

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX121922\
 Data File : VX033483.D
 Acq On : 19 Dec 2022 14:45
 Operator : JC/MD
 Sample : PB149722ZHE#12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 20 05:01:02 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

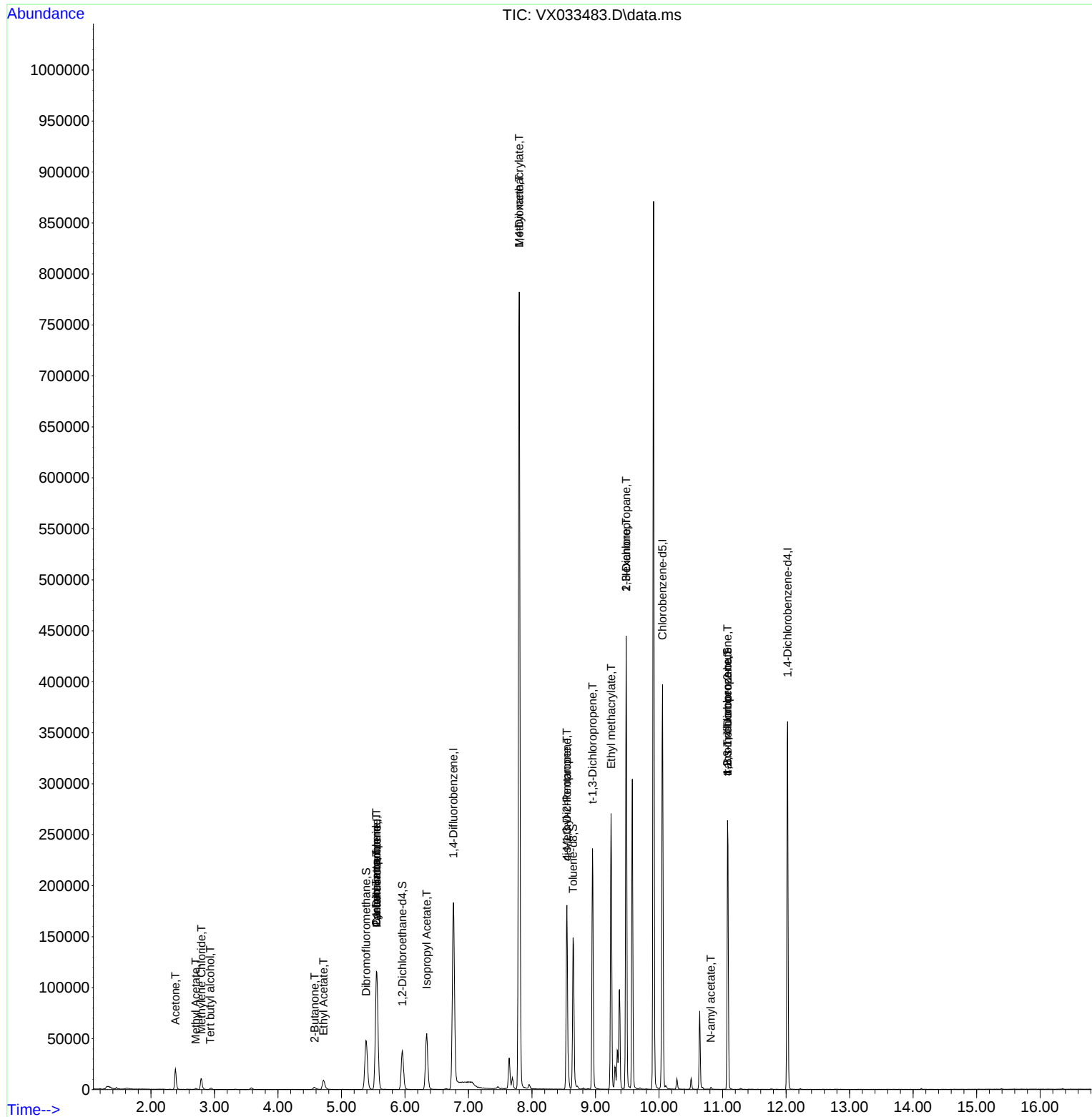
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	114403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	187435	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	177072	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	78844	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	37956	51.716	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	= 103.440%	
35) Dibromofluoromethane	5.385	113	42811	50.781	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.560%	
50) Toluene-d8	8.647	98	90009	51.037	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	= 102.080%	
62) 4-Bromofluorobenzene	11.079	95	69628	51.634	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 103.260%	
Target Compounds						Qvalue
11) Tert butyl alcohol	2.934	59	984	4.385	ug/l #	72
16) Acetone	2.386	43	23259	42.827	ug/l	95
18) Methyl Acetate	2.703	43	1340	0.852	ug/l	99
20) Methylene Chloride	2.794	84	5487	4.530	ug/l	91
25) 2-Butanone	4.574	43	4007	5.140	ug/l	93
31) Cyclohexane	5.550	56	2099	1.203	ug/l #	1
36) 1,1-Dichloropropene	5.550	75	8506	5.175	ug/l #	50
37) Ethyl Acetate	4.714	43	16754	10.783	ug/l	98
38) Carbon Tetrachloride	5.550	117	11380	6.180	ug/l #	16
43) Isopropyl Acetate	6.342	43	73760	29.505	ug/l	99
48) Methyl methacrylate	7.799	41	68747	53.283	ug/l #	42
49) 1,4-Dioxane	7.799	88	71	2.413	ug/l #	1
51) 4-Methyl-2-Pentanone	8.549	43	64230	40.628	ug/l #	53
53) t-1,3-Dichloropropene	8.951	75	535	2.765	ug/l #	43
54) cis-1,3-Dichloropropene	8.549	75	28271	14.598	ug/l #	59
56) Ethyl methacrylate	9.244	69	587	0.320	ug/l #	1
57) 1,3-Dichloropropane	9.482	76	3813	1.822	ug/l #	42
59) 2-Hexanone	9.482	43	51395	44.114	ug/l #	52
74) N-amyl acetate	10.817	43	622	0.319	ug/l #	43
76) 1,2,3-Trichloropropane	11.079	75	35629	22.211	ug/l #	37
81) trans-1,4-Dichloro-2-b...	11.079	75	35629	69.092	ug/l #	6

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

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ClientSampleId :

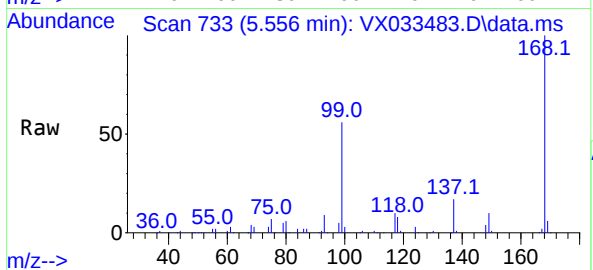
Quant Time: Dec 20 05:01:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X120722W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 07 12:43:54 2022
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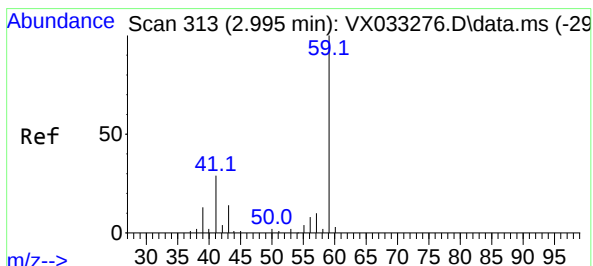
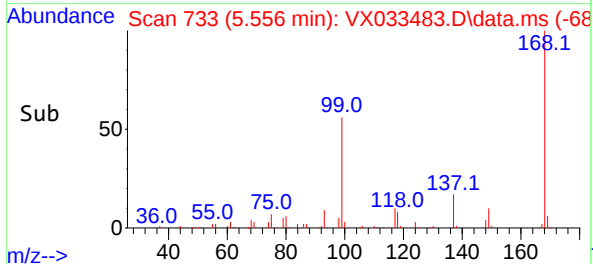
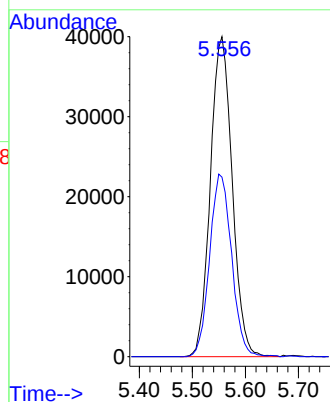


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Instrument :
MSVOA_X
ClientSampleId :

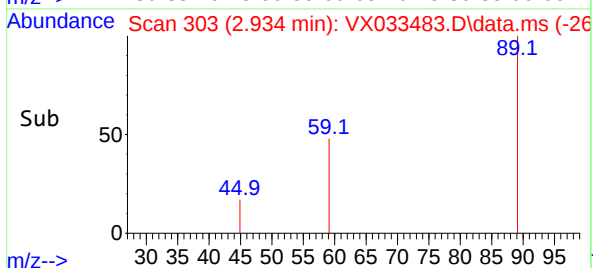
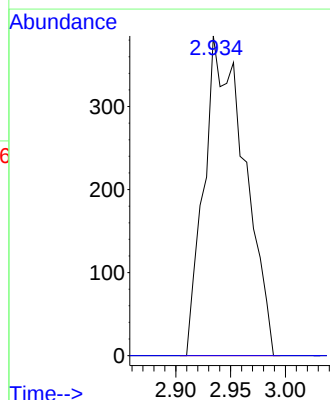
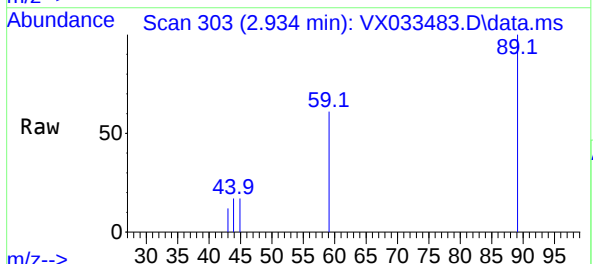


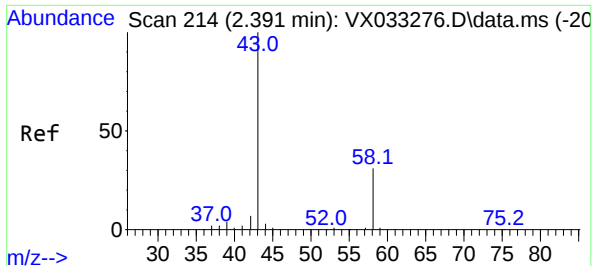
Tgt Ion:168 Resp: 114403
Ion Ratio Lower Upper
168 100
99 56.1 46.1 69.1



#11
Tert butyl alcohol
Concen: 4.385 ug/l
RT: 2.934 min Scan# 303
Delta R.T. -0.061 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Tgt Ion: 59 Resp: 984
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

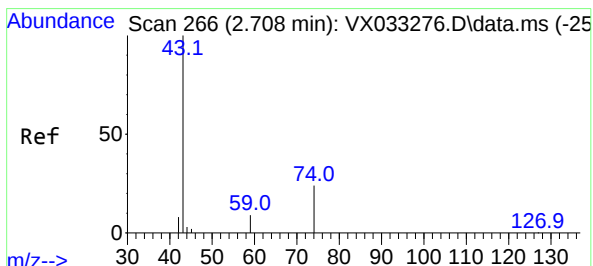
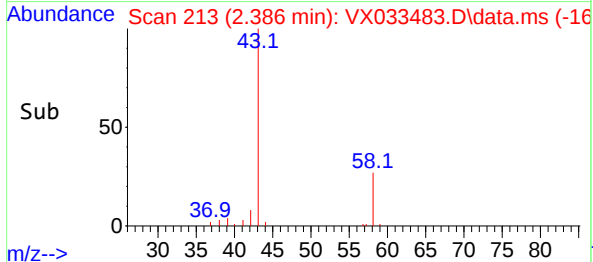
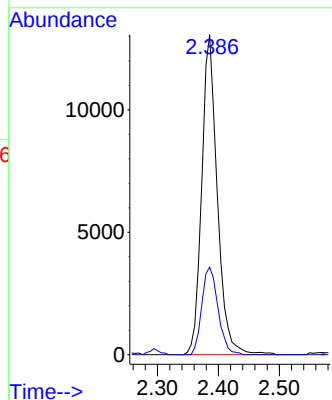
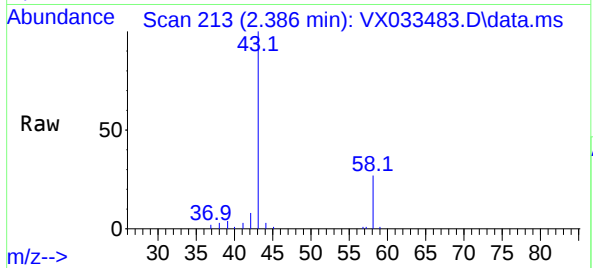




#16
Acetone
Concen: 42.827 ug/l
RT: 2.386 min Scan# 214
Delta R.T. -0.006 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

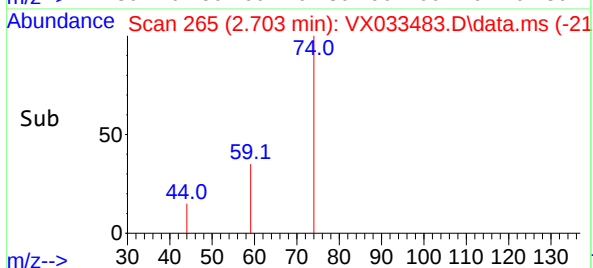
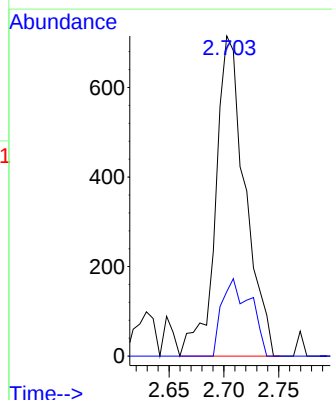
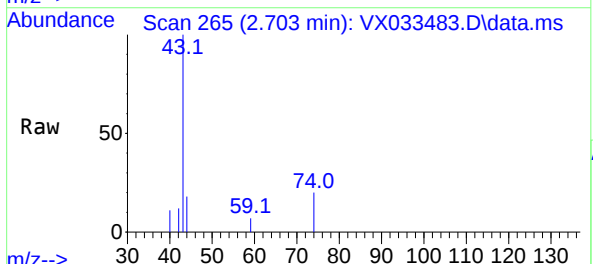
Instrument :
MSVOA_X
ClientSampleId :

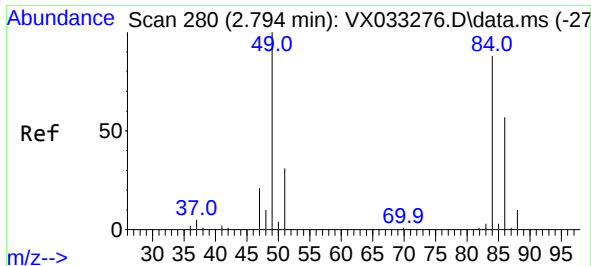
Tgt Ion: 43 Resp: 23259
Ion Ratio Lower Upper
43 100
58 27.3 23.8 35.8



#18
Methyl Acetate
Concen: 0.852 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

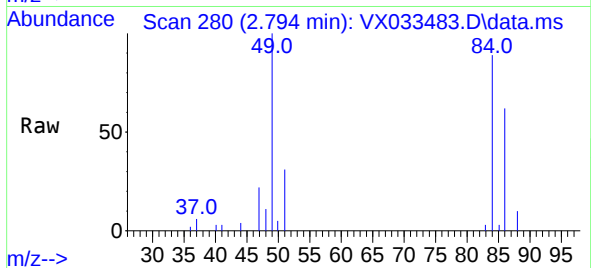
Tgt Ion: 43 Resp: 1340
Ion Ratio Lower Upper
43 100
74 23.5 19.4 29.0





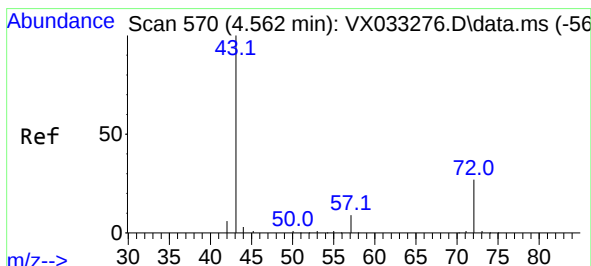
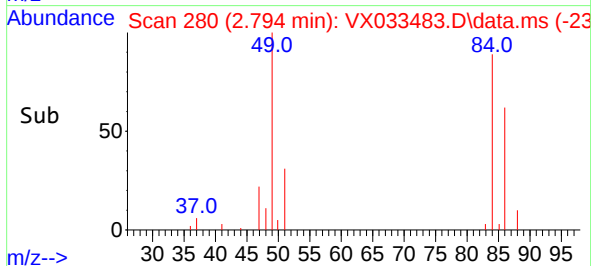
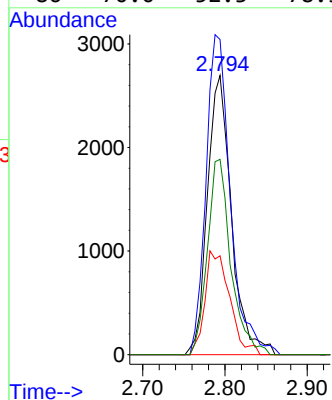
#20
Methylene Chloride
Concen: 4.530 ug/l
RT: 2.794 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 84 Resp: 5487

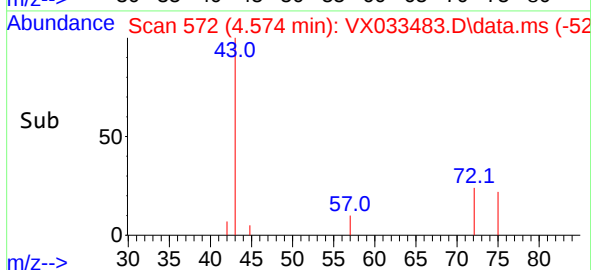
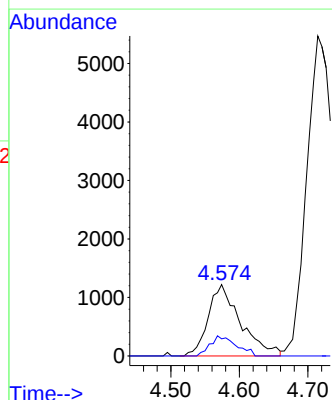
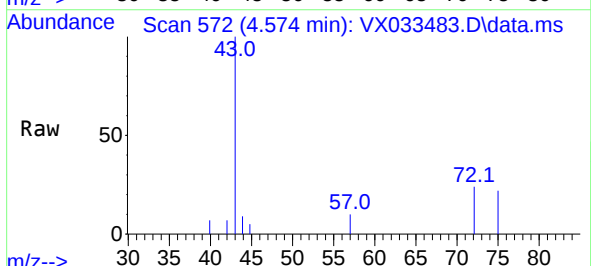
Ion	Ratio	Lower	Upper
84	100		
49	112.9	101.0	151.6
51	35.4	31.1	46.7
86	70.0	52.3	78.5

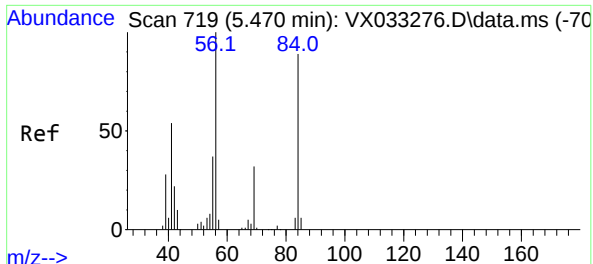


#25
2-Butanone
Concen: 5.140 ug/l
RT: 4.574 min Scan# 572
Delta R.T. 0.012 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Tgt Ion: 43 Resp: 4007

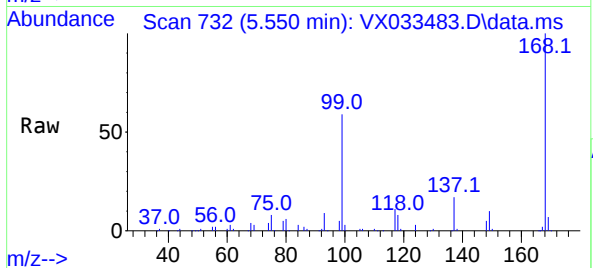
Ion	Ratio	Lower	Upper
43	100		
72	23.9	22.2	33.2



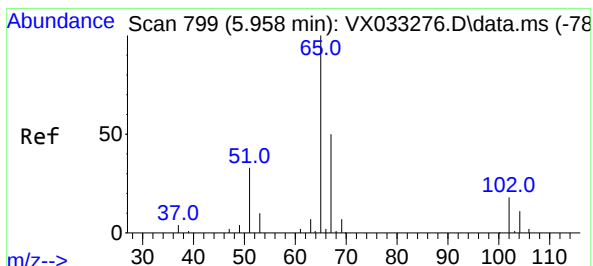
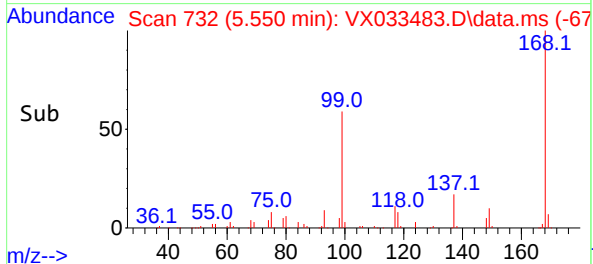
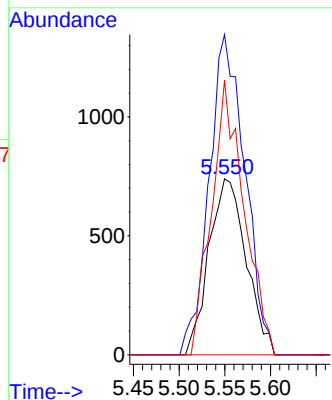


#31
Cyclohexane
Concen: 1.203 ug/l
RT: 5.550 min Scan# 719
Delta R.T. 0.079 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Instrument :
MSVOA_X
ClientSampleId :

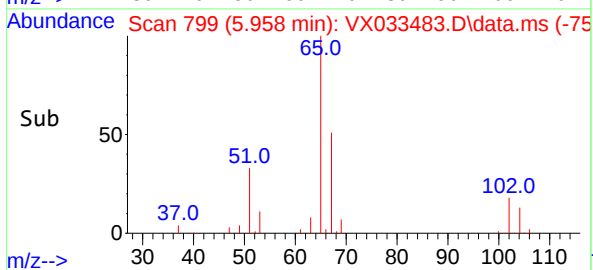
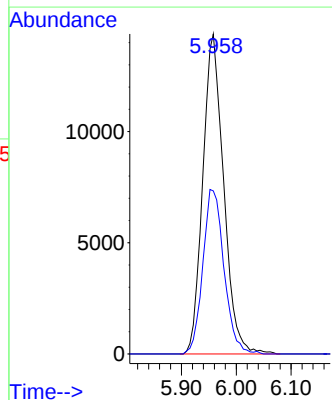
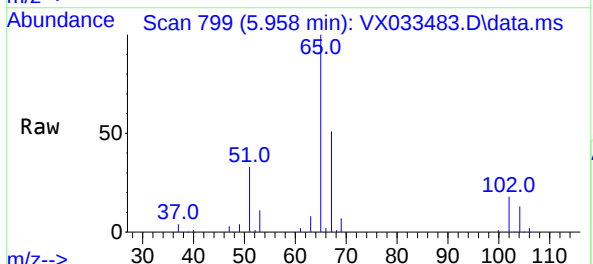


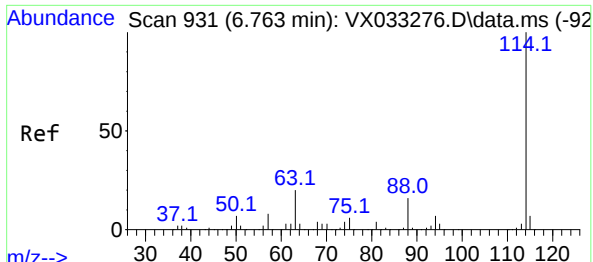
Tgt Ion: 56 Resp: 2099
Ion Ratio Lower Upper
56 100
69 181.9 24.1 36.1#
84 155.9 66.9 100.3#



#33
1,2-Dichloroethane-d4
Concen: 51.716 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

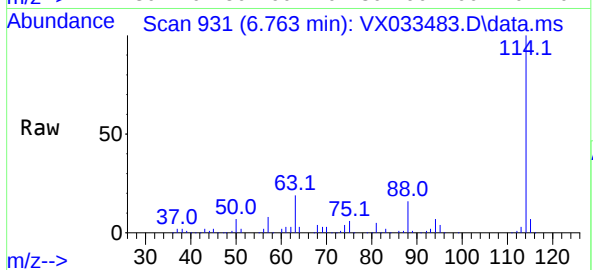
Tgt Ion: 65 Resp: 37956
Ion Ratio Lower Upper
65 100
67 52.2 0.0 101.8



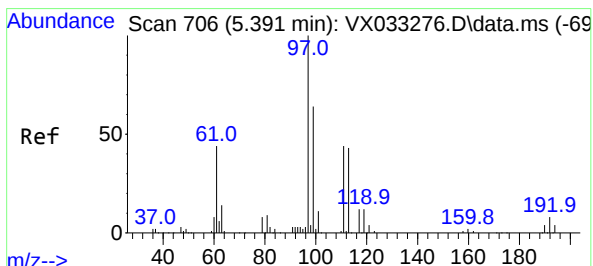
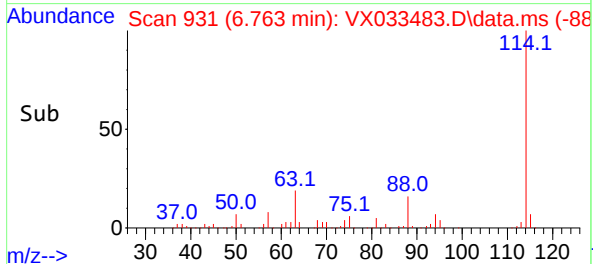
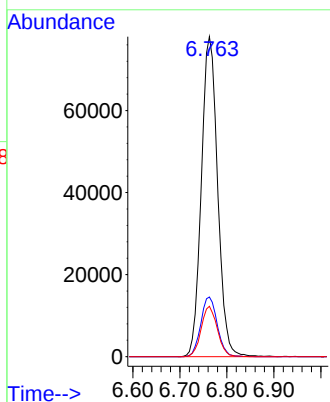


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Instrument :
MSVOA_X
ClientSampleId :

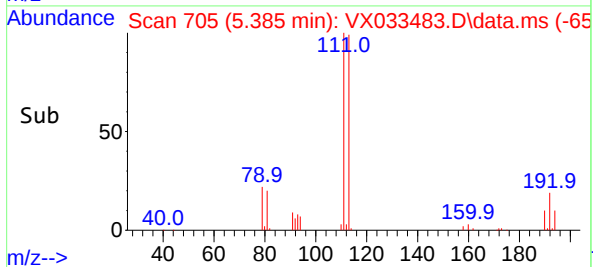
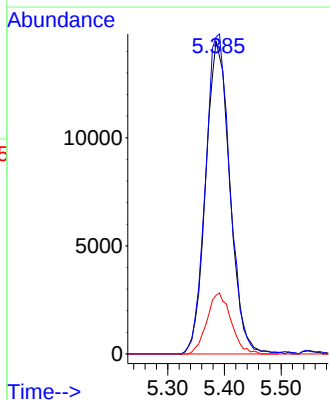
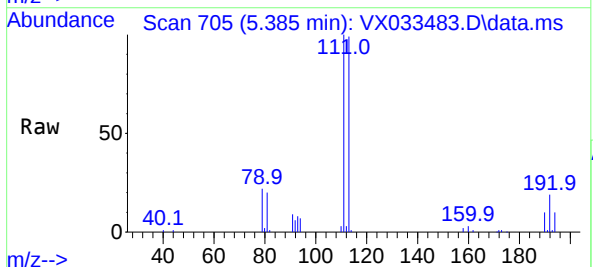


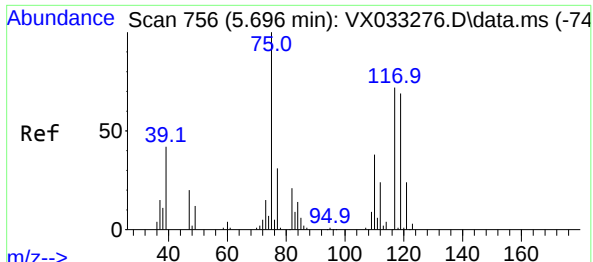
Tgt Ion:114 Resp: 187435
Ion Ratio Lower Upper
114 100
63 18.7 0.0 41.6
88 15.8 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.781 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Tgt Ion:113 Resp: 42811
Ion Ratio Lower Upper
113 100
111 103.6 82.4 123.6
192 19.4 15.4 23.2





#36

1,1-Dichloropropene

Concen: 5.175 ug/l

RT: 5.550 min Scan# 71

Delta R.T. -0.146 min

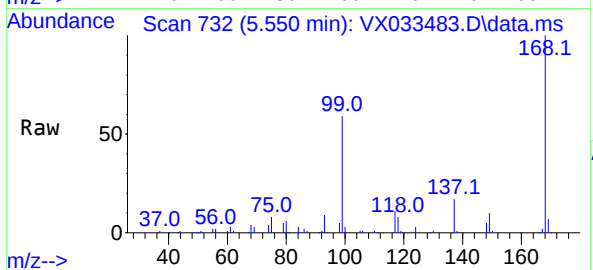
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Acq: 19 Dec 2022 14:45

Instrument :

MSVOA_X

ClientSampleId :



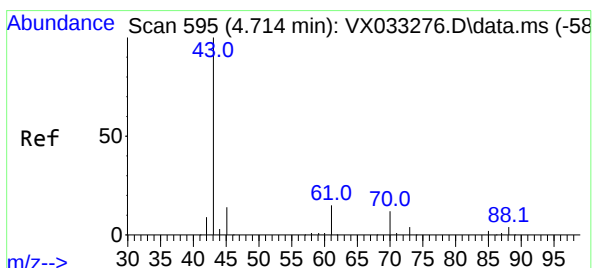
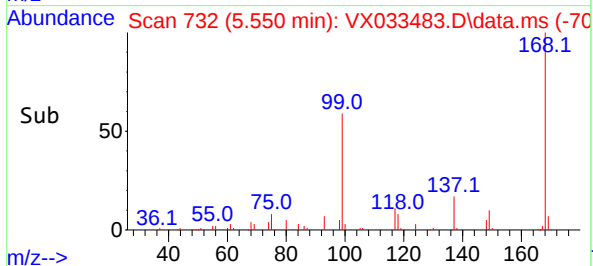
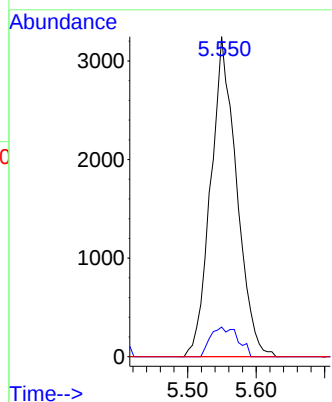
Tgt Ion: 75 Resp: 8506

Ion Ratio Lower Upper

75 100

110 9.9 18.4 55.2#

77 0.0 24.5 36.7#



#37

Ethyl Acetate

Concen: 10.783 ug/l

RT: 4.714 min Scan# 595

Delta R.T. 0.000 min

Lab File: VX033483.D

Acq: 19 Dec 2022 14:45

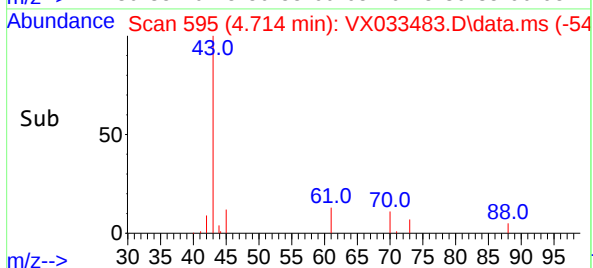
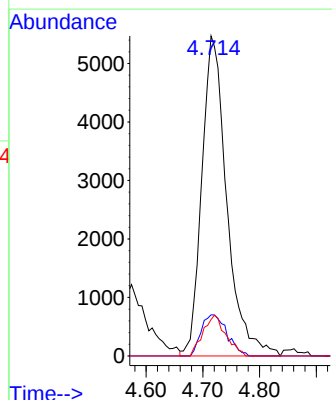
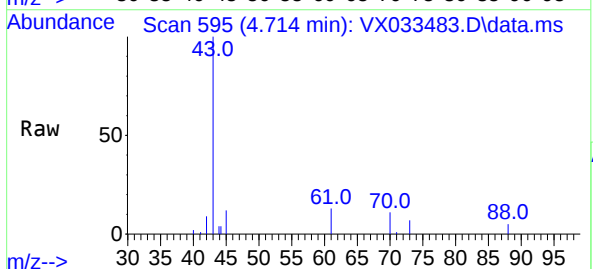
Tgt Ion: 43 Resp: 16754

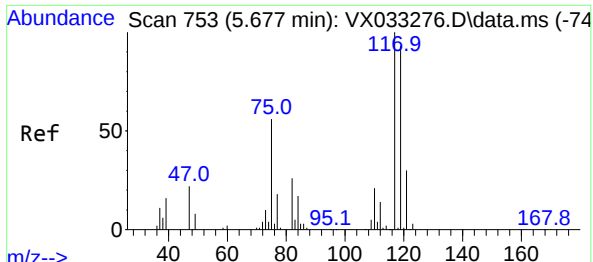
Ion Ratio Lower Upper

43 100

61 13.2 11.5 17.3

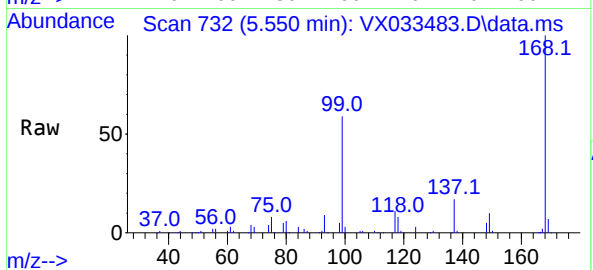
70 11.6 9.1 13.7



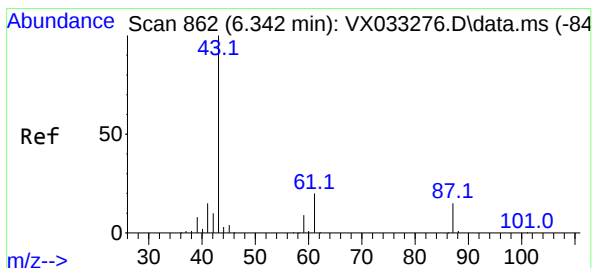
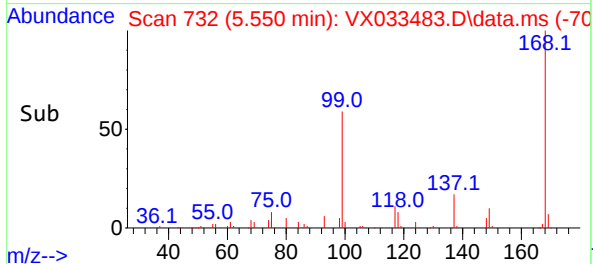
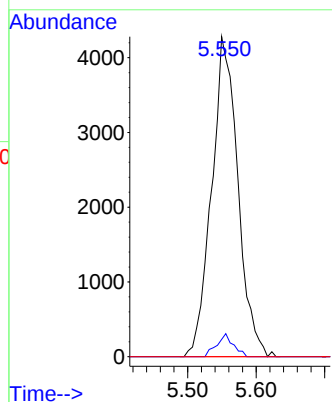


#38
Carbon Tetrachloride
Concen: 6.180 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.128 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Instrument :
MSVOA_X
ClientSampleId :

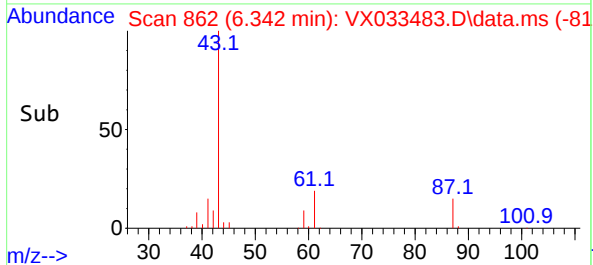
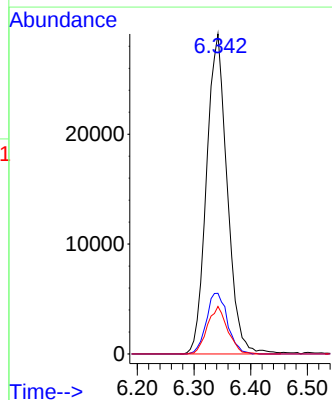
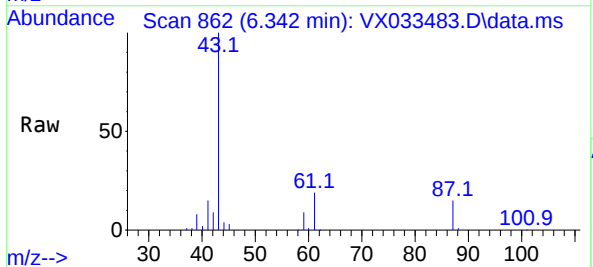


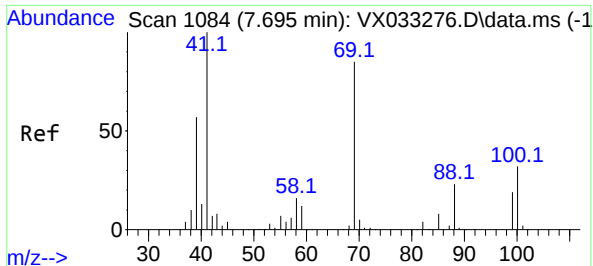
Tgt Ion:117 Resp: 11380
Ion Ratio Lower Upper
117 100
119 5.4 77.2 115.8#
121 0.0 25.8 38.6#



#43
Isopropyl Acetate
Concen: 29.505 ug/l
RT: 6.342 min Scan# 862
Delta R.T. 0.000 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Tgt Ion: 43 Resp: 73760
Ion Ratio Lower Upper
43 100
61 19.4 15.4 23.0
87 14.5 10.8 16.2





#48

Methyl methacrylate

Concen: 53.283 ug/l

RT: 7.799 min Scan# 1101

Delta R.T. 0.104 min

Lab File: VX033483.D

Acq: 19 Dec 2022 14:45

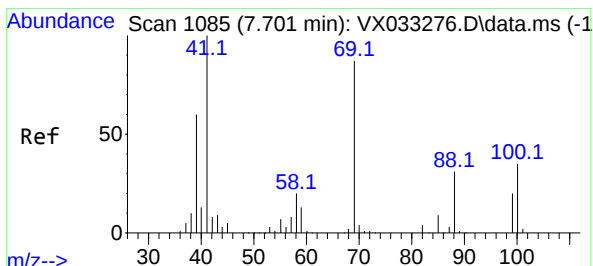
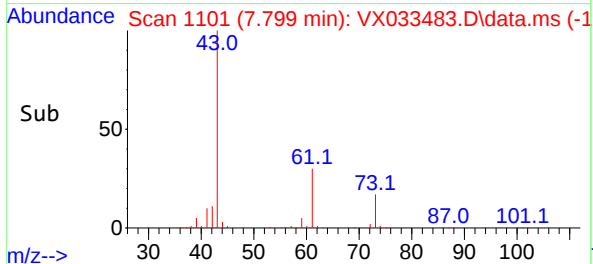
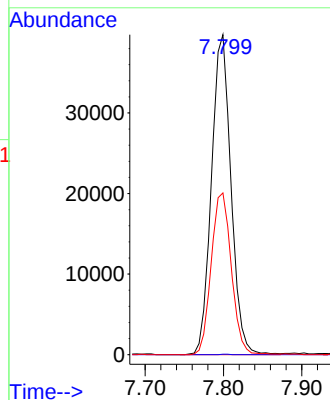
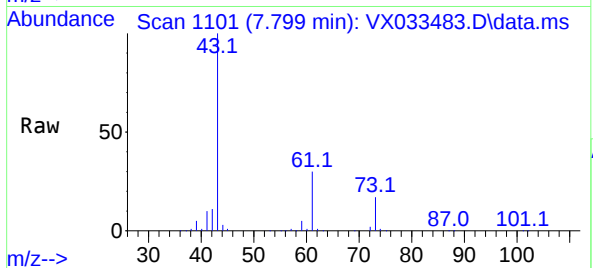
Instrument :

MSVOA_X

ClientSampleId :

Tgt Ion: 41 Resp: 68747

Ion	Ratio	Lower	Upper
41	100		
69	0.1	65.1	97.7#
39	52.1	51.9	77.9



#49

1,4-Dioxane

Concen: 2.413 ug/l

RT: 7.799 min Scan# 1101

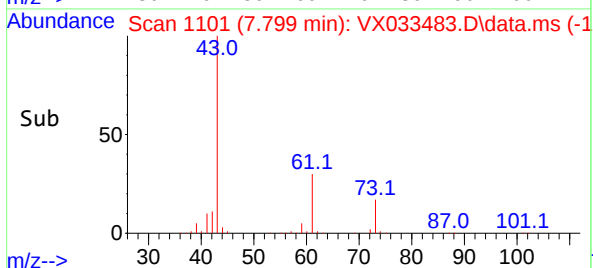
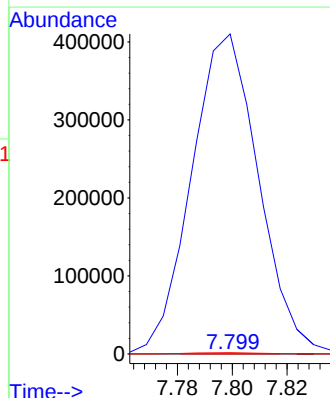
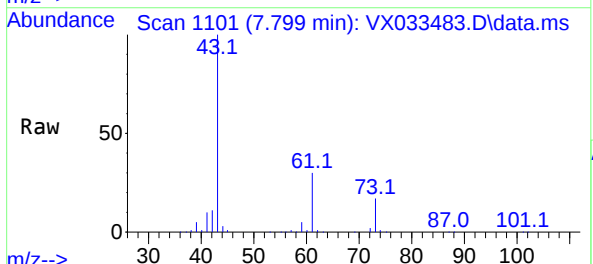
Delta R.T. 0.098 min

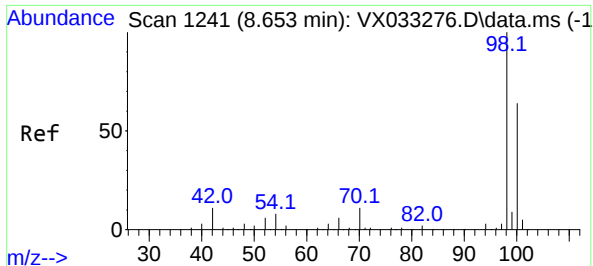
Lab File: VX033483.D

Acq: 19 Dec 2022 14:45

Tgt Ion: 88 Resp: 71

Ion	Ratio	Lower	Upper
88	100		
43	991174.6	26.6	39.8#
58	4159.2	51.7	77.5#

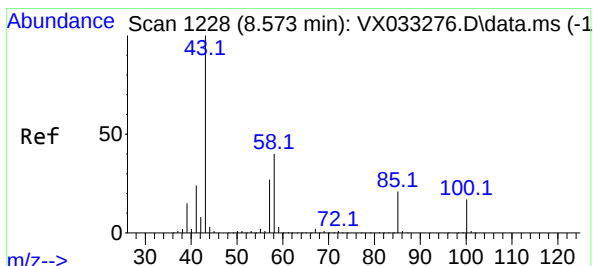
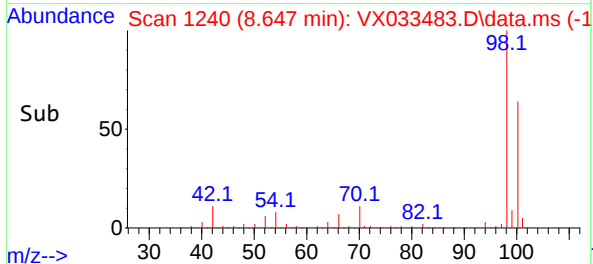
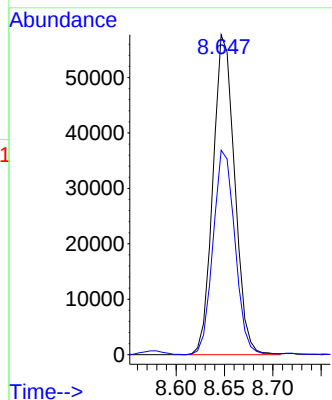
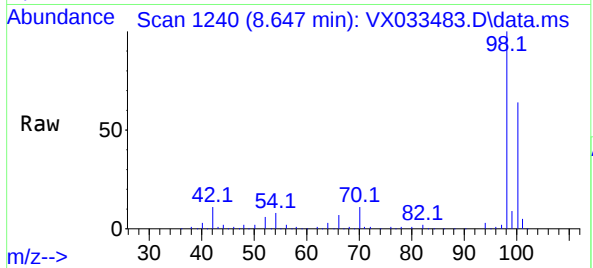




#50
Toluene-d8
Concen: 51.037 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

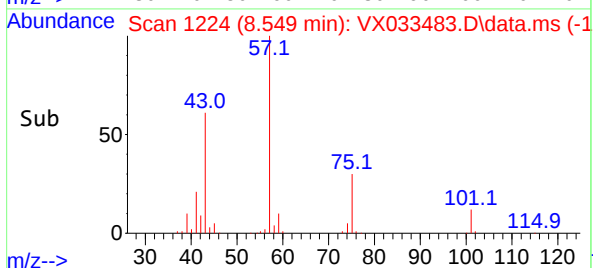
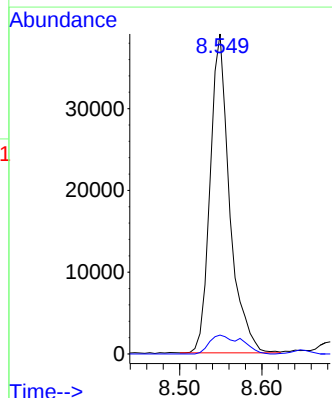
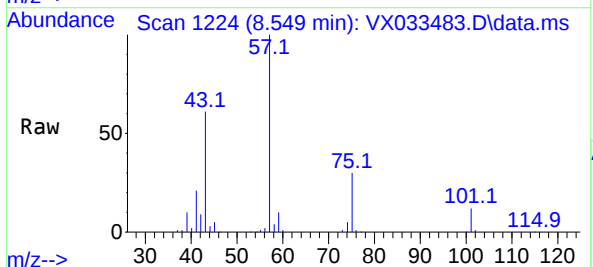
Instrument :
MSVOA_X
ClientSampleId :

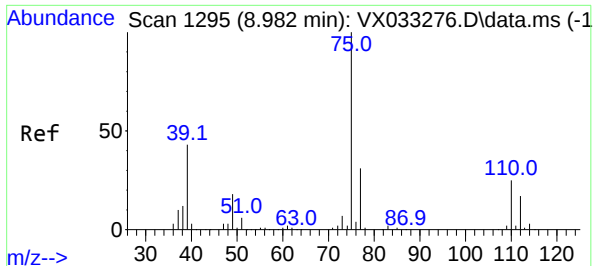
Tgt Ion: 98 Resp: 90009
Ion Ratio Lower Upper
98 100
100 64.5 50.9 76.3



#51
4-Methyl-2-Pentanone
Concen: 40.628 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. -0.024 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Tgt Ion: 43 Resp: 64230
Ion Ratio Lower Upper
43 100
58 9.8 30.9 46.3

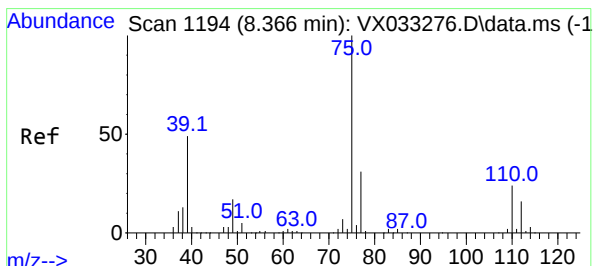
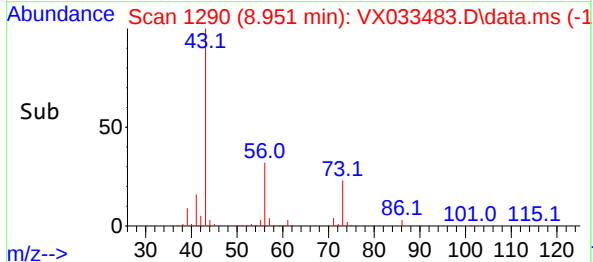
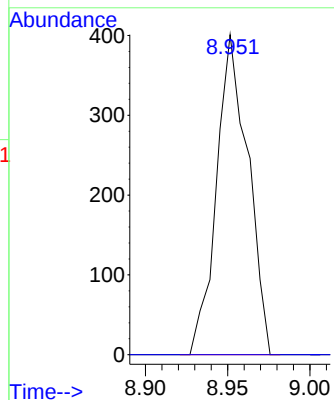
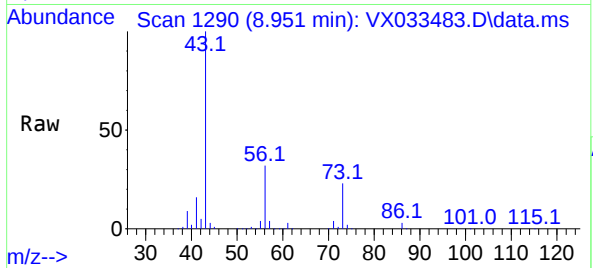




#53
t-1,3-Dichloropropene
Concen: 2.765 ug/l
RT: 8.951 min Scan# 1111
Delta R.T. -0.031 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

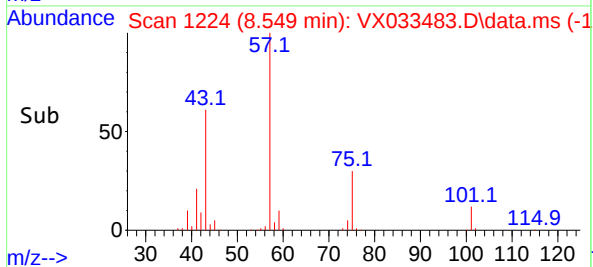
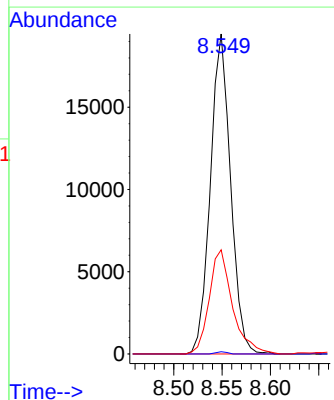
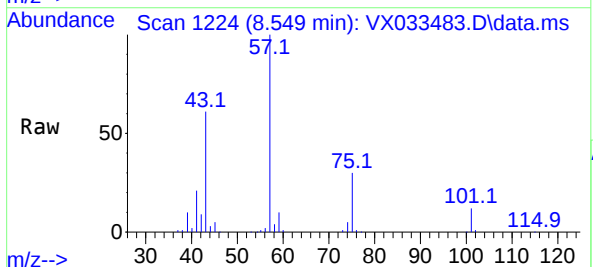
Instrument :
MSVOA_X
ClientSampleId :

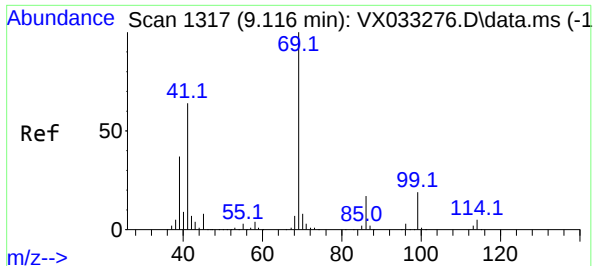
Tgt Ion: 75 Resp: 535
Ion Ratio Lower Upper
75 100
77 0.0 25.1 37.7#



#54
cis-1,3-Dichloropropene
Concen: 14.598 ug/l
RT: 8.549 min Scan# 1224
Delta R.T. 0.183 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Tgt Ion: 75 Resp: 28271
Ion Ratio Lower Upper
75 100
77 0.7 25.1 37.7#
39 32.6 45.5 68.3#

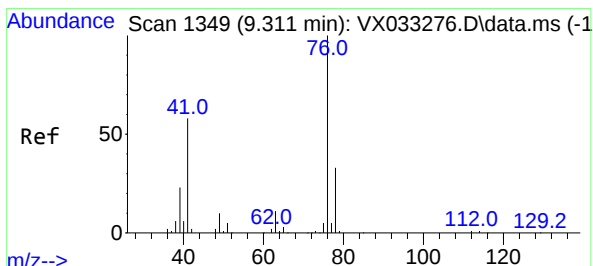
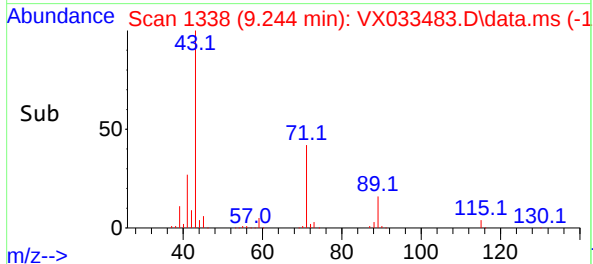
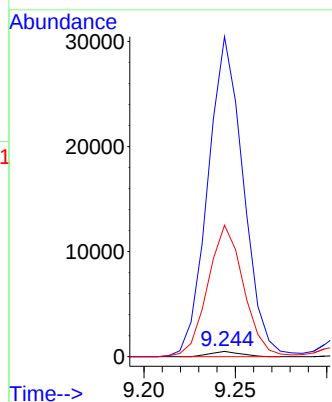
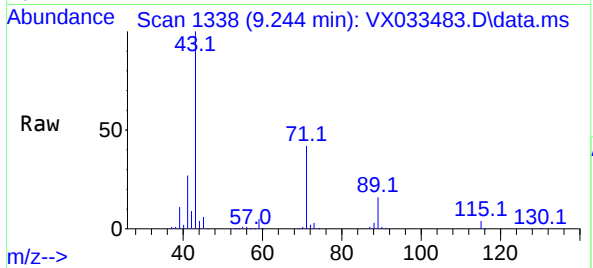




#56
Ethyl methacrylate
Concen: 0.320 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.128 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

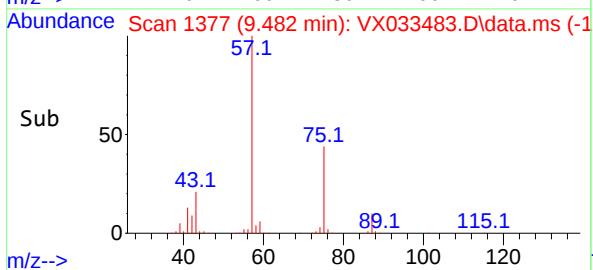
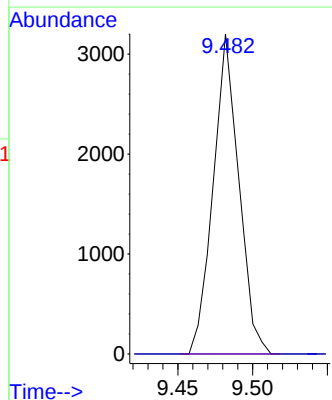
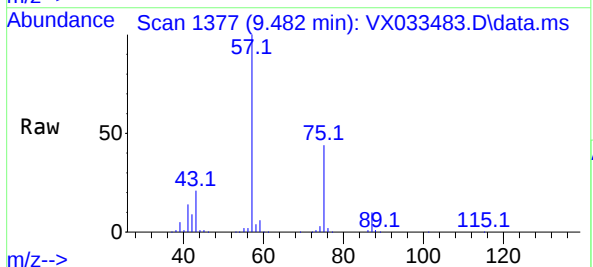
Instrument :
MSVOA_X
ClientSampleId :

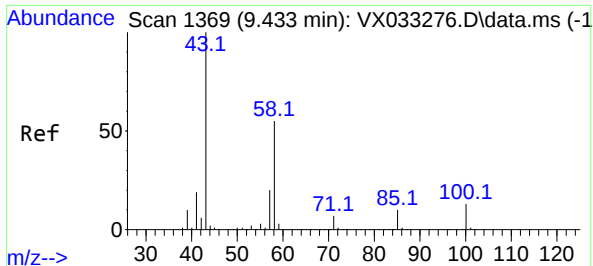
Tgt Ion: 69 Resp: 587
Ion Ratio Lower Upper
69 100
41 7045.3 54.3 81.5#
39 2913.1 35.2 52.8#



#57
1,3-Dichloropropane
Concen: 1.822 ug/l
RT: 9.482 min Scan# 1377
Delta R.T. 0.171 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Tgt Ion: 76 Resp: 3813
Ion Ratio Lower Upper
76 100
78 0.0 26.0 39.0#





#59

2-Hexanone

Concen: 44.114 ug/l

RT: 9.482 min Scan# 1

Delta R.T. 0.049 min

Lab File: VX033483.D

Acq: 19 Dec 2022 14:45

Instrument :

MSVOA_X

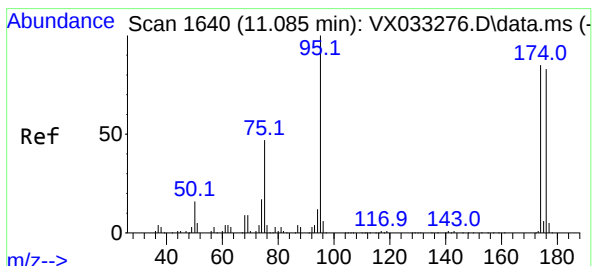
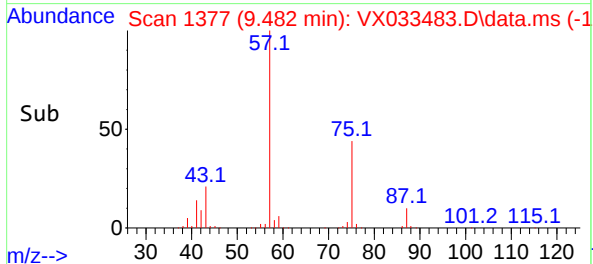
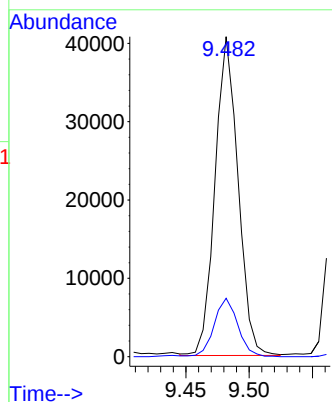
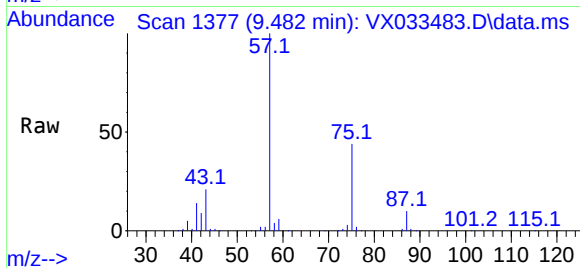
ClientSampleId :

Tgt Ion: 43 Resp: 51395

Ion Ratio Lower Upper

43 100

58 18.9 26.5 79.5#



#62

4-Bromofluorobenzene

Concen: 51.634 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. -0.006 min

Lab File: VX033483.D

Acq: 19 Dec 2022 14:45

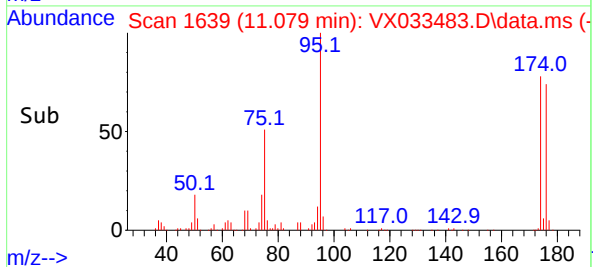
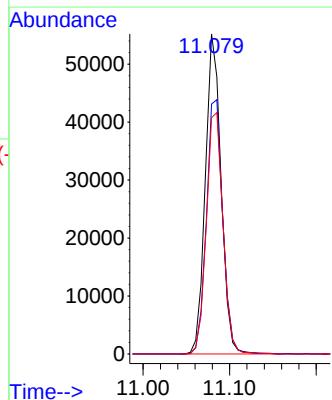
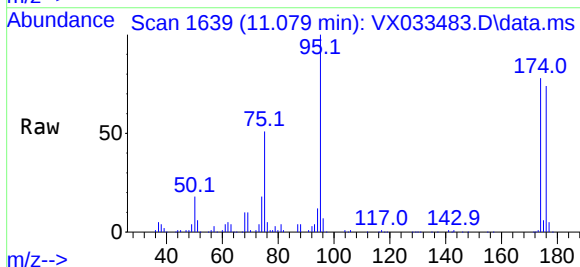
Tgt Ion: 95 Resp: 69628

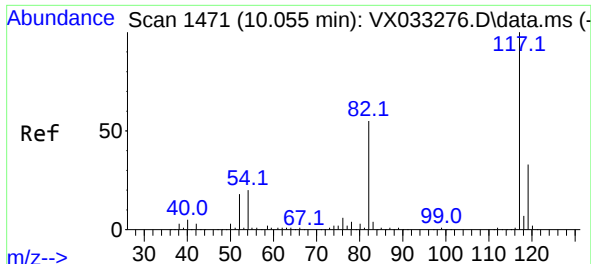
Ion Ratio Lower Upper

95 100

174 82.7 0.0 164.0

176 79.7 0.0 154.4

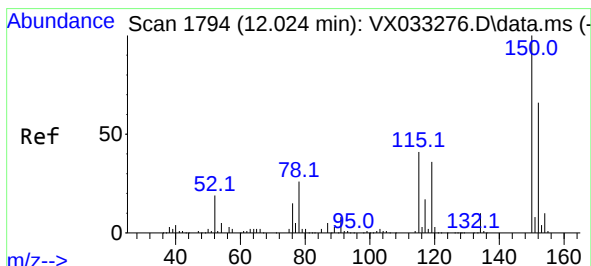
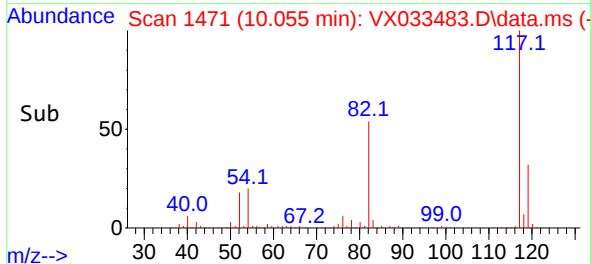
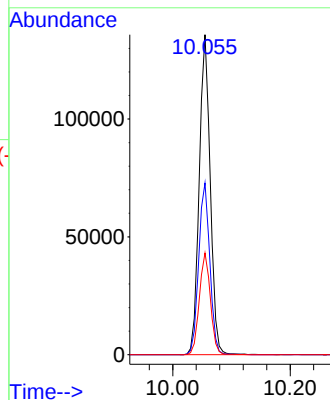
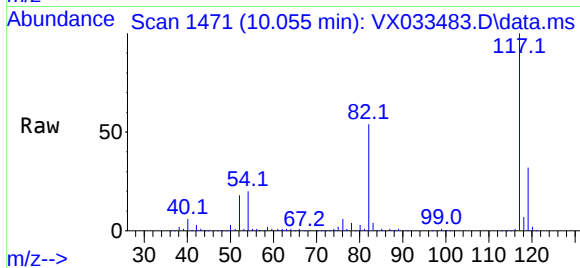




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

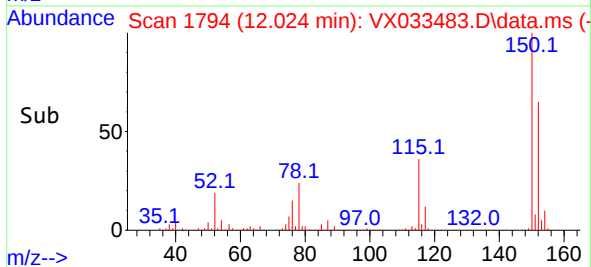
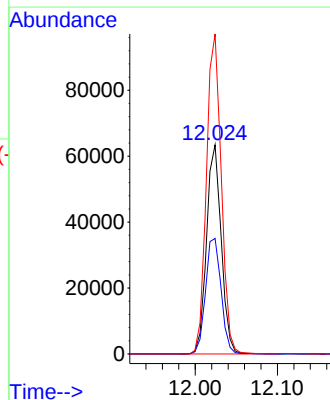
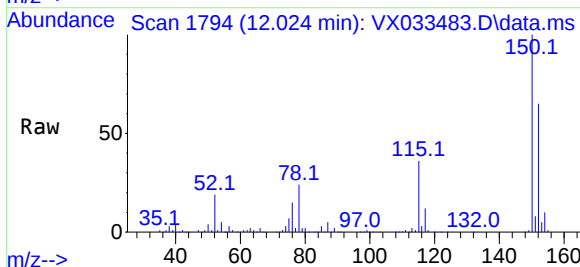
Instrument :
MSVOA_X
ClientSampleId :

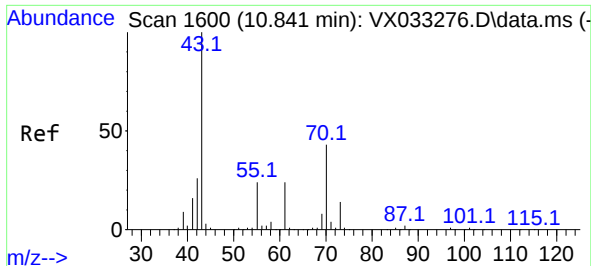
Tgt Ion:117 Resp: 177072
Ion Ratio Lower Upper
117 100
82 53.6 44.3 66.5
119 31.8 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Tgt Ion:152 Resp: 78844
Ion Ratio Lower Upper
152 100
115 58.4 44.0 132.0
150 154.6 0.0 351.8

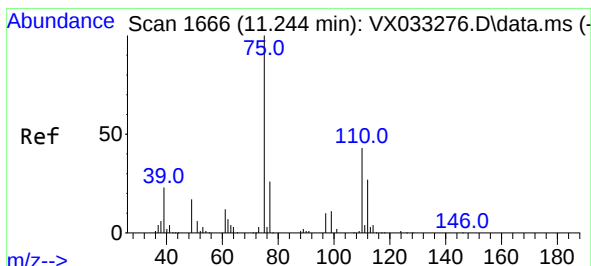
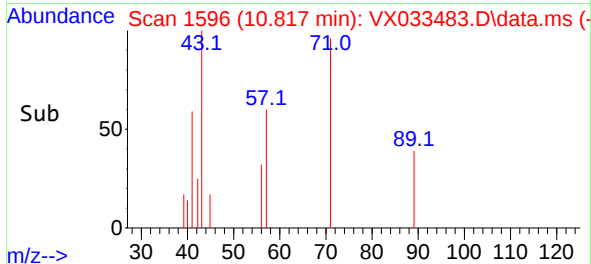
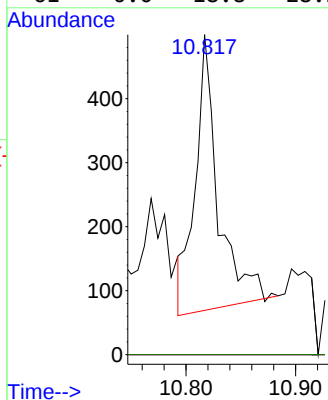
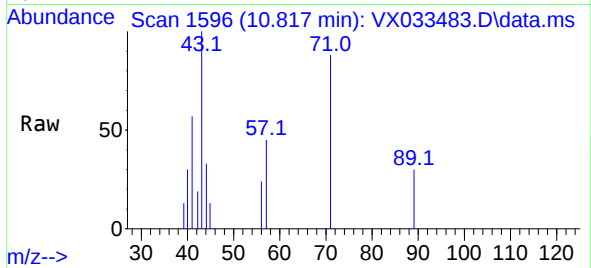




#74
N-amy1 acetate
Concen: 0.319 ug/l
RT: 10.817 min Scan# 1639
Delta R.T. -0.024 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

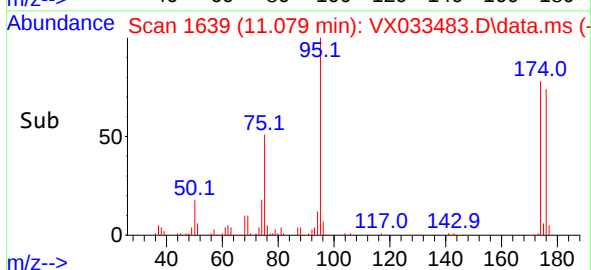
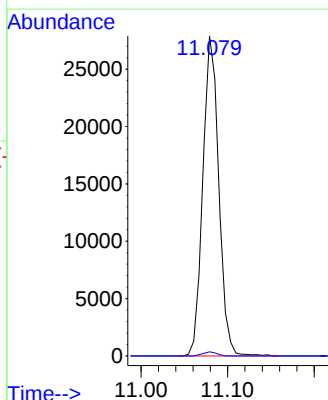
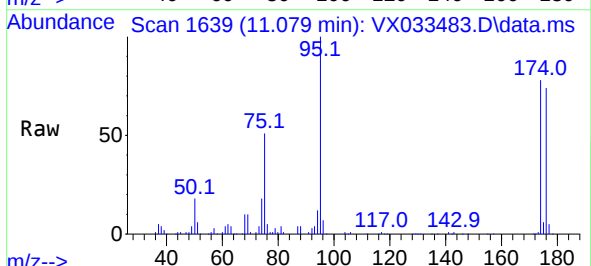
Instrument :
MSVOA_X
ClientSampleId :

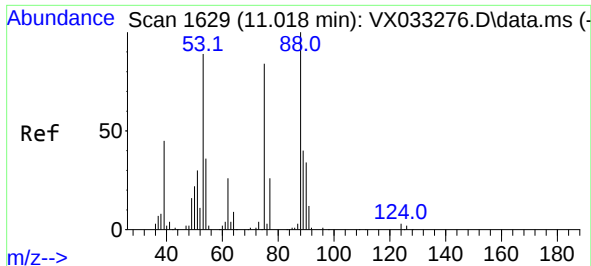
Tgt Ion: 43	Resp: 622
Ion Ratio	Lower Upper
43	100
70	0.0 33.6 50.4#
55	0.0 19.4 29.2#
61	0.0 18.8 28.2#



#76
1,2,3-Trichloropropane
Concen: 22.211 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.164 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

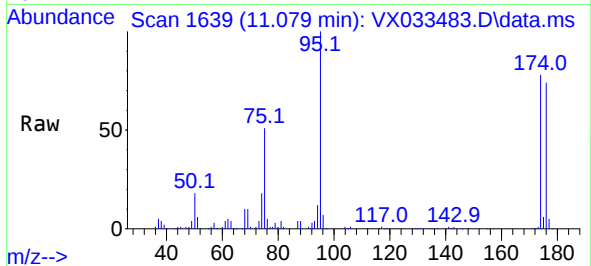
Tgt Ion: 75	Resp: 35629
Ion Ratio	Lower Upper
75	100
77	1.1 20.0 60.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 69.092 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.061 min
Lab File: VX033483.D
Acq: 19 Dec 2022 14:45

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 75 Resp: 35629
Ion Ratio Lower Upper
75 100
53 0.0 86.9 130.3#
89 0.0 38.3 57.5#

