

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110922\
 Data File : VX032713.D
 Acq On : 10 Nov 2022 07:36
 Operator : JC/MD
 Sample : N5509-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

Quant Time: Nov 10 08:09:25 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

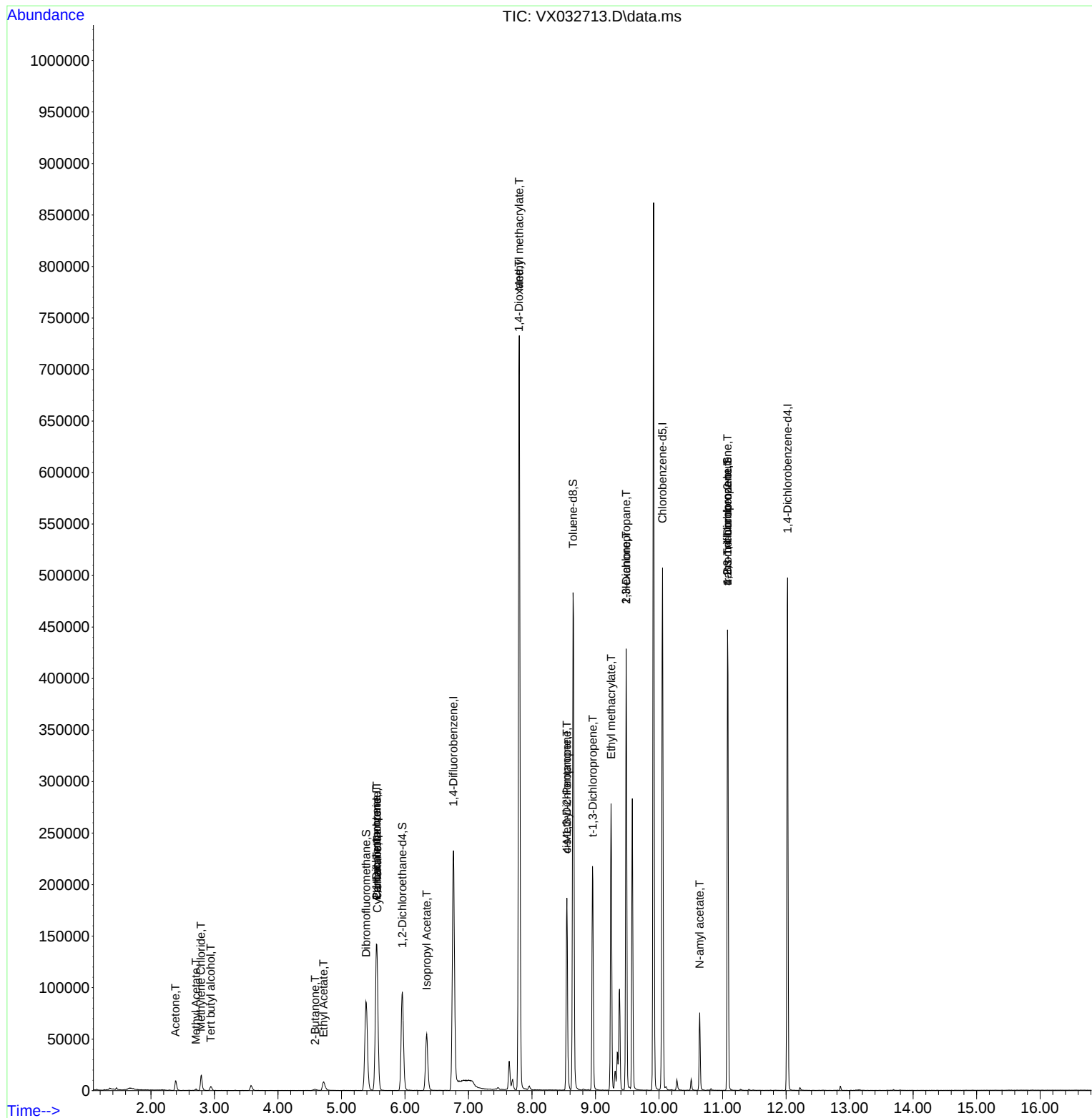
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	136385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	227302	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	215209	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	100282	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	96160	50.743	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	101.480%
35) Dibromofluoromethane	5.385	113	74551	45.980	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.960%
50) Toluene-d8	8.647	98	284268	50.421	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.840%
62) 4-Bromofluorobenzene	11.079	95	111865	50.795	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.600%
Target Compounds						
11) Tert butyl alcohol	2.940	59	2441	8.850	ug/l #	72
16) Acetone	2.386	43	12129	17.610	ug/l	97
18) Methyl Acetate	2.709	43	1809	0.808	ug/l	91
20) Methylene Chloride	2.788	84	7016	4.443	ug/l	95
25) 2-Butanone	4.587	43	1571	1.472	ug/l	91
31) Cyclohexane	5.562	56	3119	1.357	ug/l #	43
36) 1,1-Dichloropropene	5.550	75	10878	4.818	ug/l #	50
37) Ethyl Acetate	4.715	43	15633	6.652	ug/l	99
38) Carbon Tetrachloride	5.556	117	13759	5.494	ug/l #	16
43) Isopropyl Acetate	6.342	43	73554	20.383	ug/l	100
48) Methyl methacrylate	7.799	41	67336	36.131	ug/l #	45
49) 1,4-Dioxane	7.793	88	55	1.549	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	64595	28.419	ug/l #	48
53) t-1,3-Dichloropropene	8.958	75	488	0.201	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	28213	10.845	ug/l #	62
56) Ethyl methacrylate	9.244	69	516	0.204	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3734	1.317	ug/l #	42
59) 2-Hexanone	9.482	43	51934	30.793	ug/l #	51
74) N-amyl acetate	10.640	43	18597	6.194	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	61906	27.748	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	61906	88.294	ug/l #	6

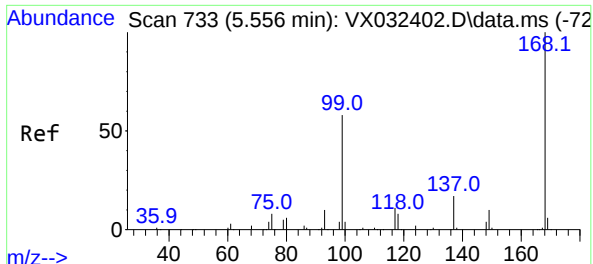
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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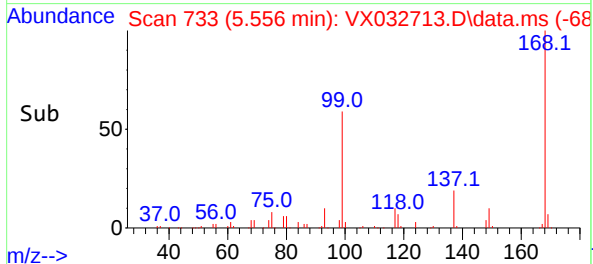
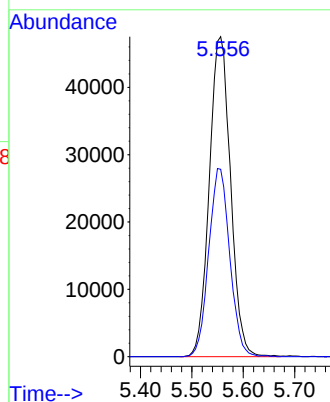
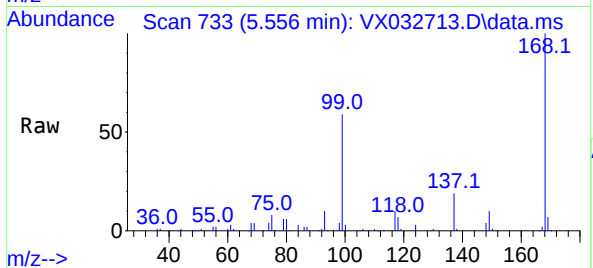




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

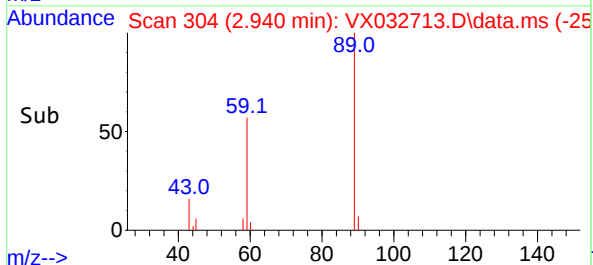
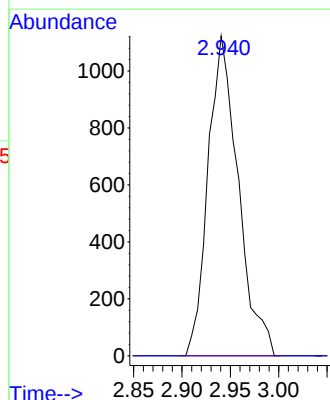
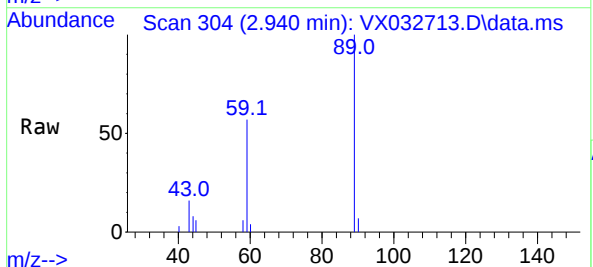
Instrument :
MSVOA_X
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TP-11

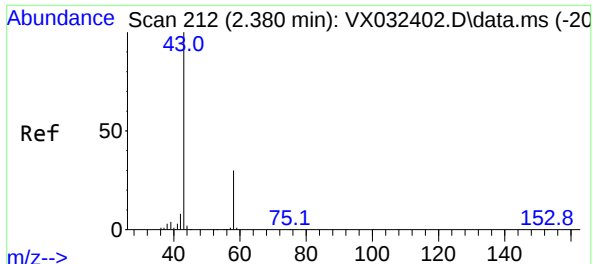
Tgt Ion:168 Resp: 136385
Ion Ratio Lower Upper
168 100
99 58.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 8.850 ug/l
RT: 2.940 min Scan# 304
Delta R.T. -0.024 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion: 59 Resp: 2441
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

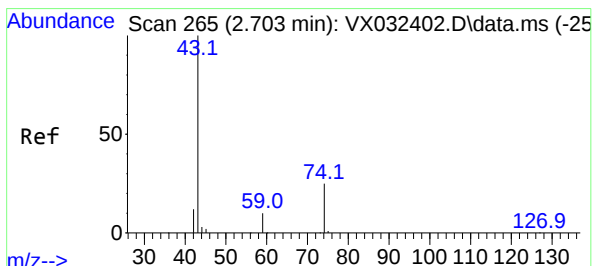
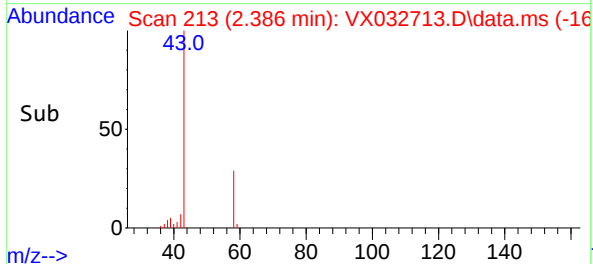
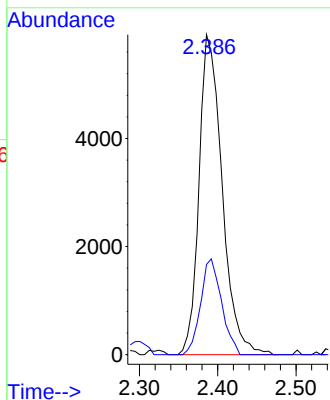
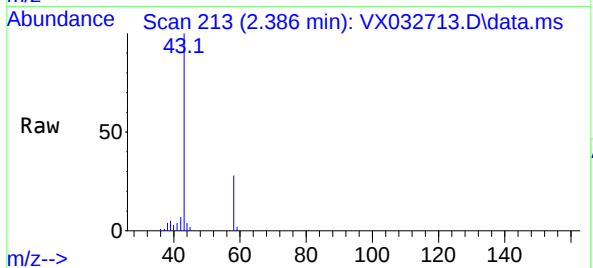




#16
Acetone
Concen: 17.610 ug/l
RT: 2.386 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

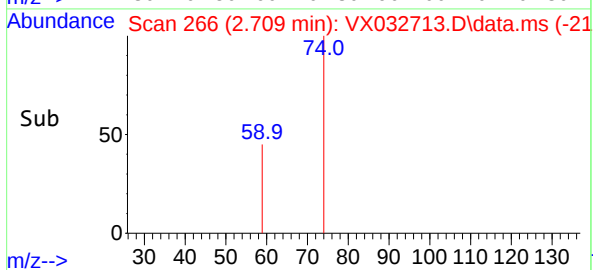
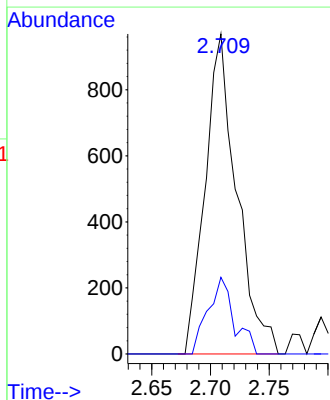
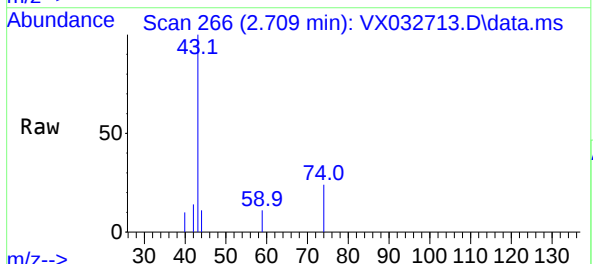
Instrument :
MSVOA_X
ClientSampleId :
TP-11

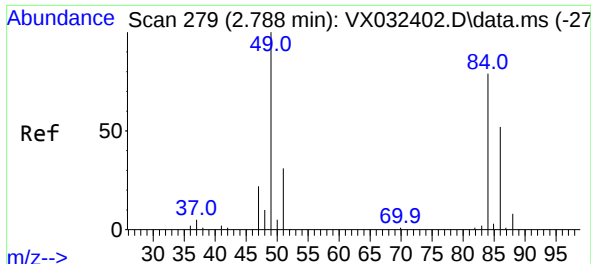
Tgt Ion: 43 Resp: 12129
Ion Ratio Lower Upper
43 100
58 28.2 23.8 35.8



#18
Methyl Acetate
Concen: 0.808 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.006 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion: 43 Resp: 1809
Ion Ratio Lower Upper
43 100
74 20.0 19.4 29.0

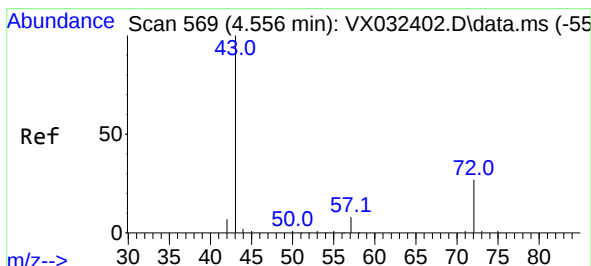
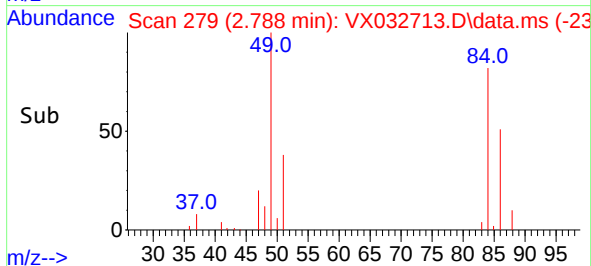
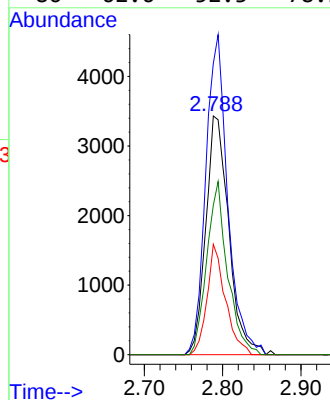
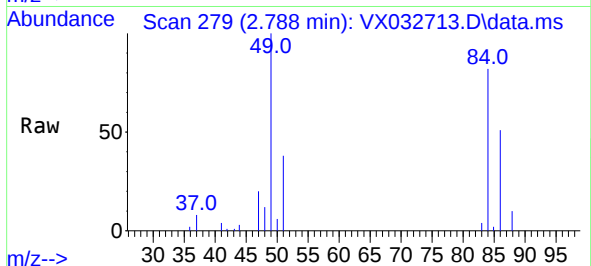




#20
Methylene Chloride
Concen: 4.443 ug/l
RT: 2.788 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

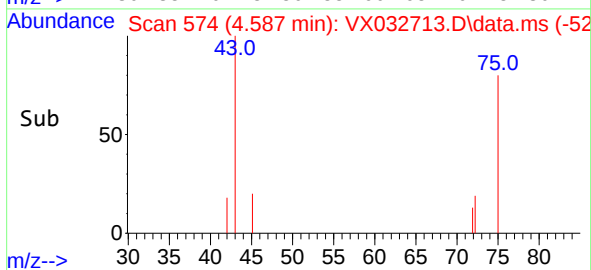
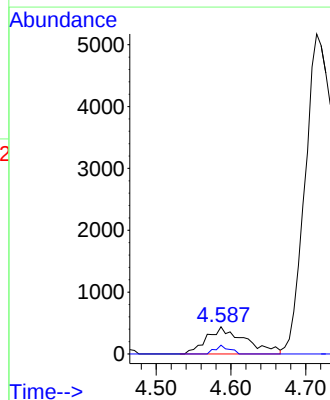
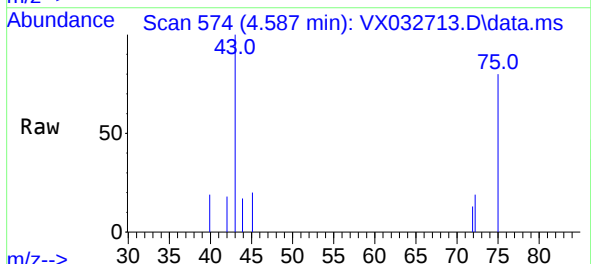
Instrument :
MSVOA_X
ClientSampleId :
TP-11

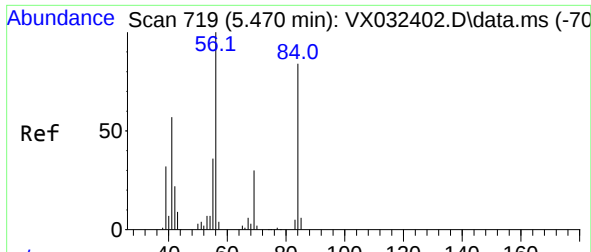
Tgt Ion:	84	Resp:	7016
Ion	Ratio	Lower	Upper
84	100		
49	122.0	101.0	151.6
51	46.3	31.1	46.7
86	62.6	52.3	78.5



#25
2-Butanone
Concen: 1.472 ug/l
RT: 4.587 min Scan# 574
Delta R.T. 0.031 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion:	43	Resp:	1571
Ion	Ratio	Lower	Upper
43	100		
72	32.3	22.2	33.2

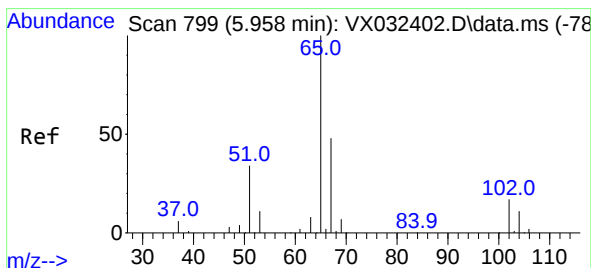
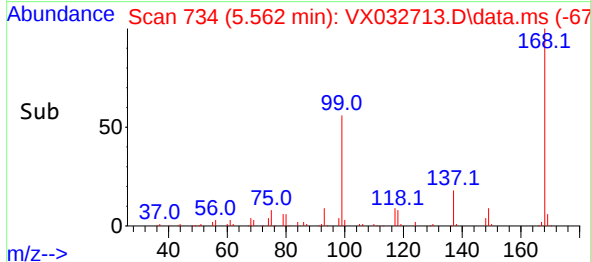
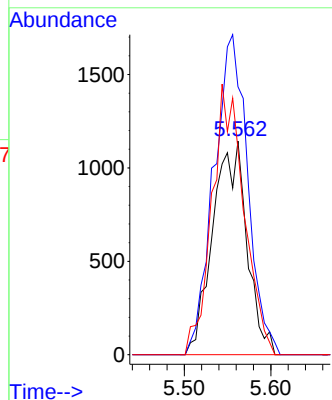
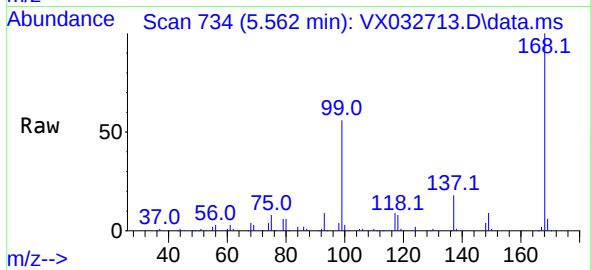




#31
Cyclohexane
Concen: 1.357 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.091 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

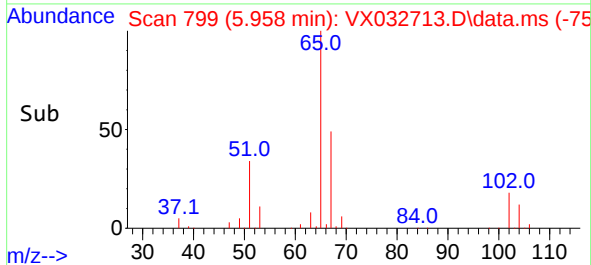
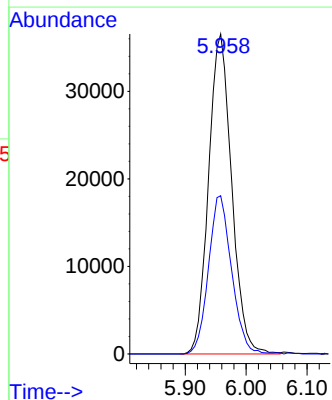
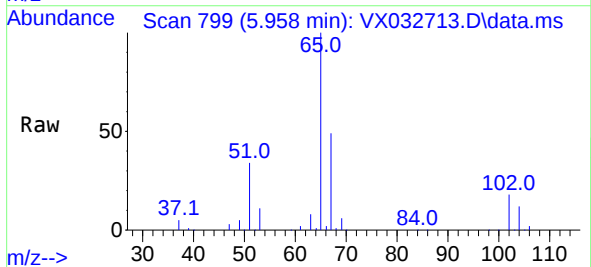
Instrument :
MSVOA_X
ClientSampleId :
TP-11

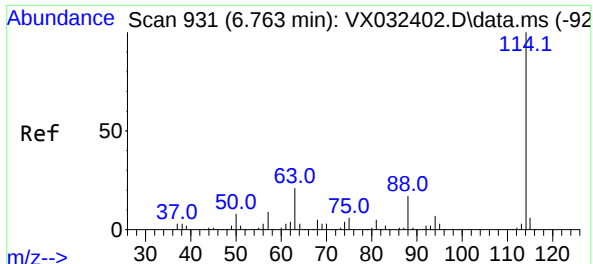
Tgt Ion: 56 Resp: 3119
Ion Ratio Lower Upper
56 100
69 125.4 24.1 36.1#
84 96.2 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 50.743 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion: 65 Resp: 96160
Ion Ratio Lower Upper
65 100
67 49.4 0.0 101.8

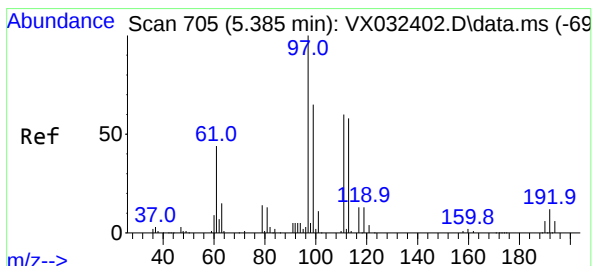
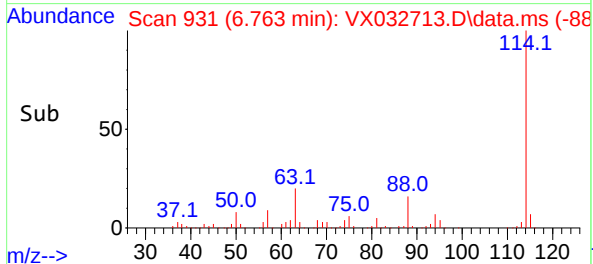
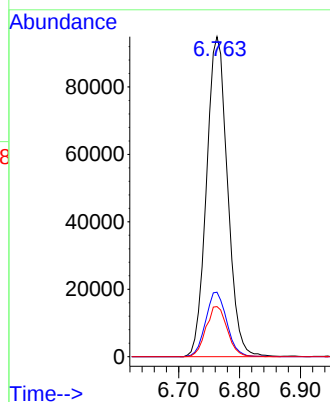
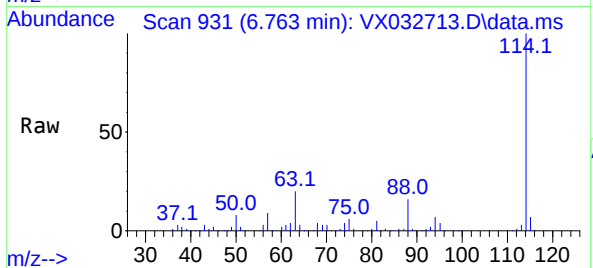




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

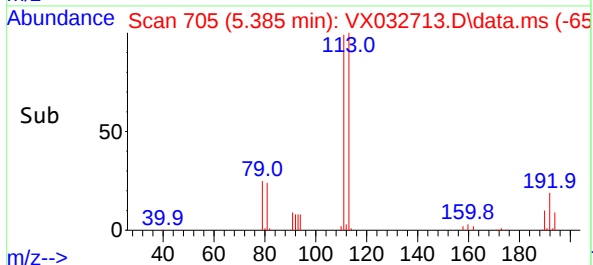
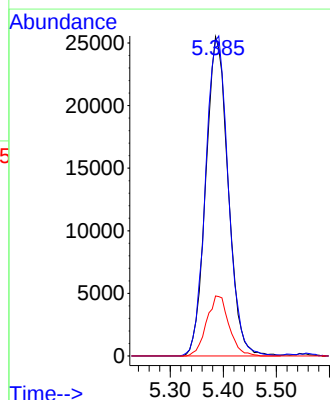
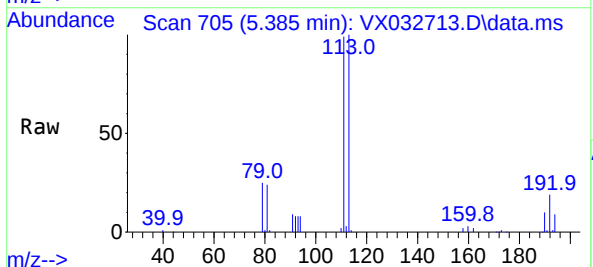
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MSVOA_X
ClientSampleId :
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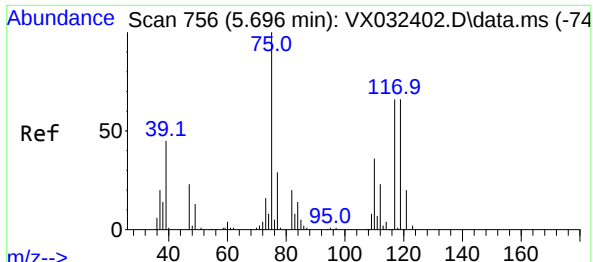
Tgt Ion:114 Resp: 227302
Ion Ratio Lower Upper
114 100
63 20.2 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 45.980 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion:113 Resp: 74551
Ion Ratio Lower Upper
113 100
111 101.9 82.4 123.6
192 18.8 15.4 23.2





#36

1,1-Dichloropropene

Concen: 4.818 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

Lab File: VX032713.D

Acq: 10 Nov 2022 07:36

Instrument :

MSVOA_X

ClientSampleId :

TP-11

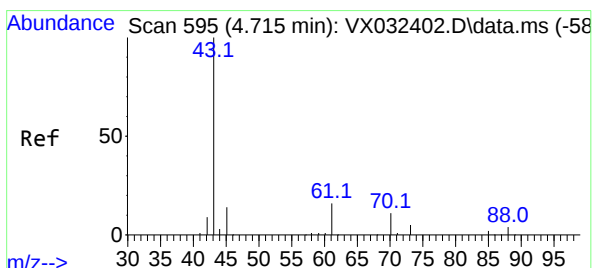
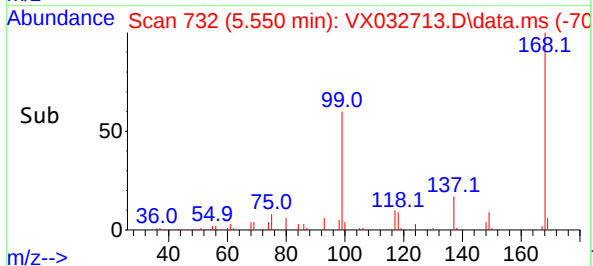
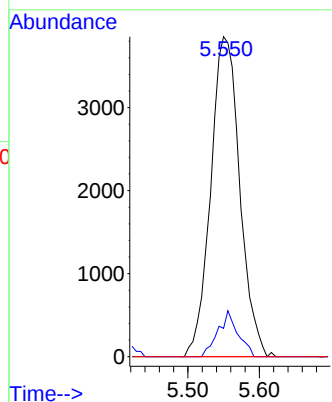
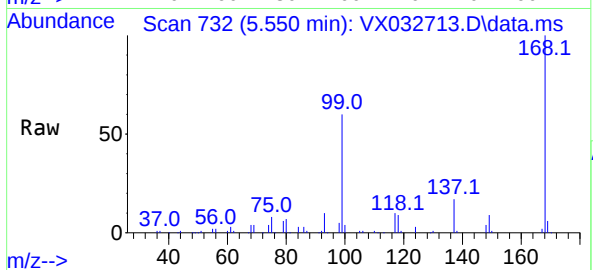
Tgt Ion: 75 Resp: 10878

Ion Ratio Lower Upper

75 100

110 9.8 18.4 55.2#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: 6.652 ug/l

RT: 4.715 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX032713.D

Acq: 10 Nov 2022 07:36

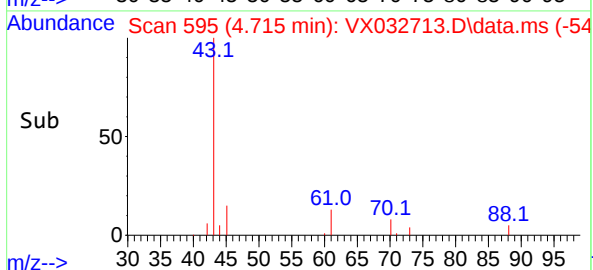
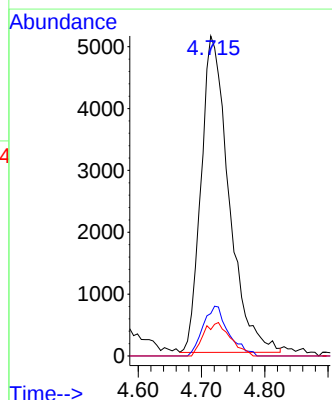
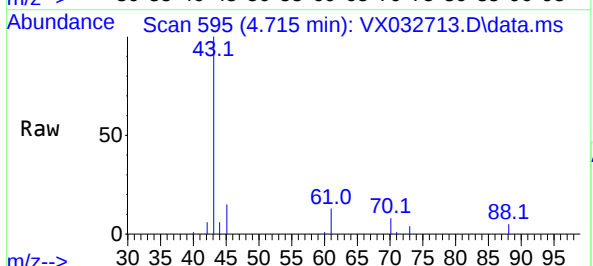
Tgt Ion: 43 Resp: 15633

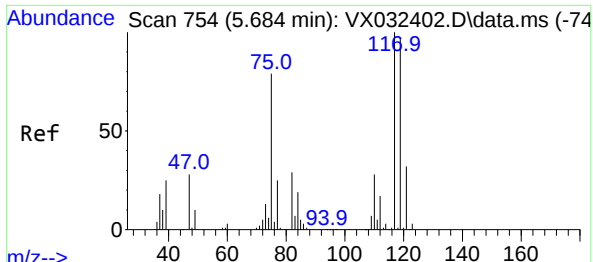
Ion Ratio Lower Upper

43 100

61 14.5 11.5 17.3

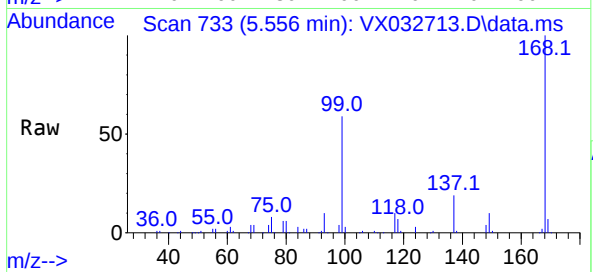
70 10.3 9.1 13.7



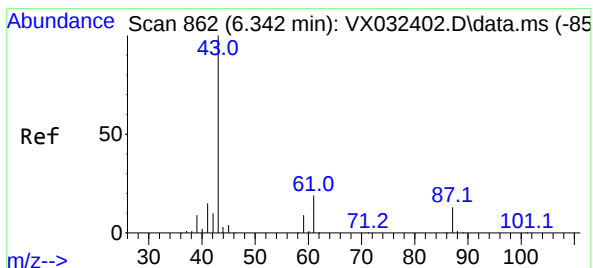
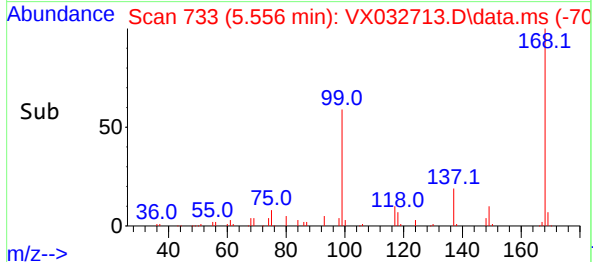
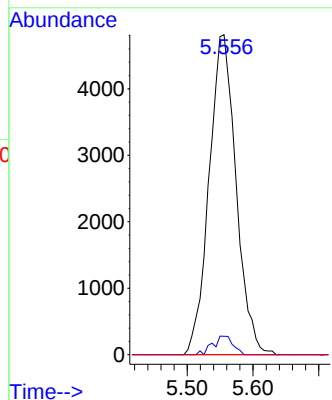


#38
Carbon Tetrachloride
Concen: 5.494 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.128 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Instrument :
MSVOA_X
ClientSampleId :
TP-11

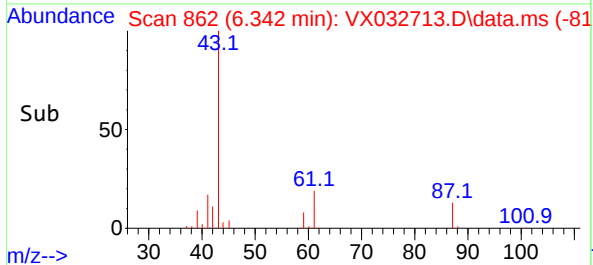
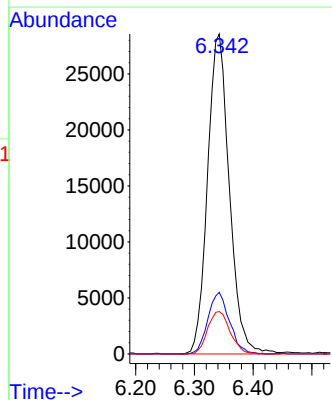
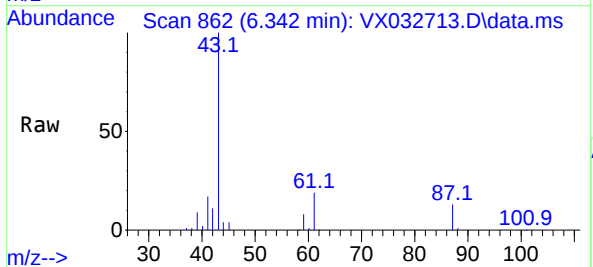


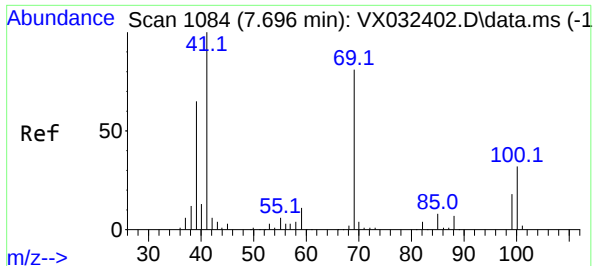
Tgt Ion:117 Resp: 13759
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 20.383 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion: 43 Resp: 73554
Ion Ratio Lower Upper
43 100
61 19.1 15.4 23.0
87 13.7 10.8 16.2

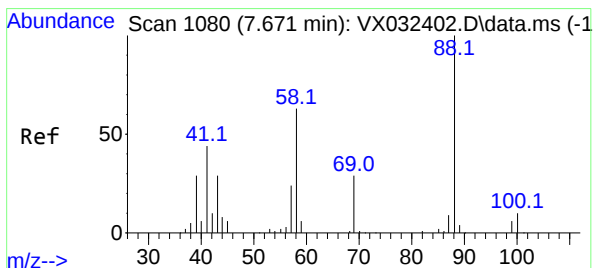
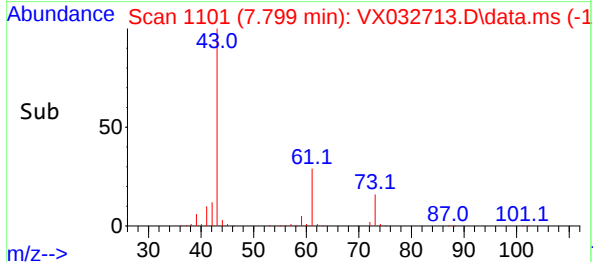
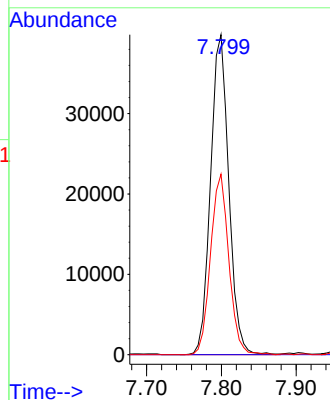
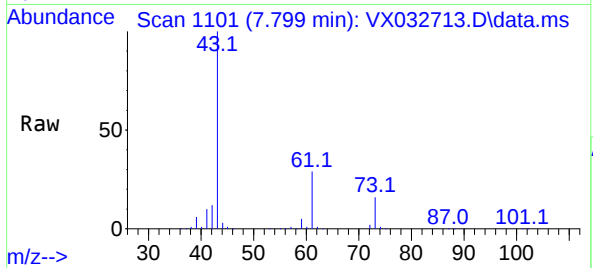




#48
Methyl methacrylate
Concen: 36.131 ug/l
RT: 7.799 min Scan# 1101
Delta R.T. 0.104 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

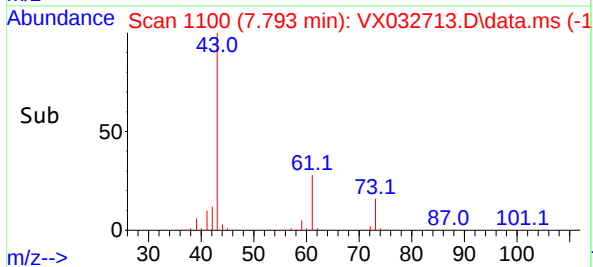
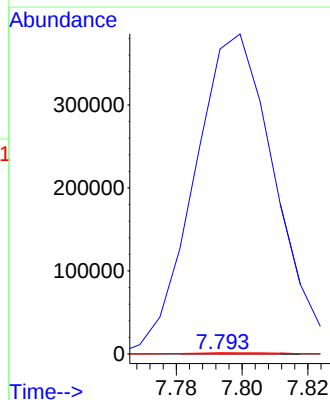
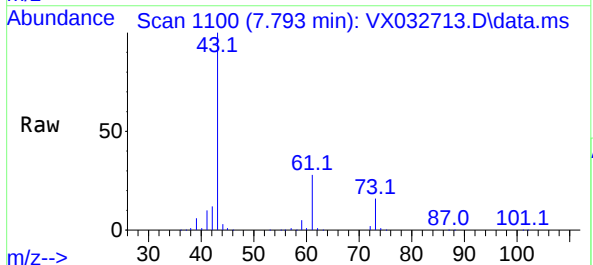
Instrument :
MSVOA_X
ClientSampleId :
TP-11

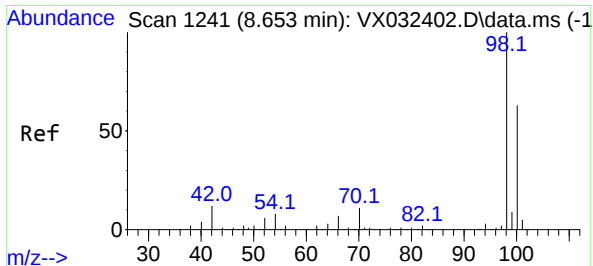
Tgt Ion: 41 Resp: 67336
Ion Ratio Lower Upper
41 100
69 0.0 65.1 97.7#
39 56.7 51.9 77.9



#49
1,4-Dioxane
Concen: 1.549 ug/l
RT: 7.793 min Scan# 1100
Delta R.T. 0.122 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 1209729.1 26.6 39.8#
58 5016.4 51.7 77.5#

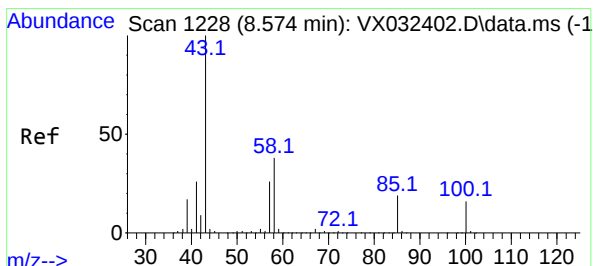
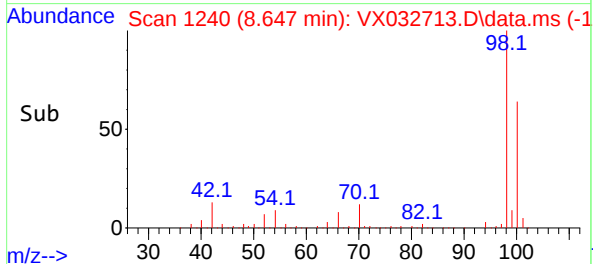
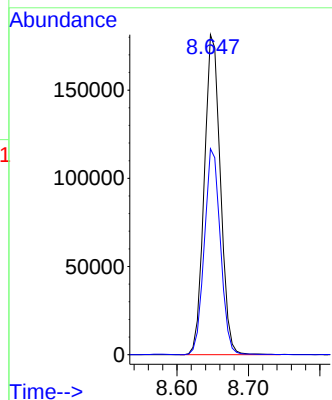
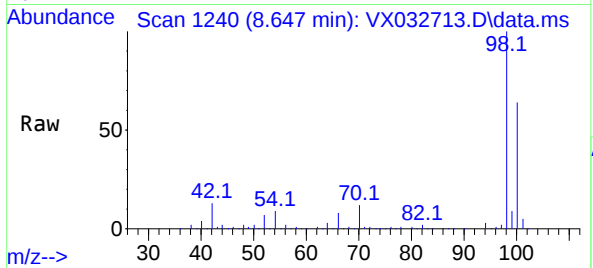




#50
Toluene-d8
Concen: 50.421 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

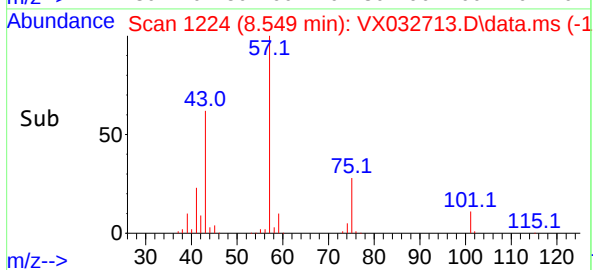
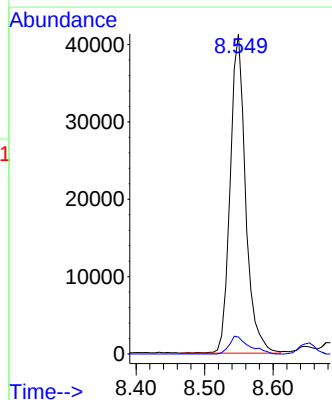
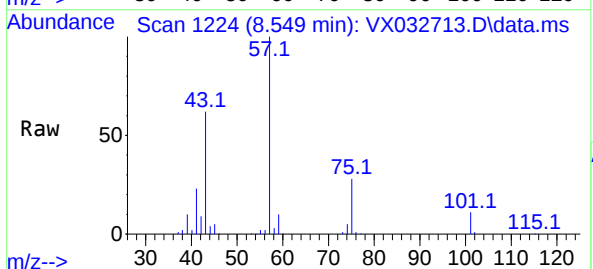
Instrument :
MSVOA_X
ClientSampleId :
TP-11

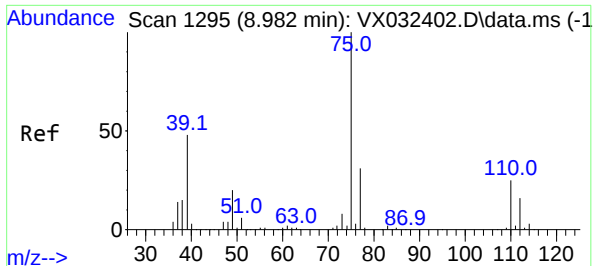
Tgt Ion: 98 Resp: 284268
Ion Ratio Lower Upper
98 100
100 64.0 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 28.419 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion: 43 Resp: 64595
Ion Ratio Lower Upper
43 100
58 7.1 30.9 46.3





#53

t-1,3-Dichloropropene

Concen: 0.201 ug/l

RT: 8.958 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX032713.D

Acq: 10 Nov 2022 07:36

Instrument :

MSVOA_X

ClientSampleId :

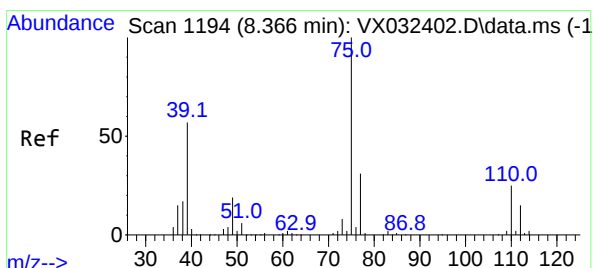
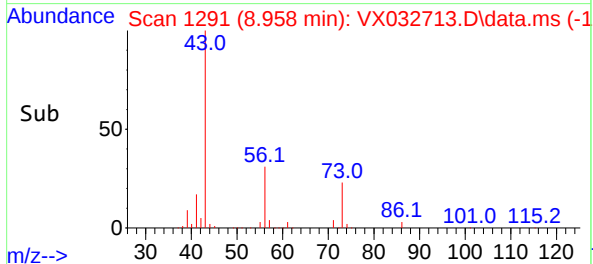
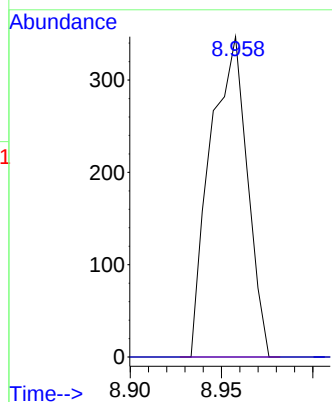
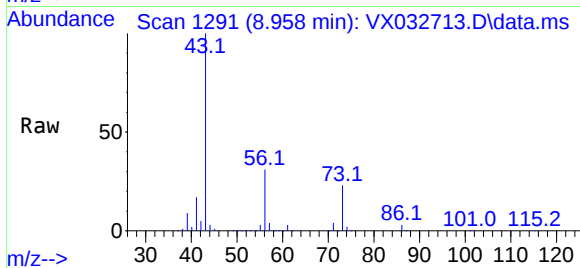
TP-11

Tgt Ion: 75 Resp: 488

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#



#54

cis-1,3-Dichloropropene

Concen: 10.845 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. 0.183 min

Lab File: VX032713.D

Acq: 10 Nov 2022 07:36

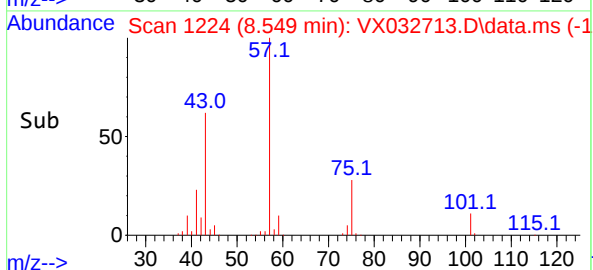
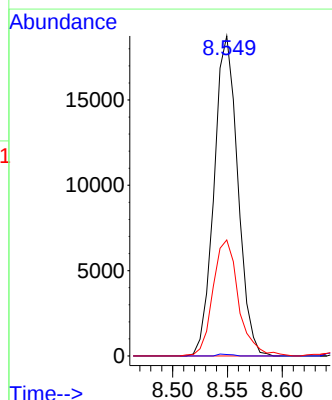
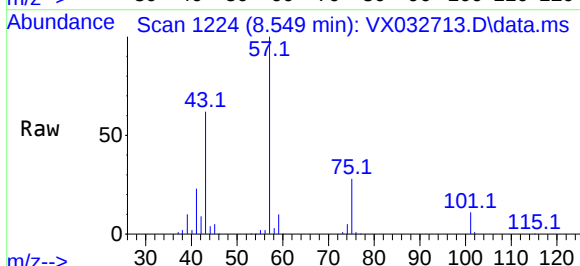
Tgt Ion: 75 Resp: 28213

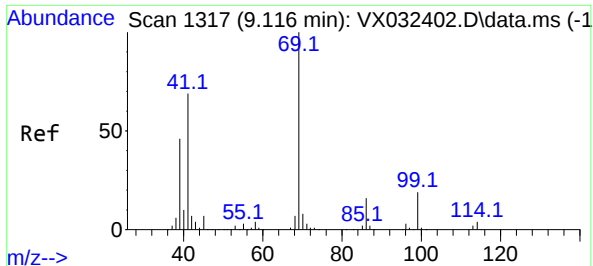
Ion Ratio Lower Upper

75 100

77 0.4 25.1 37.7#

39 36.3 45.5 68.3#





#56

Ethyl methacrylate

Concen: 0.204 ug/l

RT: 9.244 min Scan# 1

Delta R.T. 0.128 min

Lab File: VX032713.D

Acq: 10 Nov 2022 07:36

Instrument :

MSVOA_X

ClientSampleId :

TP-11

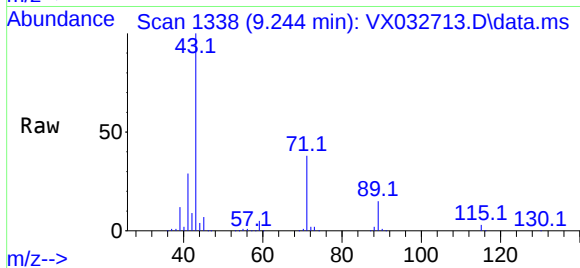
Tgt Ion: 69 Resp: 516

Ion Ratio Lower Upper

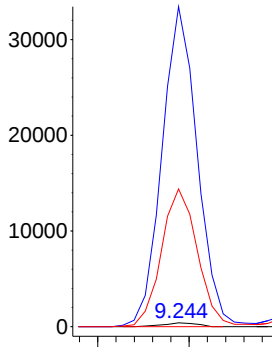
69 100

41 8729.3 54.3 81.5#

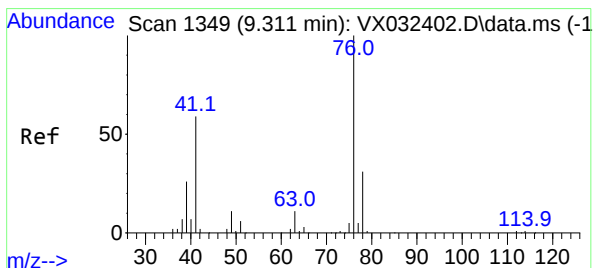
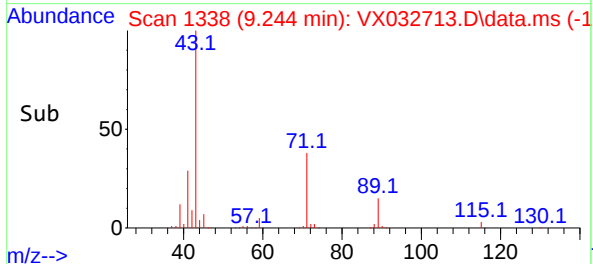
39 3843.4 35.2 52.8#



Abundance



Time-->



#57

1,3-Dichloropropane

Concen: 1.317 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX032713.D

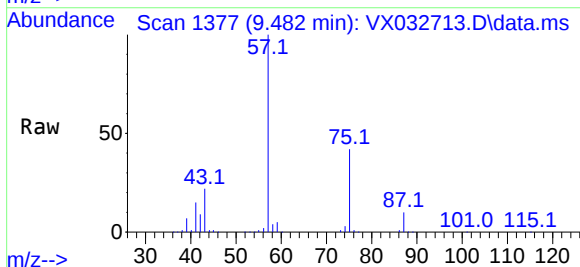
Acq: 10 Nov 2022 07:36

Tgt Ion: 76 Resp: 3734

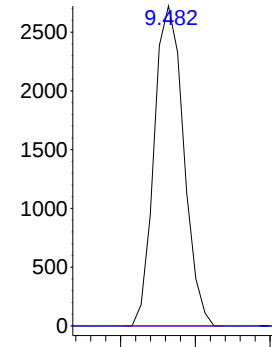
Ion Ratio Lower Upper

76 100

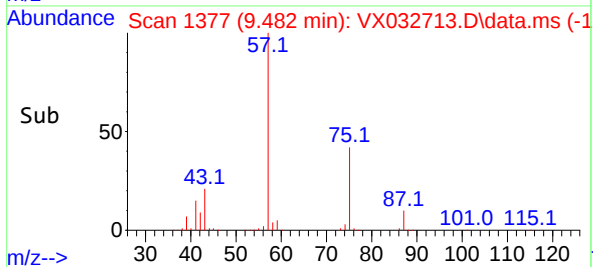
78 0.0 26.0 39.0#

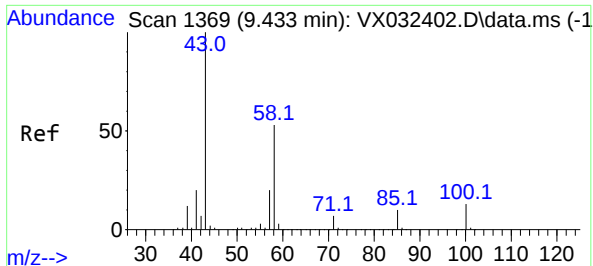


Abundance



Time-->





#59

2-Hexanone

Concen: 30.793 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX032713.D

Acq: 10 Nov 2022 07:36

Instrument :

MSVOA_X

ClientSampleId :

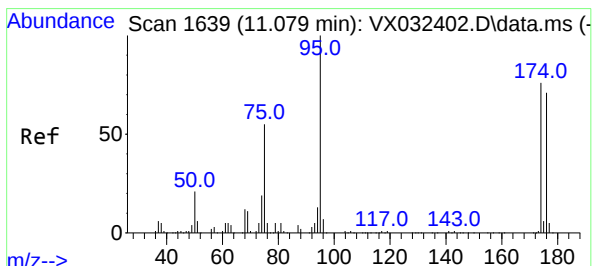
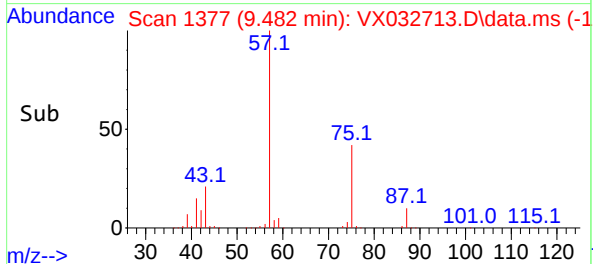
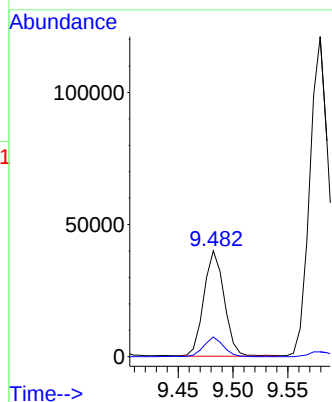
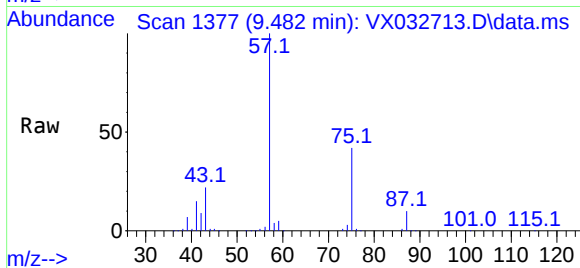
TP-11

Tgt Ion: 43 Resp: 51934

Ion Ratio Lower Upper

43 100

58 18.0 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 50.795 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX032713.D

Acq: 10 Nov 2022 07:36

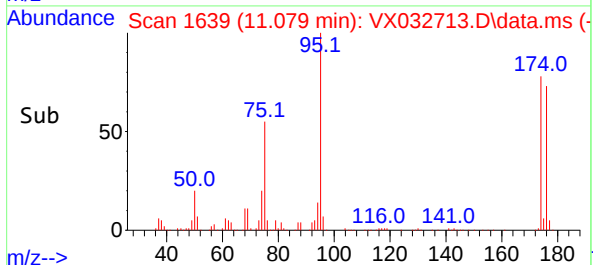
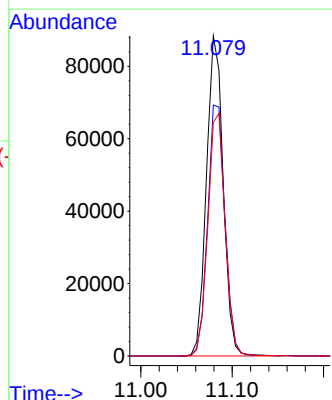
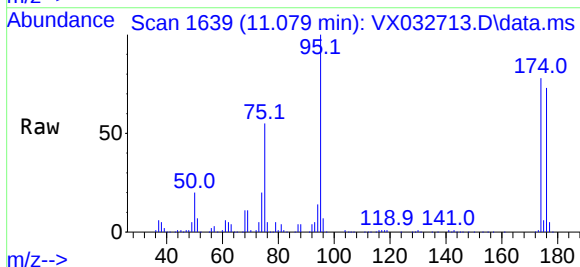
Tgt Ion: 95 Resp: 111865

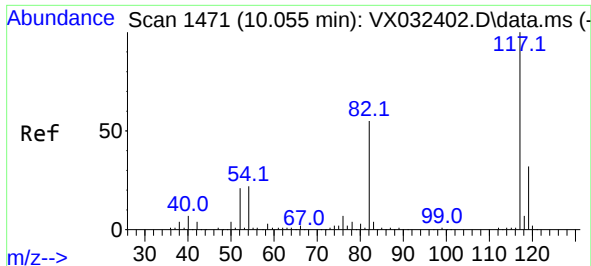
Ion Ratio Lower Upper

95 100

174 81.8 0.0 164.0

176 78.3 0.0 154.4

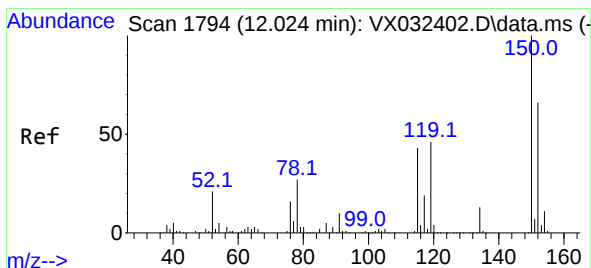
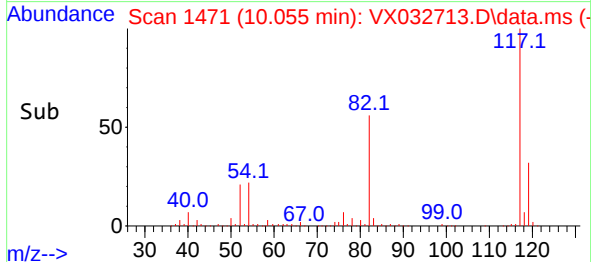
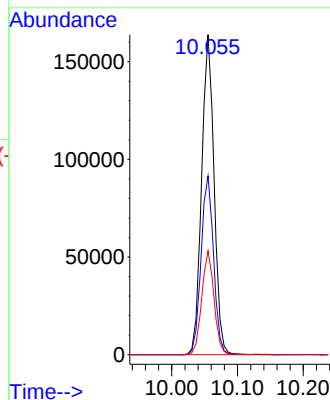
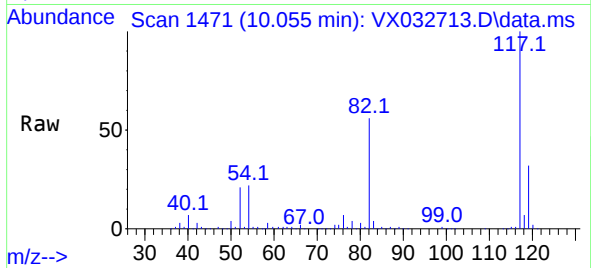




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

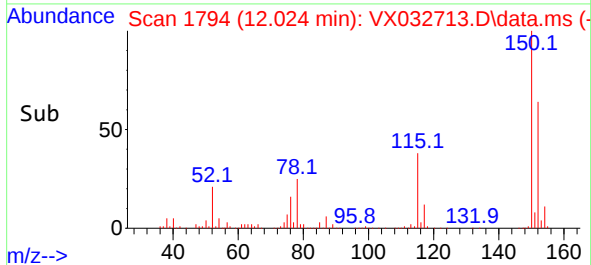
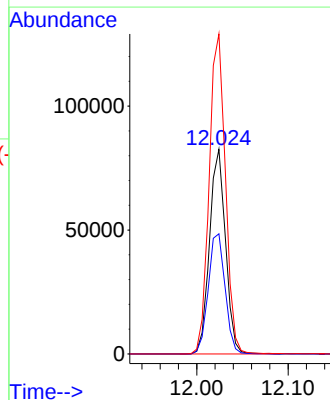
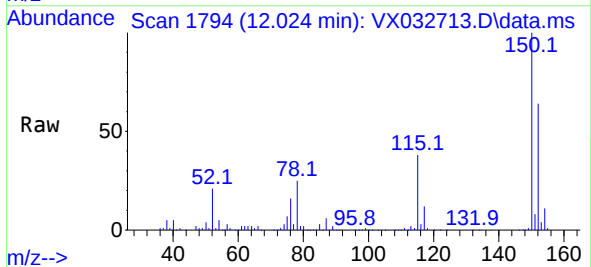
Instrument :
MSVOA_X
ClientSampleId :
TP-11

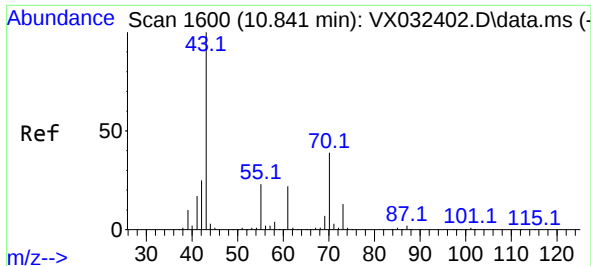
Tgt Ion:117 Resp: 215209
Ion Ratio Lower Upper
117 100
82 55.8 44.3 66.5
119 32.5 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion:152 Resp: 100282
Ion Ratio Lower Upper
152 100
115 61.7 44.0 132.0
150 159.1 0.0 351.8



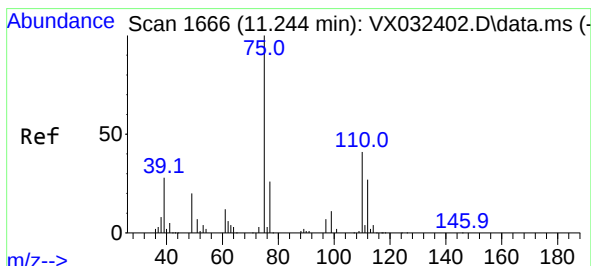
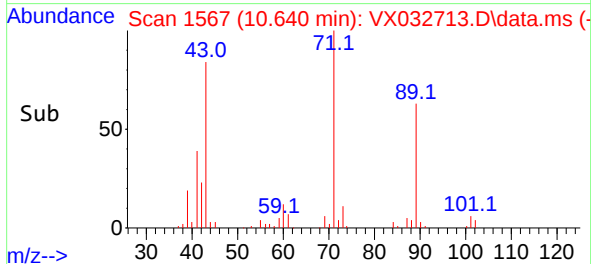
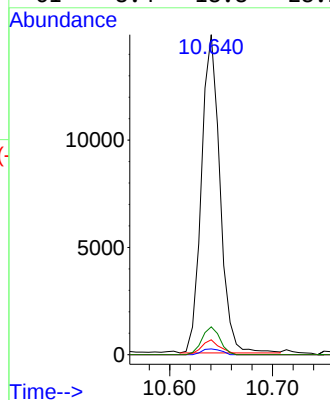
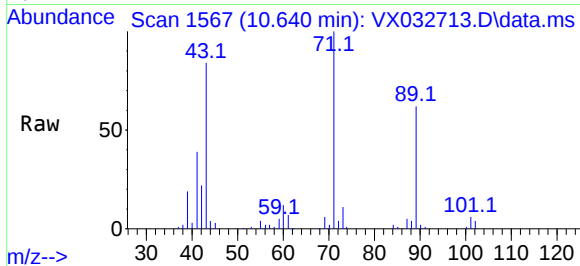


#74
N-amy1 acetate
Concen: 6.194 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.201 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Instrument :
MSVOA_X
ClientSampleId :
TP-11

Tgt Ion: 43 Resp: 18597

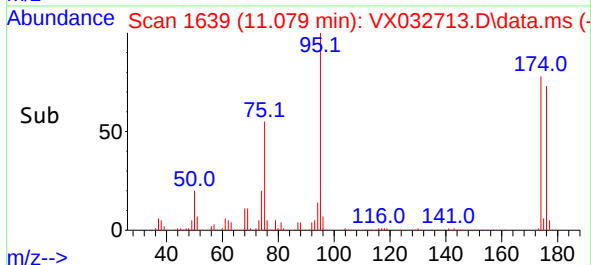
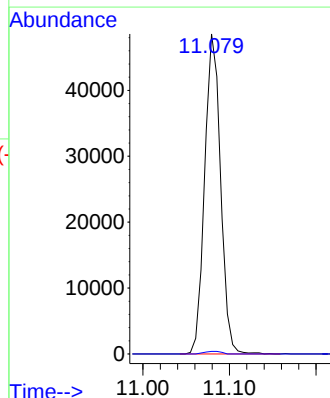
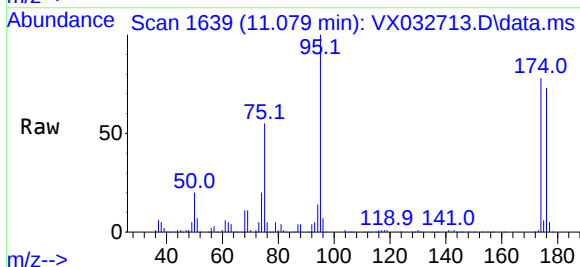
Ion	Ratio	Lower	Upper
43	100		
70	1.9	33.6	50.4#
55	4.6	19.4	29.2#
61	8.4	18.8	28.2#

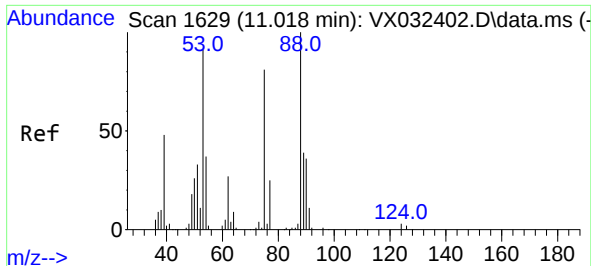


#76
1,2,3-Trichloropropane
Concen: 27.748 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX032713.D
Acq: 10 Nov 2022 07:36

Tgt Ion: 75 Resp: 61906

Ion	Ratio	Lower	Upper
75	100		
77	0.9	20.0	60.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.294 ug/l
 RT: 11.079 min Scan# 1
 Delta R.T. 0.061 min
 Lab File: VX032713.D
 Acq: 10 Nov 2022 07:36

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-11

Tgt Ion: 75 Resp: 61906
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.9 130.3#
 89 0.0 38.3 57.5#

