

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012523\
 Data File : VX033879.D
 Acq On : 25 Jan 2023 10:05
 Operator : JC/MD
 Sample : VSTDCCC020
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 26 05:06:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X011823W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Jan 18 14:40:07 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	4.891	128	15275	30.000	ug/l	-0.01
28) 1,4-Difluorobenzene	6.757	114	105184	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	114112	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	34051	28.806	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	96.033%
60) 4-Bromofluorobenzene	11.079	95	60462	29.638	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	98.800%
63) Toluene-d8	8.647	98	110503	30.352	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	101.167%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	31612	22.590	ug/l	100
3) Chloromethane	1.294	50	33443	21.252	ug/l	97
4) Vinyl Chloride	1.374	62	33191	21.488	ug/l	97
5) Bromomethane	1.618	94	21086	21.176	ug/l	99
6) Chloroethane	1.691	64	17872	21.631	ug/l	100
7) Trichlorofluoromethane	1.892	101	50476	22.102	ug/l	100
8) Diethyl Ether	2.130	74	18706	21.731	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	32059	23.196	ug/l	99
10) 1,1-Dichloroethene	2.319	96	30045	22.131	ug/l	97
11) Methyl Iodide	2.453	142	41225	20.129	ug/l	99
12) Methyl Acetate	2.703	43	51269	21.642	ug/l	97
13) Acrolein	2.239	56	36055	136.074	ug/l	97
14) Acrylonitrile	3.062	53	75744	98.140	ug/l	99
15) Acetone	2.392	58	32940	141.938	ug/l	99
16) Carbon Disulfide	2.514	76	74939	22.517	ug/l	99
17) Allyl chloride	2.666	41	55121	22.496	ug/l	98
18) Methylene Chloride	2.788	84	33601	21.982	ug/l	98
19) trans-1,2-Dichloroethene	3.093	96	31431	21.506	ug/l	94
20) Diisopropyl ether	3.757	45	98438	20.494	ug/l	89
21) 1,1-Dichloroethane	3.611	63	54520	20.742	ug/l	97
22) cis-1,2-Dichloroethene	4.483	96	36144	21.047	ug/l	98
23) tert-Butyl Alcohol	3.087	59	2612	9.794	ug/l #	1
24) Methyl tert-Butyl Ether	3.105	73	93063	20.704	ug/l	98
25) Chloroform	5.086	83	56131	21.234	ug/l	96
26) Cyclohexane	5.464	56	50971	21.280	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	42038	20.807	ug/l	99
30) 2-Butanone	4.556	43	116194	104.098	ug/l #	97
31) 2,2-Dichloropropane	4.471	77	39264	20.491	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	47994	20.629	ug/l	99
33) Carbon Tetrachloride	5.672	117	43935	21.099	ug/l	95
34) Benzene	6.037	78	125068	20.858	ug/l	99
35) Methacrylonitrile	4.910	41	23907	19.668	ug/l	95
36) 1,2-Dichloroethane	6.086	62	42404	20.105	ug/l	98
37) Trichloroethene	7.123	130	37301	22.028	ug/l	95
38) Methylcyclohexane	7.379	83	54441	22.396	ug/l	97
39) 1,2-Dichloropropane	7.427	63	31102	21.188	ug/l	97
40) Dibromomethane	7.580	93	22195	21.273	ug/l	93
41) Bromodichloromethane	7.818	83	42785	21.493	ug/l	97
42) Vinyl Acetate	3.715	43	372371	99.287	ug/l	99

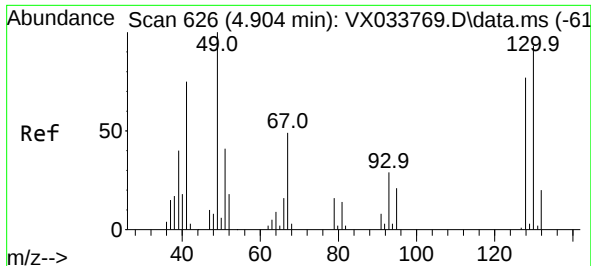
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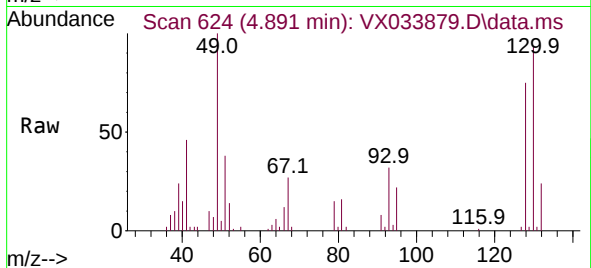
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	41550	19.043	ug/l	100
44) Isopropyl Acetate	6.330	43	64073	19.312	ug/l	97
45) 1,4-Dioxane	7.708	88	12414	362.037	ug/l #	91
46) Methyl methacrylate	7.690	41	32551	19.322	ug/l	93
47) n-amyl Acetate	10.842	43	52455	18.742	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	42434	20.234	ug/l	97
49) cis-1,3-Dichloropropene	8.366	75	48389	20.440	ug/l	96
50) 1,1,2-Trichloroethane	9.147	97	32790	21.185	ug/l	98
51) Ethyl methacrylate	9.116	69	45612	19.891	ug/l	92
52) 1,3-Dichloropropane	9.305	76	53843	20.642	ug/l	98
53) Dibromochloromethane	9.519	129	35549	21.029	ug/l	98
54) 1,2-Dibromoethane	9.610	107	34724	20.769	ug/l	100
55) 2-Chloroethyl vinyl ether	8.238	63	101974	94.718	ug/l	99
56) Bromoform	10.799	173	27603	21.039	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	202429	98.692	ug/l	96
59) 2-Hexanone	9.427	43	158878	103.091	ug/l	95
61) Tetrachloroethene	9.269	164	34972	23.274	ug/l	99
62) Toluene	8.714	91	138846	21.752	ug/l	100
64) Chlorobenzene	10.079	112	90955	21.374	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	34444	21.738	ug/l	99
66) Ethyl Benzene	10.195	91	155062	21.227	ug/l	98
67) m/p-Xylenes	10.299	106	125719	43.580	ug/l	95
68) o-Xylene	10.640	106	61383	21.457	ug/l	97
69) Styrene	10.653	104	100486	21.355	ug/l	98
70) Isopropylbenzene	10.963	105	158874	21.560	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.213	83	46881	21.219	ug/l	98
72) 1,2,3-Trichloropropane	11.238	75	48756	24.219	ug/l	90
73) Bromobenzene	11.195	156	42871	21.483	ug/l	99
74) n-propylbenzene	11.305	91	179577	21.453	ug/l	99
75) 2-Chlorotoluene	11.366	91	106252	21.339	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	132942	21.755	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	12798	20.691	ug/l	92
78) 4-Chlorotoluene	11.451	91	121143	21.626	ug/l	98
79) tert-butylbenzene	11.713	119	136589	21.837	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	130790	21.587	ug/l	100
81) sec-Butylbenzene	11.890	105	165263	21.713	ug/l	100
82) p-Isopropyltoluene	12.006	119	143551	21.773	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	78618	21.805	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	78718	21.783	ug/l	99
85) n-Butylbenzene	12.329	91	115632	21.564	ug/l	99
86) Hexachloroethane	12.536	117	23053	22.120	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	76247	21.939	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.939	75	8768	19.391	ug/l	95
89) 1,2,4-Trichlorobenzene	13.585	180	52827	21.845	ug/l	100
90) Hexachlorobutadiene	13.725	225	27062	23.866	ug/l	99
91) Naphthalene	13.774	128	149633	21.109	ug/l	100
92) 1,2,3-Trichlorobenzene	13.963	180	53500	22.556	ug/l	100

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

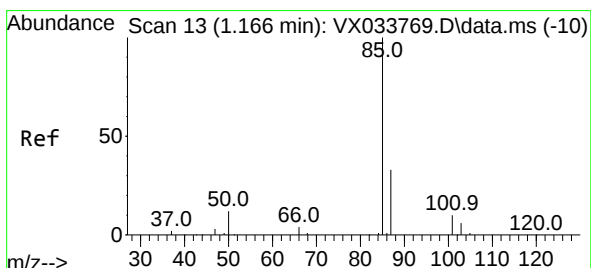
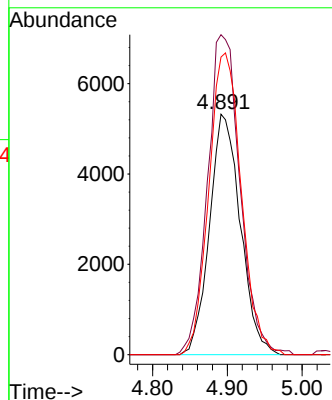
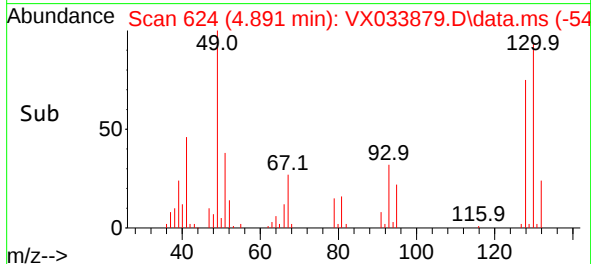


#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.891 min Scan# 61
Delta R.T. -0.013 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :

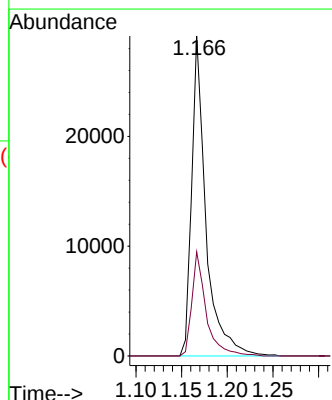
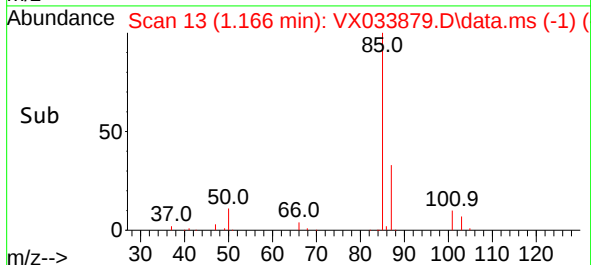
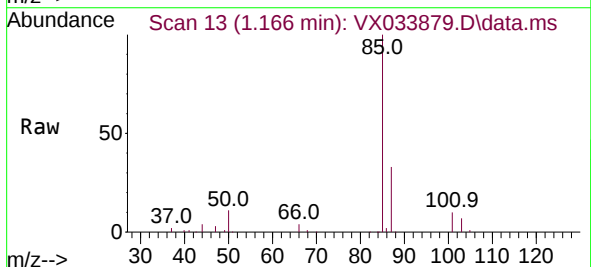


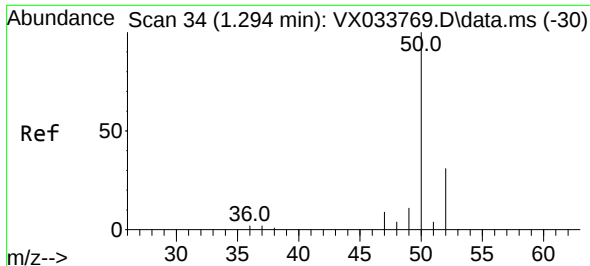
Tgt Ion:128 Resp: 15275
Ion Ratio Lower Upper
128 100
49 139.9 0.0 369.0
130 131.7 0.0 327.5



#2
Dichlorodifluoromethane
Concen: 22.590 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 85 Resp: 31612
Ion Ratio Lower Upper
85 100
87 32.6 16.4 49.1

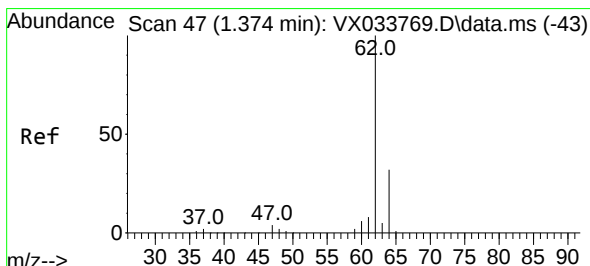
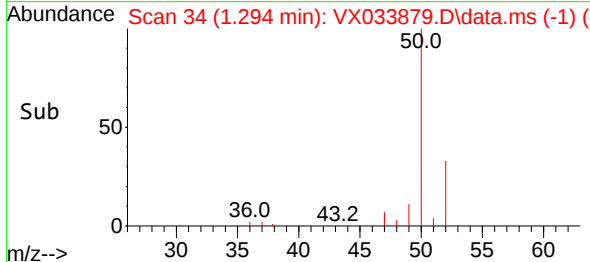
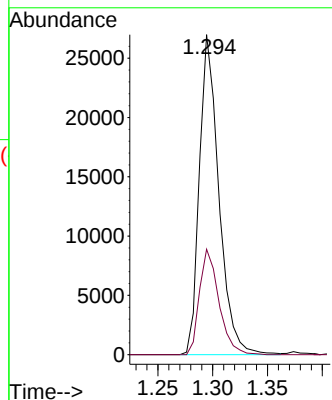
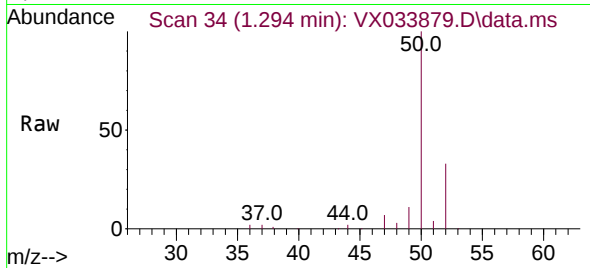




#3
Chloromethane
Concen: 21.252 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

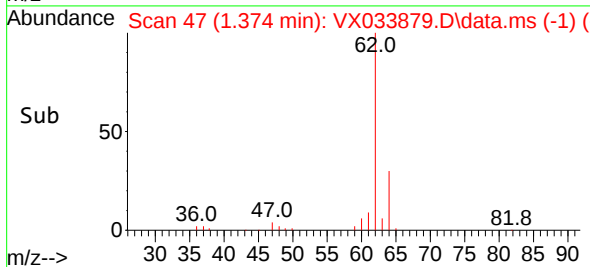
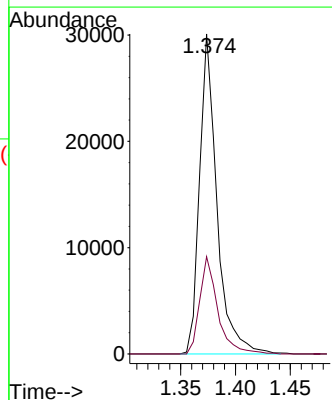
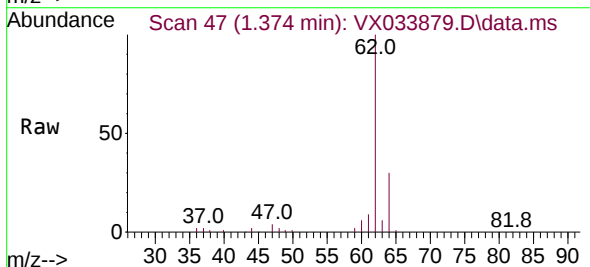
Instrument :
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ClientSampleId :

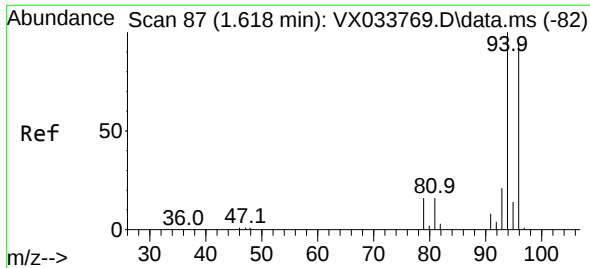
Tgt Ion: 50 Resp: 33443
Ion Ratio Lower Upper
50 100
52 33.0 25.1 37.7



#4
Vinyl Chloride
Concen: 21.488 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 62 Resp: 33191
Ion Ratio Lower Upper
62 100
64 30.4 25.4 38.2

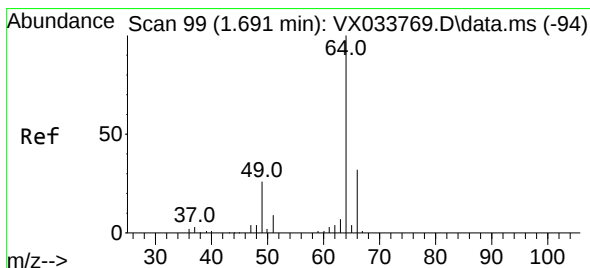
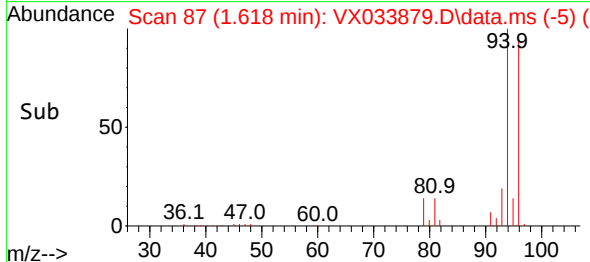
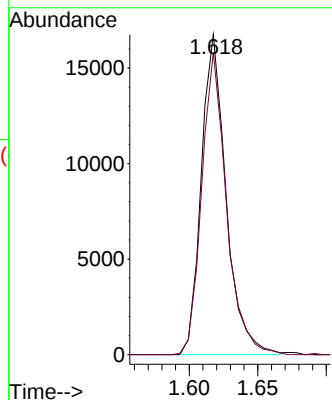
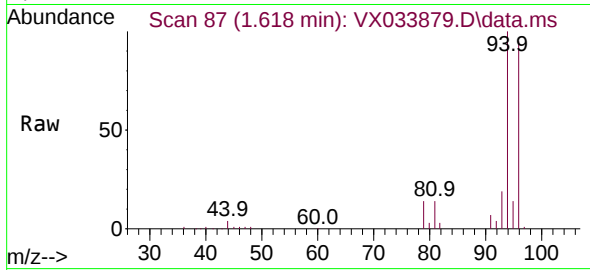




#5
Bromomethane
Concen: 21.176 ug/l
RT: 1.618 min Scan# 81
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

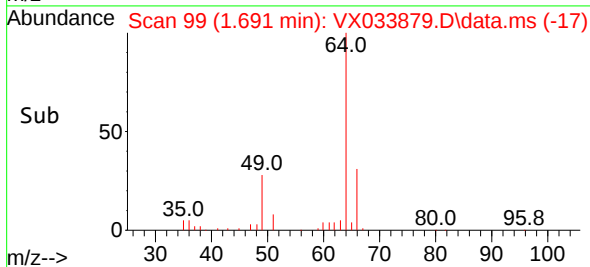
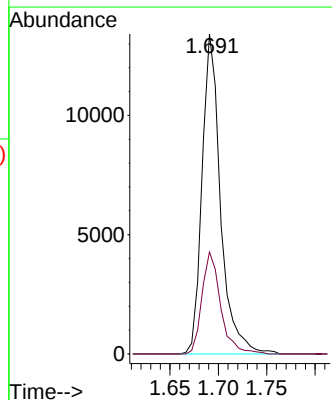
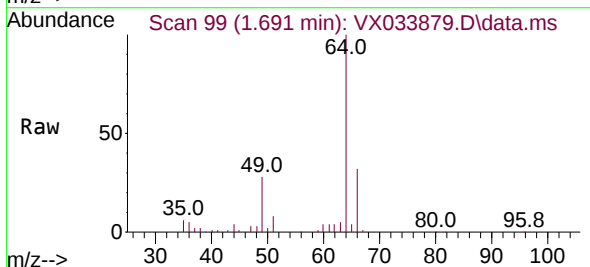
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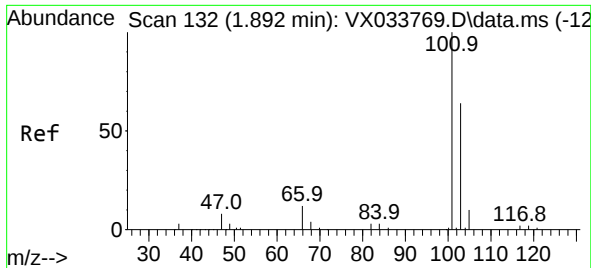
Tgt Ion: 94 Resp: 21086
Ion Ratio Lower Upper
94 100
96 94.1 74.8 112.2



#6
Chloroethane
Concen: 21.631 ug/l
RT: 1.691 min Scan# 99
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 64 Resp: 17872
Ion Ratio Lower Upper
64 100
66 31.9 25.4 38.0

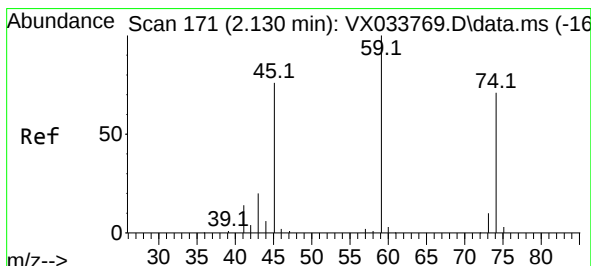
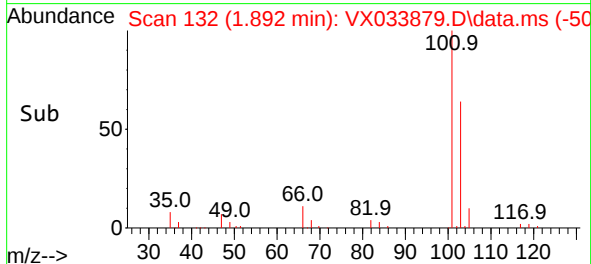
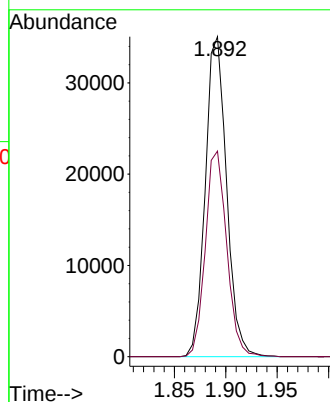
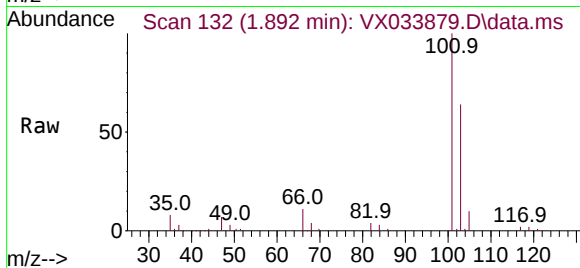




#7
Trichlorofluoromethane
Concen: 22.102 ug/l
RT: 1.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

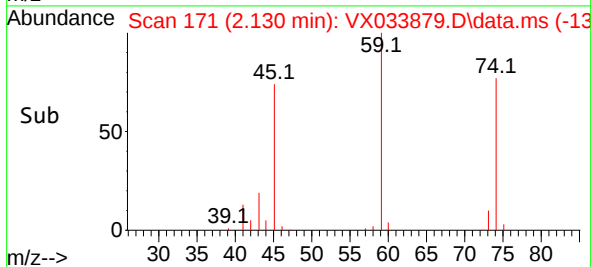
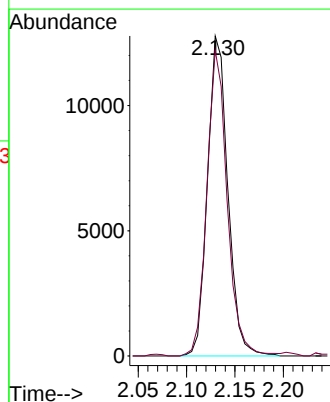
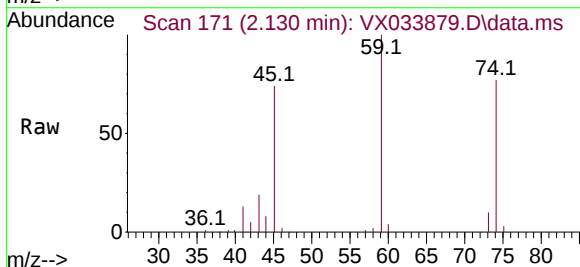
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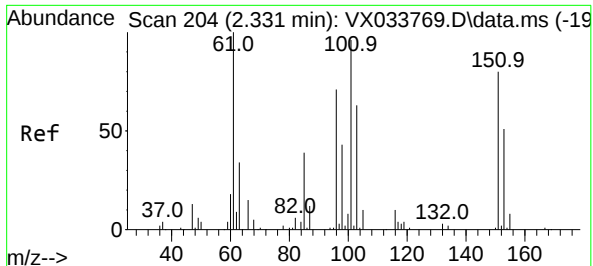
Tgt Ion:101 Resp: 50476
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0



#8
Diethyl Ether
Concen: 21.731 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 74 Resp: 18706
Ion Ratio Lower Upper
74 100
45 95.7 20.2 182.0

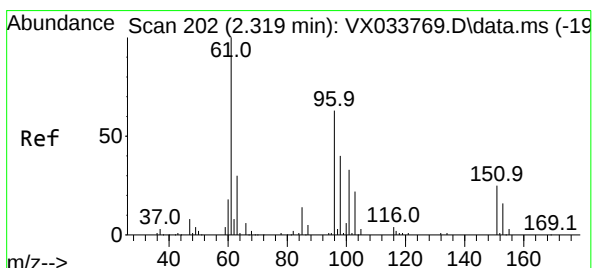
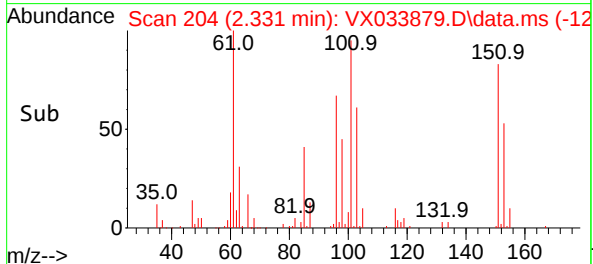
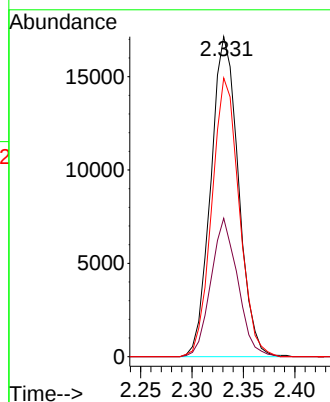
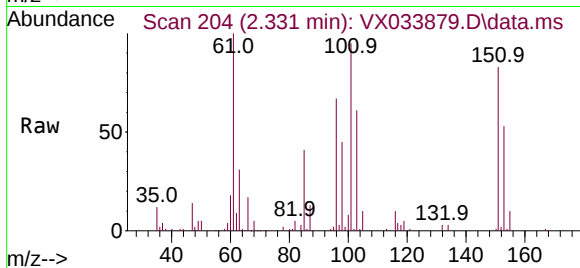




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 23.196 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX033879.D
 Acq: 25 Jan 2023 10:05

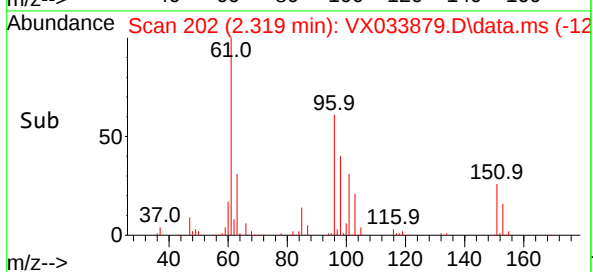
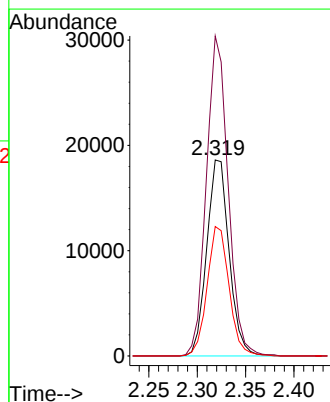
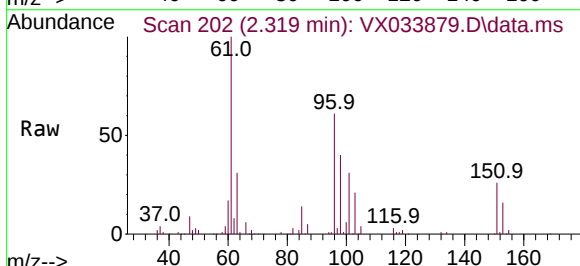
Instrument :
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 ClientSampleId :

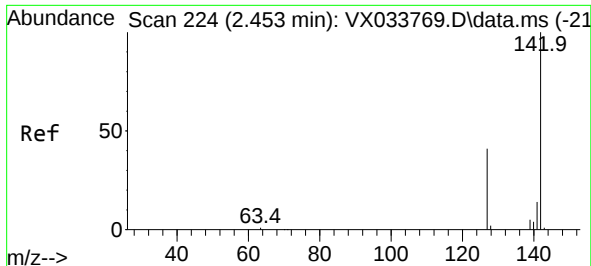
Tgt Ion:101 Resp: 32059
 Ion Ratio Lower Upper
 101 100
 85 41.8 0.0 83.0
 151 86.1 0.0 174.6



#10
 1,1-Dichloroethene
 Concen: 22.131 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX033879.D
 Acq: 25 Jan 2023 10:05

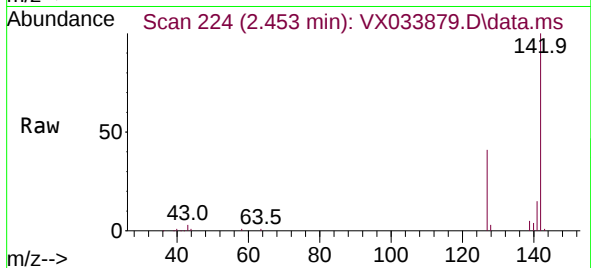
Tgt Ion: 96 Resp: 30045
 Ion Ratio Lower Upper
 96 100
 61 163.3 127.5 191.3
 98 66.1 51.1 76.7





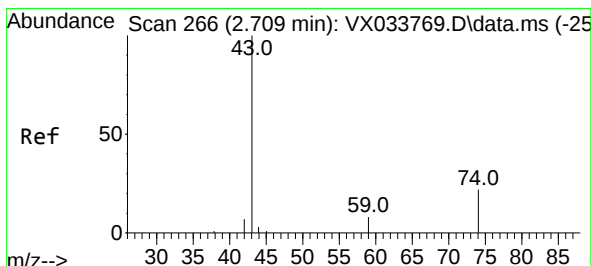
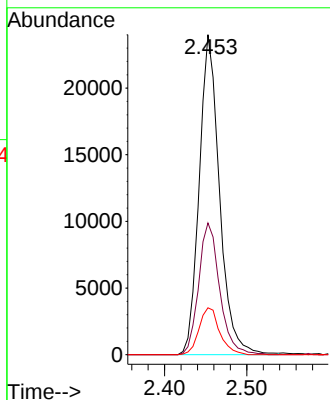
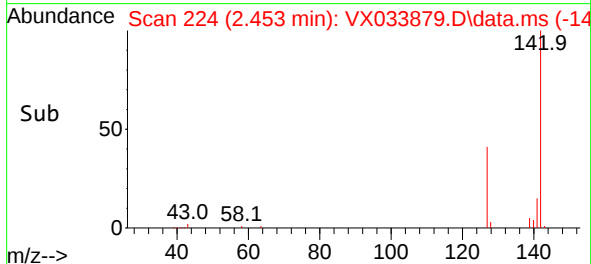
#11
Methyl Iodide
Concen: 20.129 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :

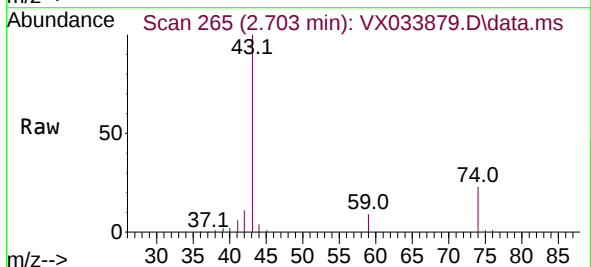


Tgt Ion:142 Resp: 41225

Ion	Ratio	Lower	Upper
142	100		
127	41.3	20.7	62.1
141	14.7	7.0	21.0

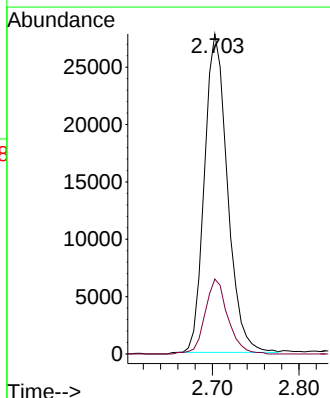
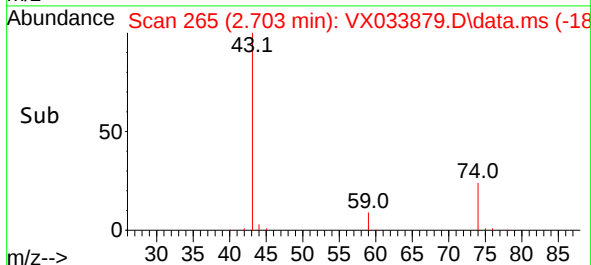


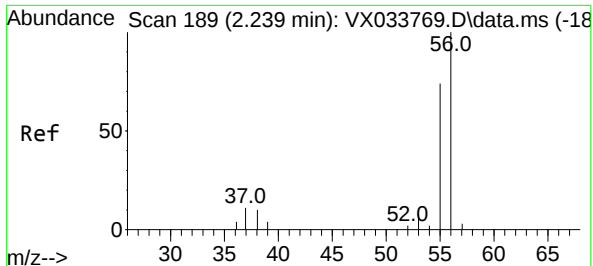
#12
Methyl Acetate
Concen: 21.642 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05



Tgt Ion: 43 Resp: 51269

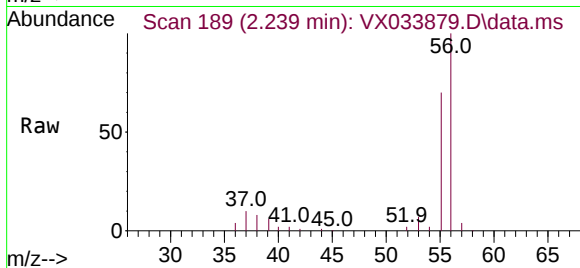
Ion	Ratio	Lower	Upper
43	100		
74	23.3	17.6	26.4



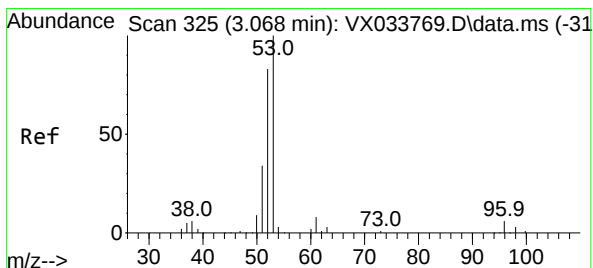
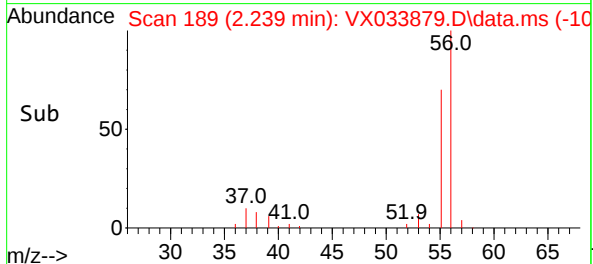
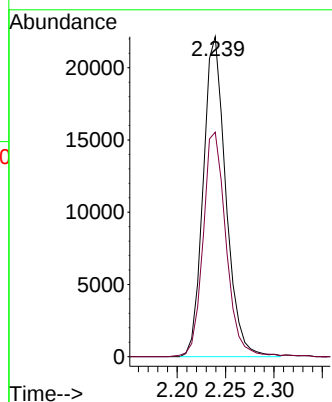


#13
Acrolein
Concen: 136.074 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :

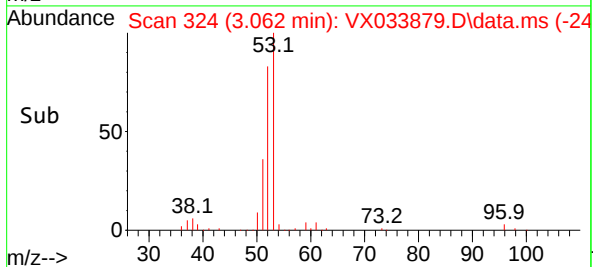
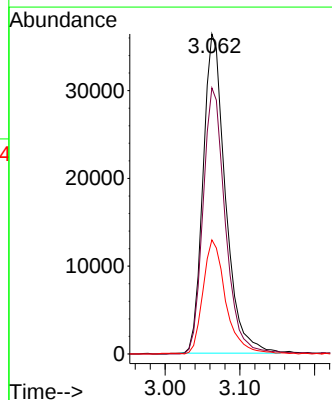
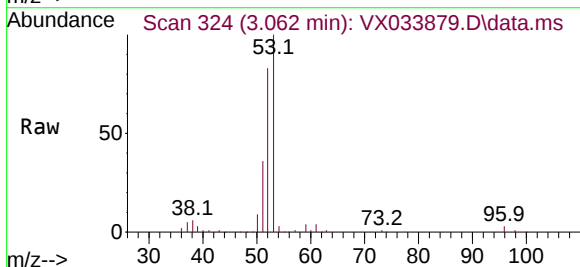


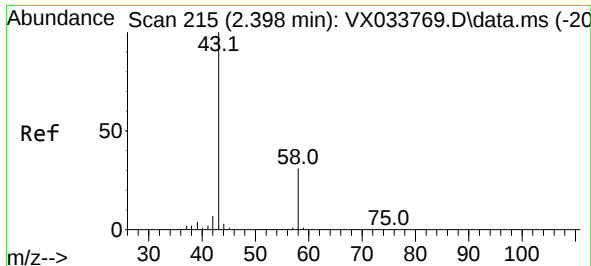
Tgt Ion: 56 Resp: 36055
Ion Ratio Lower Upper
56 100
55 70.6 58.8 88.2



#14
Acrylonitrile
Concen: 98.140 ug/l
RT: 3.062 min Scan# 324
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

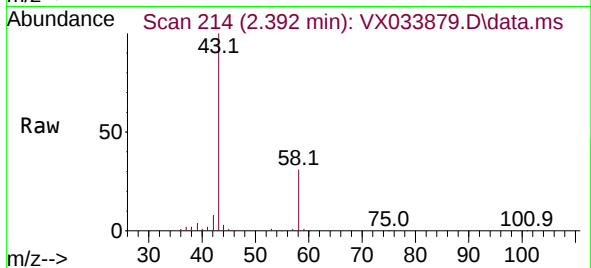
Tgt Ion: 53 Resp: 75744
Ion Ratio Lower Upper
53 100
52 83.0 41.0 123.2
51 36.1 17.6 52.8



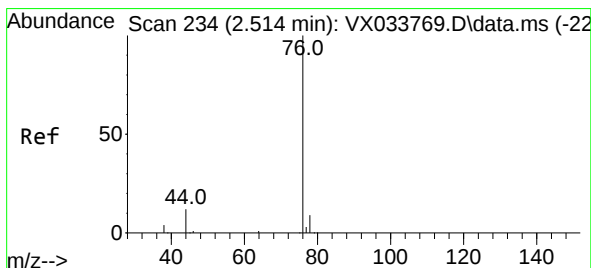
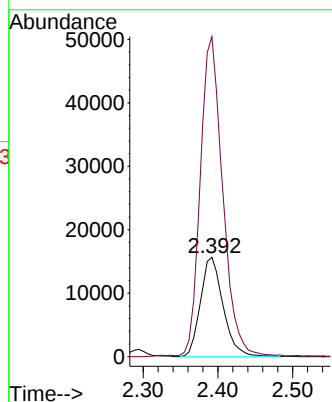
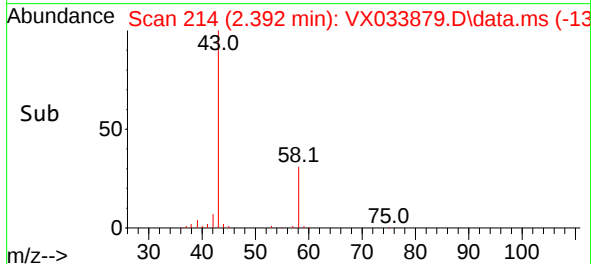


#15
Acetone
Concen: 141.938 ug/l
RT: 2.392 min Scan# 215
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

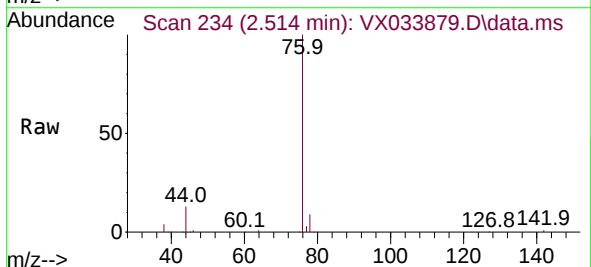
Instrument :
MSVOA_X
ClientSampleId :



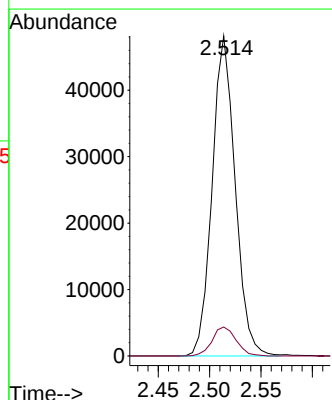
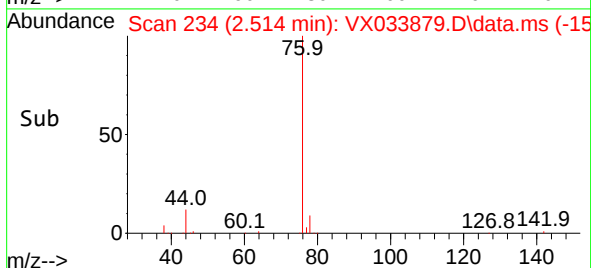
Tgt Ion: 58 Resp: 32940
Ion Ratio Lower Upper
58 100
43 320.9 258.6 388.0

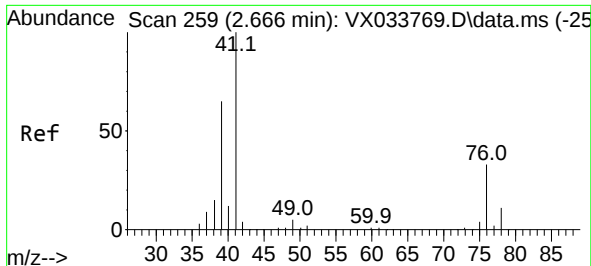


#16
Carbon Disulfide
Concen: 22.517 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05



Tgt Ion: 76 Resp: 74939
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3





#17

Allyl chloride

Concen: 22.496 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

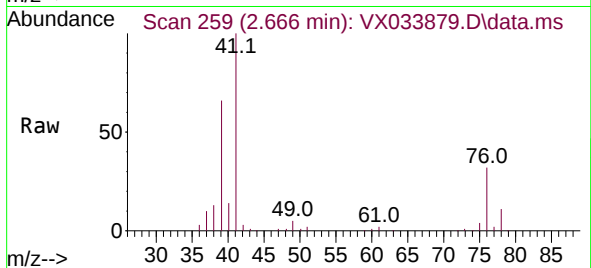
Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

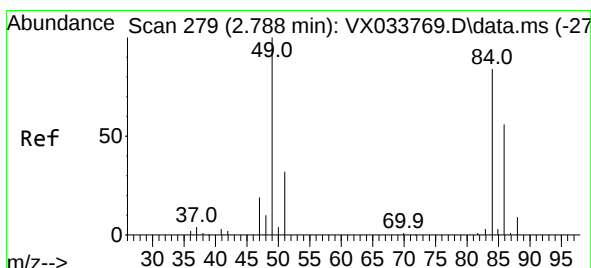
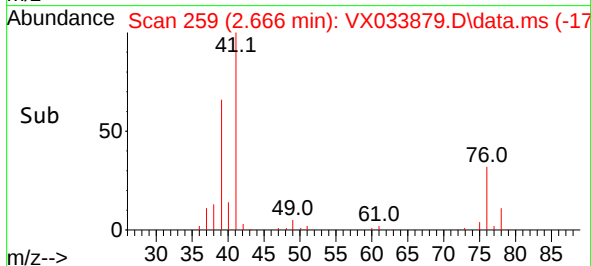
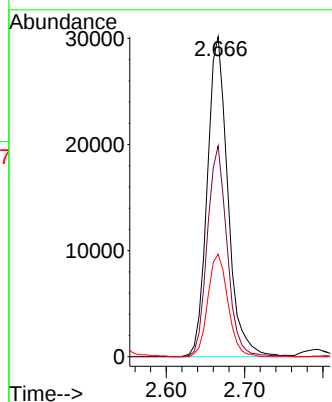
Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion:	41	Resp:	55121
Ion	Ratio	Lower	Upper
41	100		
39	65.9	32.5	97.4
76	32.1	16.6	49.8



#18

Methylene Chloride

Concen: 21.982 ug/l

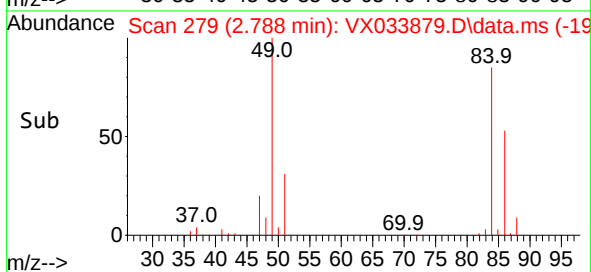
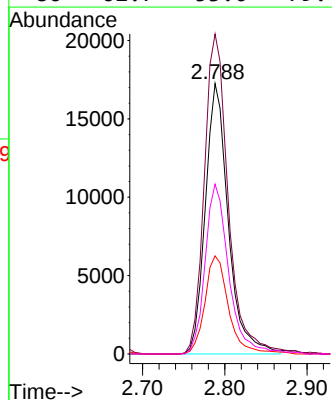
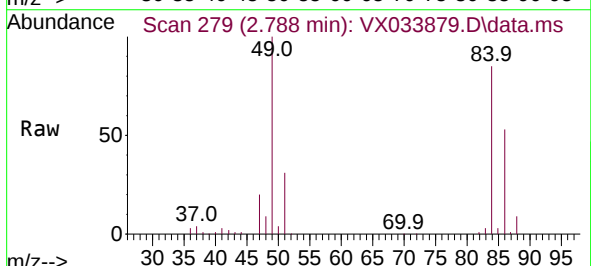
RT: 2.788 min Scan# 279

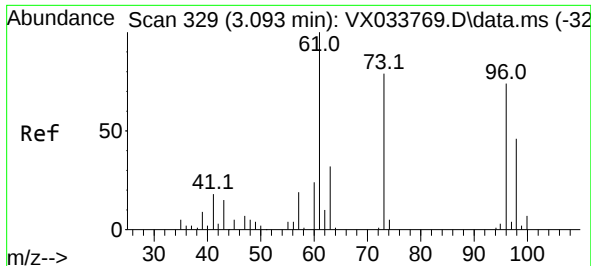
Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

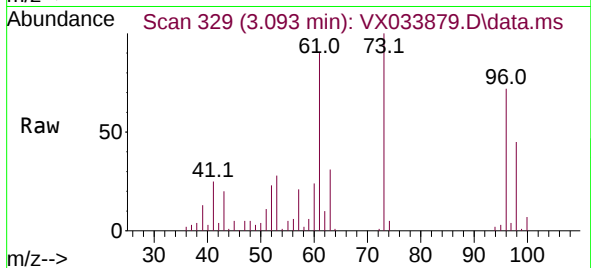
Tgt Ion:	84	Resp:	33601
Ion	Ratio	Lower	Upper
84	100		
49	118.3	95.0	142.6
51	36.3	30.3	45.5
86	62.7	53.0	79.4





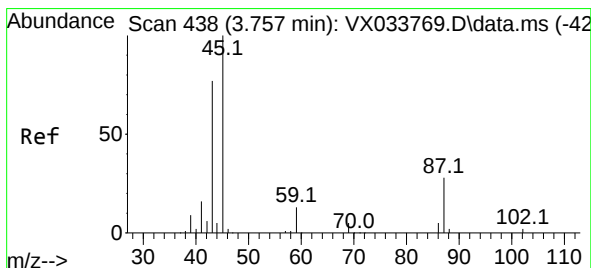
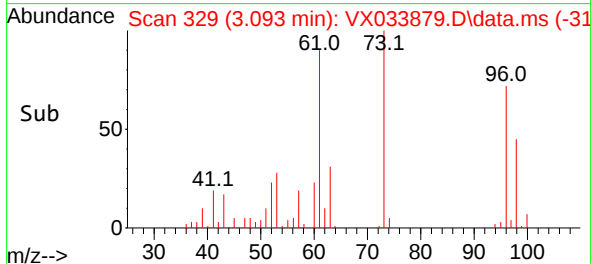
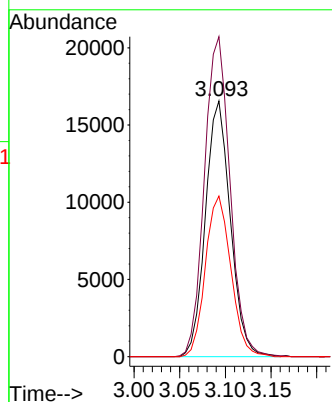
#19
trans-1,2-Dichloroethene
Concen: 21.506 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion: 96 Resp: 31431

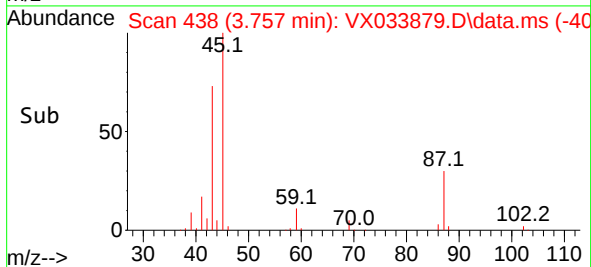
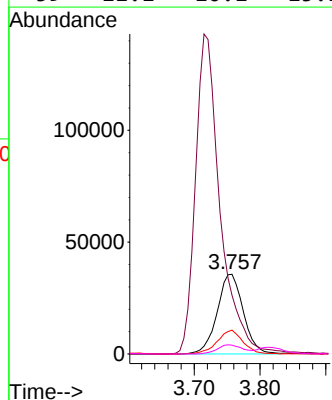
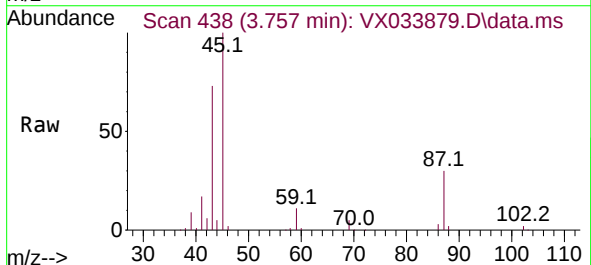
Ion	Ratio	Lower	Upper
96	100		
61	124.8	107.7	161.5
98	62.8	49.8	74.6

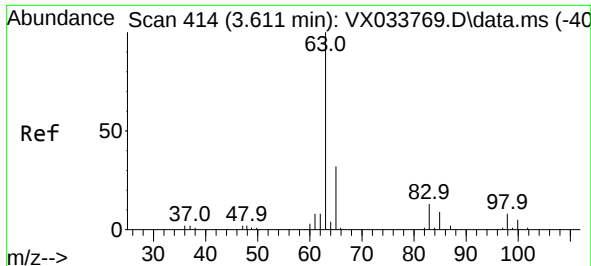


#20
Diisopropyl ether
Concen: 20.494 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 45 Resp: 98438

Ion	Ratio	Lower	Upper
45	100		
43	69.6	66.6	99.8
87	29.9	22.3	33.5
59	11.1	10.1	15.1

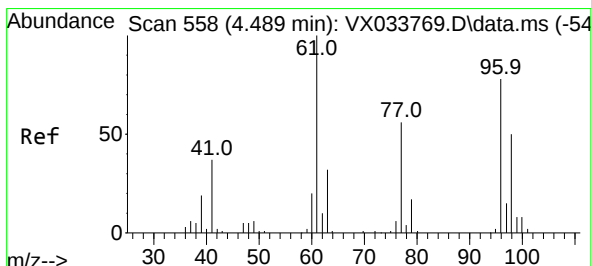
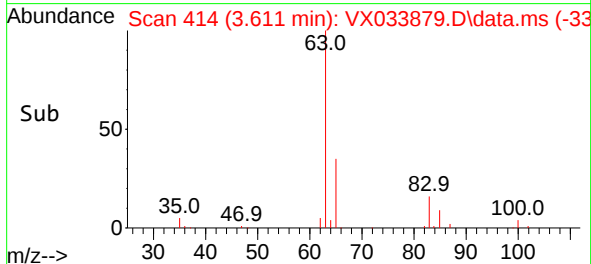
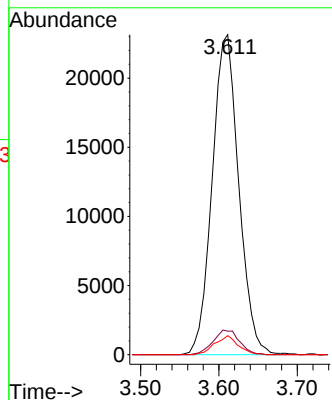
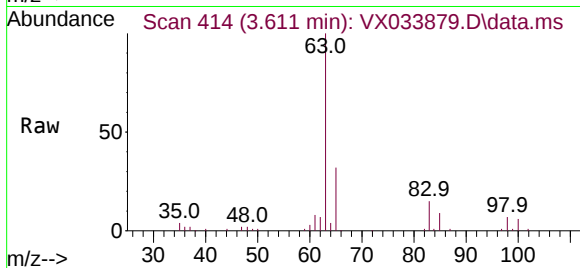




#21
1,1-Dichloroethane
Concen: 20.742 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

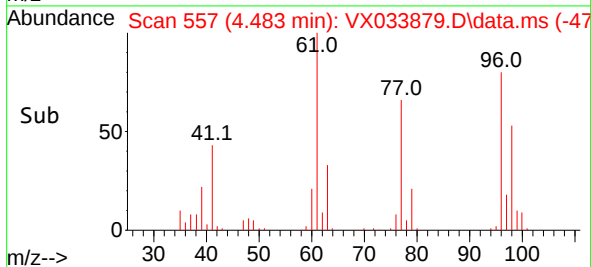
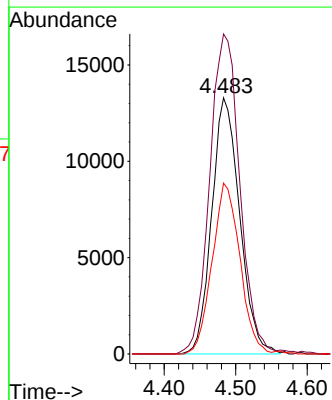
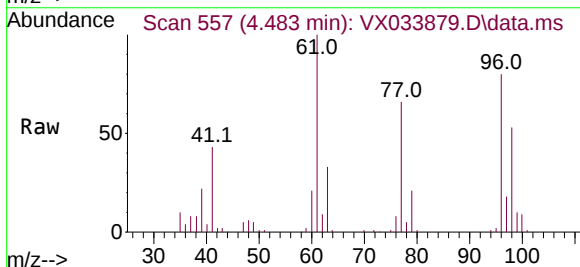
Instrument :
MSVOA_X
ClientSampleId :

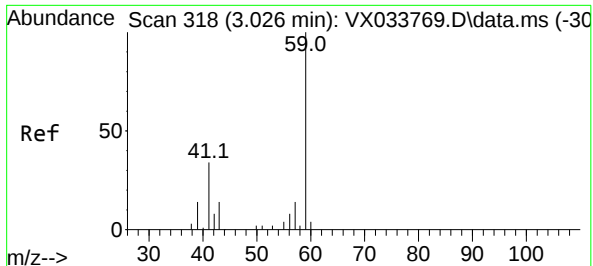
Tgt Ion: 63 Resp: 54520
Ion Ratio Lower Upper
63 100
98 7.4 4.0 12.2
100 6.0 2.3 6.9



#22
cis-1,2-Dichloroethene
Concen: 21.047 ug/l
RT: 4.483 min Scan# 557
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 96 Resp: 36144
Ion Ratio Lower Upper
96 100
61 134.0 109.0 163.6
98 66.1 51.7 77.5

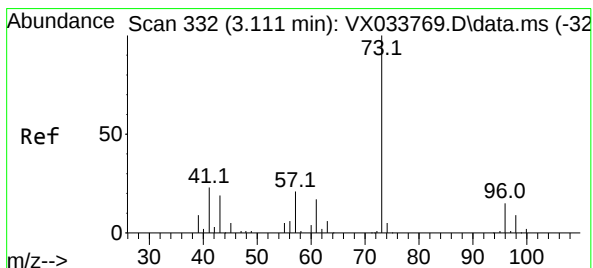
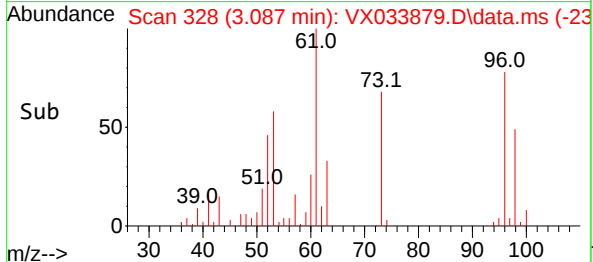
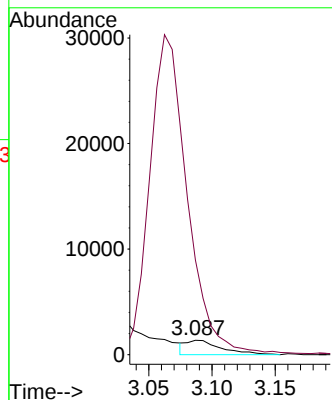
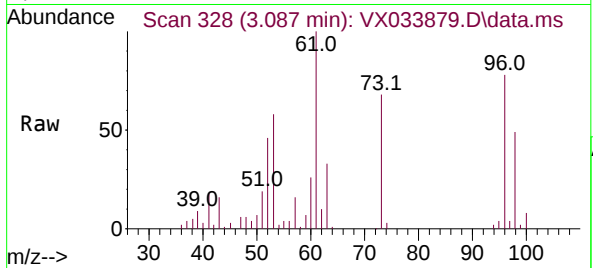




#23
tert-Butyl Alcohol
Concen: 9.794 ug/l
RT: 3.087 min Scan# 318
Delta R.T. 0.061 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

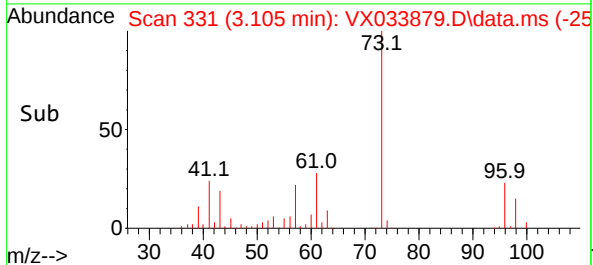
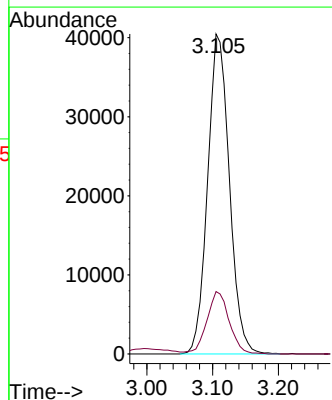
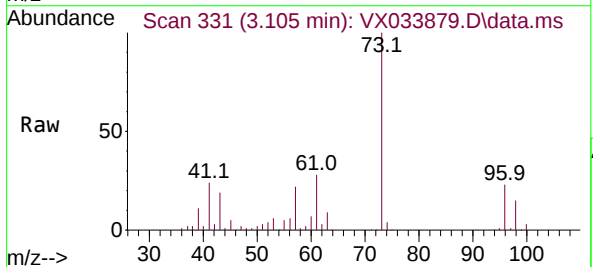
Instrument :
MSVOA_X
ClientSampleId :

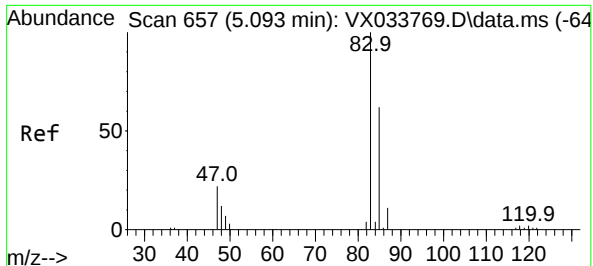
Tgt Ion: 59 Resp: 2612
Ion Ratio Lower Upper
59 100
52 2407.6 186.7 280.1#



#24
Methyl tert-Butyl Ether
Concen: 20.704 ug/l
RT: 3.105 min Scan# 331
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 73 Resp: 93063
Ion Ratio Lower Upper
73 100
43 20.1 16.9 25.3





#25

Chloroform

Concen: 21.234 ug/l

RT: 5.086 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

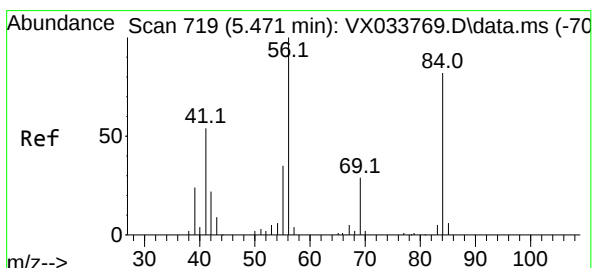
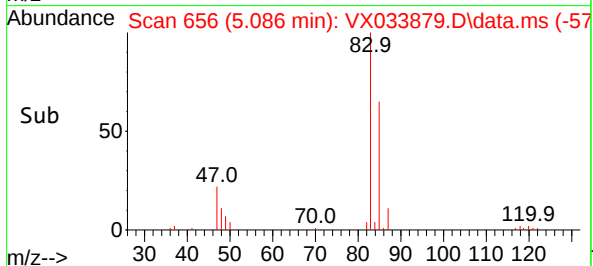
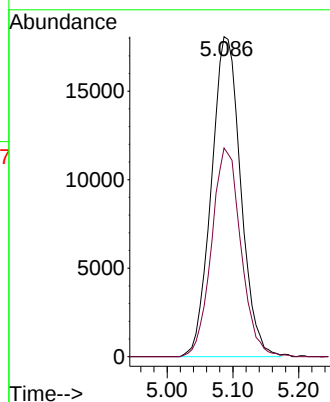
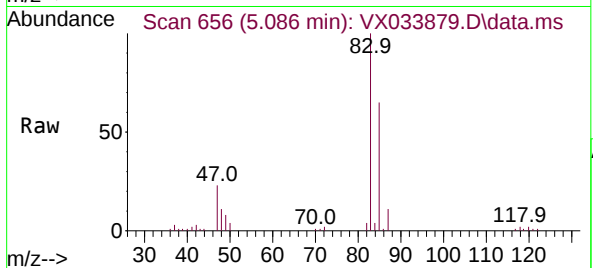
ClientSampleId :

Tgt Ion: 83 Resp: 56131

Ion Ratio Lower Upper

83 100

85 65.2 49.7 74.5



#26

Cyclohexane

Concen: 21.280 ug/l

RT: 5.464 min Scan# 718

Delta R.T. -0.006 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

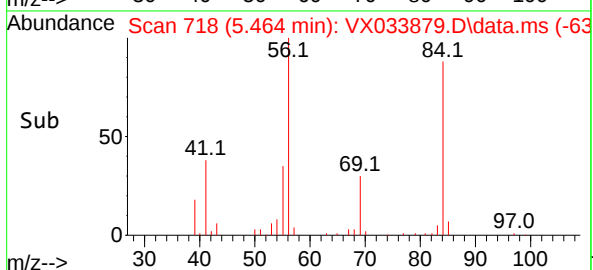
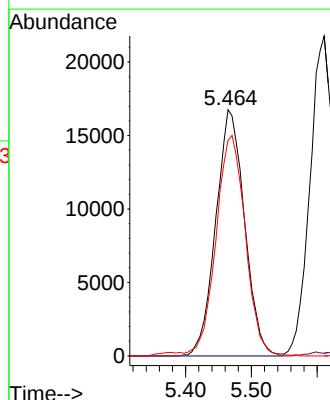
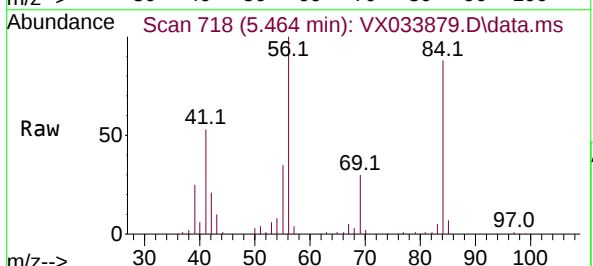
Tgt Ion: 56 Resp: 50971

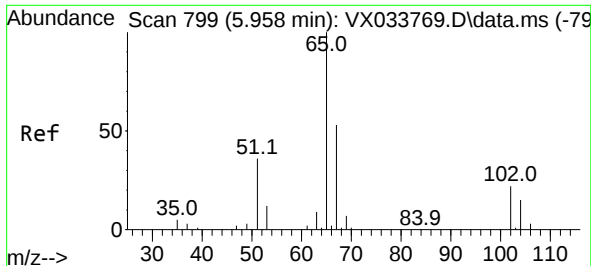
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 91.0 72.0 108.0





#27

1,2-Dichloroethane-d4

Concen: 28.806 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

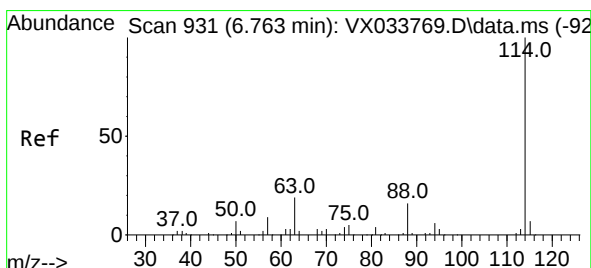
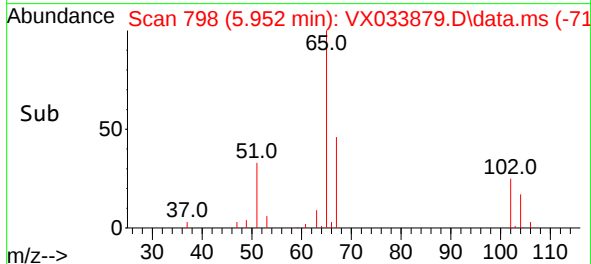
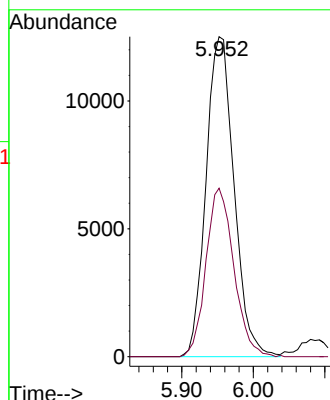
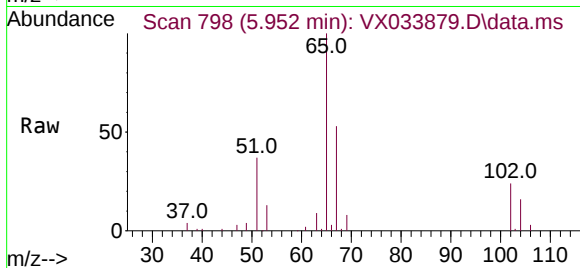
ClientSampleId :

Tgt Ion: 65 Resp: 34051

Ion Ratio Lower Upper

65 100

67 52.3 43.0 64.4



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

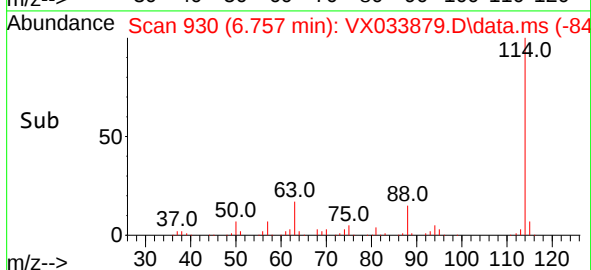
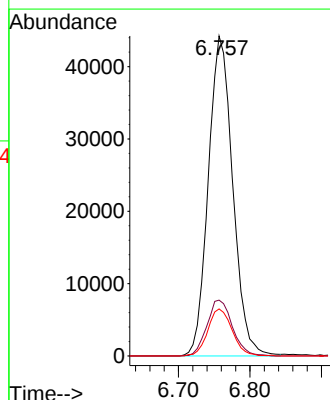
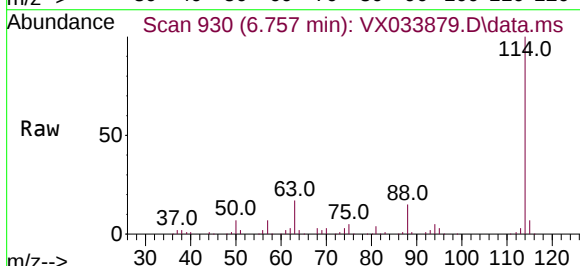
Tgt Ion: 114 Resp: 105184

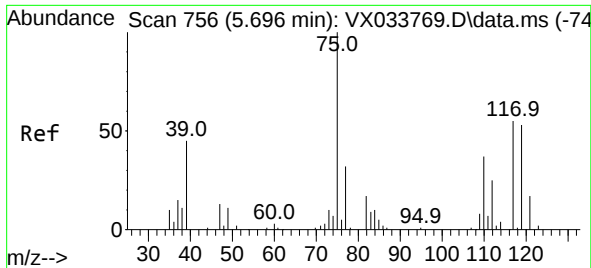
Ion Ratio Lower Upper

114 100

63 18.1 15.2 22.8

88 14.5 12.4 18.6





#29

1,1-Dichloropropene

Concen: 20.807 ug/l

RT: 5.690 min Scan# 71

Delta R.T. -0.006 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

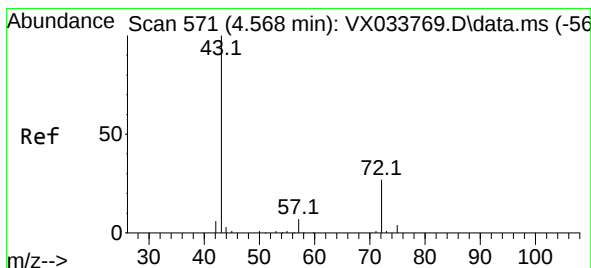
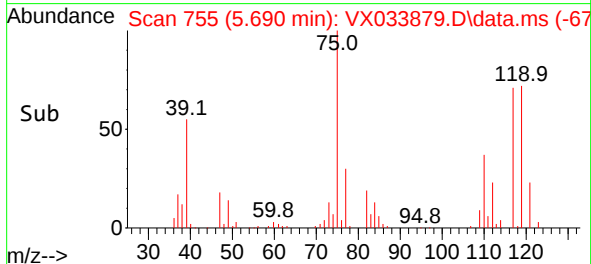
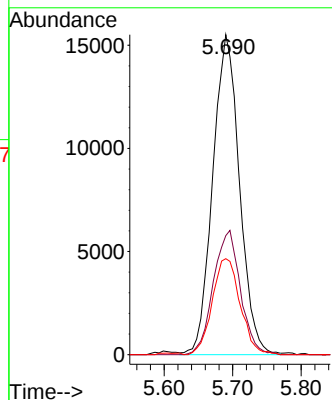
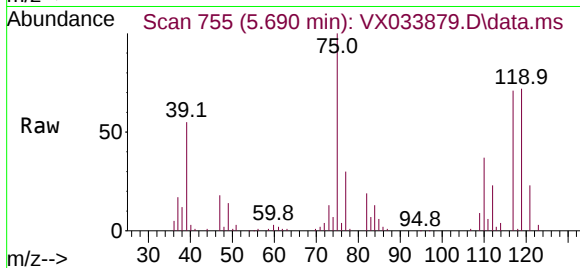
Tgt Ion: 75 Resp: 42038

Ion Ratio Lower Upper

75 100

110 39.3 0.0 75.8

77 31.4 0.0 62.4



#30

2-Butanone

Concen: 104.098 ug/l

RT: 4.556 min Scan# 569

Delta R.T. -0.012 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

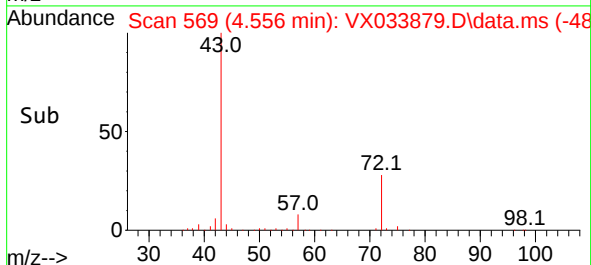
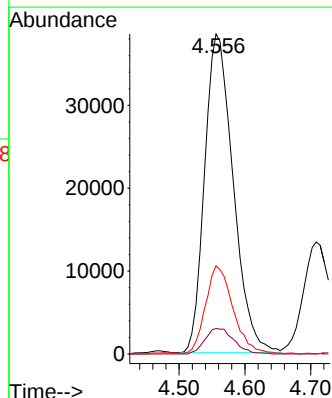
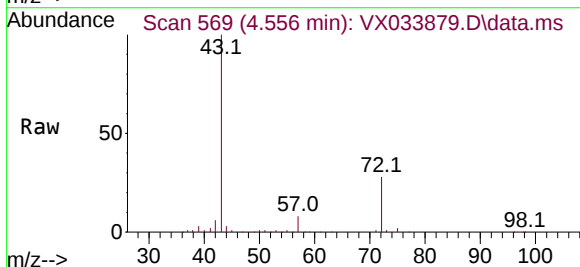
Tgt Ion: 43 Resp: 116194

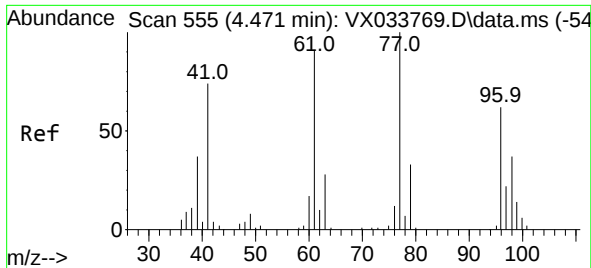
Ion Ratio Lower Upper

43 100

57 4.5 6.0 9.0#

72 26.7 20.6 30.8

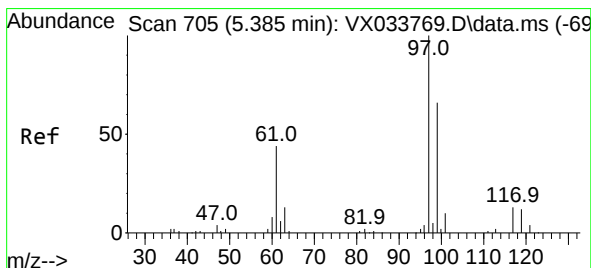
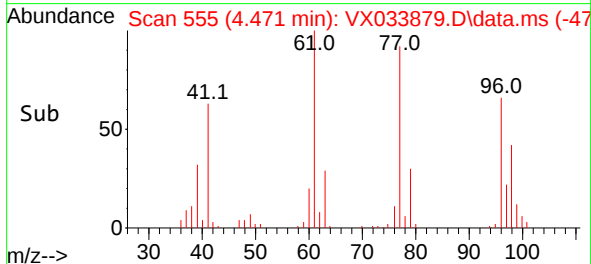
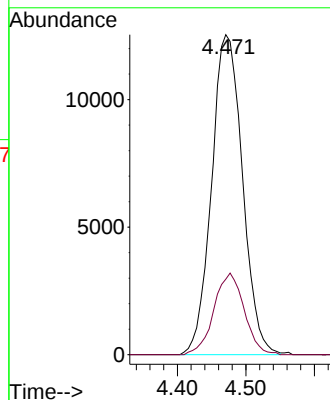
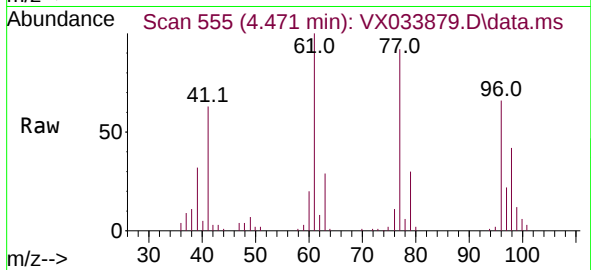




#31
2,2-Dichloropropane
Concen: 20.491 ug/l
RT: 4.471 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

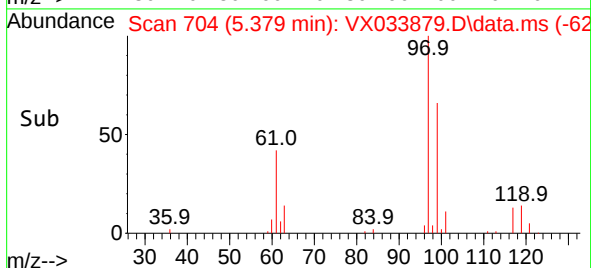
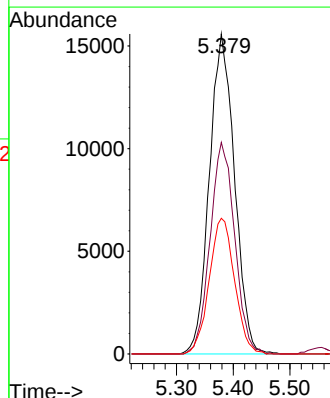
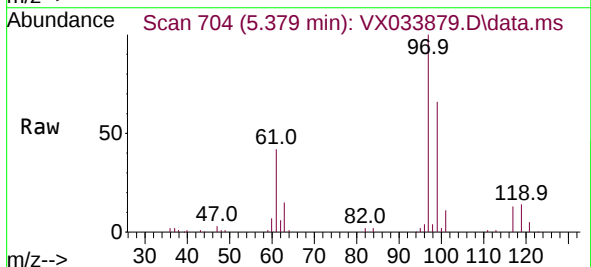
Instrument :
MSVOA_X
ClientSampleId :

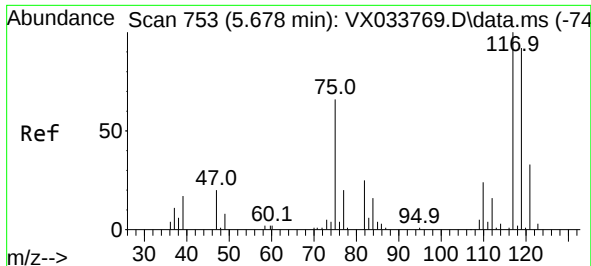
Tgt Ion: 77 Resp: 39264
Ion Ratio Lower Upper
77 100
97 25.0 19.6 29.4



#32
1,1,1-Trichloroethane
Concen: 20.629 ug/l
RT: 5.379 min Scan# 704
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

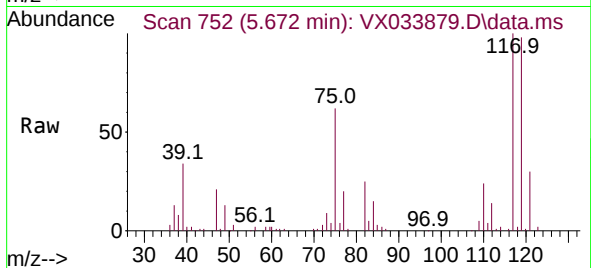
Tgt Ion: 97 Resp: 47994
Ion Ratio Lower Upper
97 100
99 64.7 52.0 78.0
61 42.7 34.7 52.1



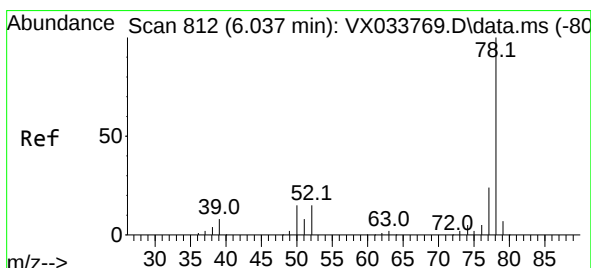
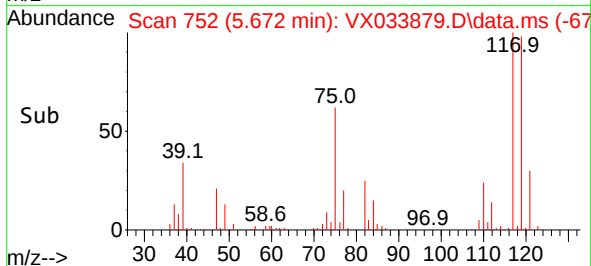
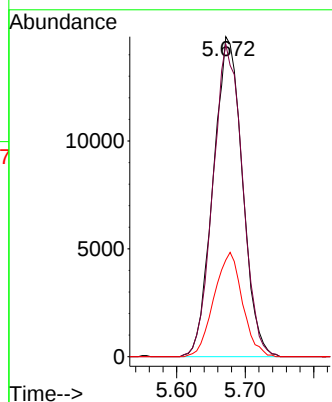


#33
Carbon Tetrachloride
Concen: 21.099 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :

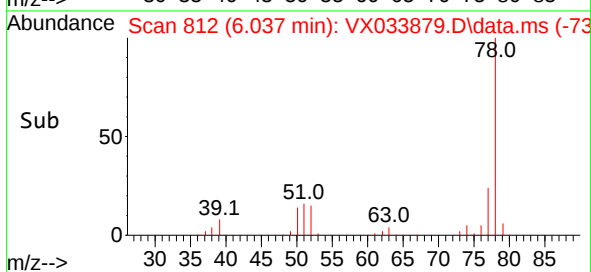
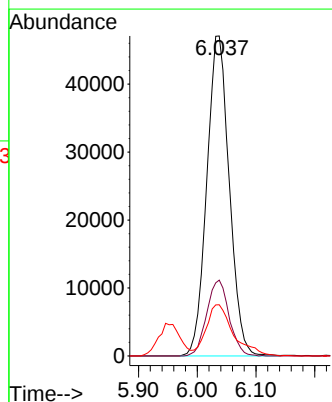
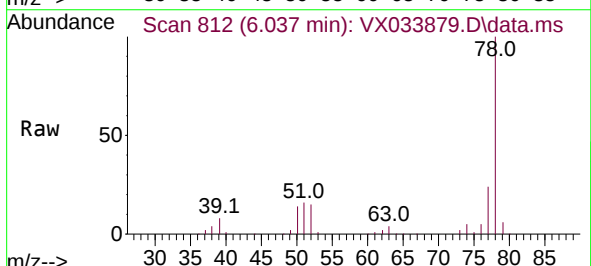


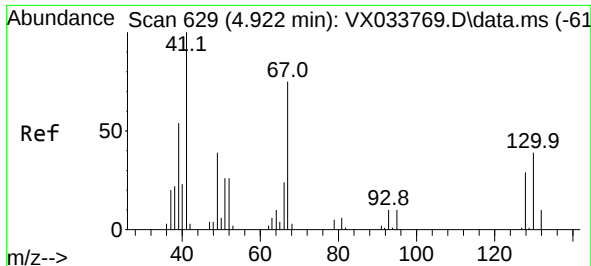
Tgt Ion:117 Resp: 43935
Ion Ratio Lower Upper
117 100
119 97.6 73.8 110.6
121 30.2 26.2 39.4



#34
Benzene
Concen: 20.858 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

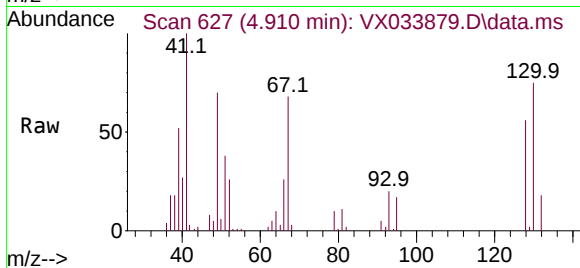
Tgt Ion: 78 Resp: 125068
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3
51 16.0 11.9 17.9



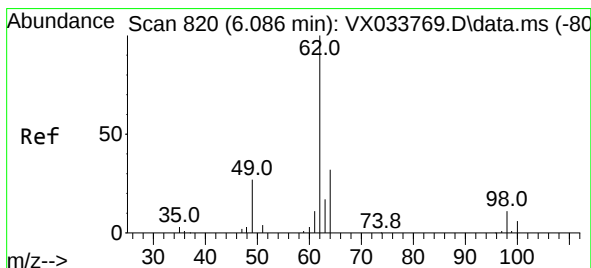
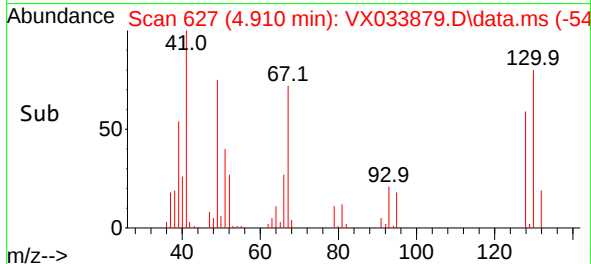
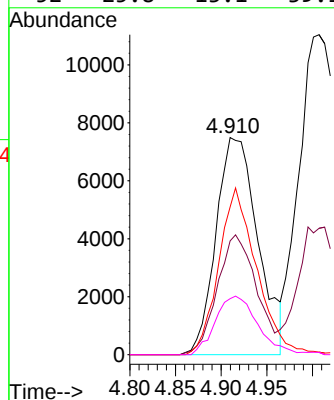


#35
Methacrylonitrile
Concen: 19.668 ug/l
RT: 4.910 min Scan# 61
Delta R.T. -0.012 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :

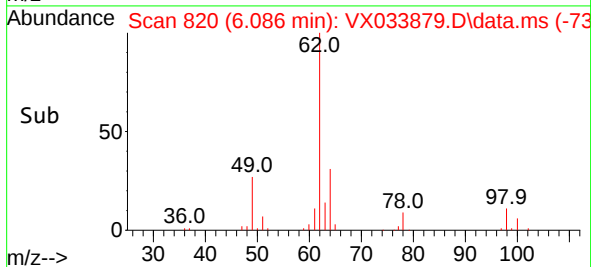
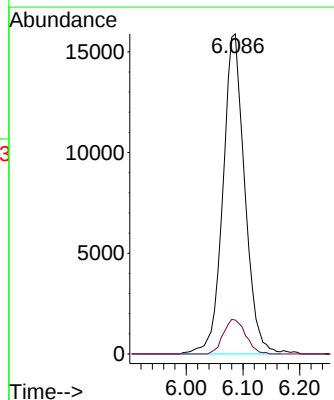
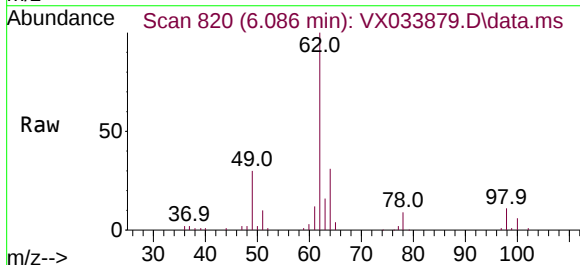


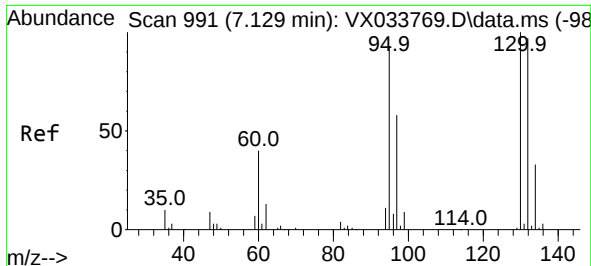
Tgt Ion: 41	Resp: 23907
Ion Ratio	Lower Upper
41 100	
39 52.4	27.0 80.8
67 68.0	37.3 111.8
52 25.8	13.1 39.1



#36
1,2-Dichloroethane
Concen: 20.105 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 62	Resp: 42404
Ion Ratio	Lower Upper
62 100	
98 11.0	8.2 12.4





#37

Trichloroethene

Concen: 22.028 ug/l

RT: 7.123 min Scan# 991

Delta R.T. -0.006 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

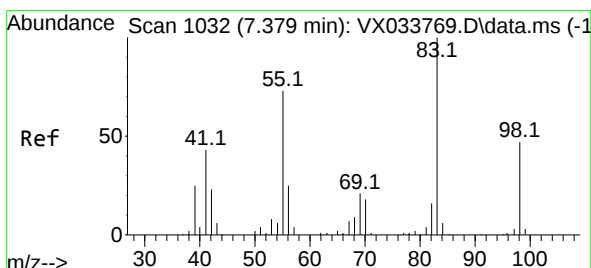
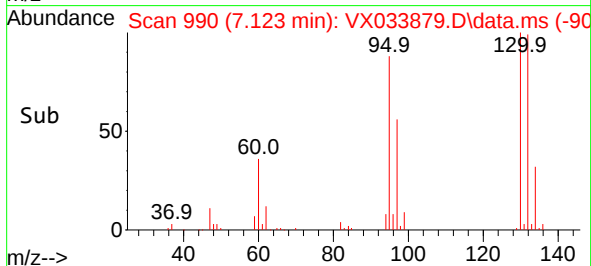
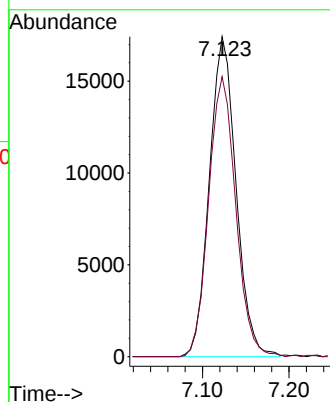
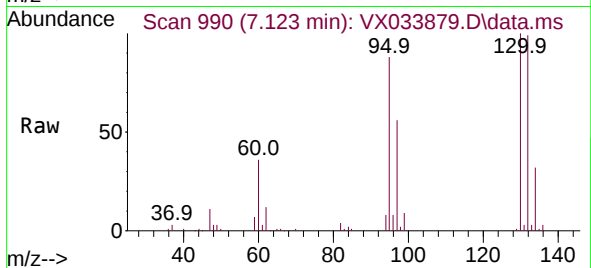
ClientSampleId :

Tgt Ion:130 Resp: 37301

Ion Ratio Lower Upper

130 100

95 87.5 74.1 111.1



#38

Methylcyclohexane

Concen: 22.396 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

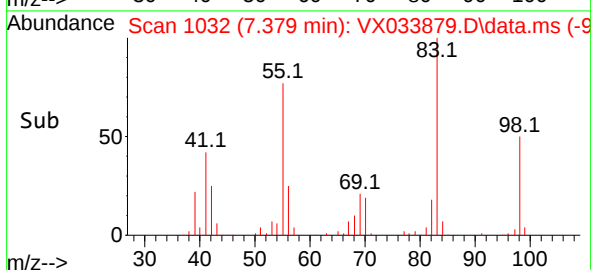
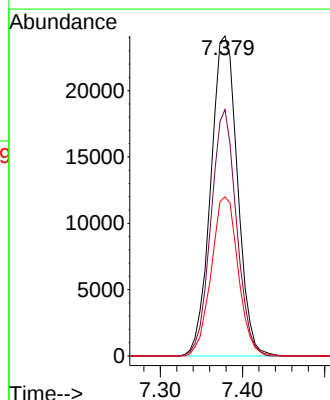
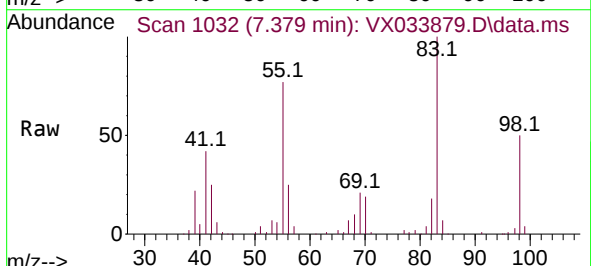
Tgt Ion: 83 Resp: 54441

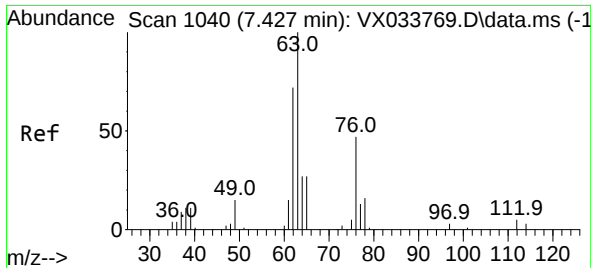
Ion Ratio Lower Upper

83 100

55 73.5 38.9 116.6

98 50.2 25.4 76.4





#39

1,2-Dichloropropane

Concen: 21.188 ug/l

RT: 7.427 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

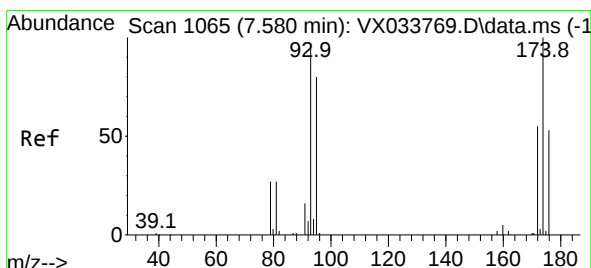
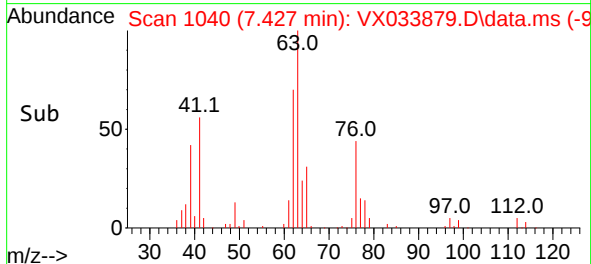
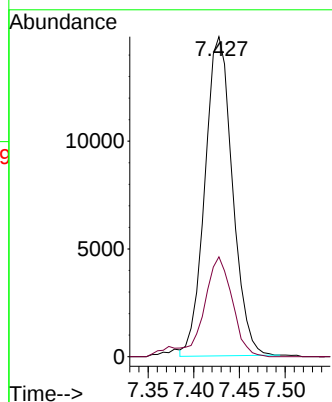
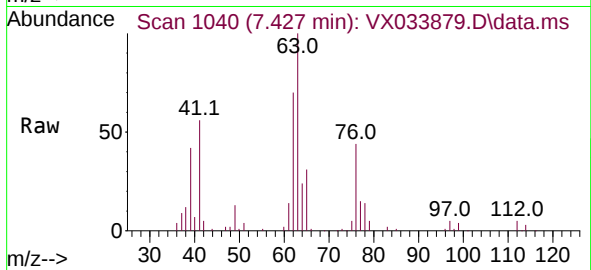
ClientSampleId :

Tgt Ion: 63 Resp: 31102

Ion Ratio Lower Upper

63 100

65 31.4 23.6 35.4



#40

Dibromomethane

Concen: 21.273 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

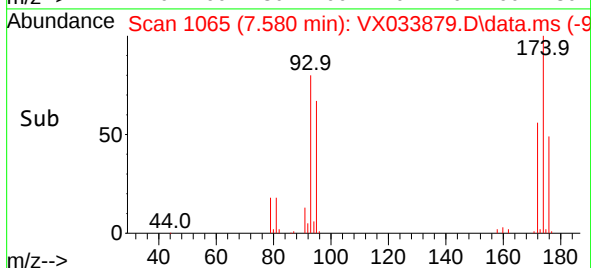
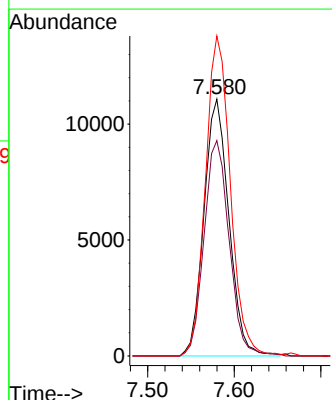
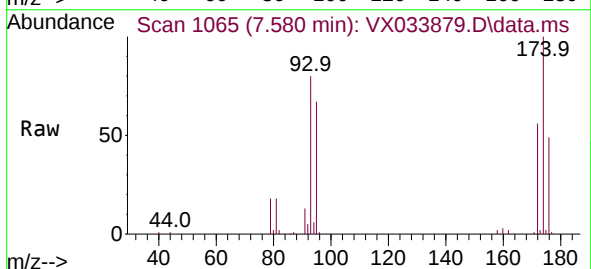
Tgt Ion: 93 Resp: 22195

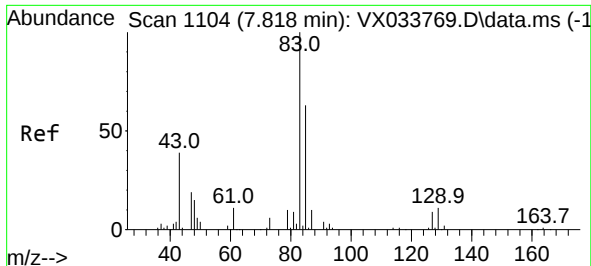
Ion Ratio Lower Upper

93 100

95 84.3 0.0 165.4

174 124.4 0.0 227.2

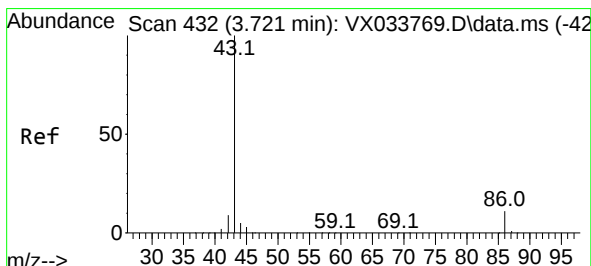
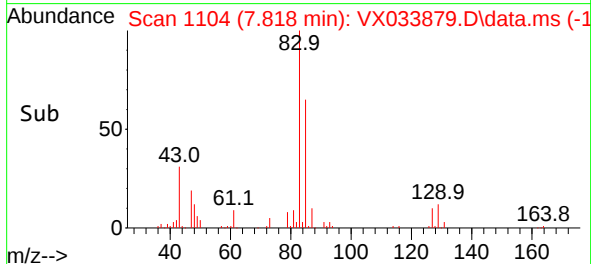
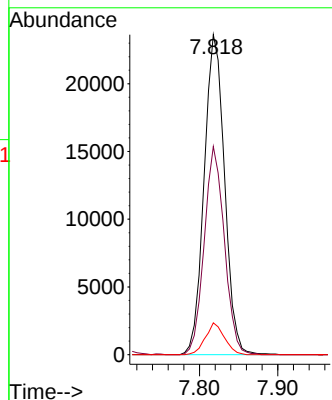
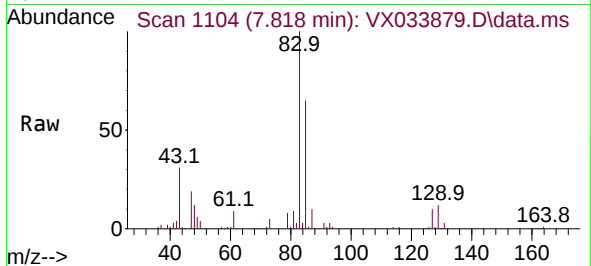




#41
Bromodichloromethane
Concen: 21.493 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

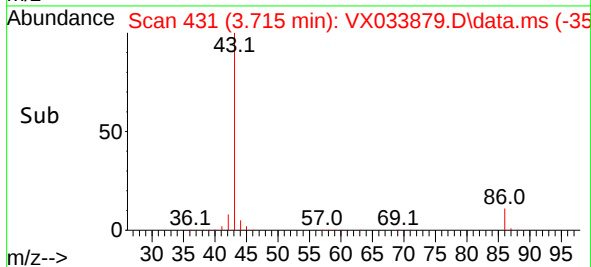
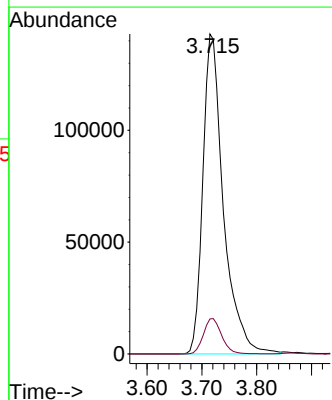
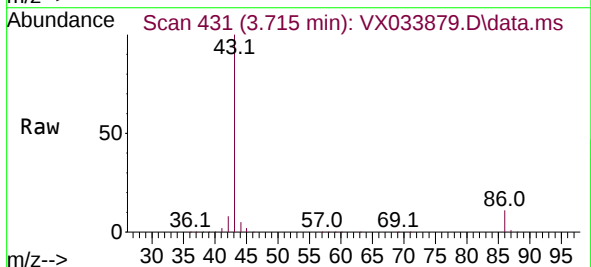
Instrument :
MSVOA_X
ClientSampleId :

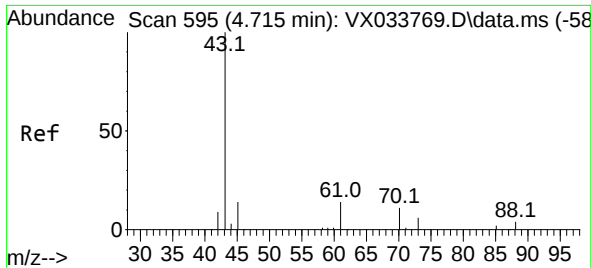
Tgt Ion: 83 Resp: 42785
Ion Ratio Lower Upper
83 100
85 65.1 50.5 75.7
127 10.0 7.2 10.8



#42
Vinyl Acetate
Concen: 99.287 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 43 Resp: 372371
Ion Ratio Lower Upper
43 100
86 9.8 7.5 11.3

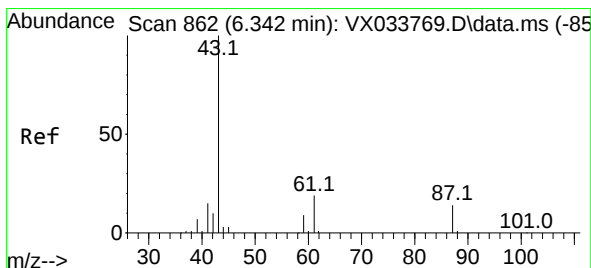
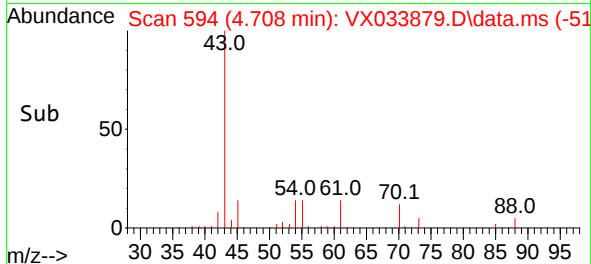
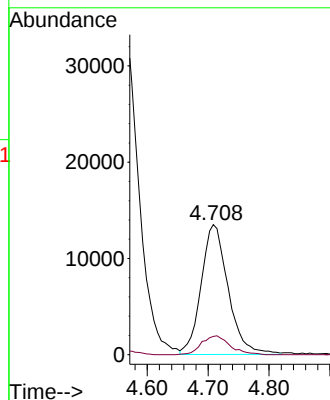
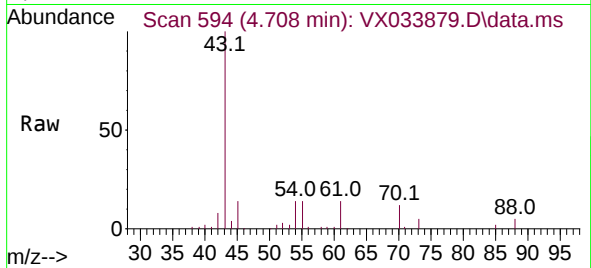




#43
Ethyl Acetate
Concen: 19.043 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

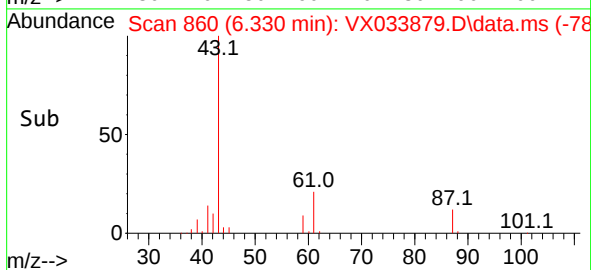
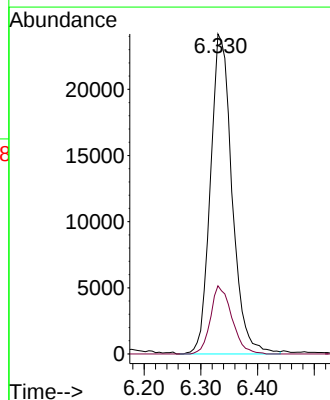
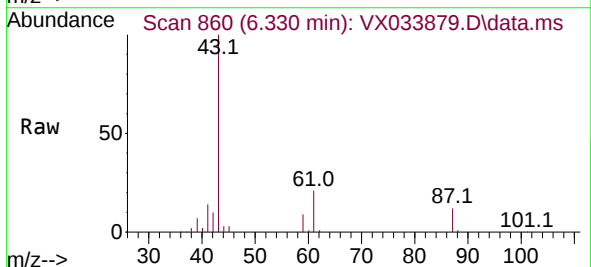
Instrument :
MSVOA_X
ClientSampleId :

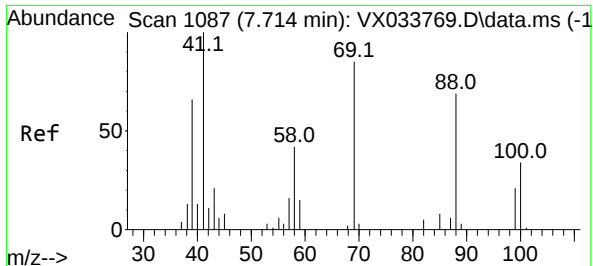
Tgt Ion: 43 Resp: 41550
Ion Ratio Lower Upper
43 100
45 15.3 12.1 18.1



#44
Isopropyl Acetate
Concen: 19.312 ug/l
RT: 6.330 min Scan# 860
Delta R.T. -0.012 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 43 Resp: 64073
Ion Ratio Lower Upper
43 100
61 20.9 15.6 23.4





#45

1,4-Dioxane

Concen: 362.037 ug/l

RT: 7.708 min Scan# 1086

Delta R.T. -0.006 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

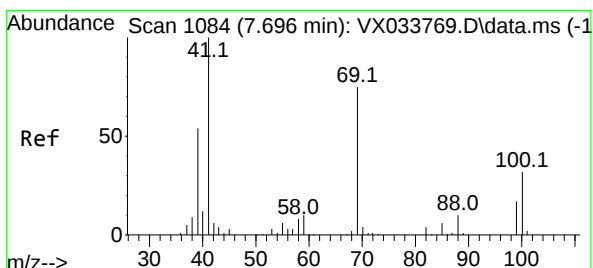
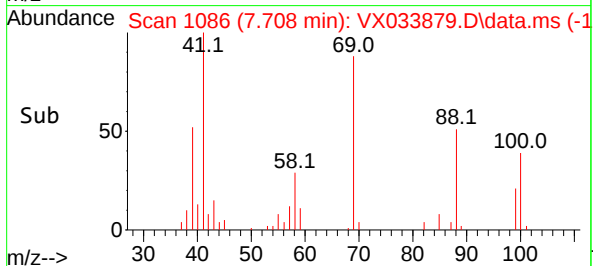
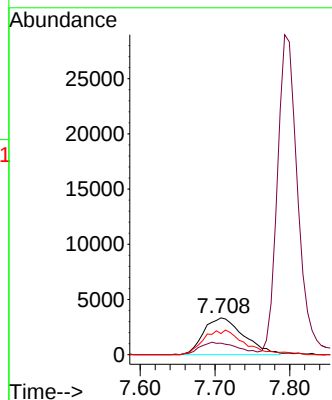
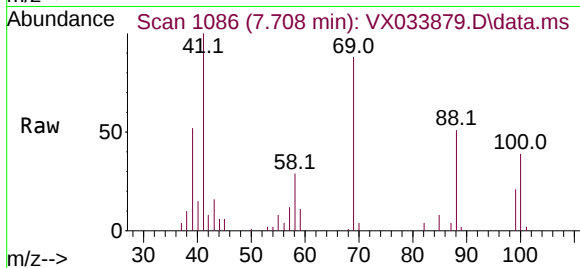
Tgt Ion: 88 Resp: 12414

Ion Ratio Lower Upper

88 100

43 31.8 2.8 4.2#

58 66.1 56.5 84.7



#46

Methyl methacrylate

Concen: 19.322 ug/l

RT: 7.690 min Scan# 1083

Delta R.T. -0.006 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

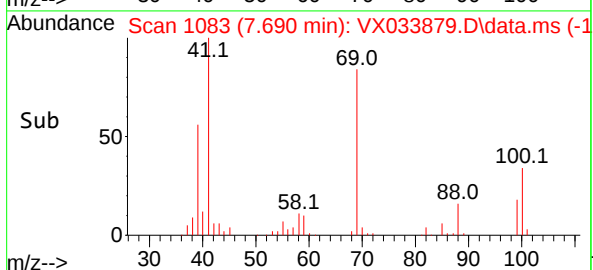
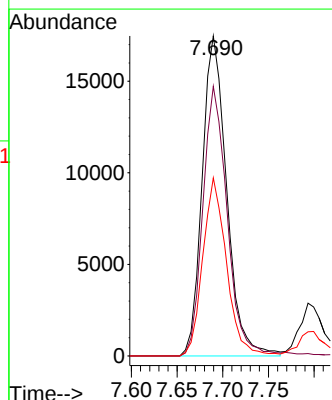
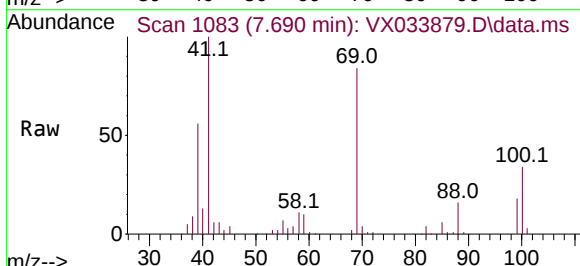
Tgt Ion: 41 Resp: 32551

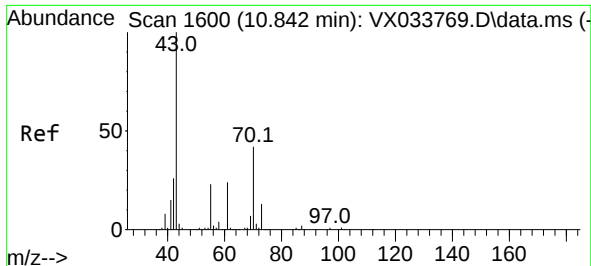
Ion Ratio Lower Upper

41 100

69 84.3 37.4 112.2

39 55.7 27.2 81.5





#47

n-amyl acetate

Concen: 18.742 ug/l

RT: 10.842 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

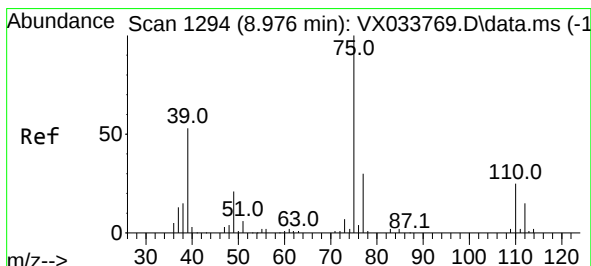
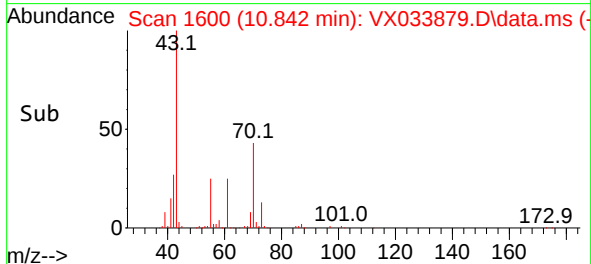
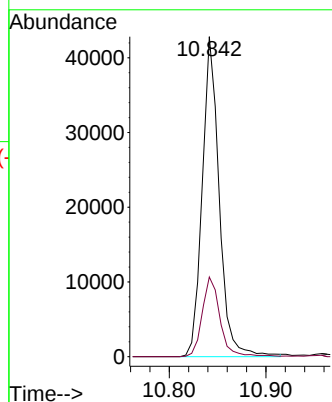
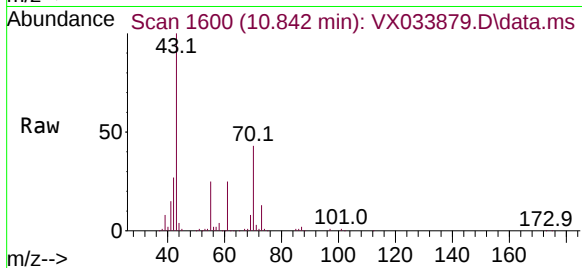
ClientSampleId :

Tgt Ion: 43 Resp: 52455

Ion Ratio Lower Upper

43 100

55 25.8 19.8 29.6



#48

t-1,3-Dichloropropene

Concen: 20.234 ug/l

RT: 8.976 min Scan# 1294

Delta R.T. 0.000 min

Lab File: VX033879.D

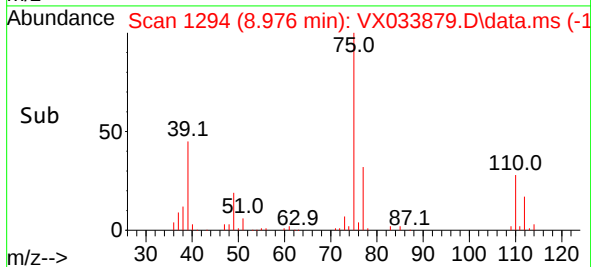
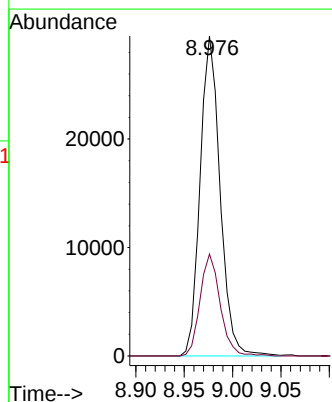
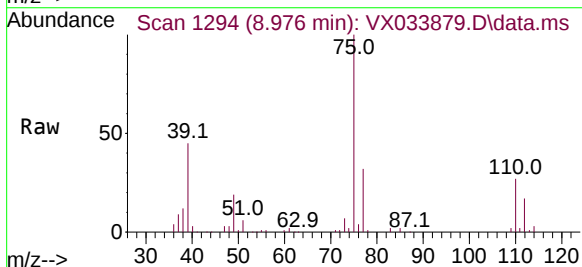
Acq: 25 Jan 2023 10:05

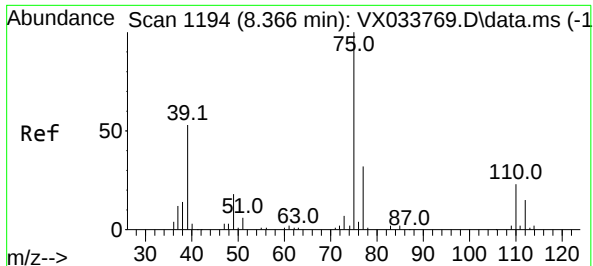
Tgt Ion: 75 Resp: 42434

Ion Ratio Lower Upper

75 100

77 31.8 24.0 36.0





#49

cis-1,3-Dichloropropene

Concen: 20.440 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

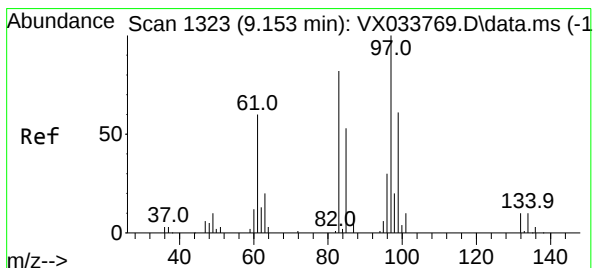
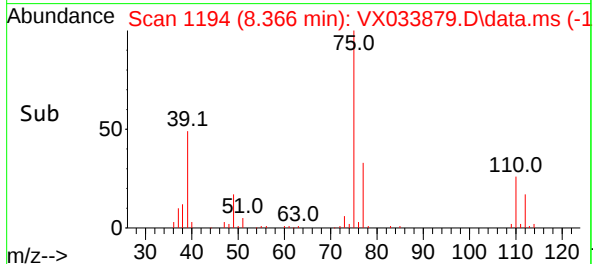
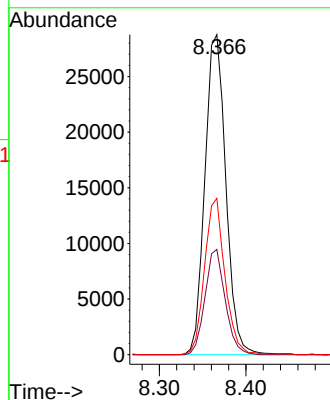
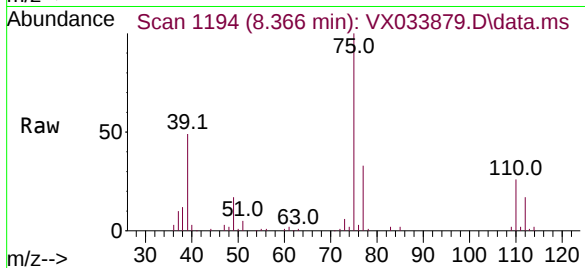
Tgt Ion: 75 Resp: 48389

Ion Ratio Lower Upper

75 100

77 32.9 25.8 38.8

39 48.8 42.2 63.2



#50

1,1,2-Trichloroethane

Concen: 21.185 ug/l

RT: 9.147 min Scan# 1322

Delta R.T. -0.006 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Tgt Ion: 97 Resp: 32790

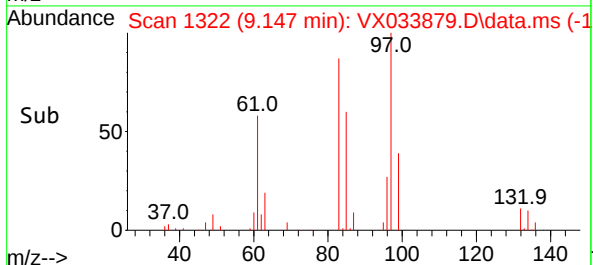
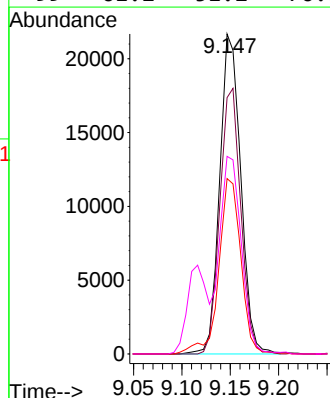
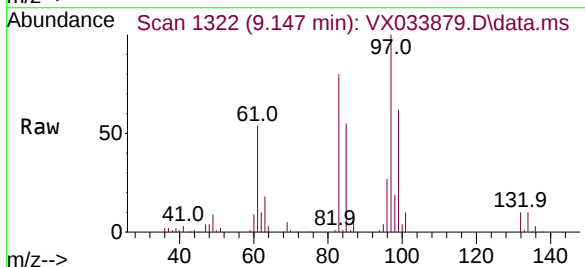
Ion Ratio Lower Upper

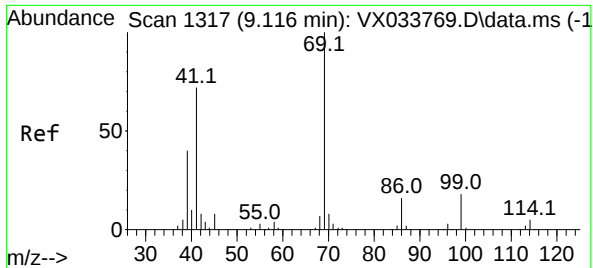
97 100

83 80.1 65.4 98.0

85 54.5 42.5 63.7

99 61.2 51.2 76.8

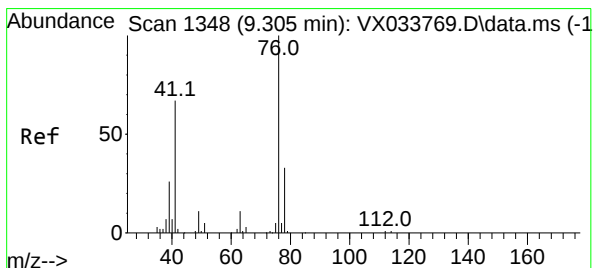
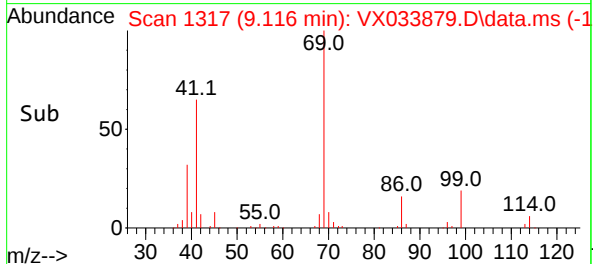
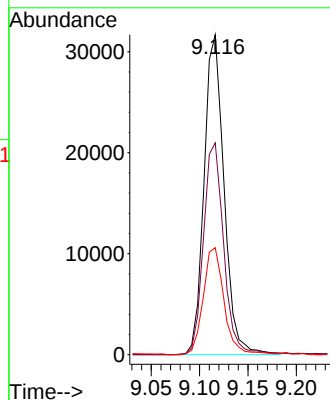
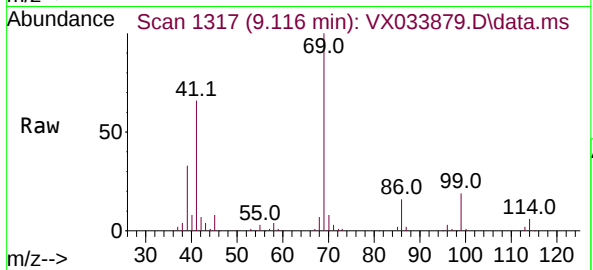




#51
Ethyl methacrylate
Concen: 19.891 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

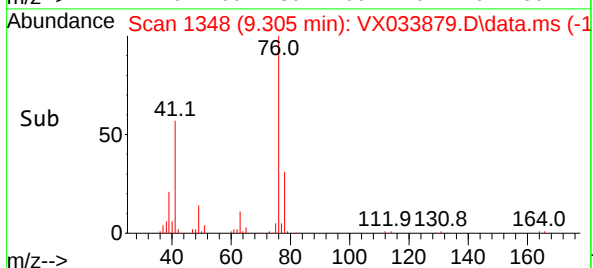
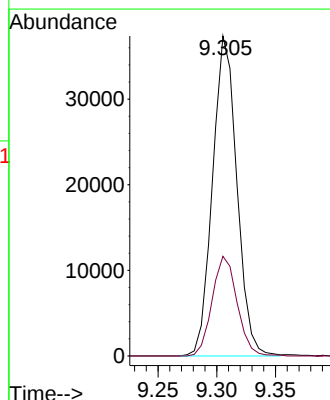
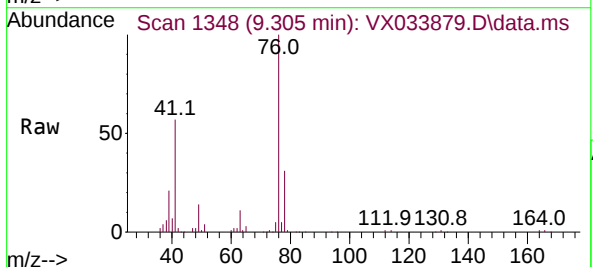
Instrument :
MSVOA_X
ClientSampleId :

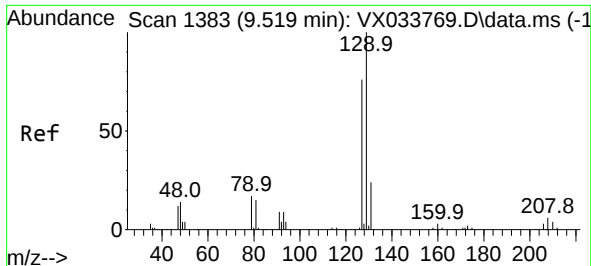
Tgt Ion: 69 Resp: 45612
Ion Ratio Lower Upper
69 100
41 66.0 35.8 107.3
39 33.4 20.2 60.6



#52
1,3-Dichloropropane
Concen: 20.642 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 76 Resp: 53843
Ion Ratio Lower Upper
76 100
78 31.9 0.0 65.6

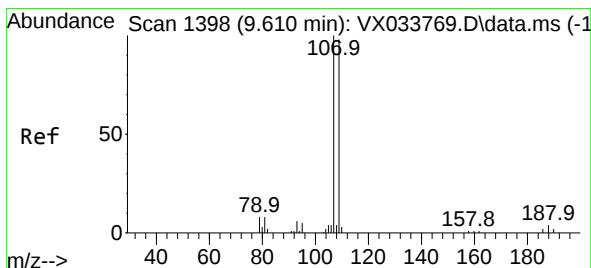
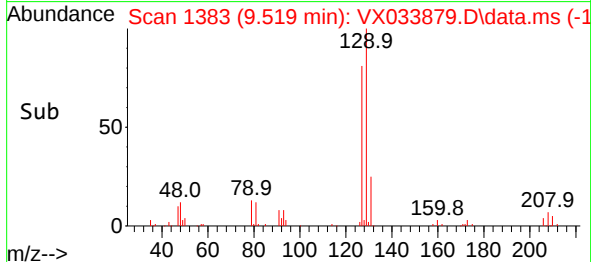
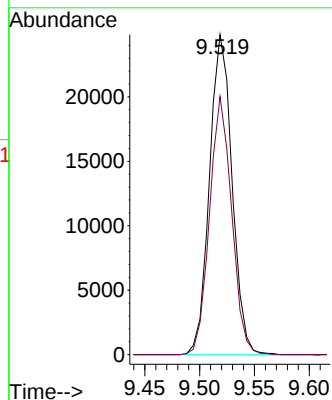
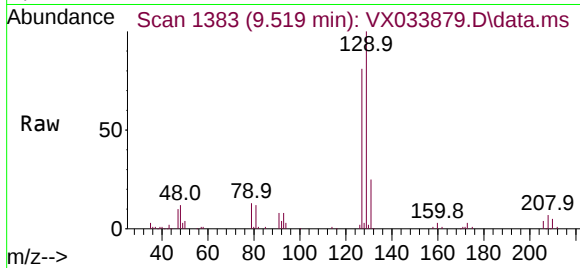




#53
Dibromochloromethane
Concen: 21.029 ug/l
RT: 9.519 min Scan# 1383
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

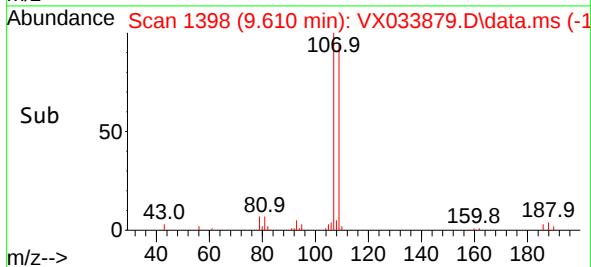
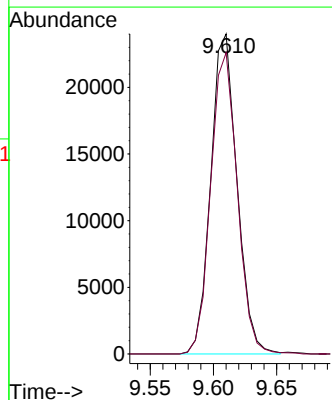
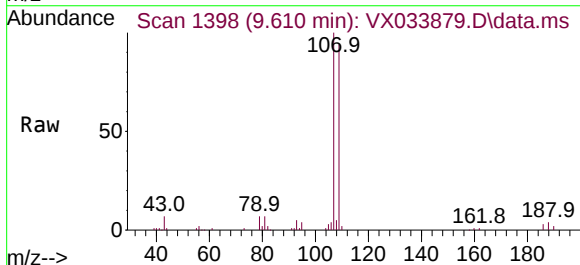
Instrument :
MSVOA_X
ClientSampleId :

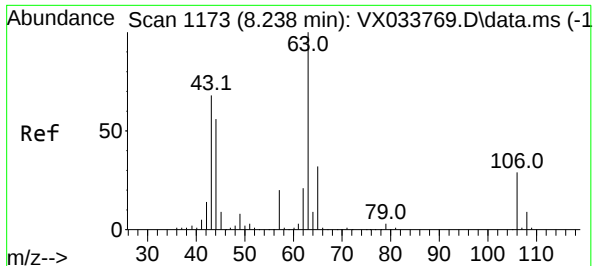
Tgt Ion:129 Resp: 35549
Ion Ratio Lower Upper
129 100
127 78.9 38.6 116.0



#54
1,2-Dibromoethane
Concen: 20.769 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion:107 Resp: 34724
Ion Ratio Lower Upper
107 100
109 95.1 75.7 113.5





#55

2-Chloroethyl vinyl ether

Concen: 94.718 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

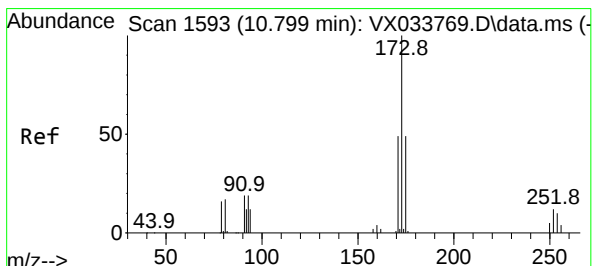
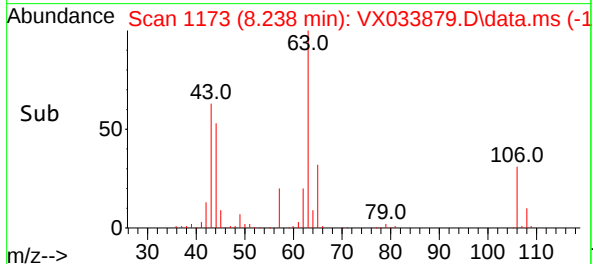
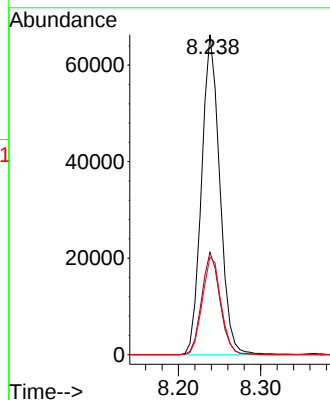
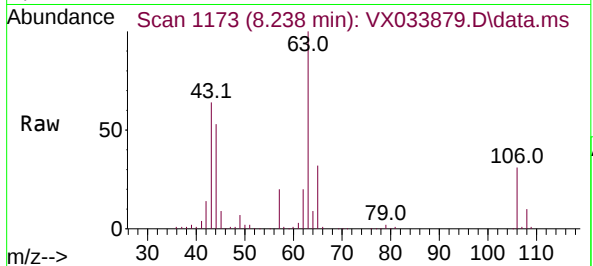
Tgt Ion: 63 Resp: 101974

Ion Ratio Lower Upper

63 100

65 32.0 25.4 38.2

106 31.3 23.9 35.9



#56

Bromoform

Concen: 21.039 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

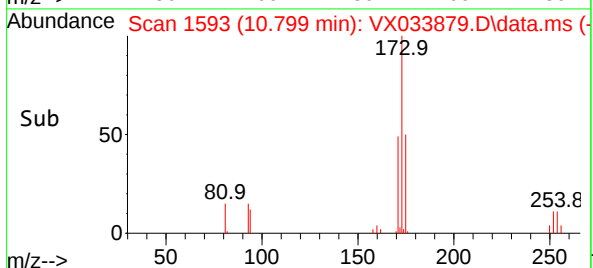
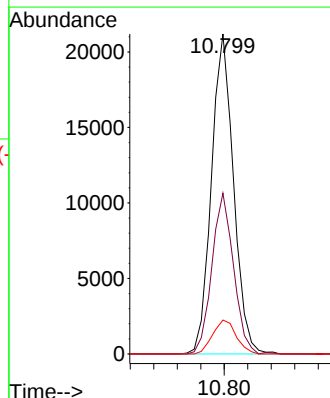
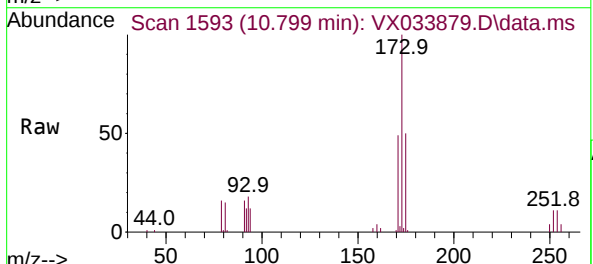
Tgt Ion:173 Resp: 27603

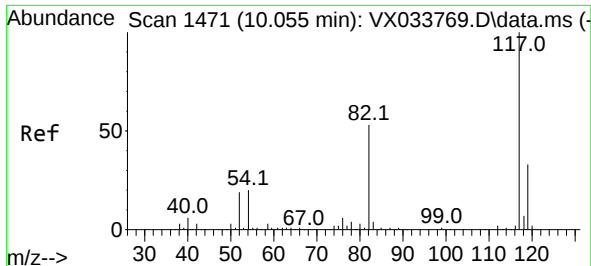
Ion Ratio Lower Upper

173 100

175 49.1 39.8 59.6

254 11.3 9.0 13.6





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

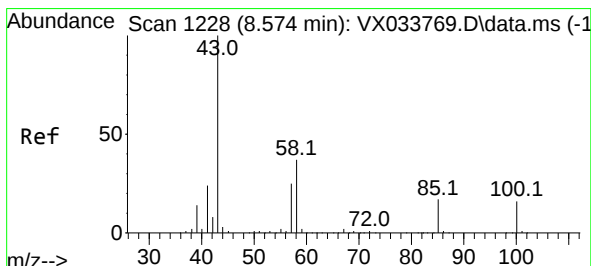
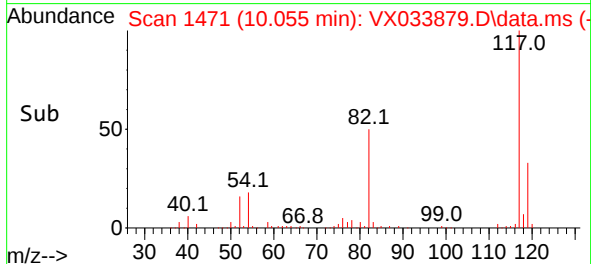
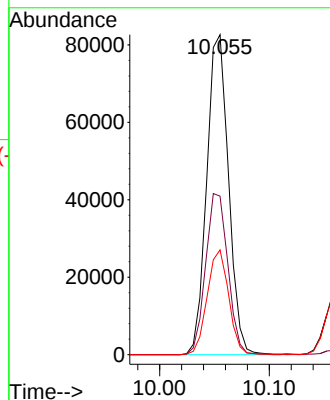
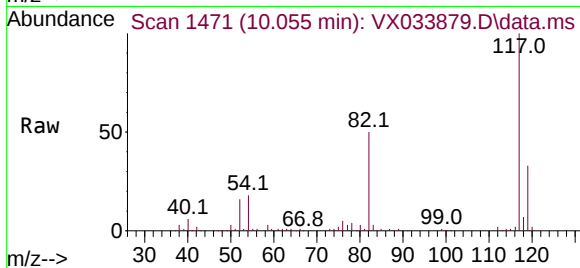
Tgt Ion:117 Resp: 114112

Ion Ratio Lower Upper

117 100

82 51.3 42.6 64.0

119 32.3 26.4 39.6



#58

4-Methyl-2-Pentanone

Concen: 98.692 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. -0.006 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

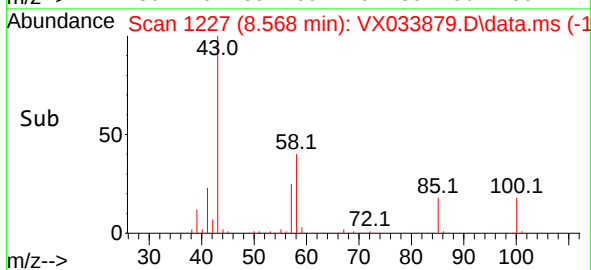
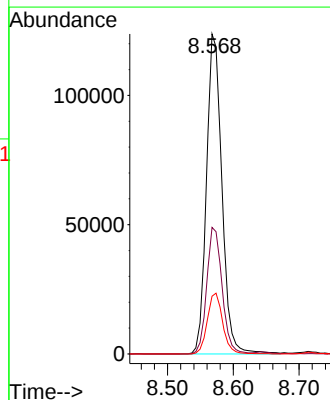
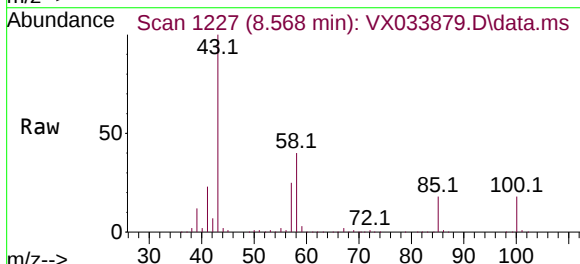
Tgt Ion: 43 Resp: 202429

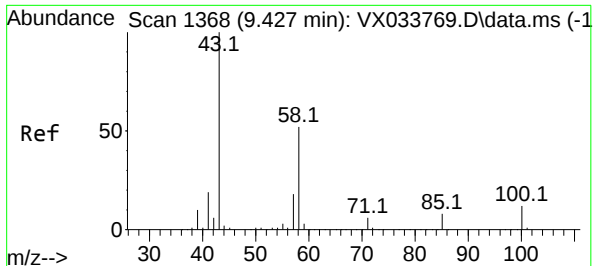
Ion Ratio Lower Upper

43 100

58 39.4 29.8 44.6

85 18.9 13.7 20.5





#59

2-Hexanone

Concen: 103.091 ug/l

RT: 9.427 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

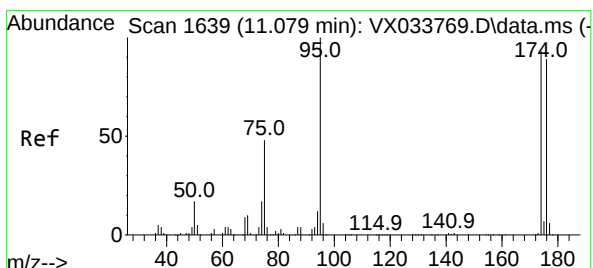
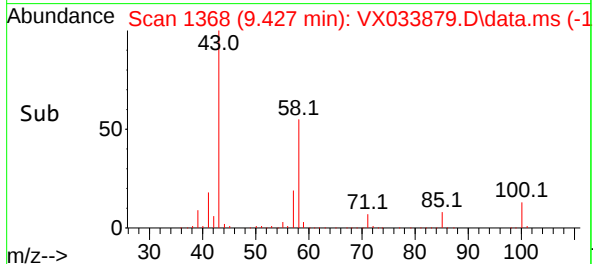
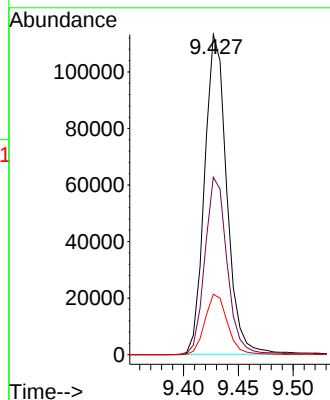
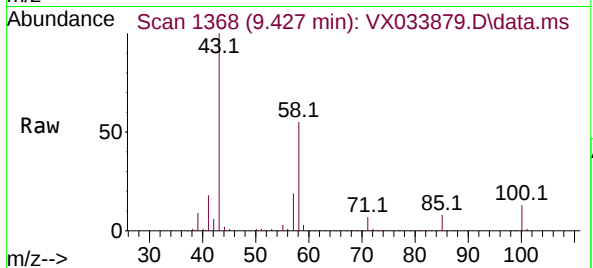
Tgt Ion: 43 Resp: 158878

Ion Ratio Lower Upper

43 100

58 55.9 41.6 62.4

57 19.4 14.6 21.8



#60

4-Bromofluorobenzene

Concen: 29.638 ug/l

RT: 11.079 min Scan# 1639

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

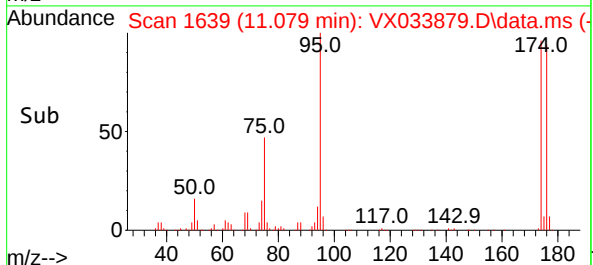
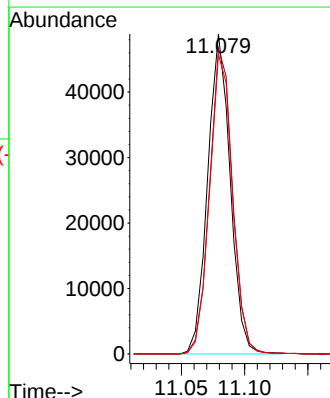
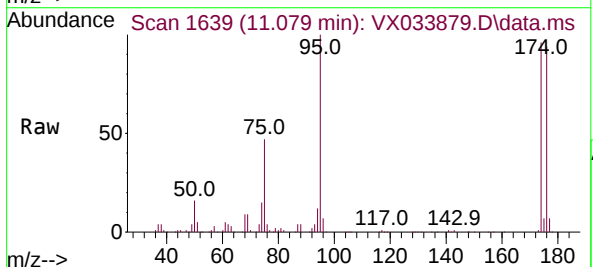
Tgt Ion: 95 Resp: 60462

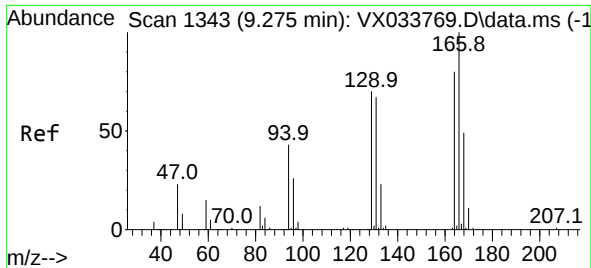
Ion Ratio Lower Upper

95 100

174 97.8 74.6 111.8

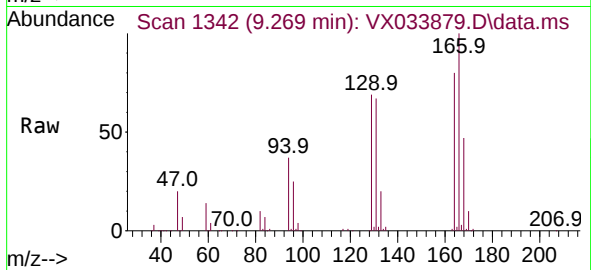
176 95.1 72.2 108.2



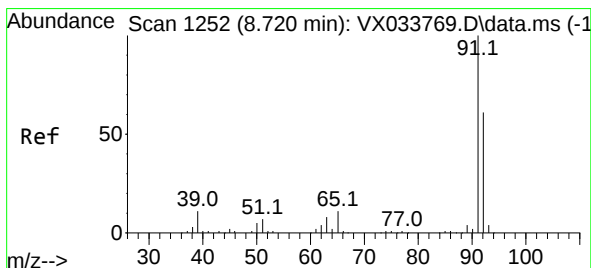
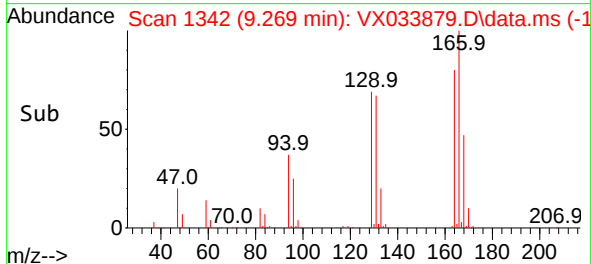
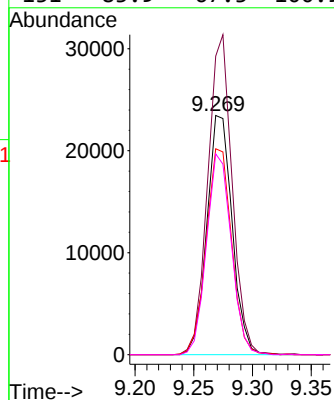


#61
Tetrachloroethene
Concen: 23.274 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :

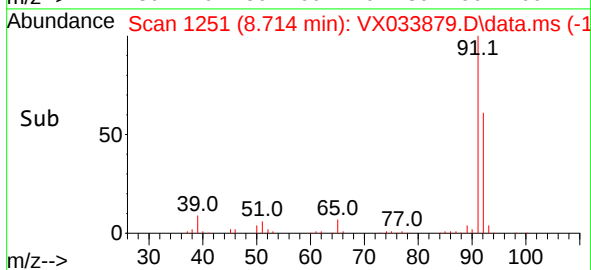
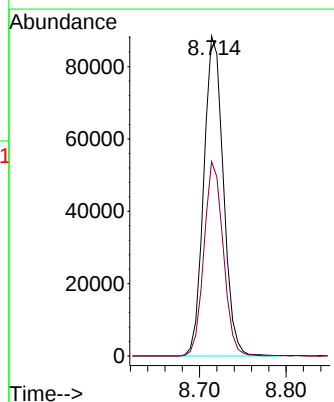
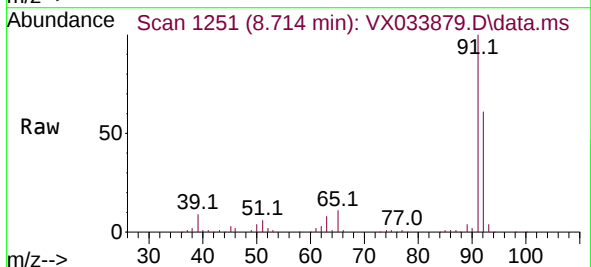


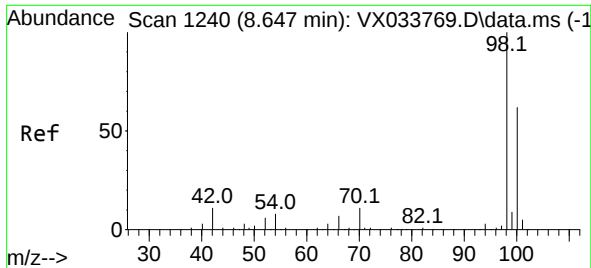
Tgt Ion:164 Resp: 34972
Ion Ratio Lower Upper
164 100
166 124.5 100.6 151.0
129 86.1 69.9 104.9
131 83.9 67.3 100.9



#62
Toluene
Concen: 21.752 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 91 Resp: 138846
Ion Ratio Lower Upper
91 100
92 59.6 47.5 71.3

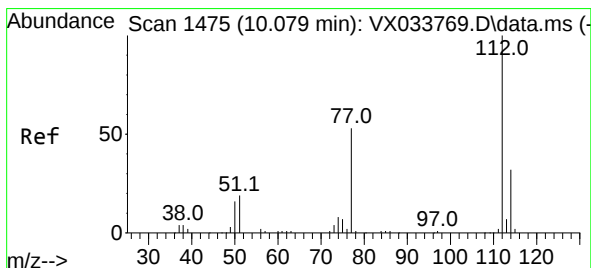
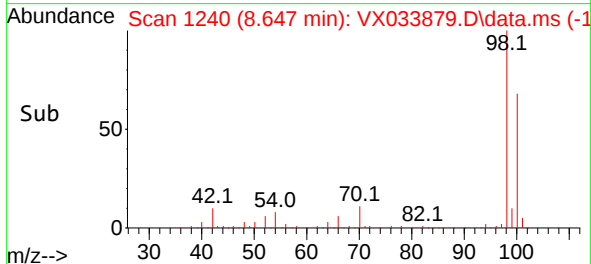
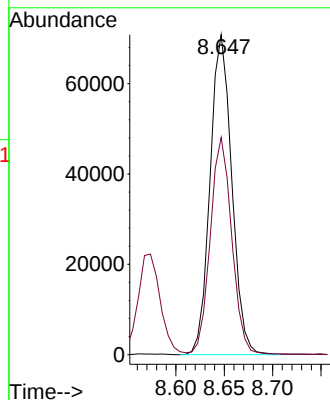
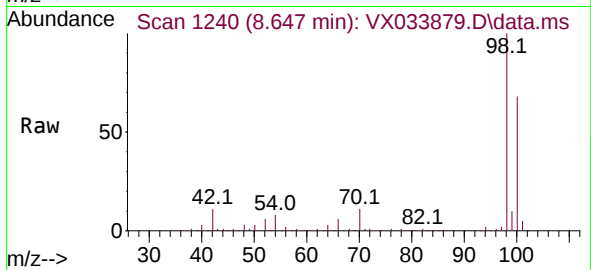




#63
Toluene-d8
Concen: 30.352 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

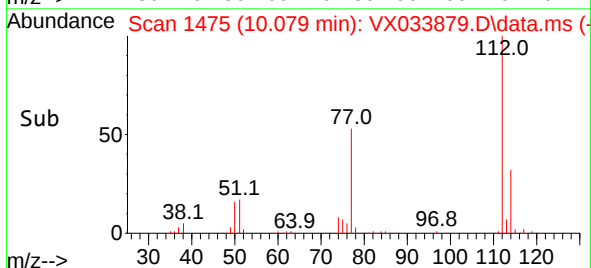
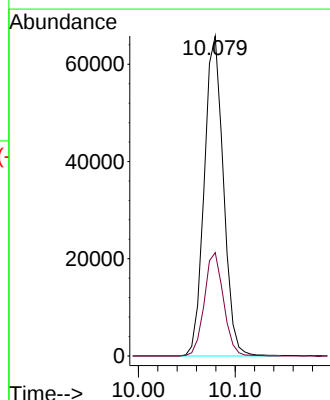
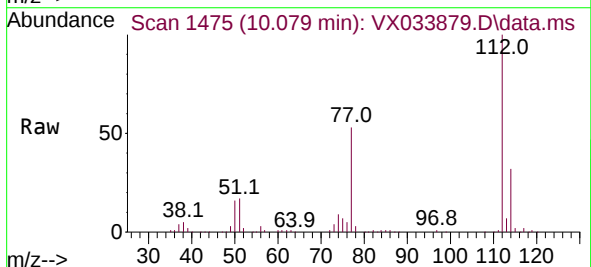
Instrument :
MSVOA_X
ClientSampleId :

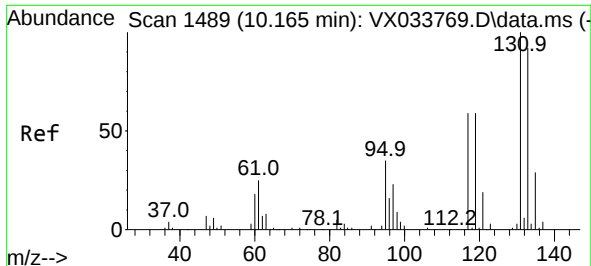
Tgt Ion: 98 Resp: 110503
Ion Ratio Lower Upper
98 100
100 67.3 52.7 79.1



#64
Chlorobenzene
Concen: 21.374 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 112 Resp: 90955
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5

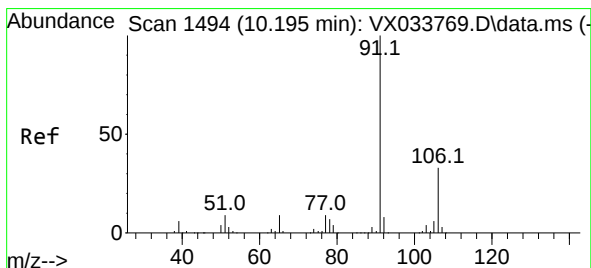
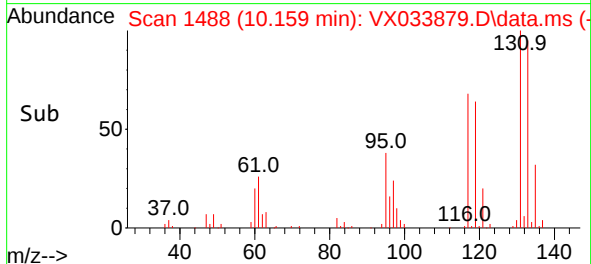
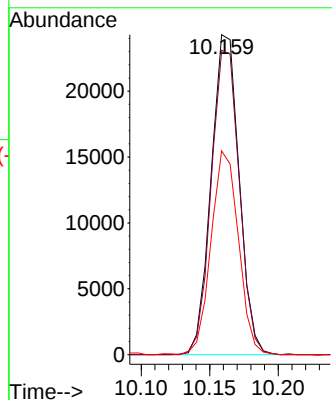
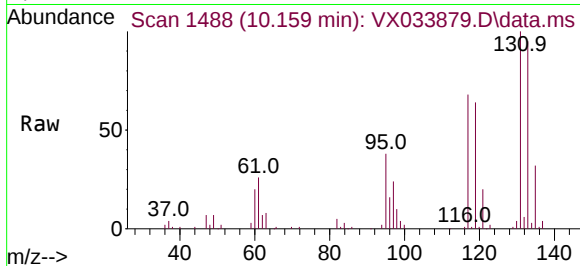




#65
1,1,1,2-Tetrachloroethane
Concen: 21.738 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

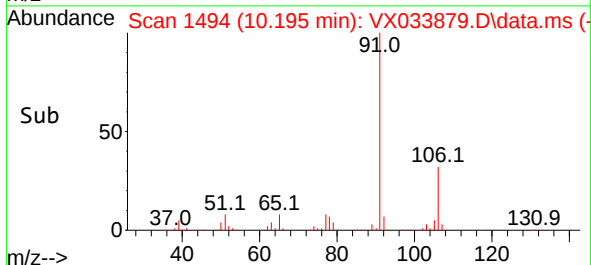
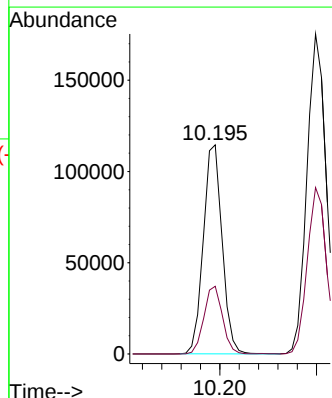
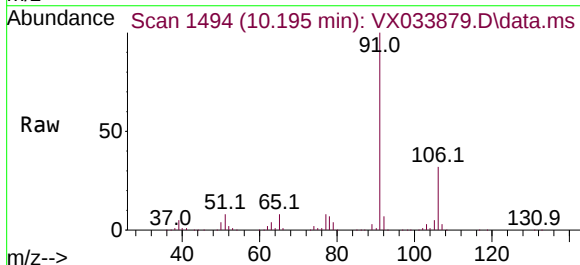
Instrument :
MSVOA_X
ClientSampleId :

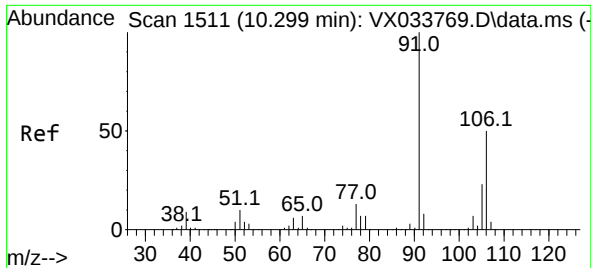
Tgt Ion:131 Resp: 34444
Ion Ratio Lower Upper
131 100
133 95.6 0.0 188.8
119 62.4 0.0 123.4



#66
Ethyl Benzene
Concen: 21.227 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 91 Resp: 155062
Ion Ratio Lower Upper
91 100
106 32.3 26.7 40.1

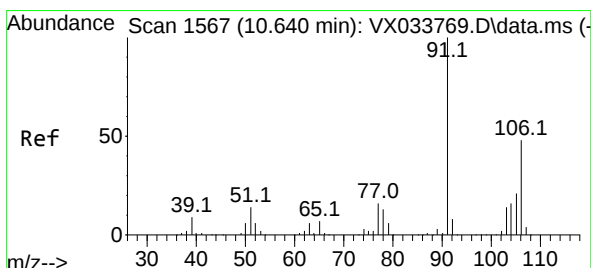
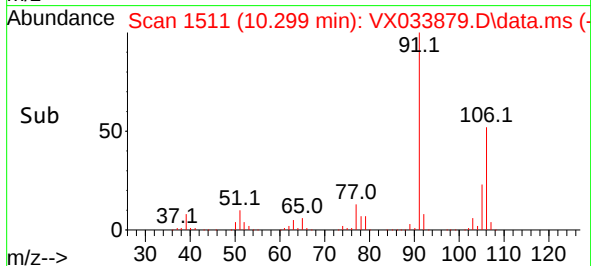
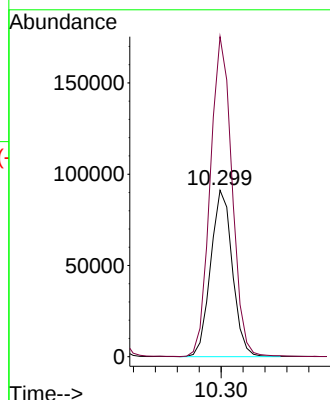
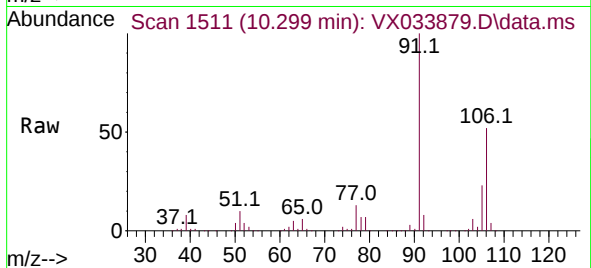




#67
m/p-Xylenes
Concen: 43.580 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

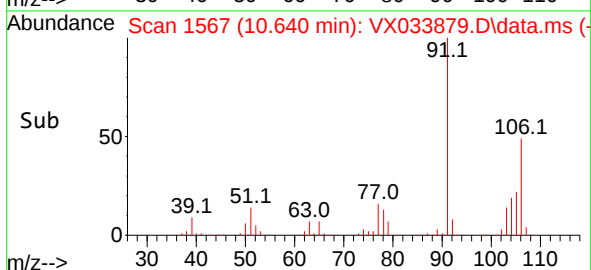
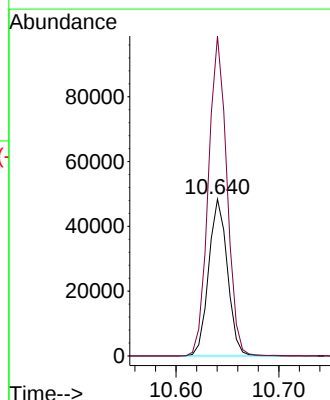
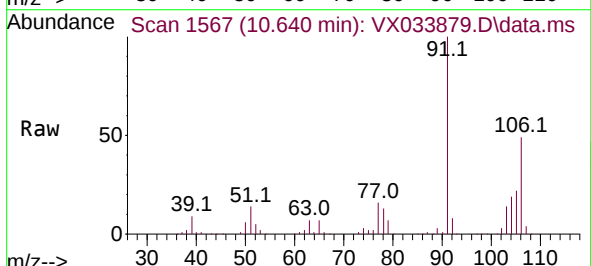
Instrument :
MSVOA_X
ClientSampleId :

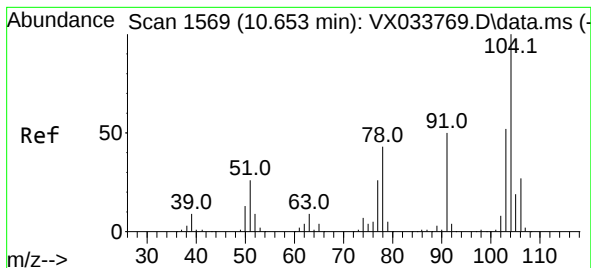
Tgt Ion:106 Resp: 125719
Ion Ratio Lower Upper
106 100
91 192.8 159.7 239.5



#68
o-Xylene
Concen: 21.457 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion:106 Resp: 61383
Ion Ratio Lower Upper
106 100
91 201.5 102.8 308.5





#69

Styrene

Concen: 21.355 ug/l

RT: 10.653 min Scan# 1569

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

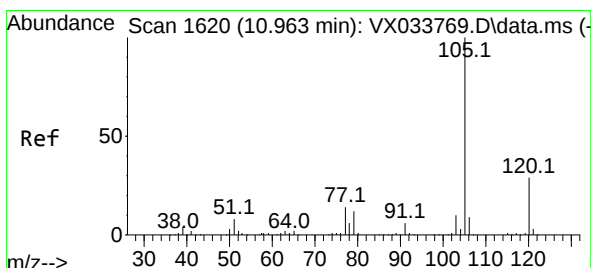
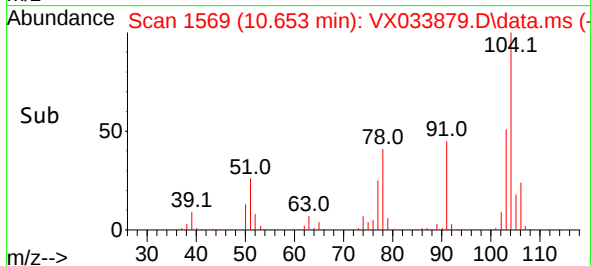
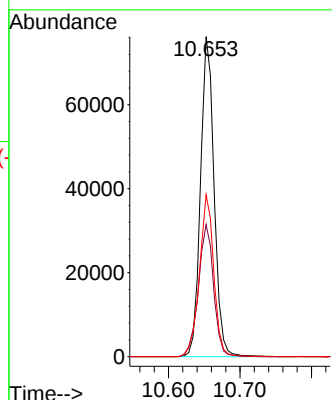
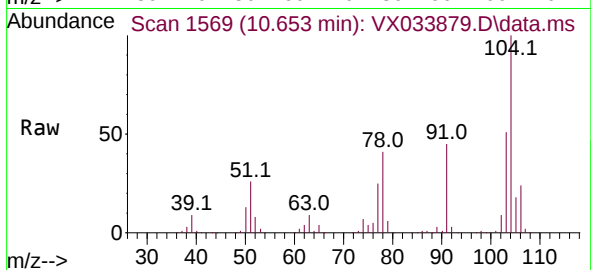
Tgt Ion:104 Resp: 100486

Ion Ratio Lower Upper

104 100

78 46.2 37.6 56.4

103 53.5 44.2 66.4



#70

Isopropylbenzene

Concen: 21.560 ug/l

RT: 10.963 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX033879.D

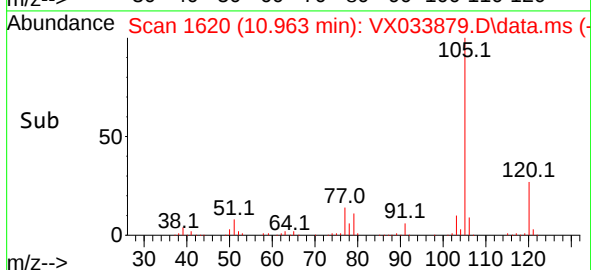
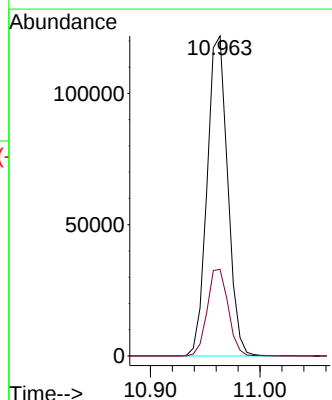
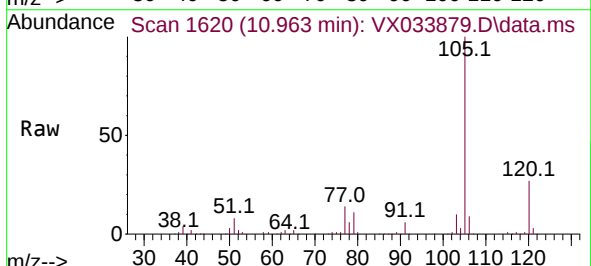
Acq: 25 Jan 2023 10:05

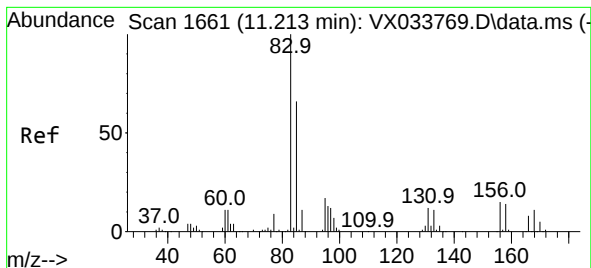
Tgt Ion:105 Resp: 158874

Ion Ratio Lower Upper

105 100

120 27.6 19.7 36.5

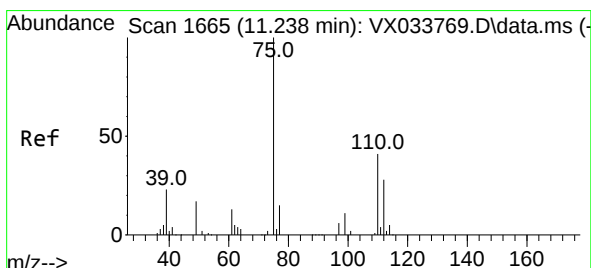
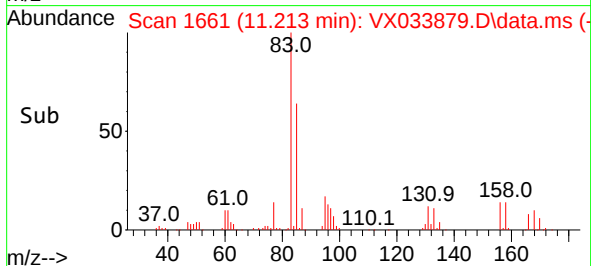
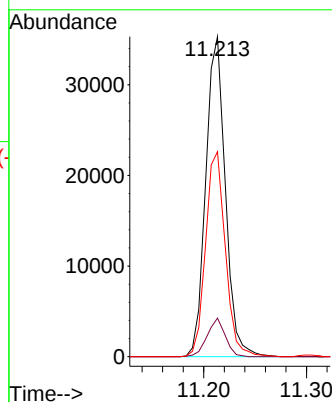
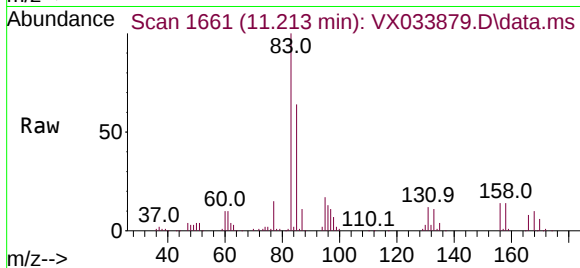




#71
1,1,2,2-Tetrachloroethane
Concen: 21.219 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

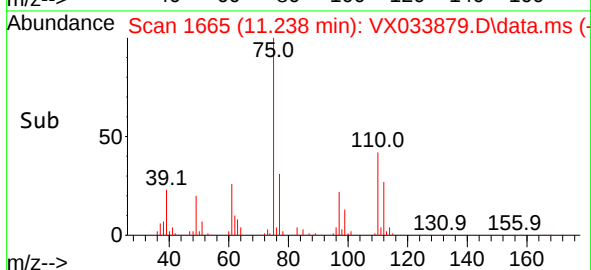
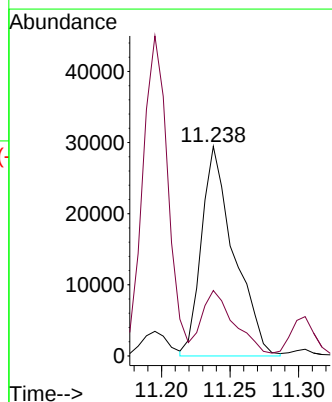
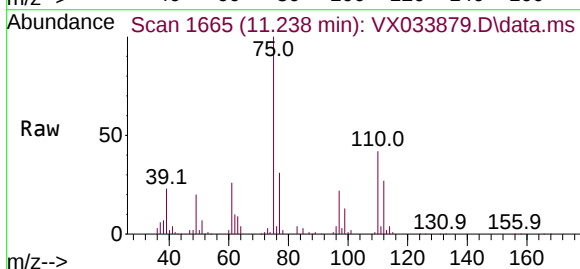
Instrument :
MSVOA_X
ClientSampleId :

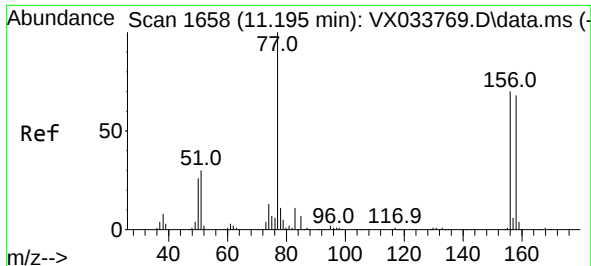
Tgt Ion: 83 Resp: 46881
Ion Ratio Lower Upper
83 100
131 11.1 5.7 17.0
85 64.6 33.3 99.8



#72
1,2,3-Trichloropropane
Concen: 24.219 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

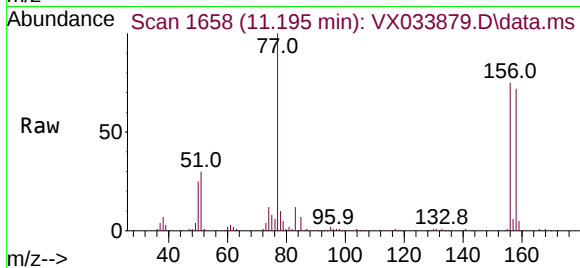
Tgt Ion: 75 Resp: 48756
Ion Ratio Lower Upper
75 100
77 31.9 0.0 75.6



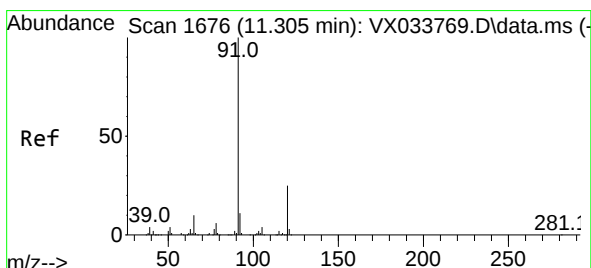
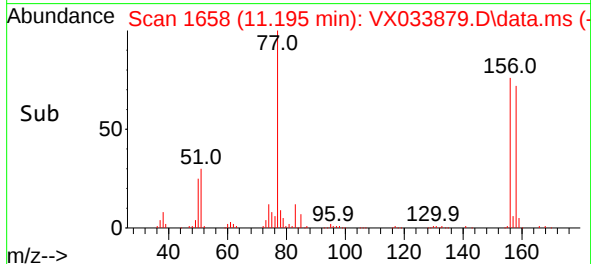
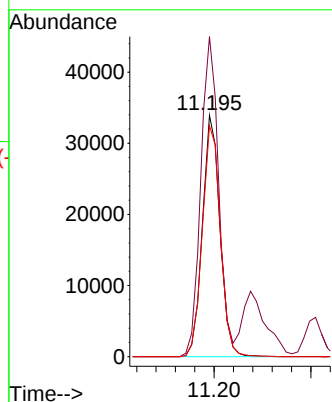


#73
Bromobenzene
Concen: 21.483 ug/l
RT: 11.195 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :

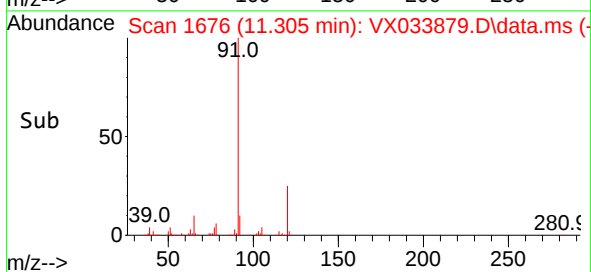
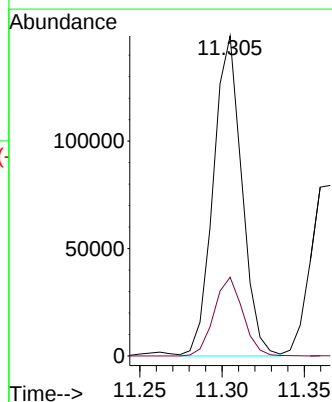
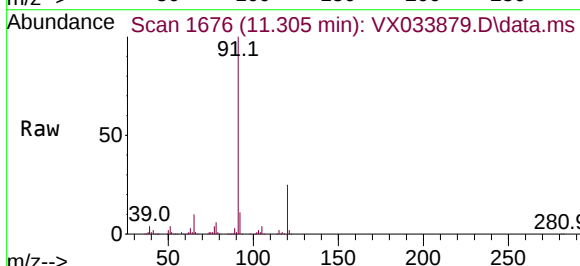


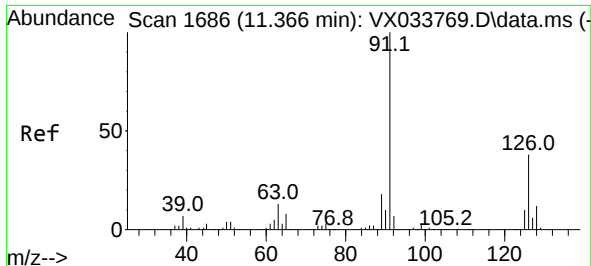
Tgt Ion:156 Resp: 42871
Ion Ratio Lower Upper
156 100
77 134.2 0.0 269.4
158 98.3 0.0 192.6



#74
n-propylbenzene
Concen: 21.453 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 91 Resp: 179577
Ion Ratio Lower Upper
91 100
120 24.8 0.0 48.8

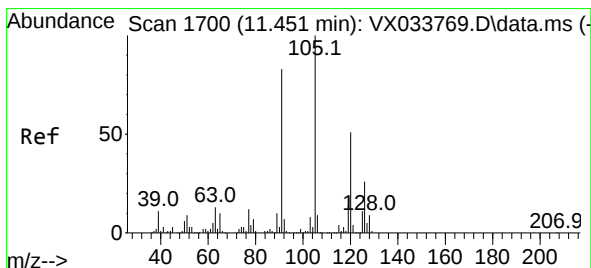
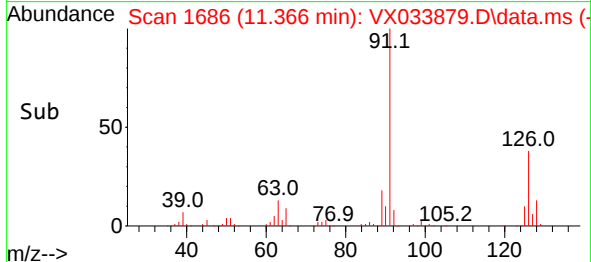
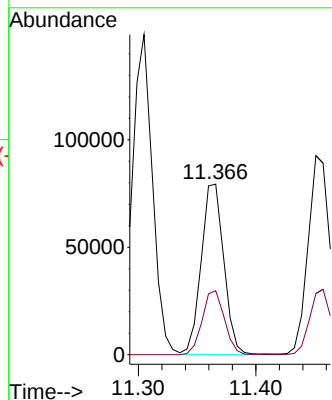
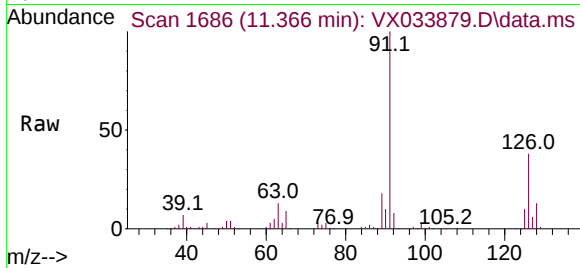




#75
2-Chlorotoluene
Concen: 21.339 ug/l
RT: 11.366 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

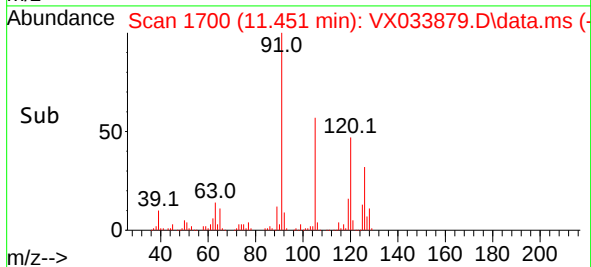
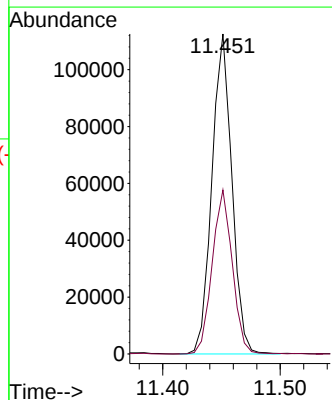
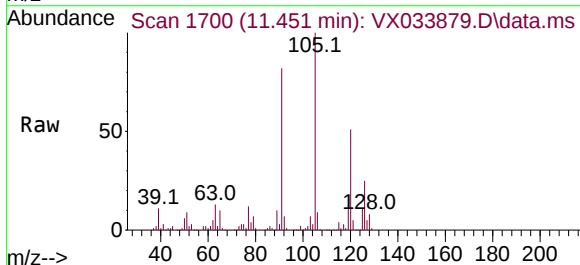
Instrument :
MSVOA_X
ClientSampleId :

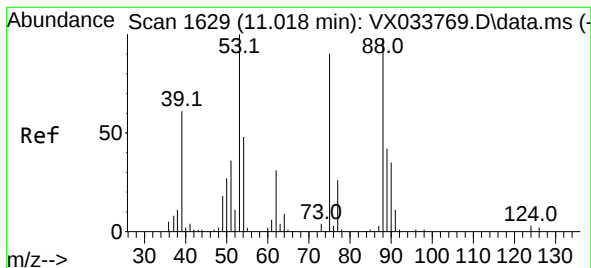
Tgt Ion: 91 Resp: 106252
Ion Ratio Lower Upper
91 100
126 36.6 0.0 73.0



#76
1,3,5-Trimethylbenzene
Concen: 21.755 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 105 Resp: 132942
Ion Ratio Lower Upper
105 100
120 51.5 0.0 102.2

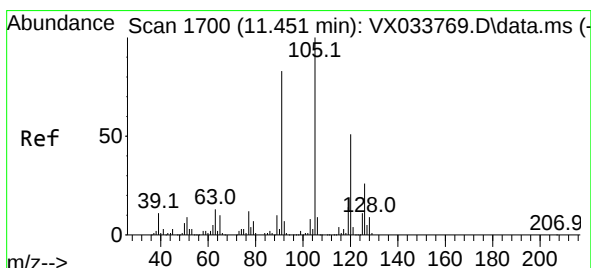
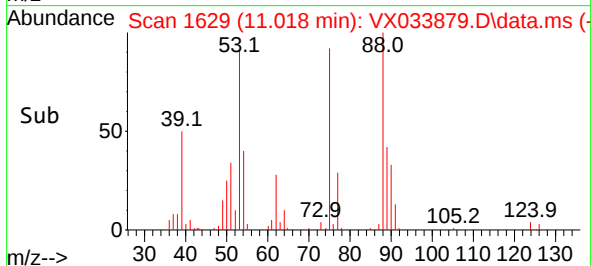
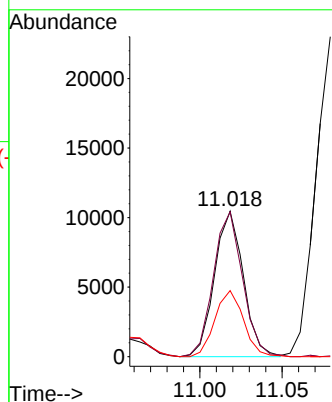
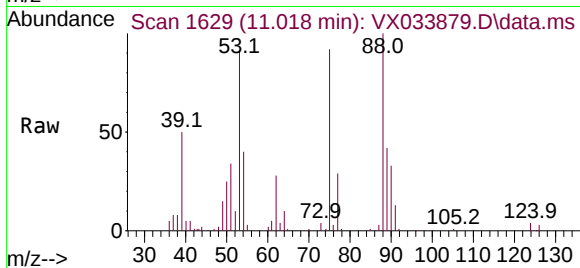




#77
t-1,4-Dichloro-2-butene
Concen: 20.691 ug/l
RT: 11.018 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

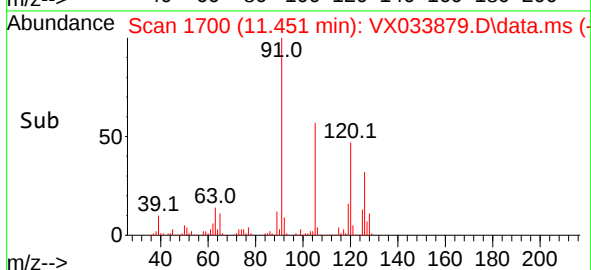
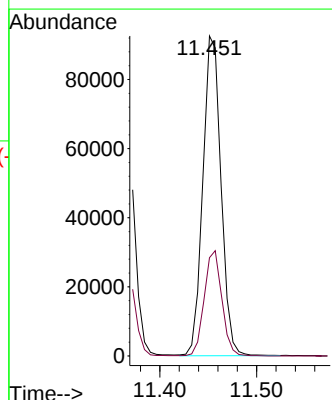
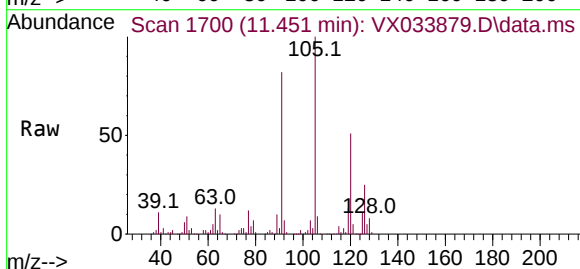
Instrument :
MSVOA_X
ClientSampleId :

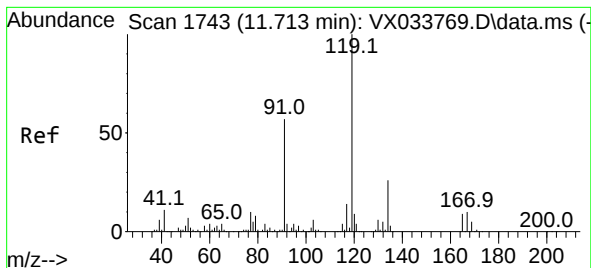
Tgt Ion: 75 Resp: 12798
Ion Ratio Lower Upper
75 100
53 99.6 55.5 166.3
89 45.5 23.3 69.8



#78
4-Chlorotoluene
Concen: 21.626 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion: 91 Resp: 121143
Ion Ratio Lower Upper
91 100
126 31.7 0.0 65.2





#79

tert-butylbenzene

Concen: 21.837 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

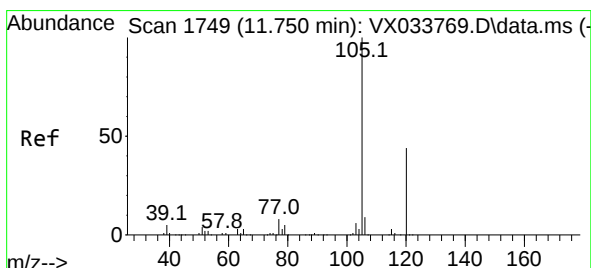
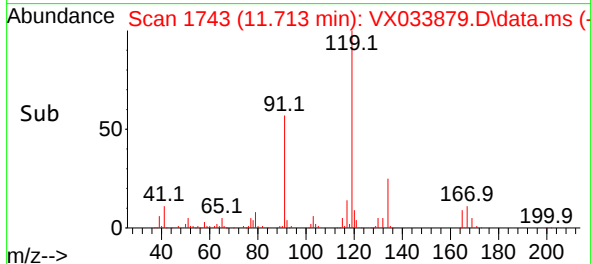
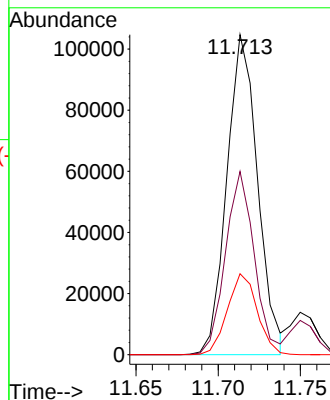
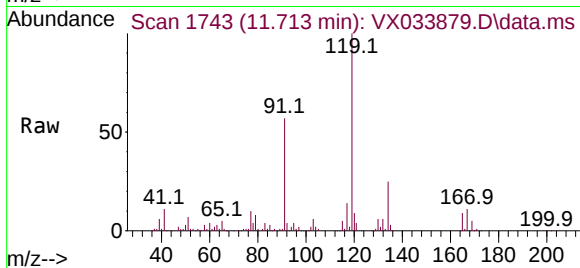
Tgt Ion:119 Resp: 136589

Ion Ratio Lower Upper

119 100

91 53.5 0.0 108.4

134 24.5 0.0 50.0



#80

1,2,4-Trimethylbenzene

Concen: 21.587 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX033879.D

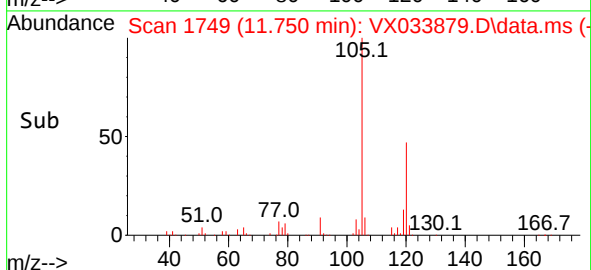
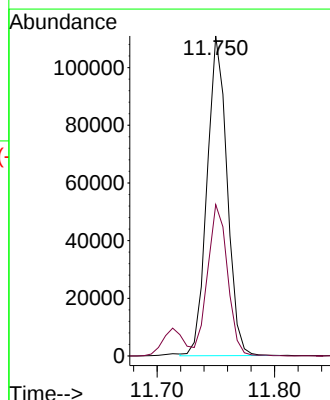
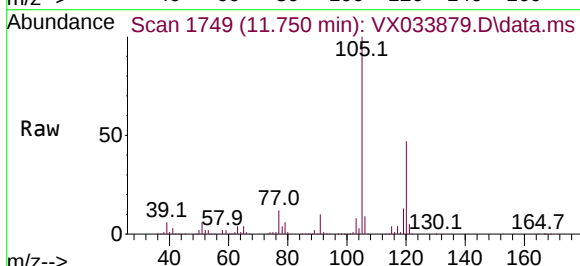
Acq: 25 Jan 2023 10:05

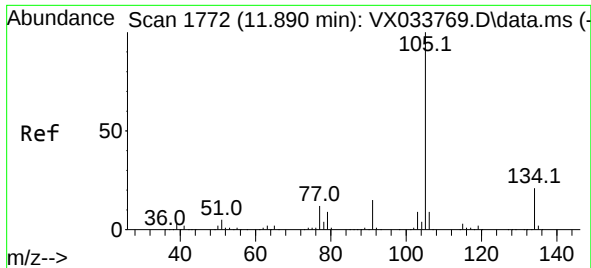
Tgt Ion:105 Resp: 130790

Ion Ratio Lower Upper

105 100

120 46.5 0.0 93.4

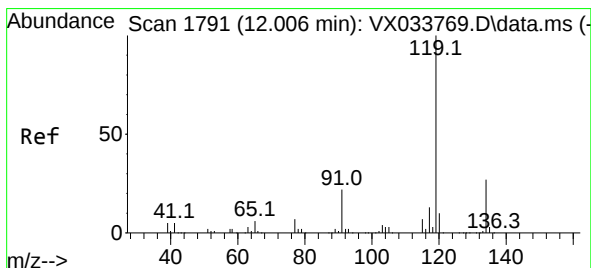
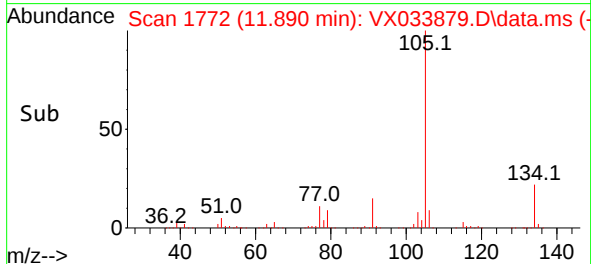
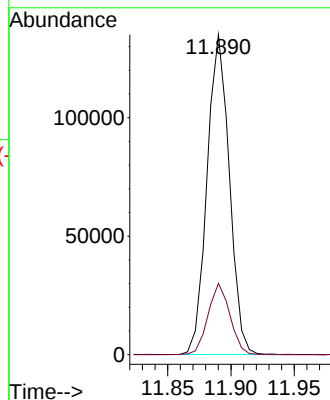
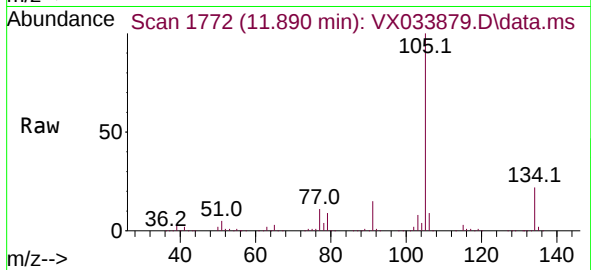




#81
 sec-Butylbenzene
 Concen: 21.713 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX033879.D
 Acq: 25 Jan 2023 10:05

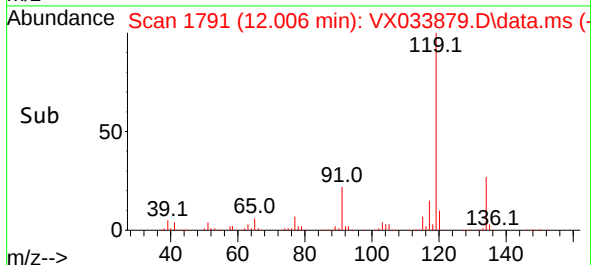
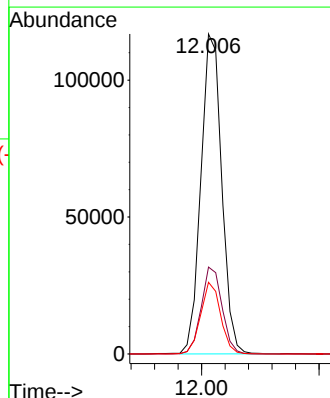
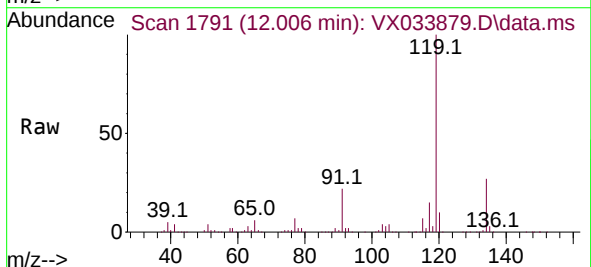
Instrument :
 MSVOA_X
 ClientSampleId :

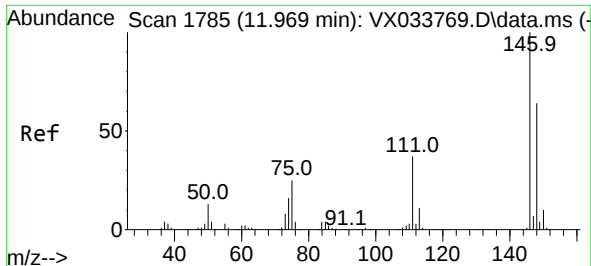
Tgt Ion:105 Resp: 165263
 Ion Ratio Lower Upper
 105 100
 134 22.0 0.0 43.8



#82
 p-Isopropyltoluene
 Concen: 21.773 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX033879.D
 Acq: 25 Jan 2023 10:05

Tgt Ion:119 Resp: 143551
 Ion Ratio Lower Upper
 119 100
 134 27.1 0.0 54.2
 91 21.5 0.0 41.8

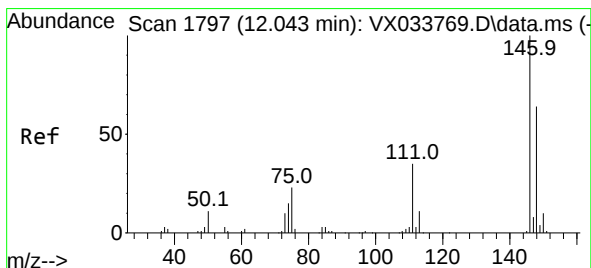
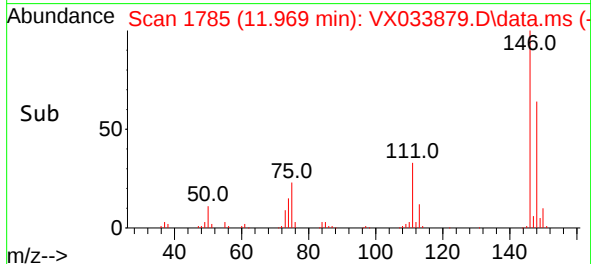
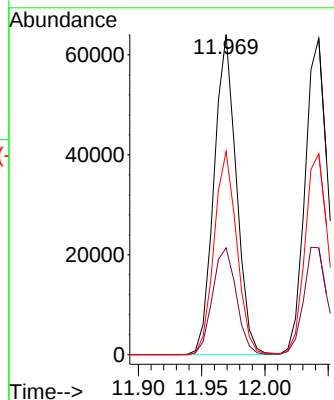
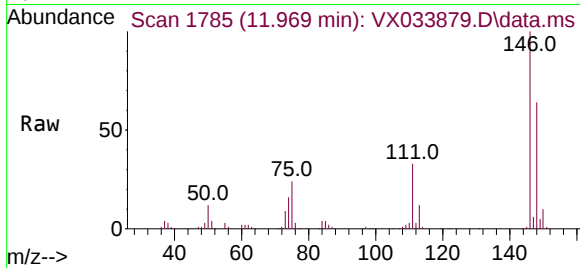




#83
 1,3-Dichlorobenzene
 Concen: 21.805 ug/l
 RT: 11.969 min Scan# 1785
 Delta R.T. 0.000 min
 Lab File: VX033879.D
 Acq: 25 Jan 2023 10:05

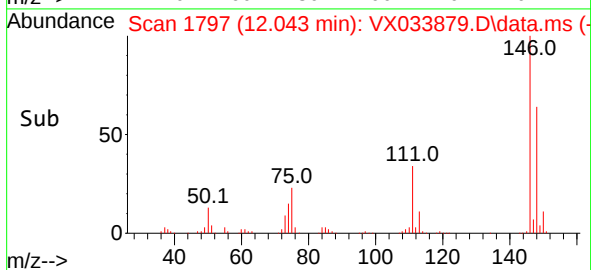
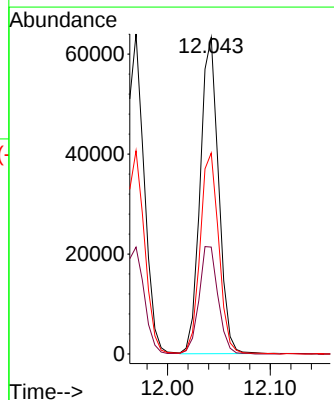
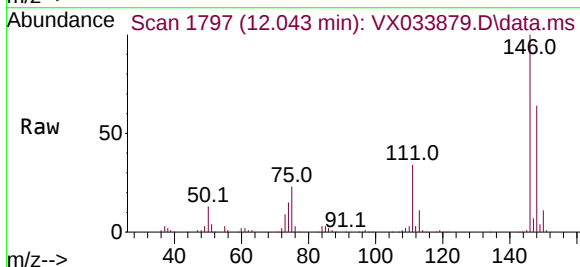
Instrument :
 MSVOA_X
 ClientSampleId :

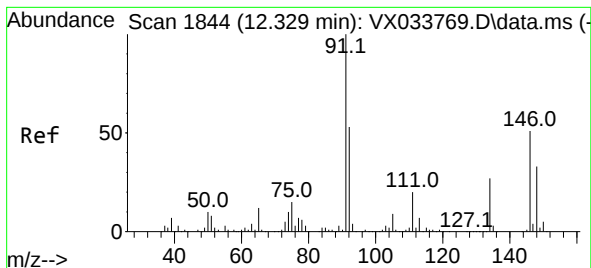
Tgt Ion:146 Resp: 78618
 Ion Ratio Lower Upper
 146 100
 111 35.5 18.4 55.2
 148 64.5 32.1 96.5



#84
 1,4-Dichlorobenzene
 Concen: 21.783 ug/l
 RT: 12.043 min Scan# 1797
 Delta R.T. 0.000 min
 Lab File: VX033879.D
 Acq: 25 Jan 2023 10:05

Tgt Ion:146 Resp: 78718
 Ion Ratio Lower Upper
 146 100
 111 34.7 17.8 53.4
 148 64.6 32.1 96.5





#85

n-Butylbenzene

Concen: 21.564 ug/l

RT: 12.329 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX033879.D

Acq: 25 Jan 2023 10:05

Instrument :

MSVOA_X

ClientSampleId :

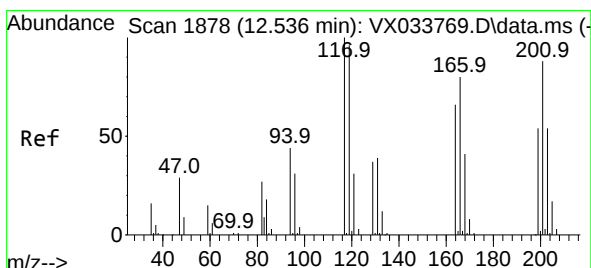
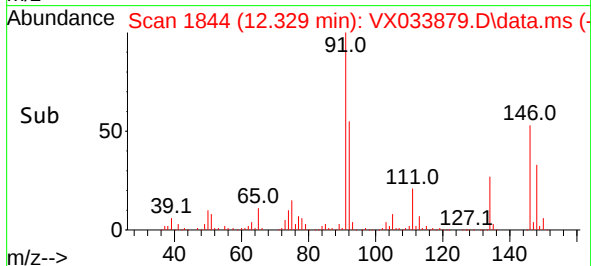
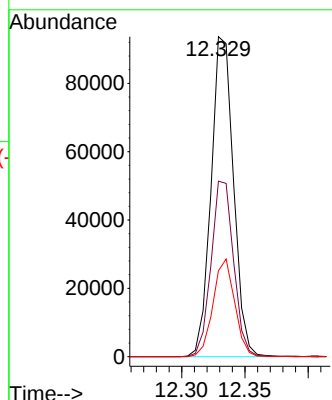
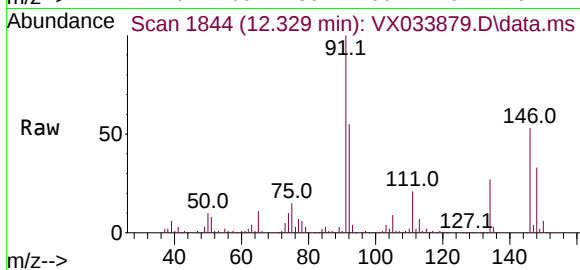
Tgt Ion: 91 Resp: 115632

Ion Ratio Lower Upper

91 100

92 55.0 0.0 109.0

134 29.5 0.0 57.8



#86

Hexachloroethane

Concen: 22.120 ug/l

RT: 12.536 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VX033879.D

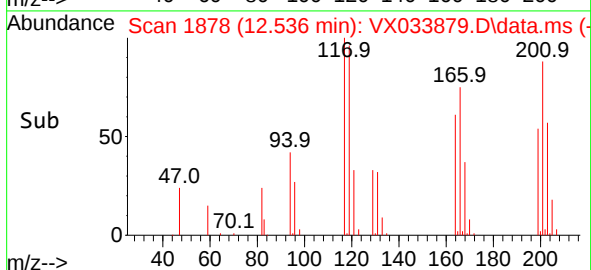
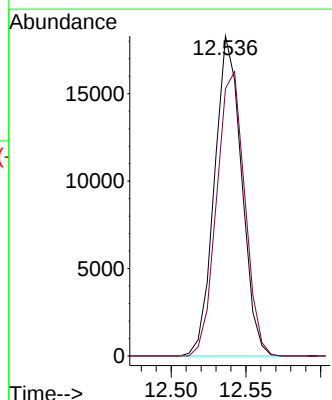
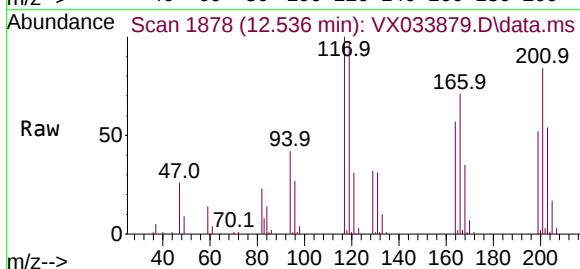
Acq: 25 Jan 2023 10:05

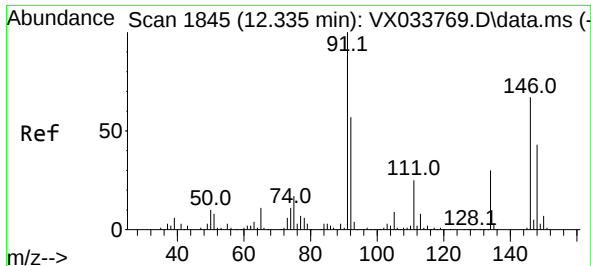
Tgt Ion: 117 Resp: 23053

Ion Ratio Lower Upper

117 100

201 91.9 46.3 138.8

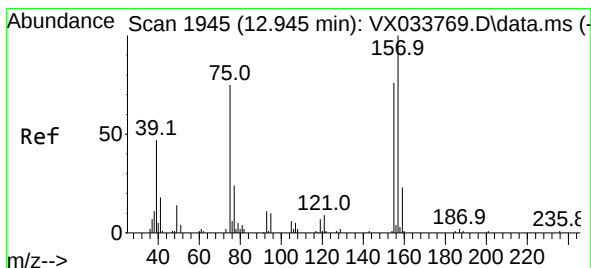
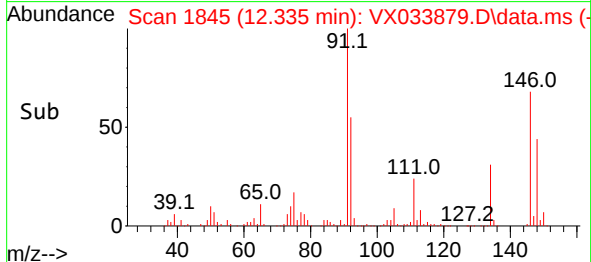
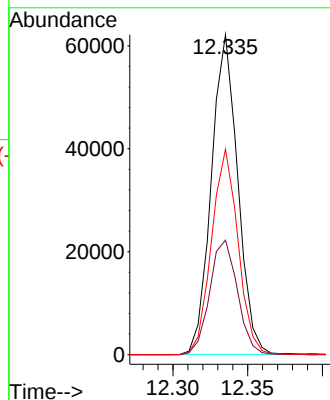
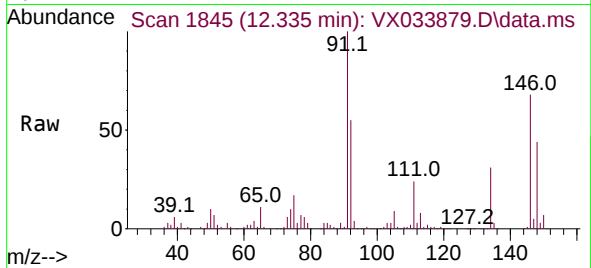




#87
 1,2-Dichlorobenzene
 Concen: 21.939 ug/l
 RT: 12.335 min Scan# 1845
 Delta R.T. 0.000 min
 Lab File: VX033879.D
 Acq: 25 Jan 2023 10:05

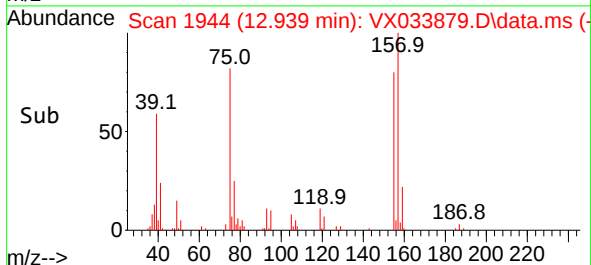
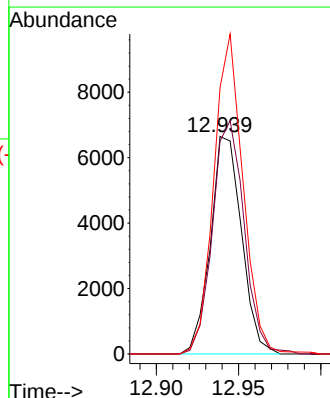
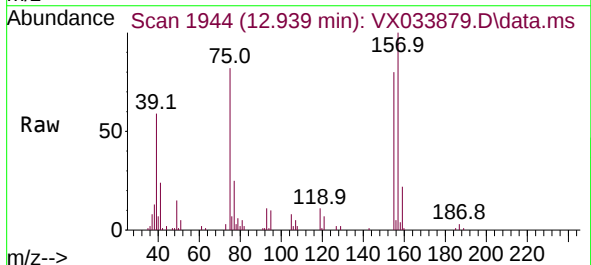
Instrument :
 MSVOA_X
 ClientSampleId :

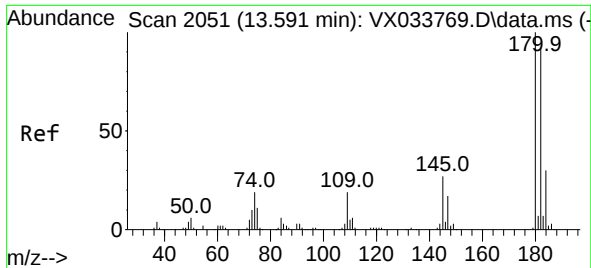
Tgt Ion:146 Resp: 76247
 Ion Ratio Lower Upper
 146 100
 111 37.7 18.8 56.4
 148 64.6 31.7 95.1



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 19.391 ug/l
 RT: 12.939 min Scan# 1944
 Delta R.T. -0.006 min
 Lab File: VX033879.D
 Acq: 25 Jan 2023 10:05

Tgt Ion: 75 Resp: 8768
 Ion Ratio Lower Upper
 75 100
 155 108.4 82.6 124.0
 157 137.6 104.9 157.3

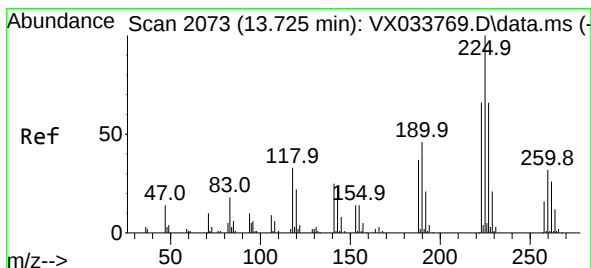
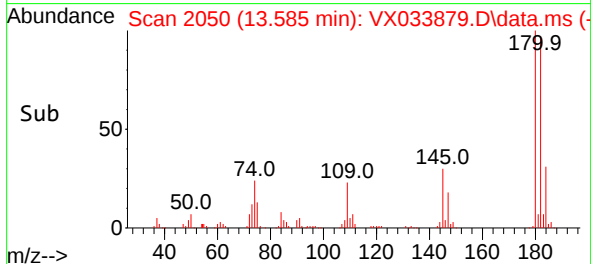
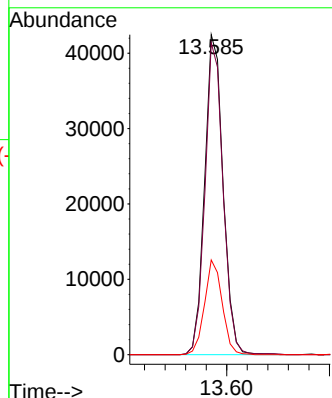
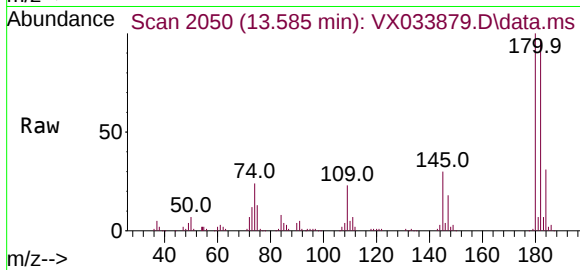




#89
1,2,4-Trichlorobenzene
Concen: 21.845 ug/l
RT: 13.585 min Scan# 2050
Delta R.T. -0.006 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

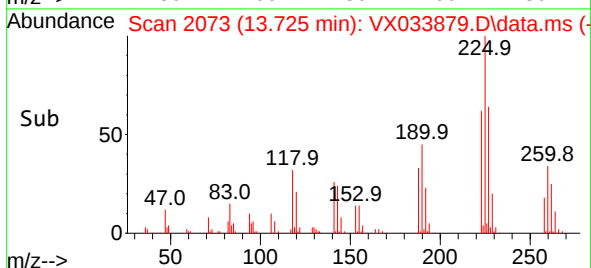
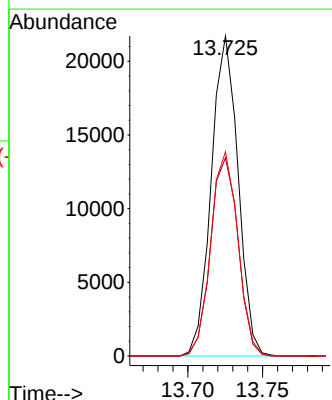
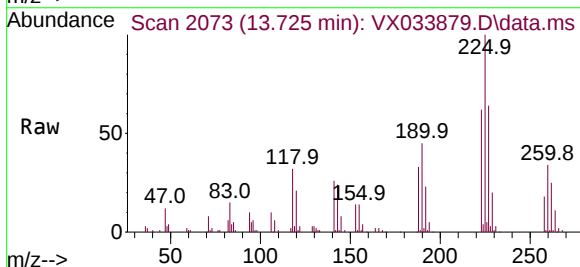
Instrument :
MSVOA_X
ClientSampleId :

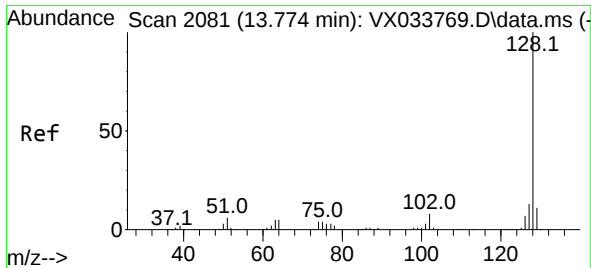
Tgt Ion:180 Resp: 52827
Ion Ratio Lower Upper
180 100
182 96.0 76.4 114.6
145 28.4 22.9 34.3



#90
Hexachlorobutadiene
Concen: 23.866 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

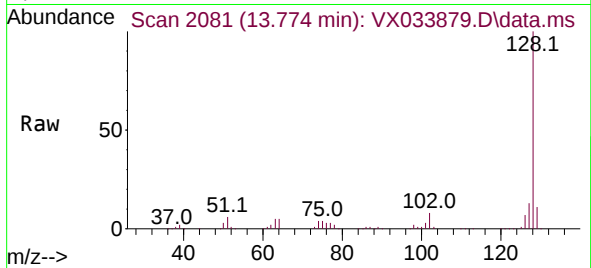
Tgt Ion:225 Resp: 27062
Ion Ratio Lower Upper
225 100
223 63.5 0.0 127.6
227 64.6 0.0 131.2



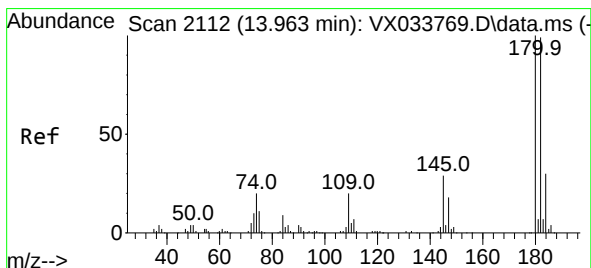
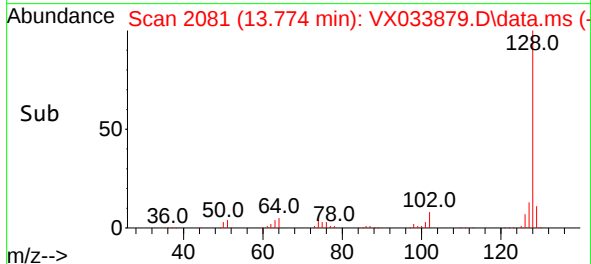
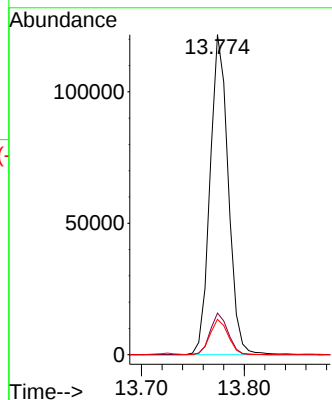


#91
Naphthalene
Concen: 21.109 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Instrument :
MSVOA_X
ClientSampleId :



Tgt Ion:128 Resp: 149633
Ion Ratio Lower Upper
128 100
127 12.8 10.1 15.1
129 11.1 8.9 13.3



#92
1,2,3-Trichlorobenzene
Concen: 22.556 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. 0.000 min
Lab File: VX033879.D
Acq: 25 Jan 2023 10:05

Tgt Ion:180 Resp: 53500
Ion Ratio Lower Upper
180 100
182 96.4 0.0 192.6
145 30.1 0.0 60.4

