

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039020.D
 Acq On : 24 Nov 2023 13:15
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 27 03:10:30 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\624X112423W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:05:03 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	4.898	128	10166	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	80725	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.055	117	100017	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	44963	32.329	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 107.767%	
60) 4-Bromofluorobenzene	11.079	95	64647	29.593	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 98.633%	
63) Toluene-d8	8.647	98	121103	30.625	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 102.100%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	8145	5.353	ug/l	95
3) Chloromethane	1.295	50	10079	5.785	ug/l	92
4) Vinyl Chloride	1.374	62	10036	5.706	ug/l	89
5) Bromomethane	1.605	94	6299	5.855	ug/l	89
6) Chloroethane	1.685	64	5535	5.236	ug/l	92
7) Trichlorofluoromethane	1.886	101	13669	5.631	ug/l	93
8) Diethyl Ether	2.130	74	5186	5.565	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	7685	5.602	ug/l	98
10) 1,1-Dichloroethene	2.319	96	7755	5.608	ug/l	92
11) Methyl Iodide	2.453	142	8665	5.718	ug/l	95
12) Methyl Acetate	2.703	43	25069	5.813	ug/l	97
13) Acrolein	2.233	56	12033	31.849	ug/l	99
14) Acrylonitrile	3.063	53	30227	28.656	ug/l	98
15) Acetone	2.374	58	12092	31.537	ug/l	78
16) Carbon Disulfide	2.514	76	24556	5.863	ug/l	97
17) Allyl chloride	2.666	41	15255	5.557	ug/l	97
18) Methylene Chloride	2.788	84	9558	5.831	ug/l	94
19) trans-1,2-Dichloroethene	3.093	96	8763	5.603	ug/l	91
20) Diisopropyl ether	3.758	45	29208	5.591	ug/l	92
21) 1,1-Dichloroethane	3.611	63	16397	5.645	ug/l	99
22) cis-1,2-Dichloroethene	4.489	96	10155	5.603	ug/l	99
23) tert-Butyl Alcohol	2.953	59	18853	32.284	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	28658	5.626	ug/l	96
25) Chloroform	5.087	83	16086	5.518	ug/l	94
26) Cyclohexane	5.471	56	14611	5.558	ug/l #	8
29) 1,1-Dichloropropene	5.690	75	12551	5.546	ug/l	98
30) 2-Butanone	4.556	43	50551	29.670	ug/l #	97
31) 2,2-Dichloropropane	4.471	77	13833	5.346	ug/l	98
32) 1,1,1-Trichloroethane	5.379	97	13618	5.207	ug/l	98
33) Carbon Tetrachloride	5.678	117	10945	4.968	ug/l	96
34) Benzene	6.032	78	36437	5.527	ug/l	95
35) Methacrylonitrile	4.922	41	7998	5.300	ug/l	93
36) 1,2-Dichloroethane	6.086	62	13651	5.644	ug/l	98
37) Trichloroethene	7.129	130	9070	5.421	ug/l	91
38) Methylcyclohexane	7.379	83	14932	5.296	ug/l	96
39) 1,2-Dichloropropane	7.434	63	9594	5.518	ug/l	98
40) Dibromomethane	7.586	93	6729	5.478	ug/l	95
41) Bromodichloromethane	7.824	83	12289	5.208	ug/l	99
42) Vinyl Acetate	3.721	43	109465	26.975	ug/l	100

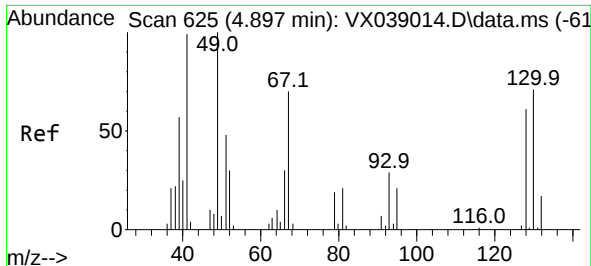
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Instrument :
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Quant Time: Nov 27 03:10:30 2023
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 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Nov 27 03:05:03 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.715	43	16021	5.466	ug/l #	85
44) Isopropyl Acetate	6.336	43	24992	5.409	ug/l	98
45) 1,4-Dioxane	7.659	88	5096	108.031	ug/l	95
46) Methyl methacrylate	7.696	41	14411	5.455	ug/l	97
47) n-amyl Acetate	10.842	43	18863	4.823	ug/l	100
48) t-1,3-Dichloropropene	8.976	75	14299	5.226	ug/l	98
49) cis-1,3-Dichloropropene	8.366	75	14593	5.170	ug/l	96
50) 1,1,2-Trichloroethane	9.153	97	8811	5.280	ug/l	98
51) Ethyl methacrylate	9.116	69	10545	5.048	ug/l	96
52) 1,3-Dichloropropane	9.305	76	15695	5.485	ug/l	98
53) Dibromochloromethane	9.519	129	9142	5.101	ug/l	99
54) 1,2-Dibromoethane	9.610	107	9696	5.299	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	33740	25.498	ug/l	99
56) Bromoform	10.799	173	6117	4.729	ug/l	99
58) 4-Methyl-2-Pentanone	8.568	43	83460	27.517	ug/l	99
59) 2-Hexanone	9.427	43	68445	27.492	ug/l	99
61) Tetrachloroethene	9.269	164	7170	5.514	ug/l	94
62) Toluene	8.720	91	38251	5.387	ug/l	100
64) Chlorobenzene	10.080	112	23654	5.476	ug/l	100
65) 1,1,1,2-Tetrachloroethane	10.159	131	7933	5.100	ug/l	99
66) Ethyl Benzene	10.195	91	44186	5.465	ug/l	99
67) m/p-Xylenes	10.299	106	31898	10.676	ug/l	100
68) o-Xylene	10.640	106	15348	5.303	ug/l	100
69) Styrene	10.659	104	21995	5.135	ug/l	100
70) Isopropylbenzene	10.964	105	40747	5.262	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	15600	5.396	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	17755	5.345	ug/l	92
73) Bromobenzene	11.195	156	9462	5.367	ug/l	98
74) n-propylbenzene	11.305	91	49576	5.225	ug/l	100
75) 2-Chlorotoluene	11.366	91	30051	5.399	ug/l	100
76) 1,3,5-Trimethylbenzene	11.451	105	34763	5.211	ug/l	100
77) t-1,4-Dichloro-2-butene	11.018	75	4459	4.600	ug/l	89
78) 4-Chlorotoluene	11.457	91	35009	5.350	ug/l	99
79) tert-butylbenzene	11.713	119	32945	5.194	ug/l	99
80) 1,2,4-Trimethylbenzene	11.750	105	34339	5.143	ug/l	99
81) sec-Butylbenzene	11.890	105	41736	5.205	ug/l	99
82) p-Isopropyltoluene	12.006	119	34923	5.138	ug/l	98
83) 1,3-Dichlorobenzene	11.970	146	17783	5.271	ug/l	97
84) 1,4-Dichlorobenzene	12.043	146	18620	5.379	ug/l	99
85) n-Butylbenzene	12.329	91	34371	5.121	ug/l	99
86) Hexachloroethane	12.536	117	6081	4.722	ug/l	92
87) 1,2-Dichlorobenzene	12.335	146	17371	5.354	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	3905	5.282	ug/l	92
89) 1,2,4-Trichlorobenzene	13.591	180	11107	5.164	ug/l	98
90) Hexachlorobutadiene	13.725	225	3861	5.027	ug/l	97
91) Naphthalene	13.774	128	42874	5.405	ug/l	98
92) 1,2,3-Trichlorobenzene	13.957	180	10735	5.152	ug/l	98

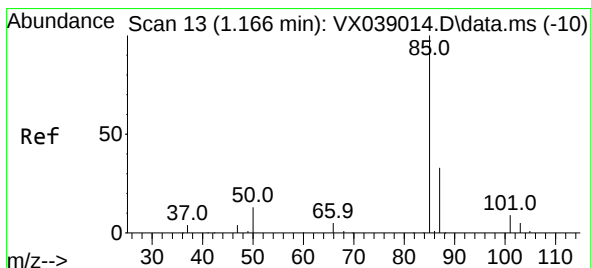
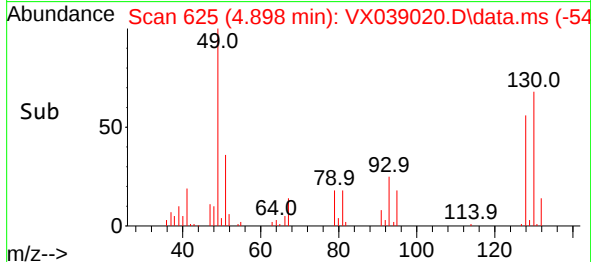
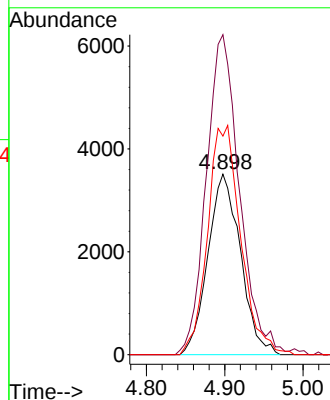
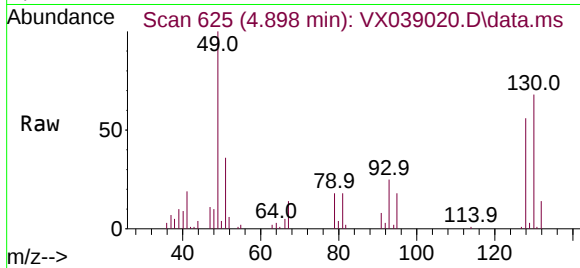
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 4.898 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

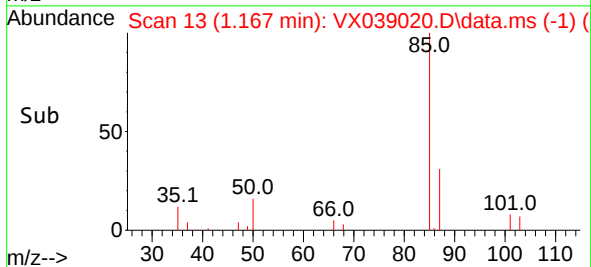
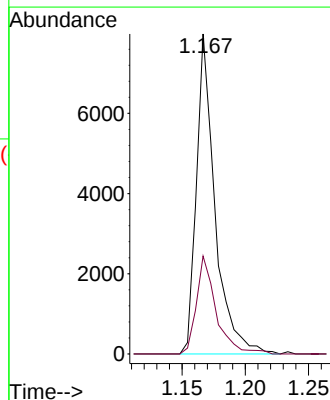
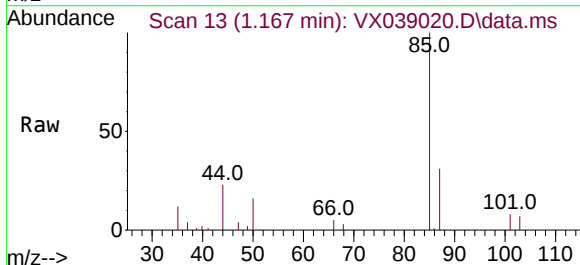
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

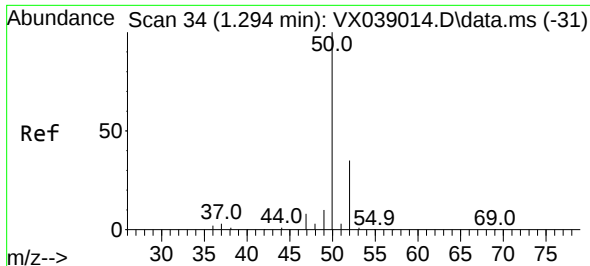
Tgt Ion:128 Resp: 10166
Ion Ratio Lower Upper
128 100
49 177.0 0.0 444.0
130 128.7 0.0 297.8



#2
Dichlorodifluoromethane
Concen: 5.353 ug/l
RT: 1.167 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 85 Resp: 8145
Ion Ratio Lower Upper
85 100
87 30.6 16.7 50.1

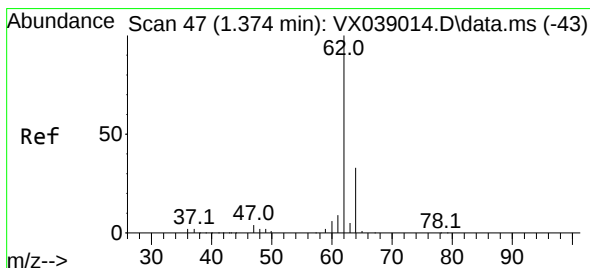
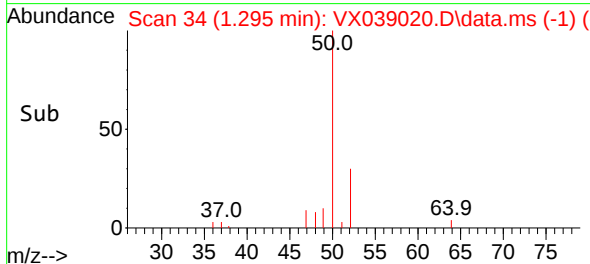
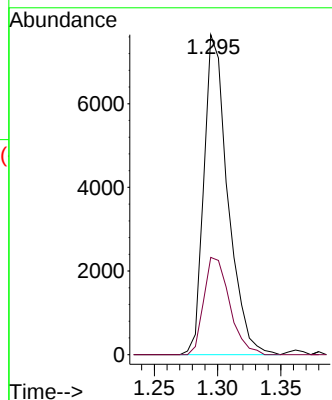
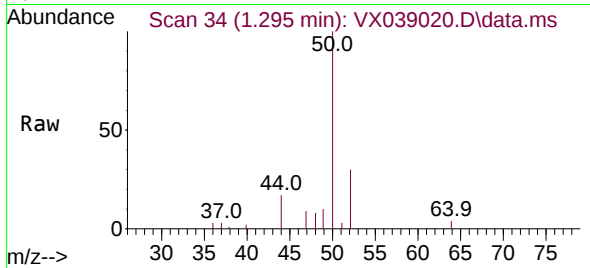




#3
Chloromethane
Concen: 5.785 ug/l
RT: 1.295 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

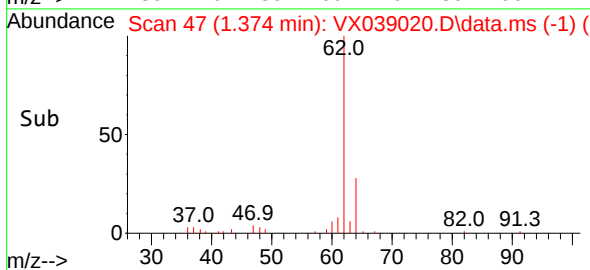
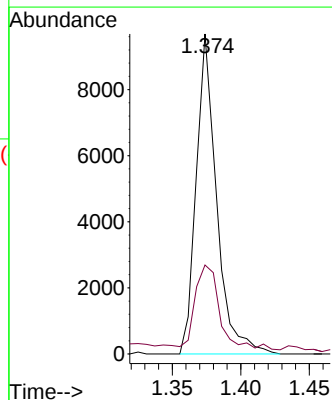
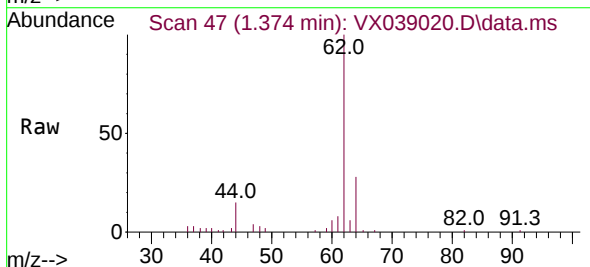
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

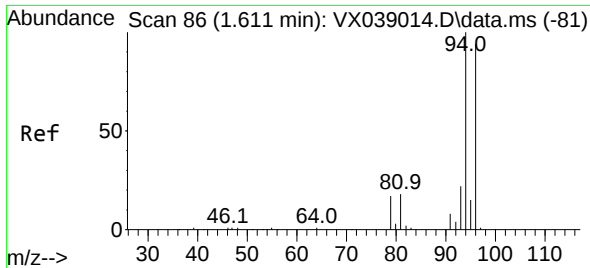
Tgt Ion: 50 Resp: 10079
Ion Ratio Lower Upper
50 100
52 30.4 27.8 41.8



#4
Vinyl Chloride
Concen: 5.706 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 62 Resp: 10036
Ion Ratio Lower Upper
62 100
64 26.5 26.3 39.5

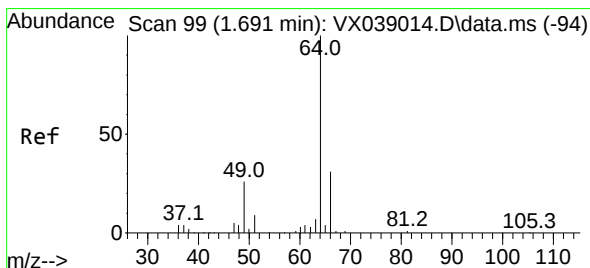
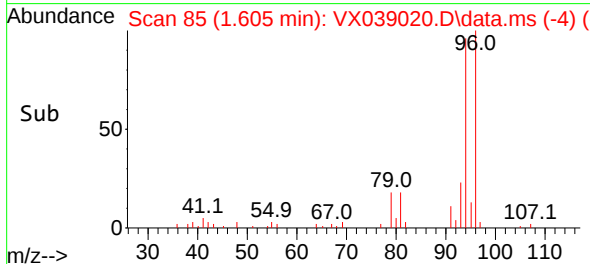
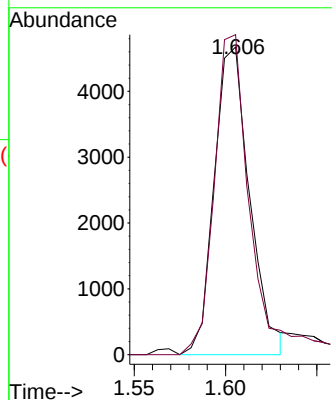
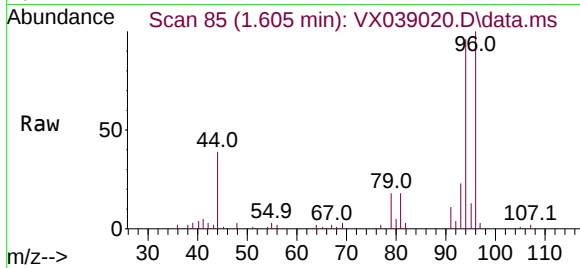




#5
Bromomethane
Concen: 5.855 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

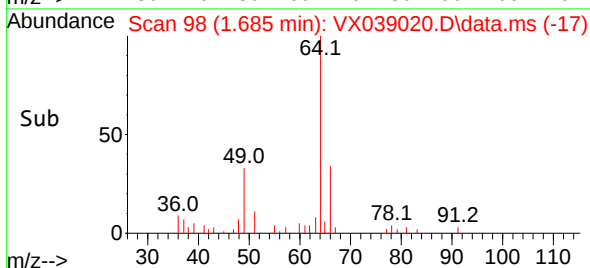
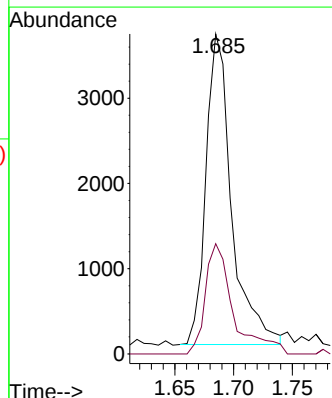
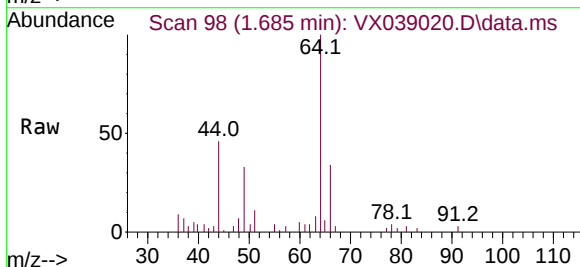
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MSVOA_X
ClientSampleId :
VSTDIC005

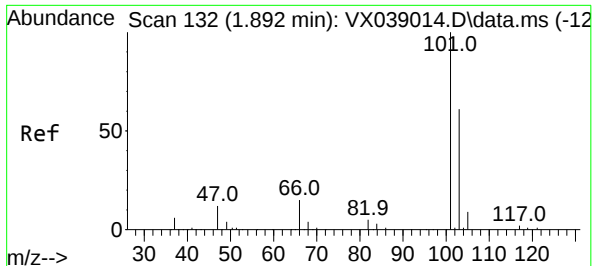
Tgt Ion: 94 Resp: 6299
Ion Ratio Lower Upper
94 100
96 104.0 74.9 112.3



#6
Chloroethane
Concen: 5.236 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 64 Resp: 5535
Ion Ratio Lower Upper
64 100
66 35.5 25.0 37.6

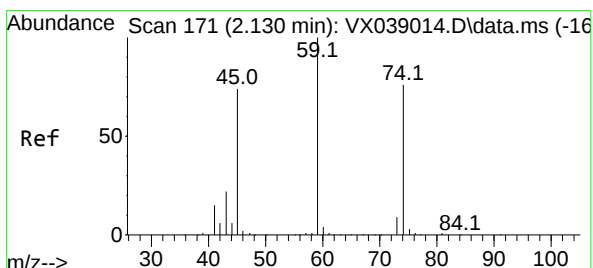
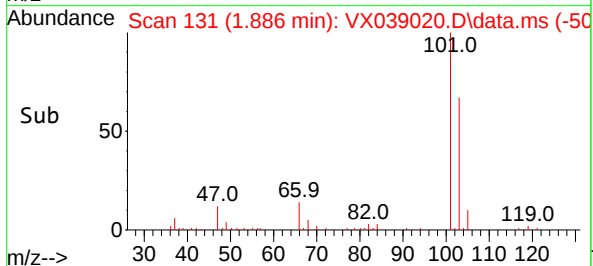
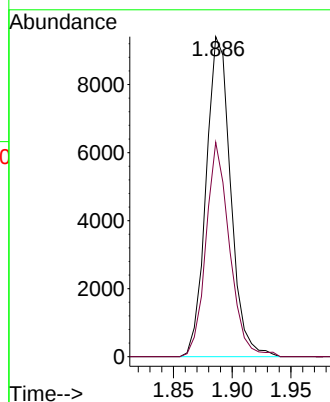
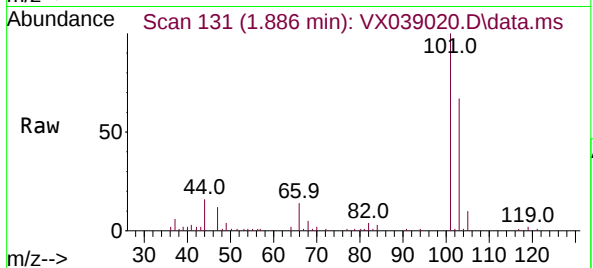




#7
Trichlorofluoromethane
Concen: 5.631 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

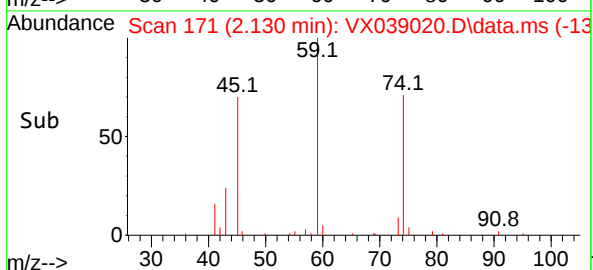
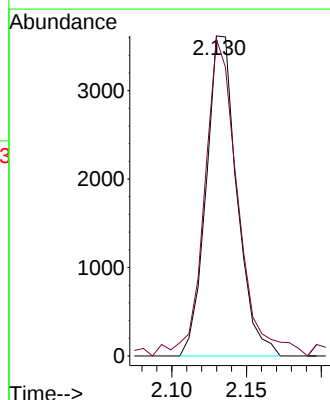
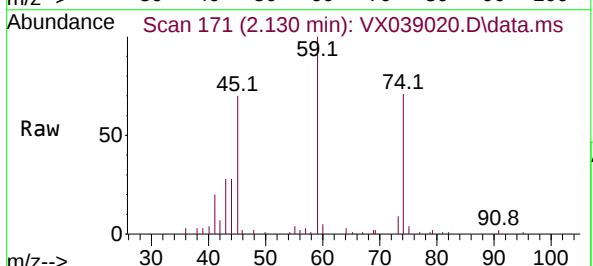
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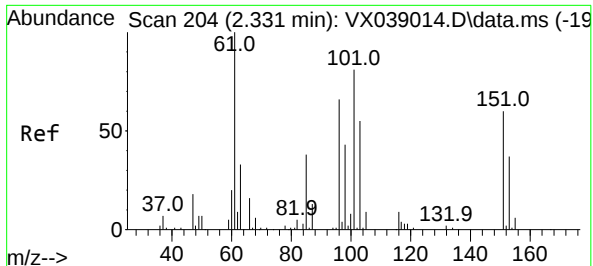
Tgt Ion:101 Resp: 13669
Ion Ratio Lower Upper
101 100
103 67.0 49.1 73.7



#8
Diethyl Ether
Concen: 5.565 ug/l
RT: 2.130 min Scan# 171
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 74 Resp: 5186
Ion Ratio Lower Upper
74 100
45 105.8 20.5 184.5

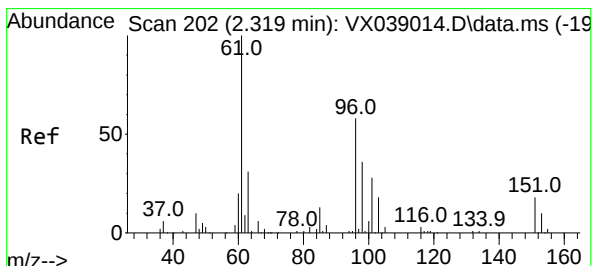
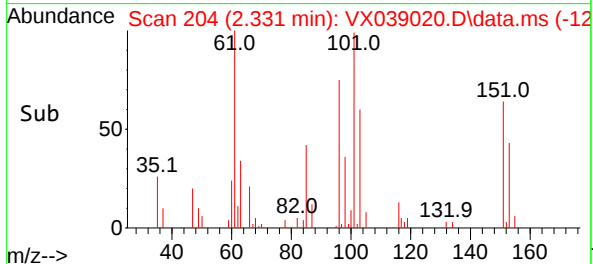
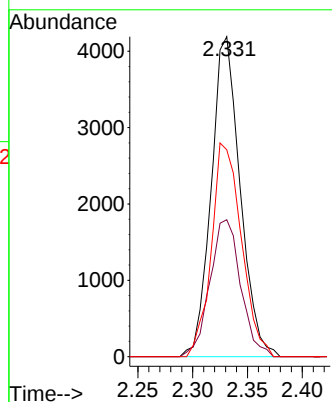
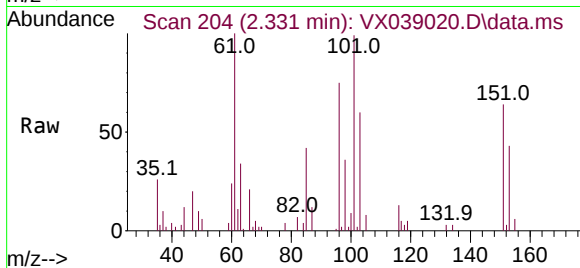




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.602 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15

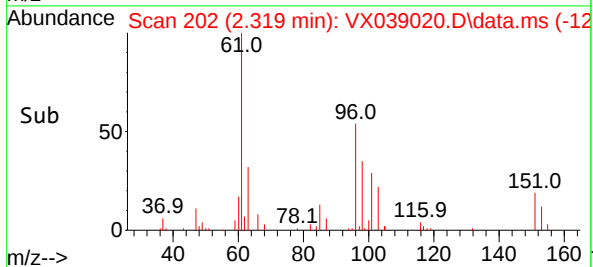
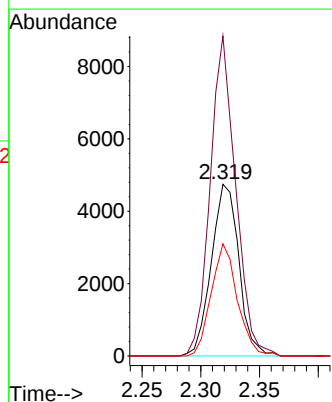
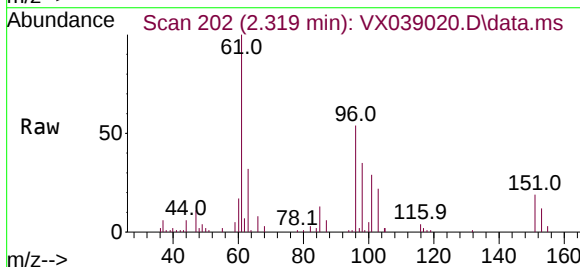
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

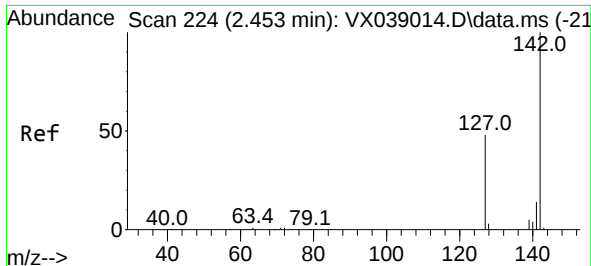
Tgt Ion:	101	Resp:	7685
Ion	Ratio	Lower	Upper
101	100		
85	45.6	0.0	95.2
151	69.2	0.0	136.8



#10
 1,1-Dichloroethene
 Concen: 5.608 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15

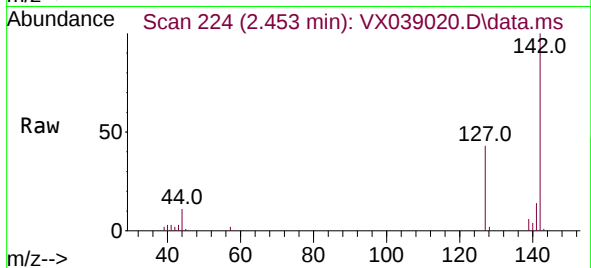
Tgt Ion:	96	Resp:	7755
Ion	Ratio	Lower	Upper
96	100		
61	186.5	138.3	207.5
98	65.3	49.8	74.6



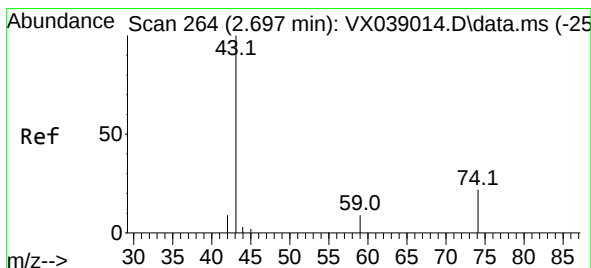
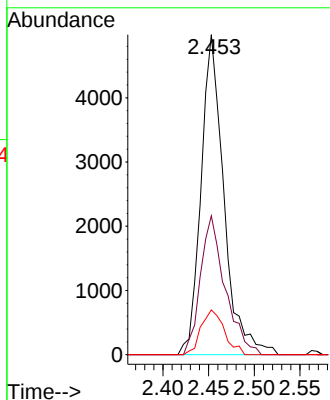
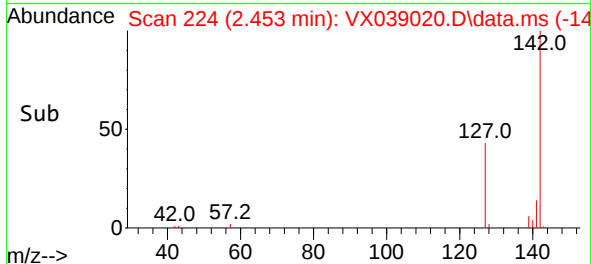


#11
Methyl Iodide
Concen: 5.718 ug/l
RT: 2.453 min Scan# 21
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

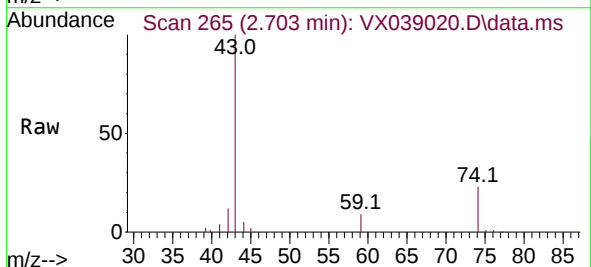
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



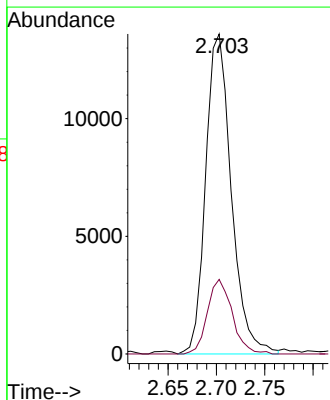
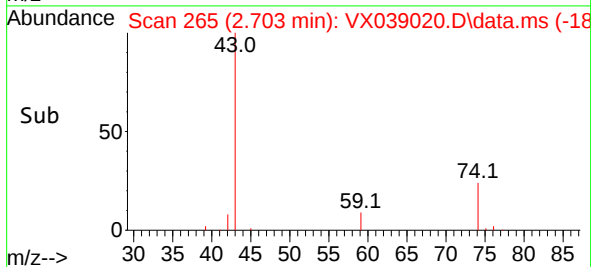
Tgt Ion:142 Resp: 8665
Ion Ratio Lower Upper
142 100
127 43.4 23.8 71.4
141 14.0 6.9 20.6

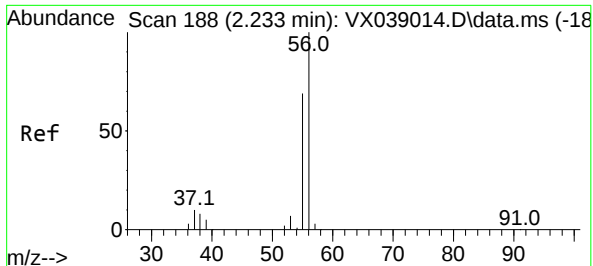


#12
Methyl Acetate
Concen: 5.813 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15



Tgt Ion: 43 Resp: 25069
Ion Ratio Lower Upper
43 100
74 23.4 17.8 26.6

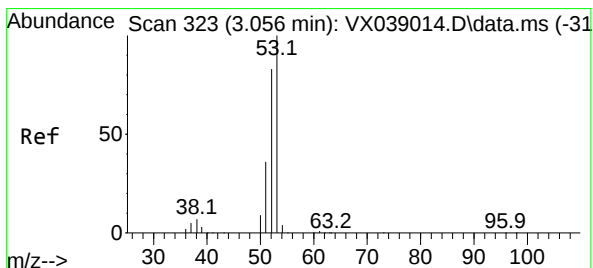
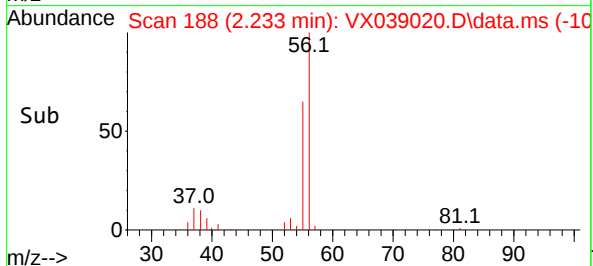
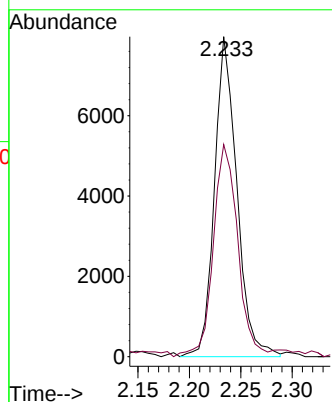
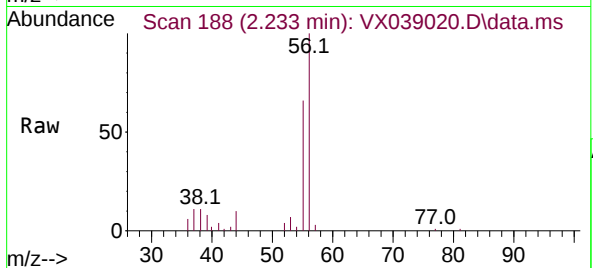




#13
Acrolein
Concen: 31.849 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

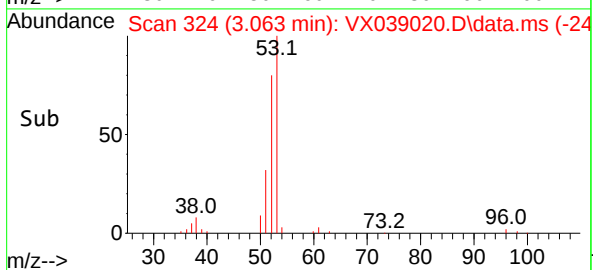
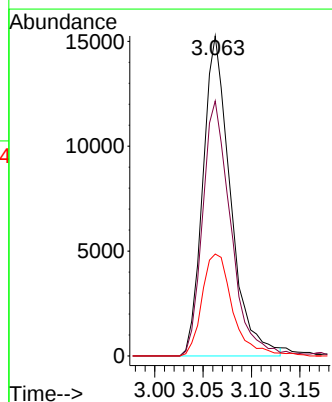
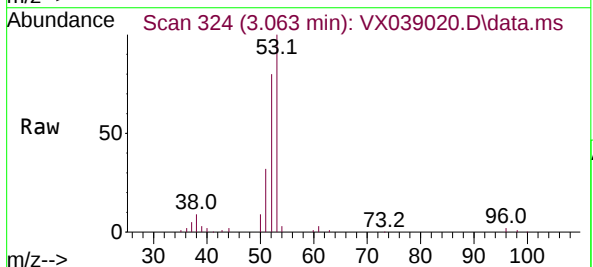
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

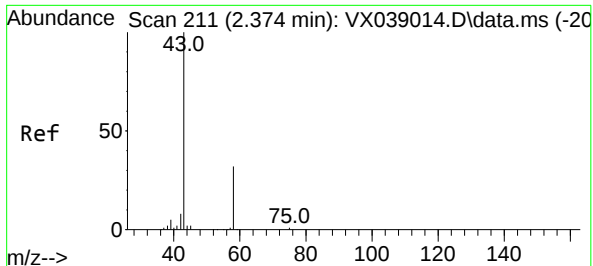
Tgt Ion: 56 Resp: 12033
Ion Ratio Lower Upper
56 100
55 72.4 57.2 85.8



#14
Acrylonitrile
Concen: 28.656 ug/l
RT: 3.063 min Scan# 324
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 53 Resp: 30227
Ion Ratio Lower Upper
53 100
52 81.6 41.9 125.6
51 35.3 18.3 54.9

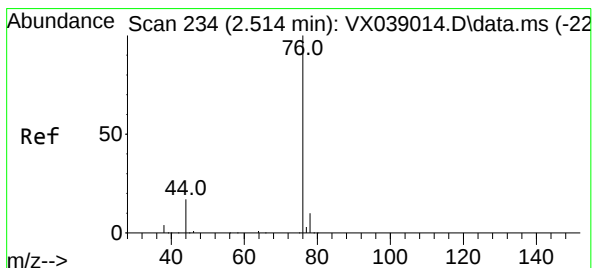
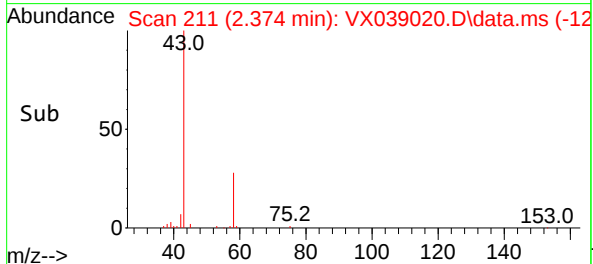
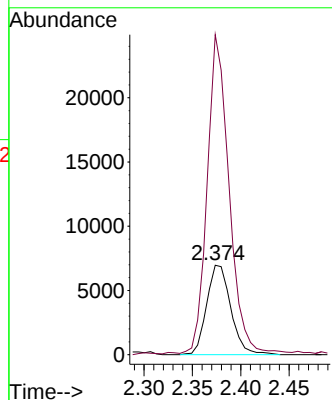
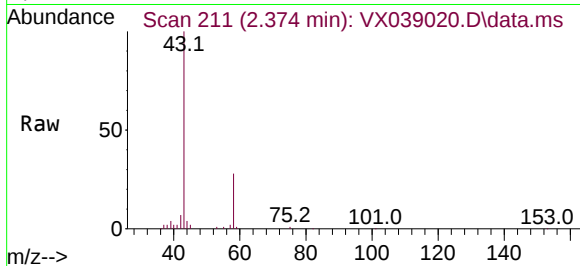




#15
Acetone
Concen: 31.537 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

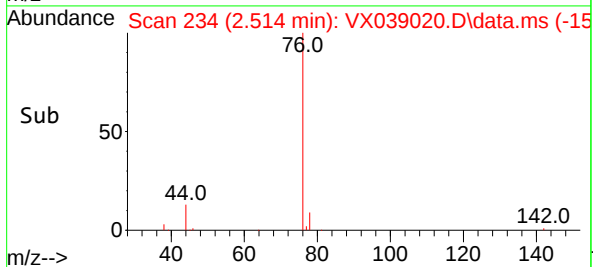
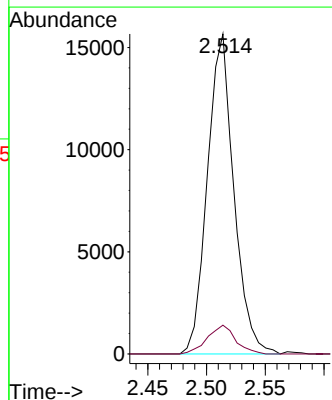
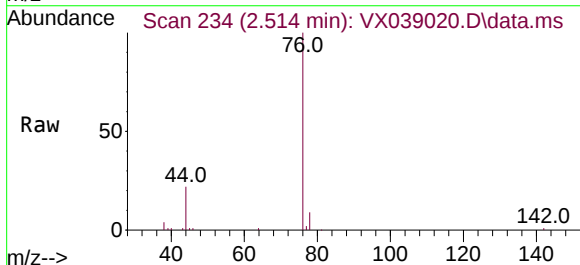
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

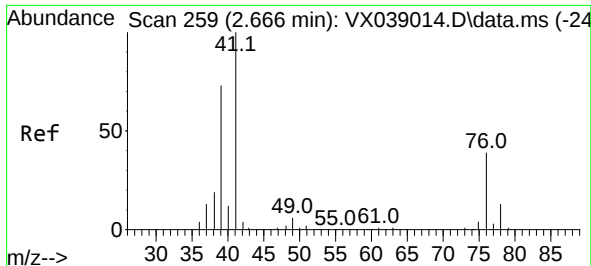
Tgt Ion: 58 Resp: 12092
Ion Ratio Lower Upper
58 100
43 356.5 249.9 374.9



#16
Carbon Disulfide
Concen: 5.863 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 76 Resp: 24556
Ion Ratio Lower Upper
76 100
78 9.0 8.0 12.0





#17

Allyl chloride

Concen: 5.557 ug/l

RT: 2.666 min Scan# 259

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

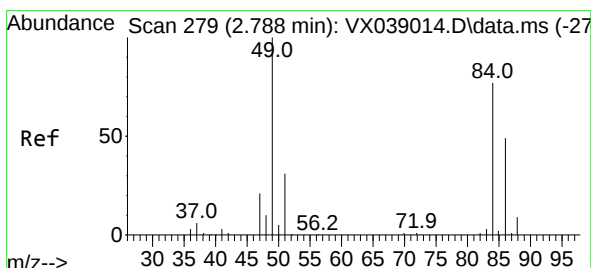
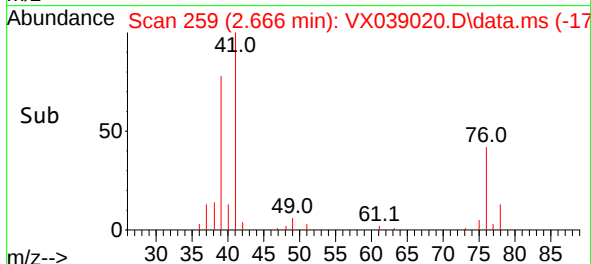
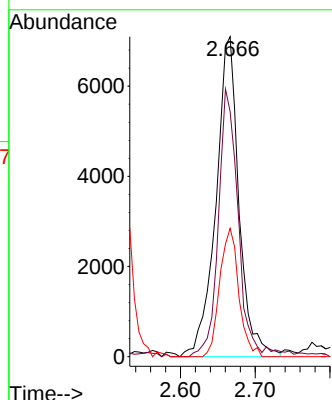
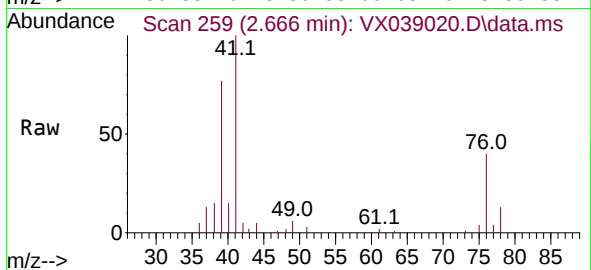
Tgt Ion: 41 Resp: 15255

Ion Ratio Lower Upper

41 100

39 76.6 36.5 109.5

76 40.1 19.7 59.0



#18

Methylene Chloride

Concen: 5.831 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Tgt Ion: 84 Resp: 9558

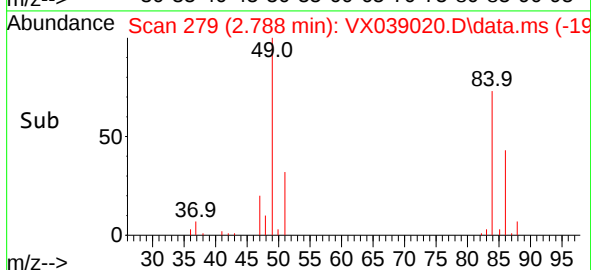
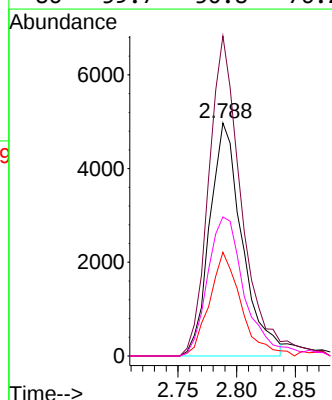
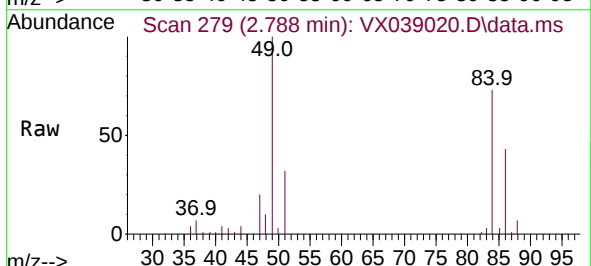
Ion Ratio Lower Upper

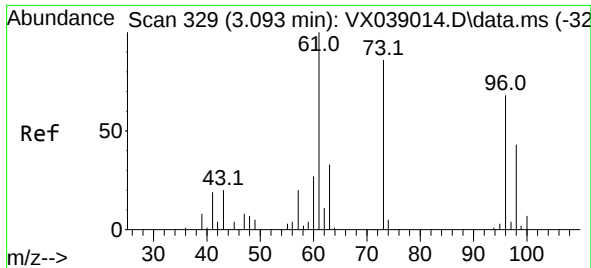
84 100

49 137.4 103.8 155.8

51 44.5 31.8 47.6

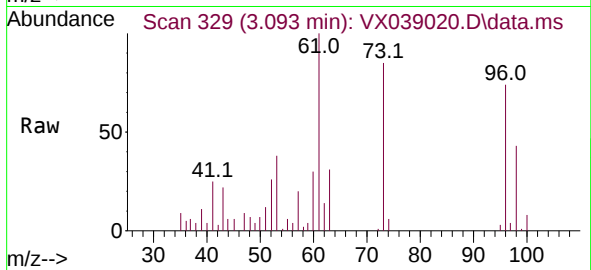
86 59.7 50.8 76.2





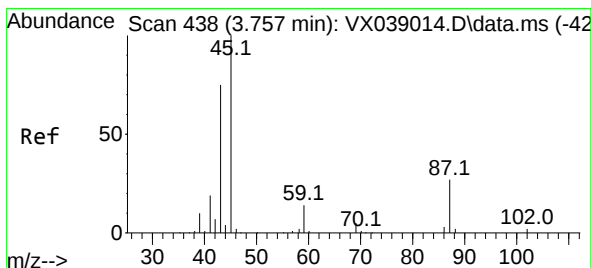
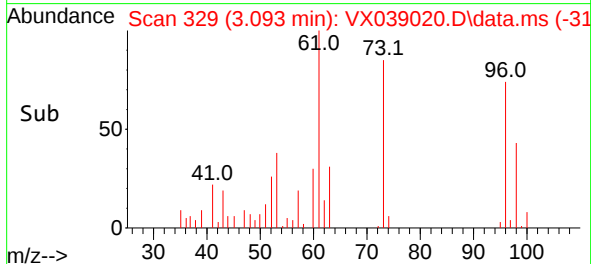
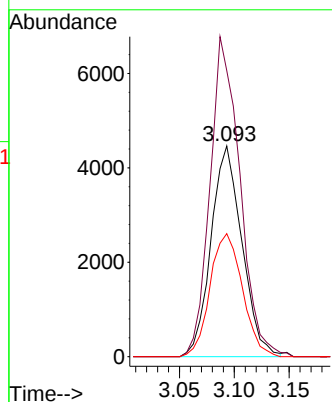
#19
trans-1,2-Dichloroethene
Concen: 5.603 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005



Tgt Ion: 96 Resp: 8763

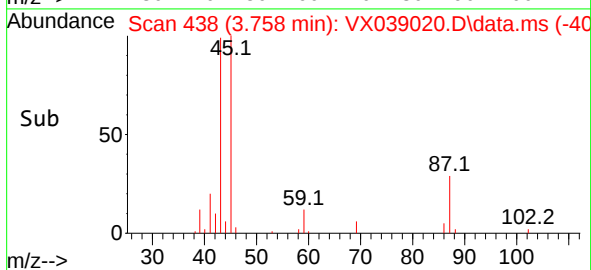
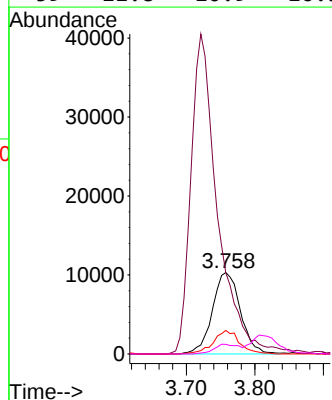
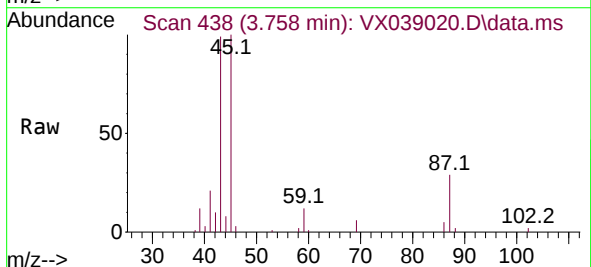
Ion	Ratio	Lower	Upper
96	100		
61	135.7	117.9	176.9
98	58.4	51.0	76.6

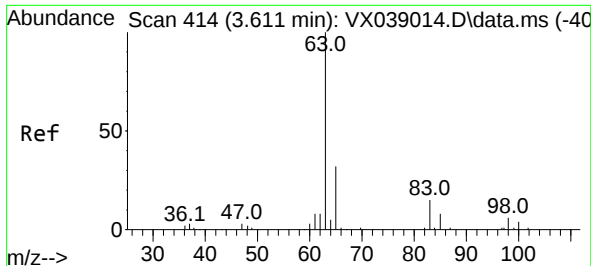


#20
Diisopropyl ether
Concen: 5.591 ug/l
RT: 3.758 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 45 Resp: 29208

Ion	Ratio	Lower	Upper
45	100		
43	93.2	67.7	101.5
87	28.8	21.5	32.3
59	11.8	10.9	16.3





#21

1,1-Dichloroethane

Concen: 5.645 ug/l

RT: 3.611 min Scan# 414

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

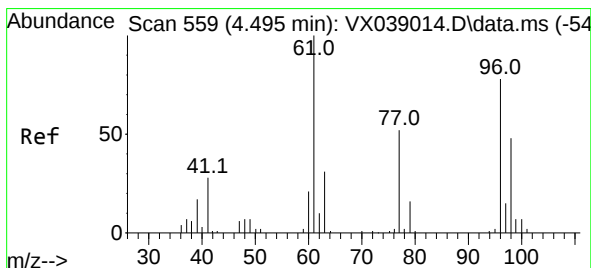
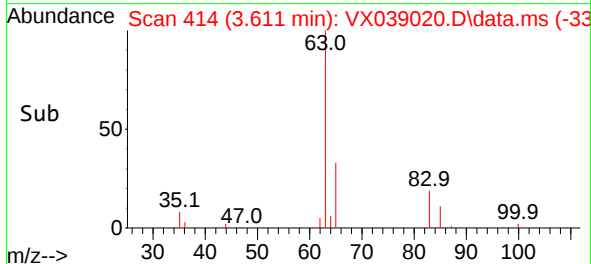
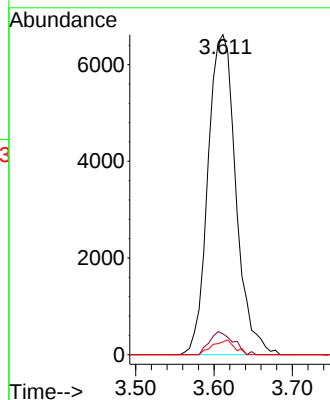
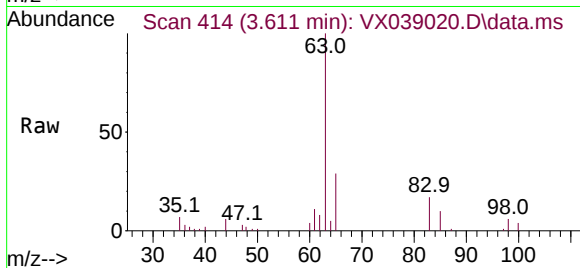
Tgt Ion: 63 Resp: 16397

Ion Ratio Lower Upper

63 100

98 6.5 2.9 8.8

100 4.0 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 5.603 ug/l

RT: 4.489 min Scan# 558

Delta R.T. -0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

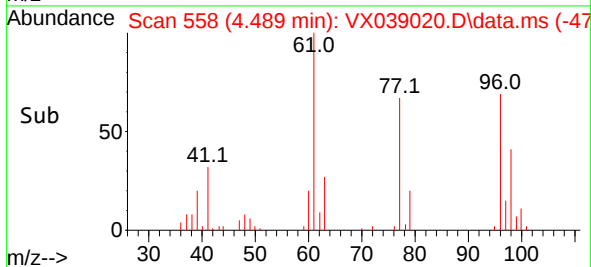
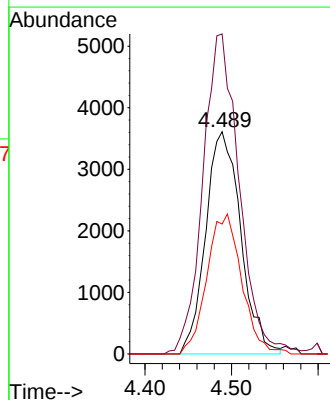
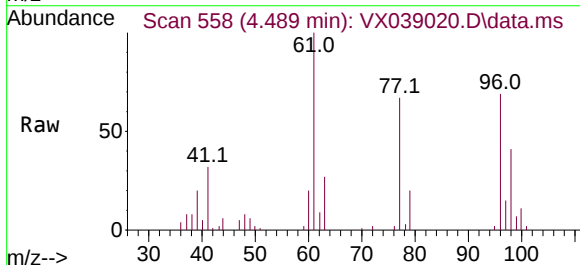
Tgt Ion: 96 Resp: 10155

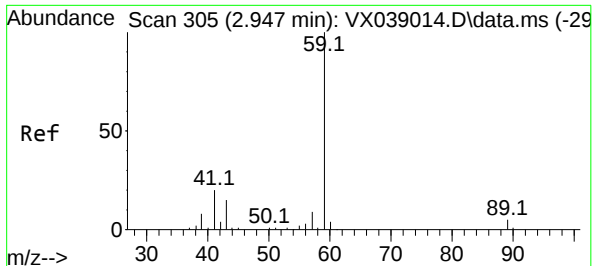
Ion Ratio Lower Upper

96 100

61 149.0 119.8 179.6

98 62.0 50.9 76.3

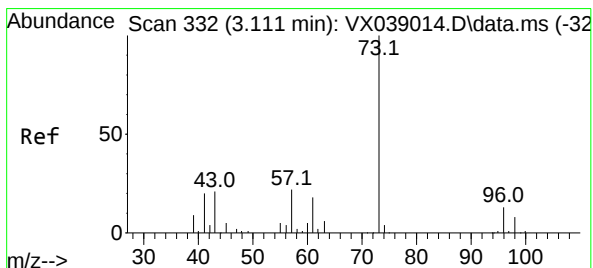
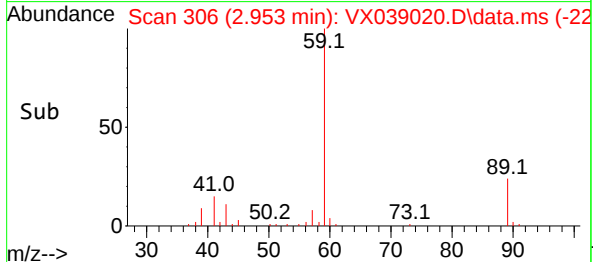
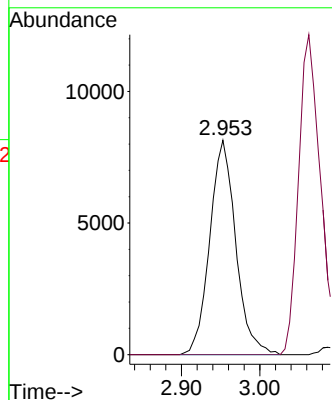
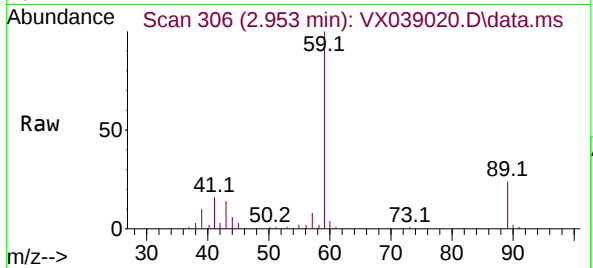




#23
tert-Butyl Alcohol
Concen: 32.284 ug/l
RT: 2.953 min Scan# 305
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

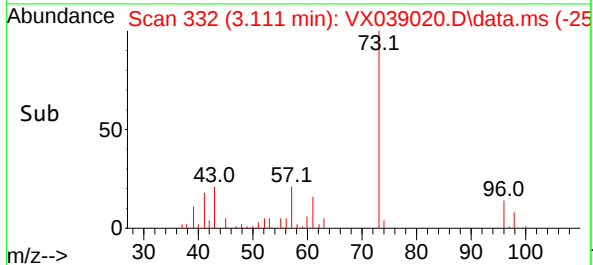
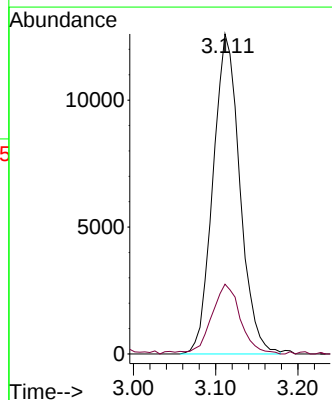
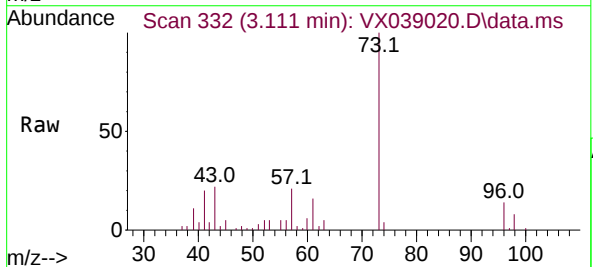
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

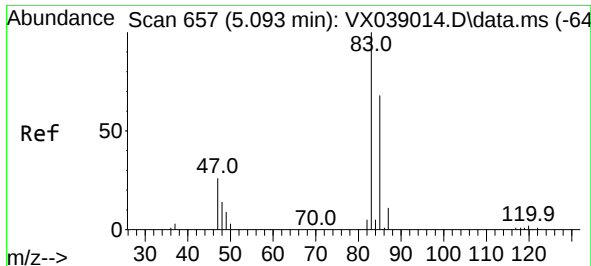
Tgt Ion: 59 Resp: 18853
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 5.626 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 73 Resp: 28658
Ion Ratio Lower Upper
73 100
43 23.1 17.0 25.6





#25

Chloroform

Concen: 5.518 ug/l

RT: 5.087 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

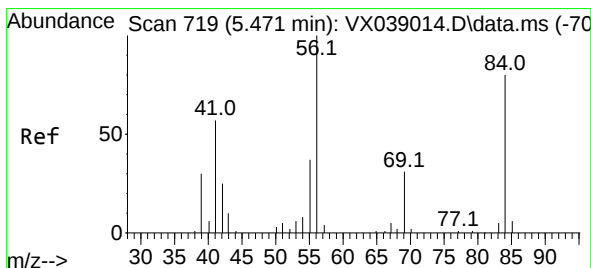
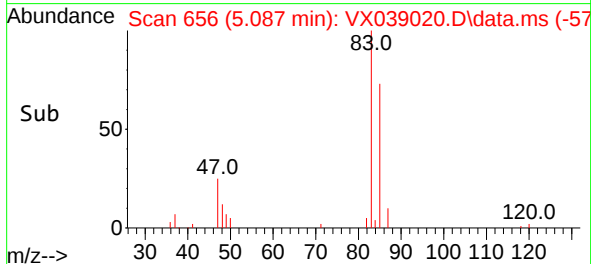
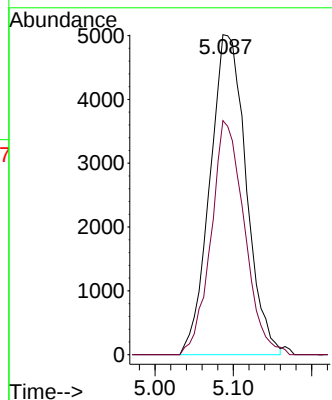
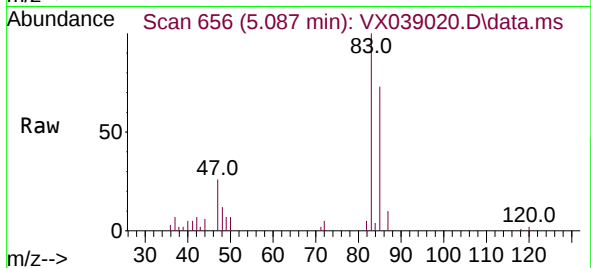
VSTDIC005

Tgt Ion: 83 Resp: 16086

Ion Ratio Lower Upper

83 100

85 73.2 54.6 81.8



#26

Cyclohexane

Concen: 5.558 ug/l

RT: 5.471 min Scan# 719

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

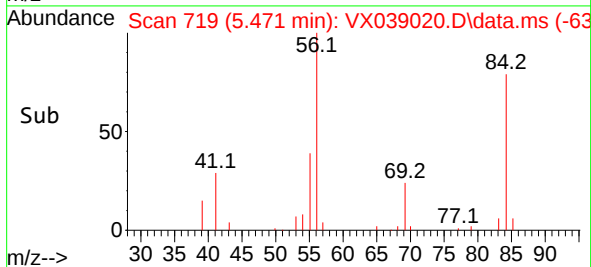
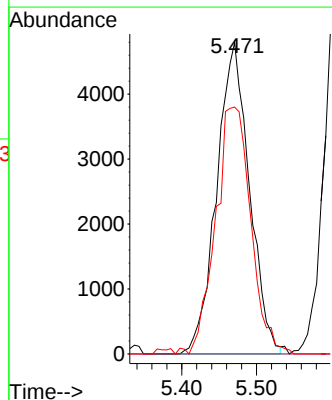
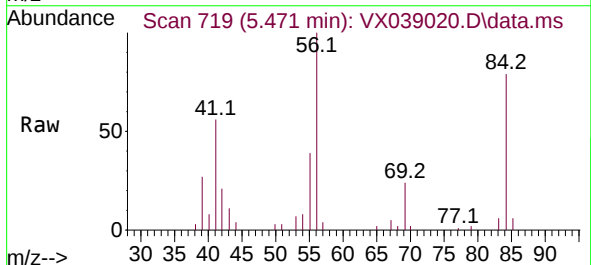
Tgt Ion: 56 Resp: 14611

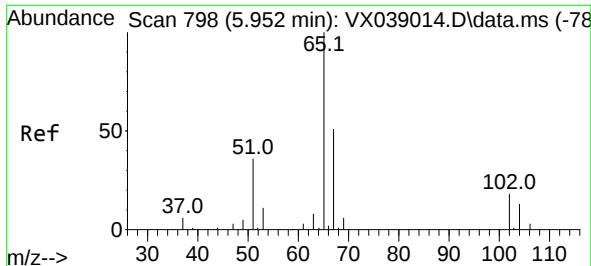
Ion Ratio Lower Upper

56 100

89 0.0 0.0 0.0

84 0.4 67.2 100.8#

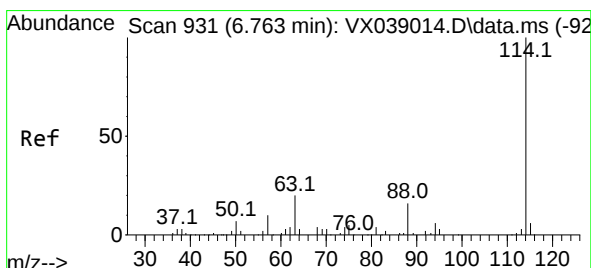
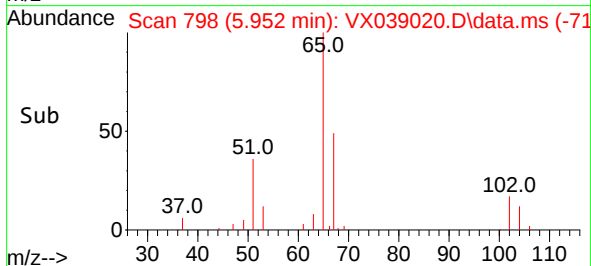
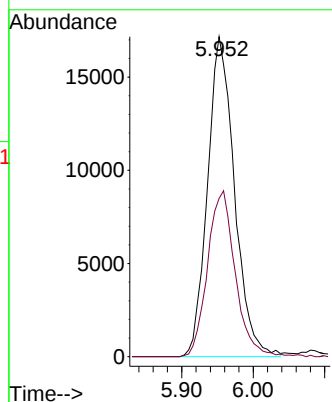
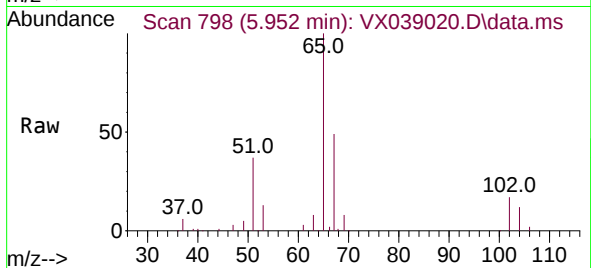




#27
 1,2-Dichloroethane-d4
 Concen: 32.329 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15

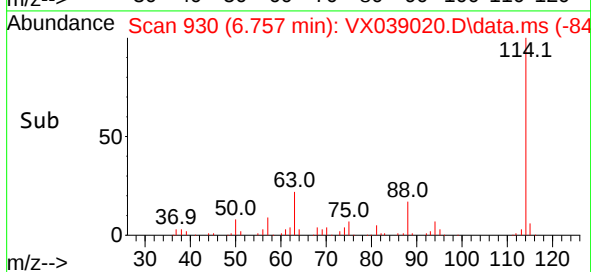
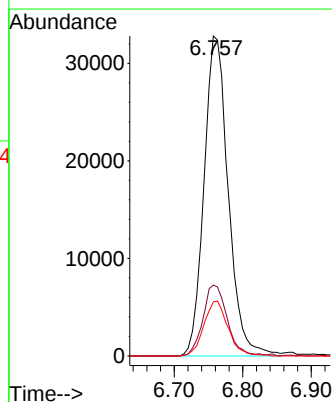
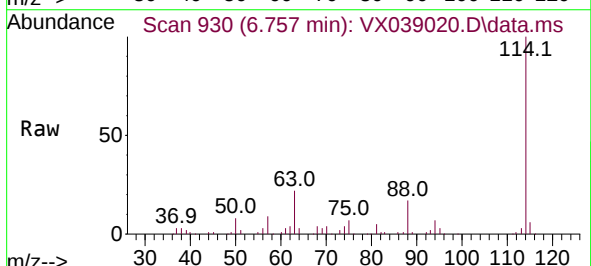
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

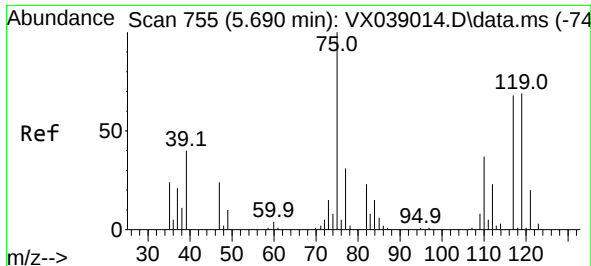
Tgt Ion: 65 Resp: 44963
 Ion Ratio Lower Upper
 65 100
 67 53.2 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039020.D
 Acq: 24 Nov 2023 13:15

Tgt Ion: 114 Resp: 80725
 Ion Ratio Lower Upper
 114 100
 63 21.9 17.0 25.4
 88 17.1 12.7 19.1





#29

1,1-Dichloropropene

Concen: 5.546 ug/l

RT: 5.690 min Scan# 755

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

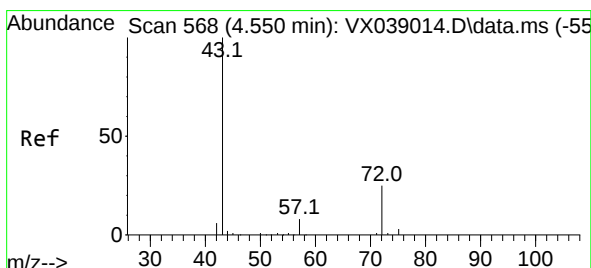
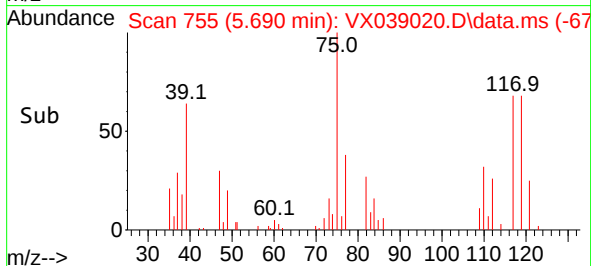
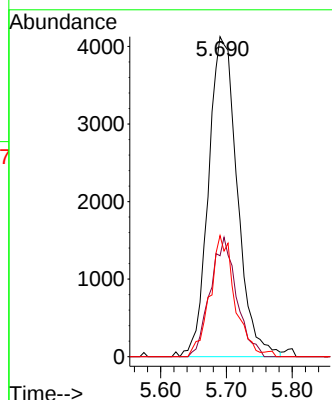
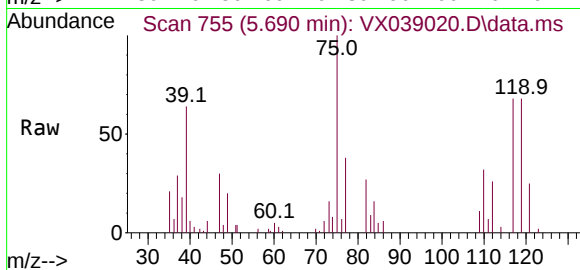
Tgt Ion: 75 Resp: 12551

Ion Ratio Lower Upper

75 100

110 34.2 0.0 71.2

77 32.6 0.0 62.6



#30

2-Butanone

Concen: 29.670 ug/l

RT: 4.556 min Scan# 569

Delta R.T. 0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

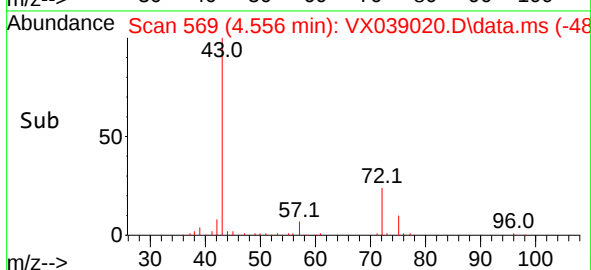
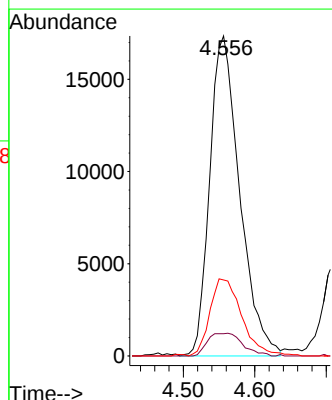
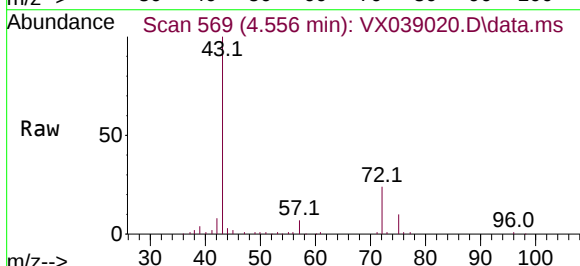
Tgt Ion: 43 Resp: 50551

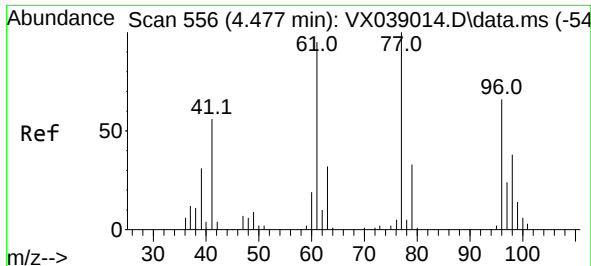
Ion Ratio Lower Upper

43 100

57 4.2 6.6 10.0#

72 25.7 20.6 31.0





#31

2,2-Dichloropropane

Concen: 5.346 ug/l

RT: 4.471 min Scan# 51

Delta R.T. -0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

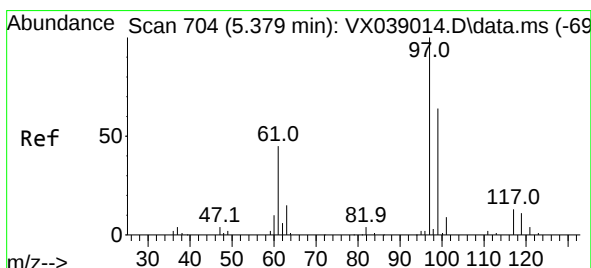
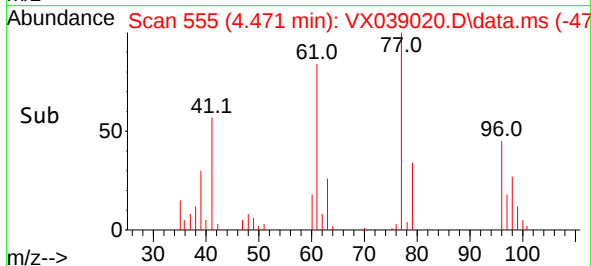
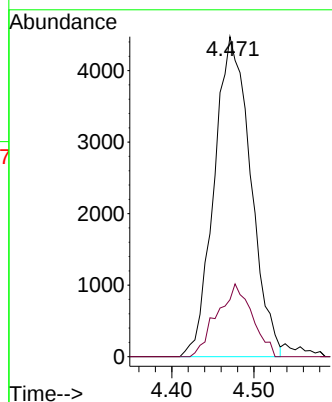
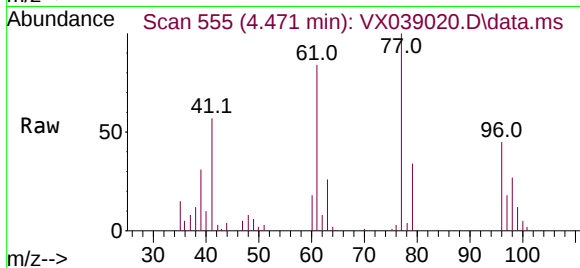
VSTDIC005

Tgt Ion: 77 Resp: 13833

Ion Ratio Lower Upper

77 100

97 21.7 18.2 27.4



#32

1,1,1-Trichloroethane

Concen: 5.207 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

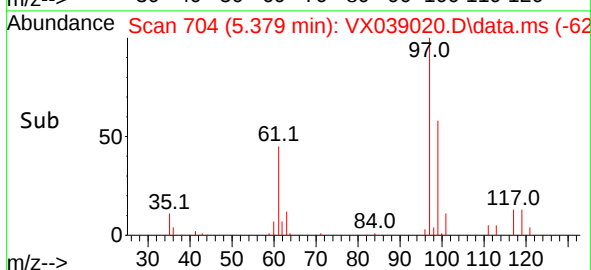
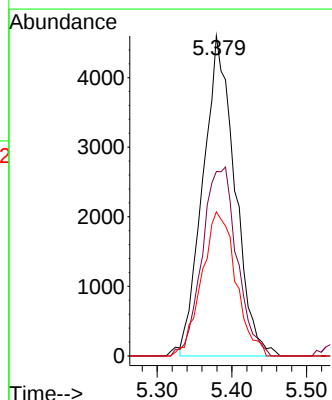
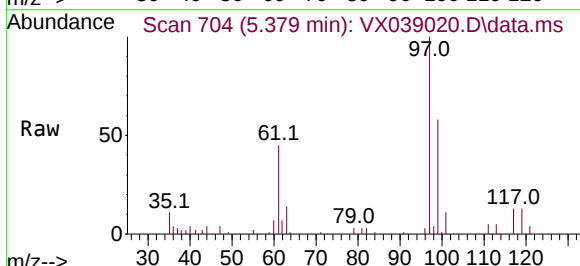
Tgt Ion: 97 Resp: 13618

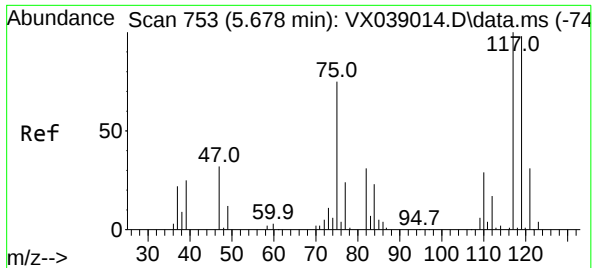
Ion Ratio Lower Upper

97 100

99 64.1 52.6 79.0

61 48.1 36.9 55.3

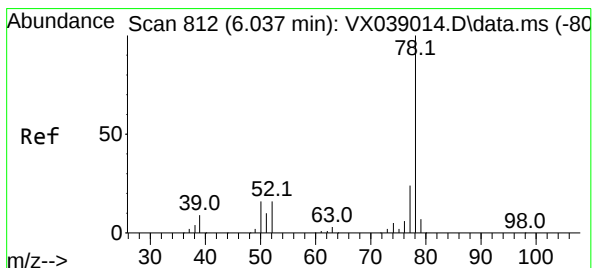
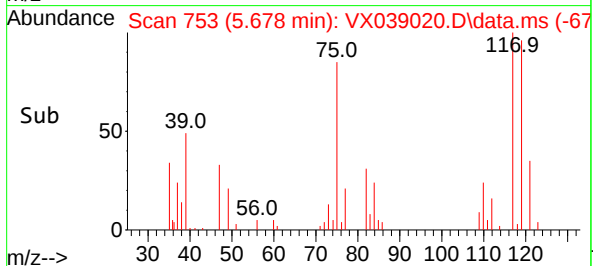
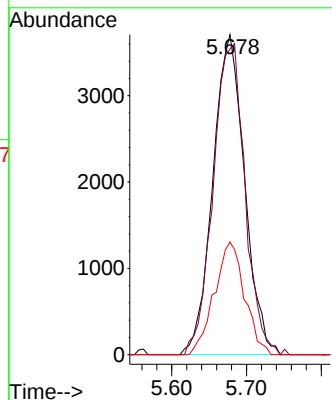
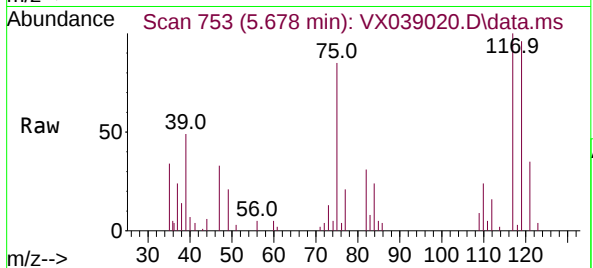




#33
Carbon Tetrachloride
Concen: 4.968 ug/l
RT: 5.678 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

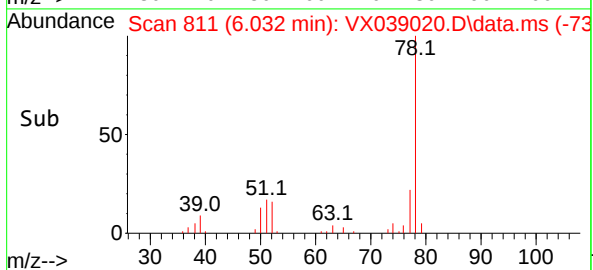
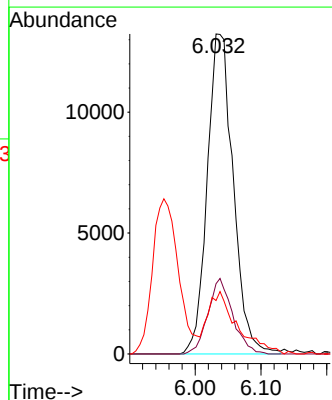
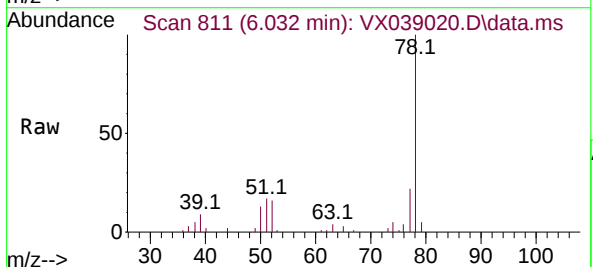
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

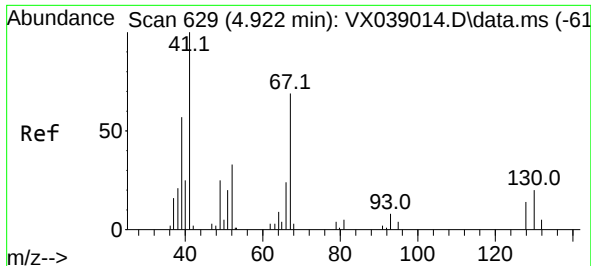
Tgt Ion:	117	Resp:	10945
Ion	Ratio	Lower	Upper
117	100		
119	95.6	78.2	117.4
121	35.2	24.7	37.1



#34
Benzene
Concen: 5.527 ug/l
RT: 6.032 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion:	78	Resp:	36437
Ion	Ratio	Lower	Upper
78	100		
77	21.9	19.3	28.9
51	15.9	14.4	21.6

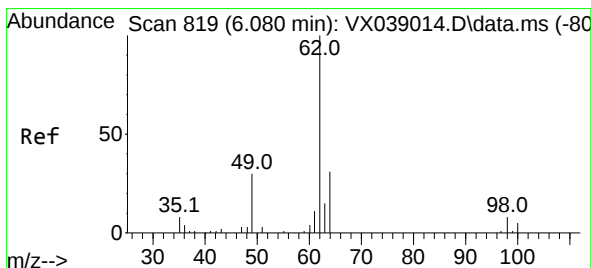
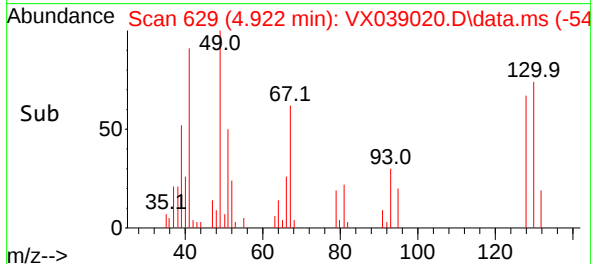
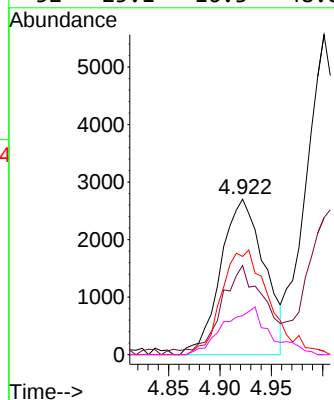
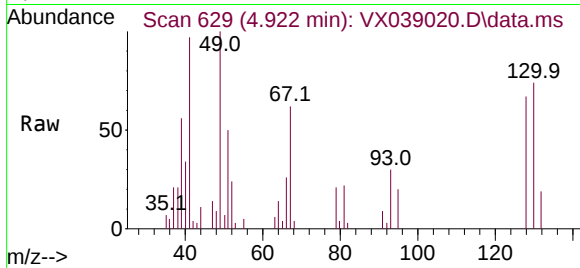




#35
Methacrylonitrile
Concen: 5.300 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

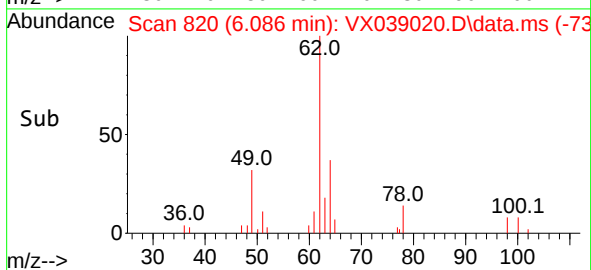
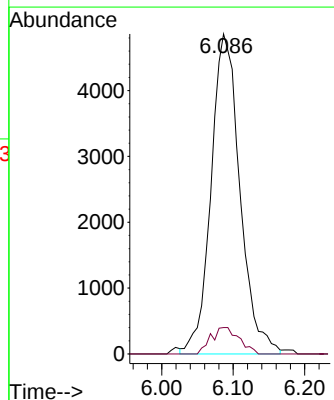
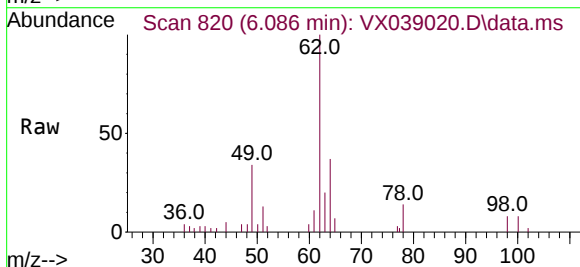
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

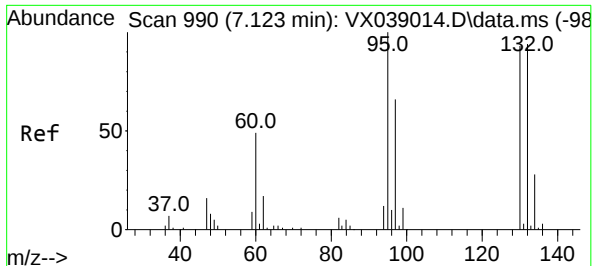
Tgt Ion:	41	Resp:	7998
Ion	Ratio	Lower	Upper
41	100		
39	54.6	28.2	84.7
67	63.2	34.5	103.5
52	25.1	16.3	48.8



#36
1,2-Dichloroethane
Concen: 5.644 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion:	62	Resp:	13651
Ion	Ratio	Lower	Upper
62	100		
98	8.1	7.0	10.4





#37

Trichloroethene

Concen: 5.421 ug/l

RT: 7.129 min Scan# 990

Delta R.T. 0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

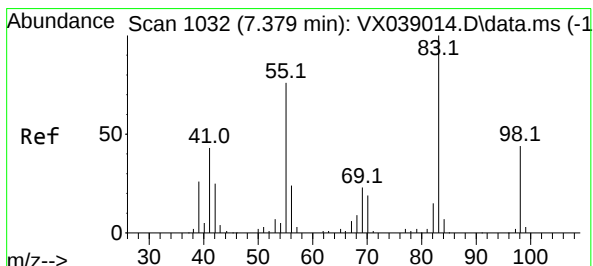
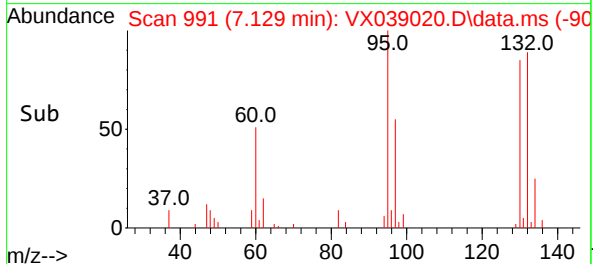
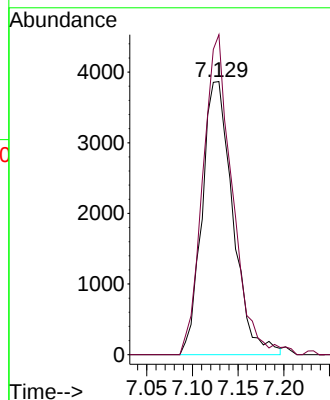
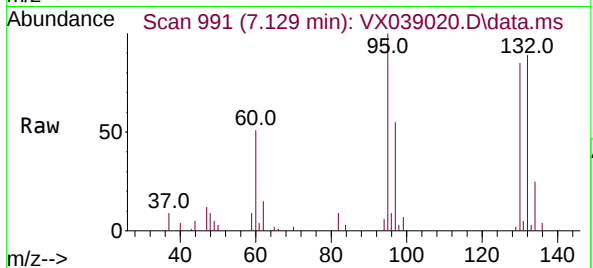
VSTDIC005

Tgt Ion:130 Resp: 9070

Ion Ratio Lower Upper

130 100

95 117.1 85.8 128.8



#38

Methylcyclohexane

Concen: 5.296 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

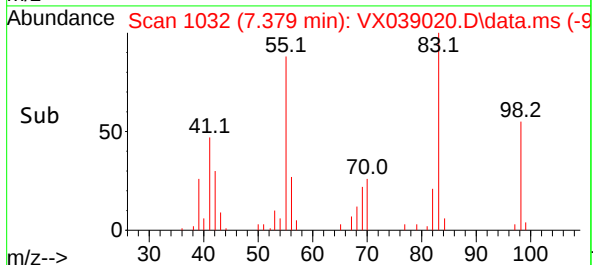
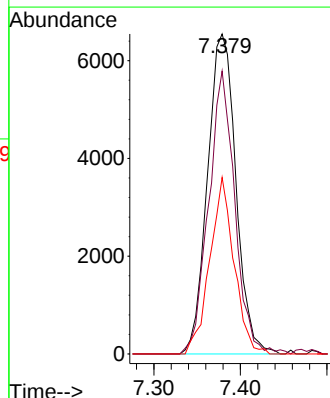
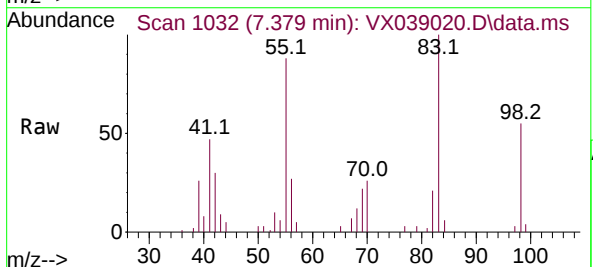
Tgt Ion: 83 Resp: 14932

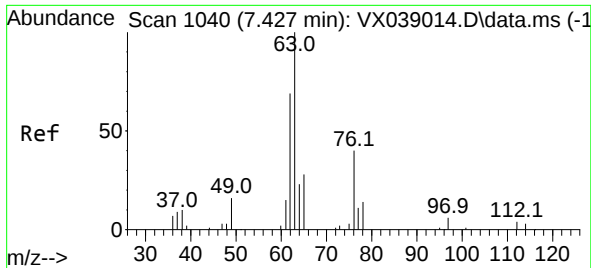
Ion Ratio Lower Upper

83 100

55 81.2 38.6 116.0

98 46.9 22.3 66.8





#39

1,2-Dichloropropane

Concen: 5.518 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

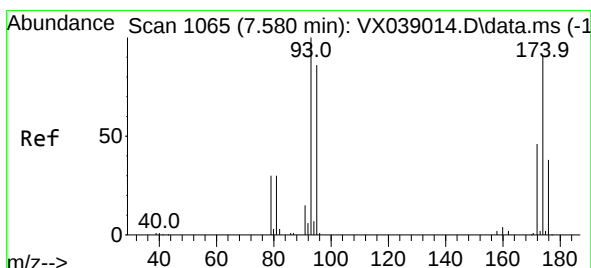
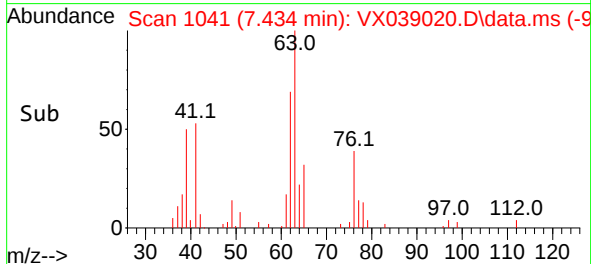
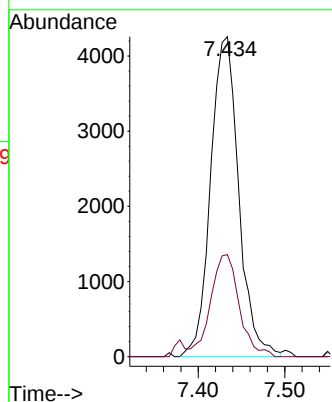
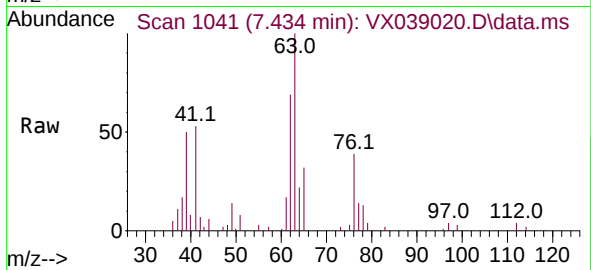
VSTDIC005

Tgt Ion: 63 Resp: 9594

Ion Ratio Lower Upper

63 100

65 31.9 24.6 37.0



#40

Dibromomethane

Concen: 5.478 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

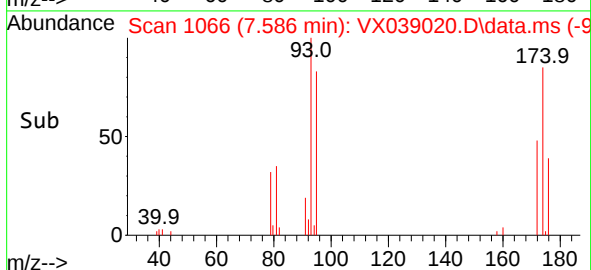
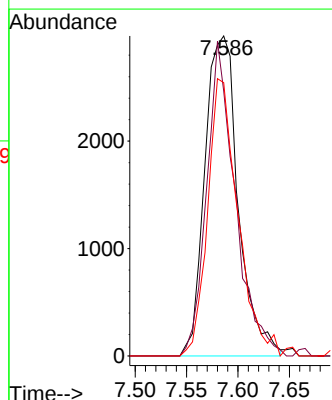
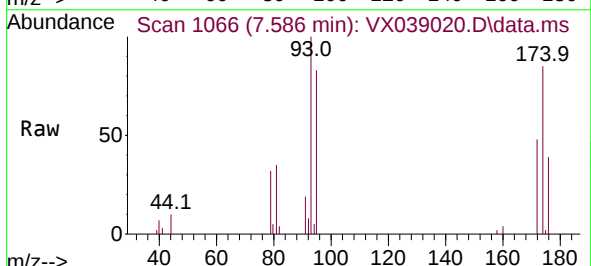
Tgt Ion: 93 Resp: 6729

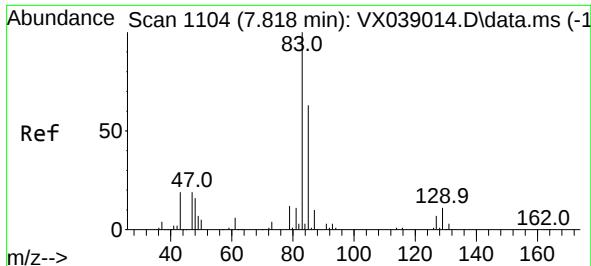
Ion Ratio Lower Upper

93 100

95 84.1 0.0 163.4

174 77.4 0.0 166.4

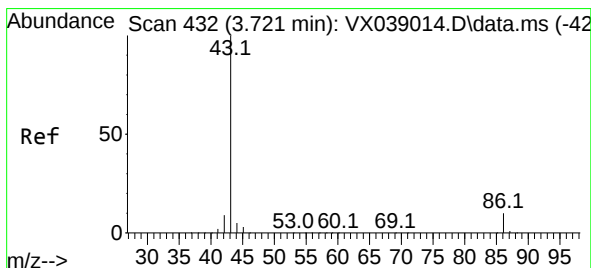
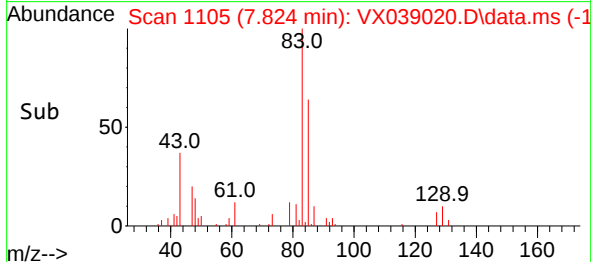
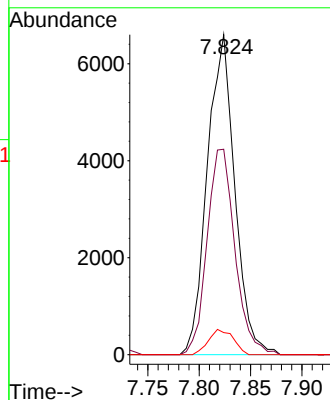
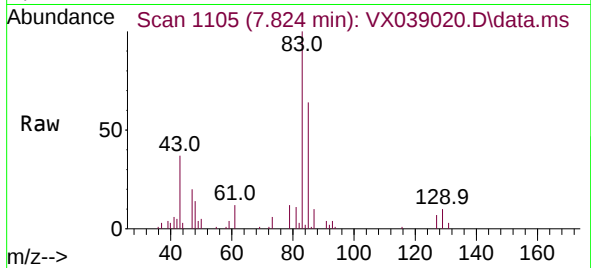




#41
Bromodichloromethane
Concen: 5.208 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

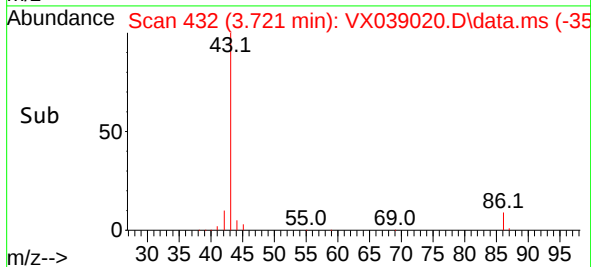
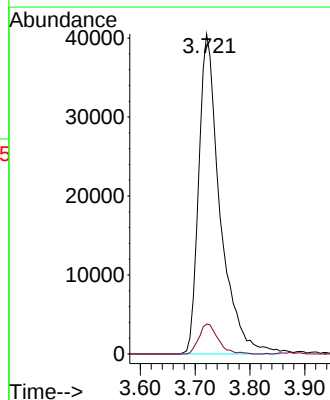
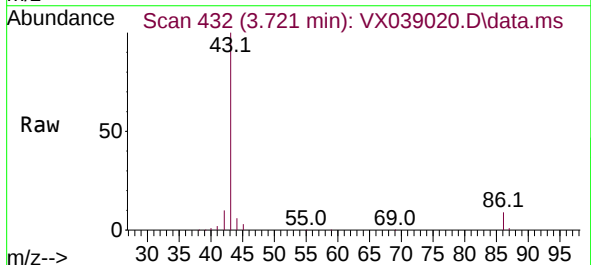
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

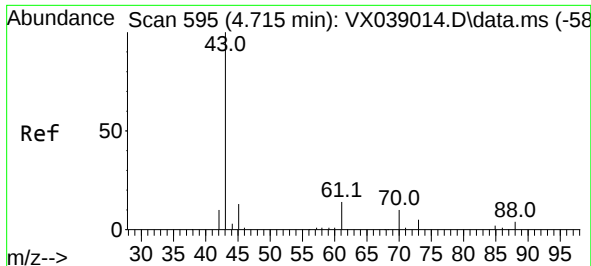
Tgt Ion: 83 Resp: 12289
Ion Ratio Lower Upper
83 100
85 64.2 50.8 76.2
127 6.9 5.9 8.9



#42
Vinyl Acetate
Concen: 26.975 ug/l
RT: 3.721 min Scan# 432
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 43 Resp: 109465
Ion Ratio Lower Upper
43 100
86 8.2 6.7 10.1

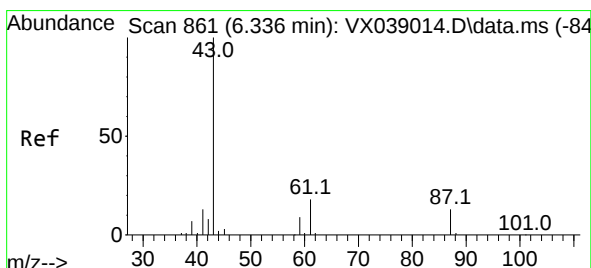
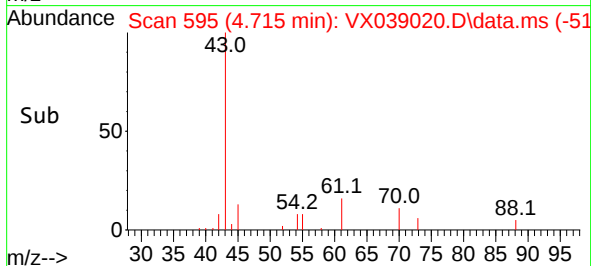
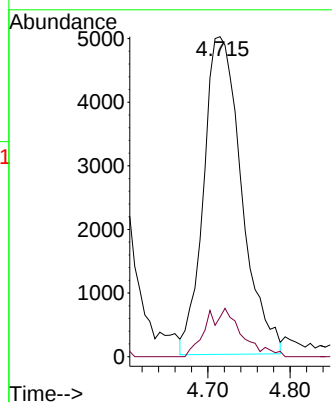
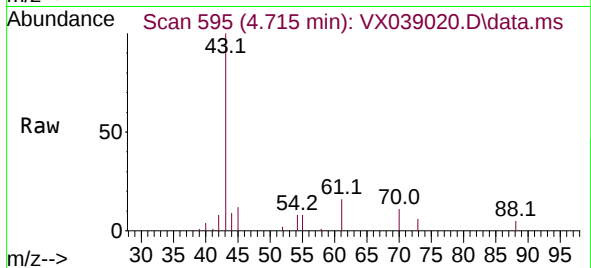




#43
Ethyl Acetate
Concen: 5.466 ug/l
RT: 4.715 min Scan# 595
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

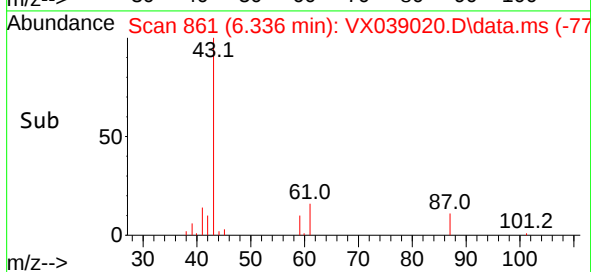
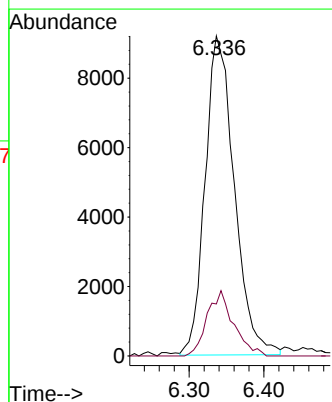
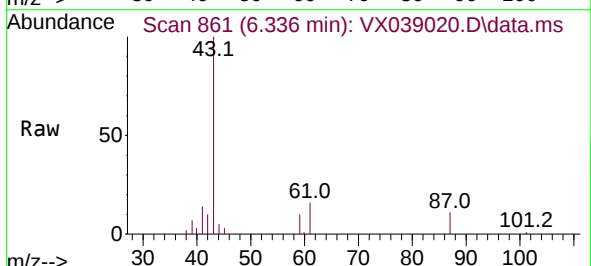
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

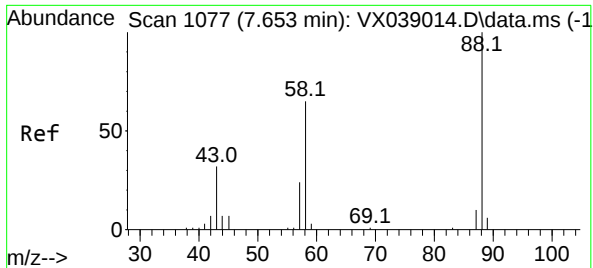
Tgt Ion: 43 Resp: 16021
Ion Ratio Lower Upper
43 100
45 8.5 11.8 17.8#



#44
Isopropyl Acetate
Concen: 5.409 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 43 Resp: 24992
Ion Ratio Lower Upper
43 100
61 18.6 15.6 23.4

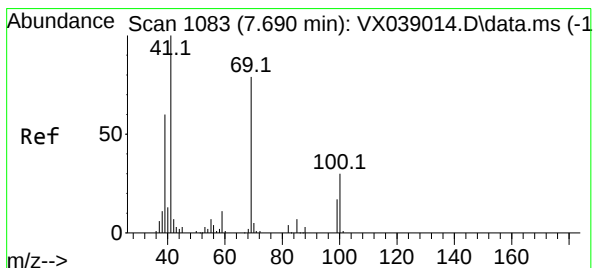
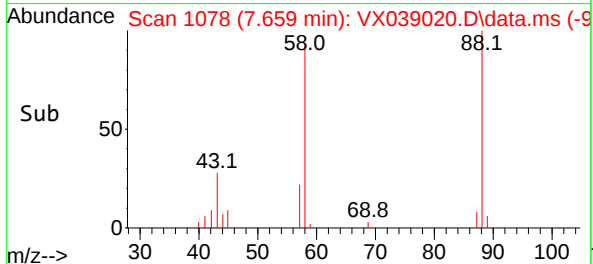
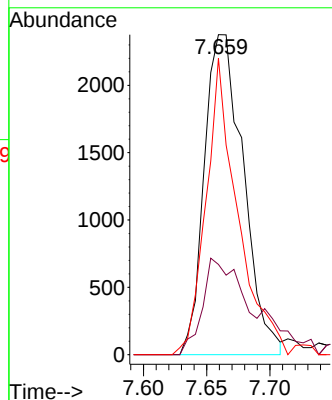
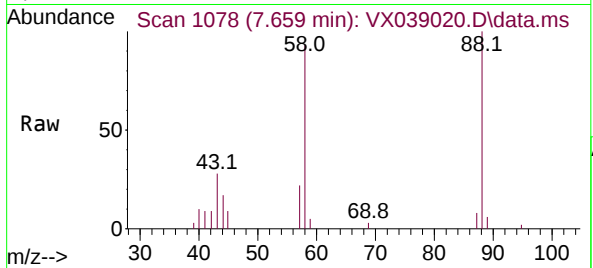




#45
1,4-Dioxane
Concen: 108.031 ug/l
RT: 7.659 min Scan# 1077
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

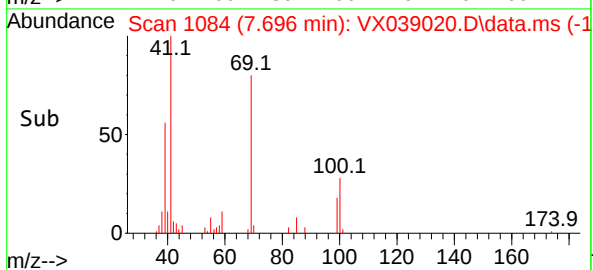
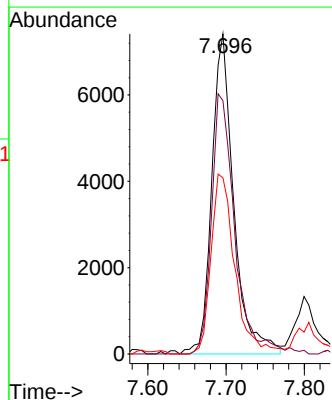
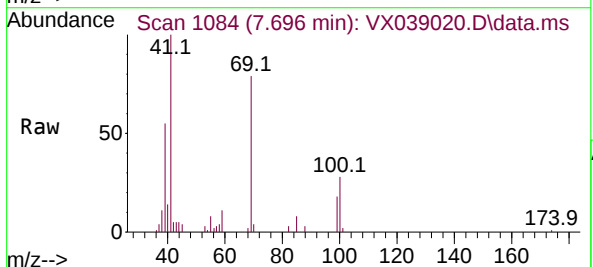
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

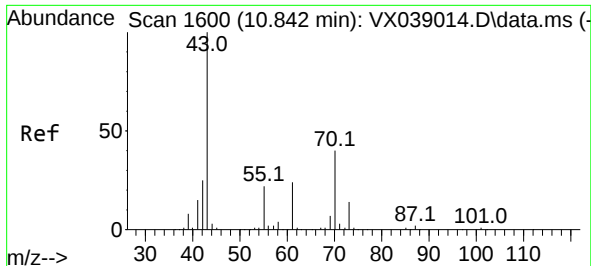
Tgt Ion: 88	Resp:	5096
Ion	Ratio	Lower Upper
88	100	
43	30.7	28.1 42.1
58	75.3	57.7 86.5



#46
Methyl methacrylate
Concen: 5.455 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 41	Resp:	14411
Ion	Ratio	Lower Upper
41	100	
69	79.1	39.6 118.8
39	55.0	30.1 90.3

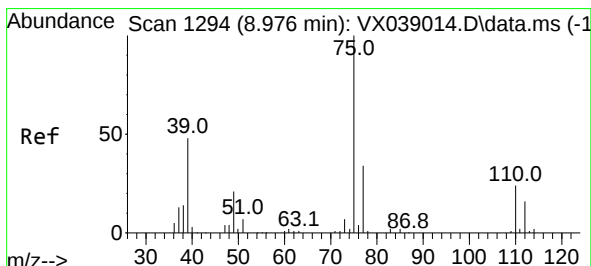
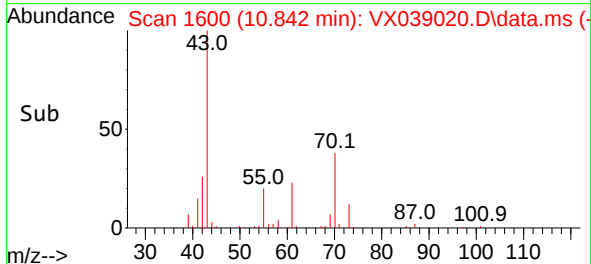
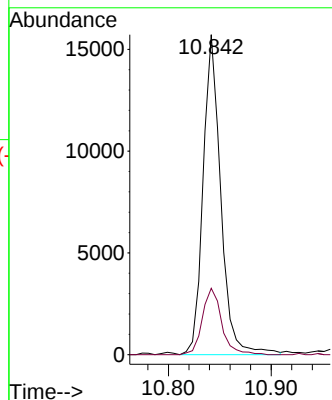
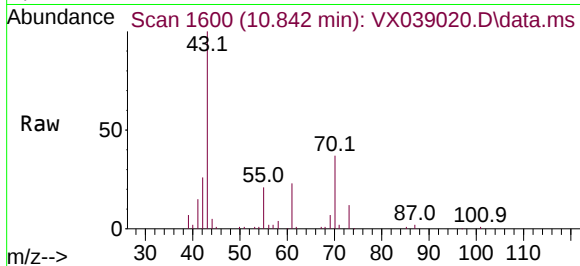




#47
n-amyl acetate
Concen: 4.823 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

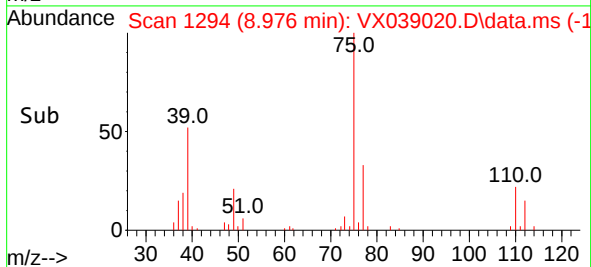
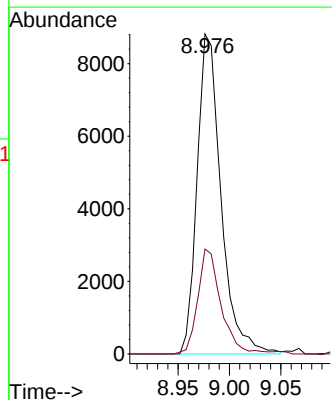
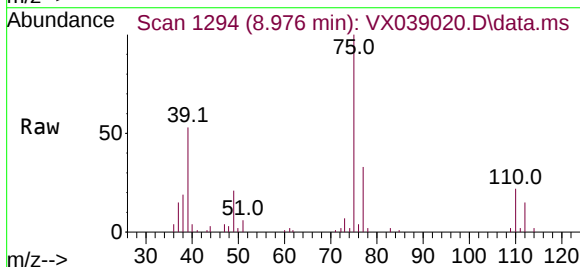
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

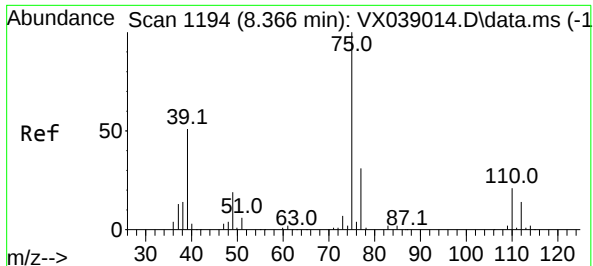
Tgt Ion: 43 Resp: 18863
Ion Ratio Lower Upper
43 100
55 22.6 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 5.226 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 75 Resp: 14299
Ion Ratio Lower Upper
75 100
77 32.2 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 5.170 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

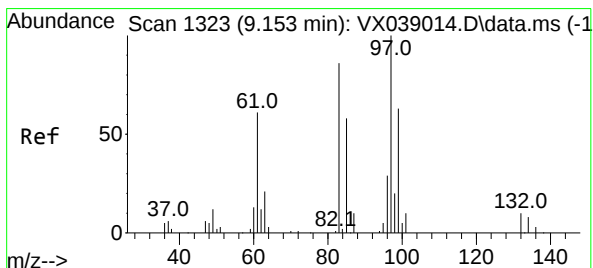
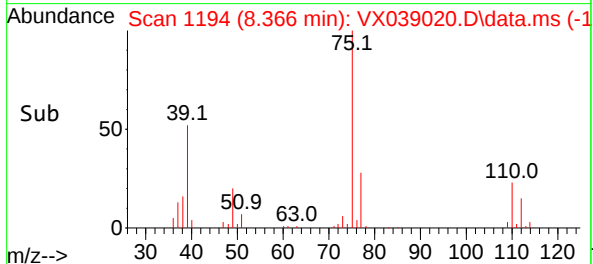
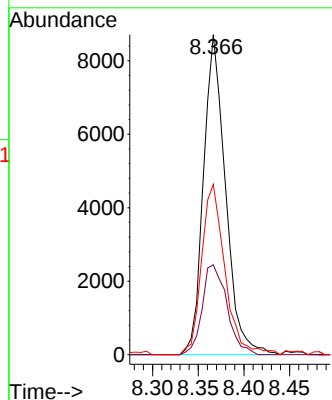
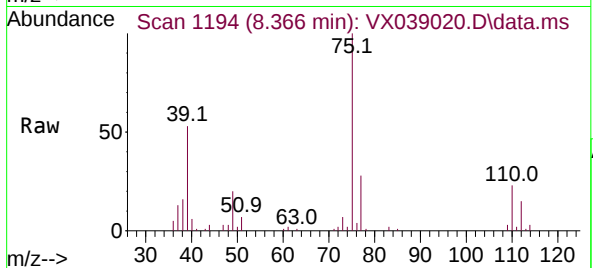
Tgt Ion: 75 Resp: 14593

Ion Ratio Lower Upper

75 100

77 28.1 24.4 36.6

39 53.2 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 5.280 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Tgt Ion: 97 Resp: 8811

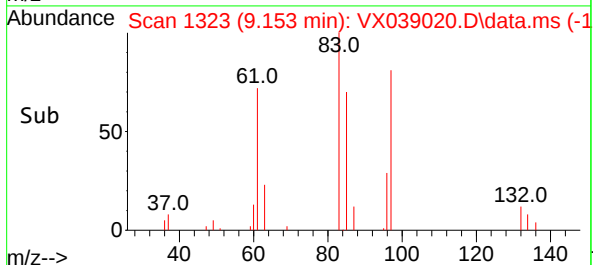
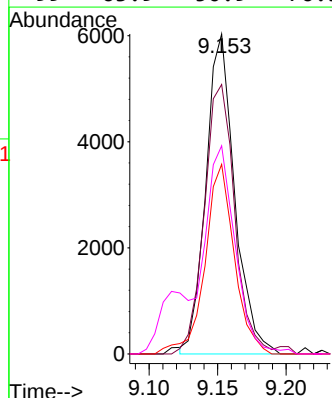
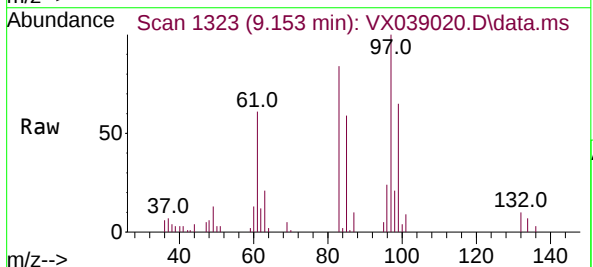
Ion Ratio Lower Upper

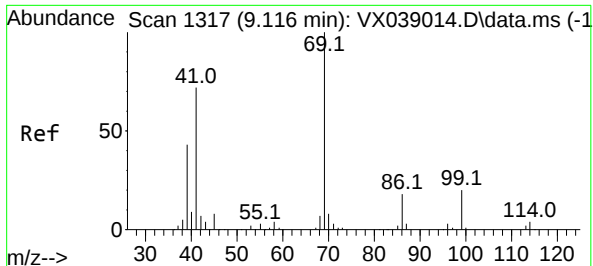
97 100

83 82.5 69.0 103.6

85 59.2 46.3 69.5

99 63.9 50.9 76.3

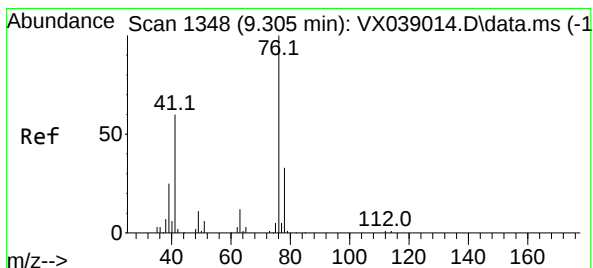
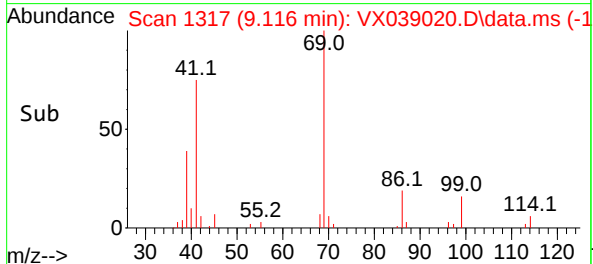
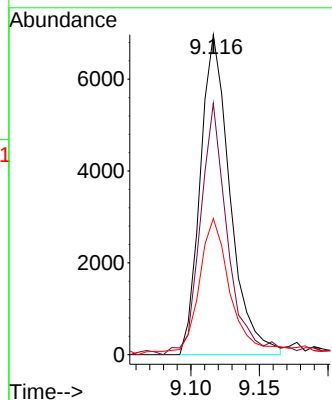
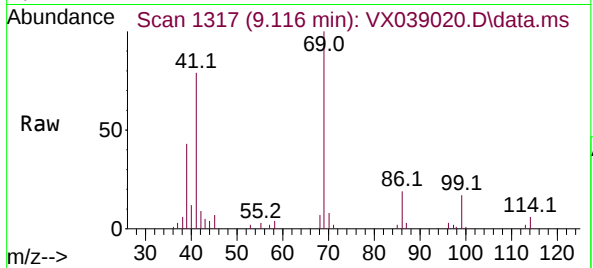




#51
Ethyl methacrylate
Concen: 5.048 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

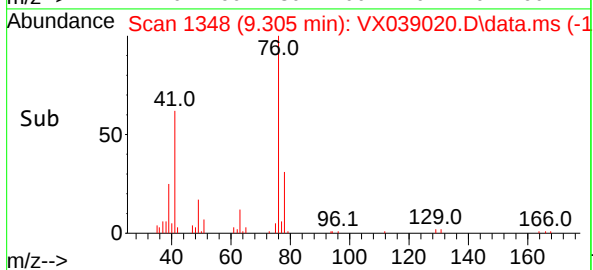
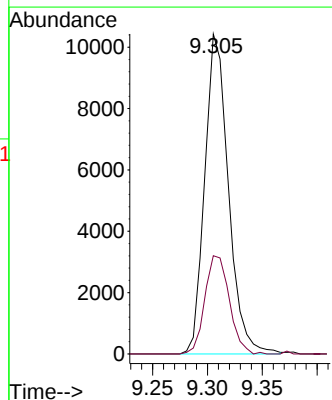
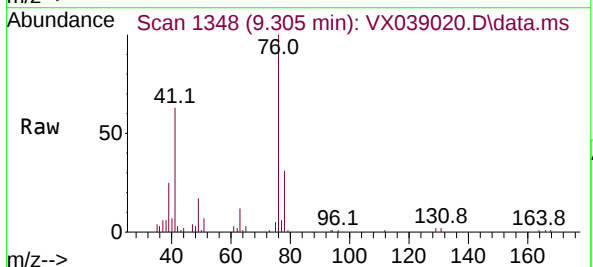
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

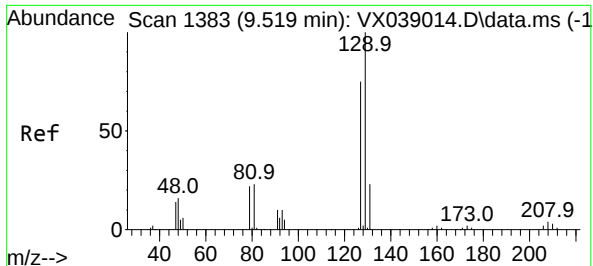
Tgt Ion: 69 Resp: 10545
Ion Ratio Lower Upper
69 100
41 76.5 36.2 108.6
39 41.0 21.1 63.4



#52
1,3-Dichloropropane
Concen: 5.485 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 76 Resp: 15695
Ion Ratio Lower Upper
76 100
78 31.5 0.0 65.0

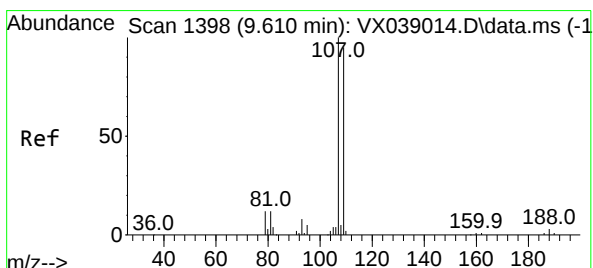
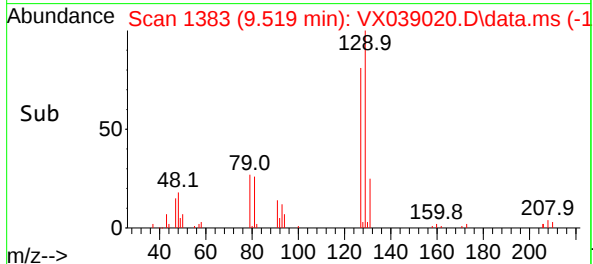
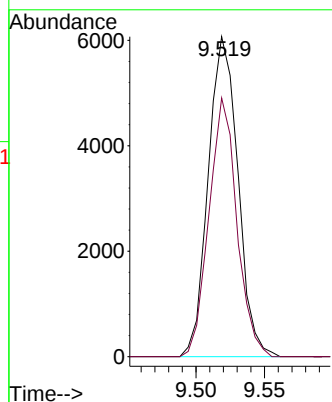
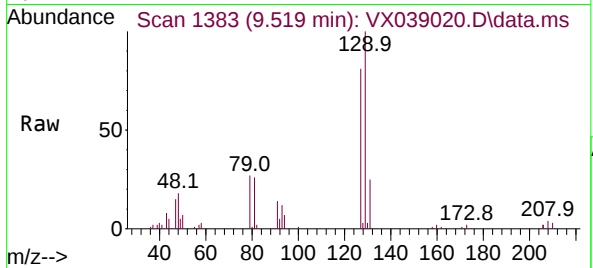




#53
Dibromochloromethane
Concen: 5.101 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

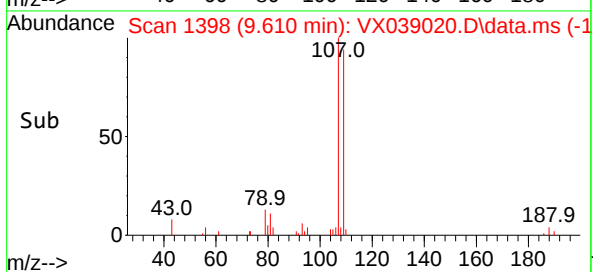
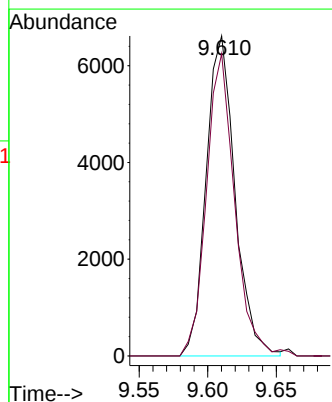
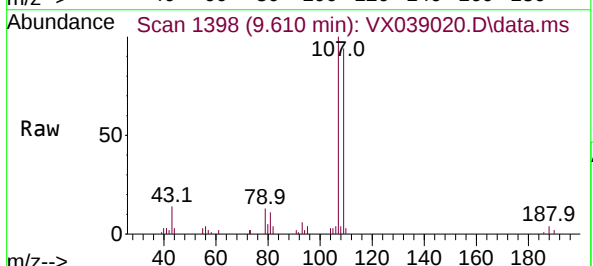
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

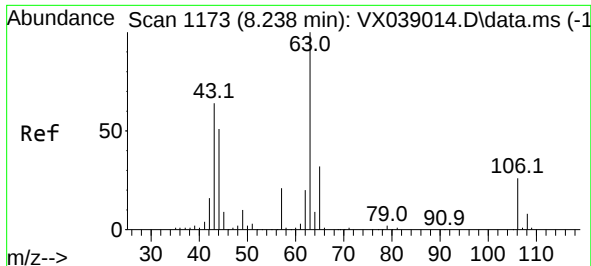
Tgt Ion:129 Resp: 9142
Ion Ratio Lower Upper
129 100
127 75.9 38.3 114.9



#54
1,2-Dibromoethane
Concen: 5.299 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion:107 Resp: 9696
Ion Ratio Lower Upper
107 100
109 91.5 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 25.498 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

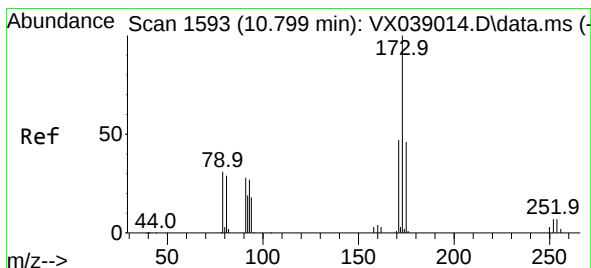
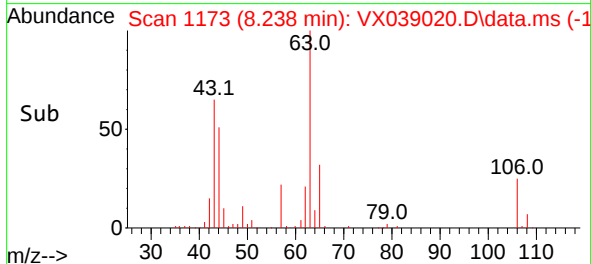
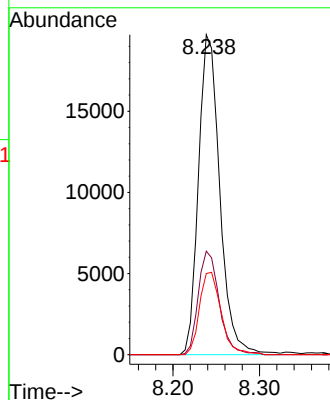
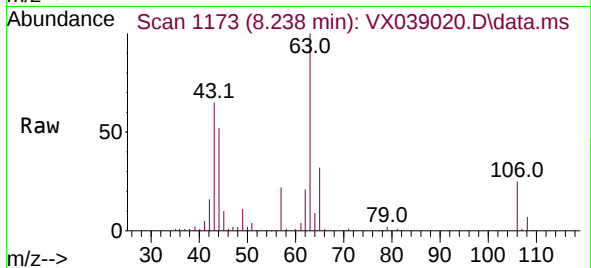
Tgt Ion: 63 Resp: 33740

Ion Ratio Lower Upper

63 100

65 31.5 25.8 38.6

106 26.0 20.6 31.0



#56

Bromoform

Concen: 4.729 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

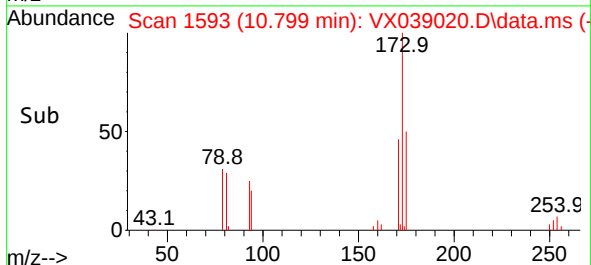
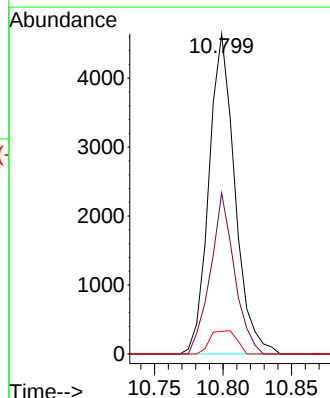
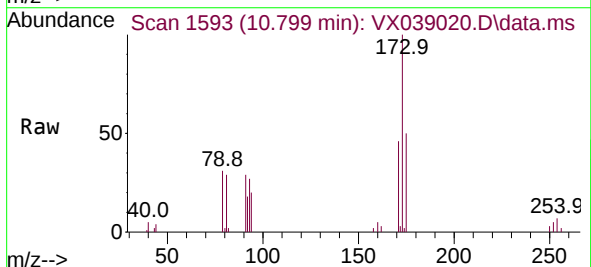
Tgt Ion: 173 Resp: 6117

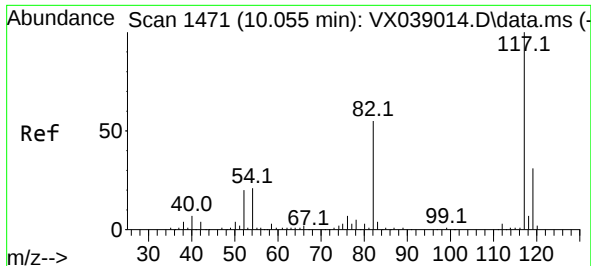
Ion Ratio Lower Upper

173 100

175 46.4 37.6 56.4

254 7.4 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

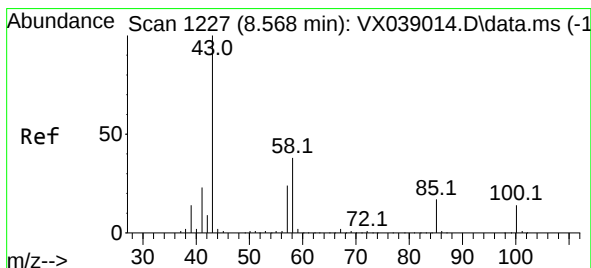
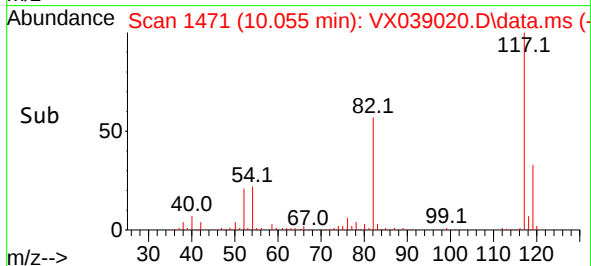
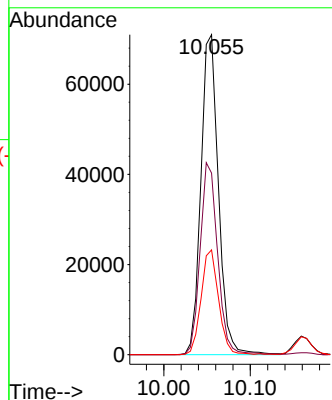
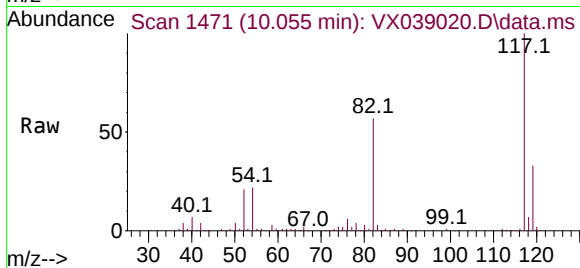
Tgt Ion:117 Resp: 100017

Ion Ratio Lower Upper

117 100

82 59.8 47.0 70.6

119 32.6 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 27.517 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

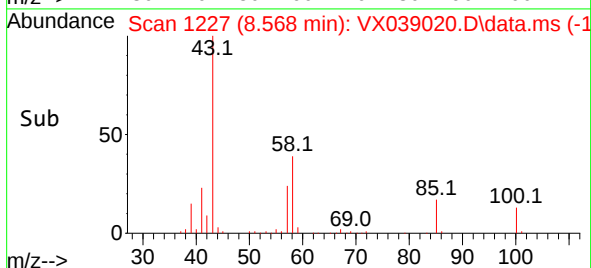
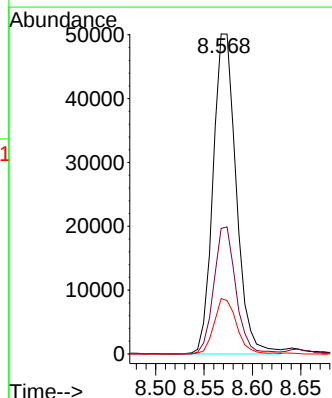
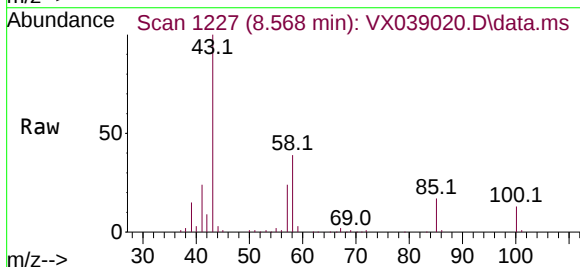
Tgt Ion: 43 Resp: 83460

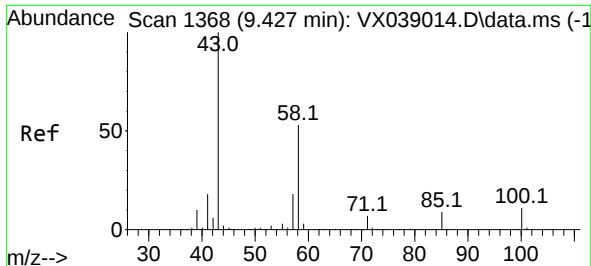
Ion Ratio Lower Upper

43 100

58 38.1 30.1 45.1

85 16.9 13.9 20.9

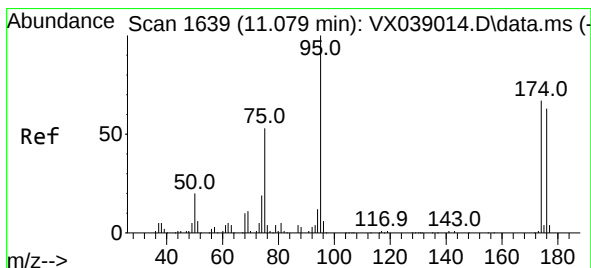
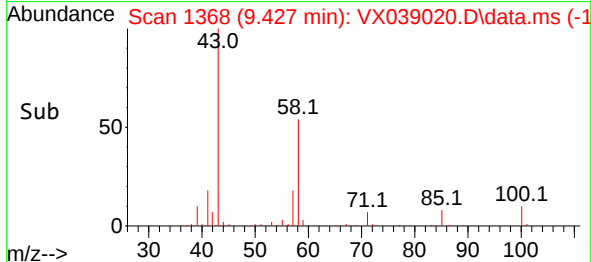
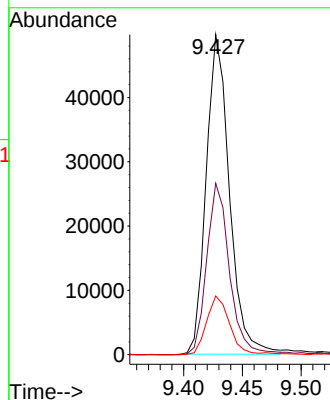
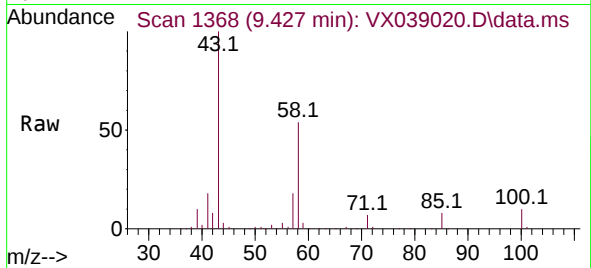




#59
2-Hexanone
Concen: 27.492 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

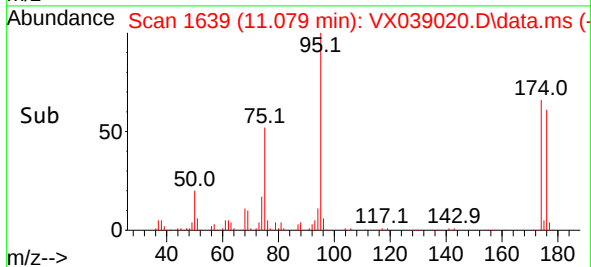
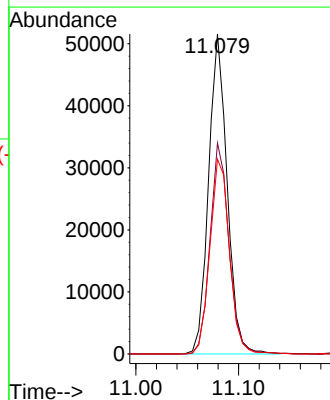
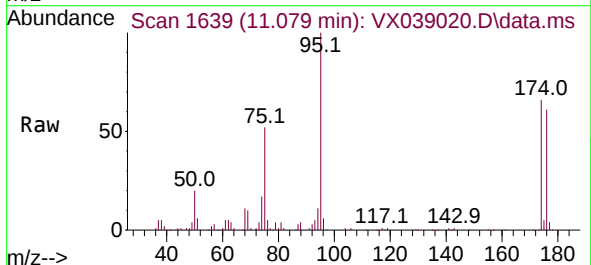
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

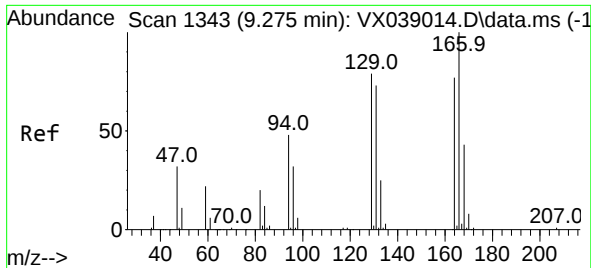
Tgt Ion: 43 Resp: 68445
Ion Ratio Lower Upper
43 100
58 52.9 42.7 64.1
57 17.9 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 29.593 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 95 Resp: 64647
Ion Ratio Lower Upper
95 100
174 66.9 55.4 83.2
176 63.8 52.6 78.8



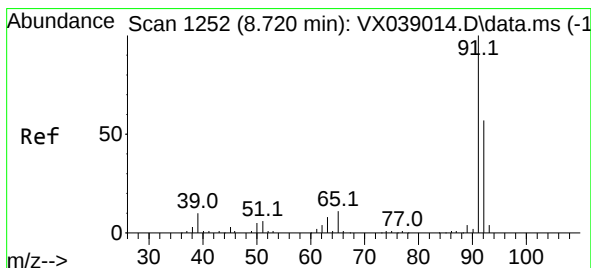
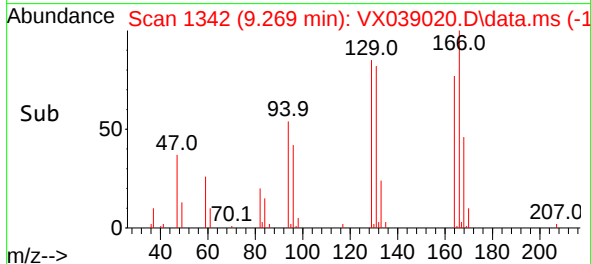
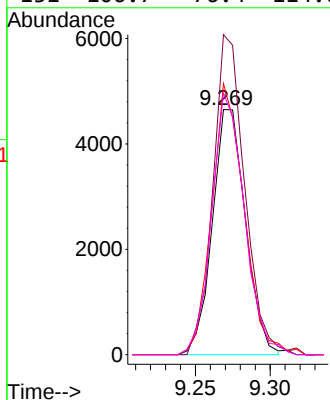
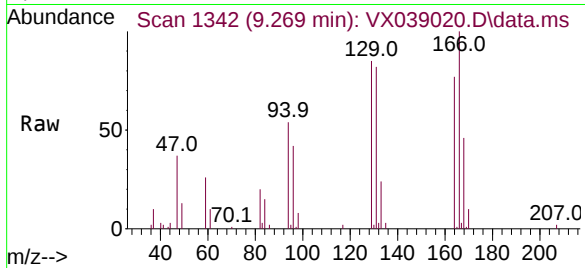


#61
Tetrachloroethene
Concen: 5.514 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

Tgt Ion:164 Resp: 7170

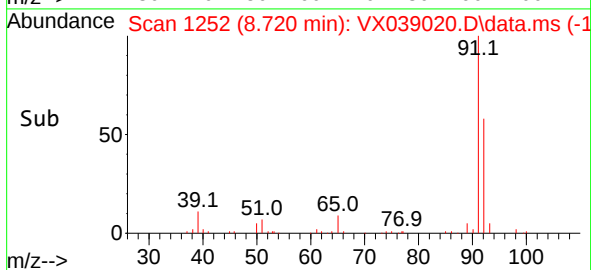
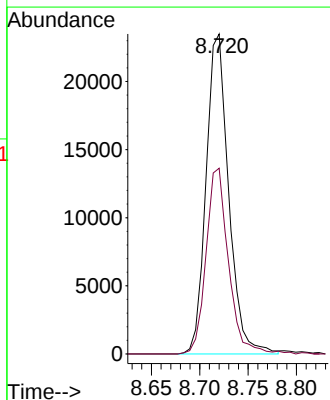
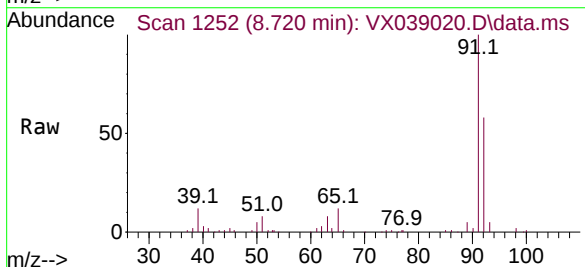
Ion	Ratio	Lower	Upper
164	100		
166	130.5	104.0	156.0
129	110.6	82.0	123.0
131	106.7	76.4	114.6

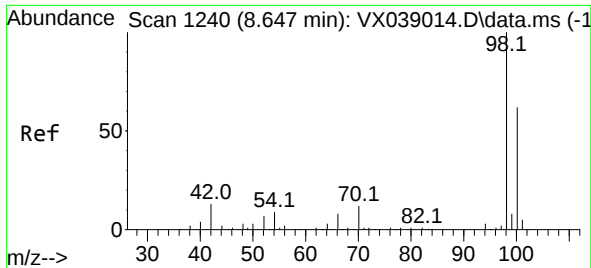


#62
Toluene
Concen: 5.387 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 91 Resp: 38251

Ion	Ratio	Lower	Upper
91	100		
92	57.2	45.9	68.9

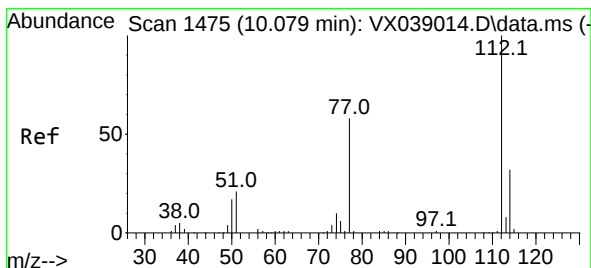
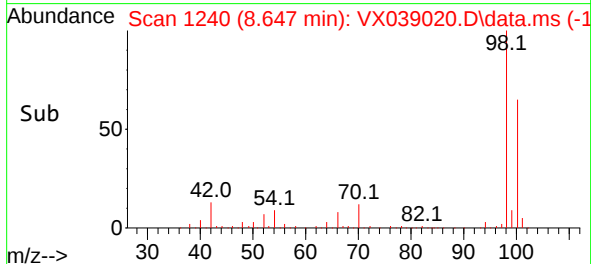
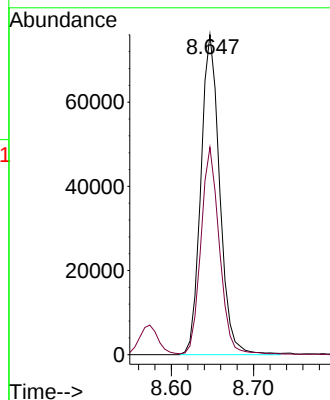
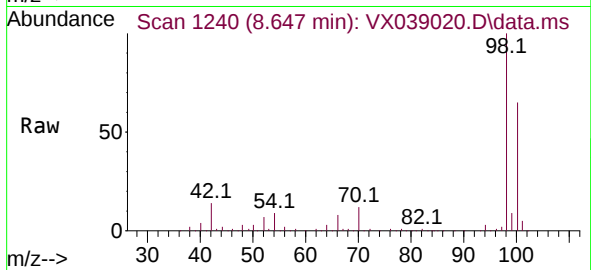




#63
Toluene-d8
Concen: 30.625 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

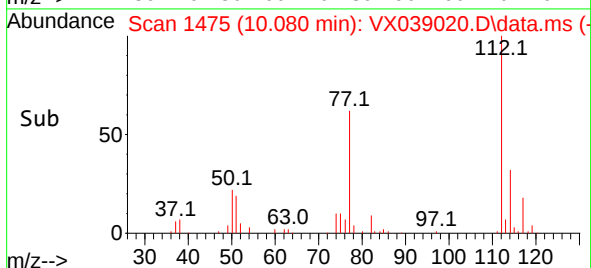
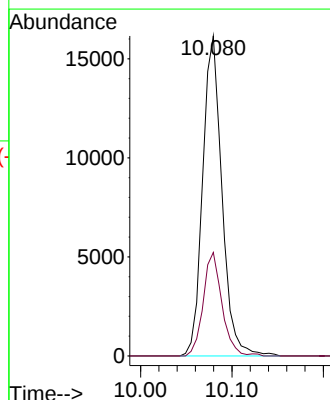
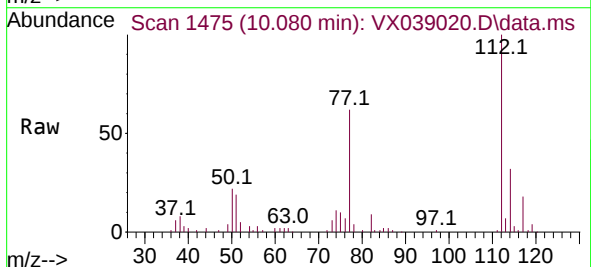
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

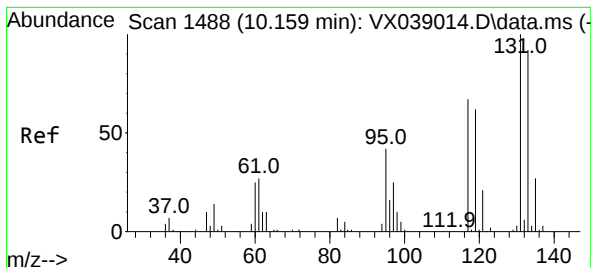
Tgt Ion: 98 Resp: 121103
Ion Ratio Lower Upper
98 100
100 62.8 51.0 76.4



#64
Chlorobenzene
Concen: 5.476 ug/l
RT: 10.080 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 112 Resp: 23654
Ion Ratio Lower Upper
112 100
114 32.4 25.9 38.9

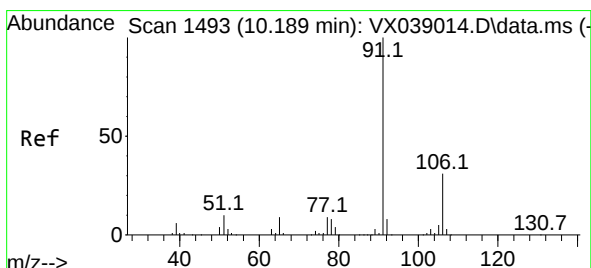
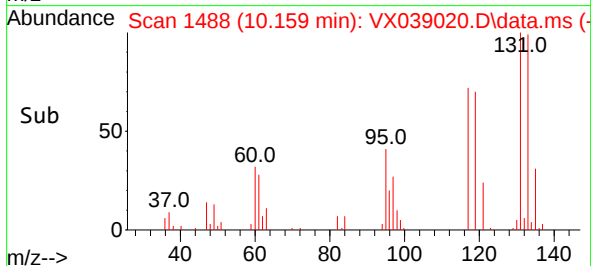
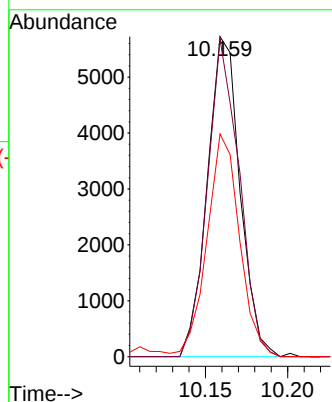
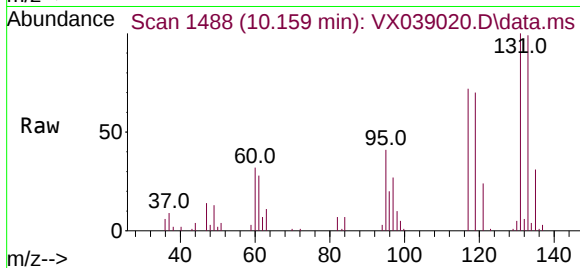




#65
1,1,1,2-Tetrachloroethane
Concen: 5.100 ug/l
RT: 10.159 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

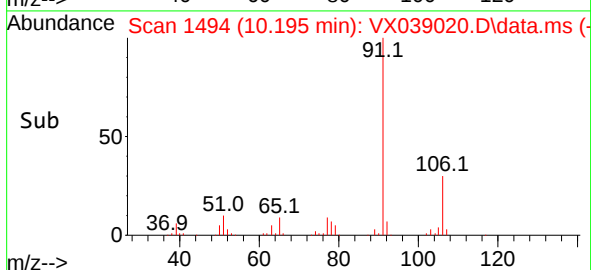
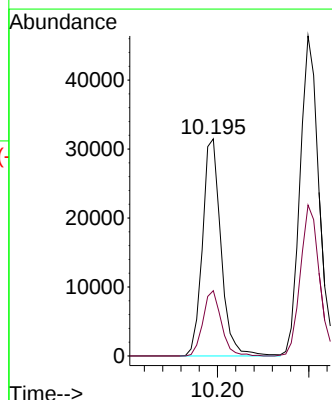
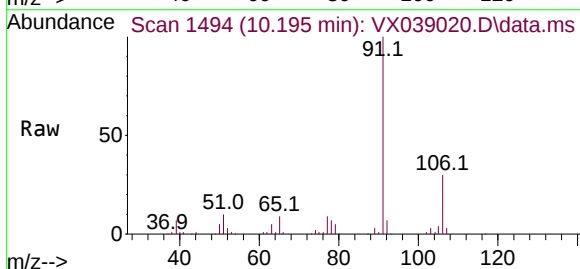
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

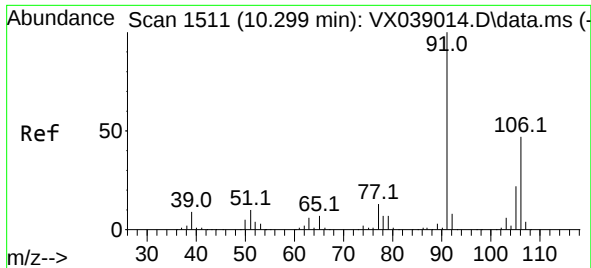
Tgt Ion:131 Resp: 7933
Ion Ratio Lower Upper
131 100
133 96.0 0.0 191.8
119 69.2 0.0 135.4



#66
Ethyl Benzene
Concen: 5.465 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 91 Resp: 44186
Ion Ratio Lower Upper
91 100
106 30.1 24.4 36.6

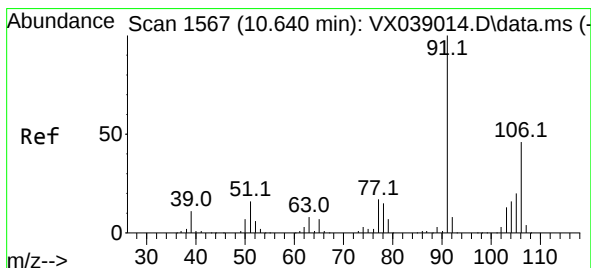
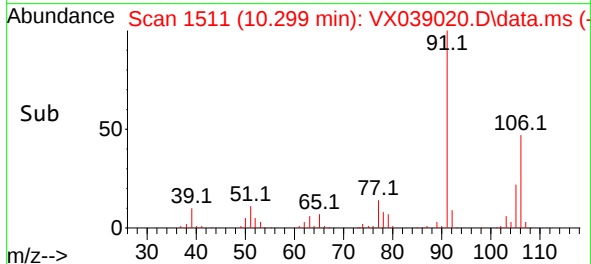
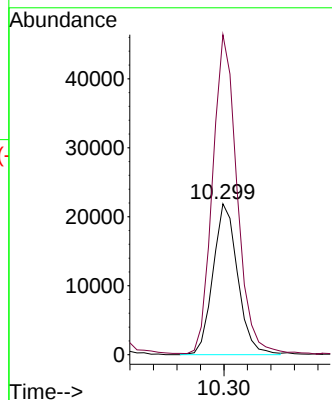
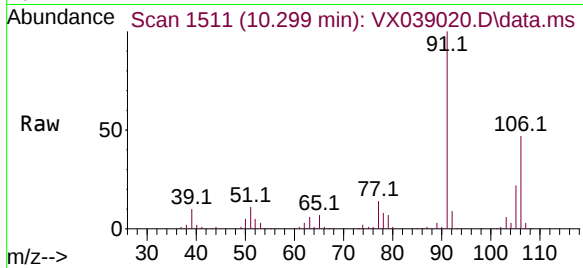




#67
m/p-Xylenes
Concen: 10.676 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

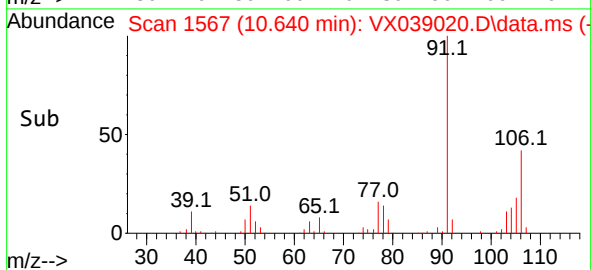
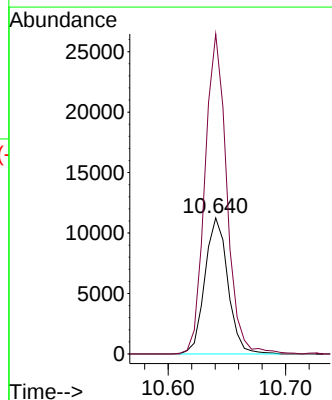
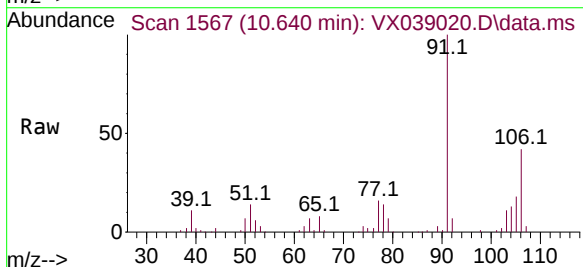
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

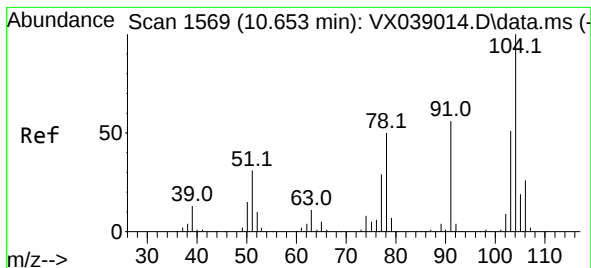
Tgt Ion:106 Resp: 31898
Ion Ratio Lower Upper
106 100
91 212.2 169.4 254.0



#68
o-Xylene
Concen: 5.303 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion:106 Resp: 15348
Ion Ratio Lower Upper
106 100
91 222.9 111.2 333.6





#69

Styrene

Concen: 5.135 ug/l

RT: 10.659 min Scan# 11

Delta R.T. 0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

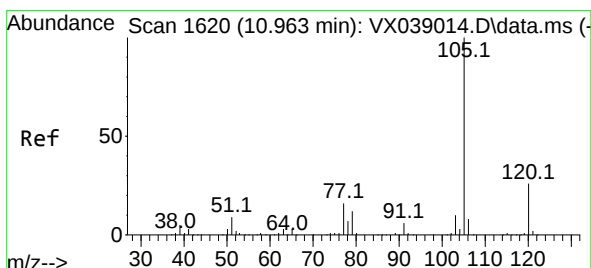
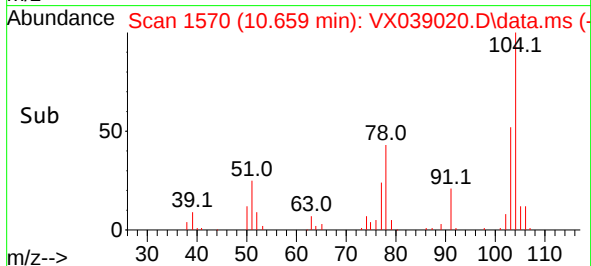
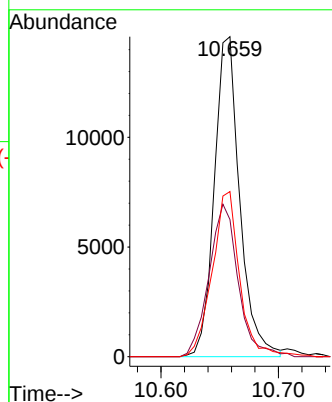
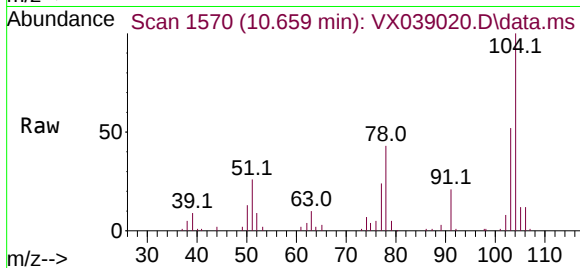
Tgt Ion:104 Resp: 21995

Ion Ratio Lower Upper

104 100

78 54.8 43.7 65.5

103 55.8 44.6 67.0



#70

Isopropylbenzene

Concen: 5.262 ug/l

RT: 10.964 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VX039020.D

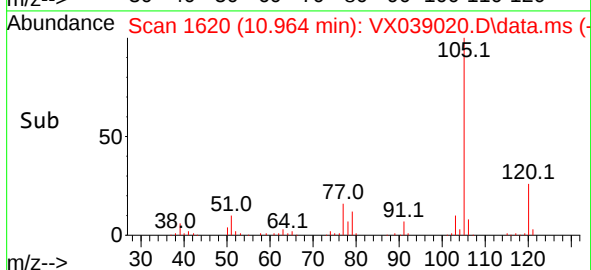
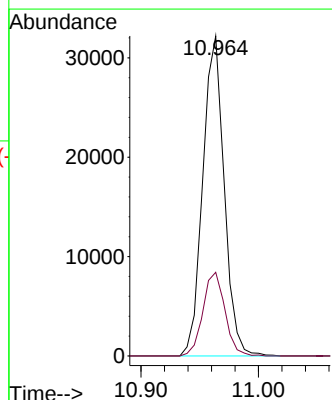
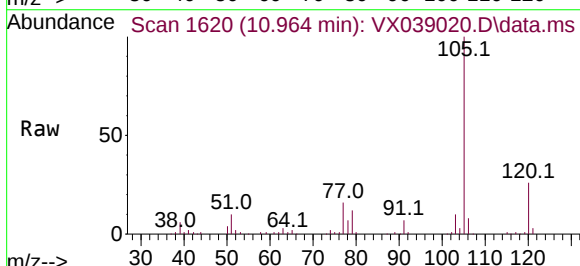
Acq: 24 Nov 2023 13:15

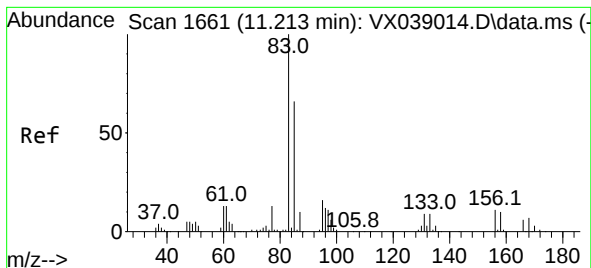
Tgt Ion:105 Resp: 40747

Ion Ratio Lower Upper

105 100

120 26.9 18.5 34.3

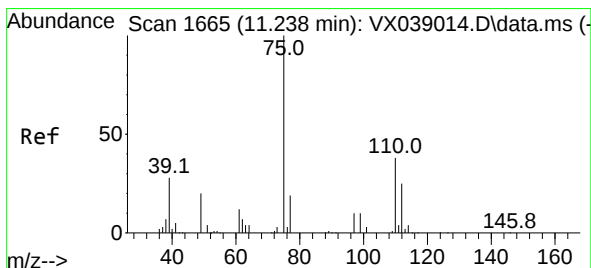
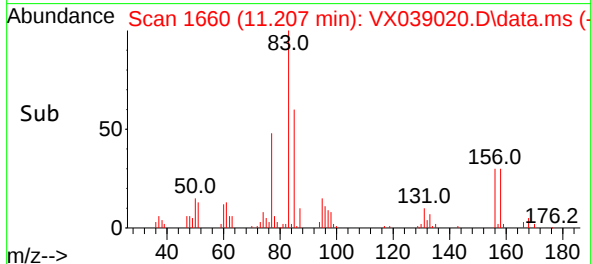
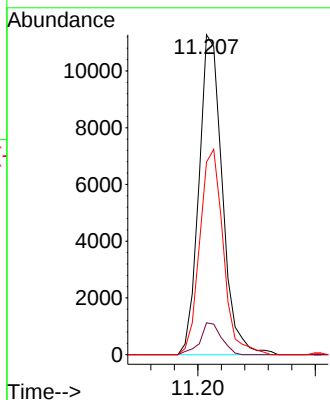
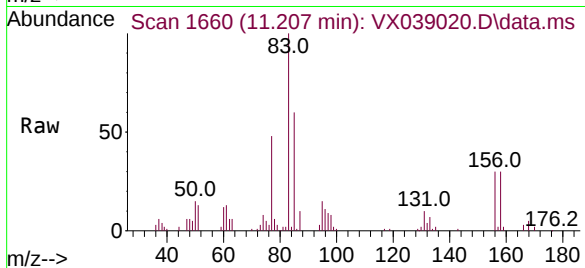




#71
1,1,2,2-Tetrachloroethane
Concen: 5.396 ug/l
RT: 11.207 min Scan# 1660
Delta R.T. -0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

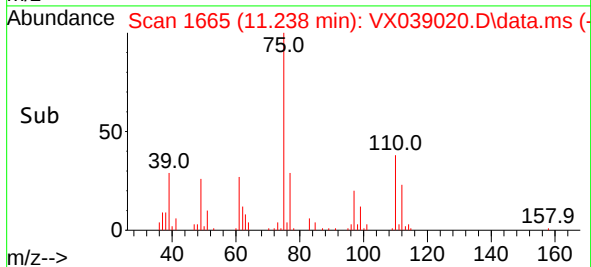
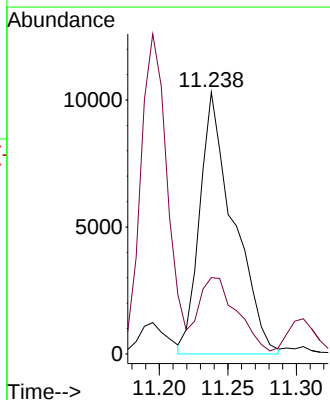
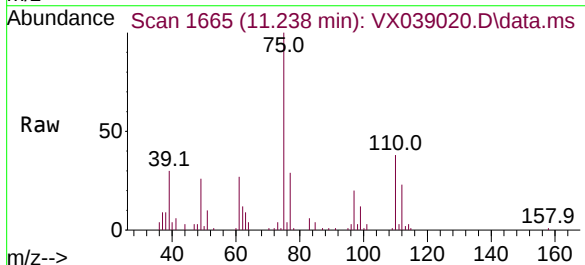
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

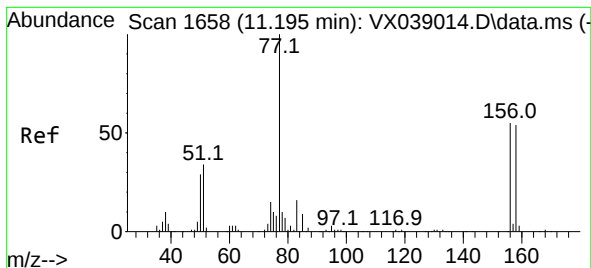
Tgt Ion: 83 Resp: 15600
Ion Ratio Lower Upper
83 100
131 9.1 4.6 13.8
85 64.3 32.5 97.4



#72
1,2,3-Trichloropropane
Concen: 5.345 ug/l
RT: 11.238 min Scan# 1665
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 75 Resp: 17755
Ion Ratio Lower Upper
75 100
77 33.2 0.0 76.4





#73

Bromobenzene

Concen: 5.367 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

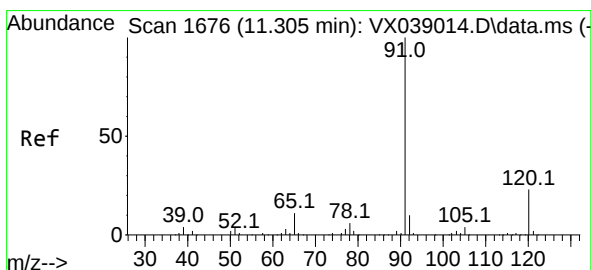
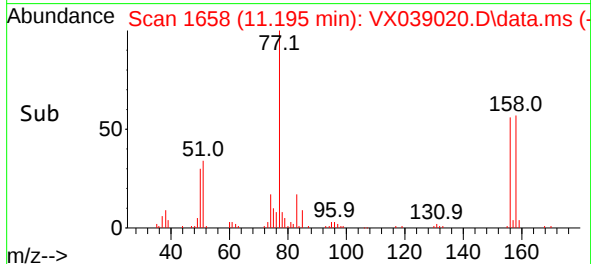
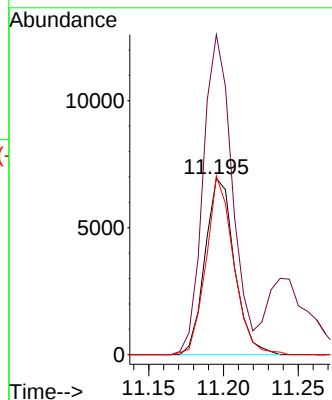
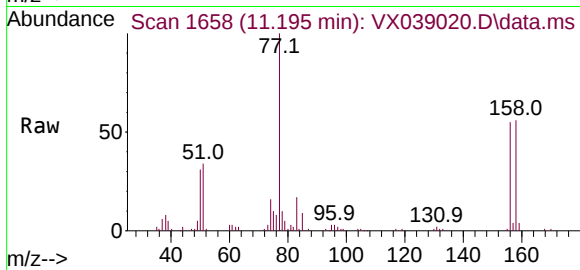
Tgt Ion:156 Resp: 9462

Ion Ratio Lower Upper

156 100

77 180.2 0.0 363.2

158 95.3 0.0 197.8



#74

n-propylbenzene

Concen: 5.225 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039020.D

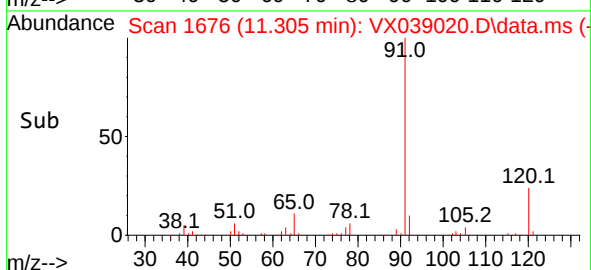
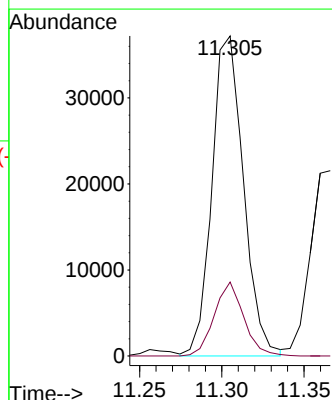
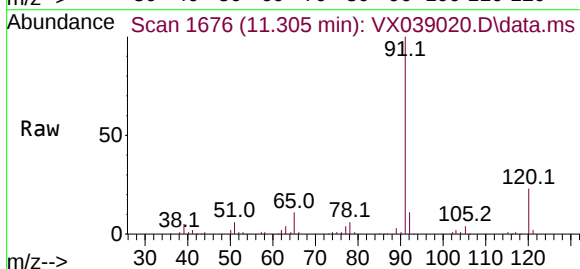
Acq: 24 Nov 2023 13:15

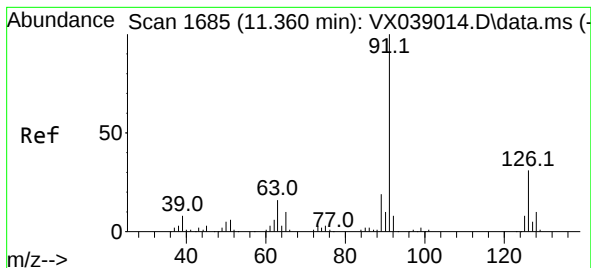
Tgt Ion: 91 Resp: 49576

Ion Ratio Lower Upper

91 100

120 21.6 0.0 43.4





#75

2-Chlorotoluene

Concen: 5.399 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

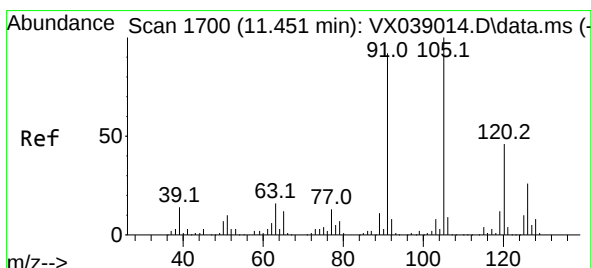
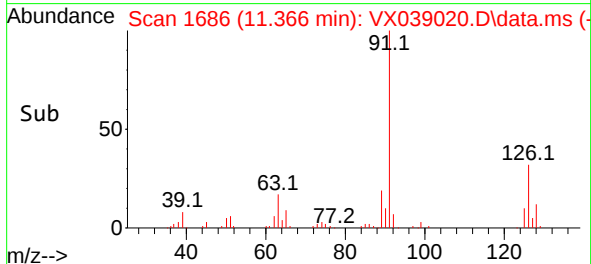
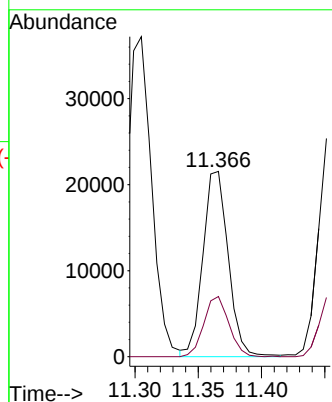
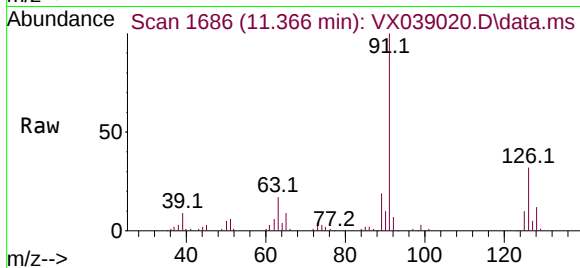
VSTDIC005

Tgt Ion: 91 Resp: 30051

Ion Ratio Lower Upper

91 100

126 32.0 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 5.211 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039020.D

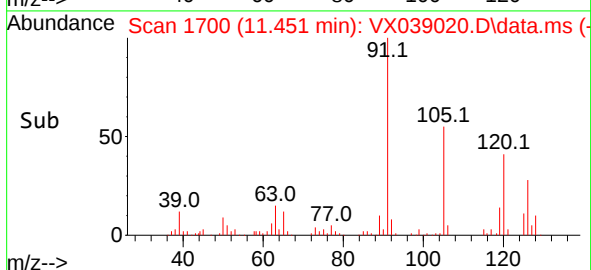
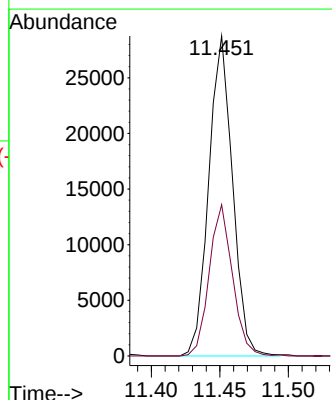
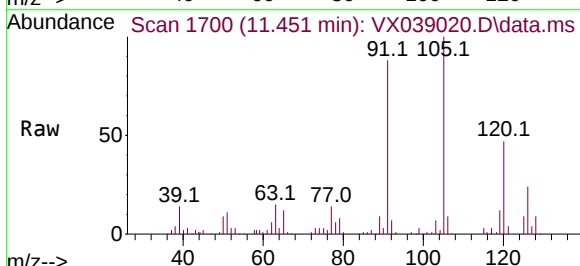
Acq: 24 Nov 2023 13:15

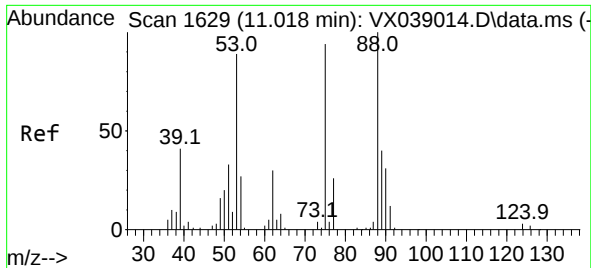
Tgt Ion: 105 Resp: 34763

Ion Ratio Lower Upper

105 100

120 46.2 0.0 92.6

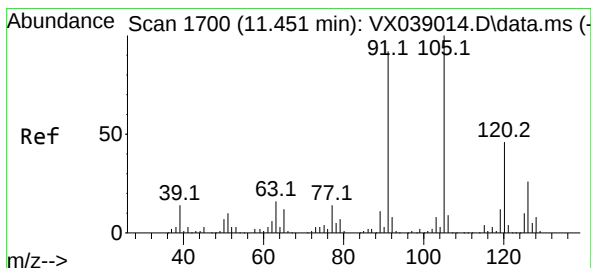
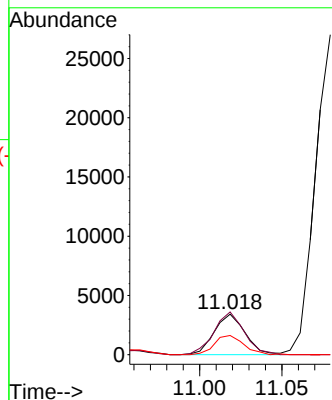
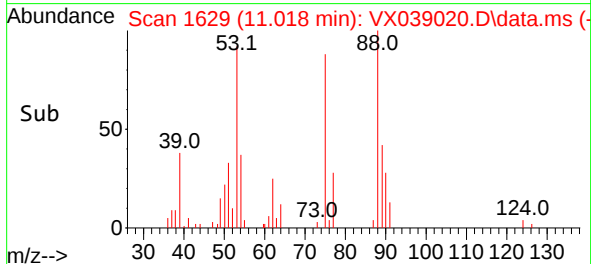
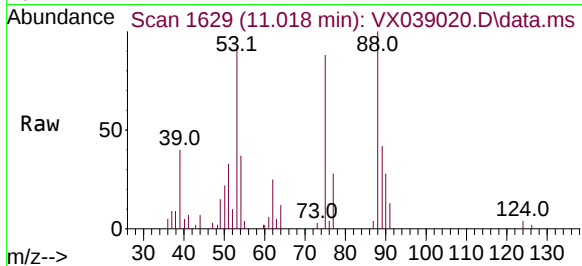




#77
t-1,4-Dichloro-2-butene
Concen: 4.600 ug/l
RT: 11.018 min Scan# 1101
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

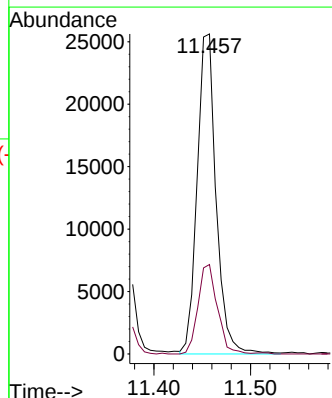
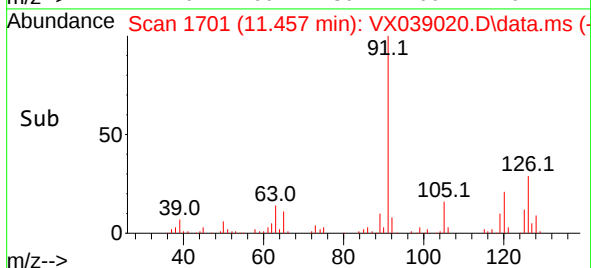
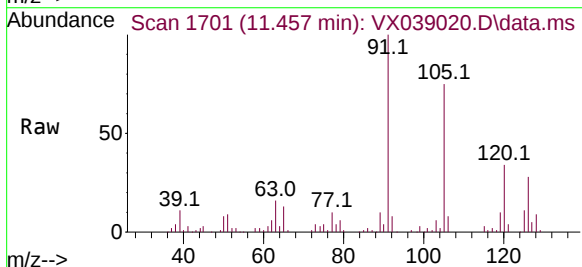
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

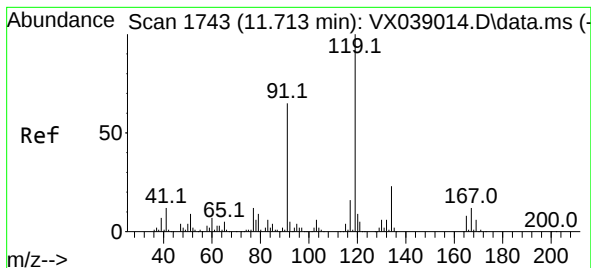
Tgt Ion:	75	Resp:	4459
Ion	Ratio	Lower	Upper
75	100		
53	105.5	46.9	140.8
89	47.5	21.3	63.7



#78
4-Chlorotoluene
Concen: 5.350 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion:	91	Resp:	35009
Ion	Ratio	Lower	Upper
91	100		
126	28.4	0.0	57.4





#79

tert-butylbenzene

Concen: 5.194 ug/l

RT: 11.713 min Scan# 1743

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

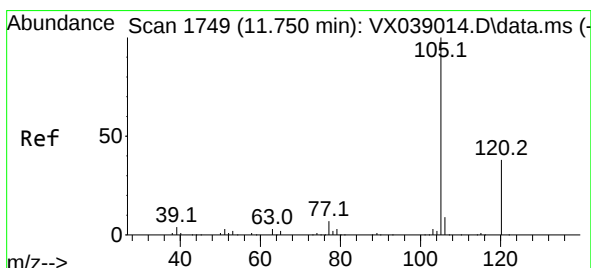
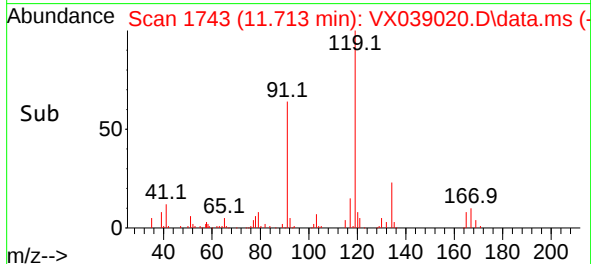
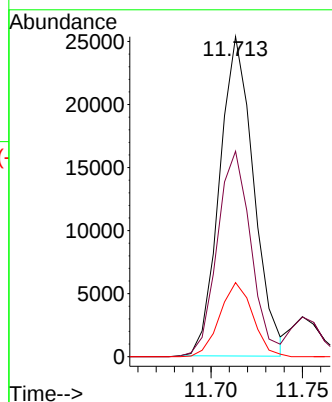
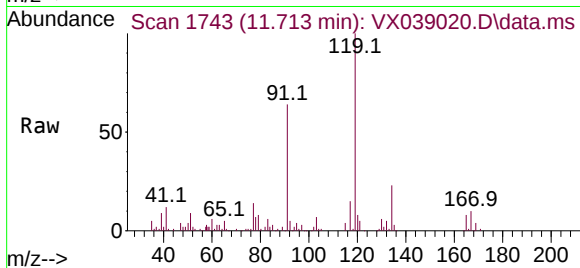
Tgt Ion:119 Resp: 32945

Ion Ratio Lower Upper

119 100

91 63.7 0.0 125.6

134 22.4 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 5.143 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039020.D

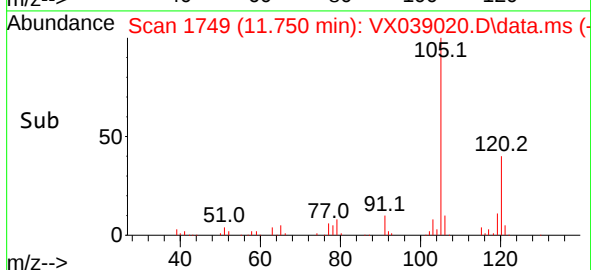
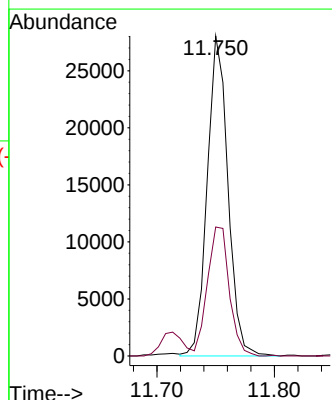
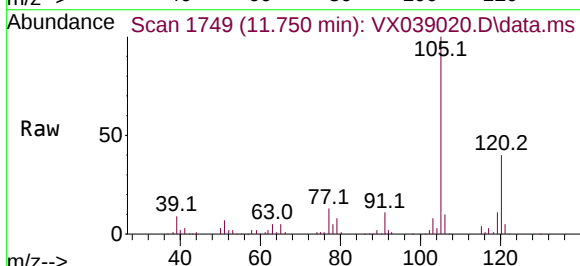
Acq: 24 Nov 2023 13:15

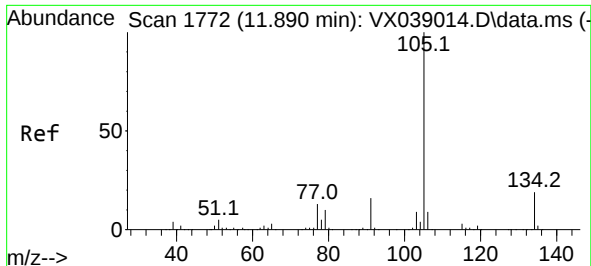
Tgt Ion:105 Resp: 34339

Ion Ratio Lower Upper

105 100

120 42.5 0.0 86.4

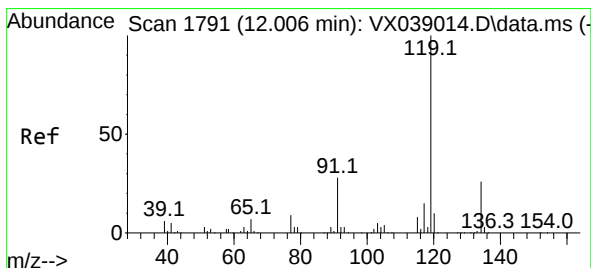
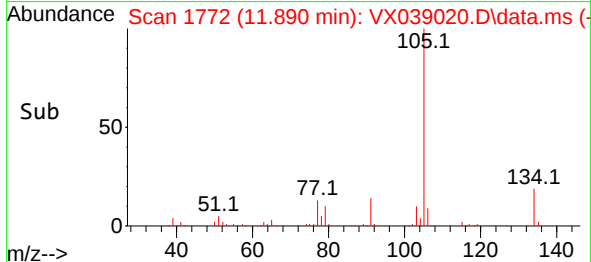
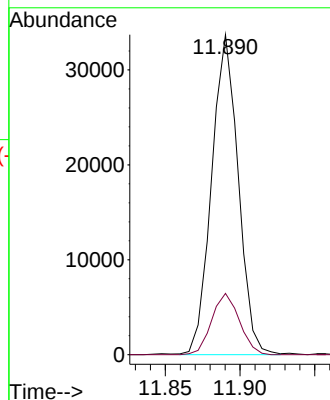
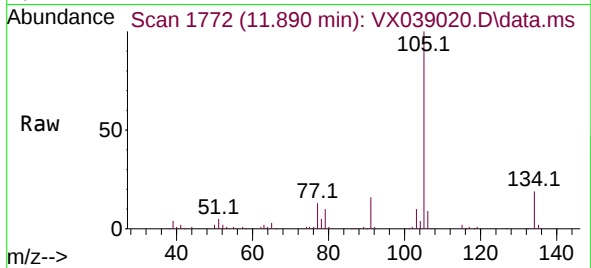




#81
sec-Butylbenzene
Concen: 5.205 ug/l
RT: 11.890 min Scan# 11772
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

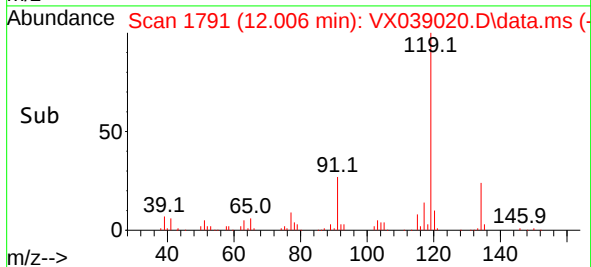
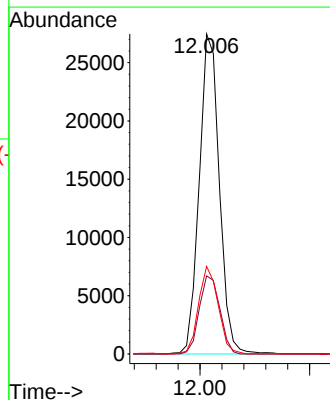
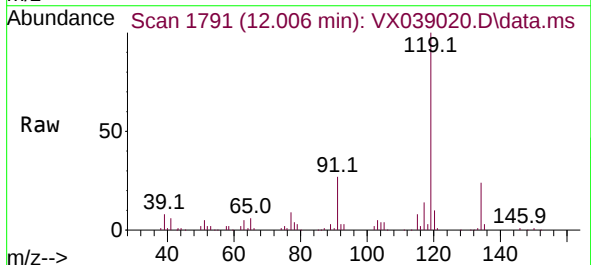
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

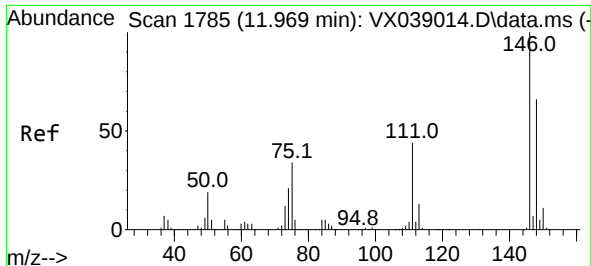
Tgt Ion:105 Resp: 41736
Ion Ratio Lower Upper
105 100
134 19.8 0.0 38.4



#82
p-Isopropyltoluene
Concen: 5.138 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion:119 Resp: 34923
Ion Ratio Lower Upper
119 100
134 24.9 0.0 52.6
91 26.7 0.0 54.2

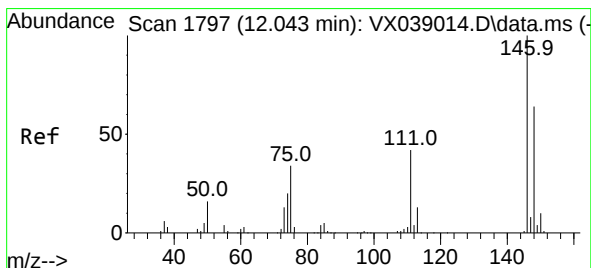
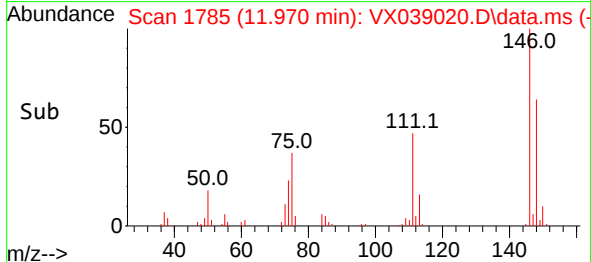
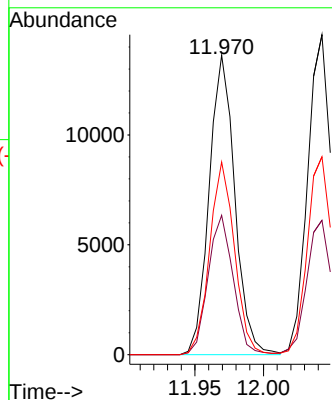
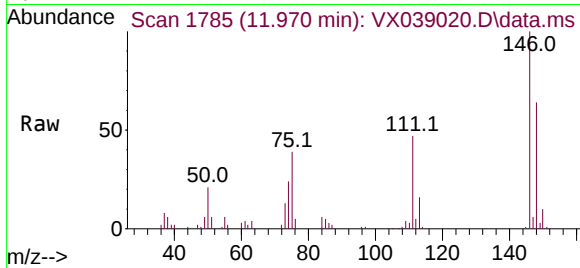




#83
1,3-Dichlorobenzene
Concen: 5.271 ug/l
RT: 11.970 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

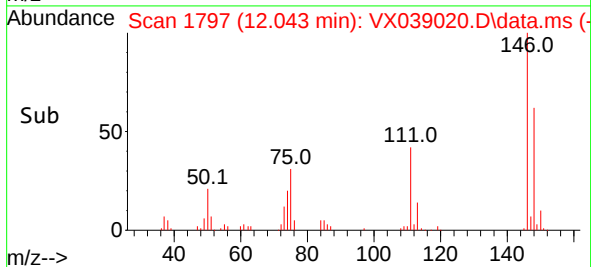
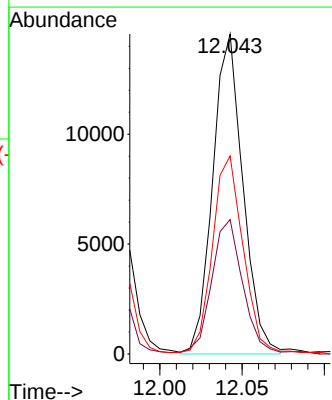
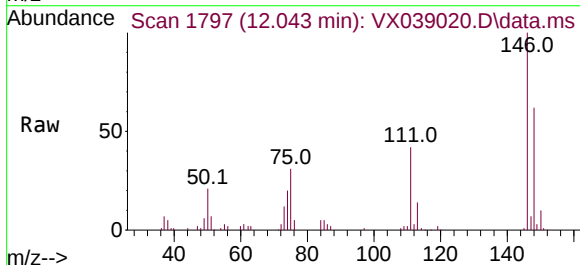
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

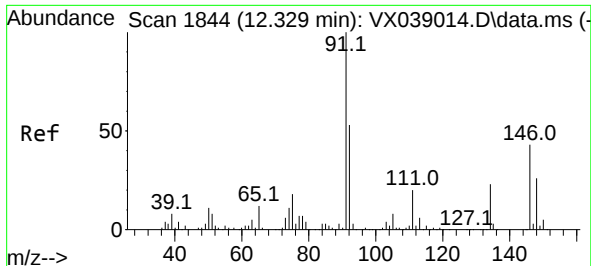
Tgt Ion:146 Resp: 17783
Ion Ratio Lower Upper
146 100
111 45.5 22.3 66.9
148 62.4 32.8 98.3



#84
1,4-Dichlorobenzene
Concen: 5.379 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion:146 Resp: 18620
Ion Ratio Lower Upper
146 100
111 43.1 21.4 64.2
148 63.0 31.8 95.4

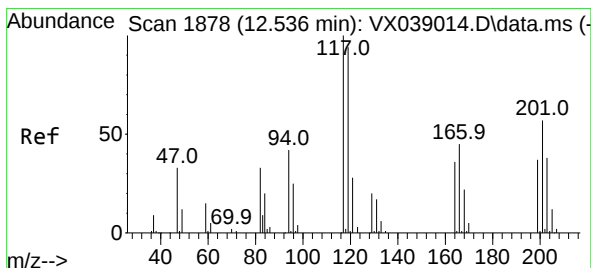
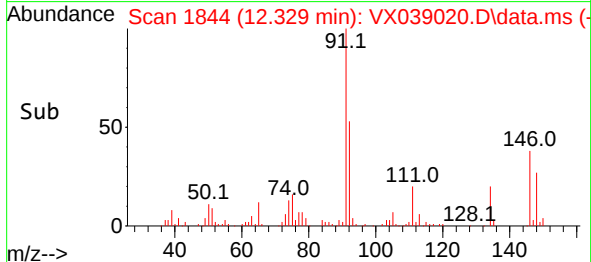
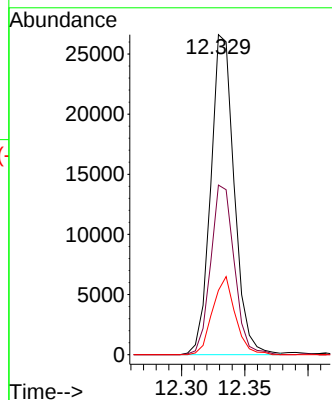
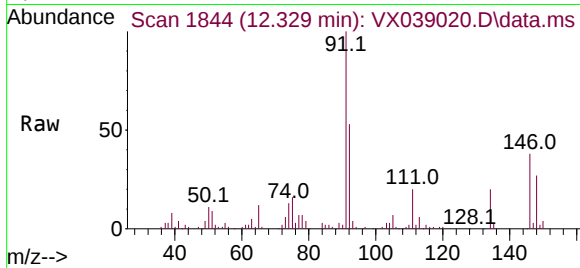




#85
n-Butylbenzene
Concen: 5.121 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

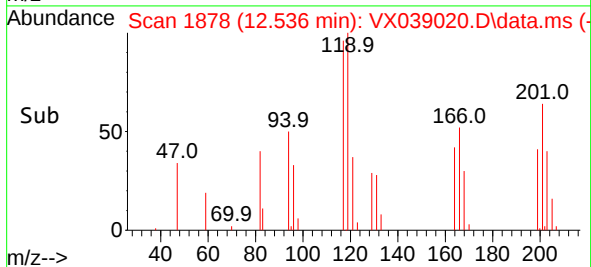
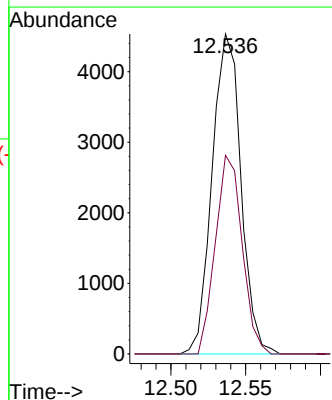
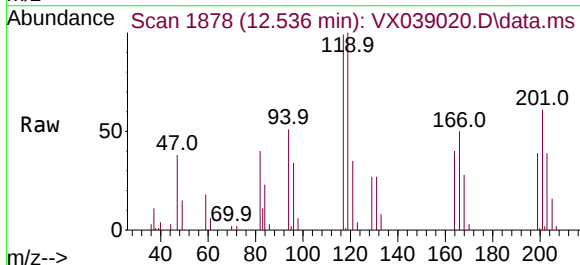
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

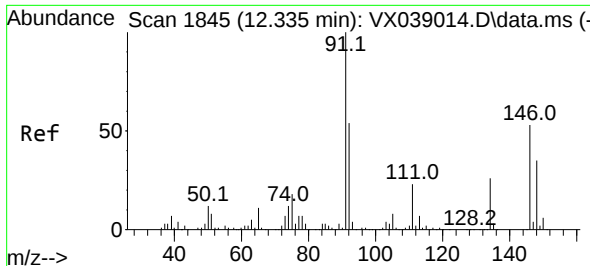
Tgt Ion: 91 Resp: 34371
Ion Ratio Lower Upper
91 100
92 53.2 0.0 106.2
134 23.5 0.0 48.8



#86
Hexachloroethane
Concen: 4.722 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 117 Resp: 6081
Ion Ratio Lower Upper
117 100
201 57.6 31.8 95.3

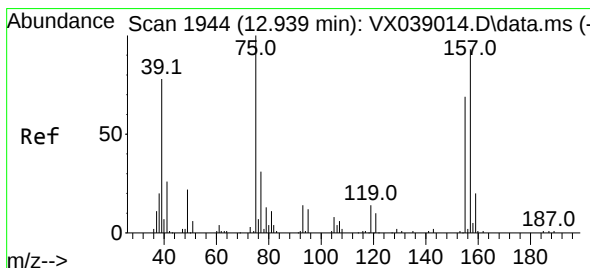
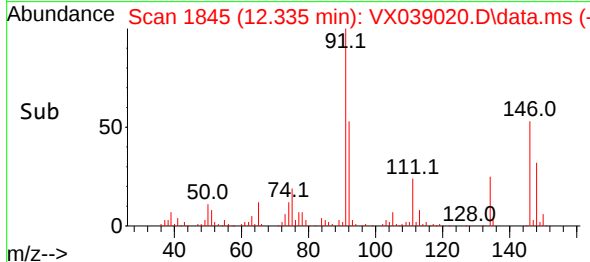
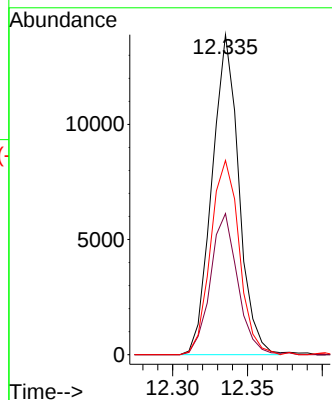
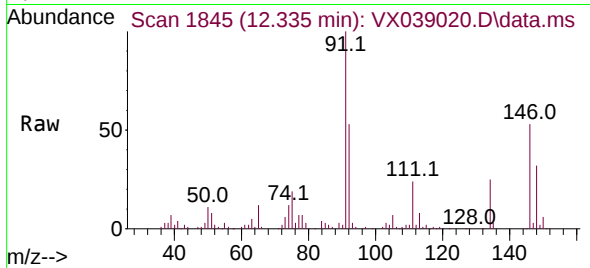




#87
1,2-Dichlorobenzene
Concen: 5.354 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

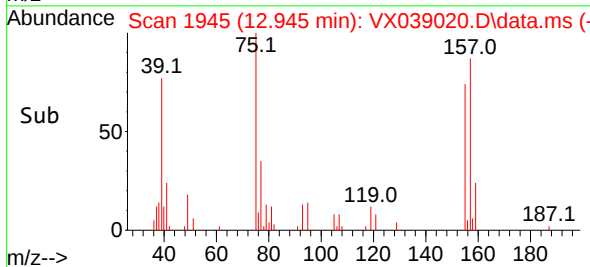
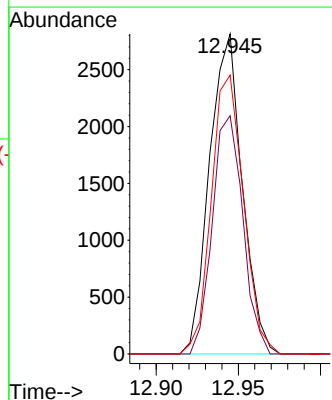
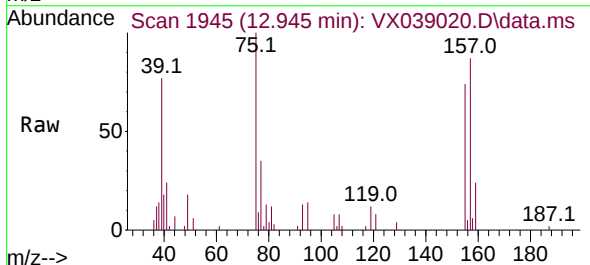
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

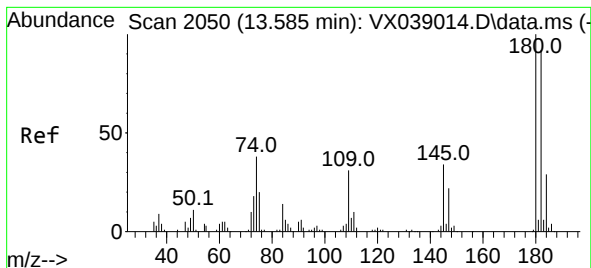
Tgt Ion:146 Resp: 17371
Ion Ratio Lower Upper
146 100
111 44.7 22.4 67.2
148 64.6 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 5.282 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039020.D
Acq: 24 Nov 2023 13:15

Tgt Ion: 75 Resp: 3905
Ion Ratio Lower Upper
75 100
155 69.3 58.2 87.4
157 85.6 76.5 114.7





#89

1,2,4-Trichlorobenzene

Concen: 5.164 ug/l

RT: 13.591 min Scan# 2050

Delta R.T. 0.006 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

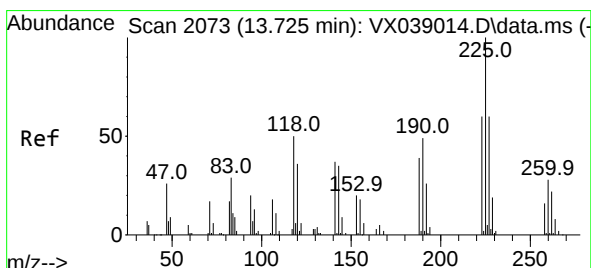
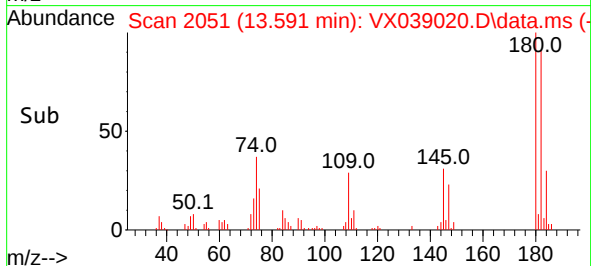
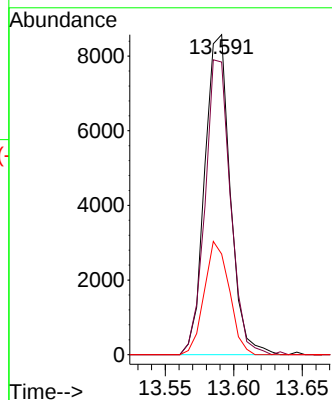
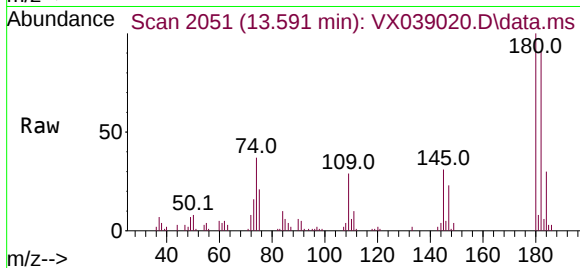
Tgt Ion:180 Resp: 11107

Ion Ratio Lower Upper

180 100

182 91.8 74.5 111.7

145 34.6 26.6 40.0



#90

Hexachlorobutadiene

Concen: 5.027 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

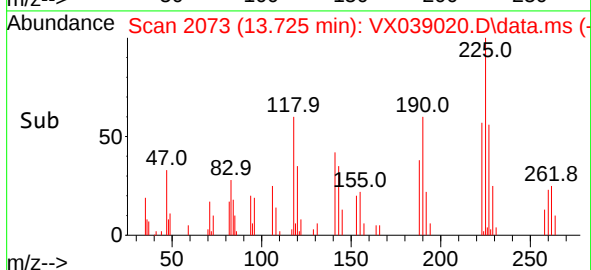
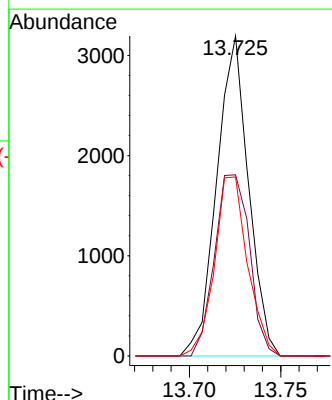
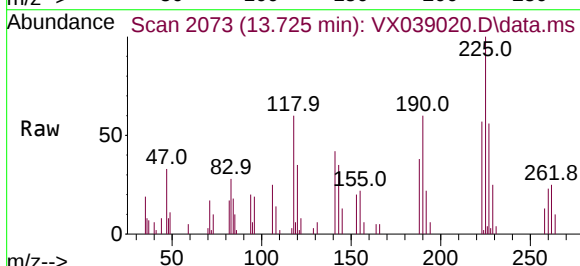
Tgt Ion:225 Resp: 3861

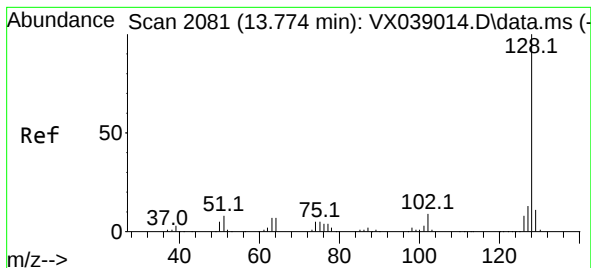
Ion Ratio Lower Upper

225 100

223 62.2 0.0 124.4

227 58.4 0.0 124.4





#91

Naphthalene

Concen: 5.405 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

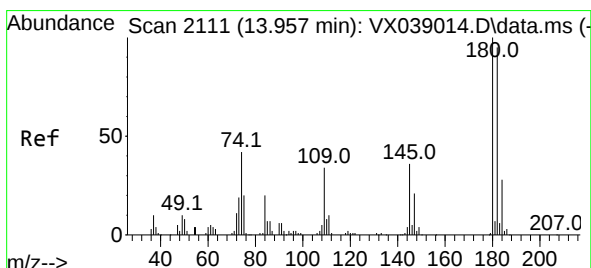
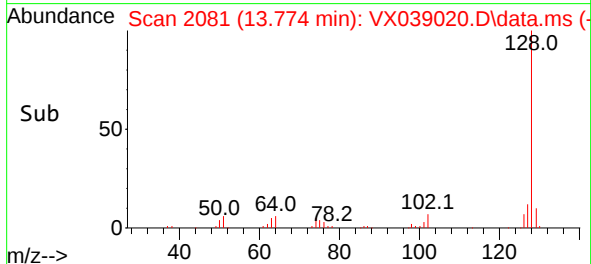
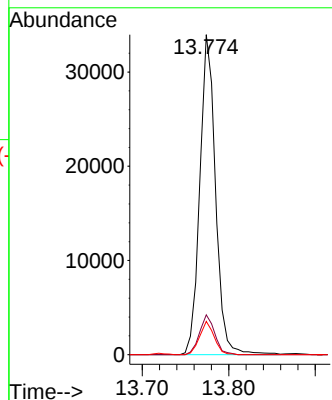
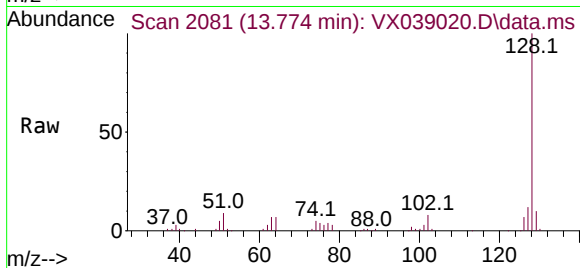
Tgt Ion:128 Resp: 42874

Ion Ratio Lower Upper

128 100

127 12.0 10.2 15.2

129 9.6 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 5.152 ug/l

RT: 13.957 min Scan# 2111

Delta R.T. 0.000 min

Lab File: VX039020.D

Acq: 24 Nov 2023 13:15

Tgt Ion:180 Resp: 10735

Ion Ratio Lower Upper

180 100

182 96.9 0.0 191.6

145 37.3 0.0 69.6

