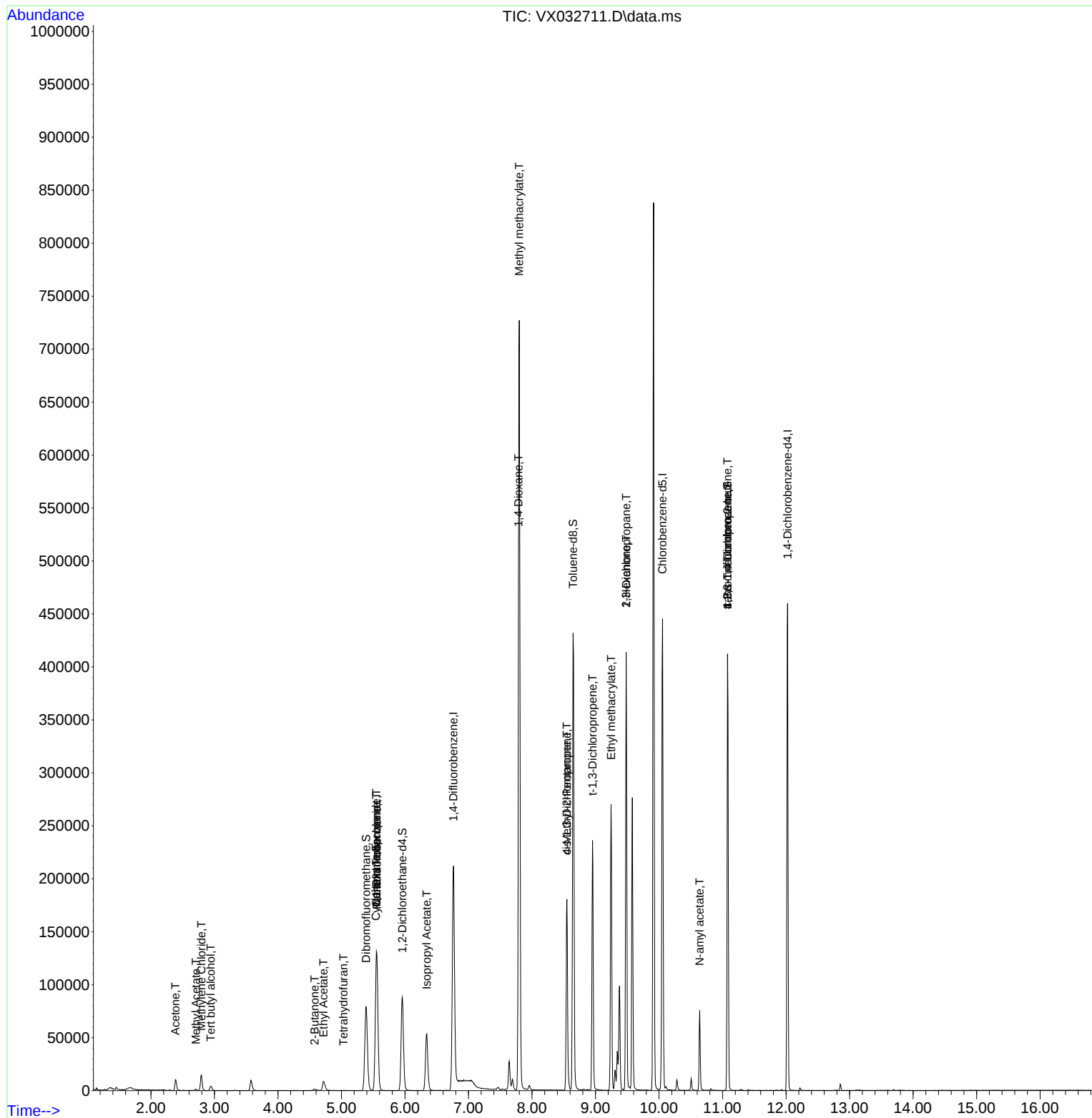
Internal Standards						
1) Pentafluorobenzene	5.556	168	124081	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	209020	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	193404	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	92840	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	88912	51.571	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.140%	
35) Dibromofluoromethane	5.385	113	67518	45.285	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.560%	
50) Toluene-d8	8.647	98	259902	50.132	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 100.260%	
62) 4-Bromofluorobenzene	11.079	95	103340	51.028	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 102.060%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.940	59	2653	10.572	ug/l #	72
16) Acetone	2.386	43	12668	20.216	ug/l	98
18) Methyl Acetate	2.709	43	1691	0.830	ug/l	92
20) Methylene Chloride	2.794	84	6774	4.715	ug/l	94
25) 2-Butanone	4.574	43	1651	1.701	ug/l #	77
29) Tetrahydrofuran	5.031	42	167	0.270	ug/l #	31
31) Cyclohexane	5.544	56	2857	1.367	ug/l #	36
36) 1,1-Dichloropropene	5.550	75	9764	4.703	ug/l #	50
37) Ethyl Acetate	4.714	43	15565	7.202	ug/l	97
38) Carbon Tetrachloride	5.550	117	12771	5.546	ug/l #	17
43) Isopropyl Acetate	6.342	43	72850	21.954	ug/l	99
48) Methyl methacrylate	7.799	41	67534	39.407	ug/l #	45
49) 1,4-Dioxane	7.787	88	19	0.582	ug/l #	26
51) 4-Methyl-2-Pentanone	8.549	43	63169	30.223	ug/l #	49
53) t-1,3-Dichloropropene	8.952	75	512	0.229	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	27321	11.420	ug/l #	61
56) Ethyl methacrylate	9.244	69	576	0.248	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3348	1.284	ug/l #	42
59) 2-Hexanone	9.482	43	50180	32.356	ug/l #	51
74) N-amyl acetate	10.640	43	17800	6.404	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	55870	27.050	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	55870	86.073	ug/l #	6

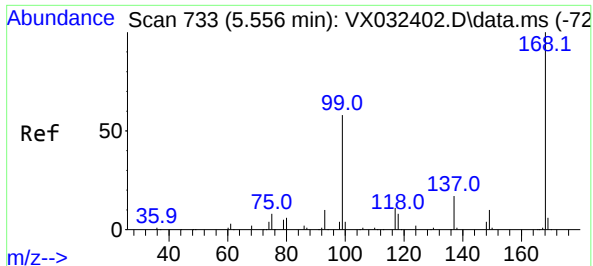
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

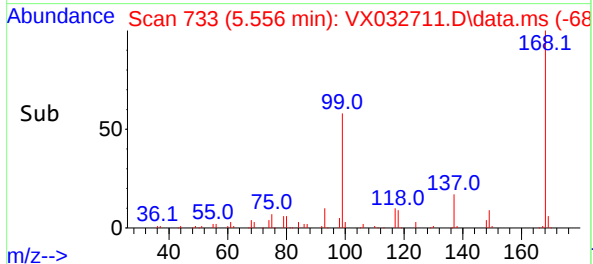
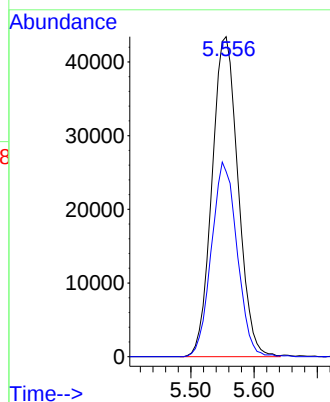
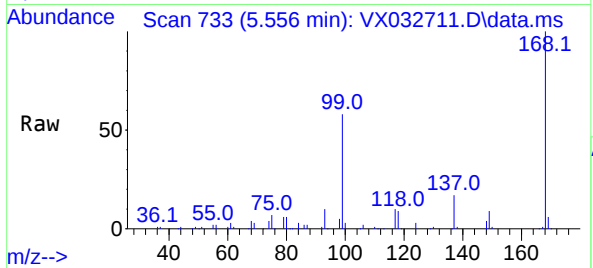




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

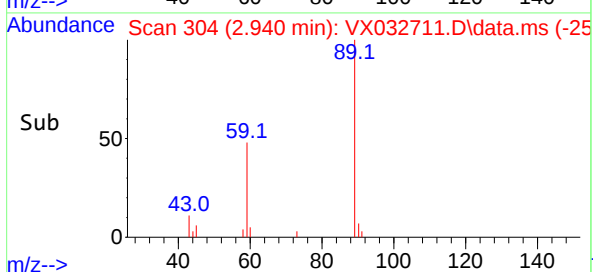
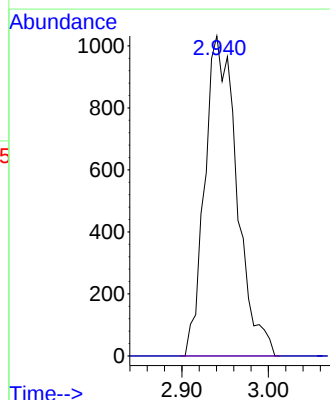
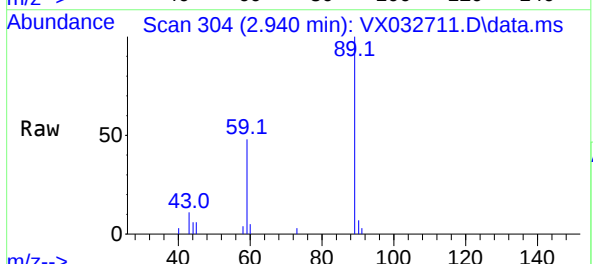
Instrument :
MSVOA_X
ClientSampleId :
TP-13

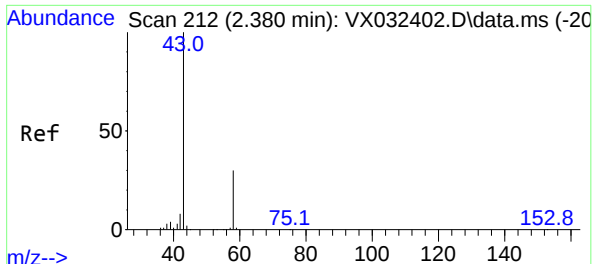
Tgt Ion:168 Resp: 124081
Ion Ratio Lower Upper
168 100
99 57.9 46.1 69.1



#11
Tert butyl alcohol
Concen: 10.572 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

Tgt Ion: 59 Resp: 2653
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

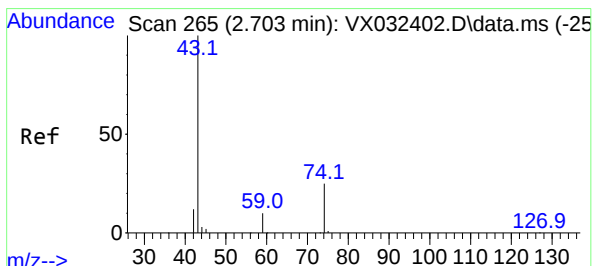
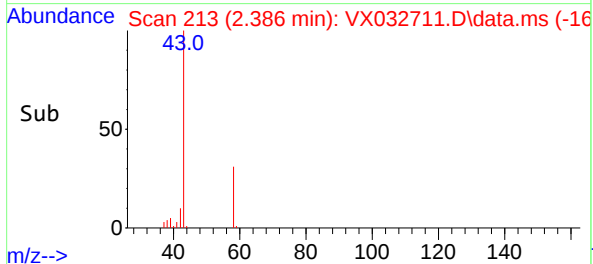
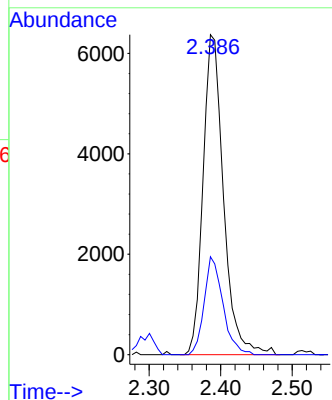
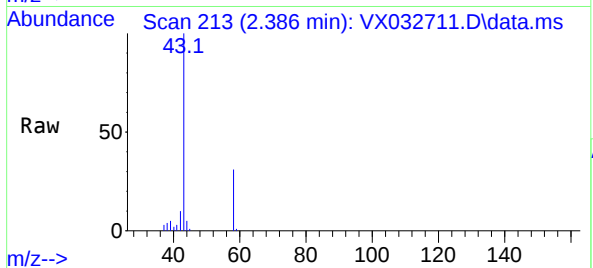




#16
Acetone
Concen: 20.216 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

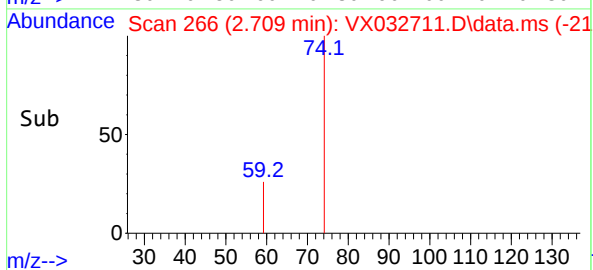
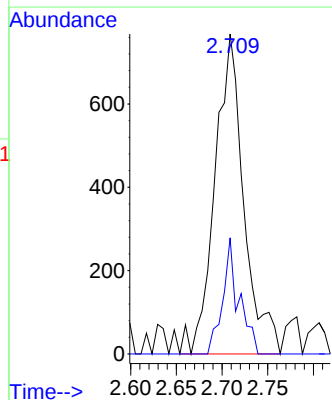
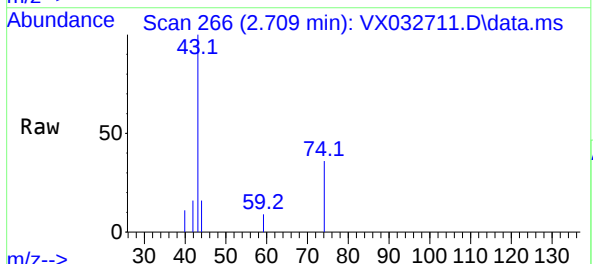
Instrument :
MSVOA_X
ClientSampleId :
TP-13

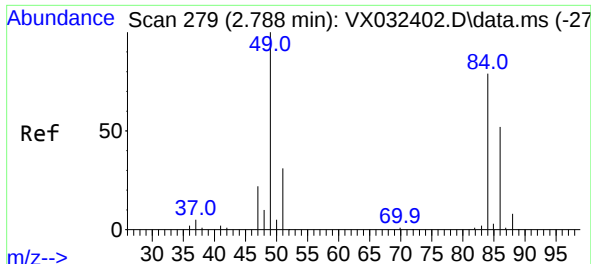
Tgt Ion: 43 Resp: 12668
Ion Ratio Lower Upper
43 100
58 30.6 23.8 35.8



#18
Methyl Acetate
Concen: 0.830 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

Tgt Ion: 43 Resp: 1691
Ion Ratio Lower Upper
43 100
74 20.3 19.4 29.0



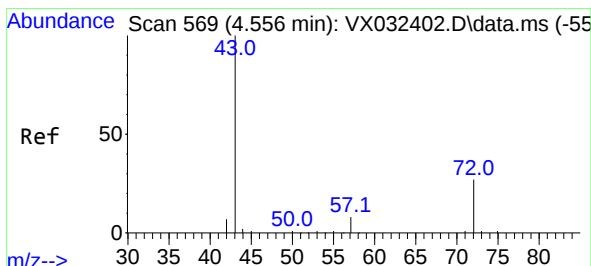
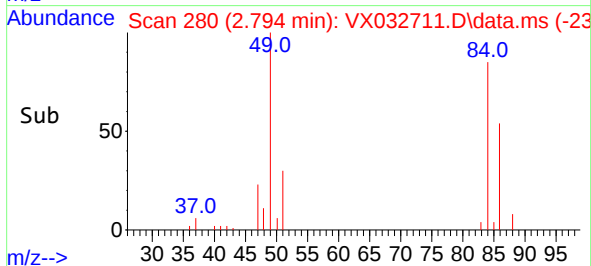
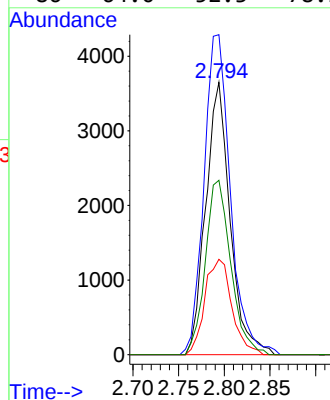
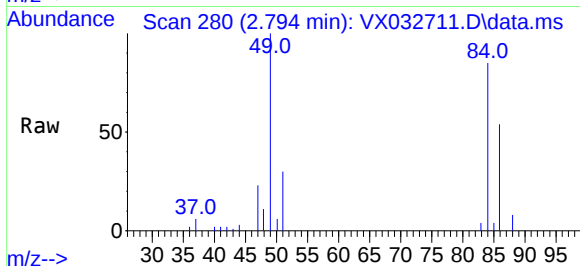


#20
Methylene Chloride
Concen: 4.715 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.006 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

Instrument :
MSVOA_X
ClientSampleId :
TP-13

Tgt Ion: 84 Resp: 6774

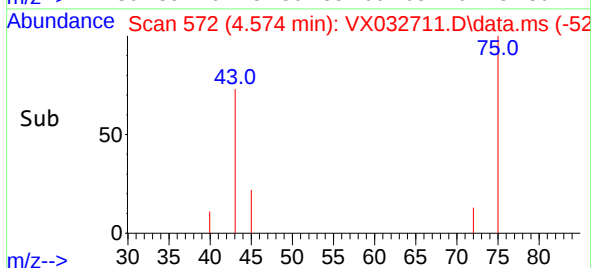
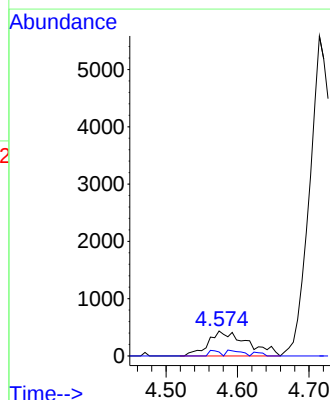
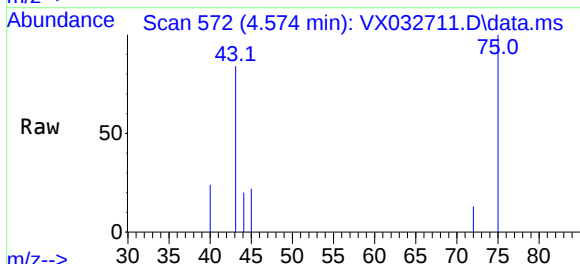
Ion	Ratio	Lower	Upper
84	100		
49	117.5	101.0	151.6
51	35.1	31.1	46.7
86	64.0	52.3	78.5

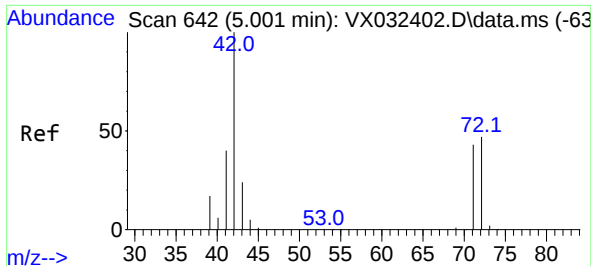


#25
2-Butanone
Concen: 1.701 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.018 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

Tgt Ion: 43 Resp: 1651

Ion	Ratio	Lower	Upper
43	100		
72	15.9	22.2	33.2#





#29

Tetrahydrofuran

Concen: 0.270 ug/l

RT: 5.031 min Scan# 64

Delta R.T. 0.030 min

Lab File: VX032711.D

Acq: 10 Nov 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

TP-13

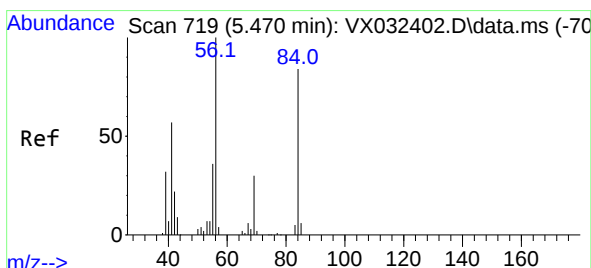
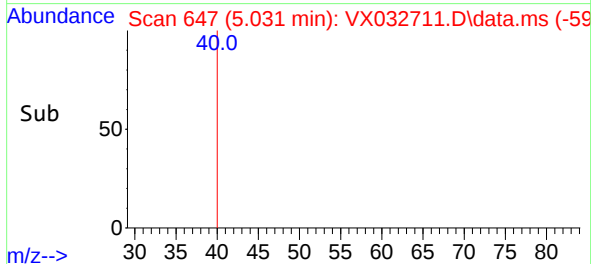
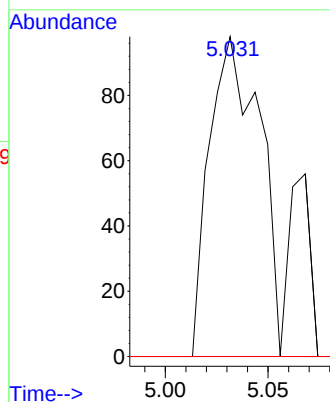
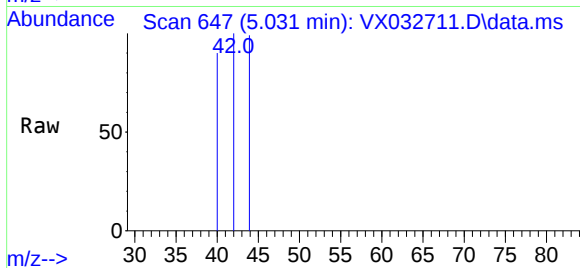
Tgt Ion: 42 Resp: 167

Ion Ratio Lower Upper

42 100

72 0.0 37.6 56.4#

71 0.0 34.7 52.1#



#31

Cyclohexane

Concen: 1.367 ug/l

RT: 5.544 min Scan# 731

Delta R.T. 0.073 min

Lab File: VX032711.D

Acq: 10 Nov 2022 06:50

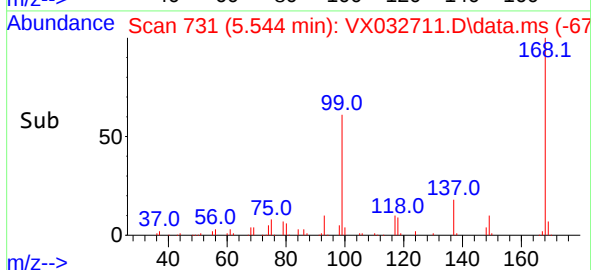
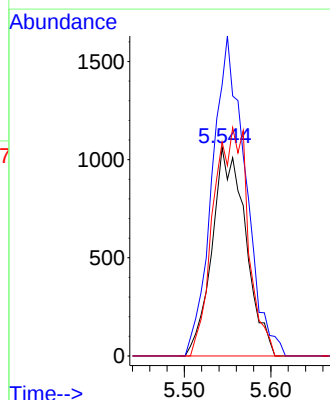
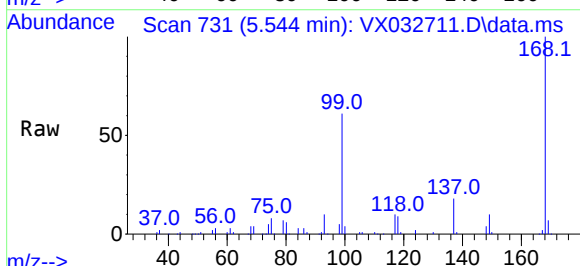
Tgt Ion: 56 Resp: 2857

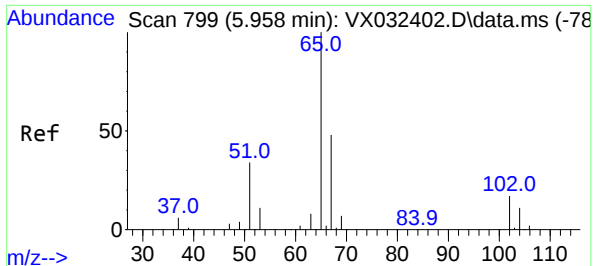
Ion Ratio Lower Upper

56 100

69 130.0 24.1 36.1#

84 102.6 66.9 100.3#





#33

1,2-Dichloroethane-d4

Concen: 51.571 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX032711.D

Acq: 10 Nov 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

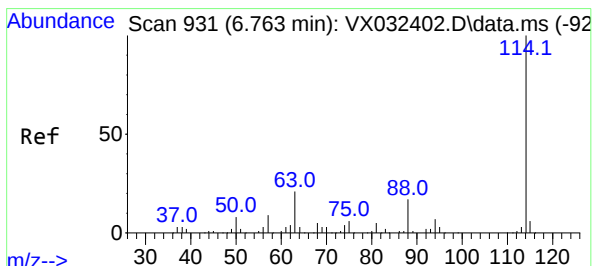
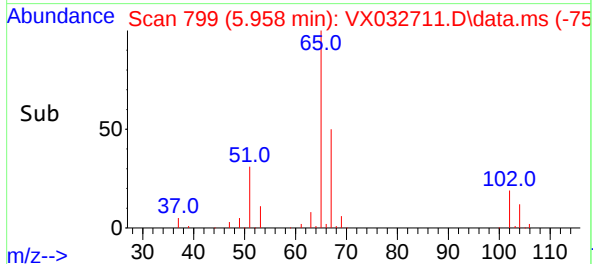
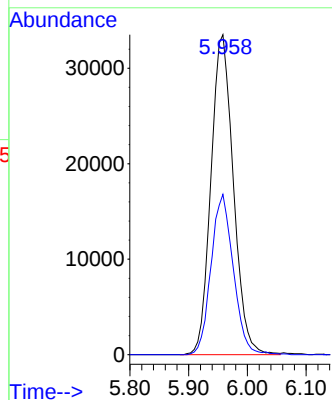
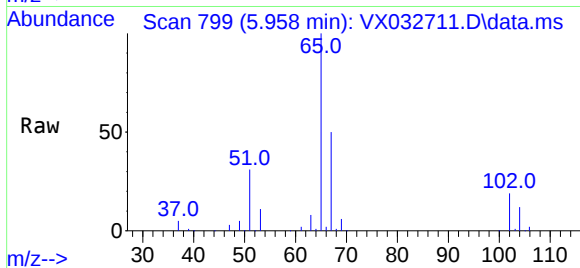
TP-13

Tgt Ion: 65 Resp: 88912

Ion Ratio Lower Upper

65 100

67 49.8 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: VX032711.D

Acq: 10 Nov 2022 06:50

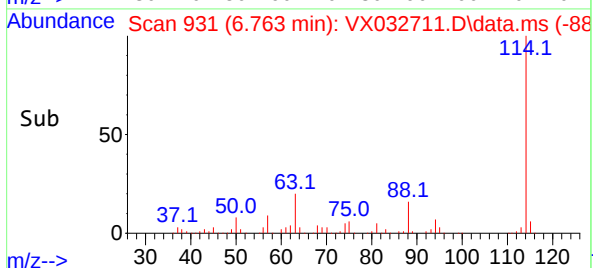
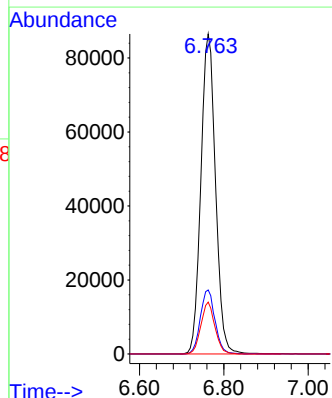
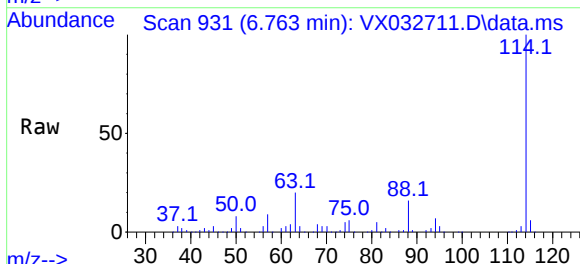
Tgt Ion: 114 Resp: 209020

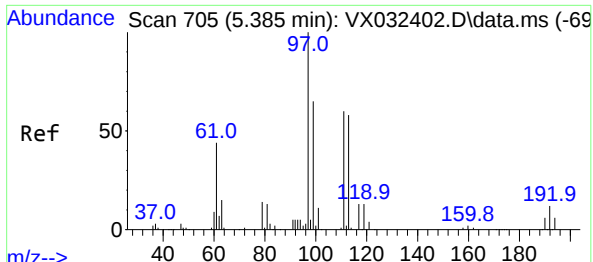
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.6

88 16.2 0.0 33.4



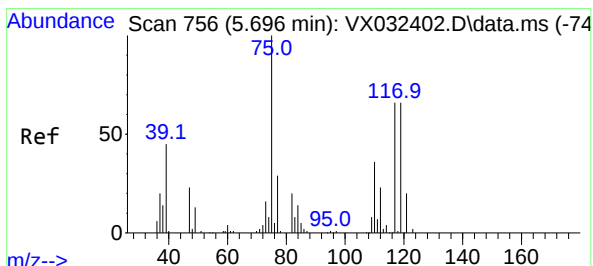
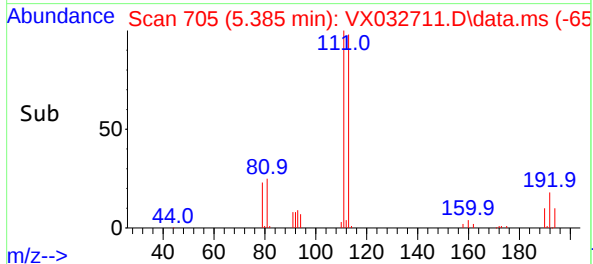
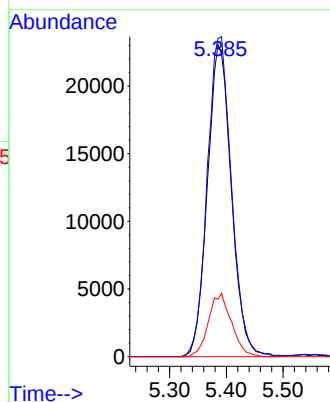
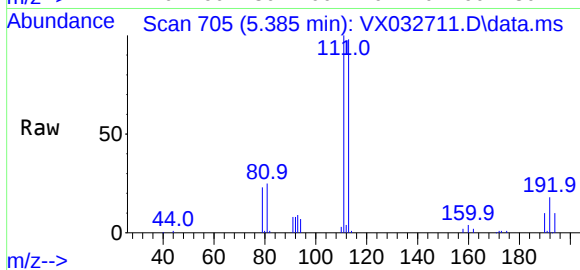


#35
Dibromofluoromethane
Concen: 45.285 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

Instrument :
MSVOA_X
ClientSampleId :
TP-13

Tgt Ion:113 Resp: 67518

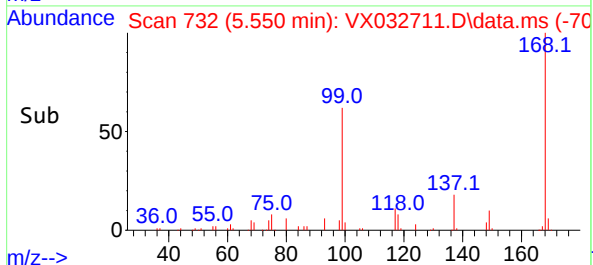
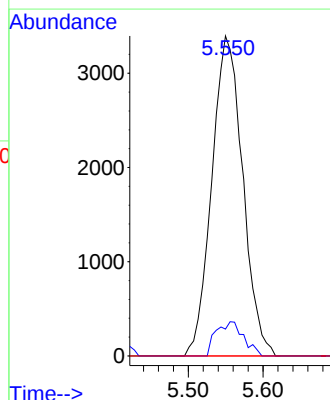
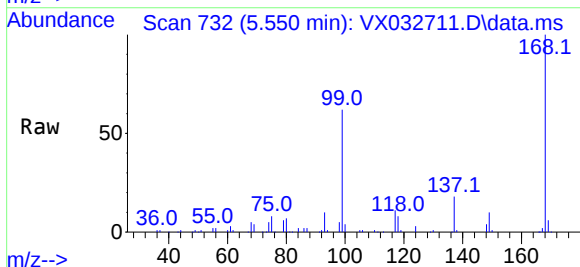
Ion	Ratio	Lower	Upper
113	100		
111	104.0	82.4	123.6
192	19.6	15.4	23.2

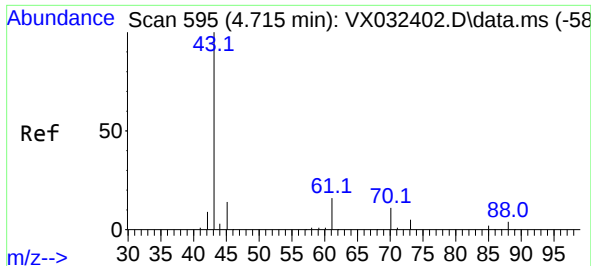


#36
1,1-Dichloropropene
Concen: 4.703 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.146 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

Tgt Ion: 75 Resp: 9764

Ion	Ratio	Lower	Upper
75	100		
110	9.5	18.4	55.2#
77	0.0	24.5	36.7#





#37

Ethyl Acetate

Concen: 7.202 ug/l

RT: 4.714 min Scan# 595

Delta R.T. -0.000 min

Lab File: VX032711.D

Acq: 10 Nov 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

TP-13

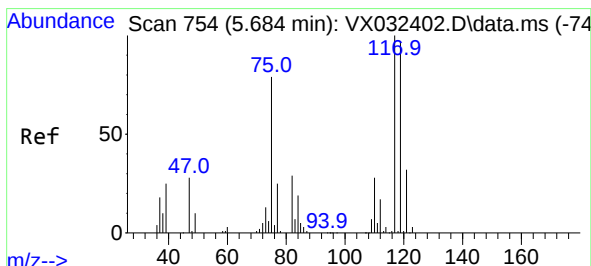
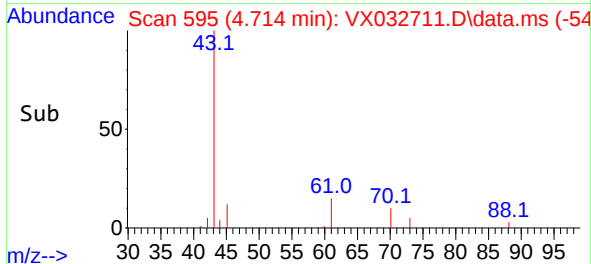
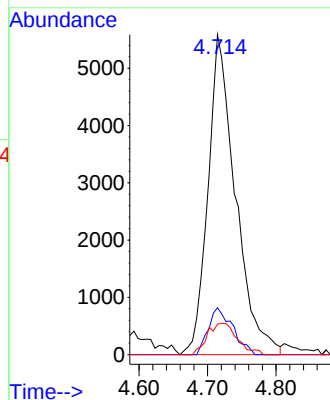
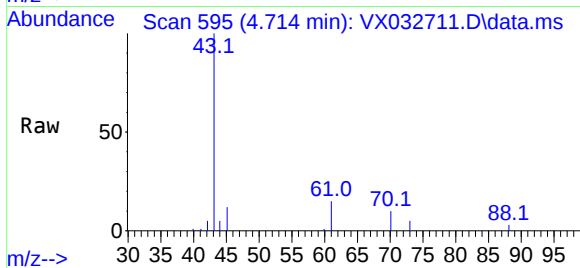
Tgt Ion: 43 Resp: 15565

Ion Ratio Lower Upper

43 100

61 13.0 11.5 17.3

70 10.7 9.1 13.7



#38

Carbon Tetrachloride

Concen: 5.546 ug/l

RT: 5.550 min Scan# 732

Delta R.T. -0.134 min

Lab File: VX032711.D

Acq: 10 Nov 2022 06:50

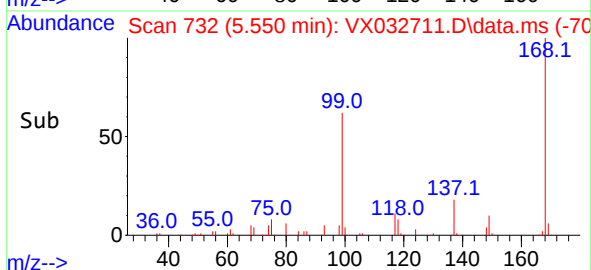
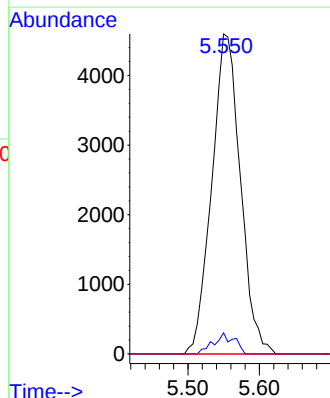
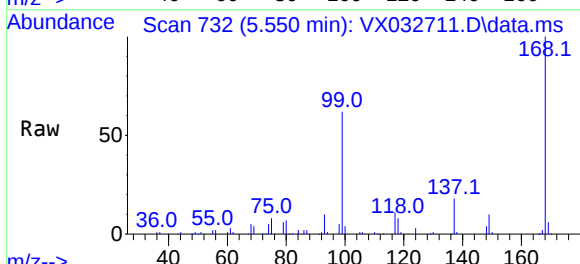
Tgt Ion: 117 Resp: 12771

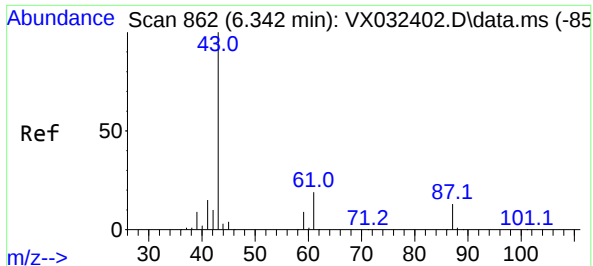
Ion Ratio Lower Upper

117 100

119 6.6 77.2 115.8#

121 0.0 25.8 38.6#

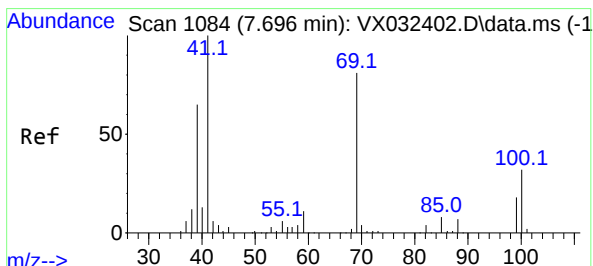
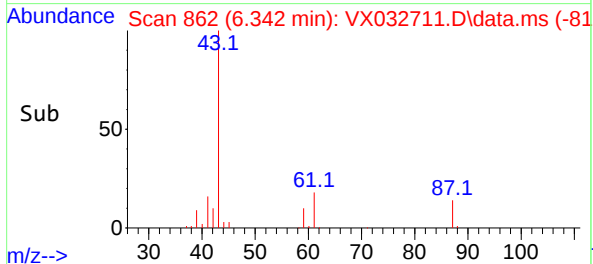
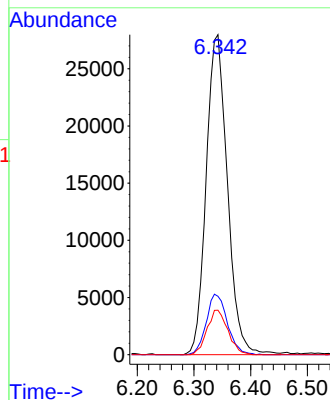
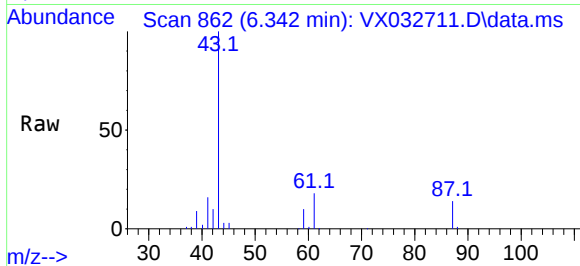




#43
Isopropyl Acetate
Concen: 21.954 ug/l
RT: 6.342 min Scan# 862
Delta R.T. -0.000 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

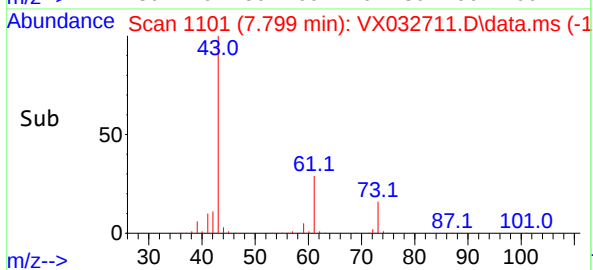
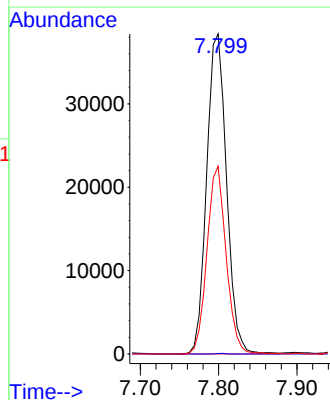
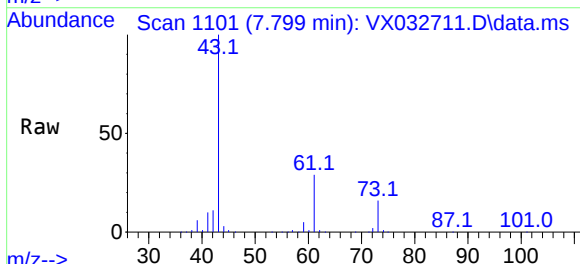
Instrument :
MSVOA_X
ClientSampleId :
TP-13

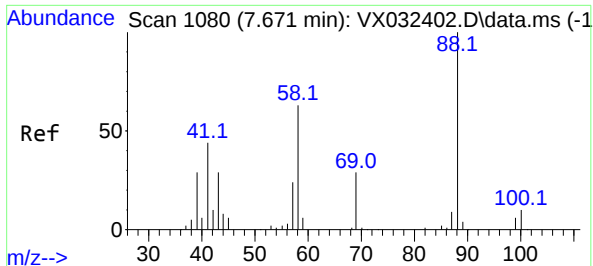
Tgt Ion: 43 Resp: 72850
Ion Ratio Lower Upper
43 100
61 18.7 15.4 23.0
87 13.6 10.8 16.2



#48
Methyl methacrylate
Concen: 39.407 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

Tgt Ion: 41 Resp: 67534
Ion Ratio Lower Upper
41 100
69 0.1 65.1 97.7#
39 56.6 51.9 77.9





#49

1,4-Dioxane

Concen: 0.582 ug/l

RT: 7.787 min Scan# 1099

Delta R.T. 0.116 min

Lab File: VX032711.D

Acq: 10 Nov 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

TP-13

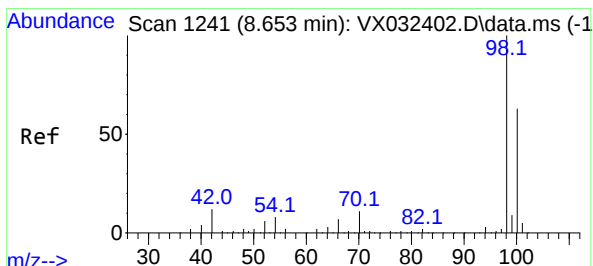
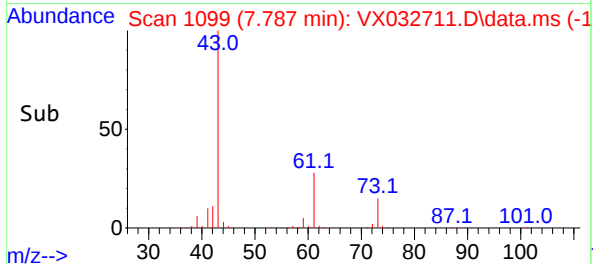
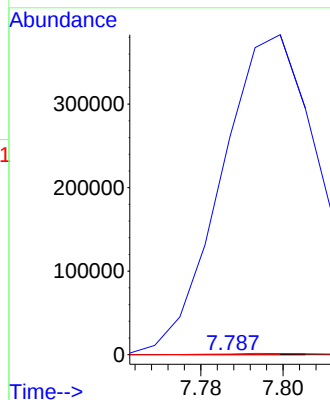
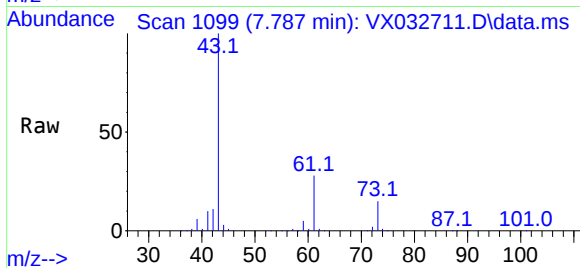
Tgt Ion: 88 Resp: 19

Ion Ratio Lower Upper

88 100

43 0.0 26.6 39.8#

58 0.0 51.7 77.5#



#50

Toluene-d8

Concen: 50.132 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. -0.006 min

Lab File: VX032711.D

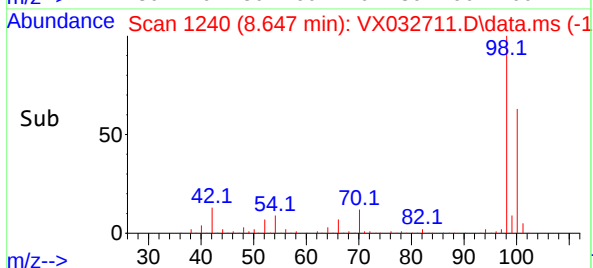
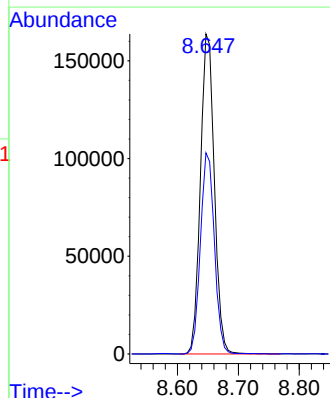
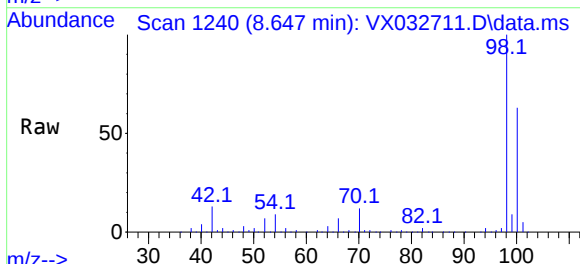
Acq: 10 Nov 2022 06:50

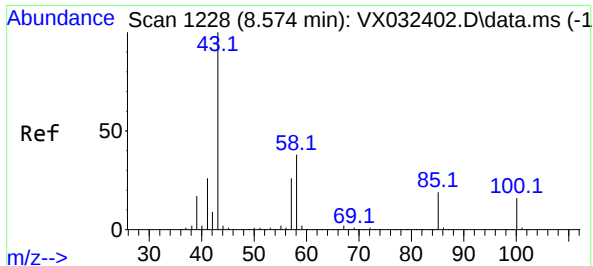
Tgt Ion: 98 Resp: 259902

Ion Ratio Lower Upper

98 100

100 63.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 30.223 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX032711.D

Acq: 10 Nov 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

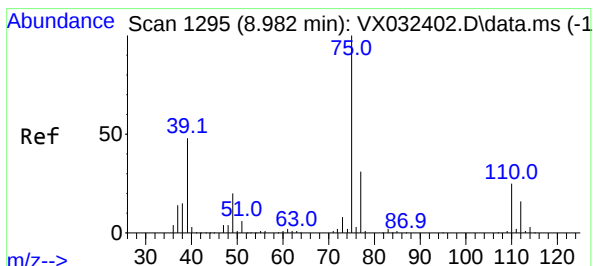
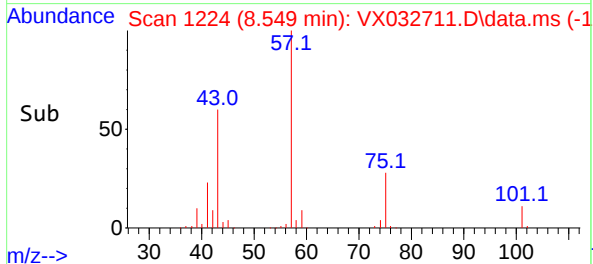
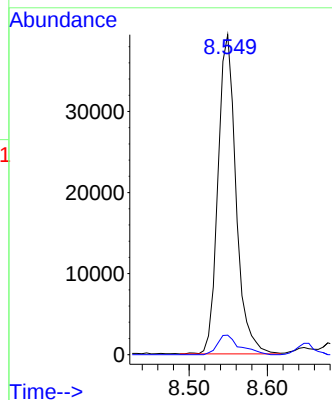
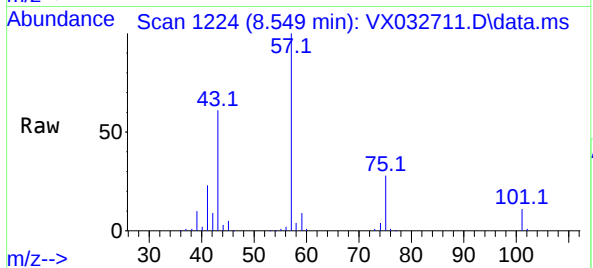
TP-13

Tgt Ion: 43 Resp: 63169

Ion Ratio Lower Upper

43 100

58 7.6 30.9 46.3#



#53

t-1,3-Dichloropropene

Concen: 0.229 ug/l

RT: 8.952 min Scan# 1290

Delta R.T. -0.031 min

Lab File: VX032711.D

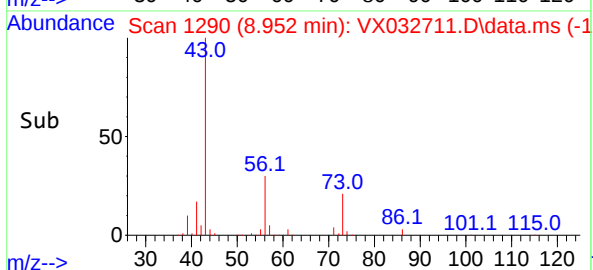
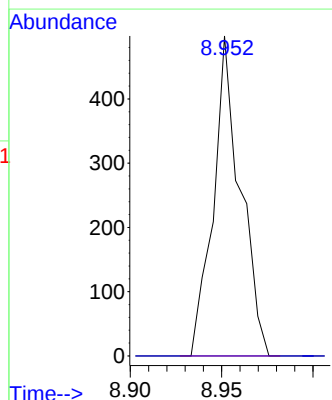
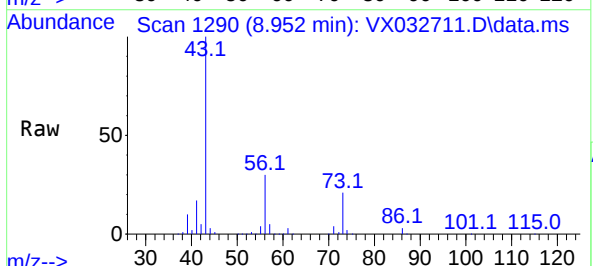
Acq: 10 Nov 2022 06:50

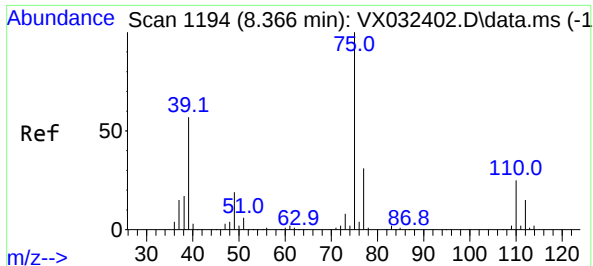
Tgt Ion: 75 Resp: 512

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#





#54

cis-1,3-Dichloropropene

Concen: 11.420 ug/l

RT: 8.549 min Scan# 11

Delta R.T. 0.183 min

Lab File: VX032711.D

Acq: 10 Nov 2022 06:50

Instrument :

MSVOA_X

ClientSampleId :

TP-13

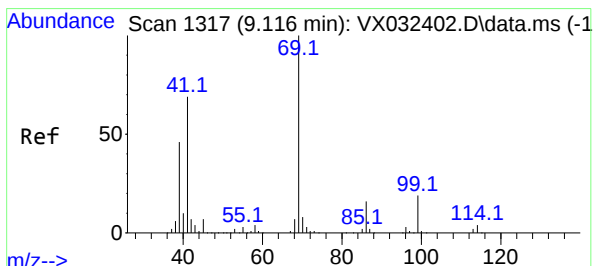
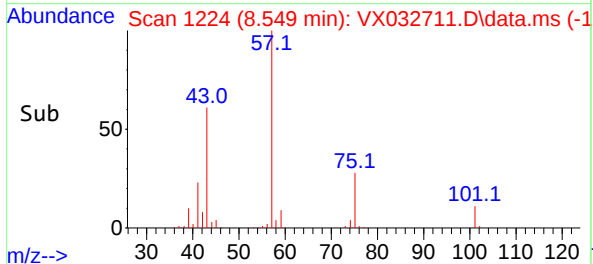
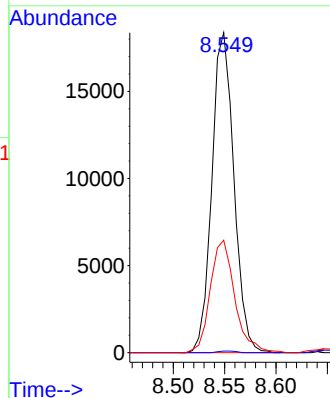
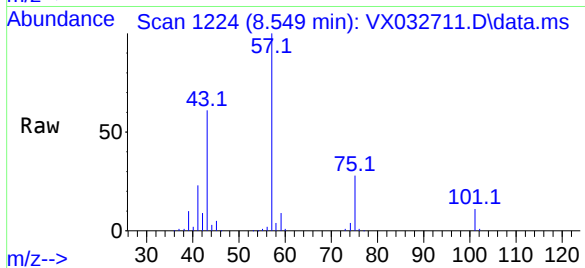
Tgt Ion: 75 Resp: 27321

Ion Ratio Lower Upper

75 100

77 0.5 25.1 37.7#

39 35.1 45.5 68.3#



#56

Ethyl methacrylate

Concen: 0.248 ug/l

RT: 9.244 min Scan# 1338

Delta R.T. 0.128 min

Lab File: VX032711.D

Acq: 10 Nov 2022 06:50

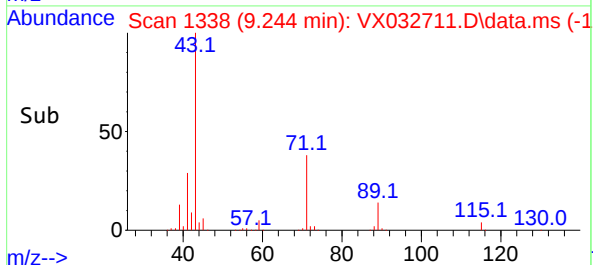
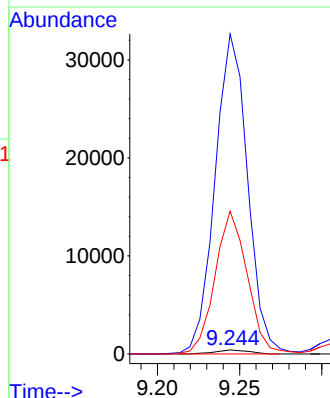
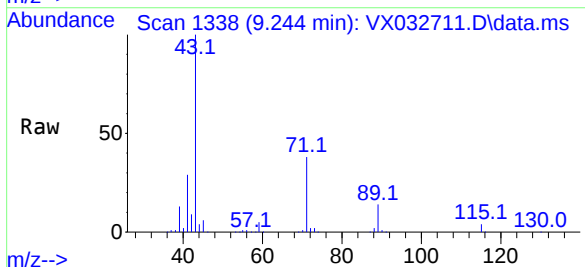
Tgt Ion: 69 Resp: 576

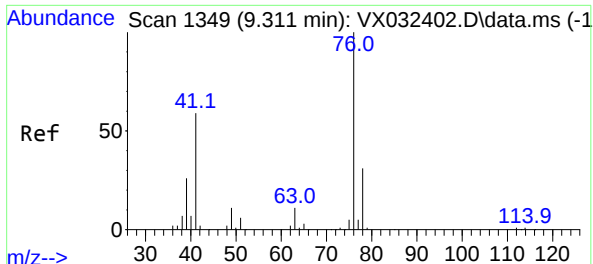
Ion Ratio Lower Upper

69 100

41 7825.0 54.3 81.5#

39 3456.4 35.2 52.8#

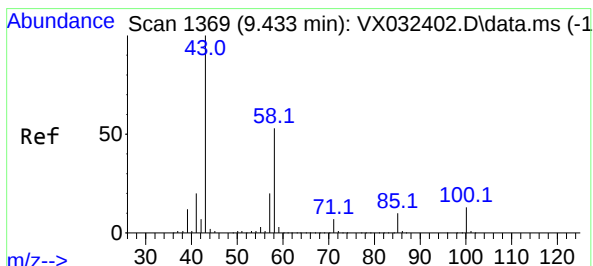
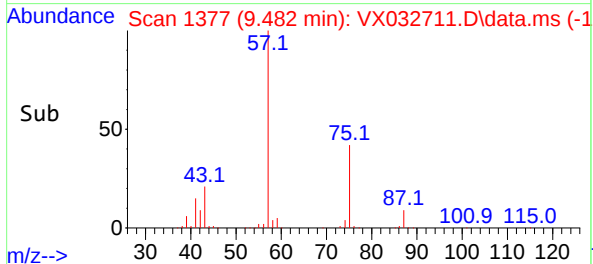
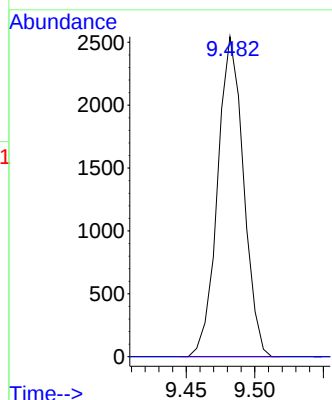
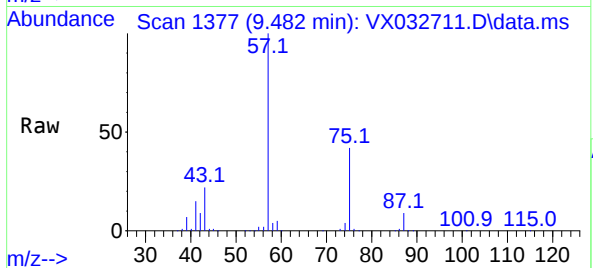




#57
1,3-Dichloropropane
Concen: 1.284 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

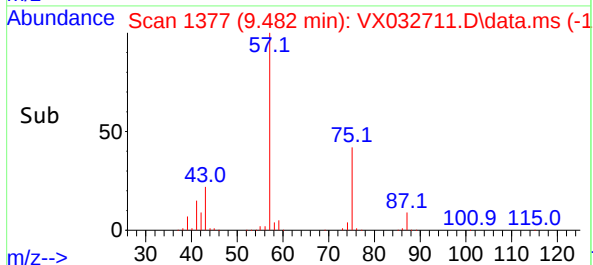
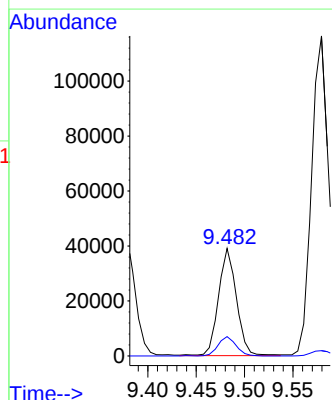
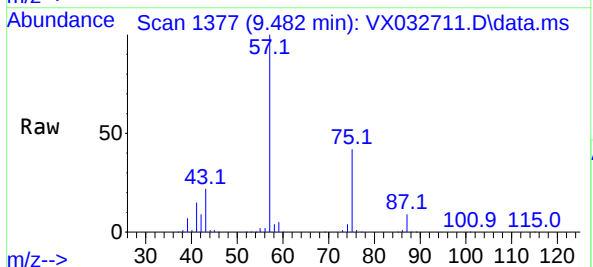
Instrument :
MSVOA_X
ClientSampleId :
TP-13

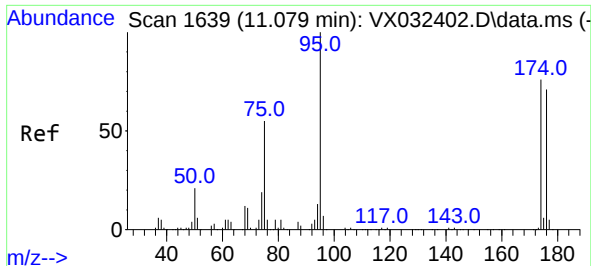
Tgt Ion: 76 Resp: 3348
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 32.356 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

Tgt Ion: 43 Resp: 50180
Ion Ratio Lower Upper
43 100
58 18.1 26.5 79.5#

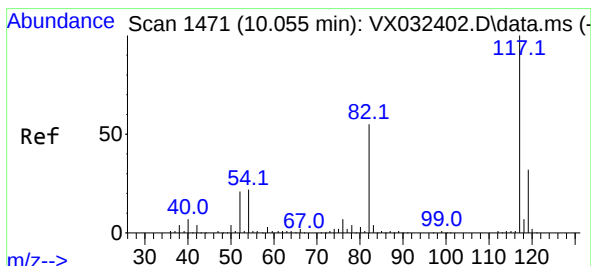
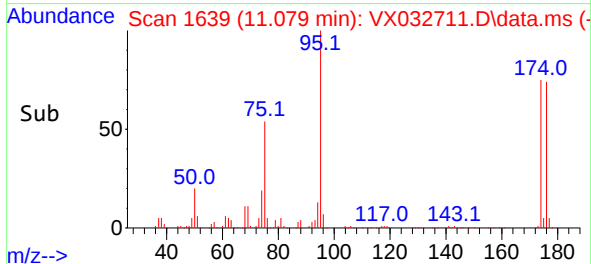
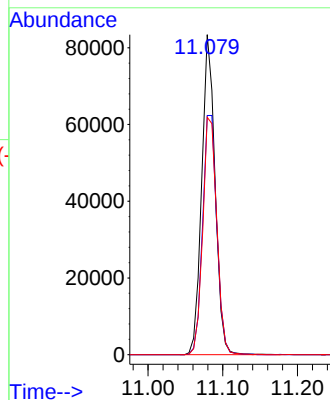
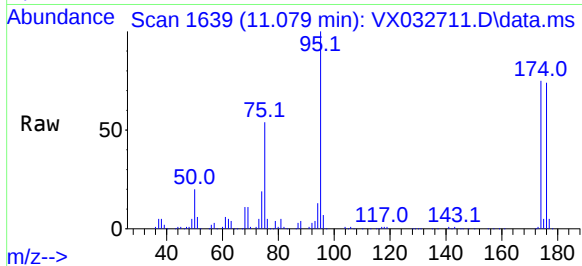




#62
4-Bromofluorobenzene
Concen: 51.028 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

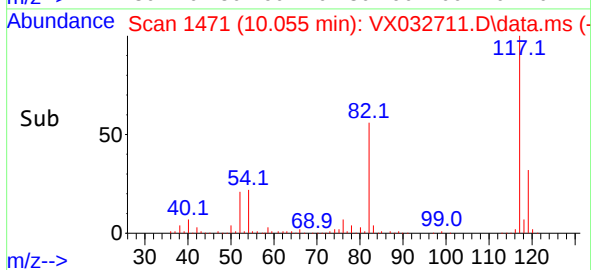
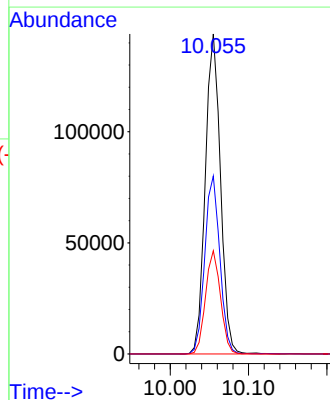
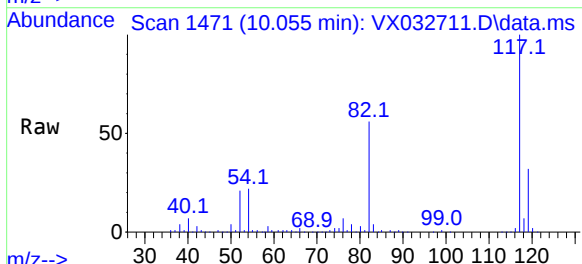
Instrument :
MSVOA_X
ClientSampleId :
TP-13

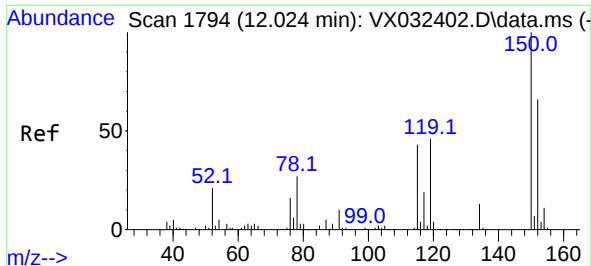
Tgt Ion: 95 Resp: 103340
Ion Ratio Lower Upper
95 100
174 79.6 0.0 164.0
176 78.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

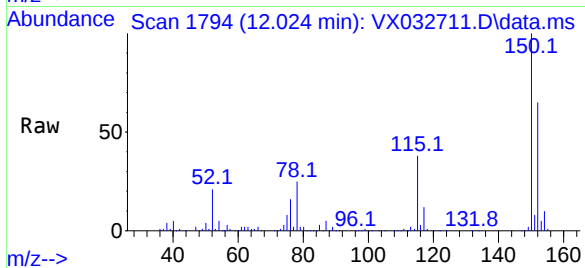
Tgt Ion: 117 Resp: 193404
Ion Ratio Lower Upper
117 100
82 55.6 44.3 66.5
119 32.2 25.7 38.5



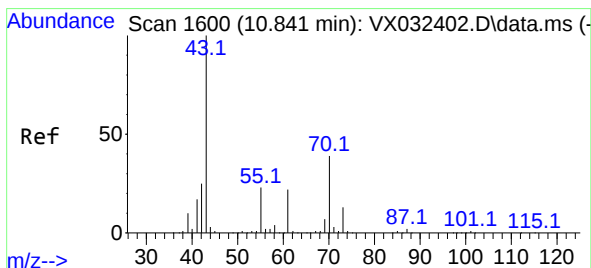
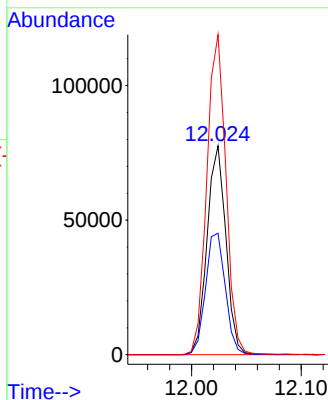
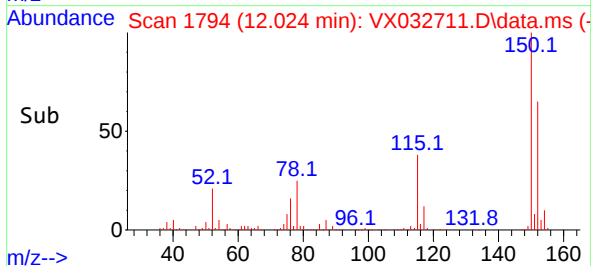


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

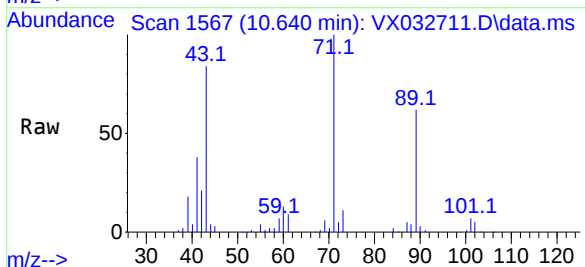
Instrument :
MSVOA_X
ClientSampleId :
TP-13



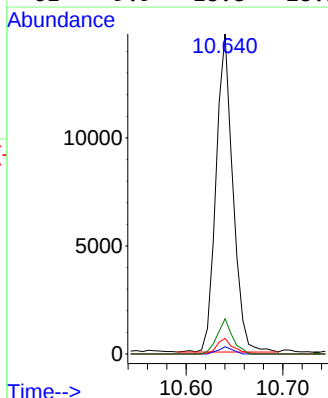
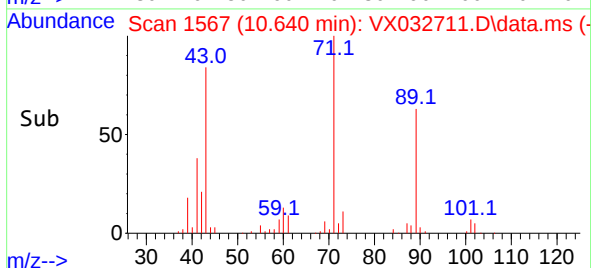
Tgt Ion:152 Resp: 92840
Ion Ratio Lower Upper
152 100
115 61.1 44.0 132.0
150 155.1 0.0 351.8

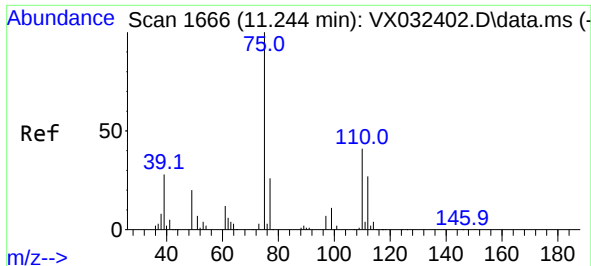


#74
N-ethyl acetate
Concen: 6.404 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.201 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50



Tgt Ion: 43 Resp: 17800
Ion Ratio Lower Upper
43 100
70 1.9 33.6 50.4#
55 4.6 19.4 29.2#
61 9.9 18.8 28.2#

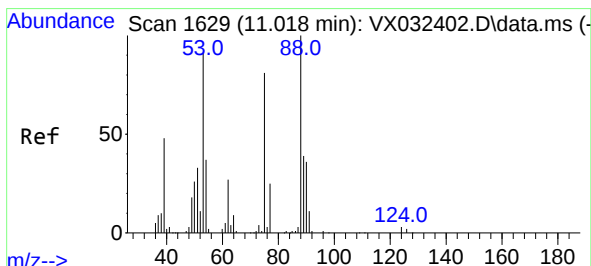
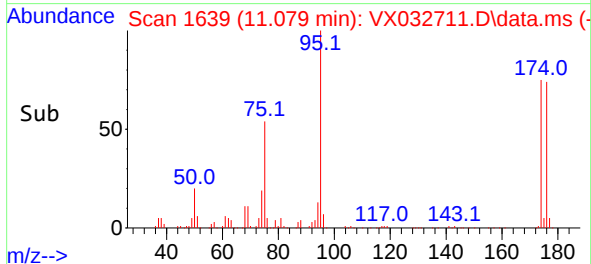
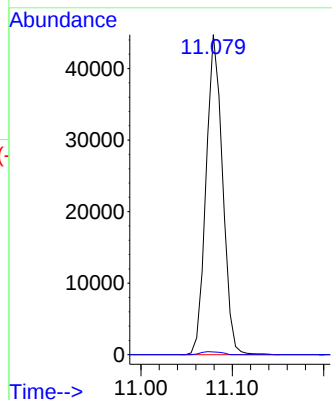
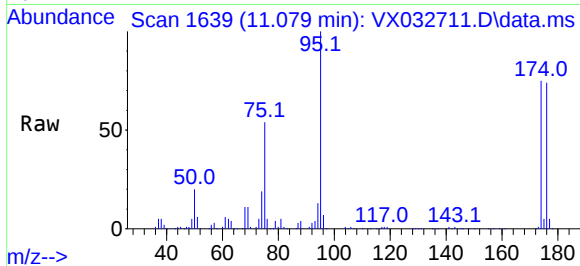




#76
1,2,3-Trichloropropane
Concen: 27.050 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

Instrument :
MSVOA_X
ClientSampleId :
TP-13

Tgt Ion: 75 Resp: 55870
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 86.073 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX032711.D
Acq: 10 Nov 2022 06:50

Tgt Ion: 75 Resp: 55870
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

