

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033486.D
 Acq On : 19 Dec 2022 15:54
 Operator : JC/MD
 Sample : PB149722ZHE#15
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 05:01:31 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)

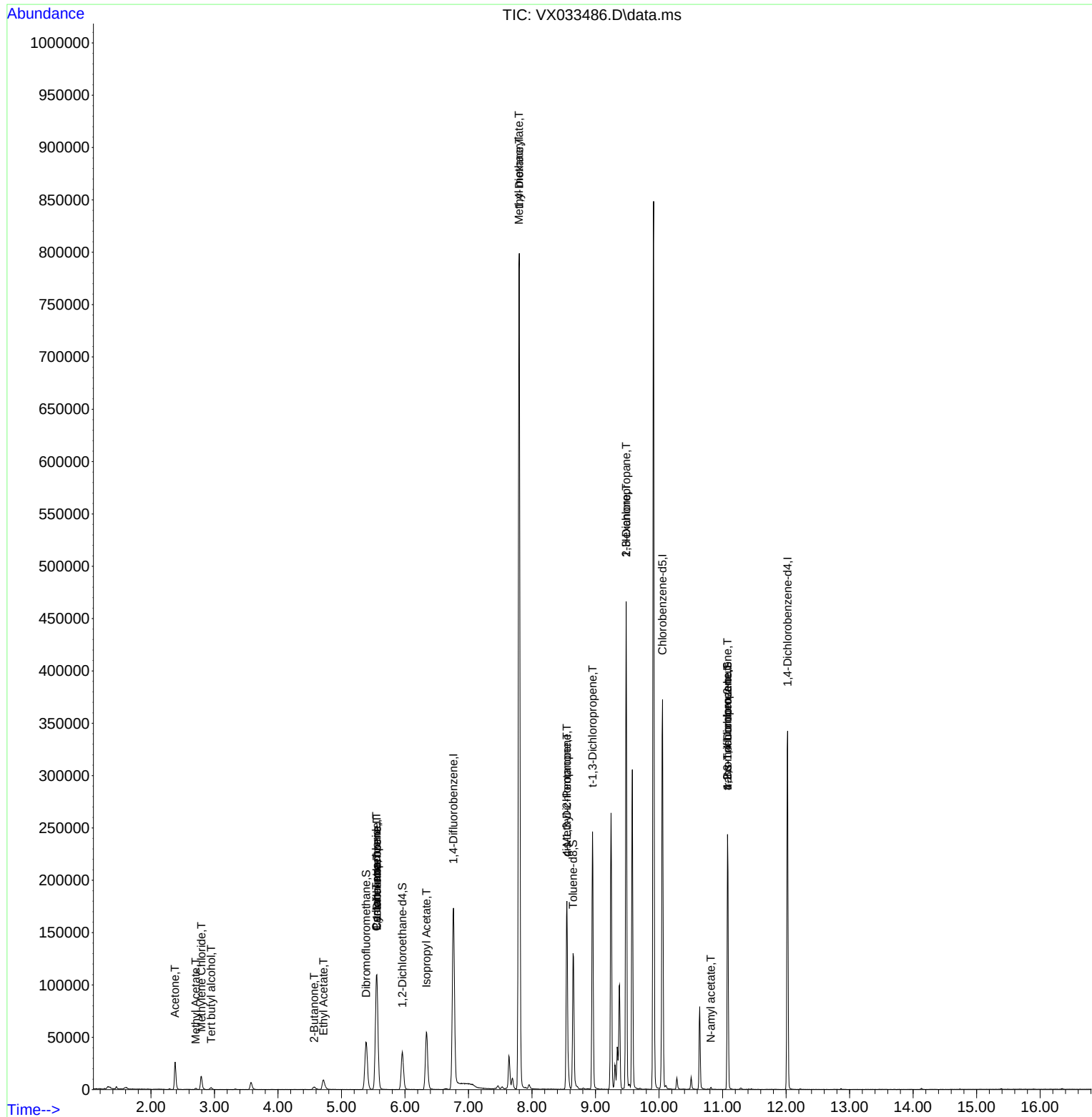
Internal Standards						
1) Pentafluorobenzene	5.556	168	107323	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	177600	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	168185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	73313	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36385	52.846	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 105.700%			
35) Dibromofluoromethane	5.385	113	39889	49.936	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.880%			
50) Toluene-d8	8.647	98	81610	48.837	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.680%			
62) 4-Bromofluorobenzene	11.079	95	63044	49.341	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 98.680%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	2.946	59	1441	6.846	ug/l #	72
16) Acetone	2.379	43	28715	56.361	ug/l	100
18) Methyl Acetate	2.703	43	1484	1.006	ug/l #	87
20) Methylene Chloride	2.794	84	6490	5.712	ug/l	91
25) 2-Butanone	4.568	43	4516	6.175	ug/l	98
31) Cyclohexane	5.556	56	2166	1.324	ug/l #	1
36) 1,1-Dichloropropene	5.556	75	8101	5.202	ug/l #	49
37) Ethyl Acetate	4.714	43	17230	11.704	ug/l	98
38) Carbon Tetrachloride	5.550	117	11188	6.412	ug/l #	16
43) Isopropyl Acetate	6.336	43	73591	31.067	ug/l	98
48) Methyl methacrylate	7.793	41	70442	57.620	ug/l #	42
49) 1,4-Dioxane	7.799	88	71	2.547	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	66040	44.086	ug/l #	46
53) t-1,3-Dichloropropene	8.951	75	490	2.757	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	28536	15.550	ug/l #	58
57) 1,3-Dichloropropane	9.482	76	3989	2.012	ug/l #	42
59) 2-Hexanone	9.482	43	52733	47.769	ug/l #	52
74) N-amyl acetate	10.817	43	699	0.386	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	32521	21.803	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	32521	67.823	ug/l #	6

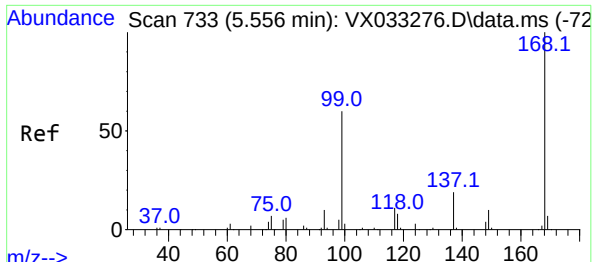
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_X
ClientSampleId :

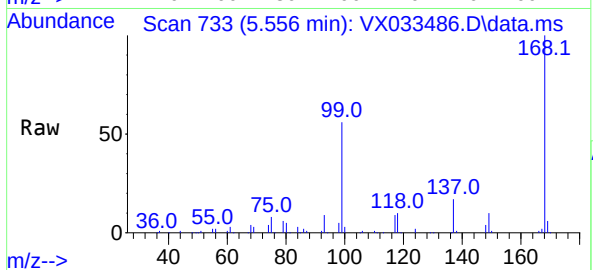
Quant Time: Dec 20 05:01:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
Response via : Initial Calibration



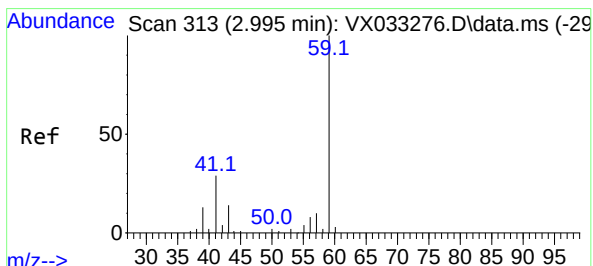
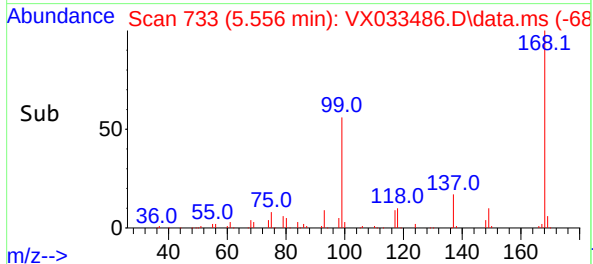
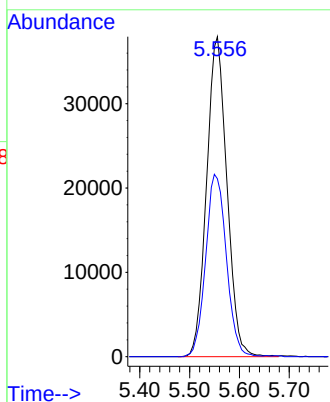


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :

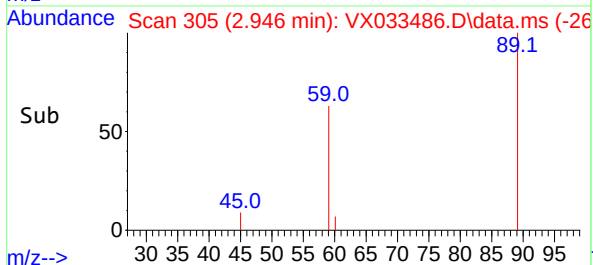
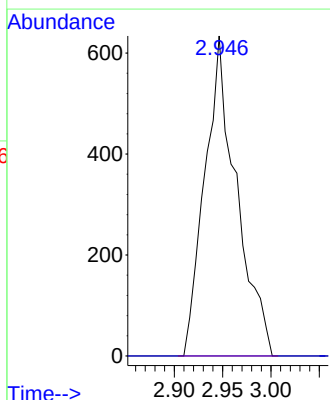
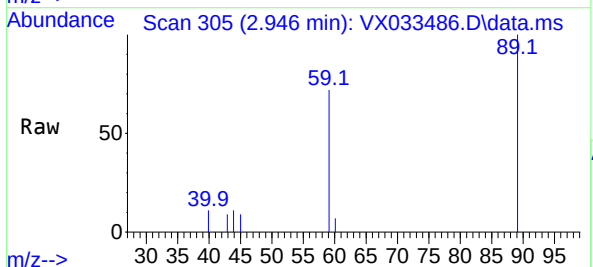


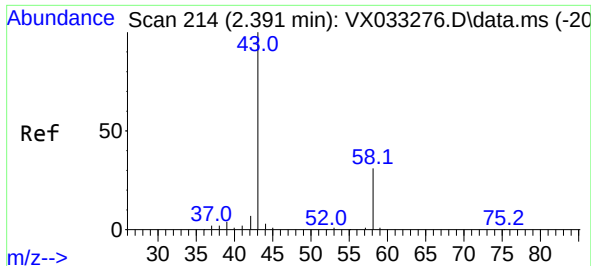
Tgt Ion:168 Resp: 107323
Ion Ratio Lower Upper
168 100
99 55.6 46.1 69.1



#11
Tert butyl alcohol
Concen: 6.846 ug/l
RT: 2.946 min Scan# 305
Delta R.T. -0.049 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Tgt Ion: 59 Resp: 1441
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

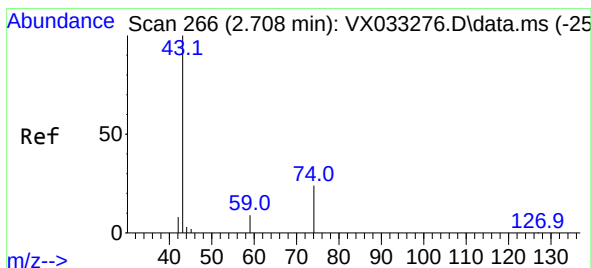
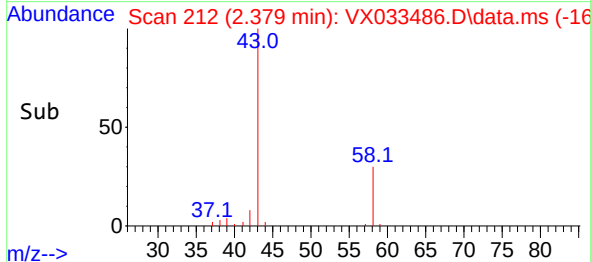
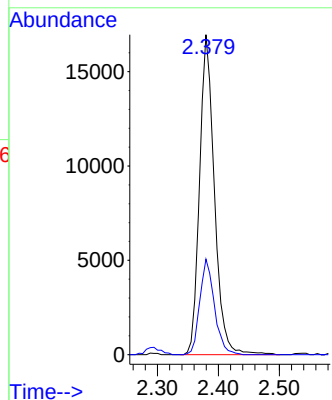
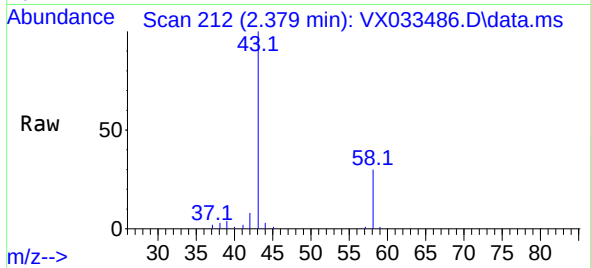




#16
Acetone
Concen: 56.361 ug/l
RT: 2.379 min Scan# 214
Delta R.T. -0.012 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

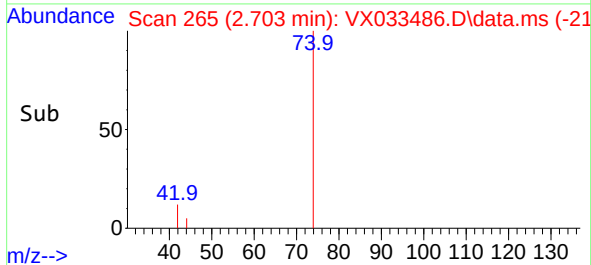
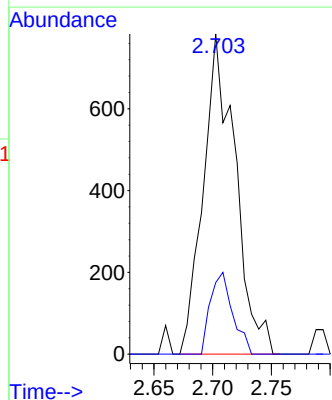
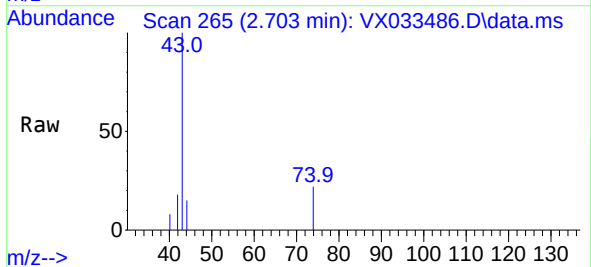
Instrument :
MSVOA_X
ClientSampleId :

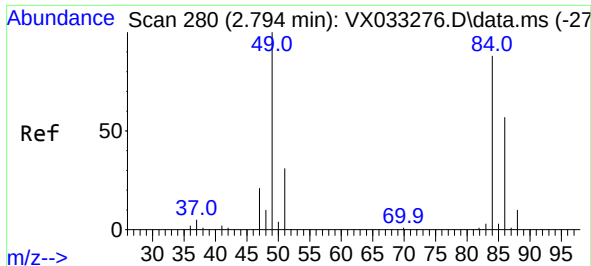
Tgt Ion: 43 Resp: 28715
Ion Ratio Lower Upper
43 100
58 29.8 23.8 35.8



#18
Methyl Acetate
Concen: 1.006 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

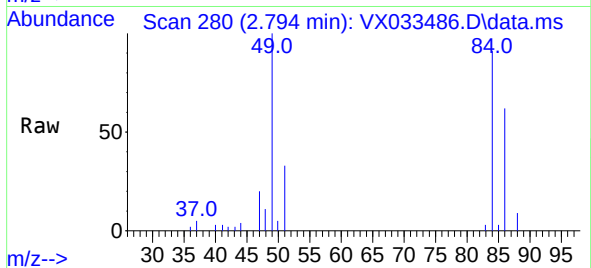
Tgt Ion: 43 Resp: 1484
Ion Ratio Lower Upper
43 100
74 17.8 19.4 29.0#





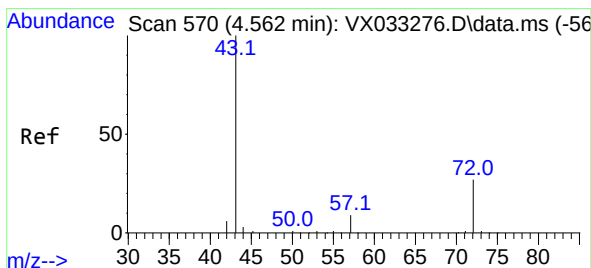
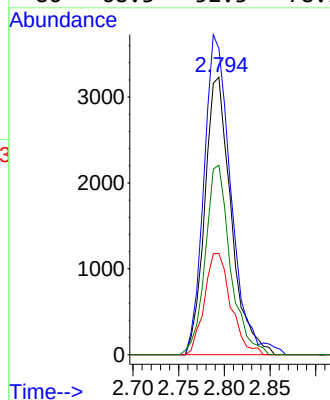
#20
Methylene Chloride
Concen: 5.712 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 6490

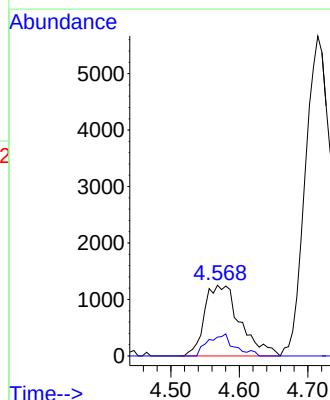
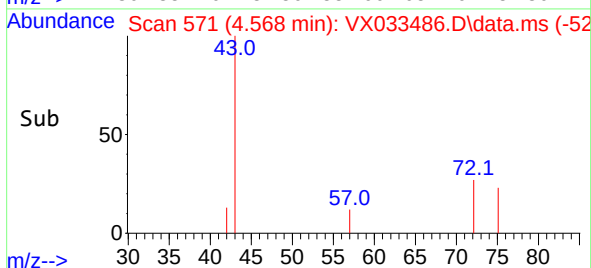
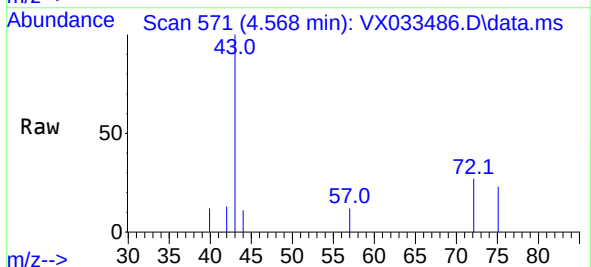
Ion	Ratio	Lower	Upper
84	100		
49	110.3	101.0	151.6
51	36.5	31.1	46.7
86	68.3	52.3	78.5

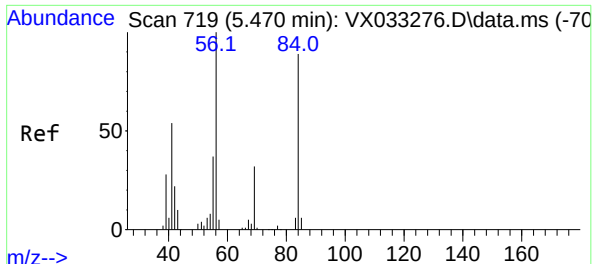


#25
2-Butanone
Concen: 6.175 ug/l
RT: 4.568 min Scan# 571
Delta R.T. 0.006 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Tgt Ion: 43 Resp: 4516

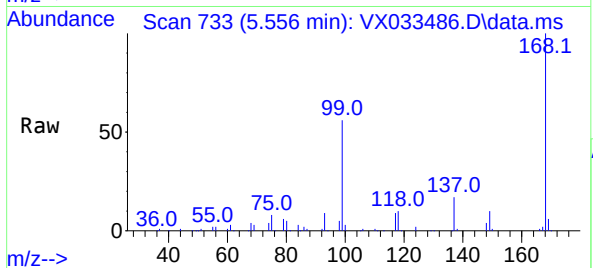
Ion	Ratio	Lower	Upper
43	100		
72	26.6	22.2	33.2



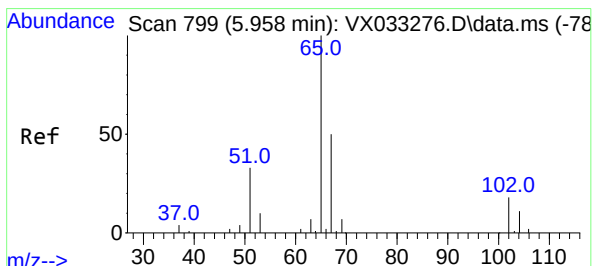
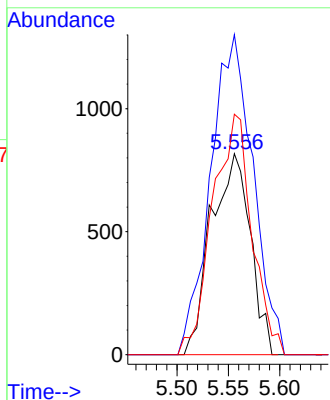
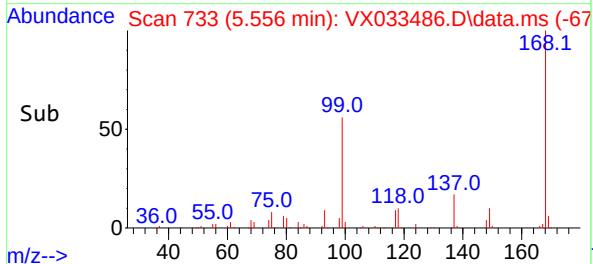


#31
Cyclohexane
Concen: 1.324 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.086 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :

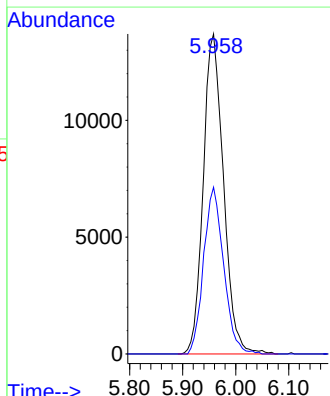
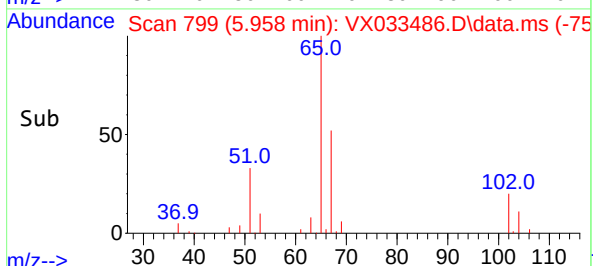
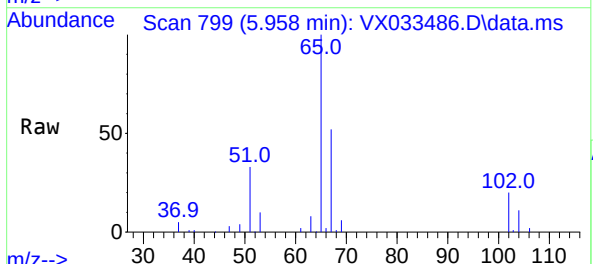


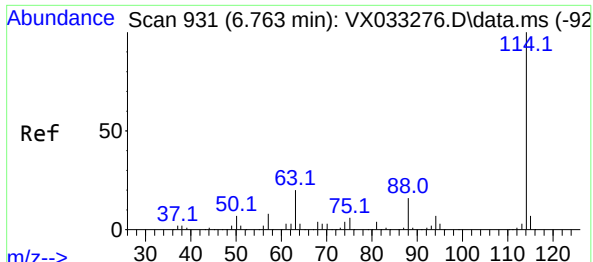
Tgt Ion: 56 Resp: 2166
Ion Ratio Lower Upper
56 100
69 159.2 24.1 36.1#
84 127.7 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.846 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

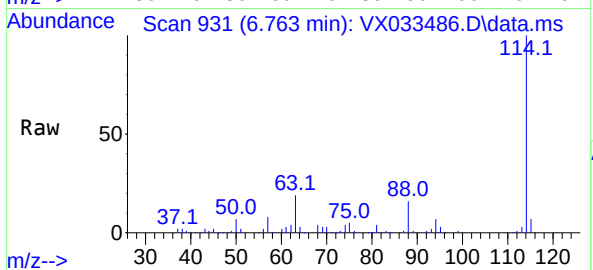
Tgt Ion: 65 Resp: 36385
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.8



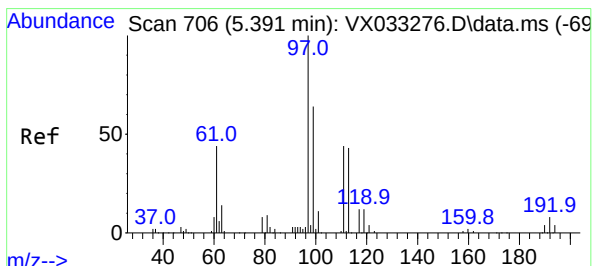
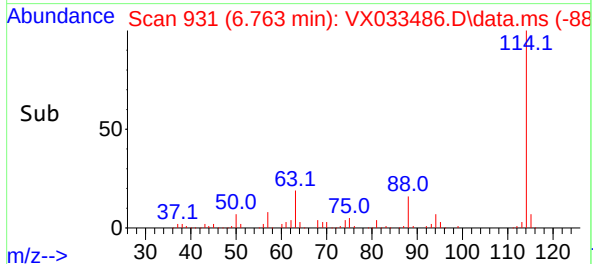
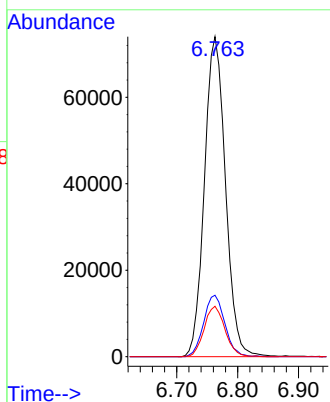


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :

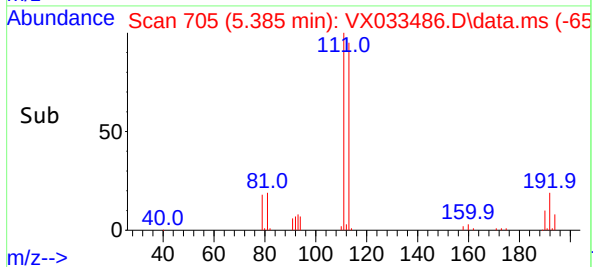
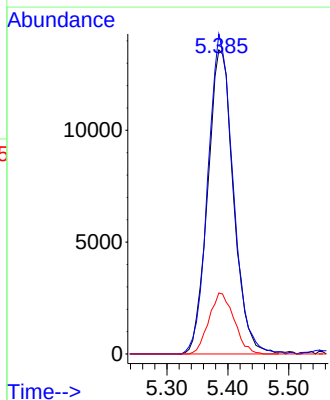
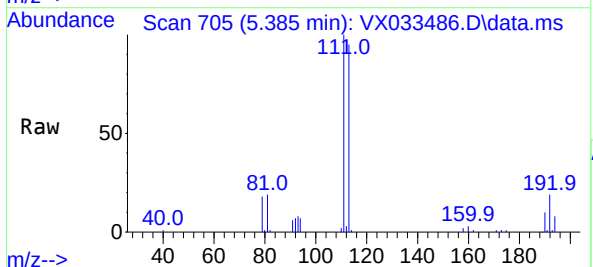


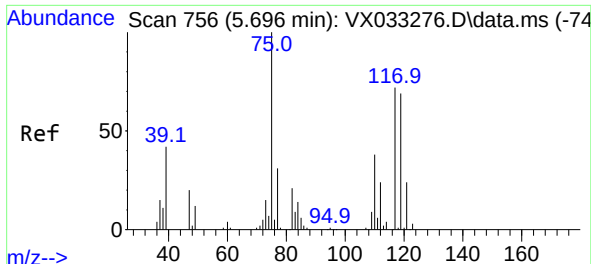
Tgt Ion:114 Resp: 177600
Ion Ratio Lower Upper
114 100
63 19.2 0.0 41.6
88 15.7 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.936 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

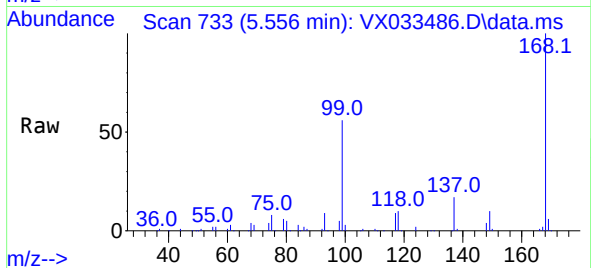
Tgt Ion:113 Resp: 39889
Ion Ratio Lower Upper
113 100
111 103.0 82.4 123.6
192 19.6 15.4 23.2



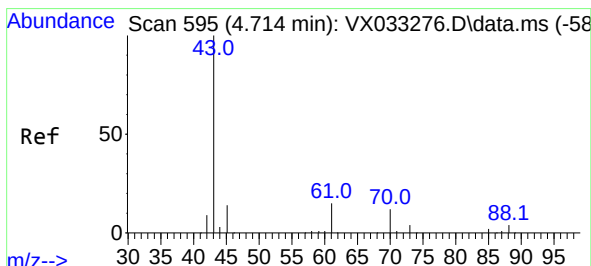
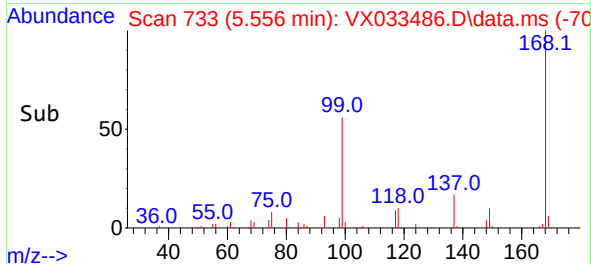
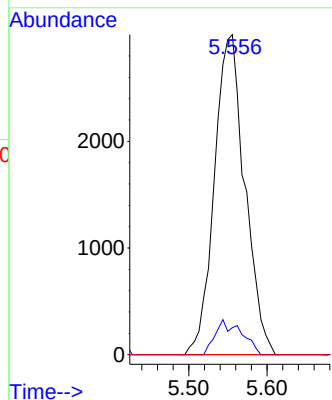


#36
1,1-Dichloropropene
Concen: 5.202 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :

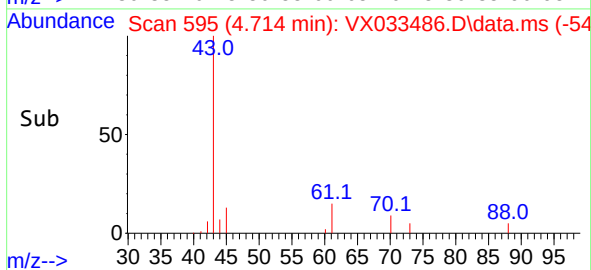
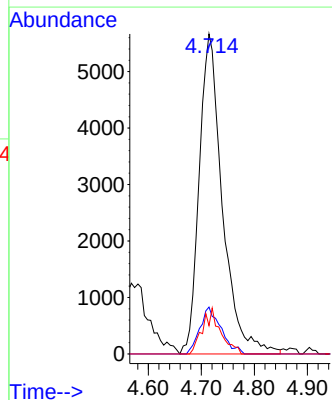
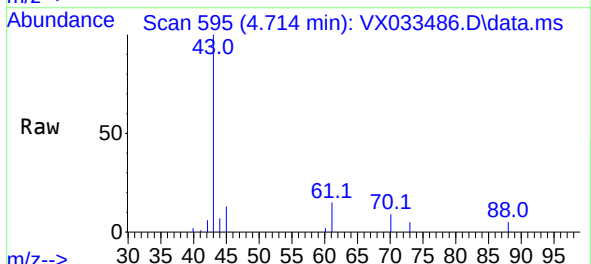


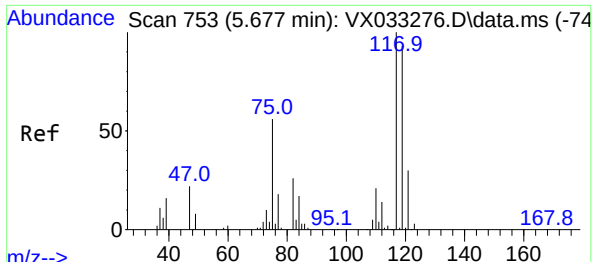
Tgt Ion: 75 Resp: 8101
Ion Ratio Lower Upper
75 100
110 9.4 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 11.704 ug/l
RT: 4.714 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

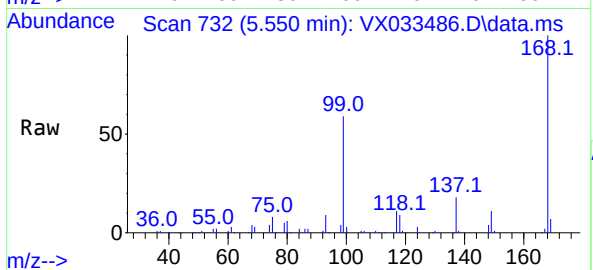
Tgt Ion: 43 Resp: 17230
Ion Ratio Lower Upper
43 100
61 13.3 11.5 17.3
70 11.1 9.1 13.7



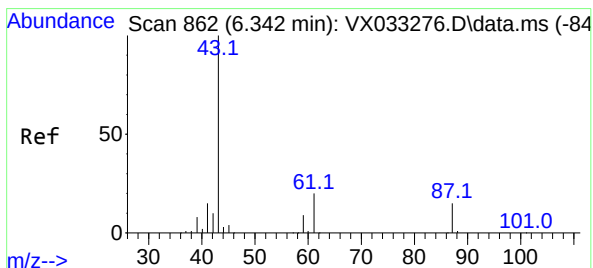
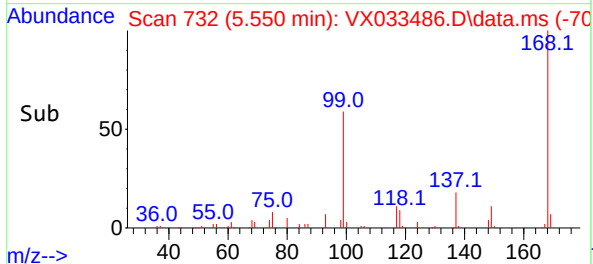
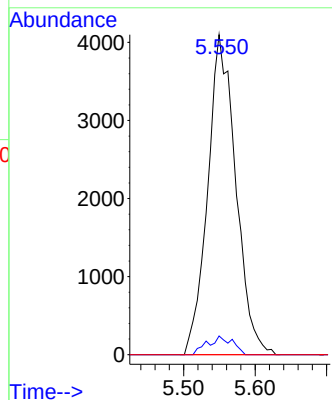


#38
Carbon Tetrachloride
Concen: 6.412 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :

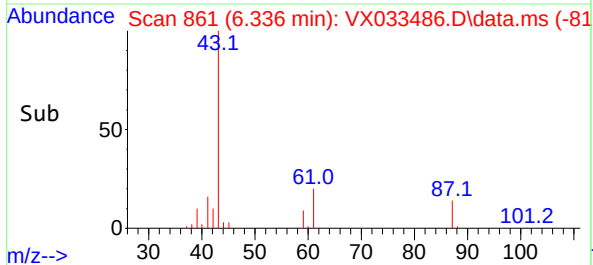
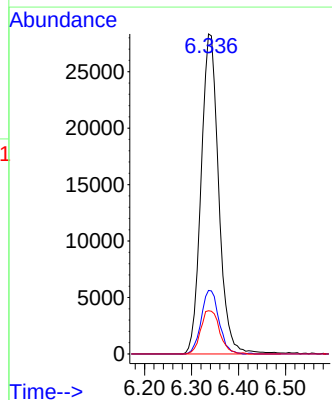
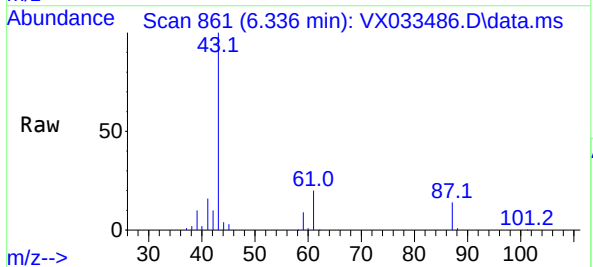


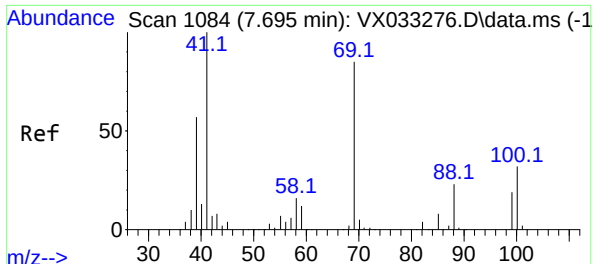
Tgt Ion:117 Resp: 11188
Ion Ratio Lower Upper
117 100
119 5.8 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 31.067 ug/l
RT: 6.336 min Scan# 861
Delta R.T. -0.006 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Tgt Ion: 43 Resp: 73591
Ion Ratio Lower Upper
43 100
61 20.0 15.4 23.0
87 14.6 10.8 16.2





#48

Methyl methacrylate

Concen: 57.620 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.098 min

Lab File: VX033486.D

Acq: 19 Dec 2022 15:54

Instrument :

MSVOA_X

ClientSampleId :

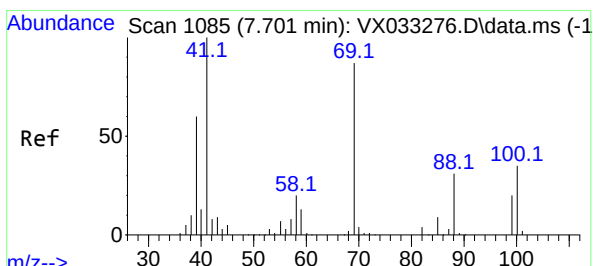
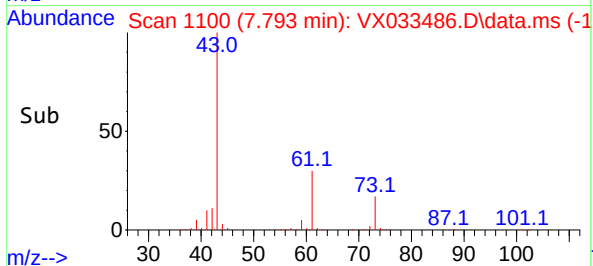
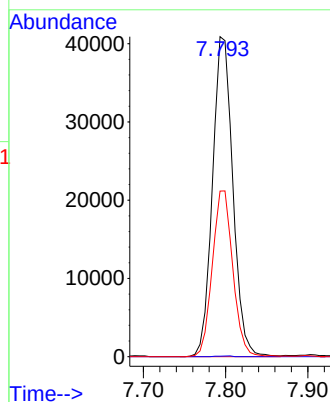
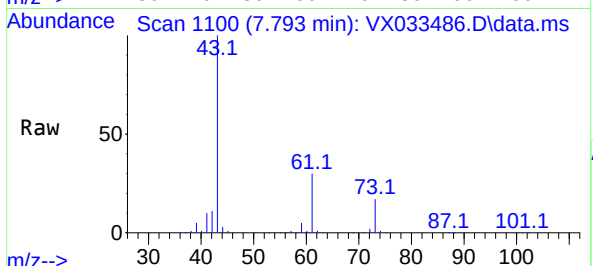
Tgt Ion: 41 Resp: 70442

Ion Ratio Lower Upper

41 100

69 0.2 65.1 97.7#

39 52.3 51.9 77.9



#49

1,4-Dioxane

Concen: 2.547 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.098 min

Lab File: VX033486.D

Acq: 19 Dec 2022 15:54

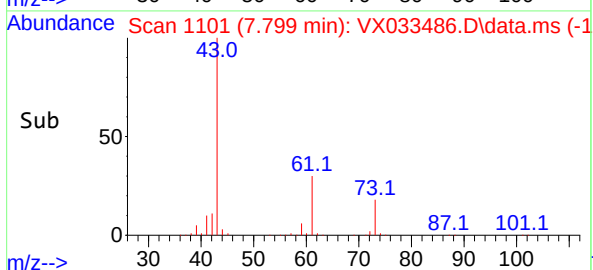
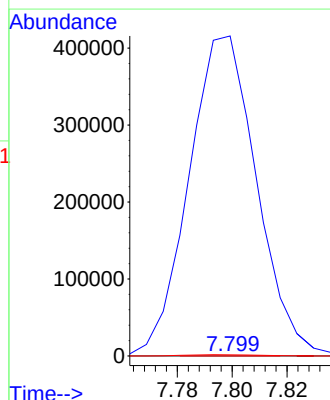
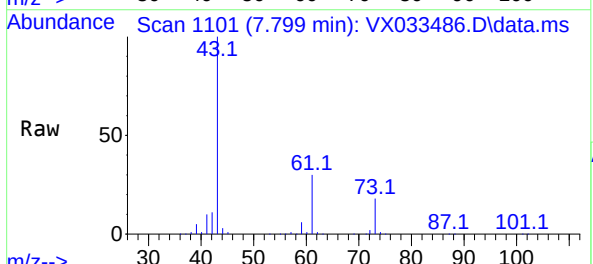
Tgt Ion: 88 Resp: 71

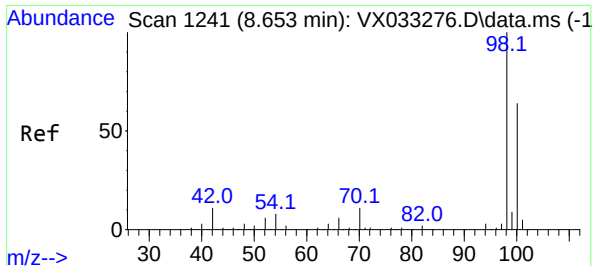
Ion Ratio Lower Upper

88 100

43 1013871.8 26.6 39.8#

58 4295.8 51.7 77.5#





#50

Toluene-d8

Concen: 48.837 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX033486.D

Acq: 19 Dec 2022 15:54

Instrument :

MSVOA_X

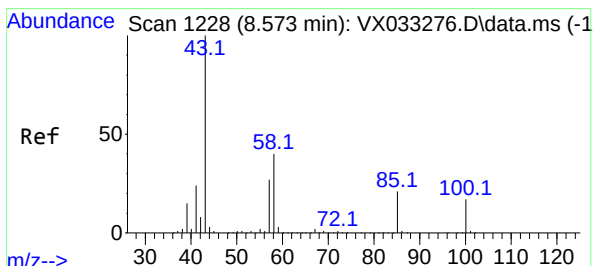
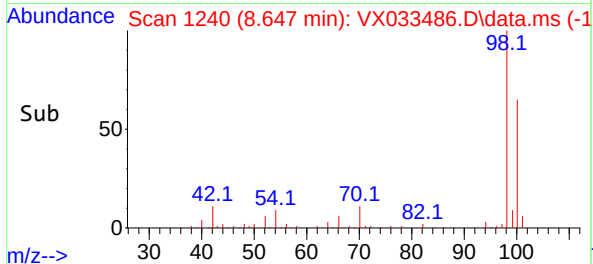
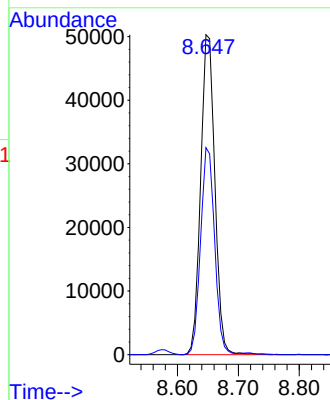
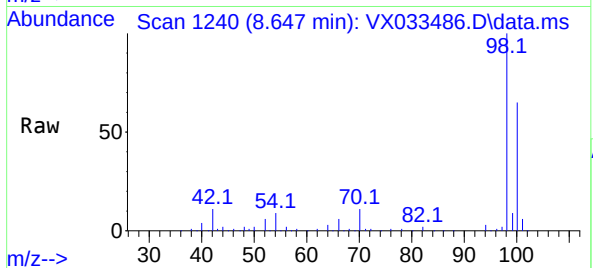
ClientSampleId :

Tgt Ion: 98 Resp: 81610

Ion Ratio Lower Upper

98 100

100 63.8 50.9 76.3



#51

4-Methyl-2-Pentanone

Concen: 44.086 ug/l

RT: 8.549 min Scan# 1224

Delta R.T. -0.024 min

Lab File: VX033486.D

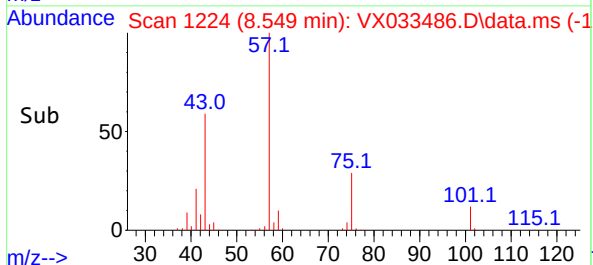
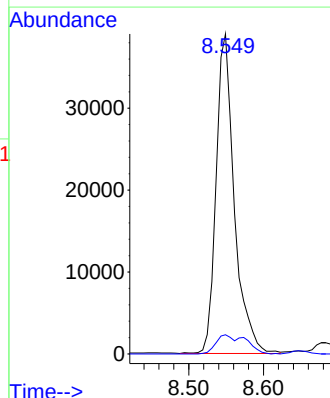
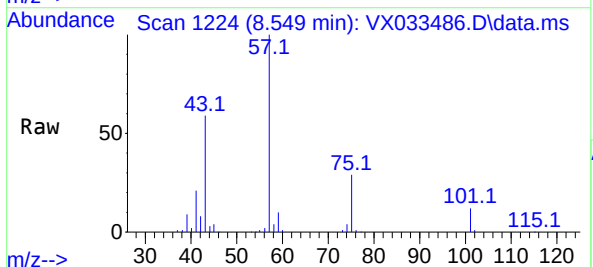
Acq: 19 Dec 2022 15:54

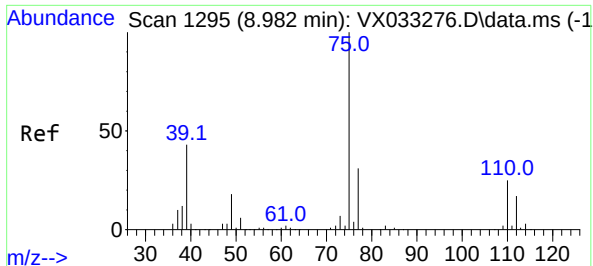
Tgt Ion: 43 Resp: 66040

Ion Ratio Lower Upper

43 100

58 5.9 30.9 46.3#

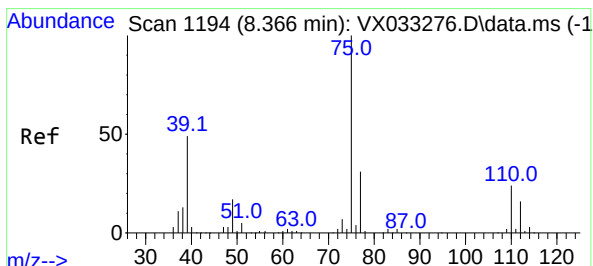
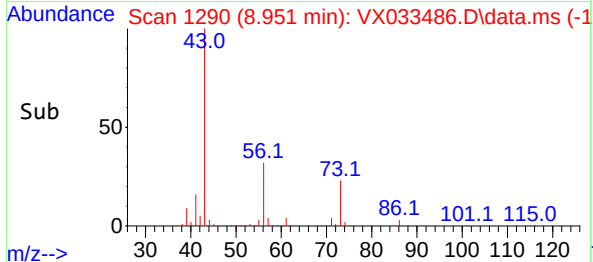
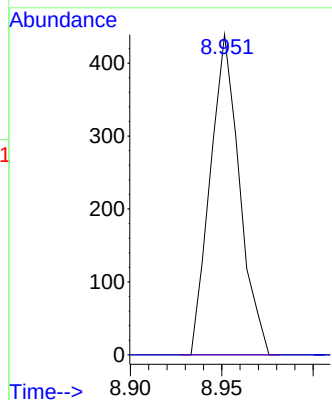
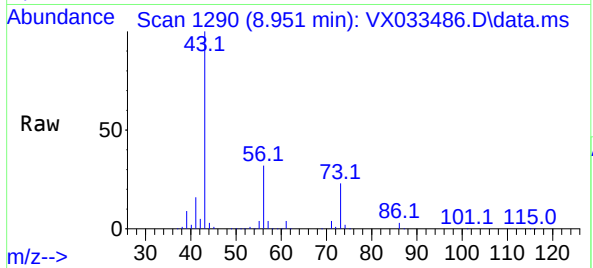




#53
t-1,3-Dichloropropene
Concen: 2.757 ug/l
RT: 8.951 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

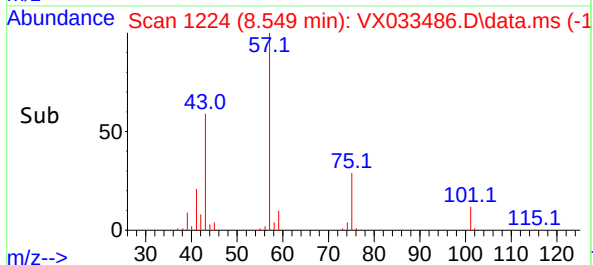
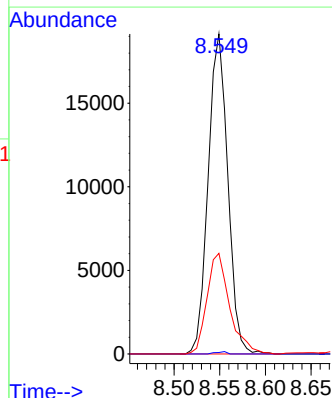
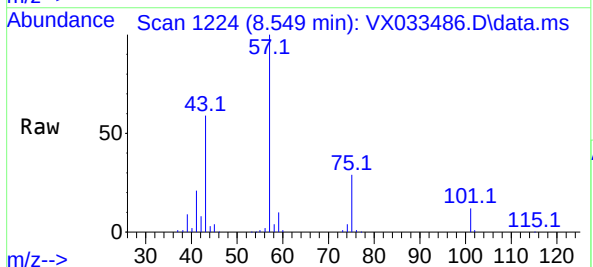
Instrument :
MSVOA_X
ClientSampleId :

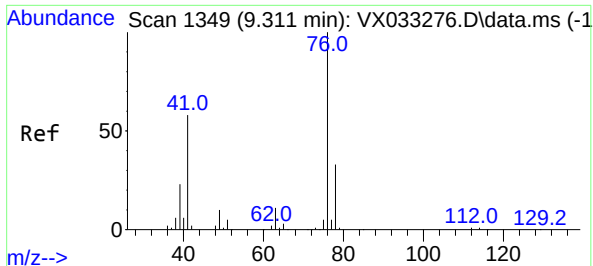
Tgt Ion: 75 Resp: 490
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 15.550 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Tgt Ion: 75 Resp: 28536
Ion Ratio Lower Upper
75 100
77 0.5 25.1 37.7#
39 31.4 45.5 68.3#





#57

1,3-Dichloropropane

Concen: 2.012 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX033486.D

Acq: 19 Dec 2022 15:54

Instrument :

MSVOA_X

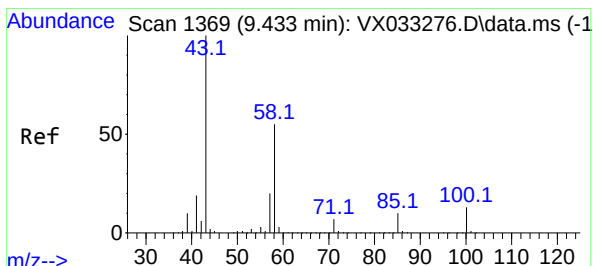
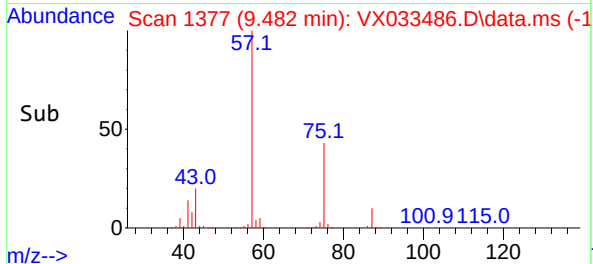
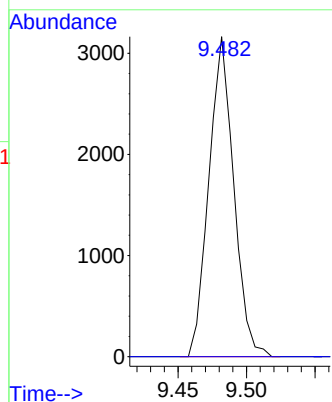
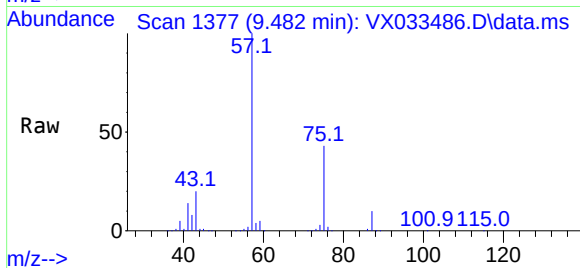
ClientSampleId :

Tgt Ion: 76 Resp: 3989

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#



#59

2-Hexanone

Concen: 47.769 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.049 min

Lab File: VX033486.D

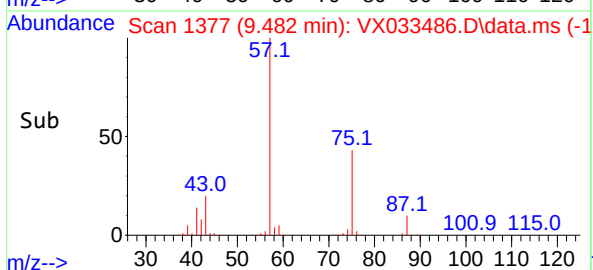
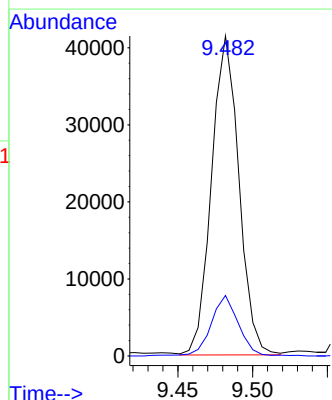
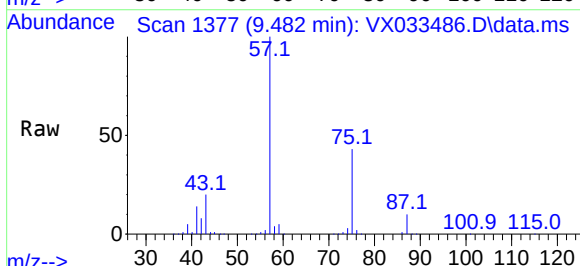
Acq: 19 Dec 2022 15:54

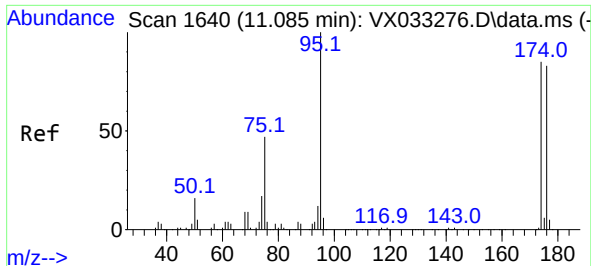
Tgt Ion: 43 Resp: 52733

Ion Ratio Lower Upper

43 100

58 19.1 26.5 79.5#

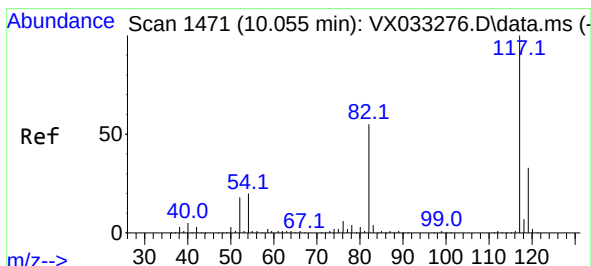
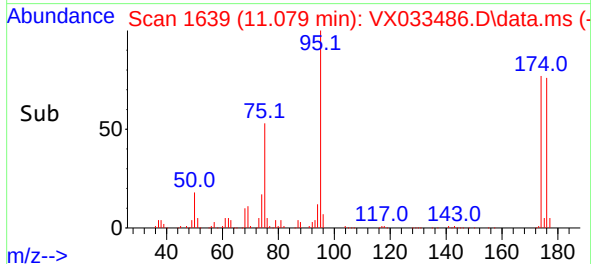
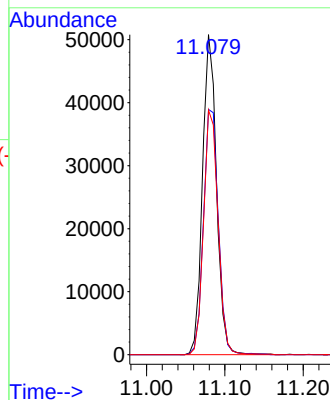
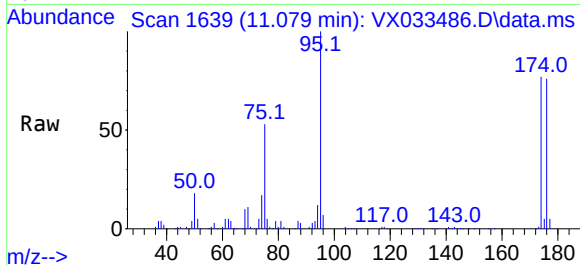




#62
4-Bromofluorobenzene
Concen: 49.341 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

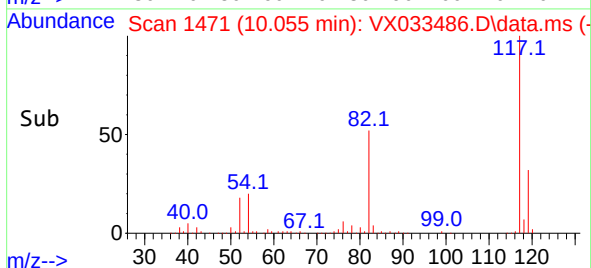
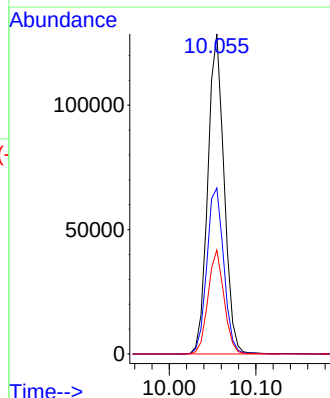
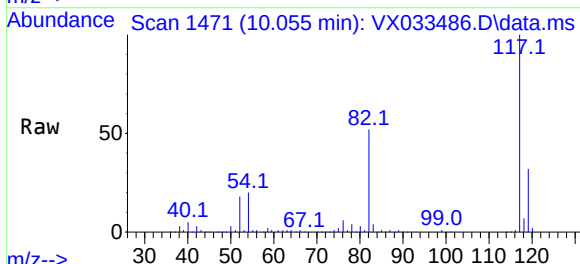
Instrument :
MSVOA_X
ClientSampleId :

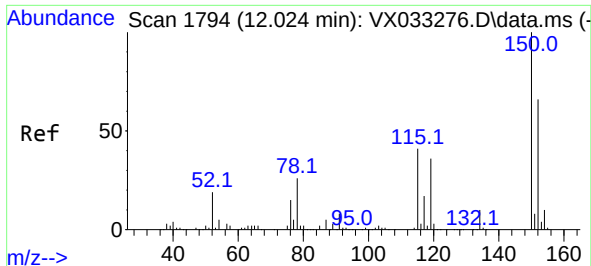
Tgt Ion: 95 Resp: 63044
Ion Ratio Lower Upper
95 100
174 81.4 0.0 164.0
176 79.2 0.0 154.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

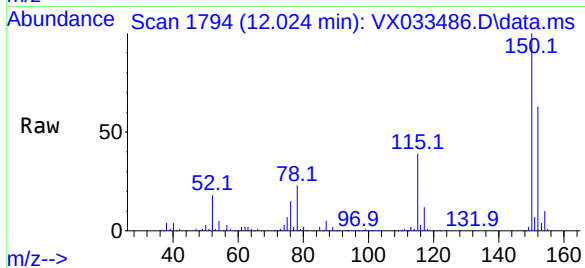
Tgt Ion: 117 Resp: 168185
Ion Ratio Lower Upper
117 100
82 51.9 44.3 66.5
119 32.5 25.7 38.5



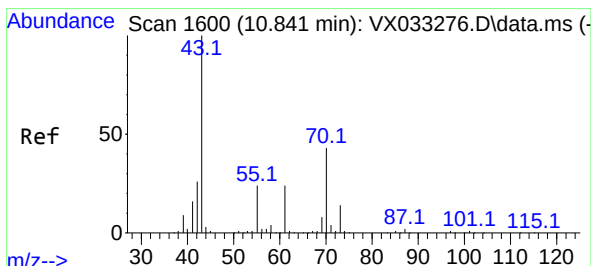
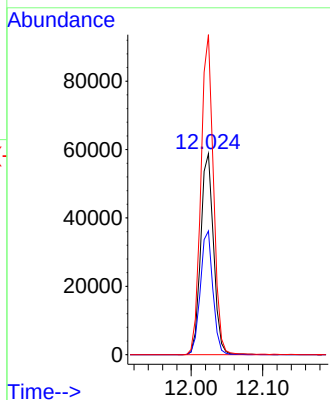
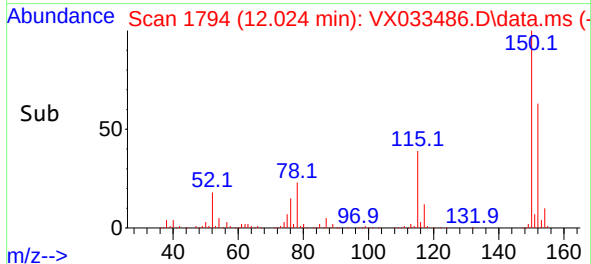


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

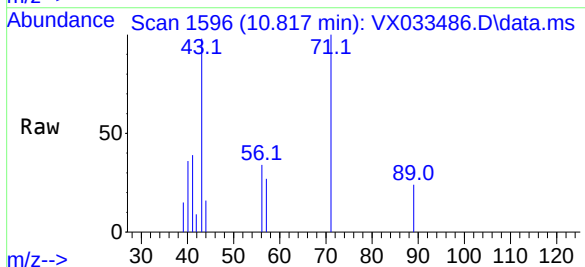
Instrument :
MSVOA_X
ClientSampleId :



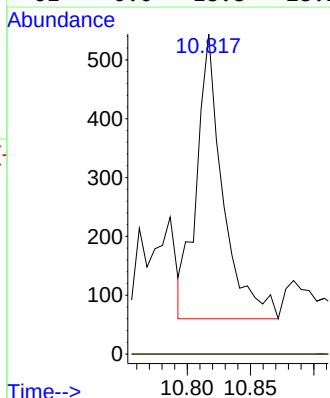
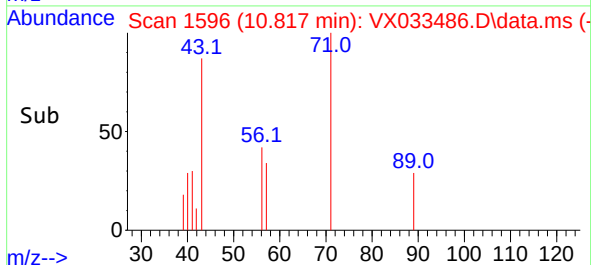
Tgt Ion:152 Resp: 73313
Ion Ratio Lower Upper
152 100
115 60.2 44.0 132.0
150 156.2 0.0 351.8

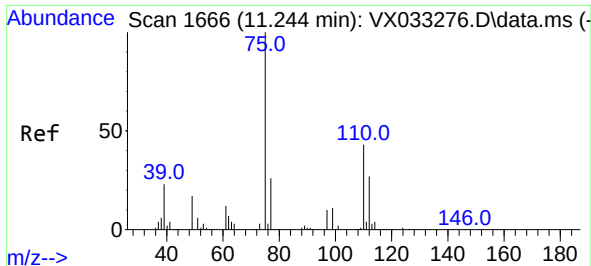


#74
N-ethyl acetate
Concen: 0.386 ug/l
RT: 10.817 min Scan# 1596
Delta R.T. -0.024 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54



Tgt Ion: 43 Resp: 699
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#

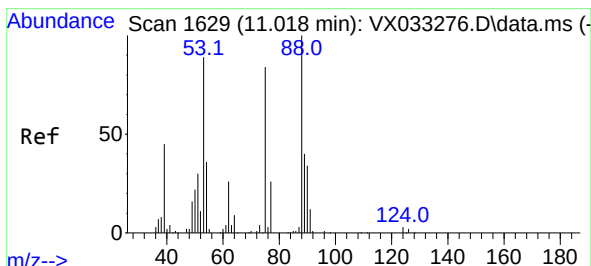
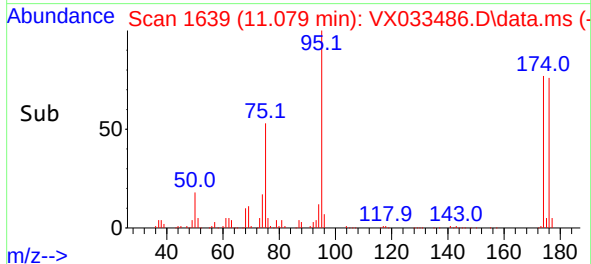
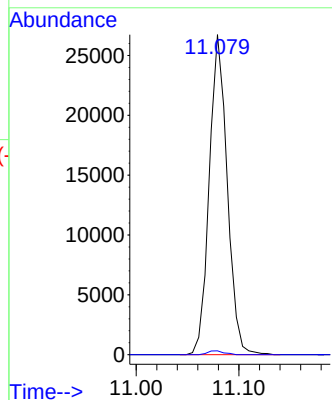
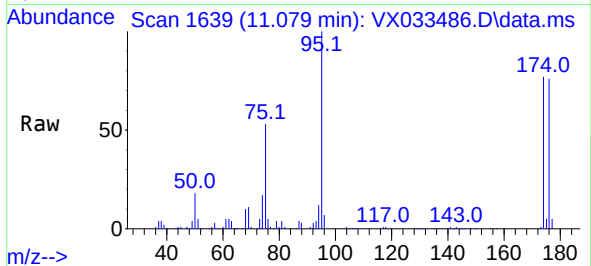




#76
1,2,3-Trichloropropane
Concen: 21.803 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 32521
Ion Ratio Lower Upper
75 100
77 1.1 20.0 60.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.823 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.061 min
Lab File: VX033486.D
Acq: 19 Dec 2022 15:54

Tgt Ion: 75 Resp: 32521
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

