

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033493.D
 Acq On : 19 Dec 2022 18:59
 Operator : JC/MD
 Sample : N6098-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 05:02:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 07 12:43:54 2022
 Response via : Initial Calibration

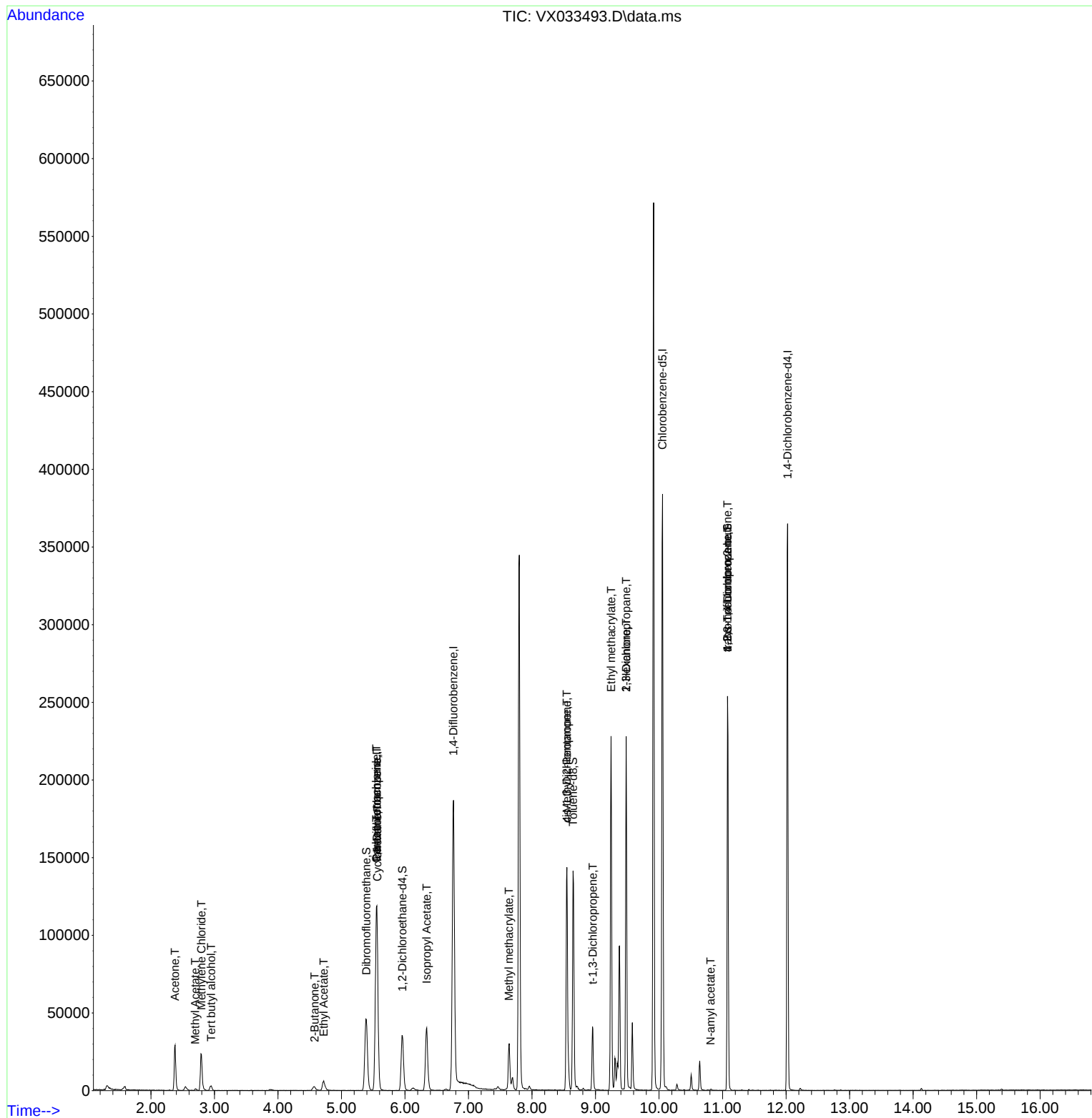
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	116078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	190618	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	174112	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77006	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36647	49.212	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	98.420%
35) Dibromofluoromethane	5.391	113	41395	48.282	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.560%
50) Toluene-d8	8.647	98	86558	48.261	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.520%
62) 4-Bromofluorobenzene	11.079	95	65881	48.040	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.080%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.947	59	1959	8.604	ug/l #	72
16) Acetone	2.380	43	31545	57.246	ug/l	99
18) Methyl Acetate	2.697	43	1384	0.868	ug/l	99
20) Methylene Chloride	2.794	84	12062	9.815	ug/l	89
25) 2-Butanone	4.574	43	3762	4.756	ug/l	96
31) Cyclohexane	5.562	56	2184	1.234	ug/l #	39
36) 1,1-Dichloropropene	5.556	75	8565	5.124	ug/l #	49
37) Ethyl Acetate	4.721	43	11267	7.131	ug/l	98
38) Carbon Tetrachloride	5.550	117	11753	6.275	ug/l #	16
43) Isopropyl Acetate	6.342	43	54016	21.246	ug/l	99
48) Methyl methacrylate	7.635	41	1227	0.935	ug/l #	30
51) 4-Methyl-2-Pentanone	8.549	43	53835	33.484	ug/l #	46
53) t-1,3-Dichloropropene	8.958	75	19	2.515	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	23097	11.727	ug/l #	61
56) Ethyl methacrylate	9.244	69	511	0.274	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	2015	0.947	ug/l #	42
59) 2-Hexanone	9.482	43	25376	21.418	ug/l #	53
74) N-amyl acetate	10.811	43	402	0.211	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	33859	21.612	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	33859	67.227	ug/l #	6

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

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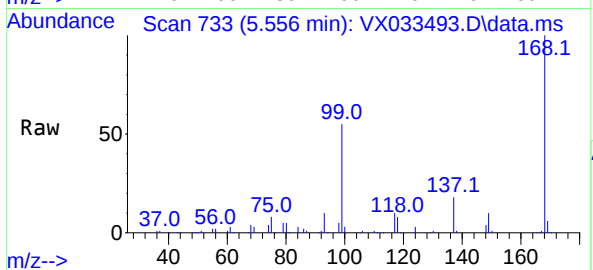
Quant Time: Dec 20 05:02:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
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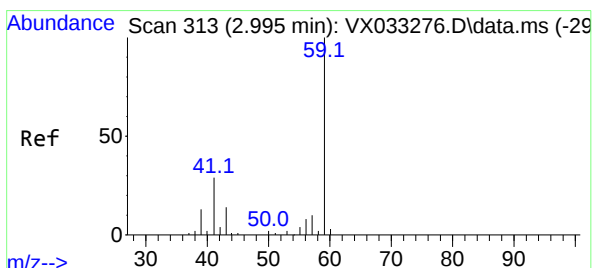
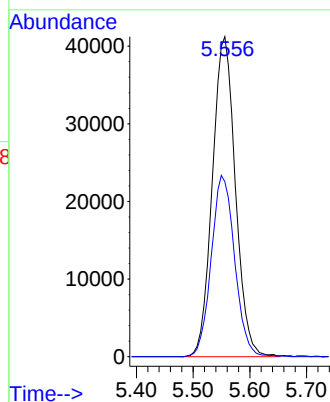
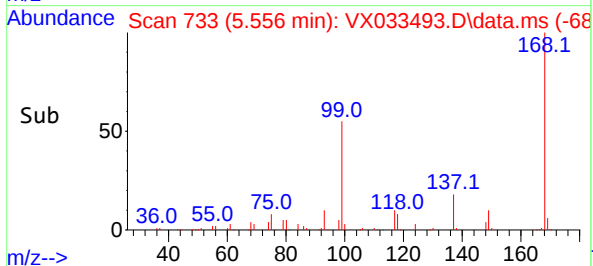


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :

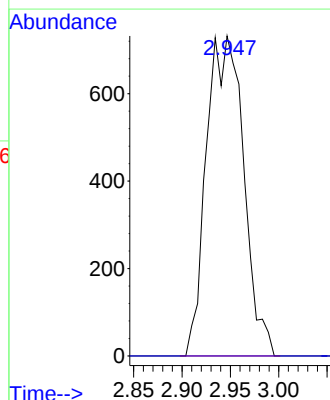
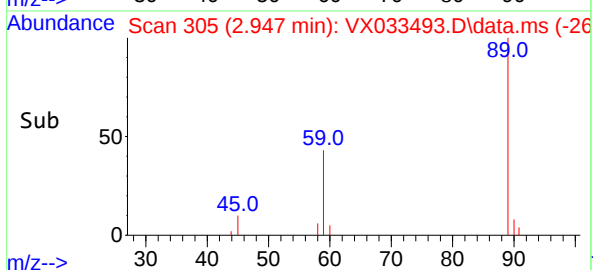
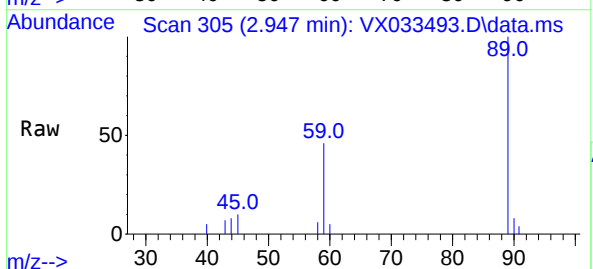


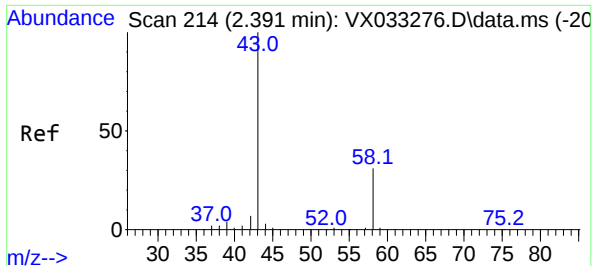
Tgt Ion:168 Resp: 116078
Ion Ratio Lower Upper
168 100
99 54.7 46.1 69.1



#11
Tert butyl alcohol
Concen: 8.604 ug/l
RT: 2.947 min Scan# 305
Delta R.T. -0.048 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Tgt Ion: 59 Resp: 1959
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

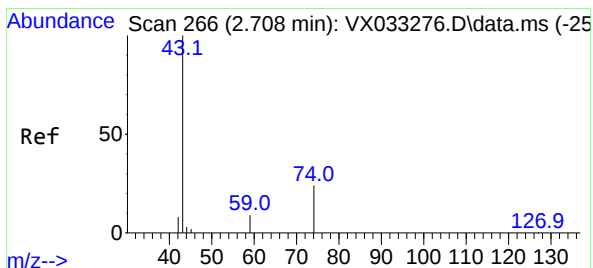
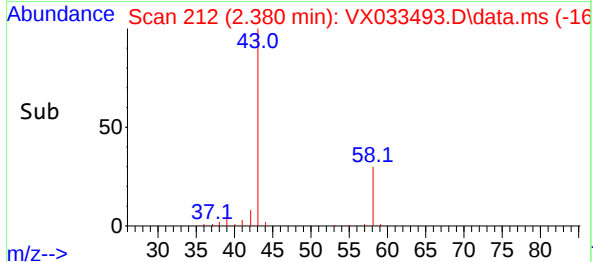
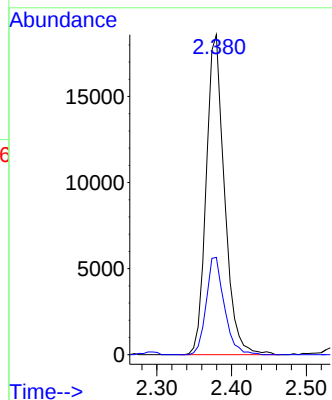
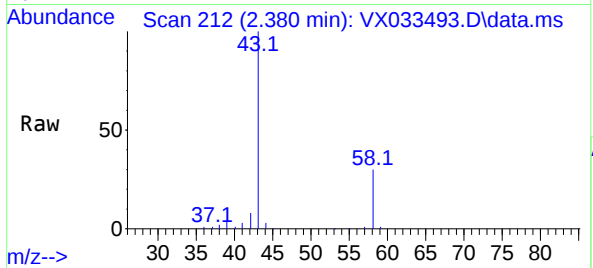




#16
Acetone
Concen: 57.246 ug/l
RT: 2.380 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

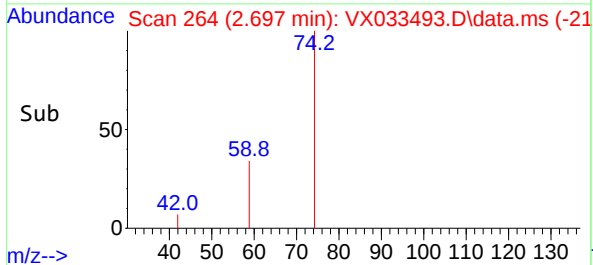
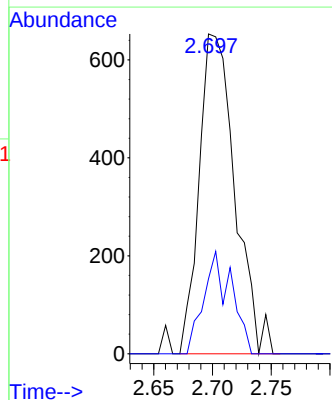
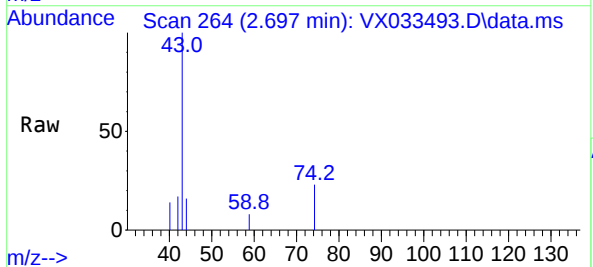
Instrument :
MSVOA_X
ClientSampleId :

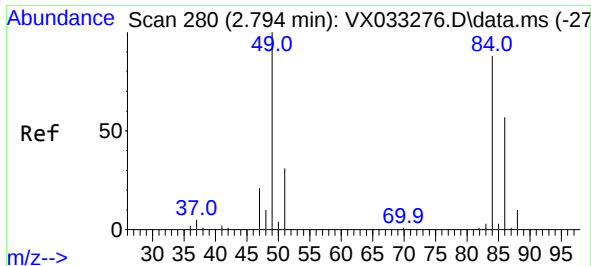
Tgt Ion: 43 Resp: 31545
Ion Ratio Lower Upper
43 100
58 30.4 23.8 35.8



#18
Methyl Acetate
Concen: 0.868 ug/l
RT: 2.697 min Scan# 264
Delta R.T. -0.012 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

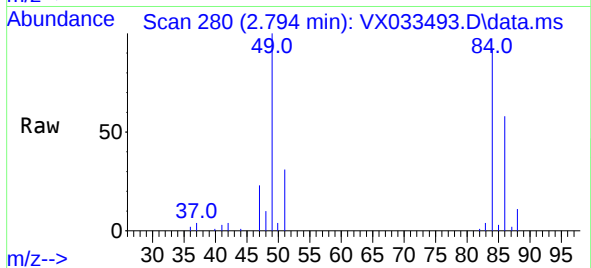
Tgt Ion: 43 Resp: 1384
Ion Ratio Lower Upper
43 100
74 24.8 19.4 29.0





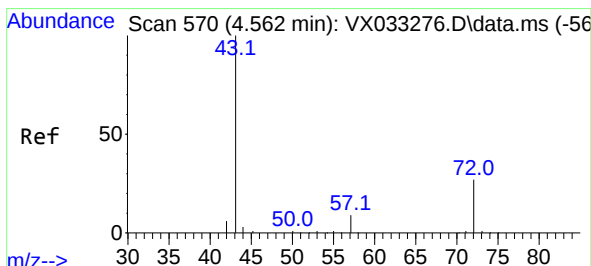
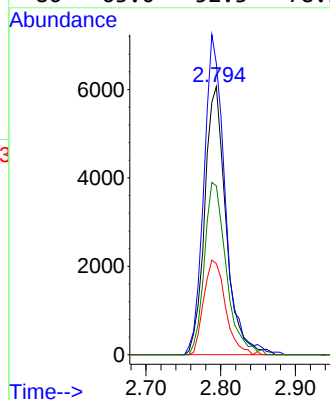
#20
Methylene Chloride
Concen: 9.815 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 12062

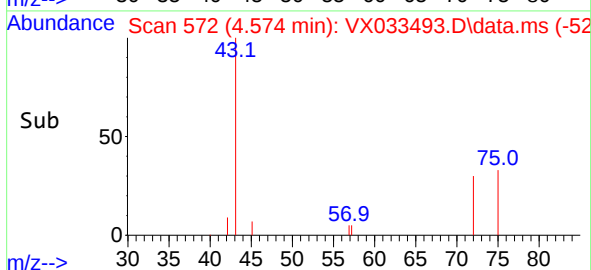
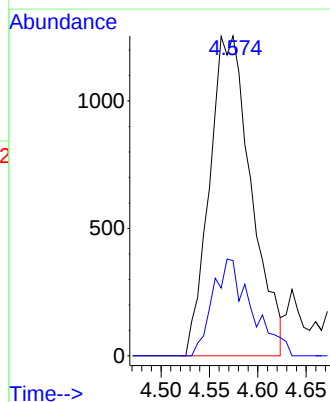
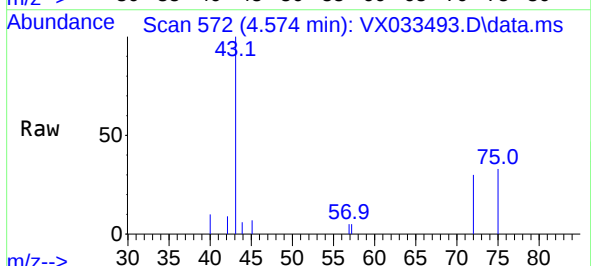
Ion	Ratio	Lower	Upper
84	100		
49	108.6	101.0	151.6
51	34.0	31.1	46.7
86	63.0	52.3	78.5

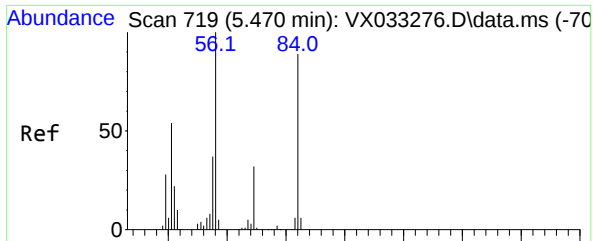


#25
2-Butanone
Concen: 4.756 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.013 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Tgt Ion: 43 Resp: 3762

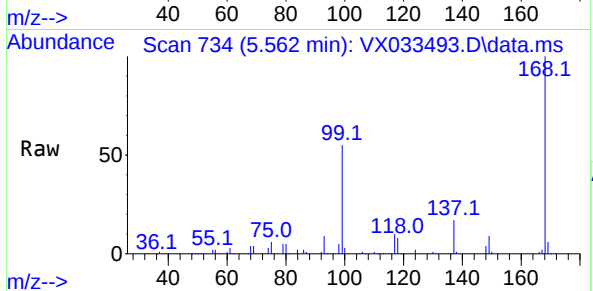
Ion	Ratio	Lower	Upper
43	100		
72	29.8	22.2	33.2



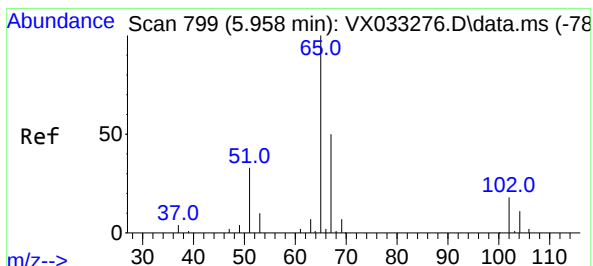
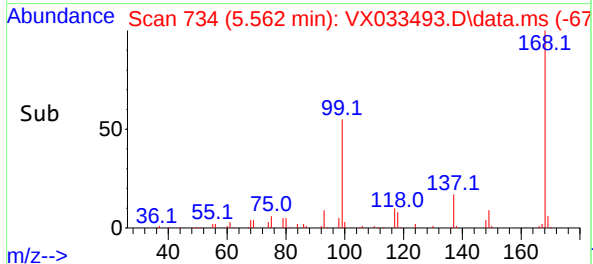
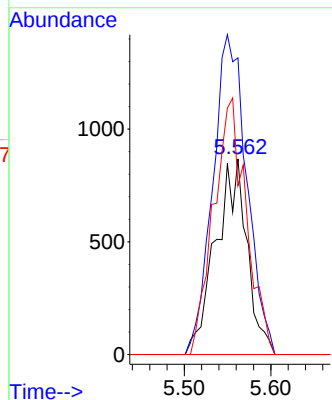


#31
Cyclohexane
Concen: 1.234 ug/l
RT: 5.562 min Scan# 719
Delta R.T. 0.092 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :

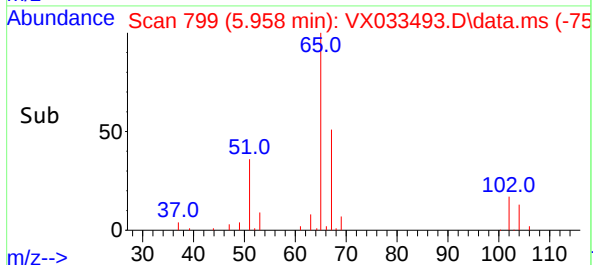
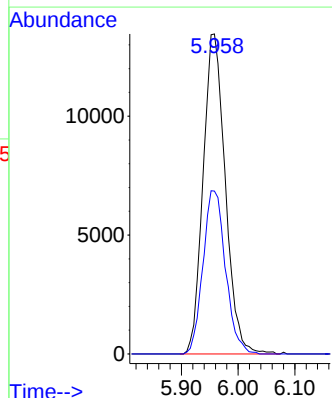
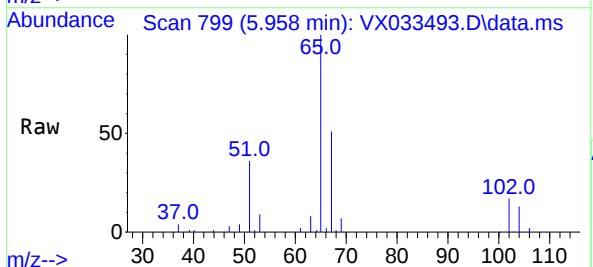


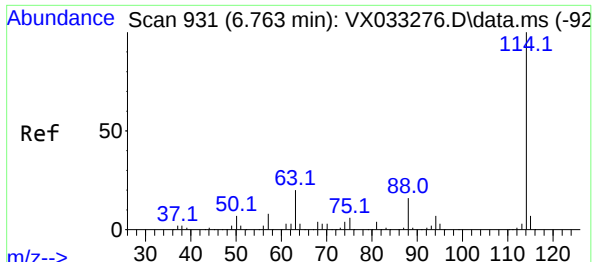
Tgt Ion: 56 Resp: 2184
Ion Ratio Lower Upper
56 100
69 151.6 24.1 36.1#
84 86.3 66.9 100.3



#33
1,2-Dichloroethane-d4
Concen: 49.212 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Tgt Ion: 65 Resp: 36647
Ion Ratio Lower Upper
65 100
67 51.8 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 91

Delta R.T. 0.000 min

Lab File: VX033493.D

Acq: 19 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

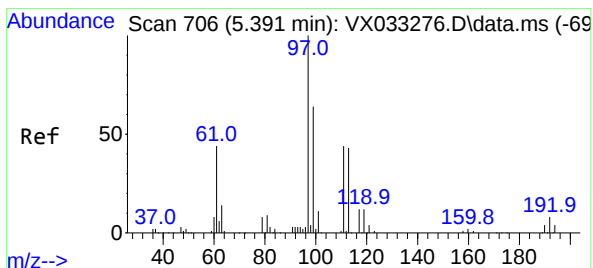
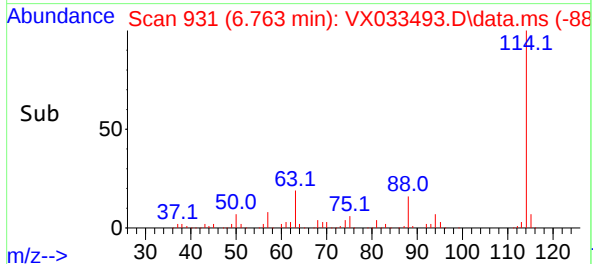
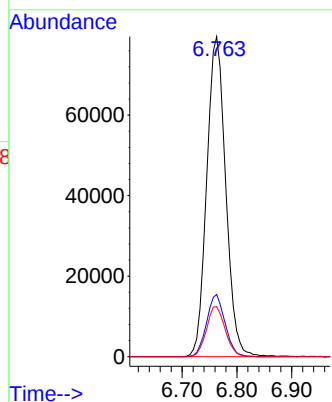
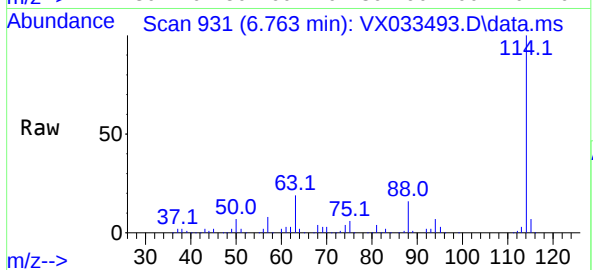
Tgt Ion:114 Resp: 190618

Ion Ratio Lower Upper

114 100

63 19.4 0.0 41.6

88 15.7 0.0 33.4



#35

Dibromofluoromethane

Concen: 48.282 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX033493.D

Acq: 19 Dec 2022 18:59

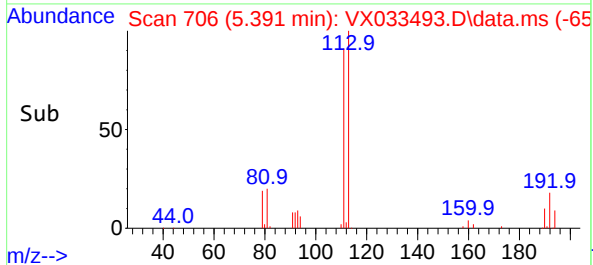
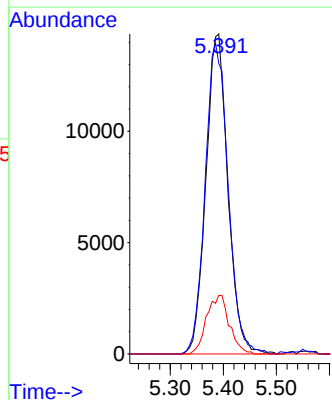
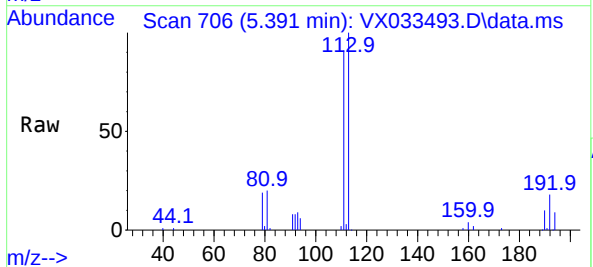
Tgt Ion:113 Resp: 41395

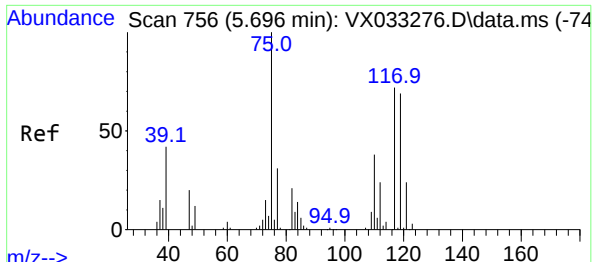
Ion Ratio Lower Upper

113 100

111 101.9 82.4 123.6

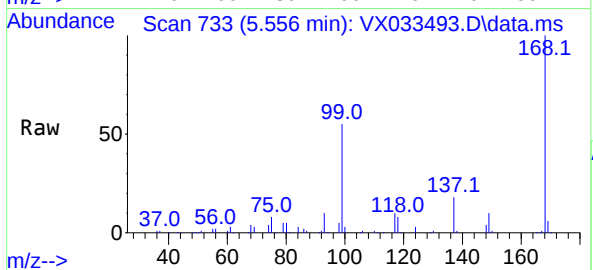
192 19.0 15.4 23.2



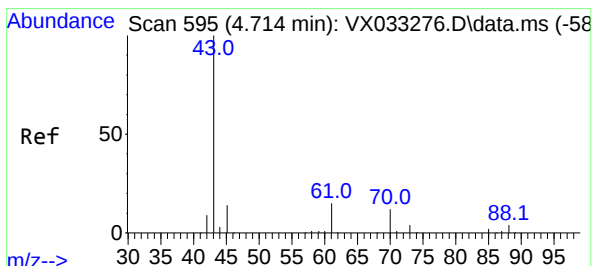
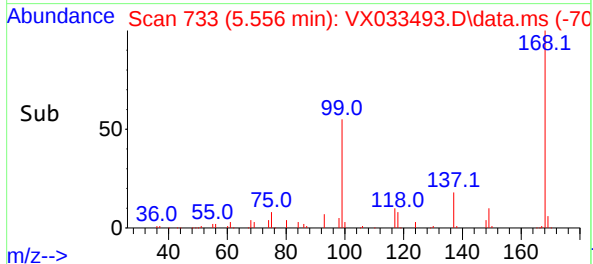
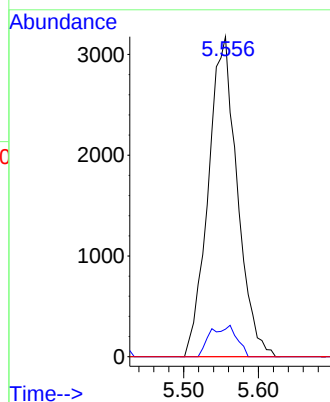


#36
1,1-Dichloropropene
Concen: 5.124 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Instrument :
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ClientSampleId :

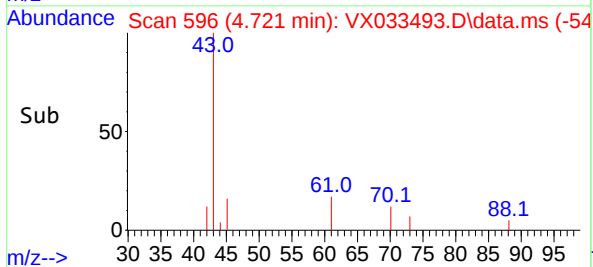
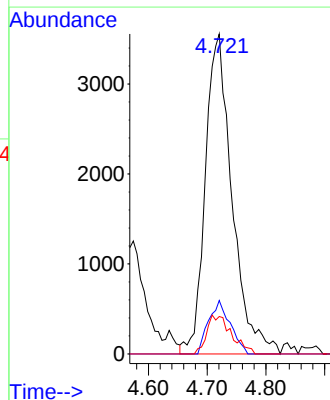
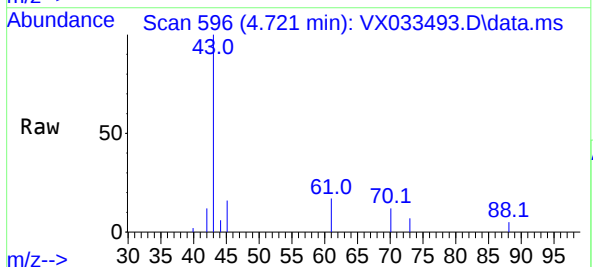


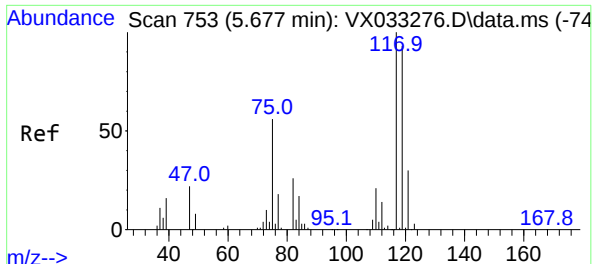
Tgt Ion: 75 Resp: 8565
Ion Ratio Lower Upper
75 100
110 9.0 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 7.131 ug/l
RT: 4.721 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

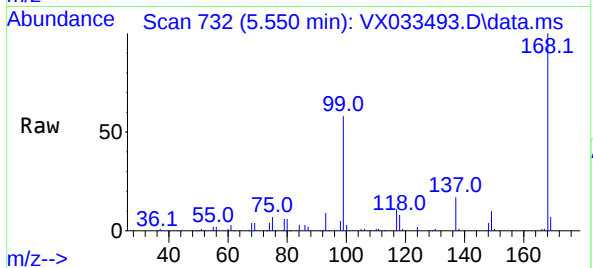
Tgt Ion: 43 Resp: 11267
Ion Ratio Lower Upper
43 100
61 13.5 11.5 17.3
70 11.1 9.1 13.7



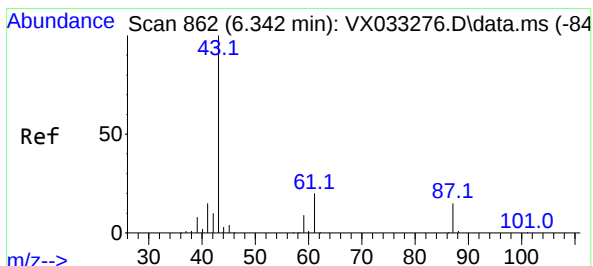
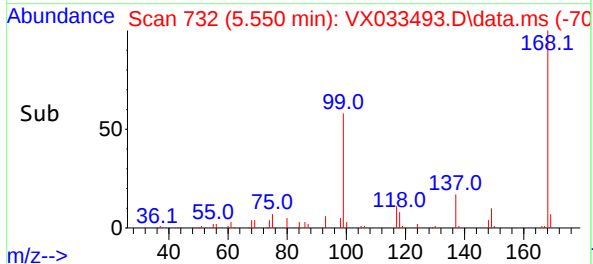
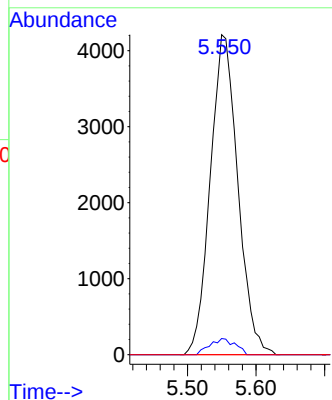


#38
Carbon Tetrachloride
Concen: 6.275 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :

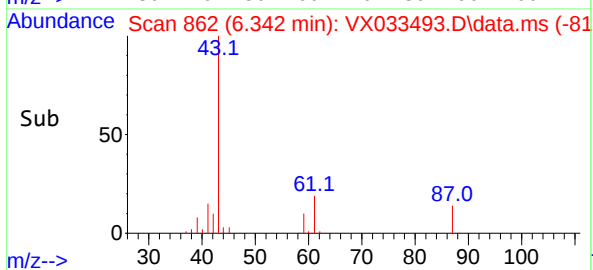
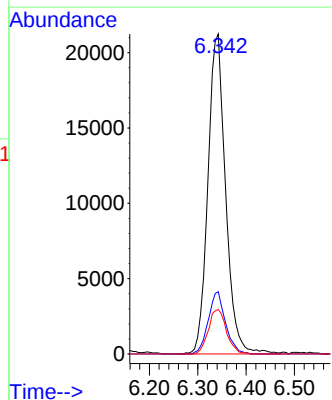
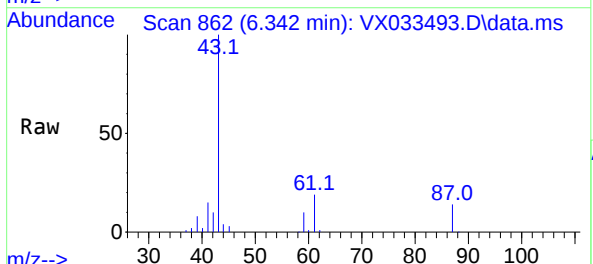


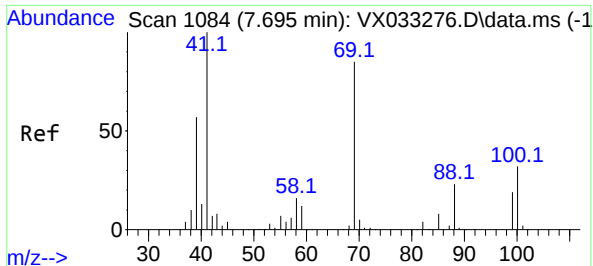
Tgt Ion:117 Resp: 11753
Ion Ratio Lower Upper
117 100
119 5.1 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 21.246 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

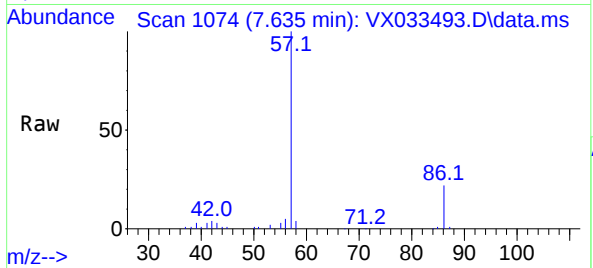
Tgt Ion: 43 Resp: 54016
Ion Ratio Lower Upper
43 100
61 18.9 15.4 23.0
87 14.1 10.8 16.2



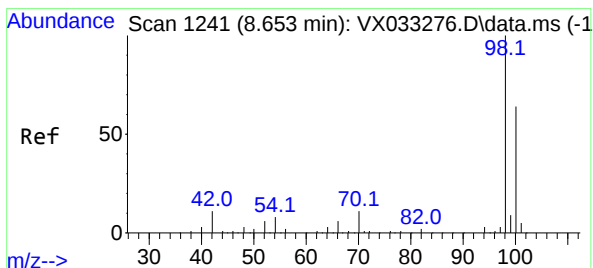
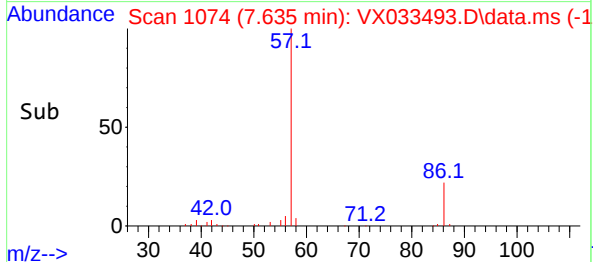
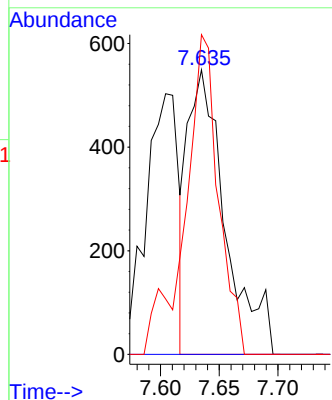


#48
Methyl methacrylate
Concen: 0.935 ug/l
RT: 7.635 min Scan# 1084
Delta R.T. -0.061 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :

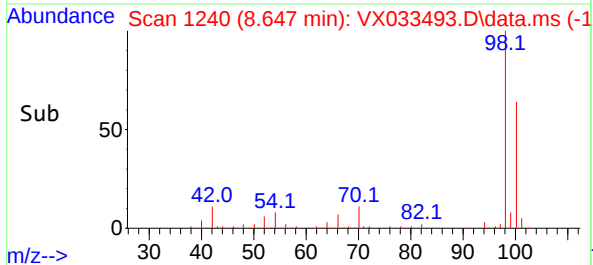
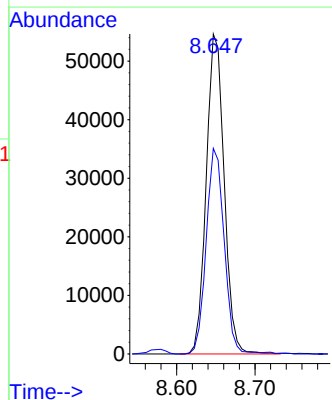
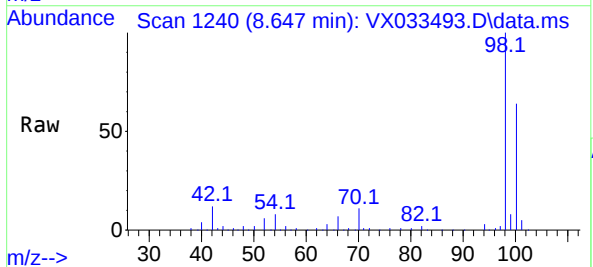


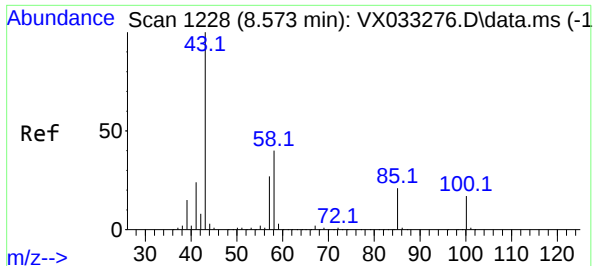
Tgt Ion: 41 Resp: 1227
Ion Ratio Lower Upper
41 100
69 0.0 65.1 97.7#
39 99.3 51.9 77.9#



#50
Toluene-d8
Concen: 48.261 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Tgt Ion: 98 Resp: 86558
Ion Ratio Lower Upper
98 100
100 64.9 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 33.484 ug/l

RT: 8.549 min Scan# 11

Delta R.T. -0.024 min

Lab File: VX033493.D

Acq: 19 Dec 2022 18:59

Instrument :

MSVOA_X

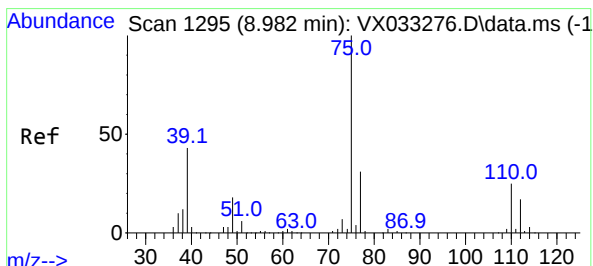
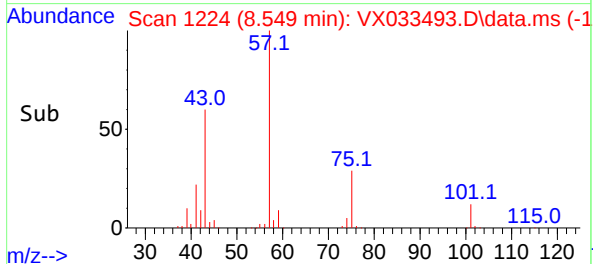
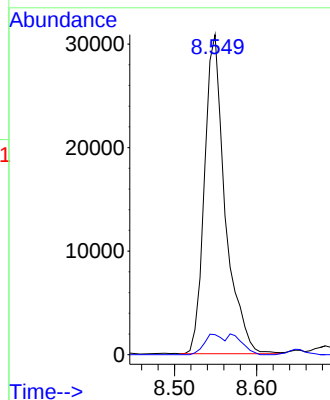
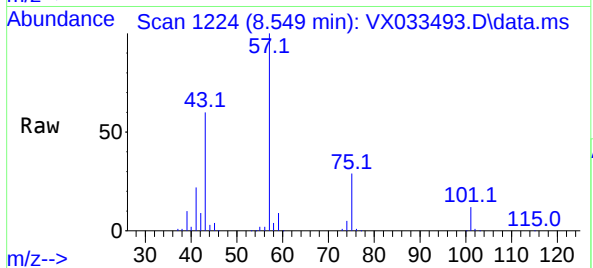
ClientSampleId :

Tgt Ion: 43 Resp: 53835

Ion Ratio Lower Upper

43 100

58 6.0 30.9 46.3#



#53

t-1,3-Dichloropropene

Concen: 2.515 ug/l

RT: 8.958 min Scan# 1291

Delta R.T. -0.024 min

Lab File: VX033493.D

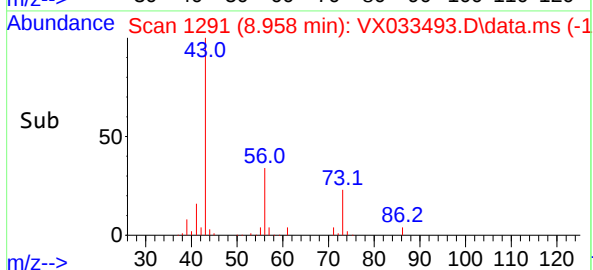
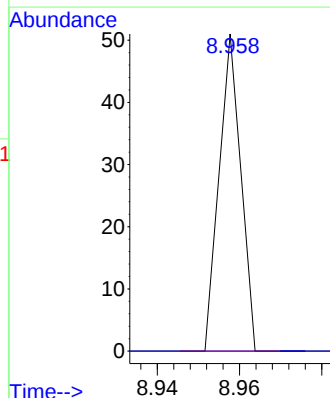
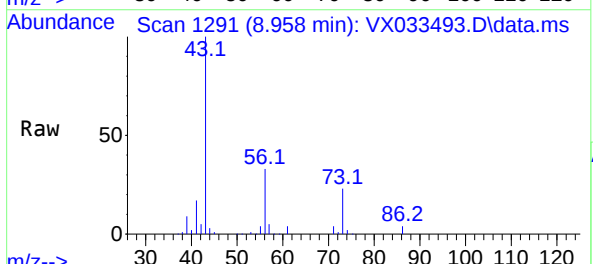
Acq: 19 Dec 2022 18:59

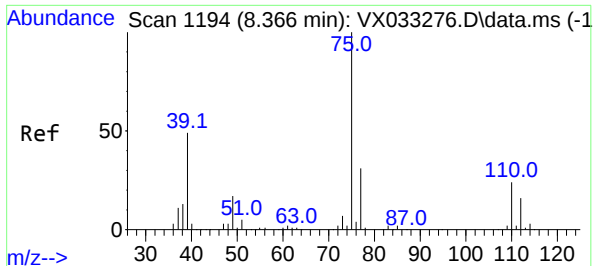
Tgt Ion: 75 Resp: 19

Ion Ratio Lower Upper

75 100

77 0.0 25.1 37.7#





#54

cis-1,3-Dichloropropene

Concen: 11.727 ug/l

RT: 8.549 min Scan# 11

Delta R.T. 0.183 min

Lab File: VX033493.D

Acq: 19 Dec 2022 18:59

Instrument :

MSVOA_X

ClientSampleId :

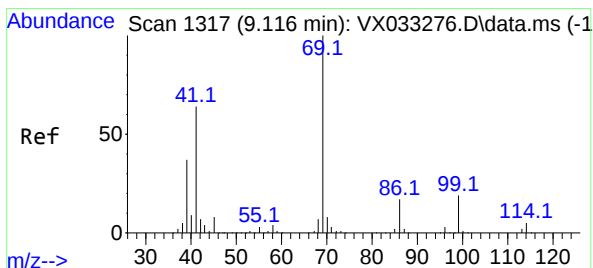
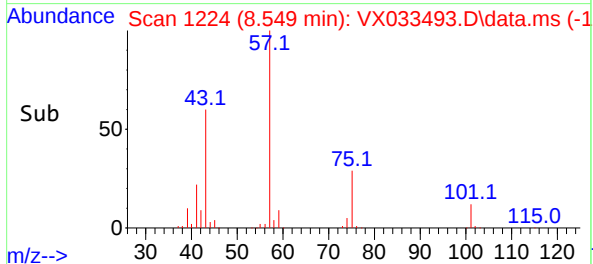
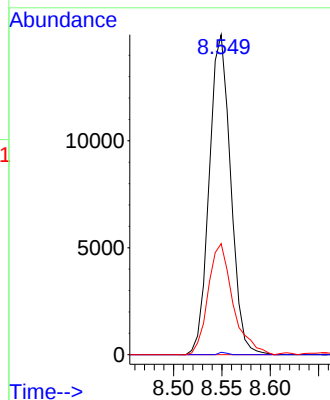
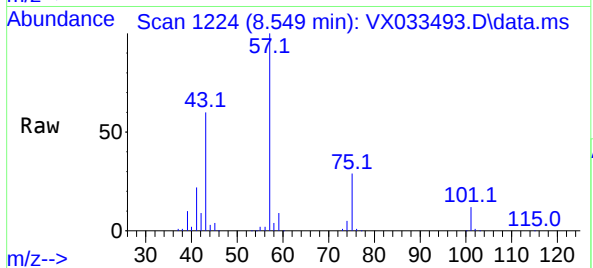
Tgt Ion: 75 Resp: 23097

Ion Ratio Lower Upper

75 100

77 0.7 25.1 37.7#

39 34.7 45.5 68.3#



#56

Ethyl methacrylate

Concen: 0.274 ug/l

RT: 9.244 min Scan# 1338

Delta R.T. 0.128 min

Lab File: VX033493.D

Acq: 19 Dec 2022 18:59

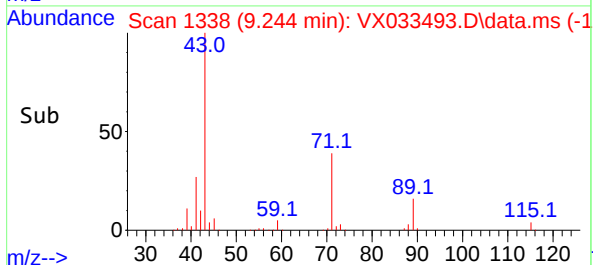
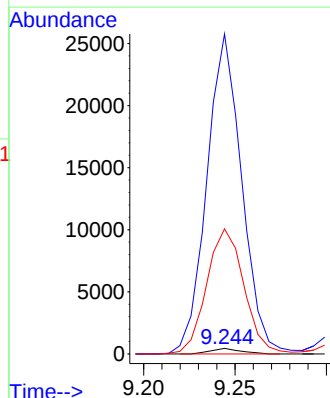
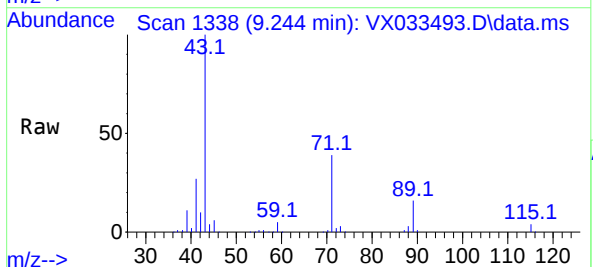
Tgt Ion: 69 Resp: 511

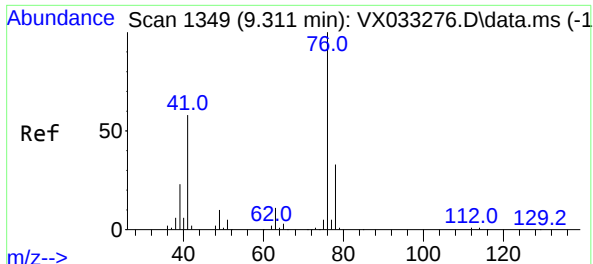
Ion Ratio Lower Upper

69 100

41 6749.1 54.3 81.5#

39 2804.7 35.2 52.8#

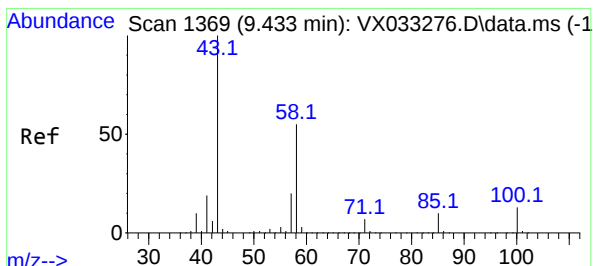
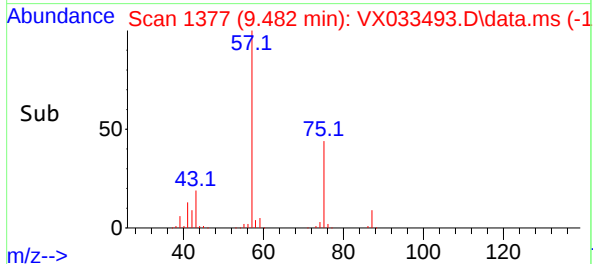
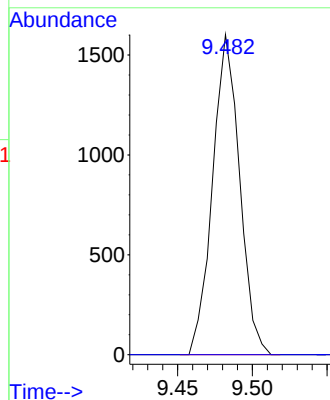
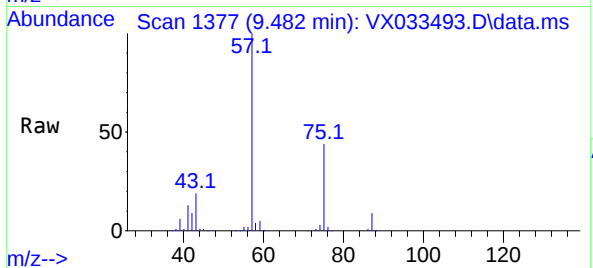




#57
1,3-Dichloropropane
Concen: 0.947 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

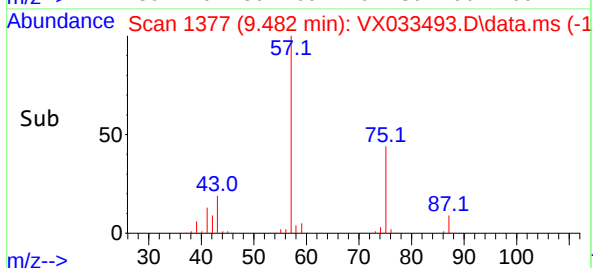
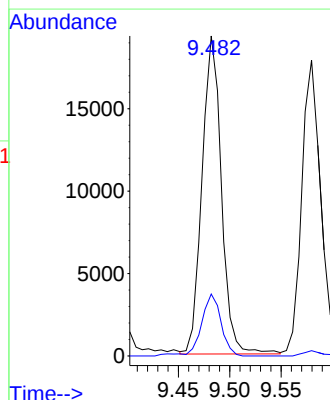
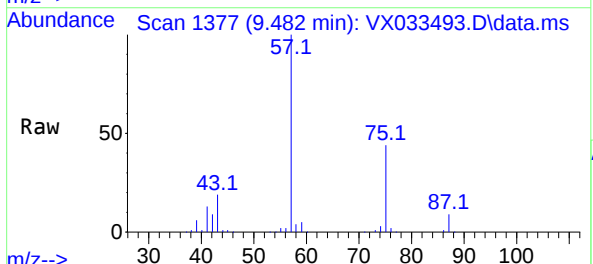
Instrument :
MSVOA_X
ClientSampleId :

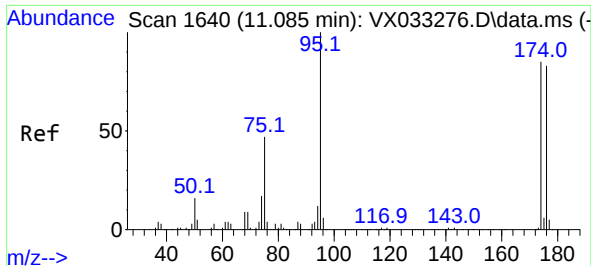
Tgt Ion: 76 Resp: 2015
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#



#59
2-Hexanone
Concen: 21.418 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.049 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Tgt Ion: 43 Resp: 25376
Ion Ratio Lower Upper
43 100
58 19.4 26.5 79.5#

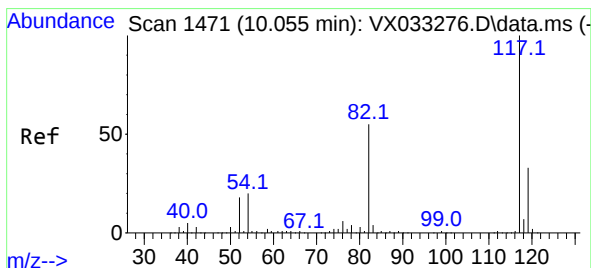
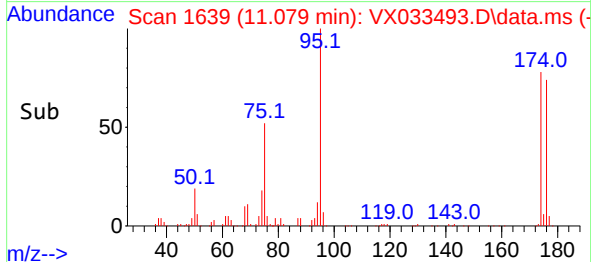
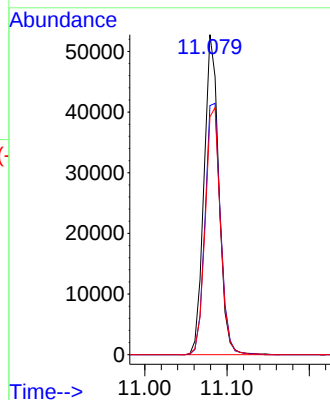
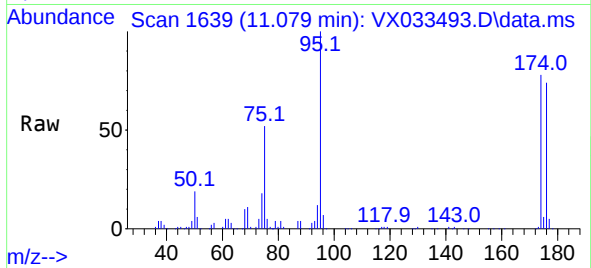




#62
4-Bromofluorobenzene
Concen: 48.040 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

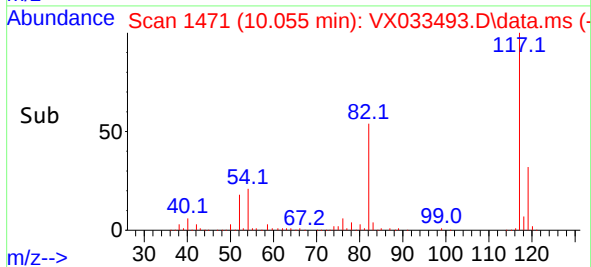
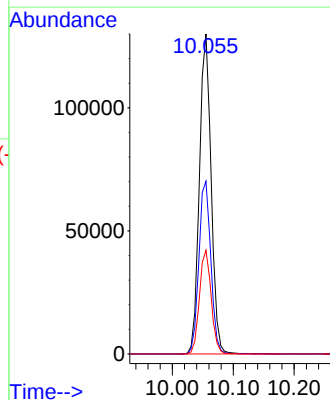
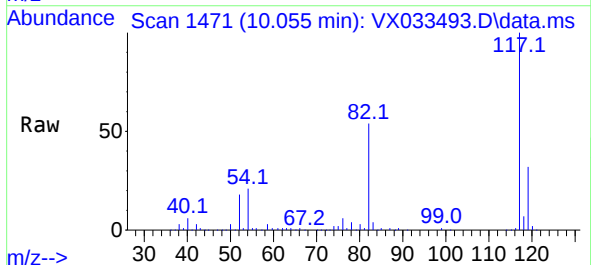
Instrument :
MSVOA_X
ClientSampleId :

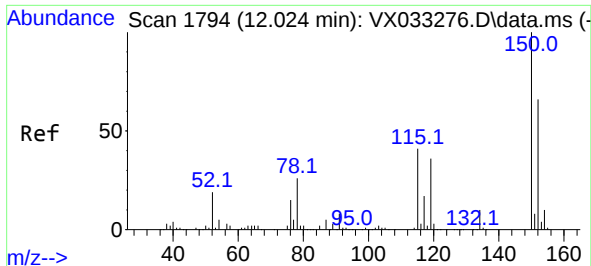
Tgt Ion: 95 Resp: 65881
Ion Ratio Lower Upper
95 100
174 82.2 0.0 164.0
176 79.4 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

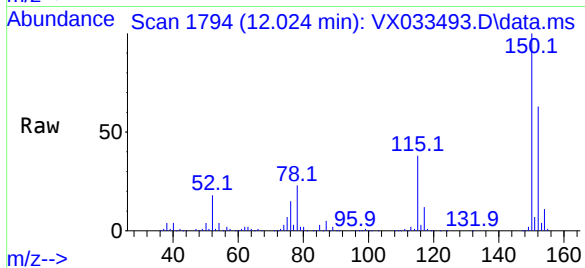
Tgt Ion: 117 Resp: 174112
Ion Ratio Lower Upper
117 100
82 53.9 44.3 66.5
119 32.4 25.7 38.5



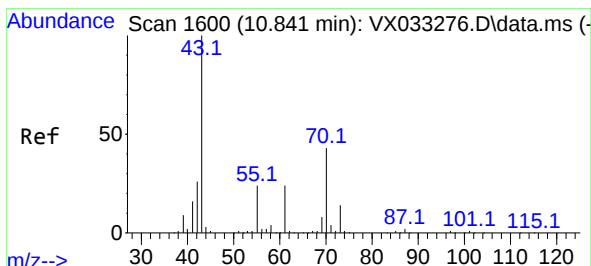
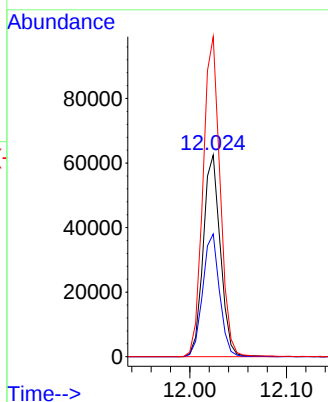
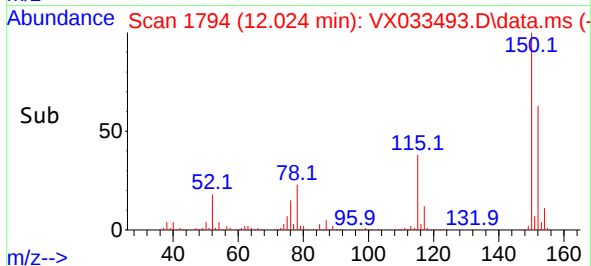


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

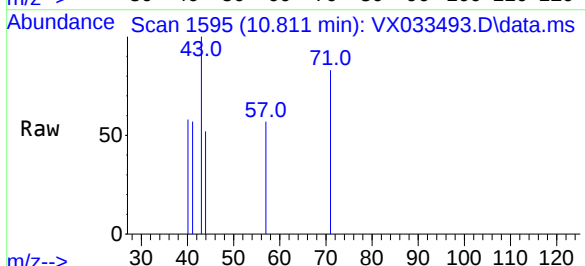
Instrument :
MSVOA_X
ClientSampleId :



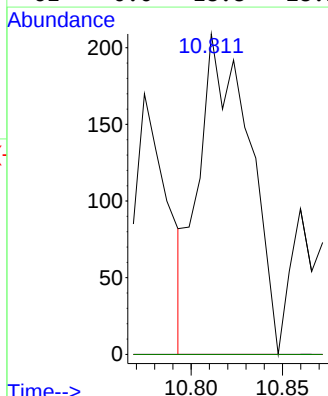
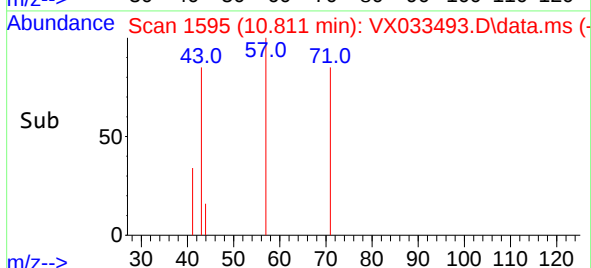
Tgt Ion:152 Resp: 77006
Ion Ratio Lower Upper
152 100
115 60.1 44.0 132.0
150 158.5 0.0 351.8

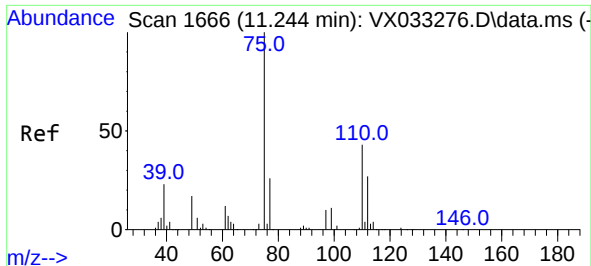


#74
N-ethyl acetate
Concen: 0.211 ug/l
RT: 10.811 min Scan# 1595
Delta R.T. -0.030 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59



Tgt Ion: 43 Resp: 402
Ion Ratio Lower Upper
43 100
70 0.0 33.6 50.4#
55 0.0 19.4 29.2#
61 0.0 18.8 28.2#

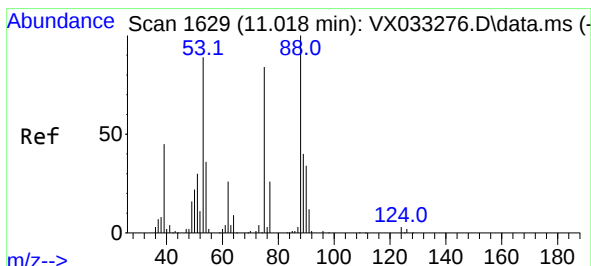
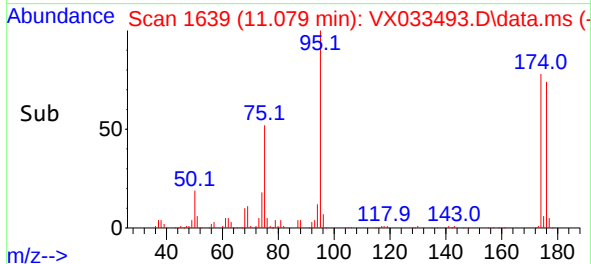
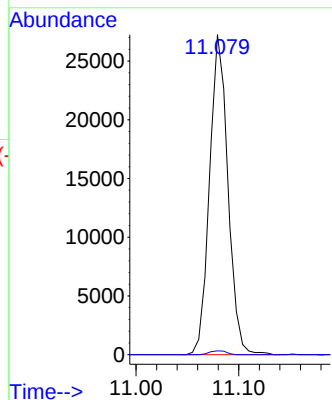
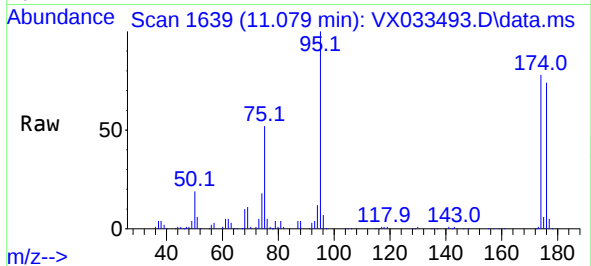




#76
1,2,3-Trichloropropane
Concen: 21.612 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 33859
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.227 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033493.D
Acq: 19 Dec 2022 18:59

Tgt Ion: 75 Resp: 33859
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

