

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033484.D
 Acq On : 19 Dec 2022 15:08
 Operator : JC/MD
 Sample : PB149722ZHE#13
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 05:01:11 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)

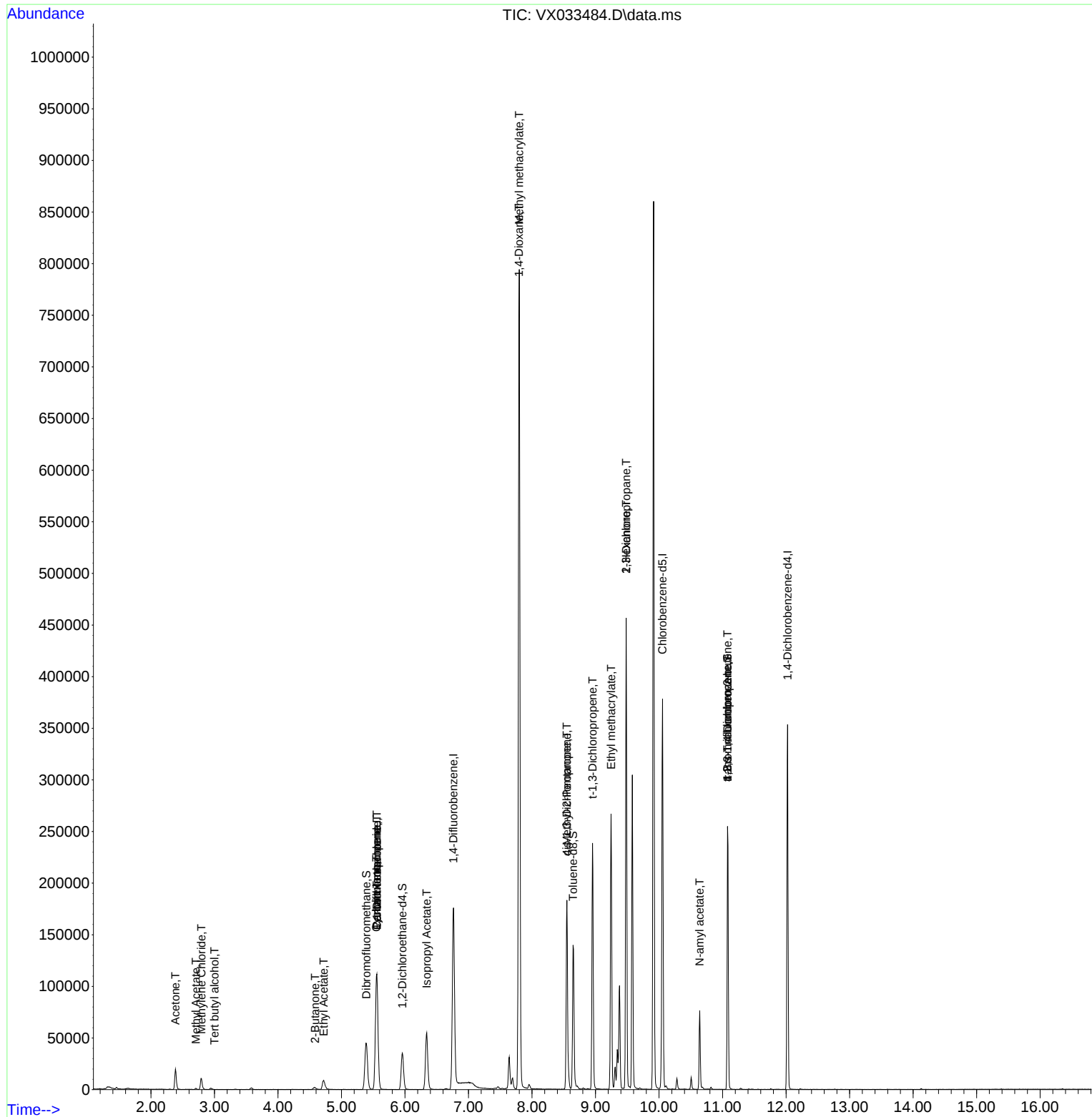
Internal Standards						
1) Pentafluorobenzene	5.556	168	109221	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	179658	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	169296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	75183	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	36666	52.328	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 104.660%	
35) Dibromofluoromethane	5.391	113	40580	50.219	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 100.440%	
50) Toluene-d8	8.647	98	86027	50.891	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 101.780%	
62) 4-Bromofluorobenzene	11.079	95	66751	51.644	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.280%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.001	59	43	0.201	ug/l #	72
16) Acetone	2.385	43	22718	43.816	ug/l	99
18) Methyl Acetate	2.709	43	1487	0.991	ug/l #	86
20) Methylene Chloride	2.794	84	5575	4.821	ug/l	89
25) 2-Butanone	4.586	43	3911	5.255	ug/l	93
31) Cyclohexane	5.550	56	2217	1.331	ug/l #	4
36) 1,1-Dichloropropene	5.556	75	8368	5.311	ug/l #	50
37) Ethyl Acetate	4.720	43	16115	10.821	ug/l	99
38) Carbon Tetrachloride	5.556	117	11011	6.238	ug/l #	16
43) Isopropyl Acetate	6.342	43	73713	30.762	ug/l	99
48) Methyl methacrylate	7.799	41	68757	55.597	ug/l #	42
49) 1,4-Dioxane	7.793	88	44	1.560	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	65534	43.247	ug/l #	52
53) t-1,3-Dichloropropene	8.951	75	497	2.757	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	28827	15.529	ug/l #	58
56) Ethyl methacrylate	9.244	69	583	0.332	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3753	1.871	ug/l #	42
59) 2-Hexanone	9.482	43	51281	45.922	ug/l #	53
74) N-amyl acetate	10.640	43	19320	10.391	ug/l #	52
76) 1,2,3-Trichloropropane	11.079	75	34048	22.259	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	34048	69.242	ug/l #	6

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

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Quant Time: Dec 20 05:01:11 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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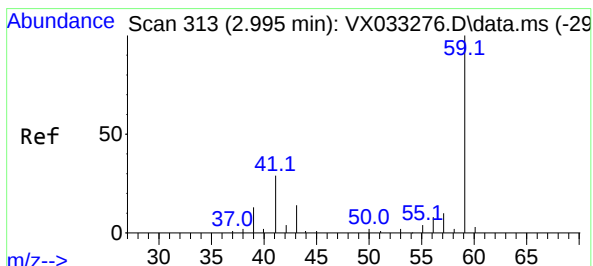
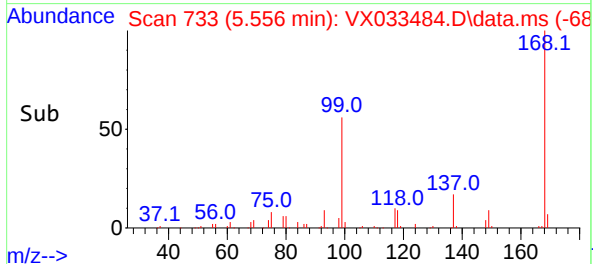
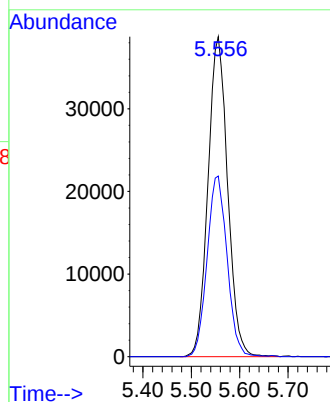
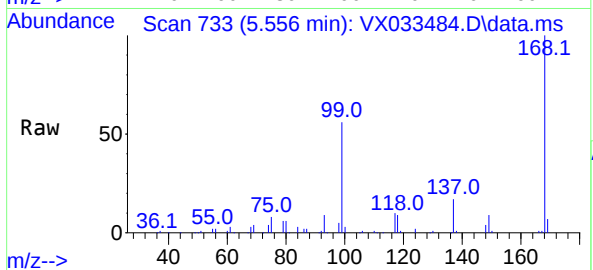




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

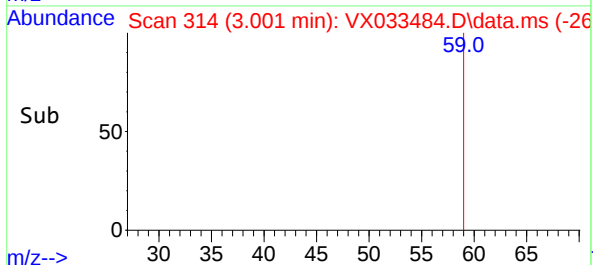
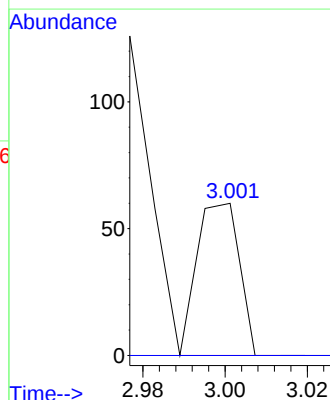
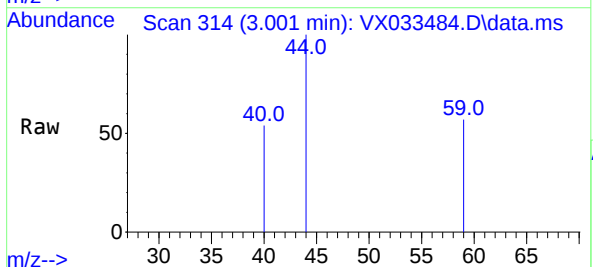
Instrument :
MSVOA_X
ClientSampleId :

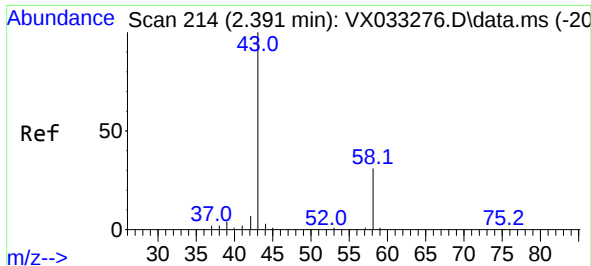
Tgt Ion:168 Resp: 109221
Ion Ratio Lower Upper
168 100
99 56.5 46.1 69.1



#11
Tert butyl alcohol
Concen: 0.201 ug/l
RT: 3.001 min Scan# 314
Delta R.T. 0.006 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Tgt Ion: 59 Resp: 43
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

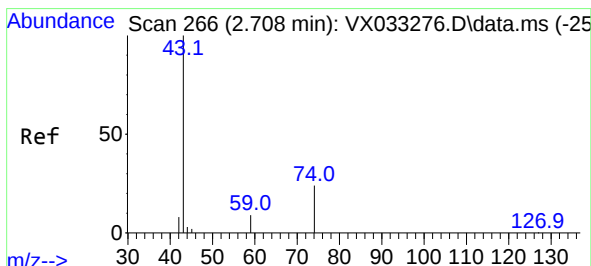
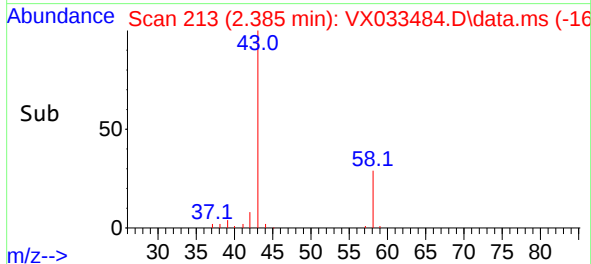
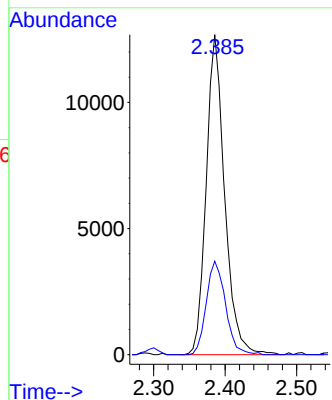
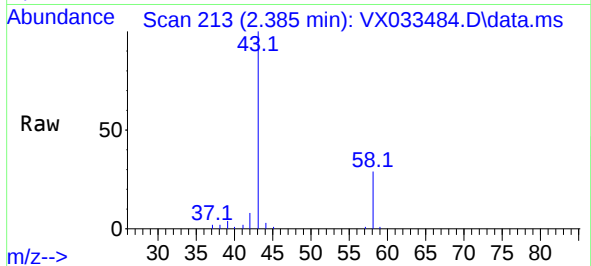




#16
Acetone
Concen: 43.816 ug/l
RT: 2.385 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

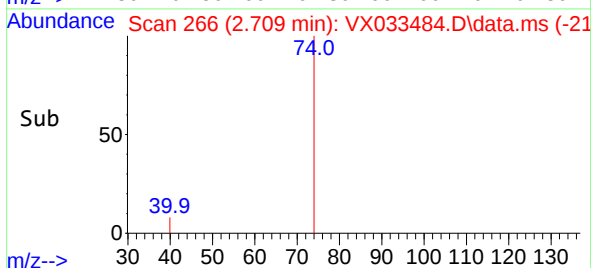
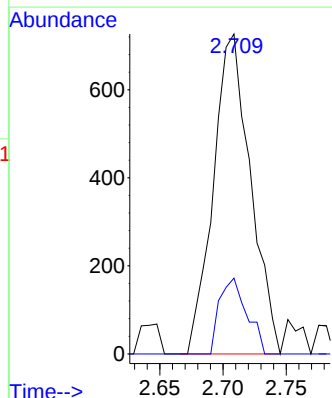
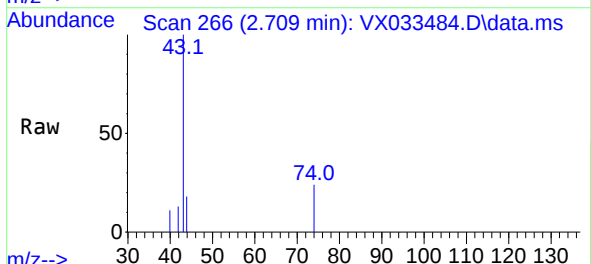
Instrument :
MSVOA_X
ClientSampleId :

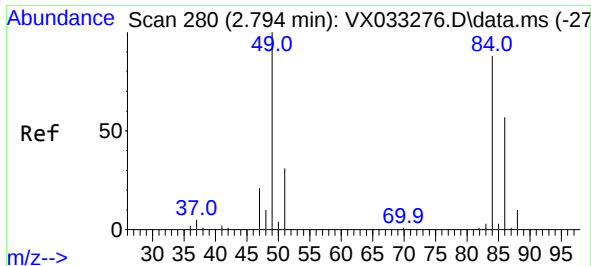
Tgt Ion: 43 Resp: 22718
Ion Ratio Lower Upper
43 100
58 29.2 23.8 35.8



#18
Methyl Acetate
Concen: 0.991 ug/l
RT: 2.709 min Scan# 266
Delta R.T. 0.000 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

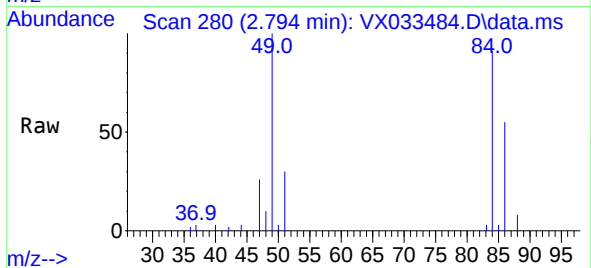
Tgt Ion: 43 Resp: 1487
Ion Ratio Lower Upper
43 100
74 17.4 19.4 29.0#





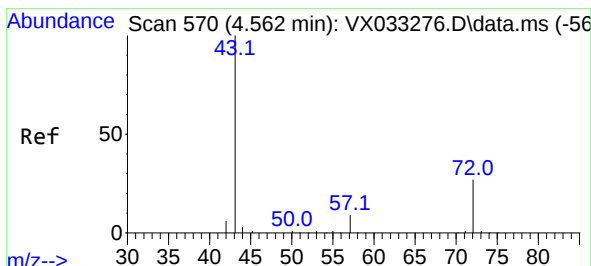
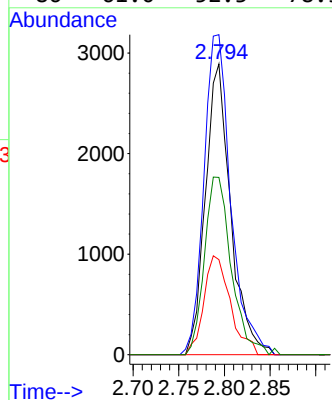
#20
Methylene Chloride
Concen: 4.821 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 5575

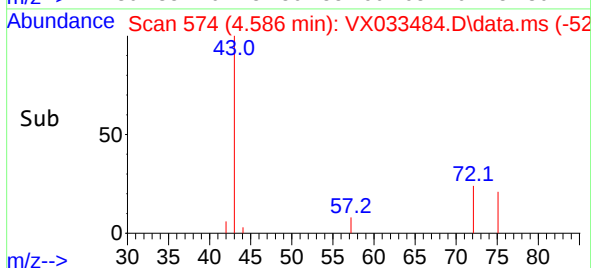
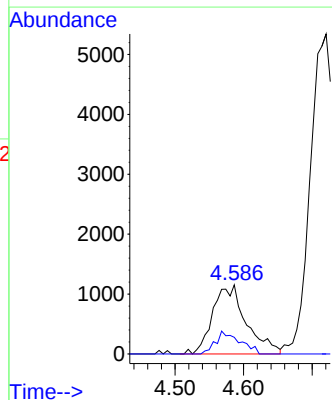
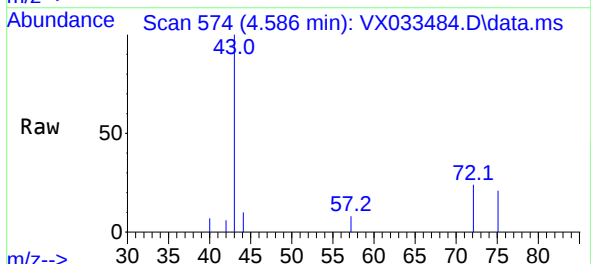
Ion	Ratio	Lower	Upper
84	100		
49	110.1	101.0	151.6
51	32.7	31.1	46.7
86	61.0	52.3	78.5

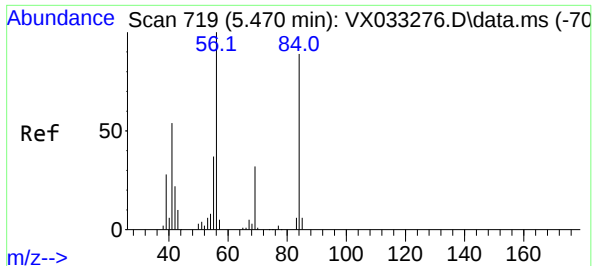


#25
2-Butanone
Concen: 5.255 ug/l
RT: 4.586 min Scan# 574
Delta R.T. 0.024 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Tgt Ion: 43 Resp: 3911

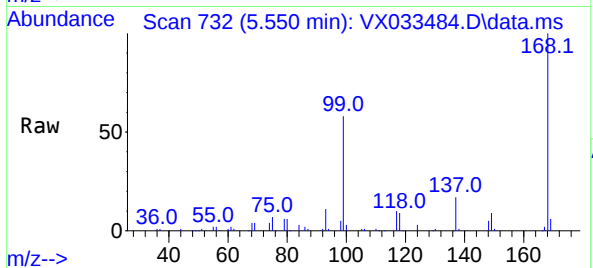
Ion	Ratio	Lower	Upper
43	100		
72	24.1	22.2	33.2



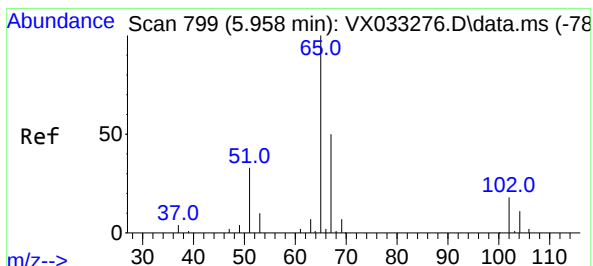
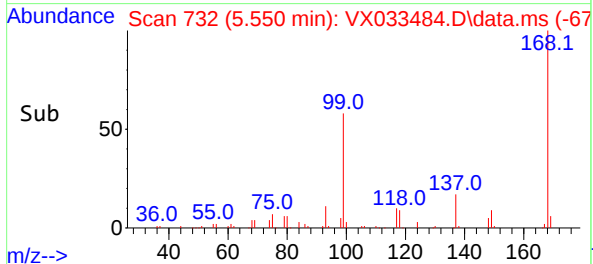
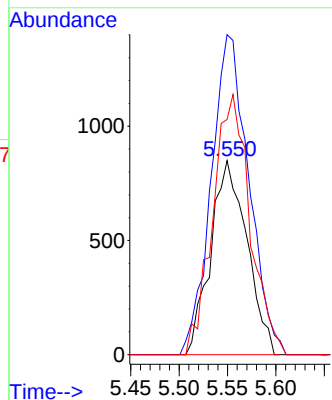


#31
Cyclohexane
Concen: 1.331 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Instrument :
MSVOA_X
ClientSampleId :

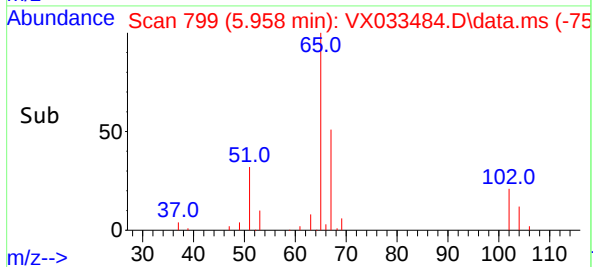
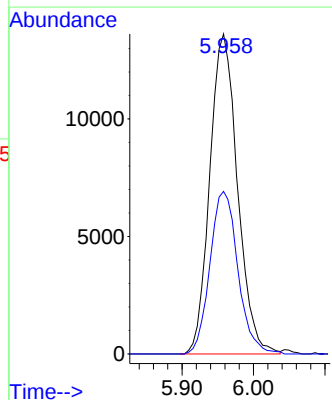
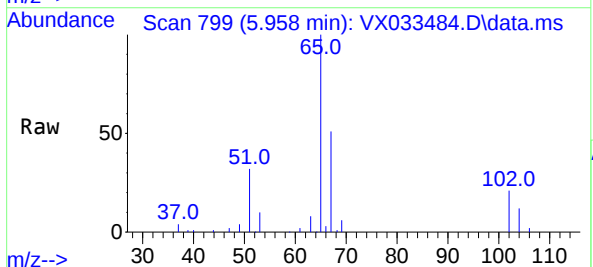


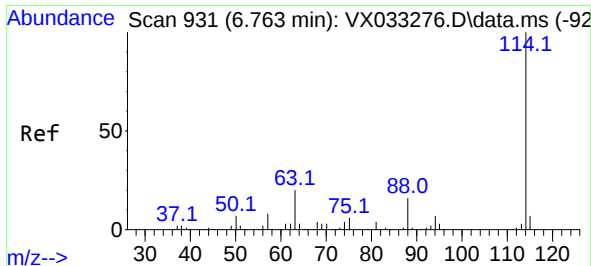
Tgt Ion: 56 Resp: 2217
Ion Ratio Lower Upper
56 100
69 164.8 24.1 36.1#
84 121.2 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 52.328 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

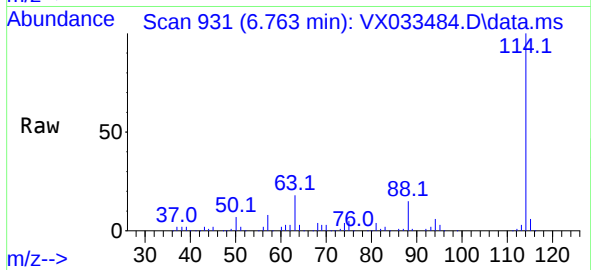
Tgt Ion: 65 Resp: 36666
Ion Ratio Lower Upper
65 100
67 51.2 0.0 101.8



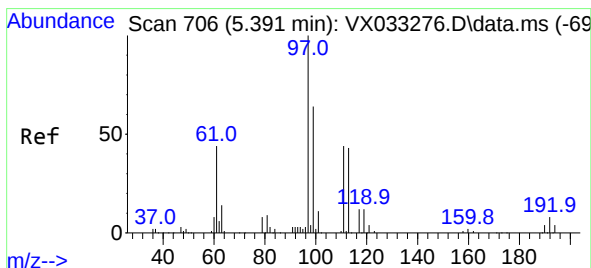
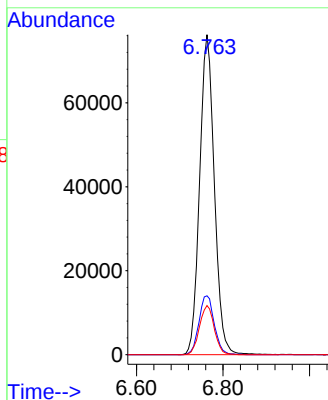
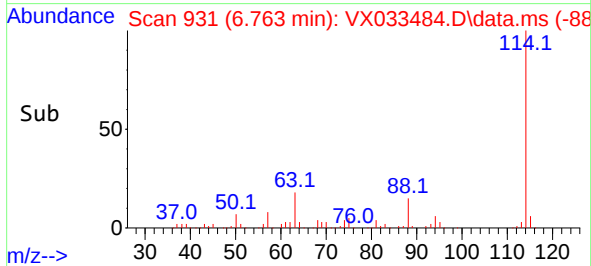


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Instrument :
MSVOA_X
ClientSampleId :

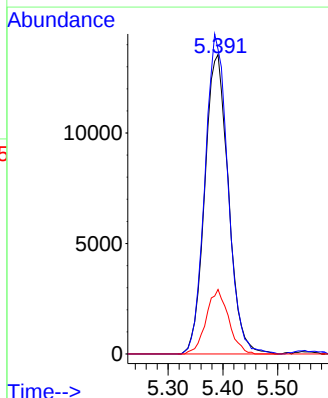
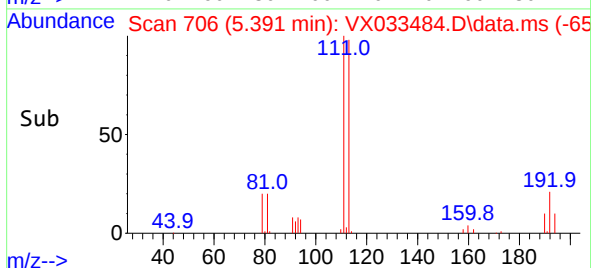
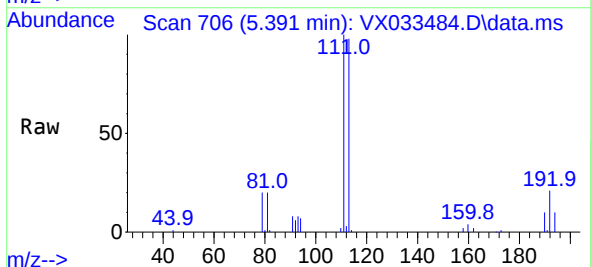


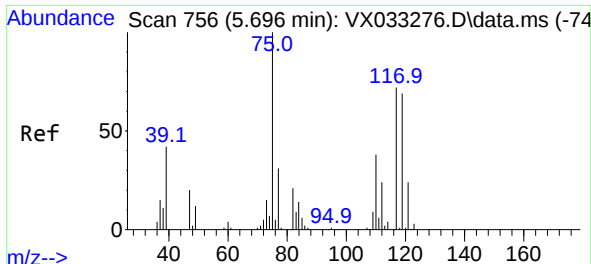
Tgt Ion:114 Resp: 179658
Ion Ratio Lower Upper
114 100
63 18.4 0.0 41.6
88 15.4 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.219 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

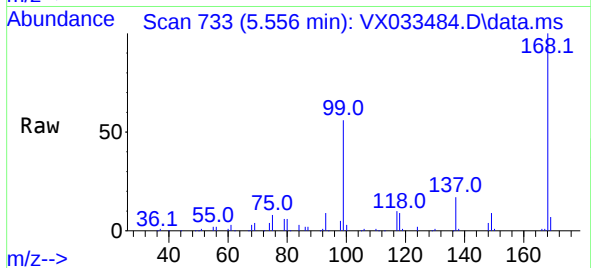
Tgt Ion:113 Resp: 40580
Ion Ratio Lower Upper
113 100
111 104.0 82.4 123.6
192 20.4 15.4 23.2



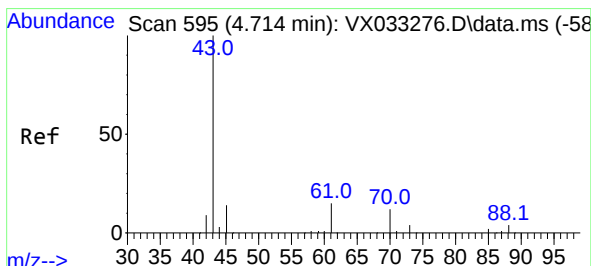
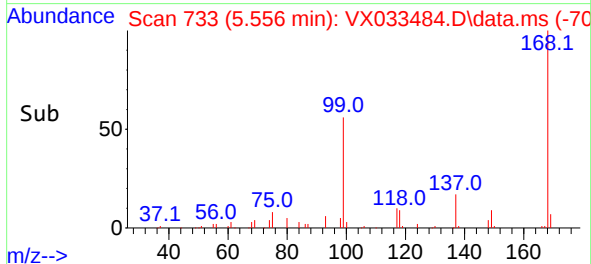
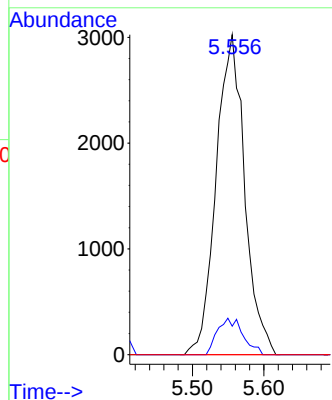


#36
1,1-Dichloropropene
Concen: 5.311 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.140 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Instrument :
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ClientSampleId :

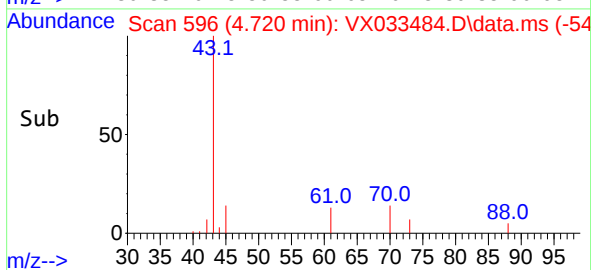
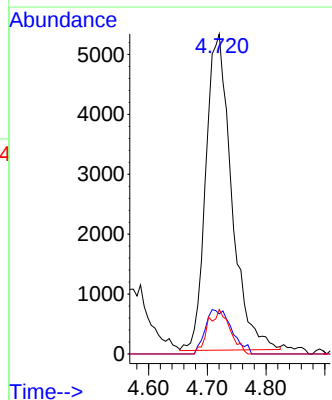
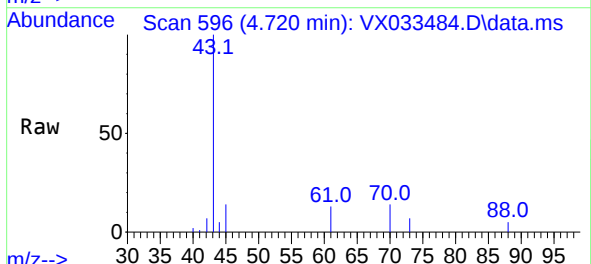


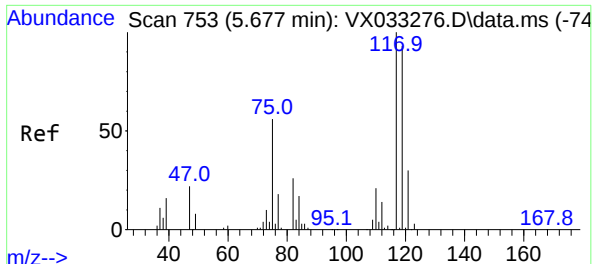
Tgt Ion: 75 Resp: 8368
Ion Ratio Lower Upper
75 100
110 10.2 18.4 55.2#
77 0.0 24.5 36.7#



#37
Ethyl Acetate
Concen: 10.821 ug/l
RT: 4.720 min Scan# 596
Delta R.T. 0.006 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

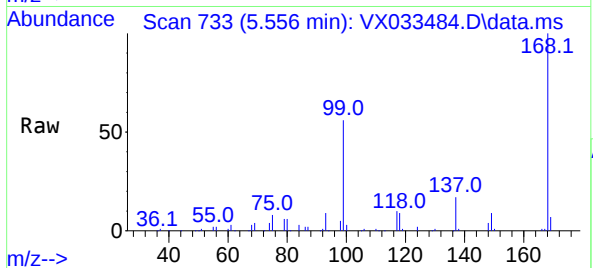
Tgt Ion: 43 Resp: 16115
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 12.0 9.1 13.7



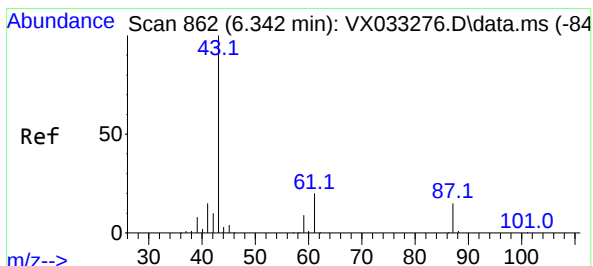
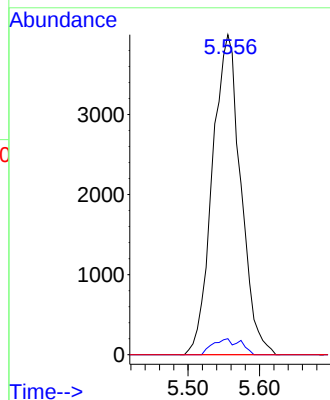
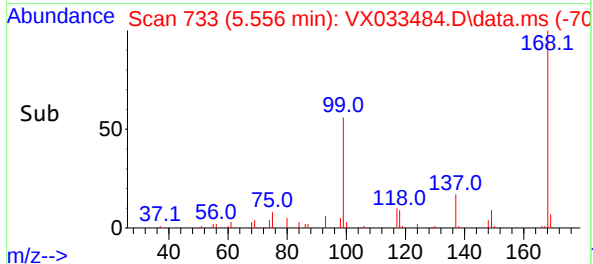


#38
Carbon Tetrachloride
Concen: 6.238 ug/l
RT: 5.556 min Scan# 711
Delta R.T. -0.122 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Instrument :
MSVOA_X
ClientSampleId :

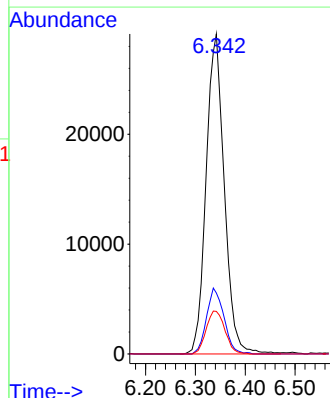
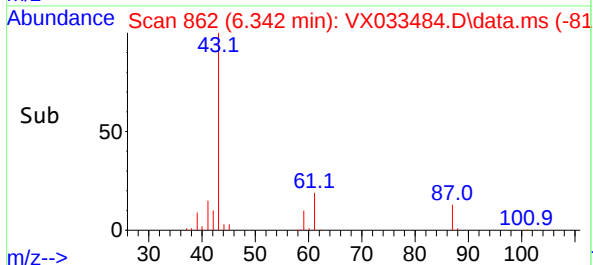
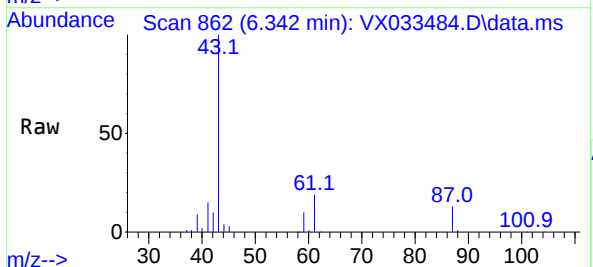


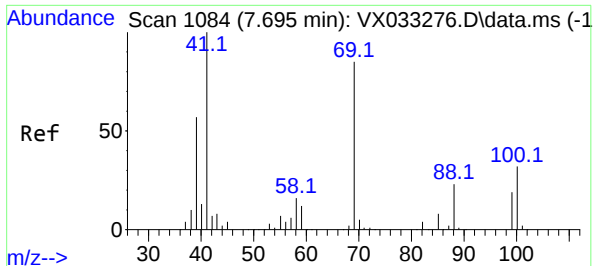
Tgt Ion:117 Resp: 11011
Ion Ratio Lower Upper
117 100
119 5.0 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 30.762 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Tgt Ion: 43 Resp: 73713
Ion Ratio Lower Upper
43 100
61 19.7 15.4 23.0
87 13.9 10.8 16.2





#48

Methyl methacrylate

Concen: 55.597 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX033484.D

Acq: 19 Dec 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

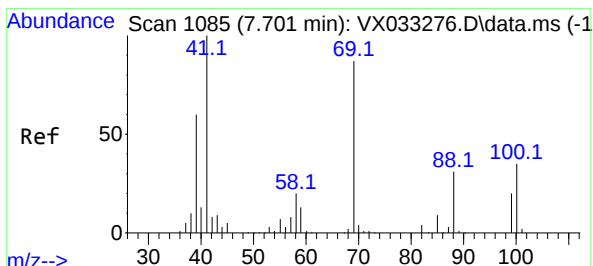
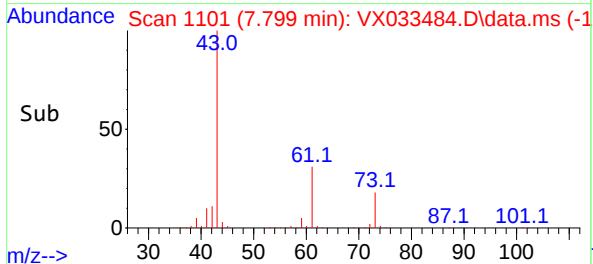
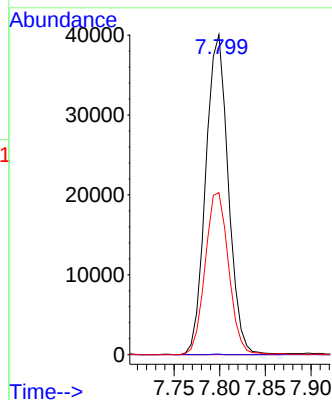
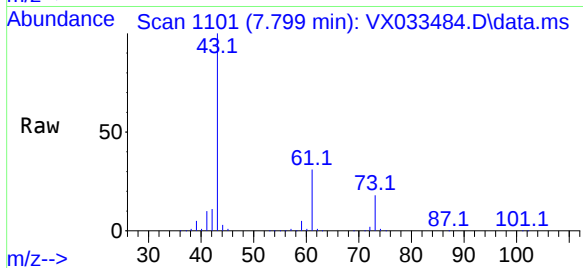
Tgt Ion: 41 Resp: 68757

Ion Ratio Lower Upper

41 100

69 0.1 65.1 97.7#

39 52.6 51.9 77.9



#49

1,4-Dioxane

Concen: 1.560 ug/l

RT: 7.793 min Scan# 1100

Delta R.T. 0.092 min

Lab File: VX033484.D

Acq: 19 Dec 2022 15:08

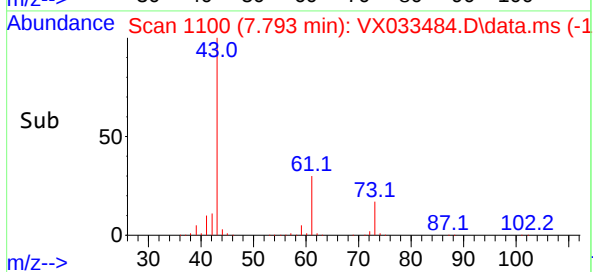
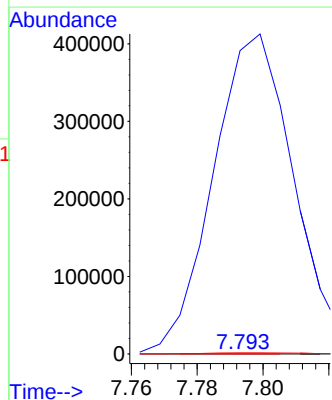
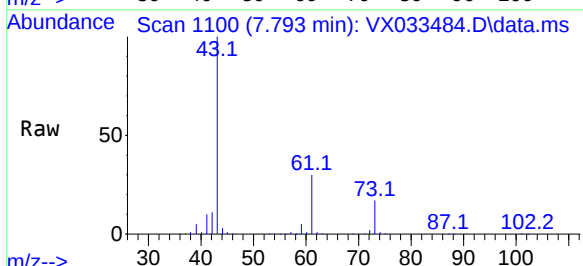
Tgt Ion: 88 Resp: 44

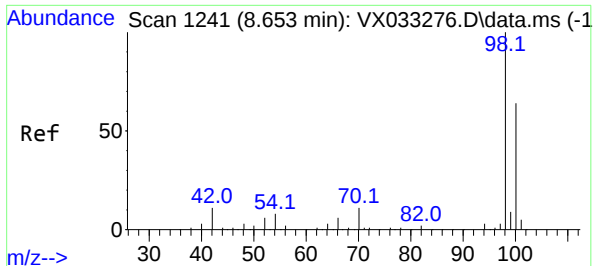
Ion Ratio Lower Upper

88 100

43 1611802.3 26.6 39.8#

58 6681.8 51.7 77.5#

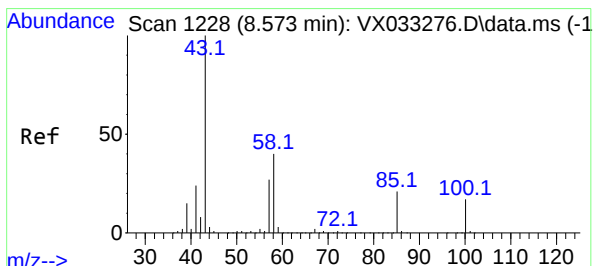
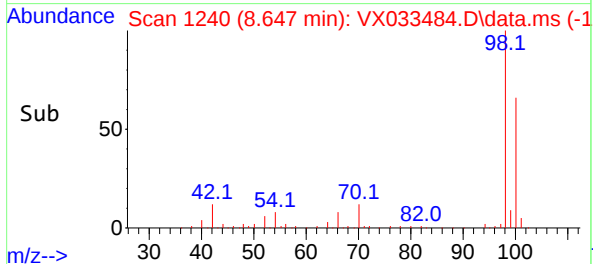
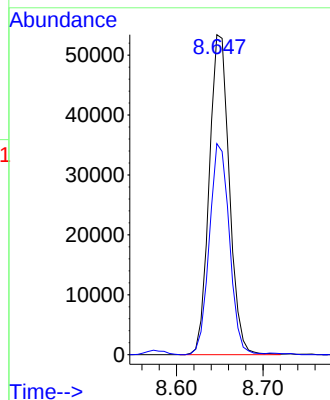
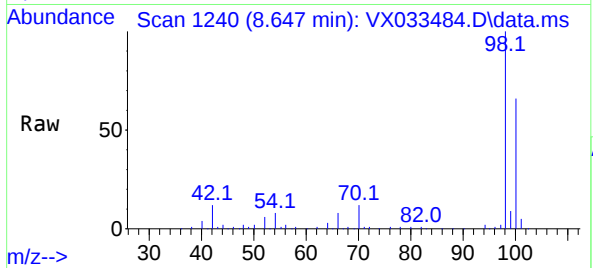




#50
Toluene-d8
Concen: 50.891 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

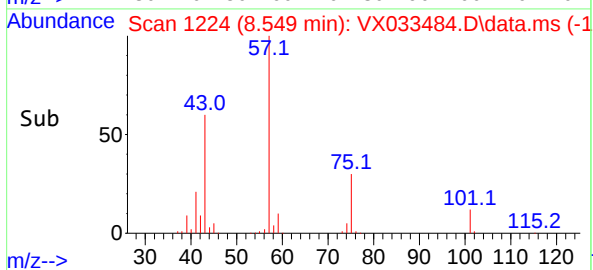
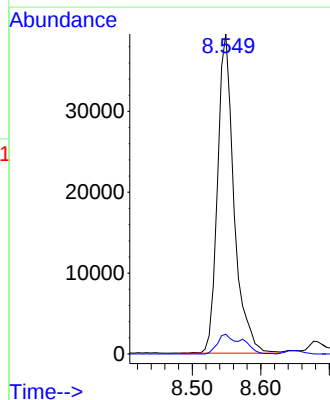
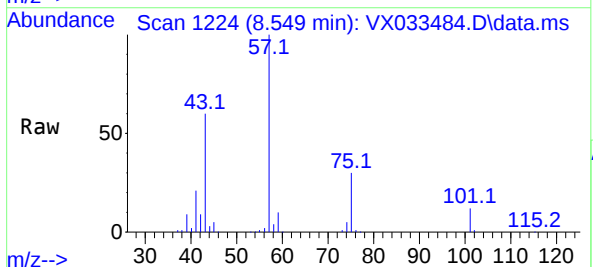
Instrument :
MSVOA_X
ClientSampleId :

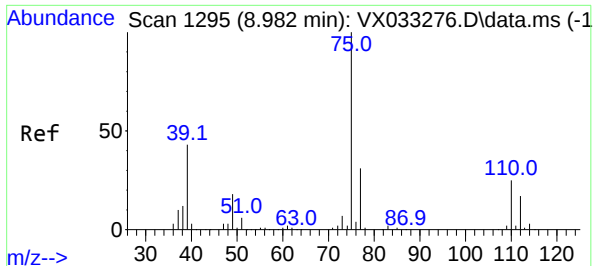
Tgt Ion: 98 Resp: 86027
Ion Ratio Lower Upper
98 100
100 65.8 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 43.247 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Tgt Ion: 43 Resp: 65534
Ion Ratio Lower Upper
43 100
58 9.4 30.9 46.3

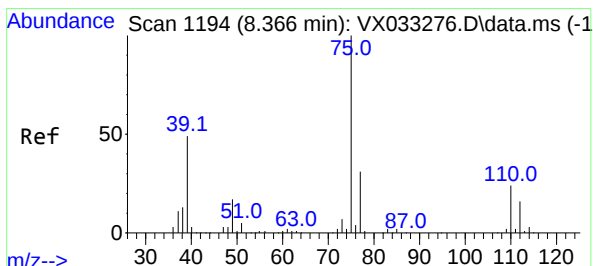
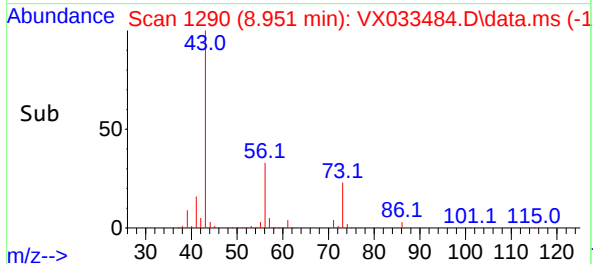
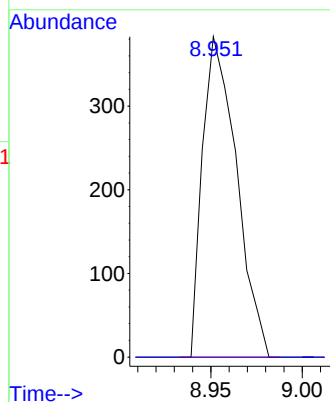
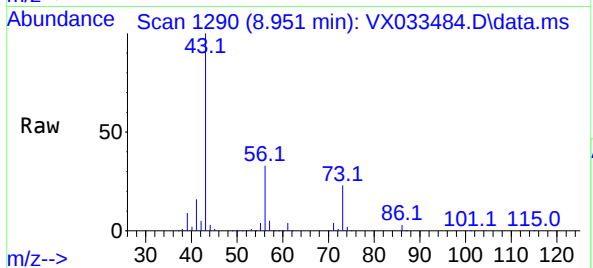




#53
t-1,3-Dichloropropene
Concen: 2.757 ug/l
RT: 8.951 min Scan# 11
Delta R.T. -0.031 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

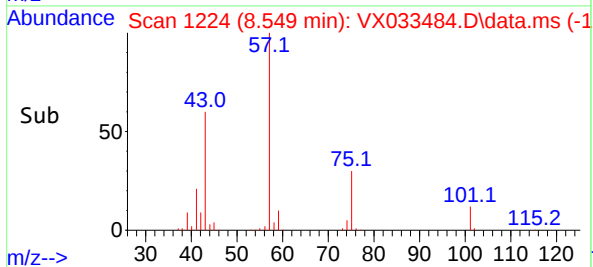
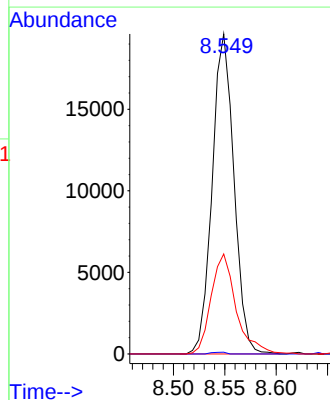
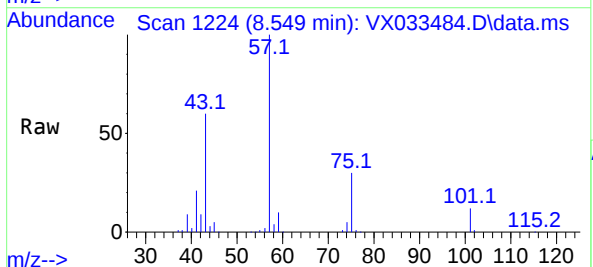
Instrument :
MSVOA_X
ClientSampleId :

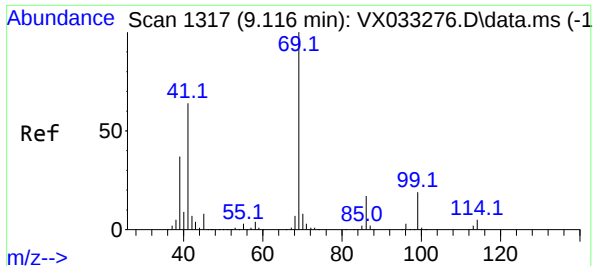
Tgt Ion: 75 Resp: 497
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 15.529 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Tgt Ion: 75 Resp: 28827
Ion Ratio Lower Upper
75 100
77 0.6 25.1 37.7#
39 31.3 45.5 68.3#





#56

Ethyl methacrylate

Concen: 0.332 ug/l

RT: 9.244 min Scan# 1

Delta R.T. 0.128 min

Lab File: VX033484.D

Acq: 19 Dec 2022 15:08

Instrument :

MSVOA_X

ClientSampleId :

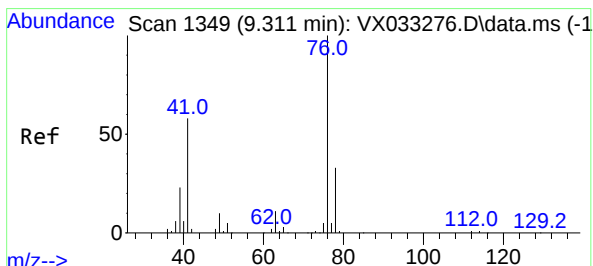
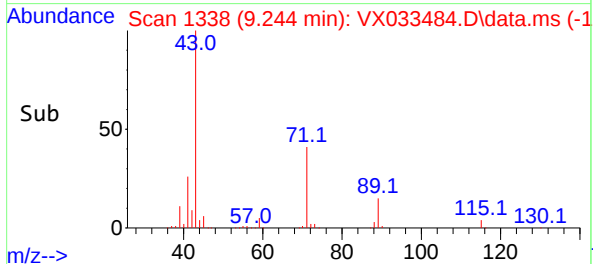
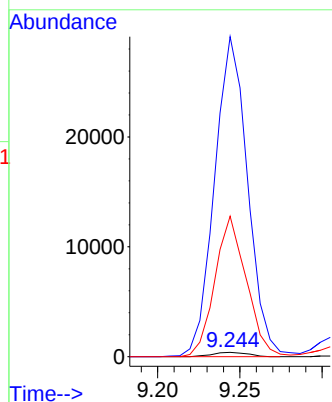
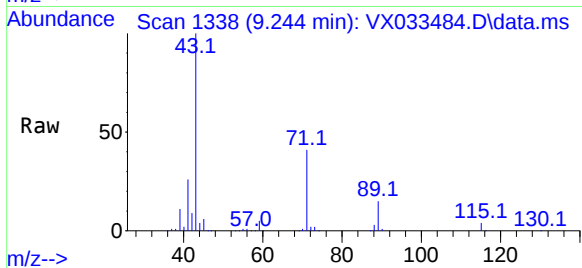
Tgt Ion: 69 Resp: 583

Ion Ratio Lower Upper

69 100

41 7025.7 54.3 81.5#

39 2922.1 35.2 52.8#



#57

1,3-Dichloropropane

Concen: 1.871 ug/l

RT: 9.482 min Scan# 1377

Delta R.T. 0.171 min

Lab File: VX033484.D

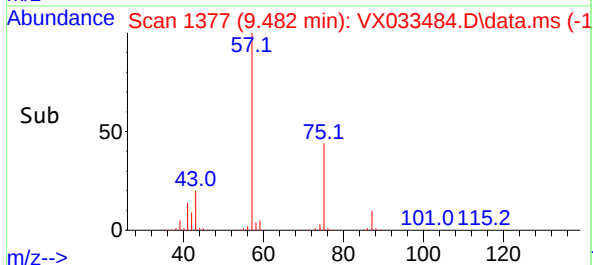
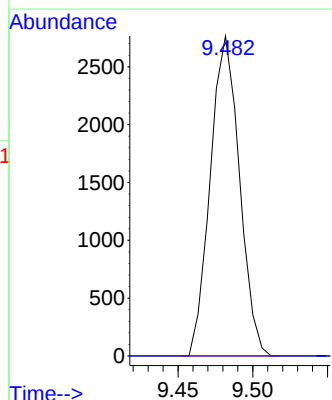
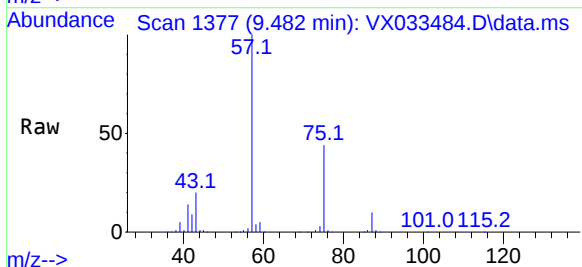
Acq: 19 Dec 2022 15:08

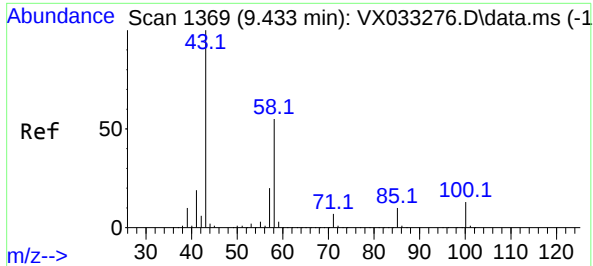
Tgt Ion: 76 Resp: 3753

Ion Ratio Lower Upper

76 100

78 0.0 26.0 39.0#

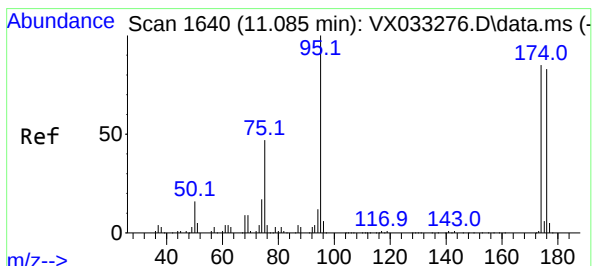
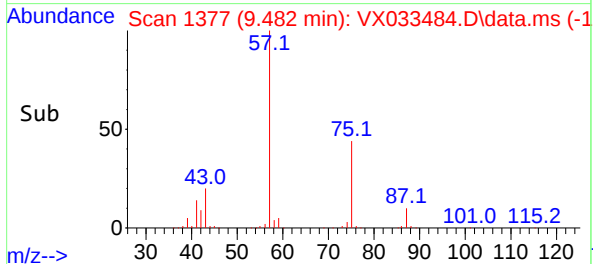
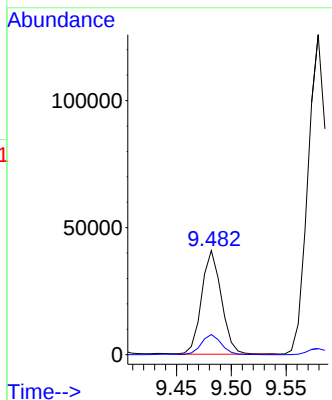
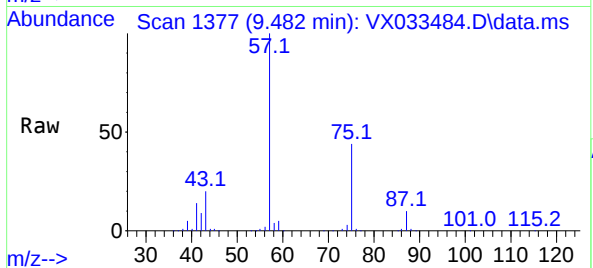




#59
2-Hexanone
Concen: 45.922 ug/l
RT: 9.482 min Scan# 11
Delta R.T. 0.049 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

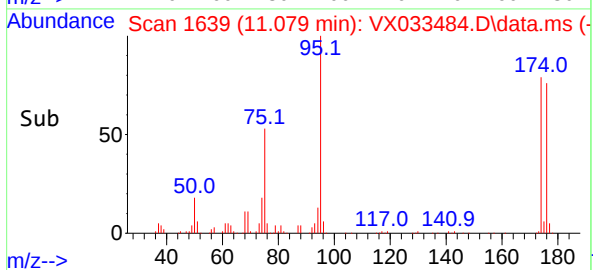
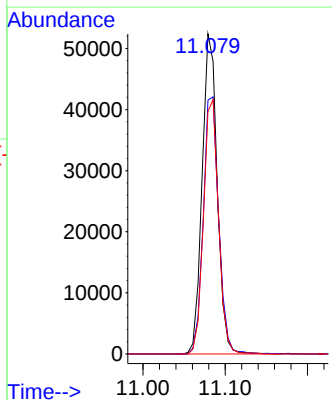
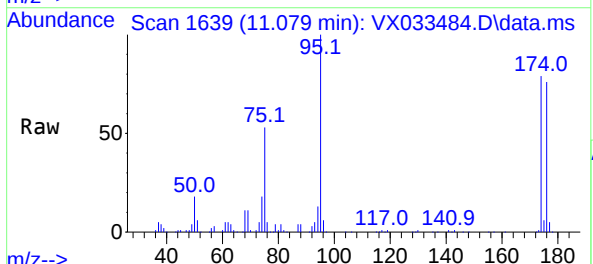
Instrument :
MSVOA_X
ClientSampleId :

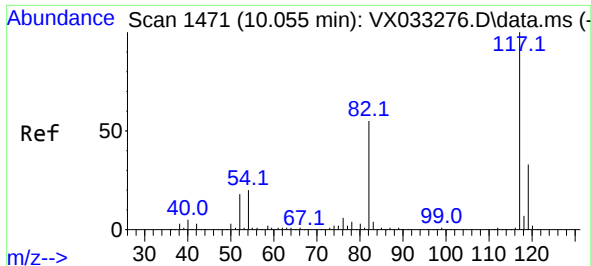
Tgt Ion: 43 Resp: 51281
Ion Ratio Lower Upper
43 100
58 19.8 26.5 79.5#



#62
4-Bromofluorobenzene
Concen: 51.644 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Tgt Ion: 95 Resp: 66751
Ion Ratio Lower Upper
95 100
174 82.3 0.0 164.0
176 79.2 0.0 154.4

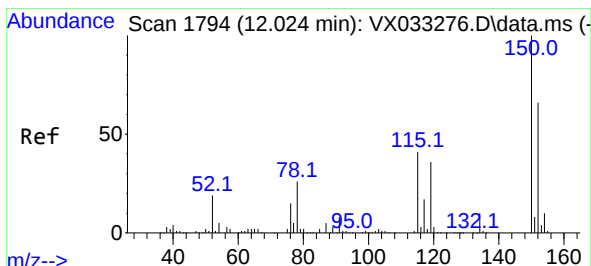
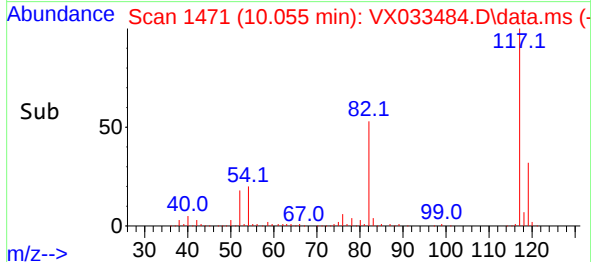
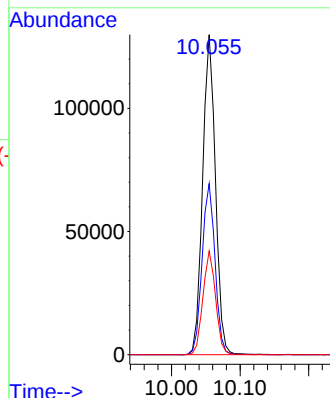
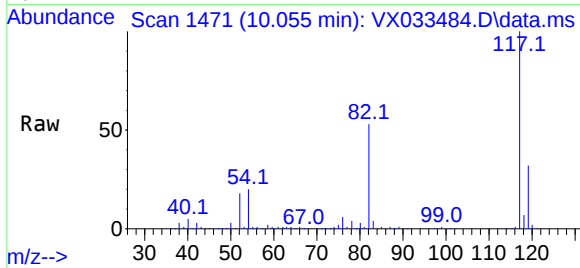




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

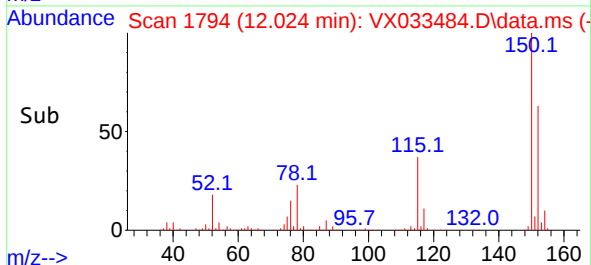
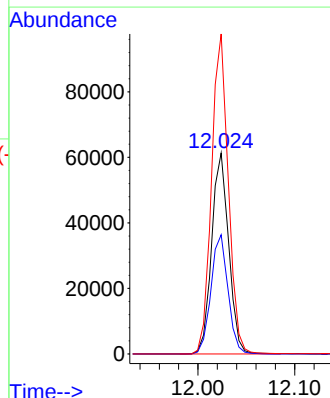
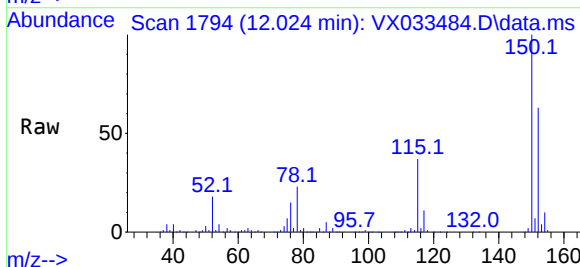
Instrument :
MSVOA_X
ClientSampleId :

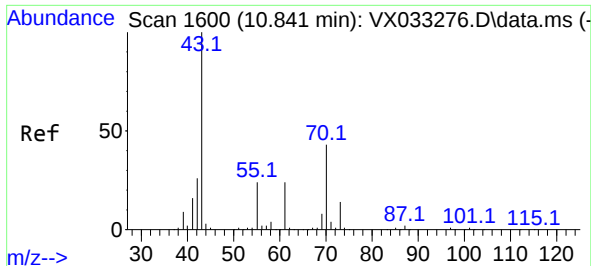
Tgt Ion:117 Resp: 169296
Ion Ratio Lower Upper
117 100
82 53.5 44.3 66.5
119 32.4 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

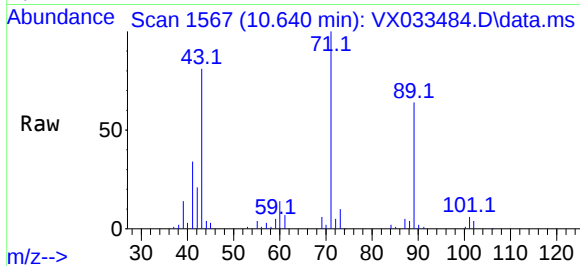
Tgt Ion:152 Resp: 75183
Ion Ratio Lower Upper
152 100
115 59.3 44.0 132.0
150 156.7 0.0 351.8



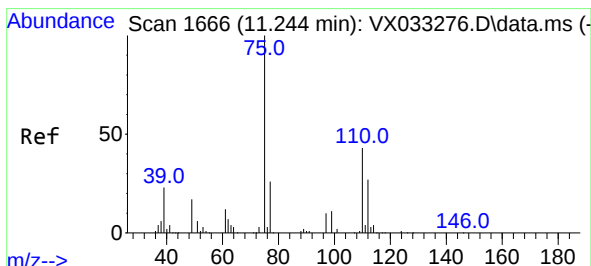
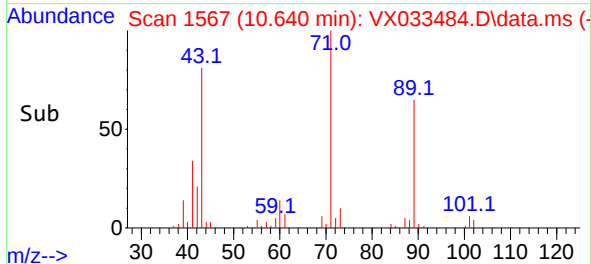
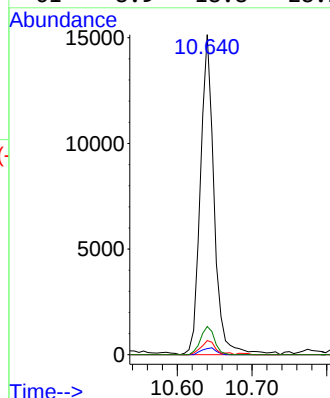


#74
N-amy1 acetate
Concen: 10.391 ug/l
RT: 10.640 min Scan# 1639
Delta R.T. -0.201 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Instrument :
MSVOA_X
ClientSampleId :

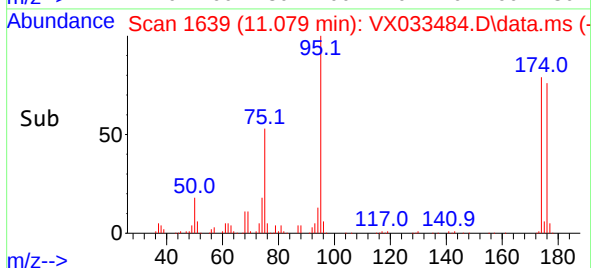
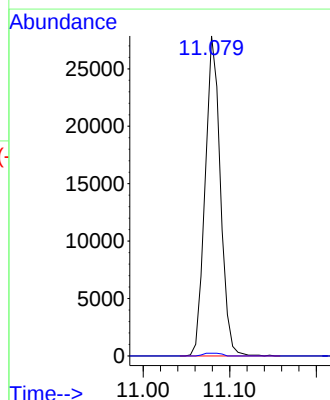
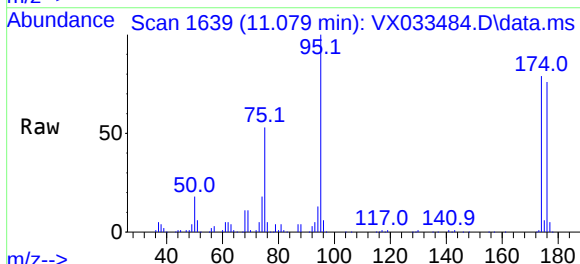


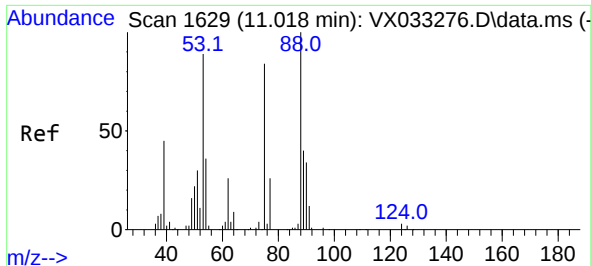
Tgt Ion: 43	Resp: 19320
Ion Ratio	Lower Upper
43 100	
70 2.2	33.6 50.4#
55 4.7	19.4 29.2#
61 8.9	18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 22.259 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.165 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

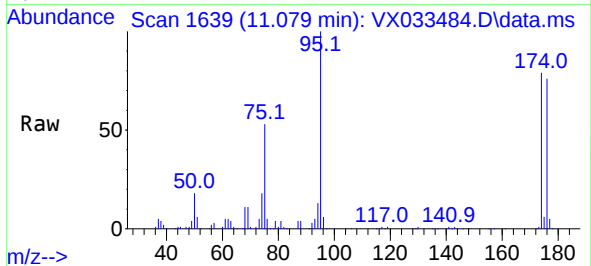
Tgt Ion: 75	Resp: 34048		
Ion Ratio	Lower	Upper	
75 100			
77 1.0	20.0	60.0#	





#81
trans-1,4-Dichloro-2-butene
Concen: 69.242 ug/l
RT: 11.079 min Scan# 10
Delta R.T. 0.061 min
Lab File: VX033484.D
Acq: 19 Dec 2022 15:08

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 34048
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

