

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX112423\
 Data File : VX039013.D
 Acq On : 24 Nov 2023 09:22
 Operator : JC/MD
 Sample : VSTDICC005
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC005

Quant Time: Nov 27 03:05:44 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	4.891	128	10750	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	6.757	114	86852	30.000	ug/l	0.00
57) Chlorobenzene-d5	10.049	117	107819	30.000	ug/l	0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	5.952	65	46060	31.319	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	= 104.400%	
60) 4-Bromofluorobenzene	11.079	95	68271	28.990	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	= 96.633%	
63) Toluene-d8	8.647	98	128478	30.139	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	= 100.467%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	8918	5.543	ug/l	97
3) Chloromethane	1.294	50	10280	5.580	ug/l	98
4) Vinyl Chloride	1.374	62	10283	5.529	ug/l	100
5) Bromomethane	1.605	94	6847	6.019	ug/l	97
6) Chloroethane	1.685	64	6468	5.786	ug/l	97
7) Trichlorofluoromethane	1.886	101	14718	5.733	ug/l	97
8) Diethyl Ether	2.136	74	5331	5.410	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	8405	5.794	ug/l	99
10) 1,1-Dichloroethene	2.319	96	8223	5.624	ug/l	98
11) Methyl Iodide	2.453	142	7740	4.830	ug/l	87
12) Methyl Acetate	2.697	43	22688	4.975	ug/l	99
13) Acrolein	2.233	56	12113	30.319	ug/l	99
14) Acrylonitrile	3.056	53	29706	26.632	ug/l	97
15) Acetone	2.374	58	18206	44.903	ug/l	100
16) Carbon Disulfide	2.514	76	23814	5.377	ug/l	98
17) Allyl chloride	2.666	41	15704	5.410	ug/l	92
18) Methylene Chloride	2.788	84	10143	5.852	ug/l	95
19) trans-1,2-Dichloroethene	3.087	96	9311	5.630	ug/l	89
20) Diisopropyl ether	3.751	45	29377	5.318	ug/l #	82
21) 1,1-Dichloroethane	3.605	63	16528	5.381	ug/l	96
22) cis-1,2-Dichloroethene	4.483	96	10243	5.344	ug/l	98
23) tert-Butyl Alcohol	2.947	59	17927	29.031	ug/l #	100
24) Methyl tert-Butyl Ether	3.111	73	27907	5.181	ug/l	94
25) Chloroform	5.086	83	16742	5.431	ug/l	88
26) Cyclohexane	5.464	56	15740	5.662	ug/l #	99
29) 1,1-Dichloropropene	5.690	75	13025	5.350	ug/l	97
30) 2-Butanone	4.550	43	67598	36.877	ug/l	100
31) 2,2-Dichloropropane	4.477	77	15283	5.490	ug/l	100
32) 1,1,1-Trichloroethane	5.379	97	14747	5.240	ug/l	98
33) Carbon Tetrachloride	5.672	117	11982	5.055	ug/l	94
34) Benzene	6.031	78	36712	5.176	ug/l	97
35) Methacrylonitrile	4.916	41	8446	5.202	ug/l	88
36) 1,2-Dichloroethane	6.086	62	13734	5.277	ug/l #	93
37) Trichloroethene	7.129	130	9215	5.119	ug/l	98
38) Methylcyclohexane	7.379	83	15857	5.227	ug/l	97
39) 1,2-Dichloropropane	7.428	63	9764	5.220	ug/l	94
40) Dibromomethane	7.580	93	6631	5.017	ug/l	98
41) Bromodichloromethane	7.818	83	12919	5.088	ug/l #	94
42) Vinyl Acetate	3.715	43	114207	26.158	ug/l	99

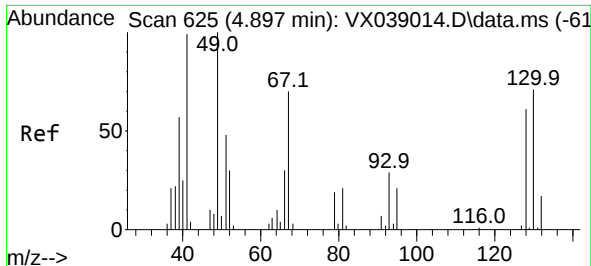
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) Ethyl Acetate	4.708	43	14579	4.623	ug/l	95
44) Isopropyl Acetate	6.336	43	24814	4.991	ug/l	100
45) 1,4-Dioxane	7.653	88	4524	89.140	ug/l #	91
46) Methyl methacrylate	7.690	41	14030	4.936	ug/l	98
47) n-amyl Acetate	10.842	43	19135	4.547	ug/l	98
48) t-1,3-Dichloropropene	8.976	75	14240	4.837	ug/l	94
49) cis-1,3-Dichloropropene	8.366	75	15243	5.019	ug/l	97
50) 1,1,2-Trichloroethane	9.153	97	9096	5.067	ug/l	95
51) Ethyl methacrylate	9.116	69	11228	4.996	ug/l	94
52) 1,3-Dichloropropane	9.305	76	15837	5.144	ug/l	97
53) Dibromochloromethane	9.519	129	9689	5.025	ug/l	95
54) 1,2-Dibromoethane	9.604	107	9871	5.014	ug/l	98
55) 2-Chloroethyl vinyl ether	8.238	63	35235	24.750	ug/l	99
56) Bromoform	10.799	173	6667	4.791	ug/l	96
58) 4-Methyl-2-Pentanone	8.568	43	85084	26.023	ug/l	100
59) 2-Hexanone	9.427	43	86038	32.058	ug/l	99
61) Tetrachloroethene	9.269	164	7767	5.541	ug/l	93
62) Toluene	8.714	91	40518	5.293	ug/l	99
64) Chlorobenzene	10.079	112	24587	5.280	ug/l	94
65) 1,1,1,2-Tetrachloroethane	10.159	131	8693	5.184	ug/l	97
66) Ethyl Benzene	10.195	91	45353	5.203	ug/l	94
67) m/p-Xylenes	10.299	106	34270	10.640	ug/l	96
68) o-Xylene	10.640	106	15802	5.065	ug/l	98
69) Styrene	10.653	104	22600	4.894	ug/l	99
70) Isopropylbenzene	10.957	105	43162	5.171	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.207	83	15649	5.022	ug/l	99
72) 1,2,3-Trichloropropane	11.238	75	18222	5.088	ug/l	93
73) Bromobenzene	11.195	156	9864	5.190	ug/l	96
74) n-propylbenzene	11.305	91	53341	5.215	ug/l	99
75) 2-Chlorotoluene	11.366	91	31098	5.183	ug/l	98
76) 1,3,5-Trimethylbenzene	11.451	105	36667	5.099	ug/l	99
77) t-1,4-Dichloro-2-butene	11.018	75	4951	4.738	ug/l	93
78) 4-Chlorotoluene	11.451	91	36162	5.126	ug/l	99
79) tert-butylbenzene	11.713	119	36055	5.273	ug/l	98
80) 1,2,4-Trimethylbenzene	11.750	105	36384	5.055	ug/l	98
81) sec-Butylbenzene	11.890	105	44689	5.170	ug/l	99
82) p-Isopropyltoluene	12.006	119	36309	4.956	ug/l	99
83) 1,3-Dichlorobenzene	11.969	146	18597	5.113	ug/l	99
84) 1,4-Dichlorobenzene	12.043	146	19303	5.172	ug/l	99
85) n-Butylbenzene	12.329	91	36015	4.978	ug/l	97
86) Hexachloroethane	12.536	117	6648	4.789	ug/l	99
87) 1,2-Dichlorobenzene	12.335	146	18312	5.236	ug/l	99
88) 1,2-Dibromo-3-Chloropr...	12.945	75	3825	4.799	ug/l	97
89) 1,2,4-Trichlorobenzene	13.585	180	11269	4.860	ug/l	92
90) Hexachlorobutadiene	13.719	225	4172	5.039	ug/l	96
91) Naphthalene	13.774	128	41183	4.816	ug/l	99
92) 1,2,3-Trichlorobenzene	13.963	180	11361	5.058	ug/l	96

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



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.891 min Scan# 61

Delta R.T. -0.006 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

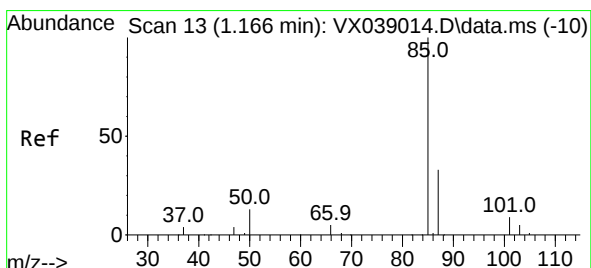
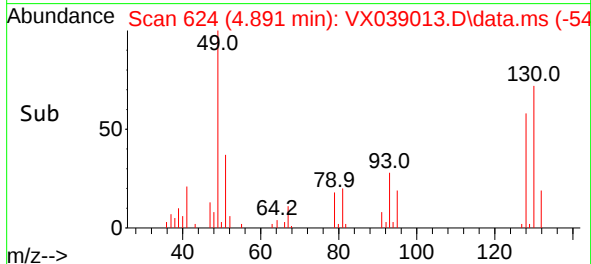
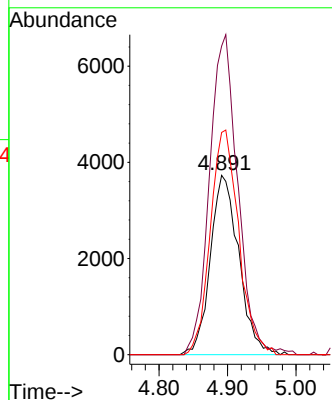
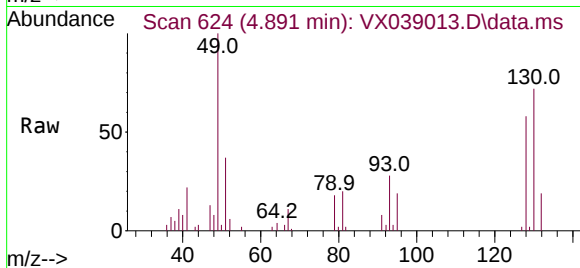
Tgt Ion:128 Resp: 10750

Ion Ratio Lower Upper

128 100

49 176.5 0.0 444.0

130 125.3 0.0 297.8



#2

Dichlorodifluoromethane

Concen: 5.543 ug/l

RT: 1.166 min Scan# 13

Delta R.T. 0.000 min

Lab File: VX039013.D

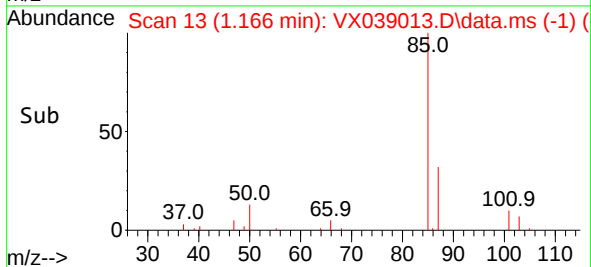
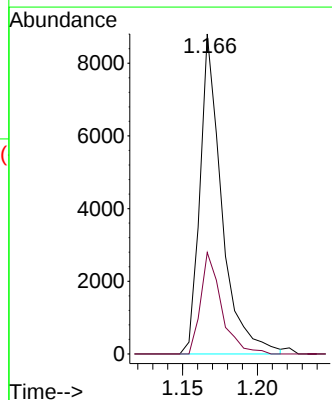
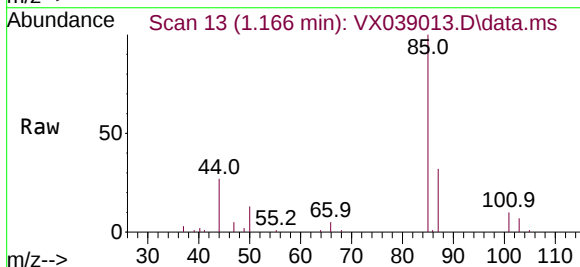
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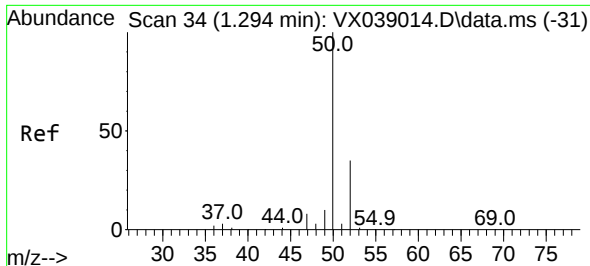
Tgt Ion: 85 Resp: 8918

Ion Ratio Lower Upper

85 100

87 31.7 16.7 50.1

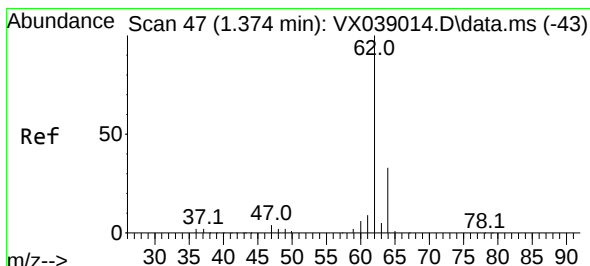
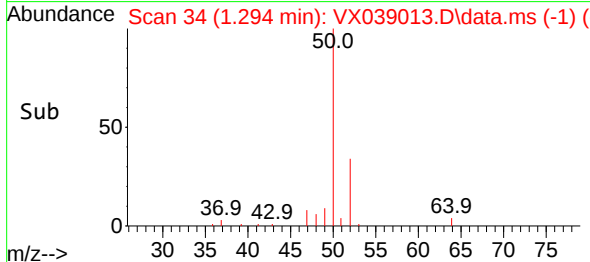
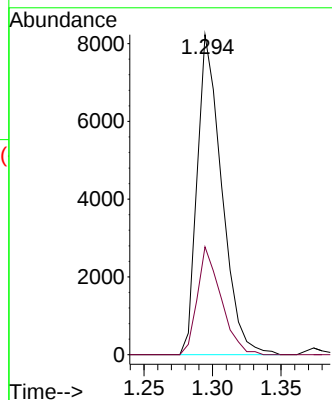
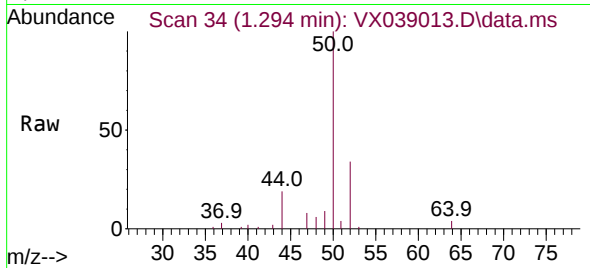




#3
Chloromethane
Concen: 5.580 ug/l
RT: 1.294 min Scan# 34
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

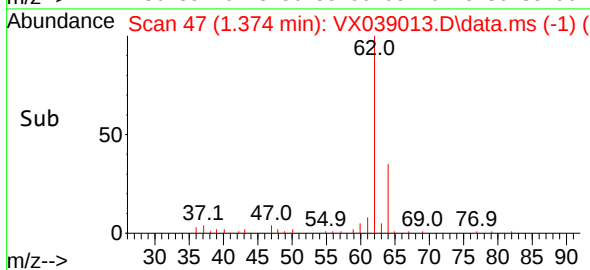
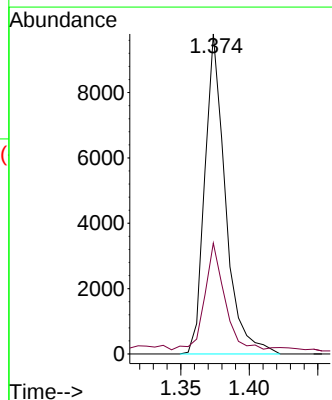
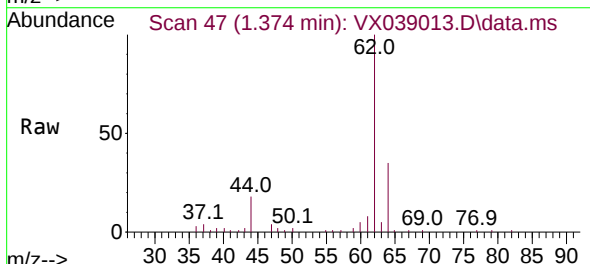
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

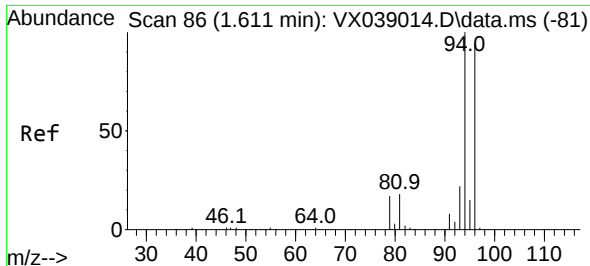
Tgt Ion: 50 Resp: 10280
Ion Ratio Lower Upper
50 100
52 33.7 27.8 41.8



#4
Vinyl Chloride
Concen: 5.529 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 62 Resp: 10283
Ion Ratio Lower Upper
62 100
64 32.7 26.3 39.5

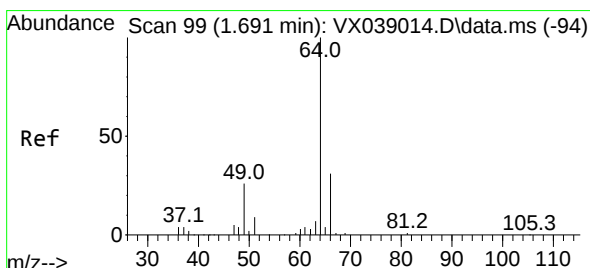
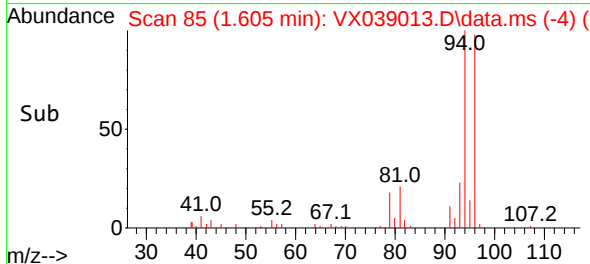
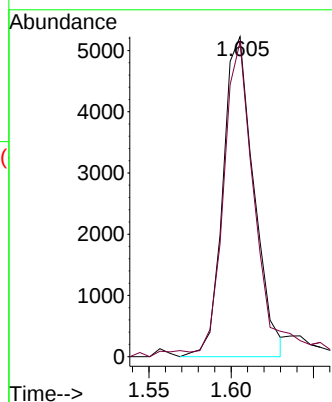
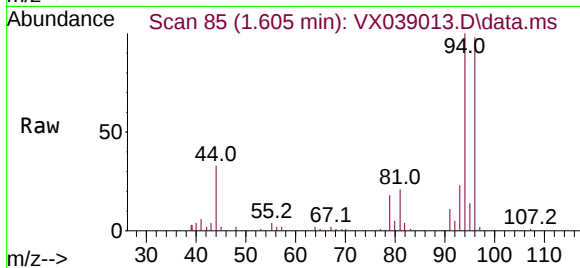




#5
Bromomethane
Concen: 6.019 ug/l
RT: 1.605 min Scan# 81
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

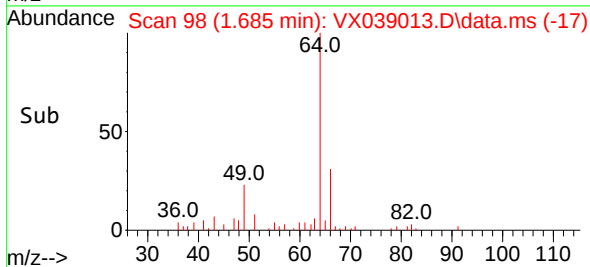
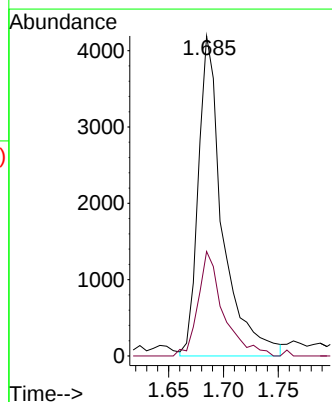
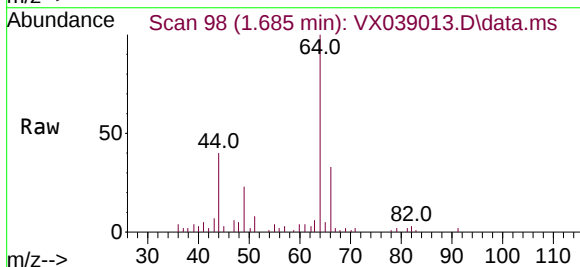
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

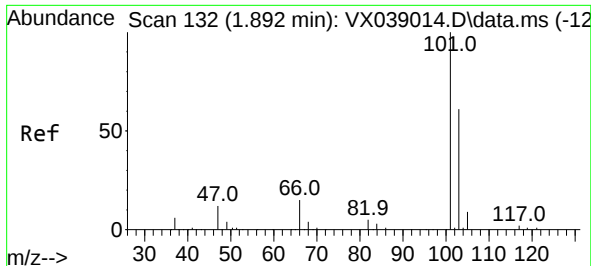
Tgt Ion: 94 Resp: 6847
Ion Ratio Lower Upper
94 100
96 96.4 74.9 112.3



#6
Chloroethane
Concen: 5.786 ug/l
RT: 1.685 min Scan# 98
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 64 Resp: 6468
Ion Ratio Lower Upper
64 100
66 33.0 25.0 37.6

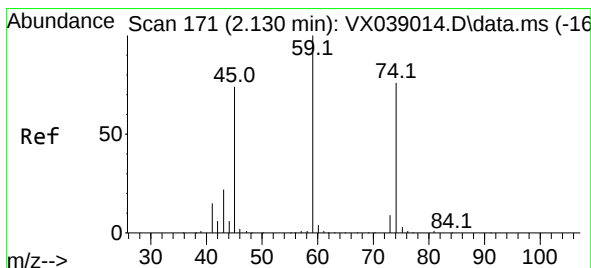
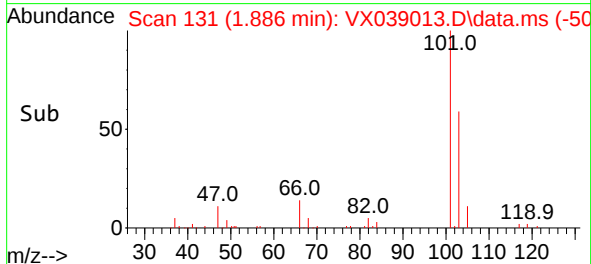
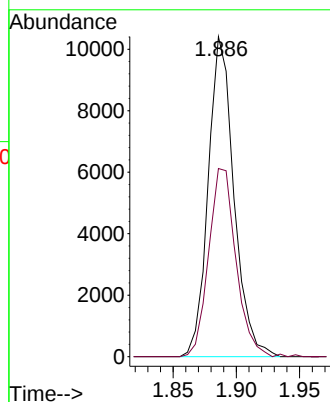
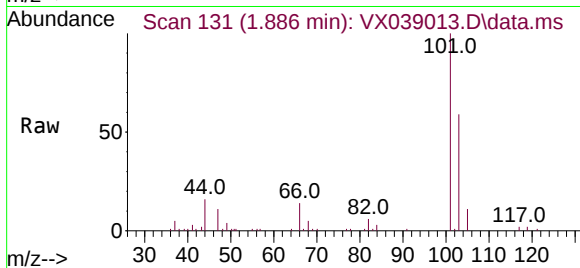




#7
Trichlorofluoromethane
Concen: 5.733 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

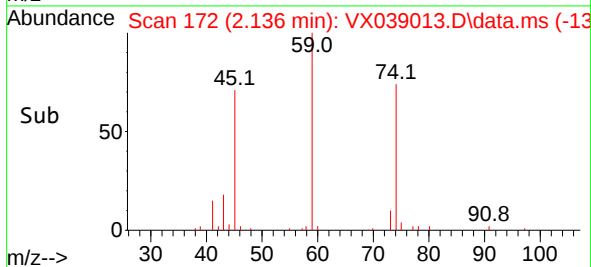
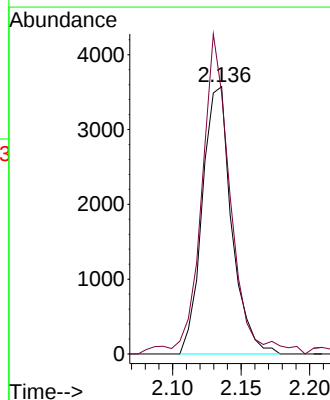
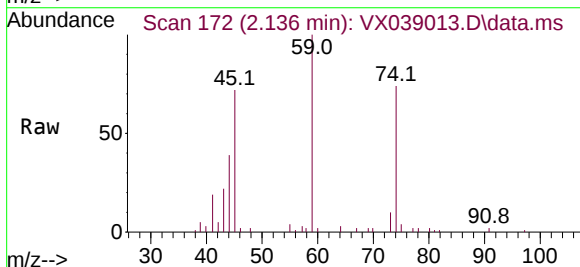
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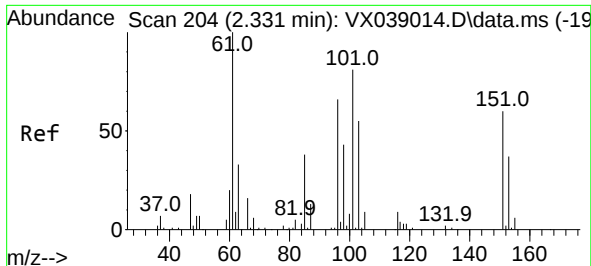
Tgt Ion:101 Resp: 14718
Ion Ratio Lower Upper
101 100
103 58.8 49.1 73.7



#8
Diethyl Ether
Concen: 5.410 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 74 Resp: 5331
Ion Ratio Lower Upper
74 100
45 111.8 20.5 184.5

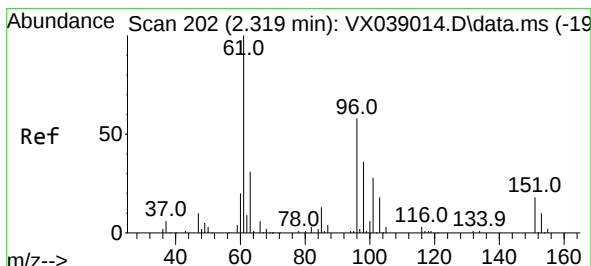
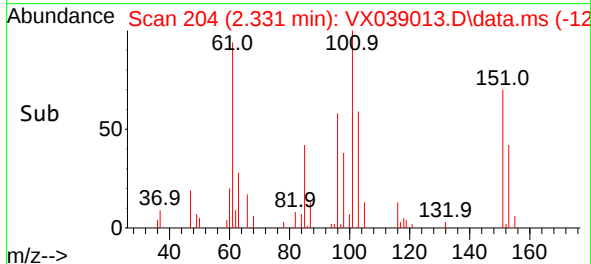
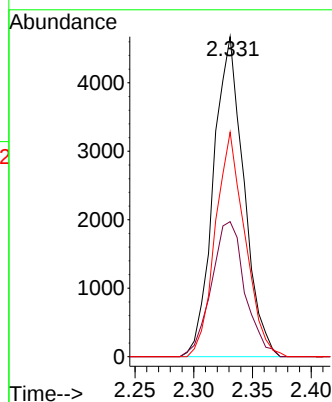
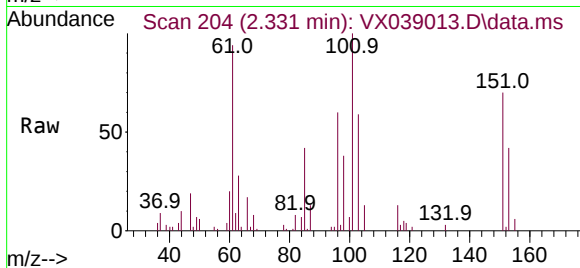




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.794 ug/l
 RT: 2.331 min Scan# 204
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

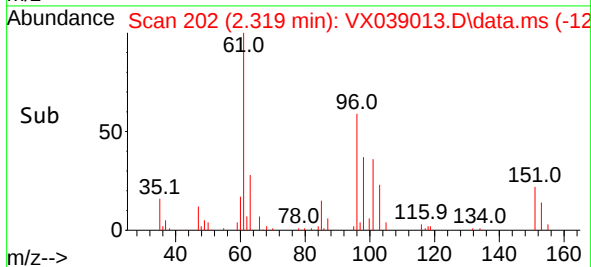
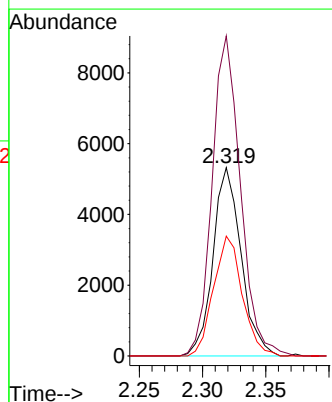
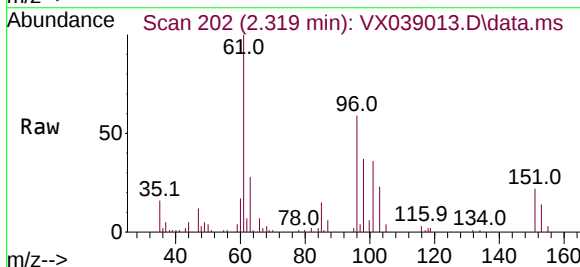
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

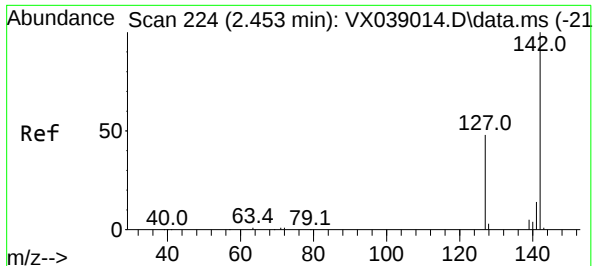
Tgt Ion:101	Resp:	8405
Ion	Ratio	Lower Upper
101	100	
85	46.6	0.0 95.2
151	68.6	0.0 136.8



#10
 1,1-Dichloroethene
 Concen: 5.624 ug/l
 RT: 2.319 min Scan# 202
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

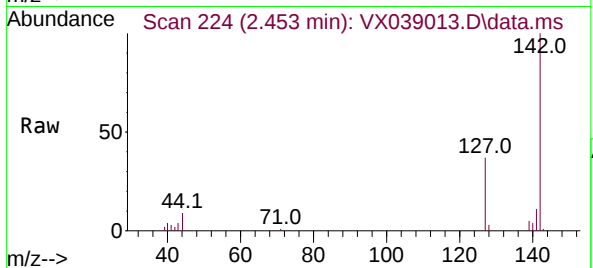
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Ion	Ratio	Lower Upper
96	100	
61	169.9	138.3 207.5
98	63.7	49.8 74.6



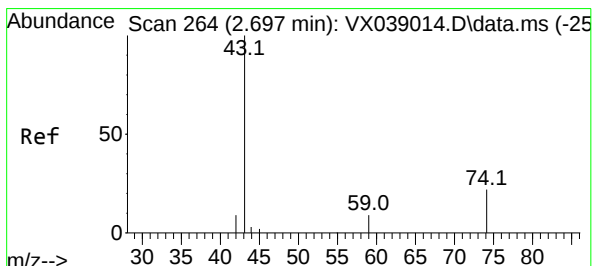
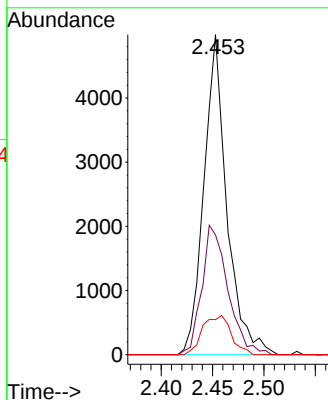
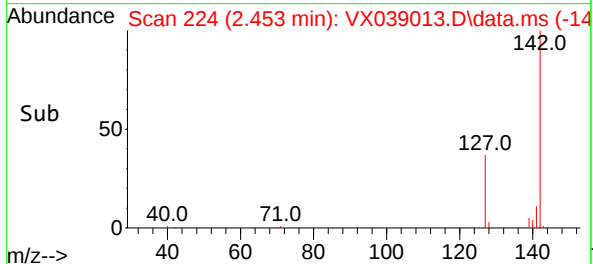


#11
Methyl Iodide
Concen: 4.830 ug/l
RT: 2.453 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

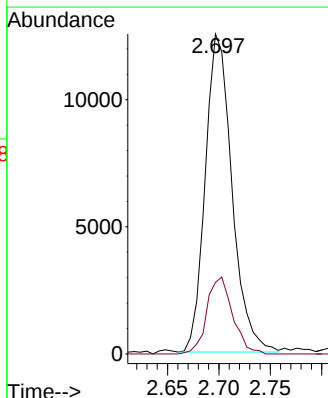
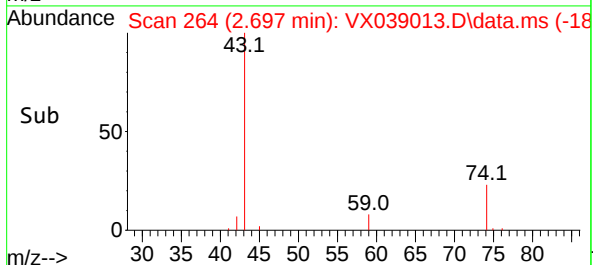
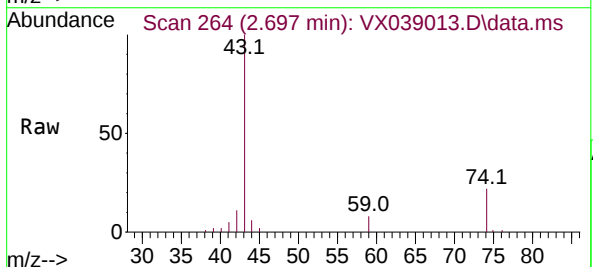


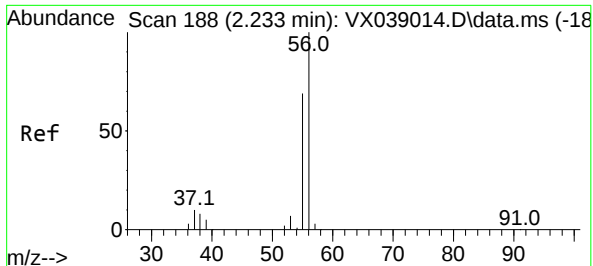
Tgt Ion:142 Resp: 7740
Ion Ratio Lower Upper
142 100
127 37.4 23.8 71.4
141 11.0 6.9 20.6



#12
Methyl Acetate
Concen: 4.975 ug/l
RT: 2.697 min Scan# 264
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 43 Resp: 22688
Ion Ratio Lower Upper
43 100
74 22.5 17.8 26.6

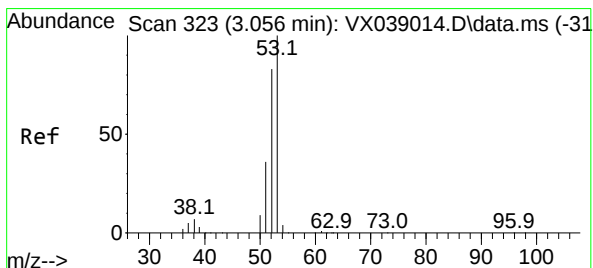
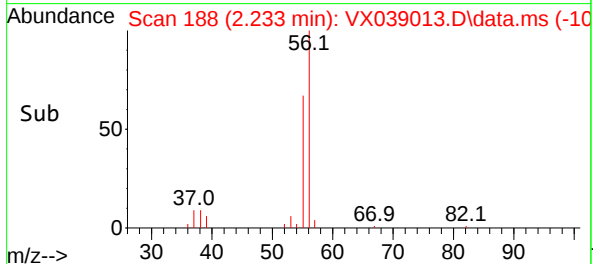
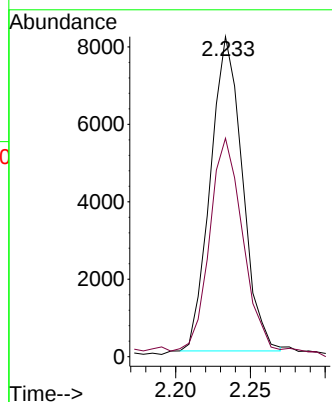
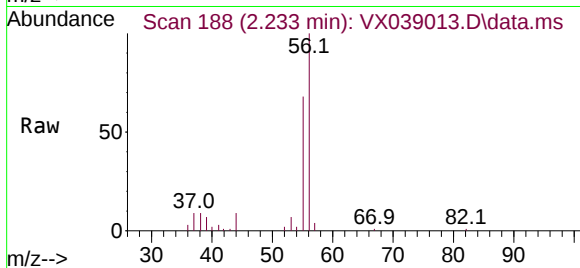




#13
Acrolein
Concen: 30.319 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

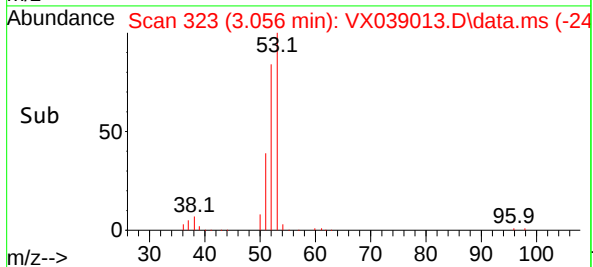
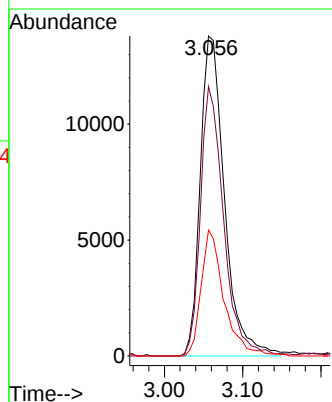
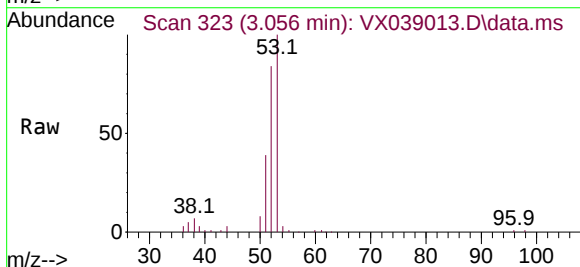
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

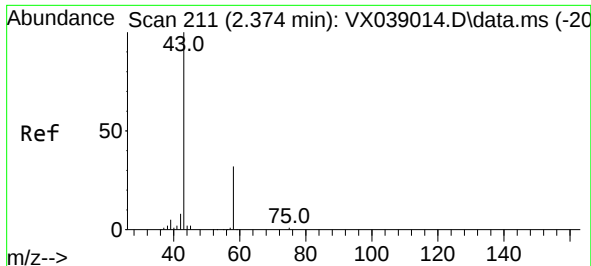
Tgt Ion: 56 Resp: 12113
Ion Ratio Lower Upper
56 100
55 70.8 57.2 85.8



#14
Acrylonitrile
Concen: 26.632 ug/l
RT: 3.056 min Scan# 323
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 53 Resp: 29706
Ion Ratio Lower Upper
53 100
52 80.4 41.9 125.6
51 36.8 18.3 54.9

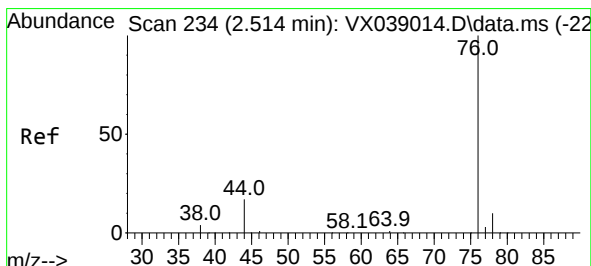
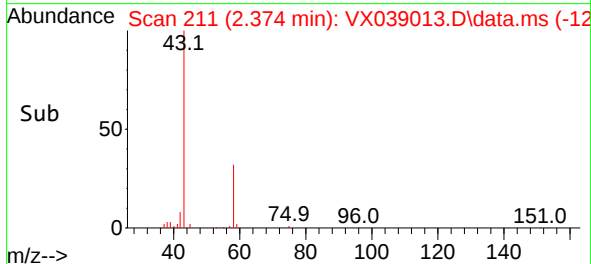
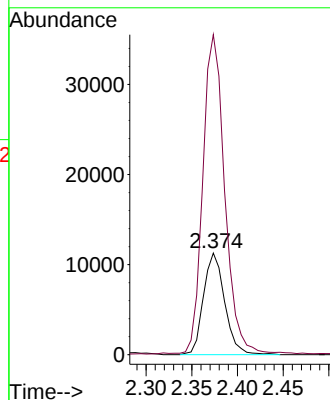
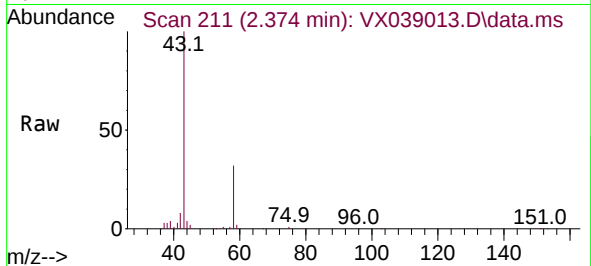




#15
Acetone
Concen: 44.903 ug/l
RT: 2.374 min Scan# 211
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

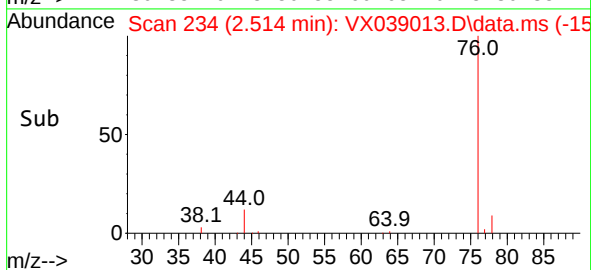
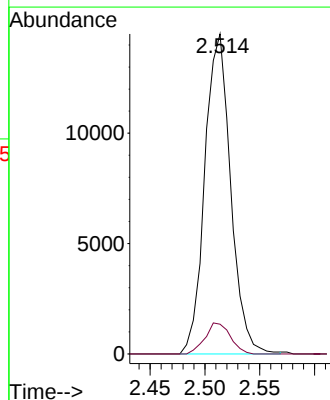
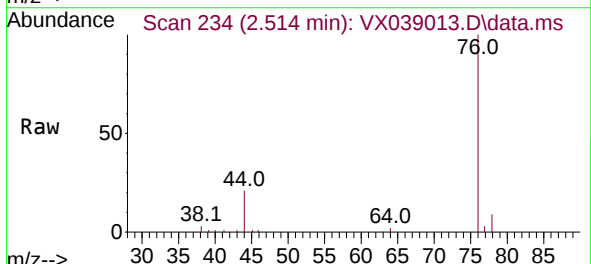
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

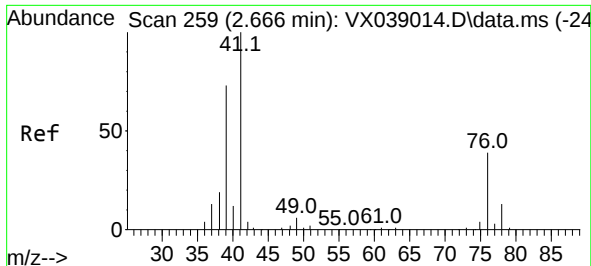
Tgt Ion: 58 Resp: 18206
Ion Ratio Lower Upper
58 100
43 313.3 249.9 374.9



#16
Carbon Disulfide
Concen: 5.377 ug/l
RT: 2.514 min Scan# 234
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 76 Resp: 23814
Ion Ratio Lower Upper
76 100
78 9.3 8.0 12.0

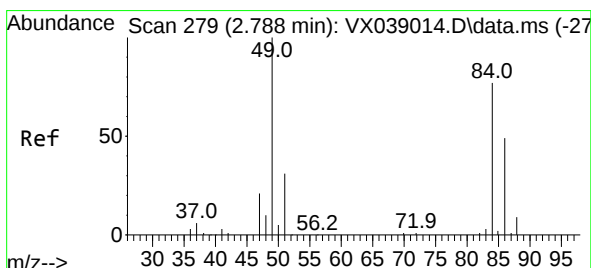
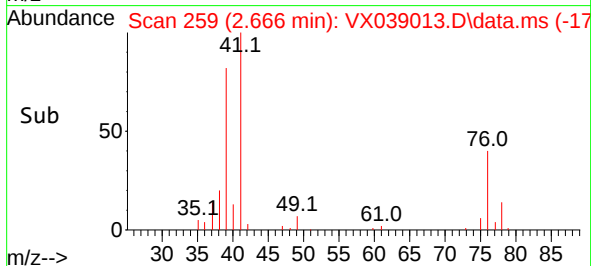
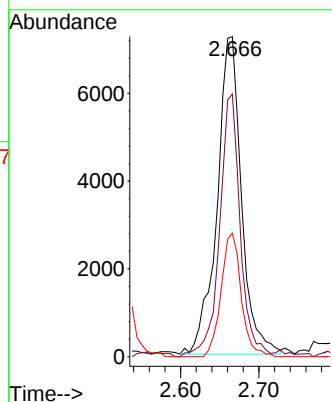
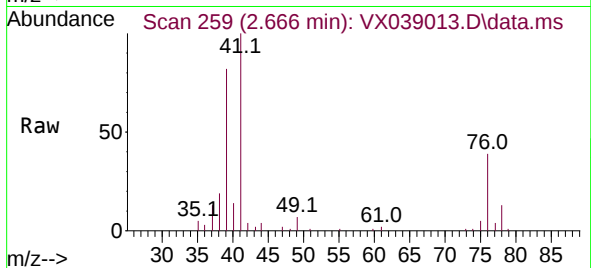




#17
 Allyl chloride
 Concen: 5.410 ug/l
 RT: 2.666 min Scan# 259
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

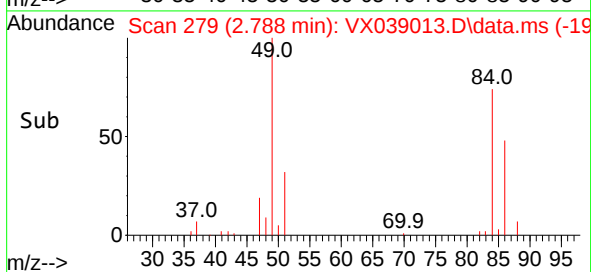
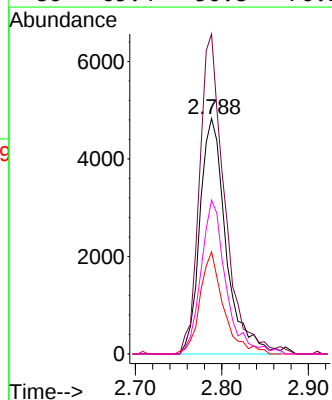
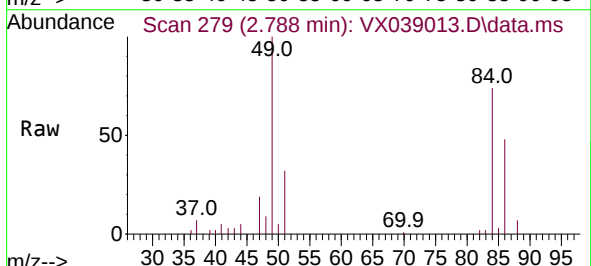
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

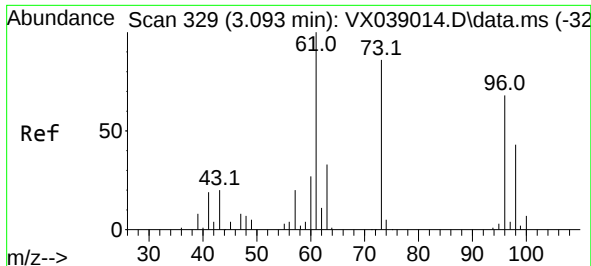
Tgt Ion:	41	Resp:	15704
Ion	Ratio	Lower	Upper
41	100		
39	82.7	36.5	109.5
76	38.9	19.7	59.0



#18
 Methylene Chloride
 Concen: 5.852 ug/l
 RT: 2.788 min Scan# 279
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

Tgt Ion:	84	Resp:	10143
Ion	Ratio	Lower	Upper
84	100		
49	135.9	103.8	155.8
51	43.4	31.8	47.6
86	65.4	50.8	76.2

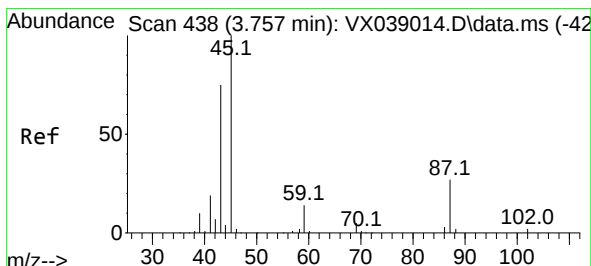
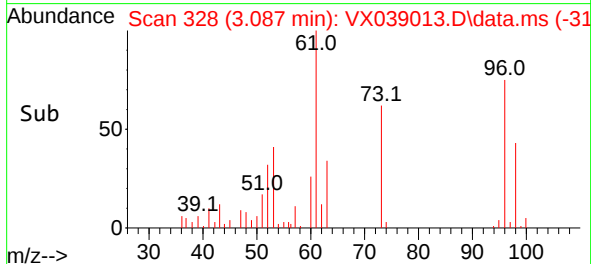
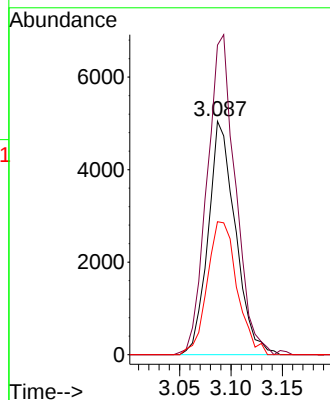
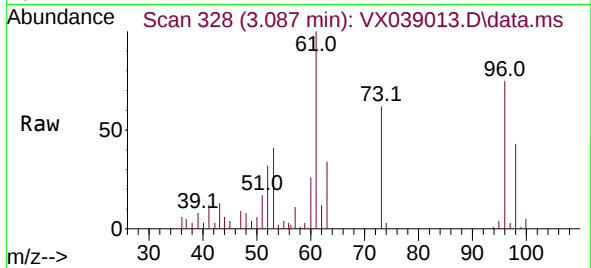




#19
trans-1,2-Dichloroethene
Concen: 5.630 ug/l
RT: 3.087 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

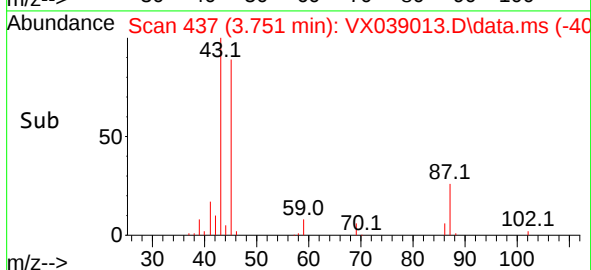
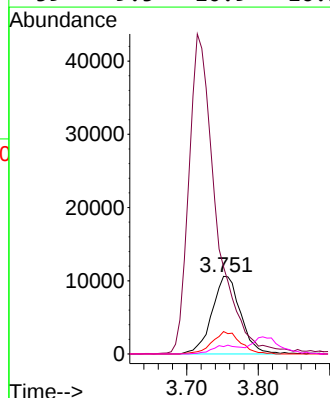
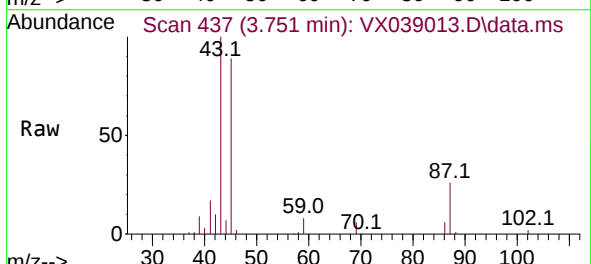
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

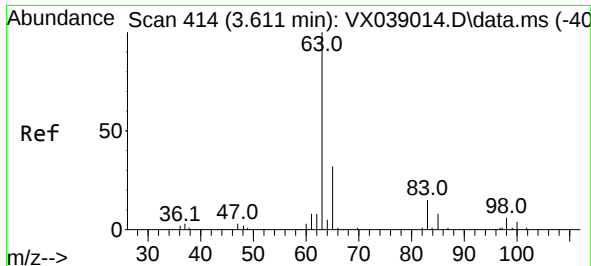
Tgt Ion: 96 Resp: 9311
Ion Ratio Lower Upper
96 100
61 131.6 117.9 176.9
98 57.0 51.0 76.6



#20
Diisopropyl ether
Concen: 5.318 ug/l
RT: 3.751 min Scan# 437
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 45 Resp: 29377
Ion Ratio Lower Upper
45 100
43 106.0 67.7 101.5#
87 28.8 21.5 32.3
59 9.5 10.9 16.3#





#21

1,1-Dichloroethane

Concen: 5.381 ug/l

RT: 3.605 min Scan# 41

Delta R.T. -0.006 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

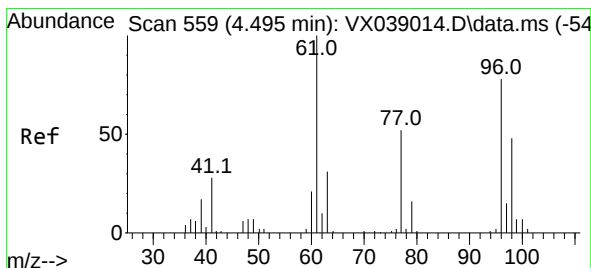
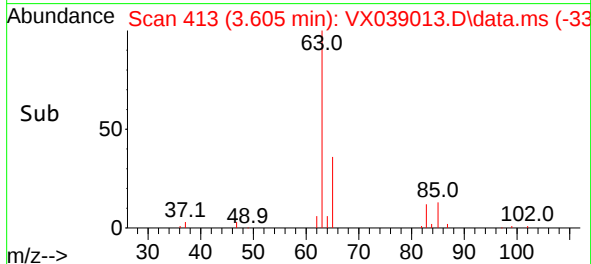
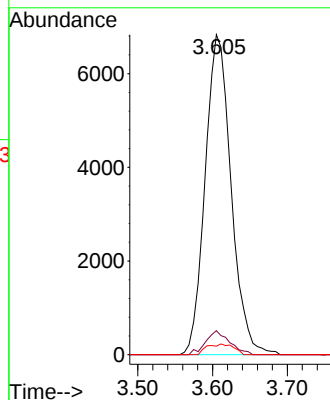
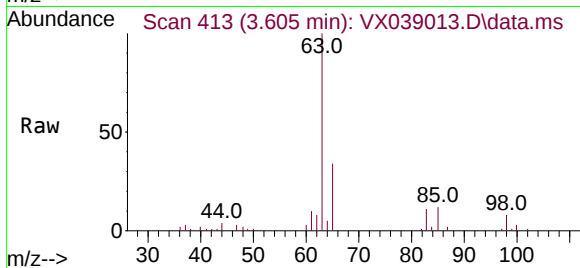
Tgt Ion: 63 Resp: 16528

Ion Ratio Lower Upper

63 100

98 7.5 2.9 8.8

100 2.6 2.0 5.8



#22

cis-1,2-Dichloroethene

Concen: 5.344 ug/l

RT: 4.483 min Scan# 557

Delta R.T. -0.012 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

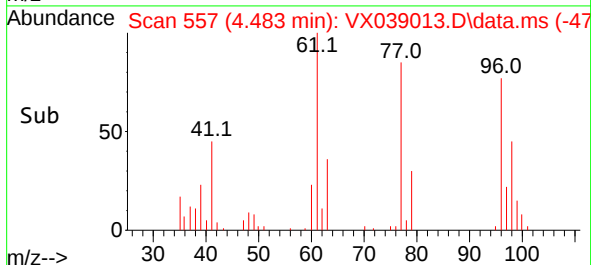
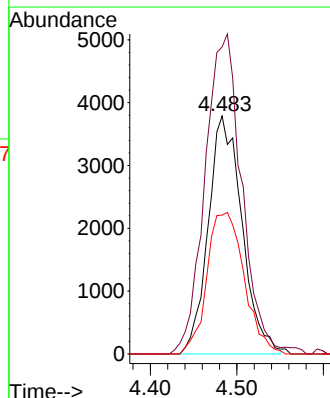
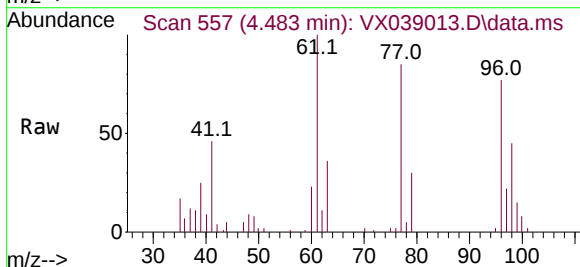
Tgt Ion: 96 Resp: 10243

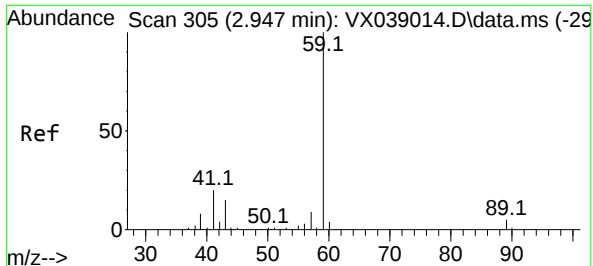
Ion Ratio Lower Upper

96 100

61 146.5 119.8 179.6

98 65.5 50.9 76.3

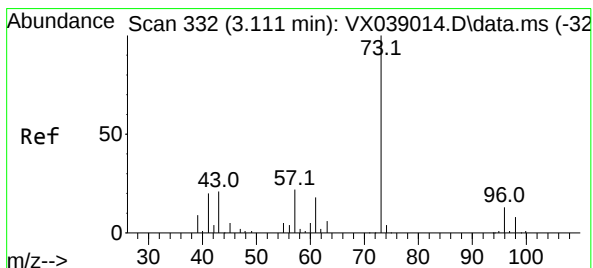
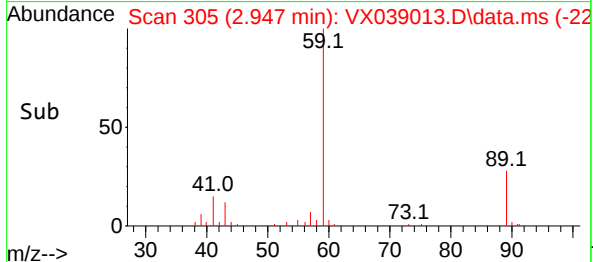
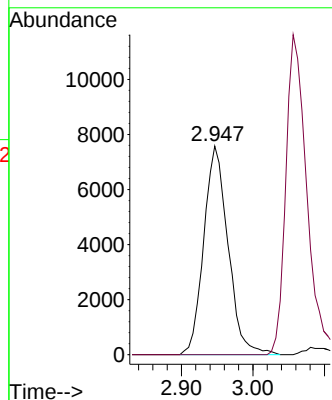
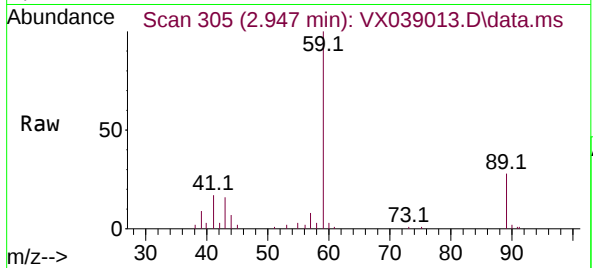




#23
tert-Butyl Alcohol
Concen: 29.031 ug/l
RT: 2.947 min Scan# 305
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

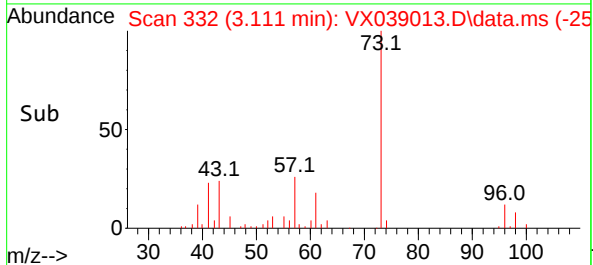
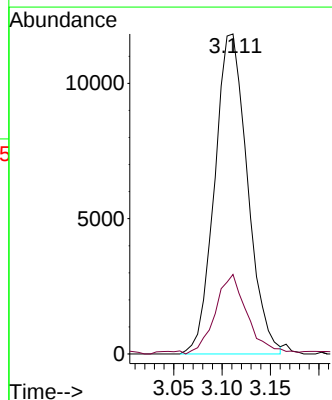
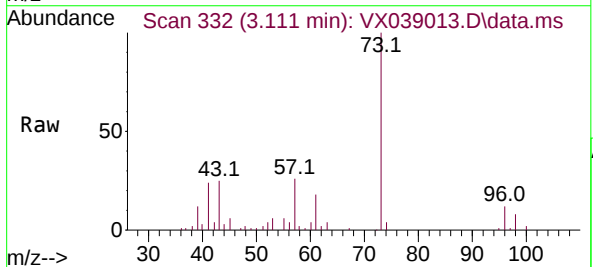
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

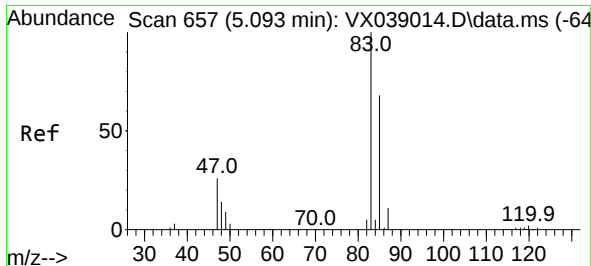
Tgt Ion: 59 Resp: 17927
Ion Ratio Lower Upper
59 100
52 0.0 0.0 0.0



#24
Methyl tert-Butyl Ether
Concen: 5.181 ug/l
RT: 3.111 min Scan# 332
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 73 Resp: 27907
Ion Ratio Lower Upper
73 100
43 24.3 17.0 25.6

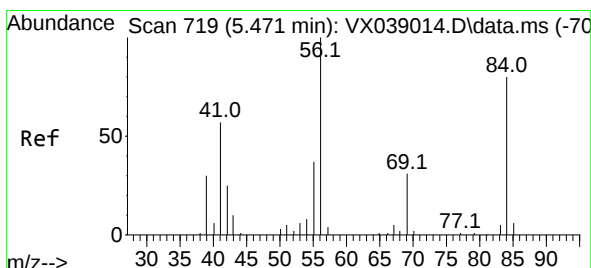
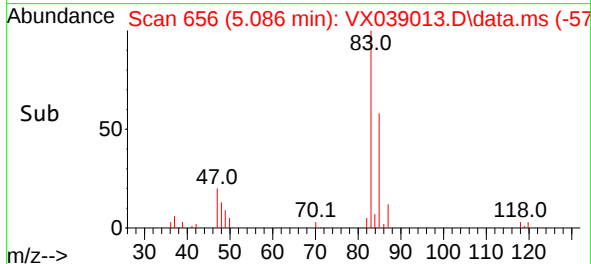
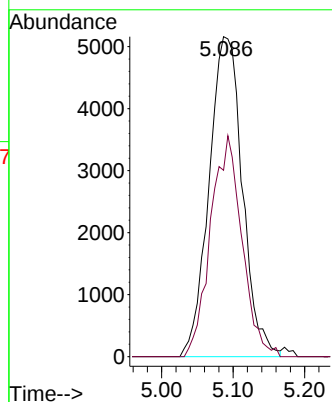
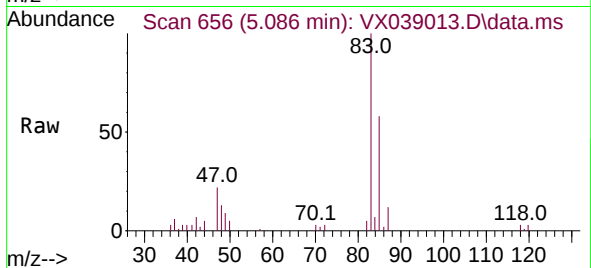




#25
Chloroform
Concen: 5.431 ug/l
RT: 5.086 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

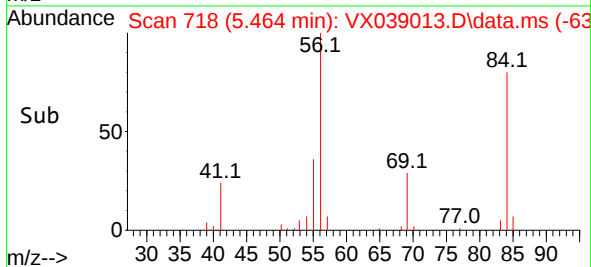
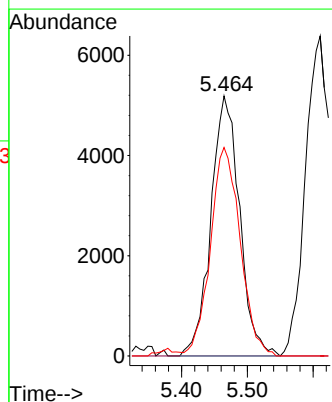
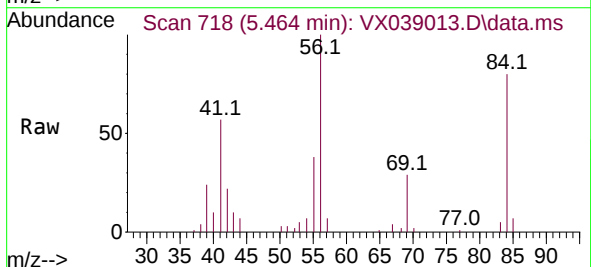
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

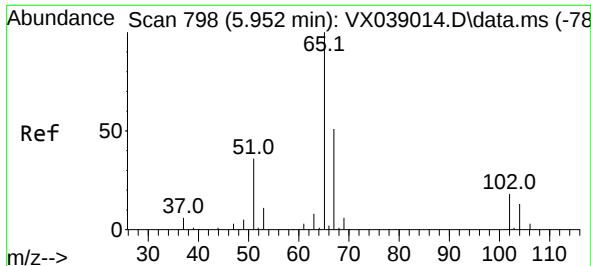
Tgt Ion: 83 Resp: 16742
Ion Ratio Lower Upper
83 100
85 58.3 54.6 81.8



#26
Cyclohexane
Concen: 5.662 ug/l
RT: 5.464 min Scan# 718
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 56 Resp: 15740
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 83.3 67.2 100.8

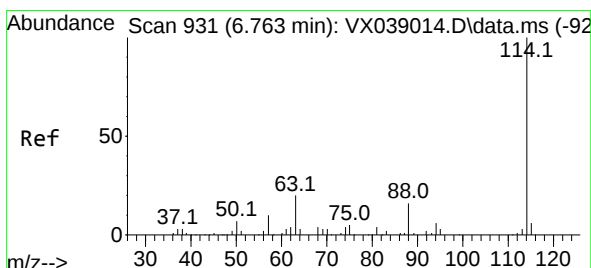
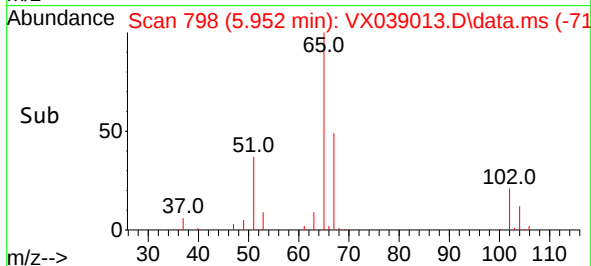
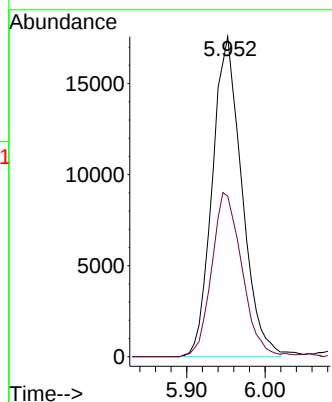
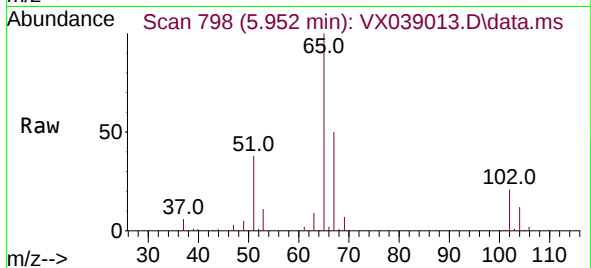




#27
 1,2-Dichloroethane-d4
 Concen: 31.319 ug/l
 RT: 5.952 min Scan# 798
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

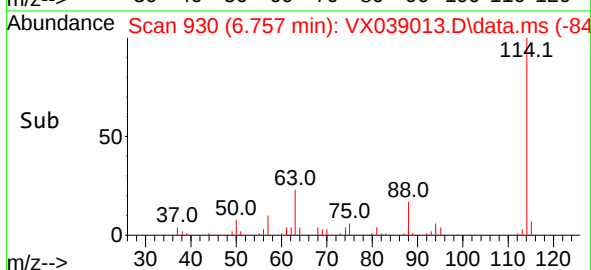
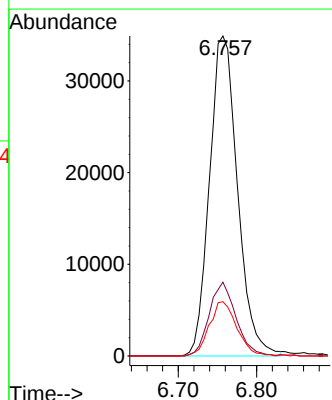
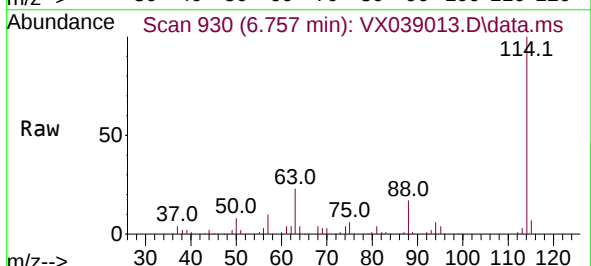
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

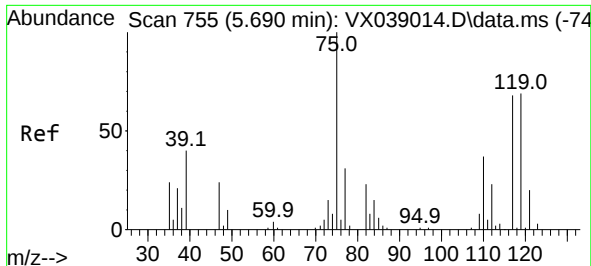
Tgt Ion: 65 Resp: 46060
 Ion Ratio Lower Upper
 65 100
 67 52.3 42.5 63.7



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.757 min Scan# 930
 Delta R.T. -0.006 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

Tgt Ion: 114 Resp: 86852
 Ion Ratio Lower Upper
 114 100
 63 22.0 17.0 25.4
 88 16.6 12.7 19.1

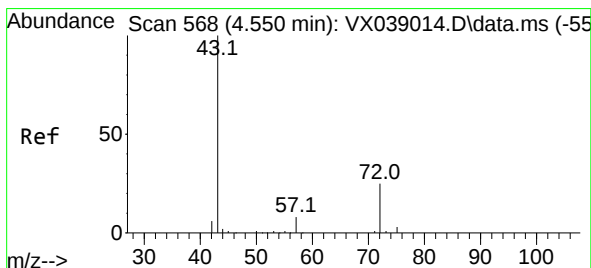
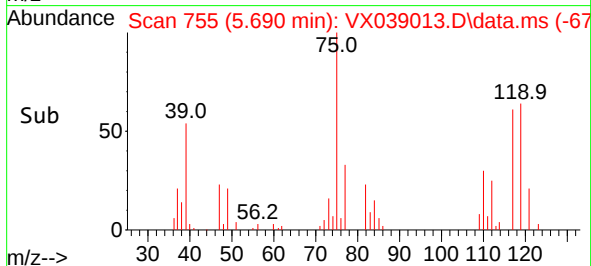
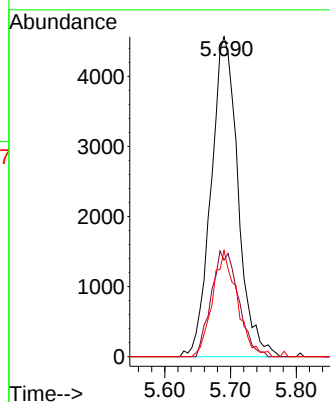
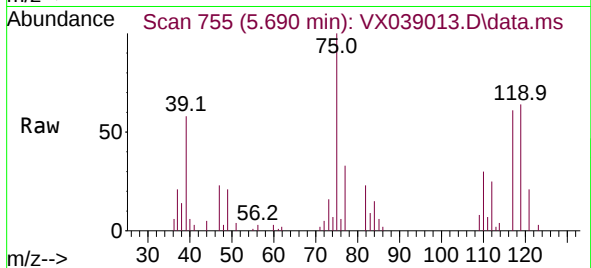




#29
1,1-Dichloropropene
Concen: 5.350 ug/l
RT: 5.690 min Scan# 755
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

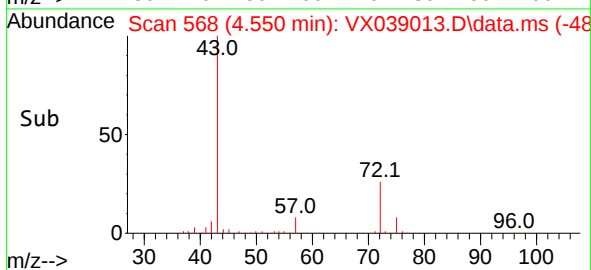
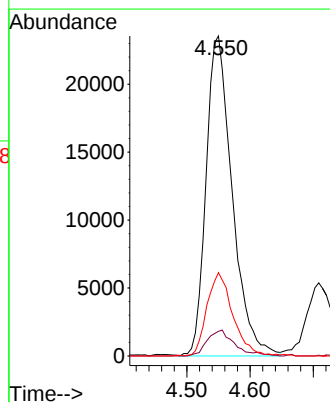
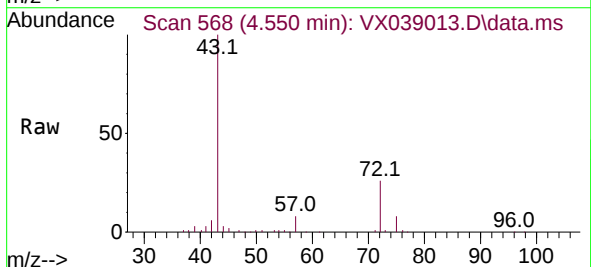
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

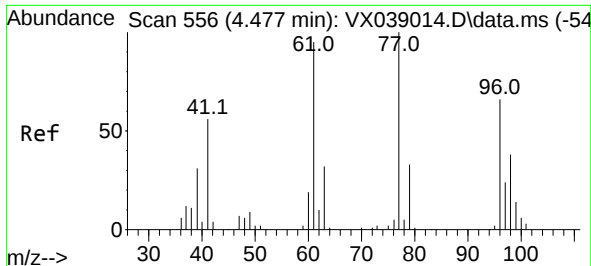
Tgt Ion: 75	Resp:	13025
Ion Ratio	Lower	Upper
75	100	
110	33.4	0.0 71.2
77	30.2	0.0 62.6



#30
2-Butanone
Concen: 36.877 ug/l
RT: 4.550 min Scan# 568
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 43	Resp:	67598
Ion Ratio	Lower	Upper
43	100	
57	8.0	6.6 10.0
72	25.8	20.6 31.0





#31

2,2-Dichloropropane

Concen: 5.490 ug/l

RT: 4.477 min Scan# 51

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

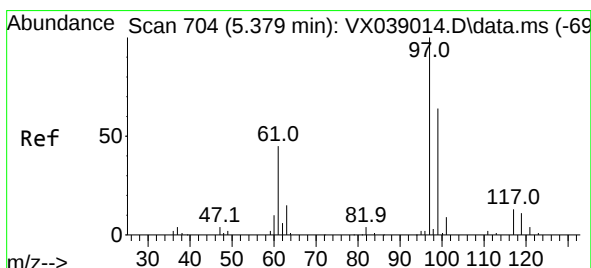
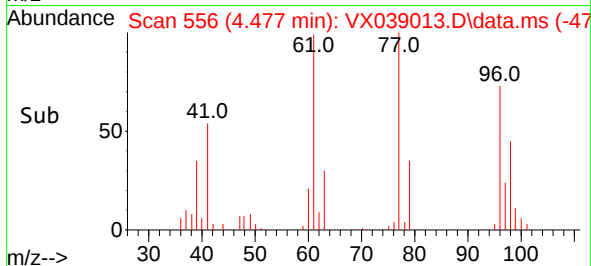
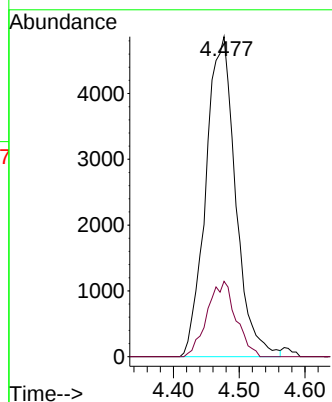
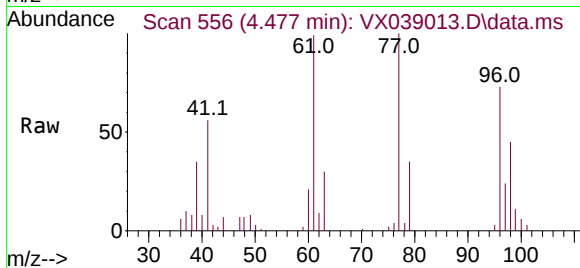
VSTDIC005

Tgt Ion: 77 Resp: 15283

Ion Ratio Lower Upper

77 100

97 22.7 18.2 27.4



#32

1,1,1-Trichloroethane

Concen: 5.240 ug/l

RT: 5.379 min Scan# 704

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

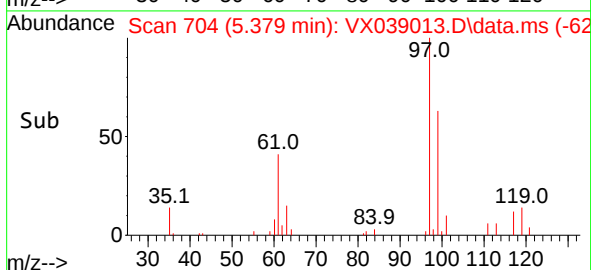
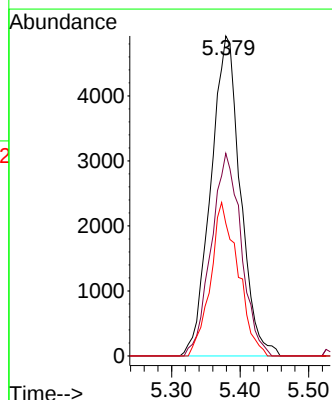
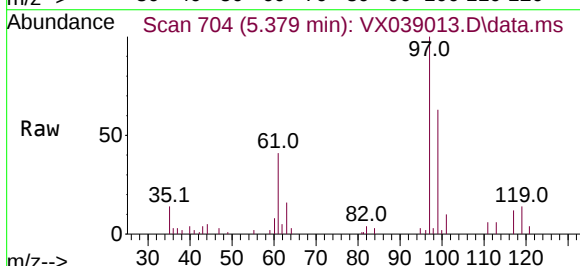
Tgt Ion: 97 Resp: 14747

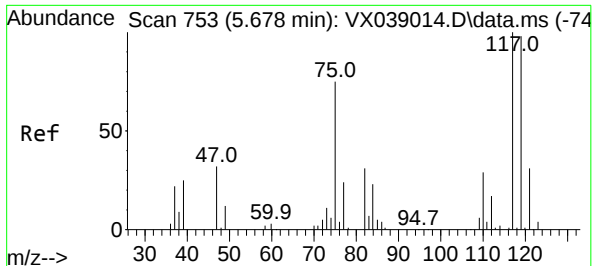
Ion Ratio Lower Upper

97 100

99 64.3 52.6 79.0

61 44.6 36.9 55.3

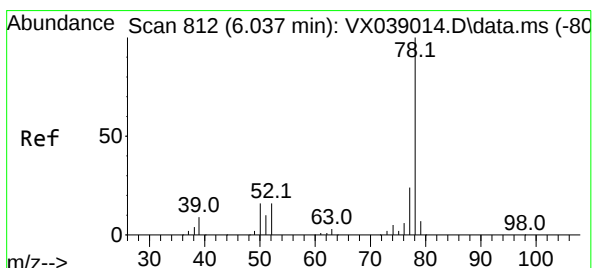
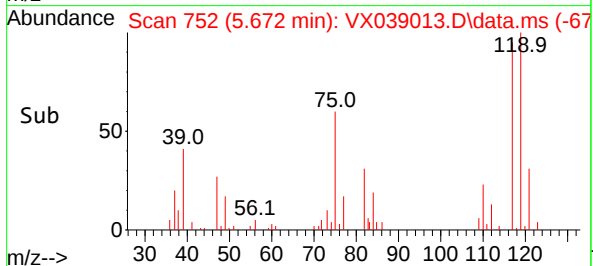
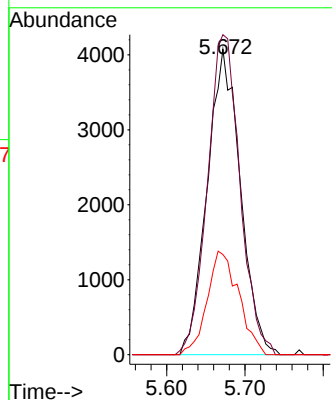
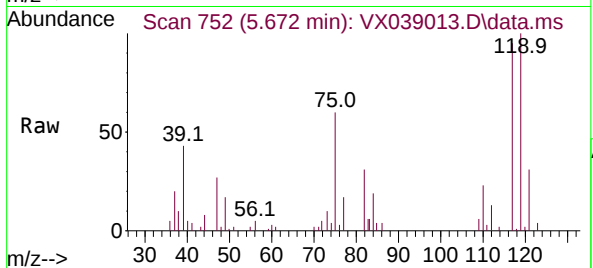




#33
Carbon Tetrachloride
Concen: 5.055 ug/l
RT: 5.672 min Scan# 752
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

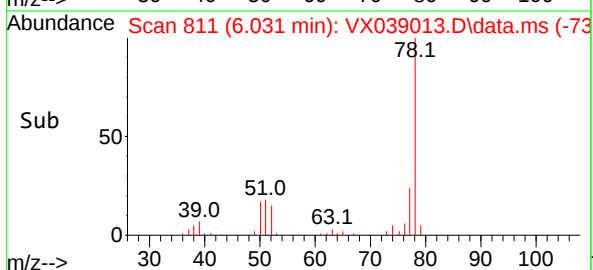
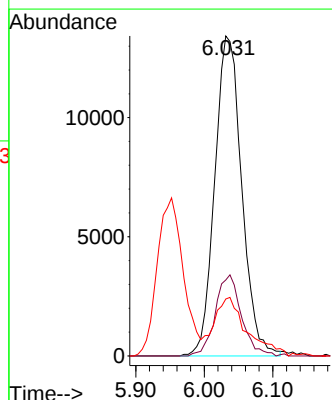
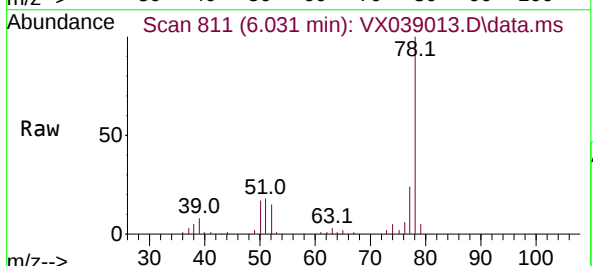
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

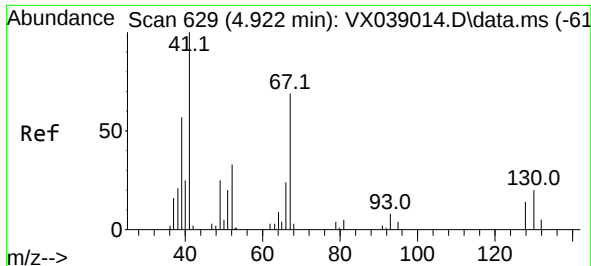
Tgt Ion:117 Resp: 11982
Ion Ratio Lower Upper
117 100
119 104.8 78.2 117.4
121 32.8 24.7 37.1



#34
Benzene
Concen: 5.176 ug/l
RT: 6.031 min Scan# 811
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 78 Resp: 36712
Ion Ratio Lower Upper
78 100
77 23.8 19.3 28.9
51 15.5 14.4 21.6

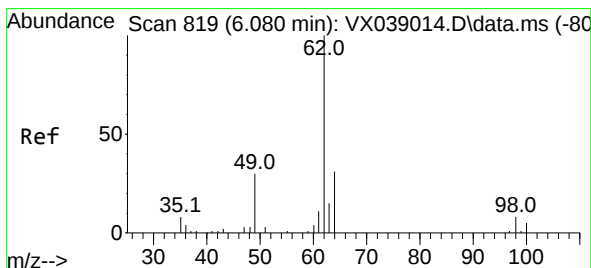
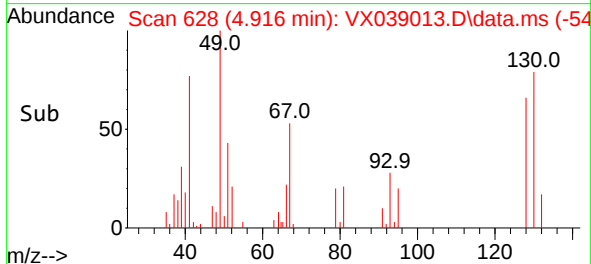
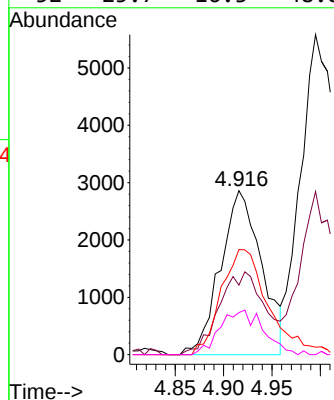
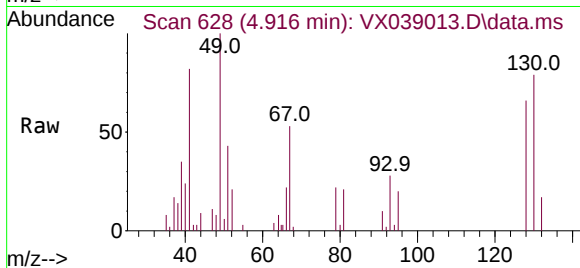




#35
Methacrylonitrile
Concen: 5.202 ug/l
RT: 4.916 min Scan# 61
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

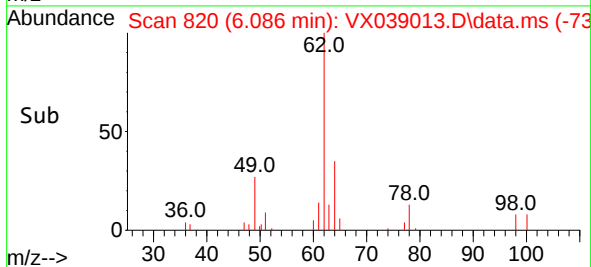
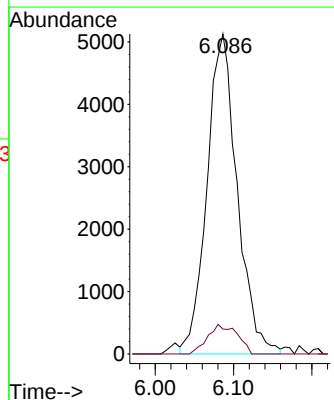
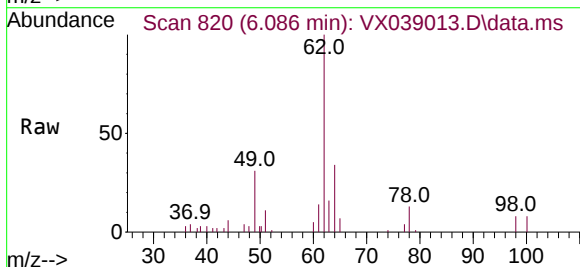
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

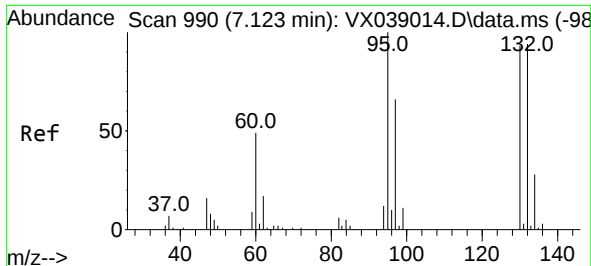
Tgt Ion:	41	Resp:	8446
Ion	Ratio	Lower	Upper
41	100		
39	42.5	28.2	84.7
67	64.1	34.5	103.5
52	25.7	16.3	48.8



#36
1,2-Dichloroethane
Concen: 5.277 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion:	62	Resp:	13734
Ion	Ratio	Lower	Upper
62	100		
98	6.1	7.0	10.4#





#37

Trichloroethene

Concen: 5.119 ug/l

RT: 7.129 min Scan# 991

Delta R.T. 0.006 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

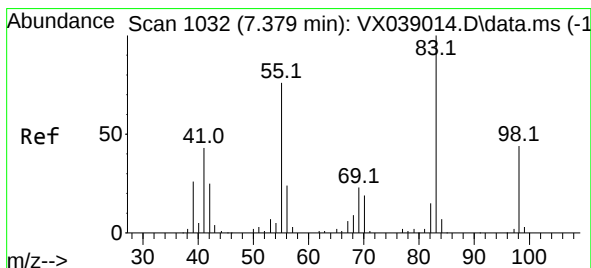
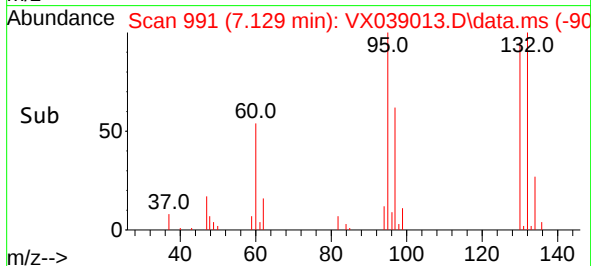
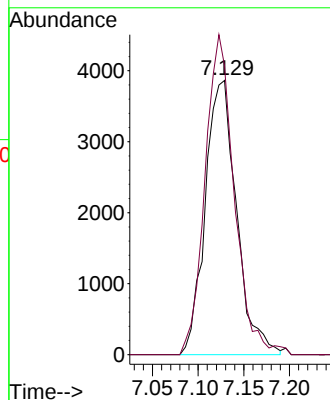
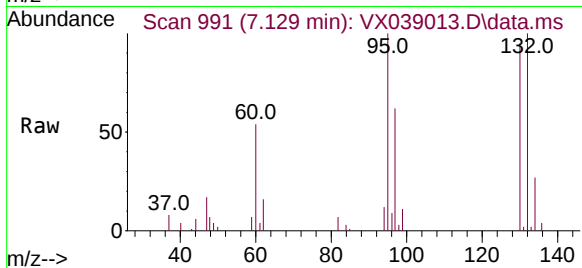
VSTDIC005

Tgt Ion:130 Resp: 9215

Ion Ratio Lower Upper

130 100

95 105.4 85.8 128.8



#38

Methylcyclohexane

Concen: 5.227 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

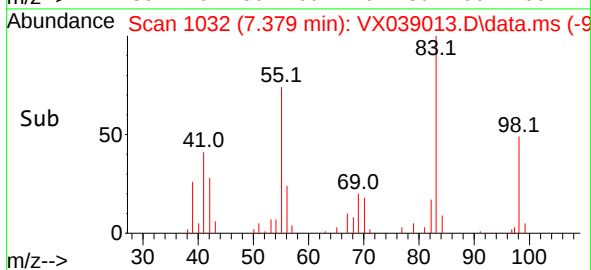
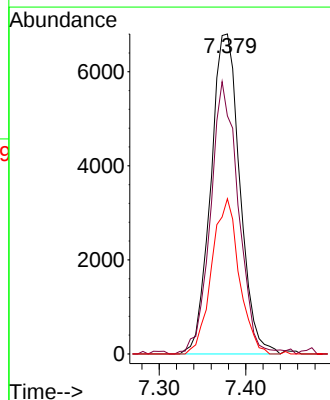
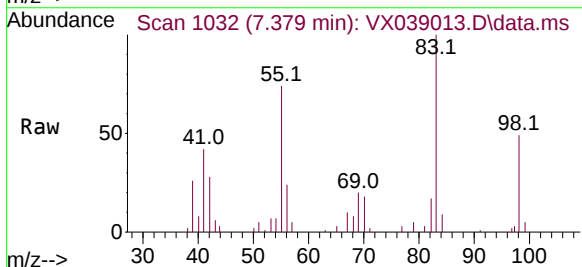
Tgt Ion: 83 Resp: 15857

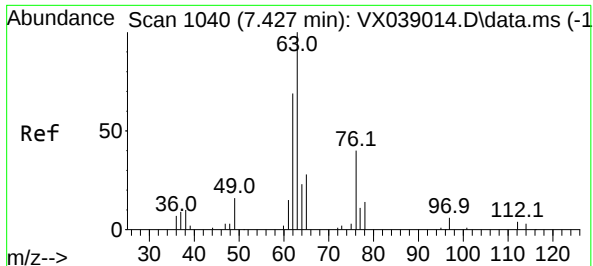
Ion Ratio Lower Upper

83 100

55 81.0 38.6 116.0

98 45.7 22.3 66.8





#39

1,2-Dichloropropane

Concen: 5.220 ug/l

RT: 7.428 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

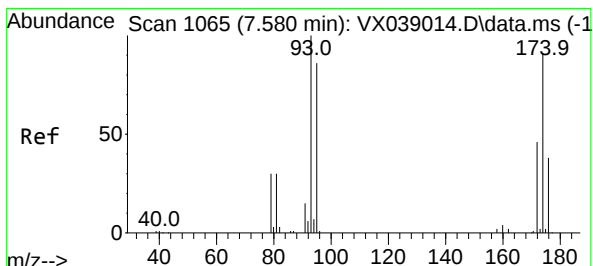
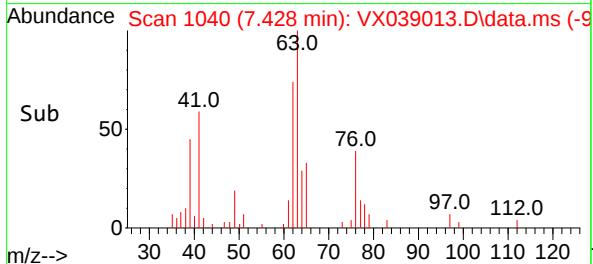
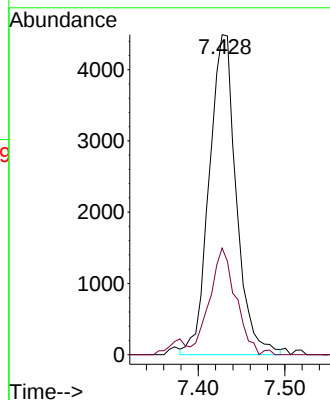
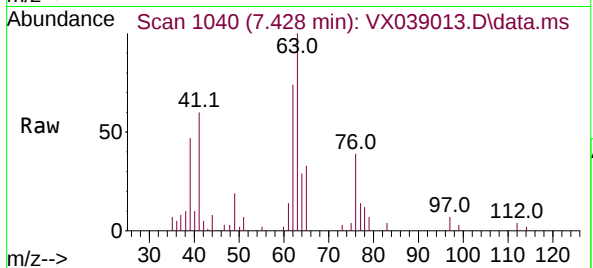
VSTDICC005

Tgt Ion: 63 Resp: 9764

Ion Ratio Lower Upper

63 100

65 33.8 24.6 37.0



#40

Dibromomethane

Concen: 5.017 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

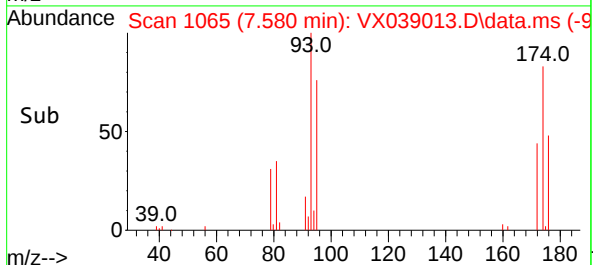
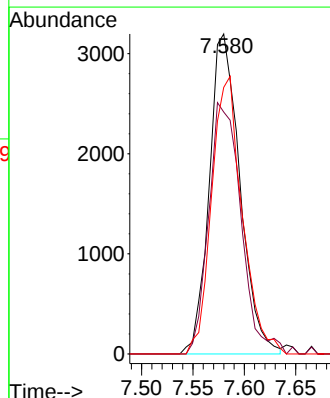
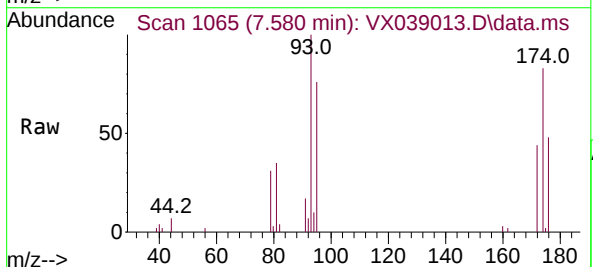
Tgt Ion: 93 Resp: 6631

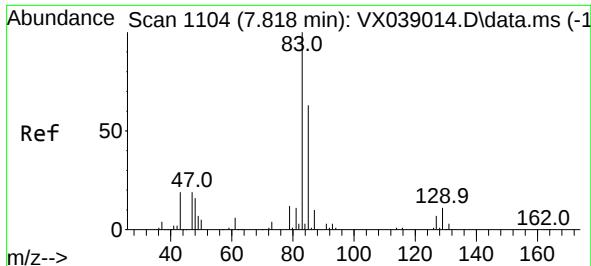
Ion Ratio Lower Upper

93 100

95 81.2 0.0 163.4

174 86.4 0.0 166.4

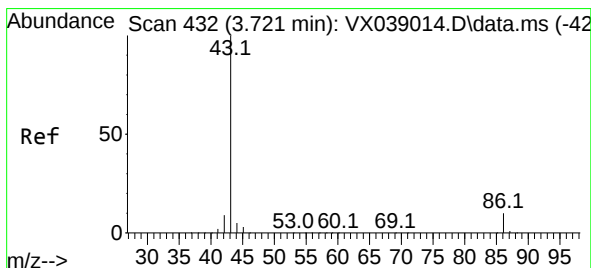
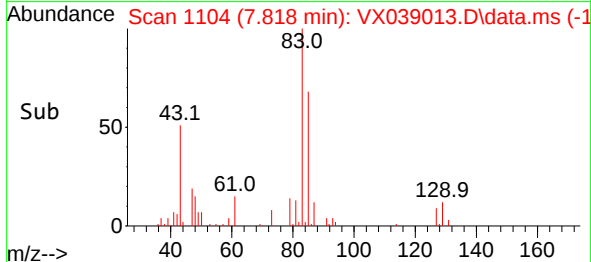
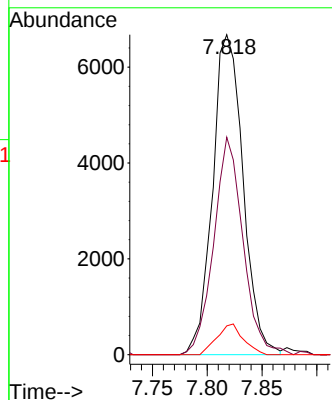
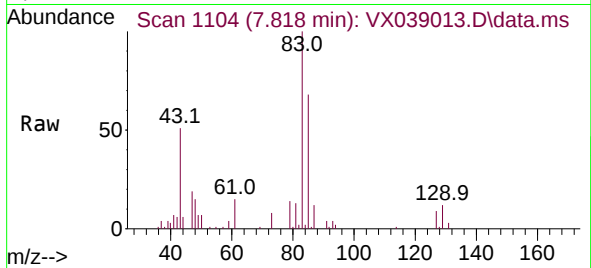




#41
Bromodichloromethane
Concen: 5.088 ug/l
RT: 7.818 min Scan# 1104
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

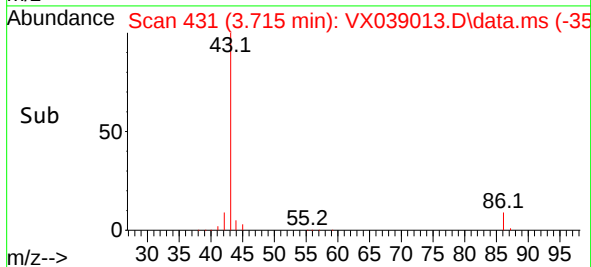
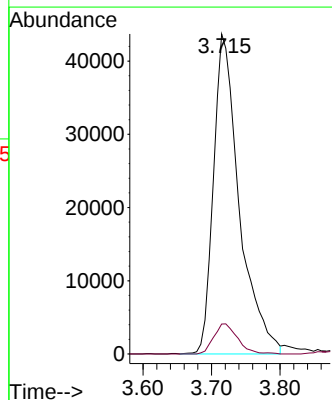
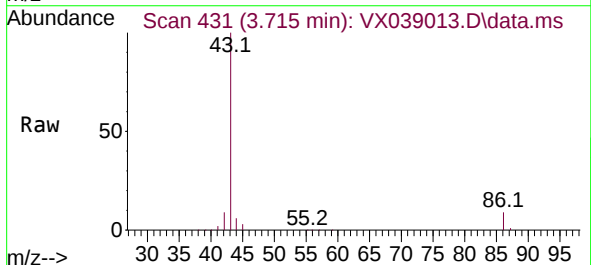
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

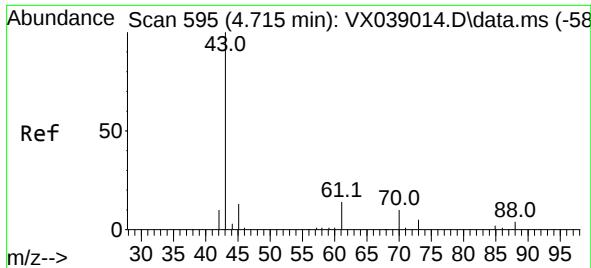
Tgt Ion: 83 Resp: 12919
Ion Ratio Lower Upper
83 100
85 68.0 50.8 76.2
127 9.0 5.9 8.9#



#42
Vinyl Acetate
Concen: 26.158 ug/l
RT: 3.715 min Scan# 431
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 43 Resp: 114207
Ion Ratio Lower Upper
43 100
86 8.6 6.7 10.1

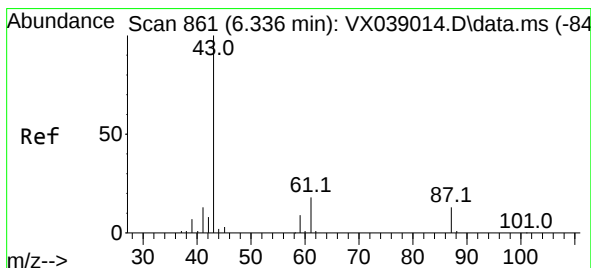
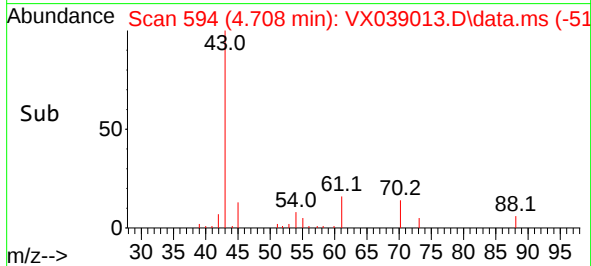
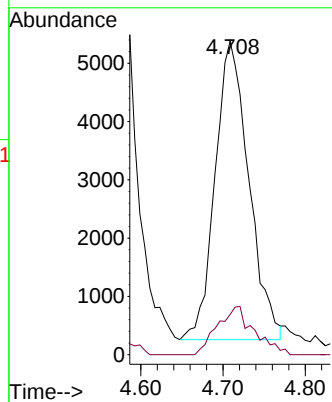
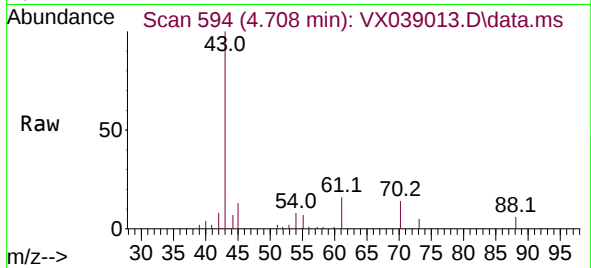




#43
Ethyl Acetate
Concen: 4.623 ug/l
RT: 4.708 min Scan# 594
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

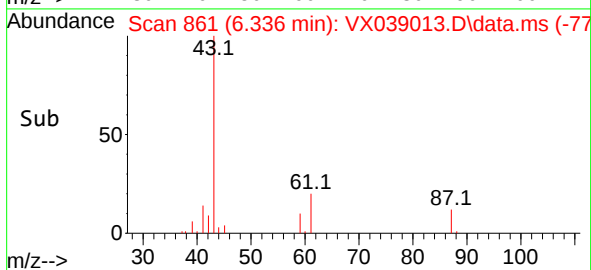
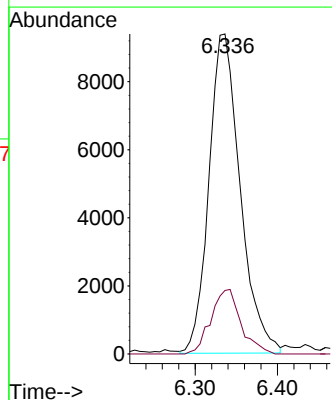
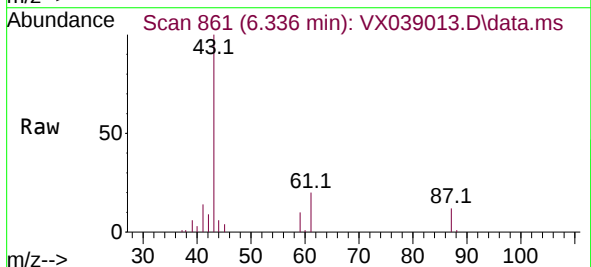
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

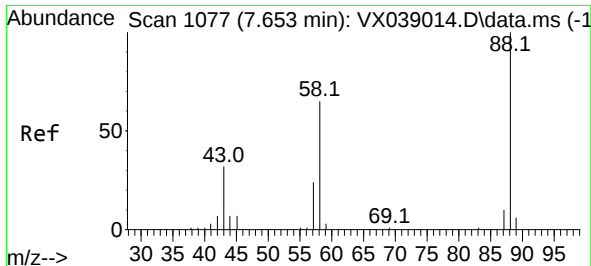
Tgt Ion: 43 Resp: 14579
Ion Ratio Lower Upper
43 100
45 12.6 11.8 17.8



#44
Isopropyl Acetate
Concen: 4.991 ug/l
RT: 6.336 min Scan# 861
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 43 Resp: 24814
Ion Ratio Lower Upper
43 100
61 19.4 15.6 23.4

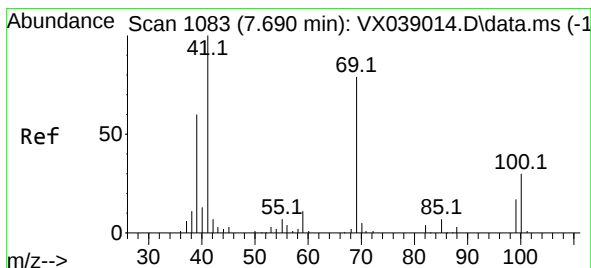
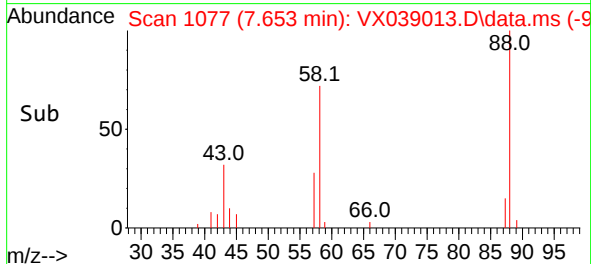
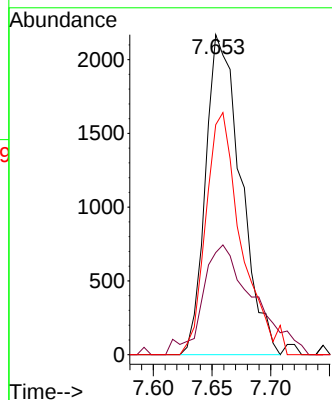
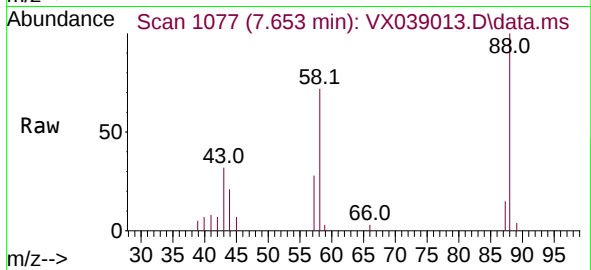




#45
1,4-Dioxane
Concen: 89.140 ug/l
RT: 7.653 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

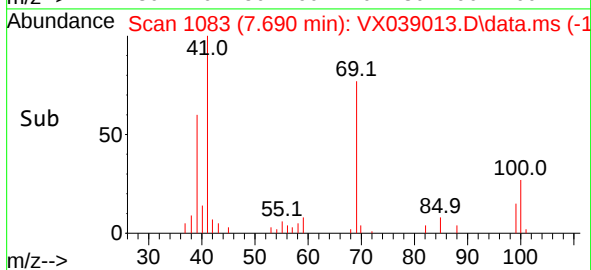
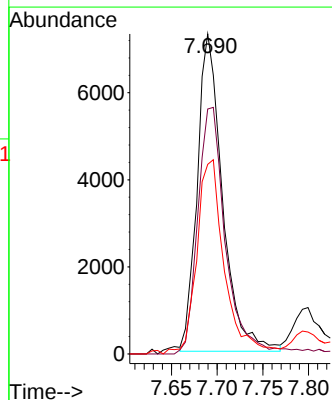
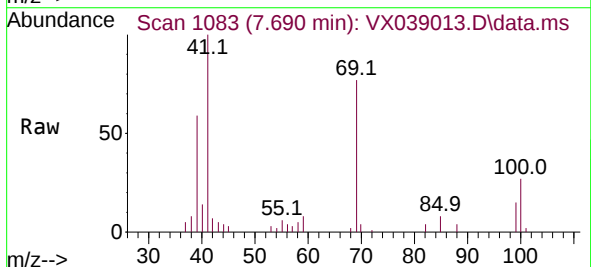
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

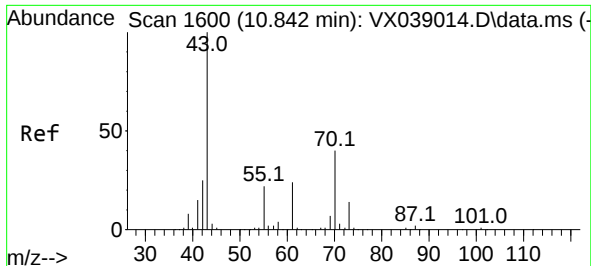
Tgt Ion: 88 Resp: 4524
Ion Ratio Lower Upper
88 100
43 47.5 28.1 42.1#
58 74.6 57.7 86.5



#46
Methyl methacrylate
Concen: 4.936 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 41 Resp: 14030
Ion Ratio Lower Upper
41 100
69 76.9 39.6 118.8
39 58.9 30.1 90.3

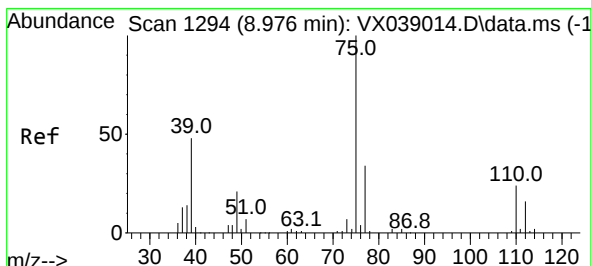
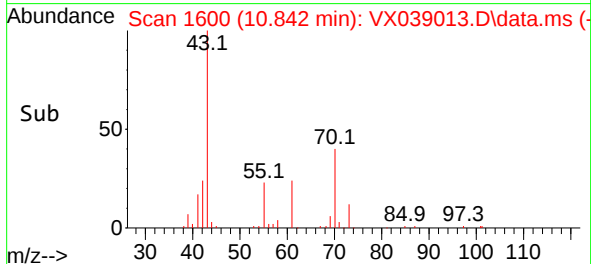
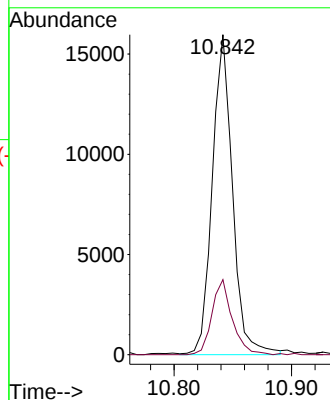
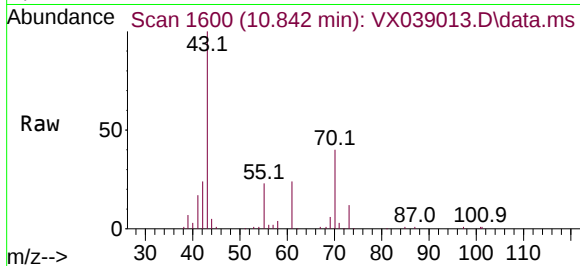




#47
n-amyl acetate
Concen: 4.547 ug/l
RT: 10.842 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

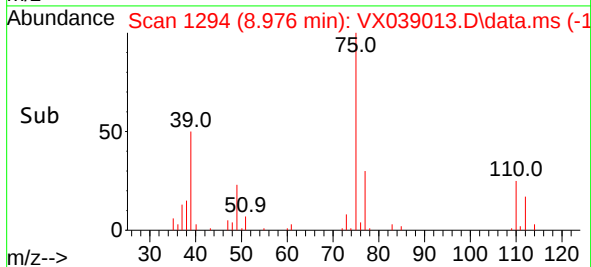
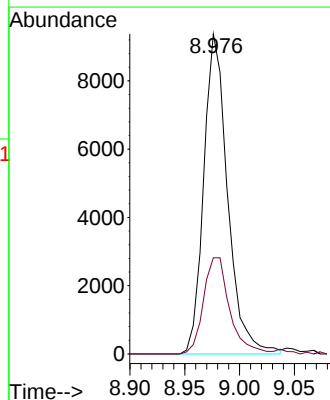
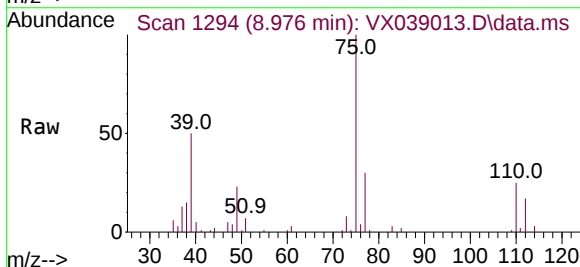
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

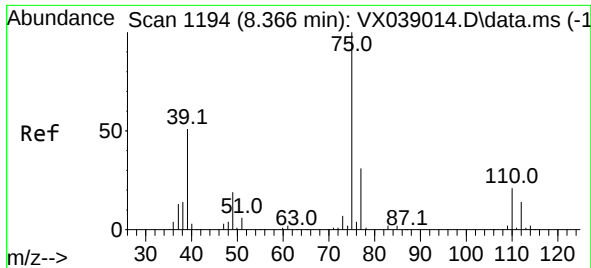
Tgt Ion: 43 Resp: 19135
Ion Ratio Lower Upper
43 100
55 23.5 18.2 27.2



#48
t-1,3-Dichloropropene
Concen: 4.837 ug/l
RT: 8.976 min Scan# 1294
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 75 Resp: 14240
Ion Ratio Lower Upper
75 100
77 30.1 26.8 40.2





#49

cis-1,3-Dichloropropene

Concen: 5.019 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDICC005

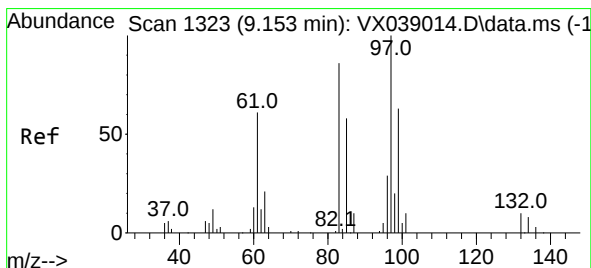
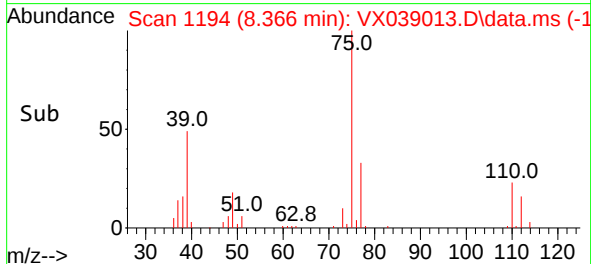
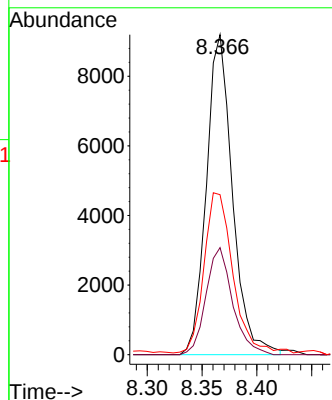
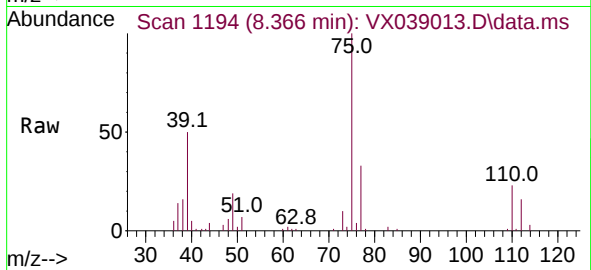
Tgt Ion: 75 Resp: 15243

Ion Ratio Lower Upper

75 100

77 33.4 24.4 36.6

39 49.2 40.6 60.8



#50

1,1,2-Trichloroethane

Concen: 5.067 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Tgt Ion: 97 Resp: 9096

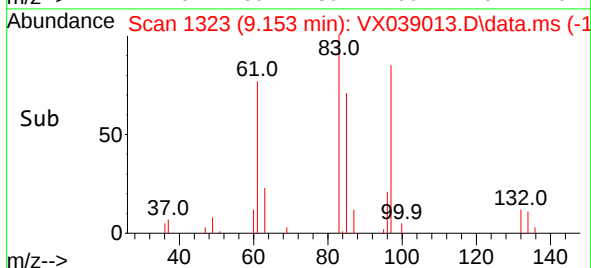
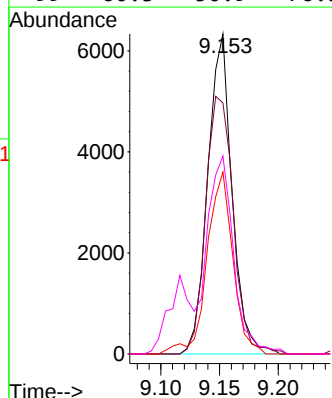
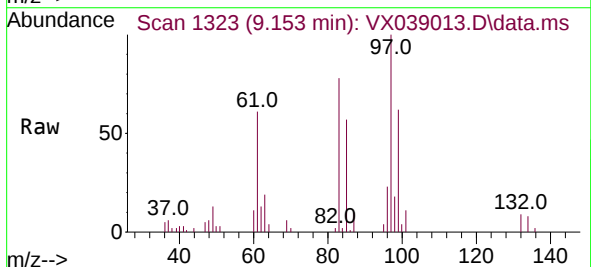
Ion Ratio Lower Upper

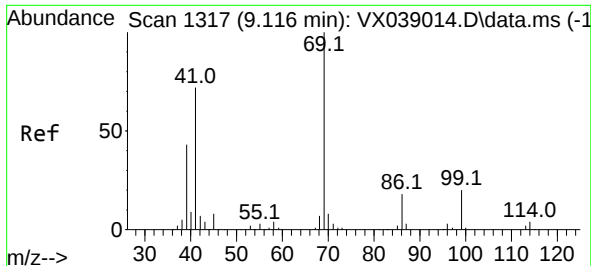
97 100

83 78.4 69.0 103.6

85 56.9 46.3 69.5

99 60.3 50.9 76.3

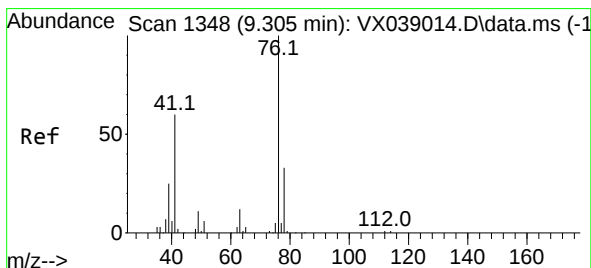
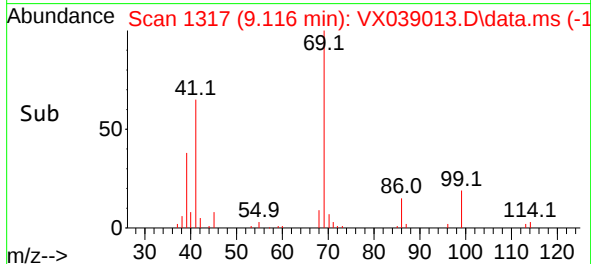
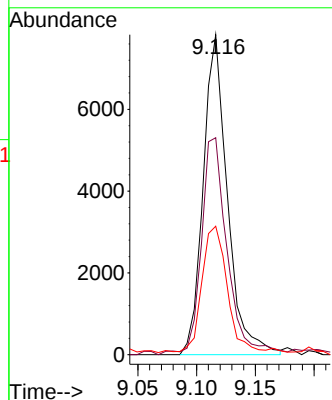
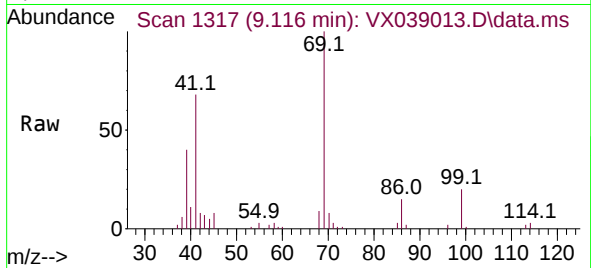




#51
Ethyl methacrylate
Concen: 4.996 ug/l
RT: 9.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

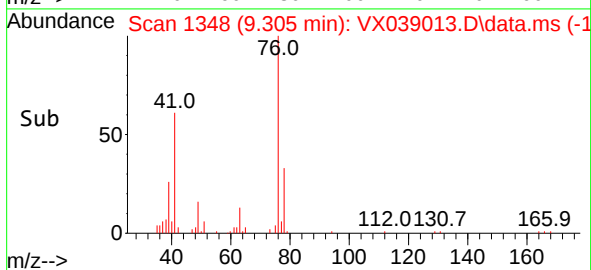
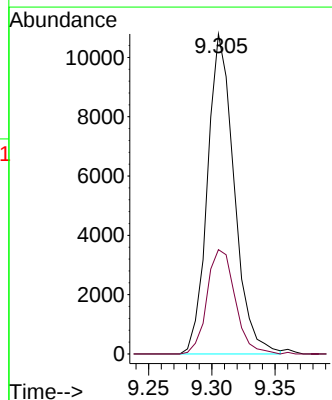
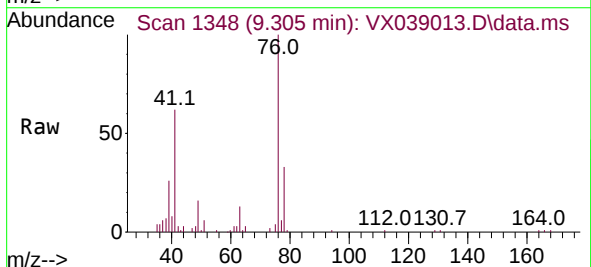
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

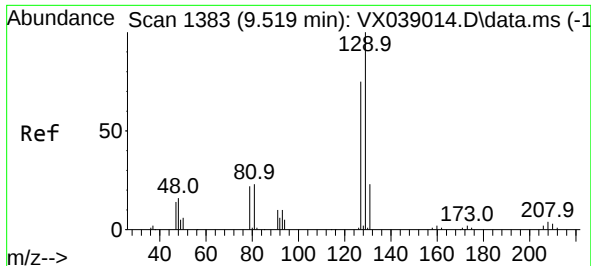
Tgt Ion: 69 Resp: 11228
Ion Ratio Lower Upper
69 100
41 66.9 36.2 108.6
39 39.2 21.1 63.4



#52
1,3-Dichloropropane
Concen: 5.144 ug/l
RT: 9.305 min Scan# 1348
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 76 Resp: 15837
Ion Ratio Lower Upper
76 100
78 34.2 0.0 65.0

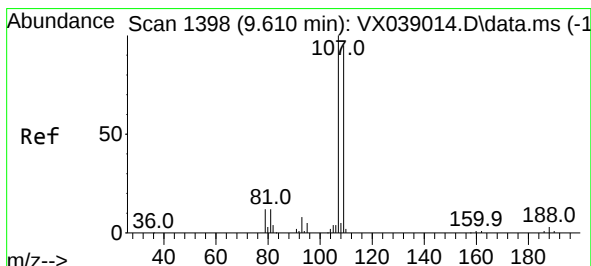
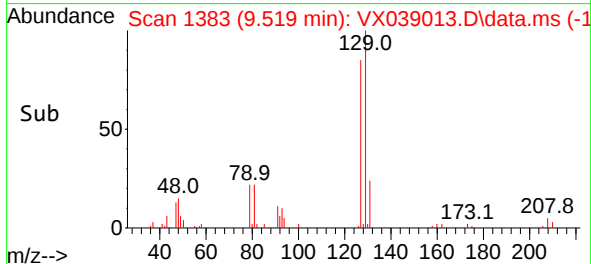
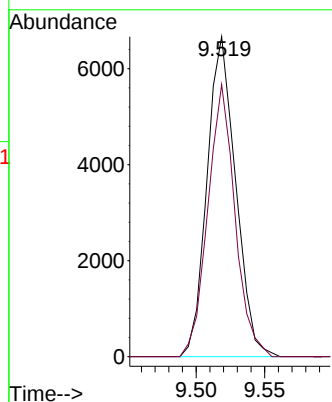
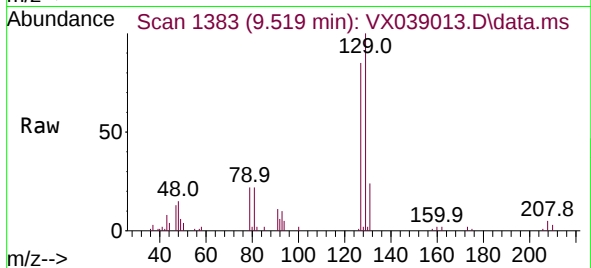




#53
Dibromochloromethane
Concen: 5.025 ug/l
RT: 9.519 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

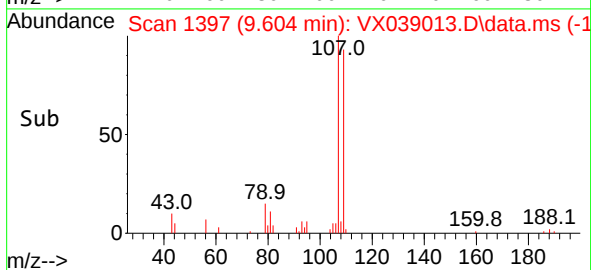
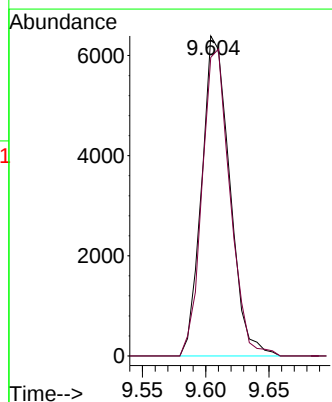
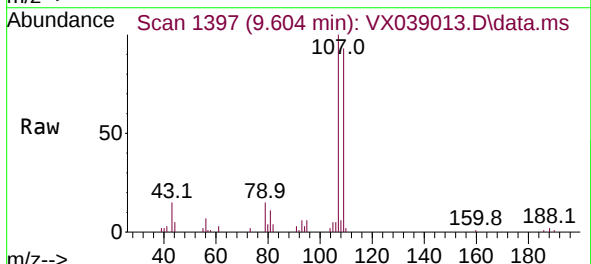
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

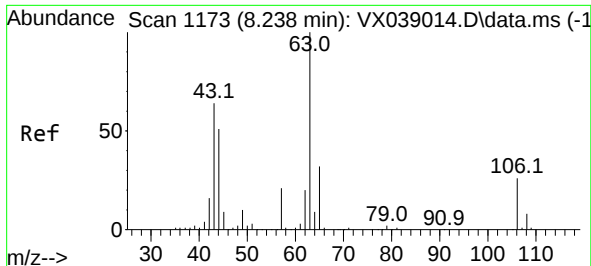
Tgt Ion:129 Resp: 9689
Ion Ratio Lower Upper
129 100
127 80.8 38.3 114.9



#54
1,2-Dibromoethane
Concen: 5.014 ug/l
RT: 9.604 min Scan# 1397
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion:107 Resp: 9871
Ion Ratio Lower Upper
107 100
109 95.4 75.1 112.7





#55

2-Chloroethyl vinyl ether

Concen: 24.750 ug/l

RT: 8.238 min Scan# 1173

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

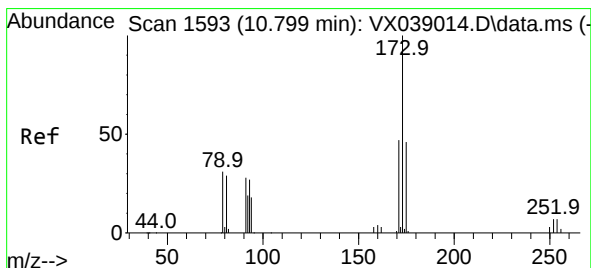
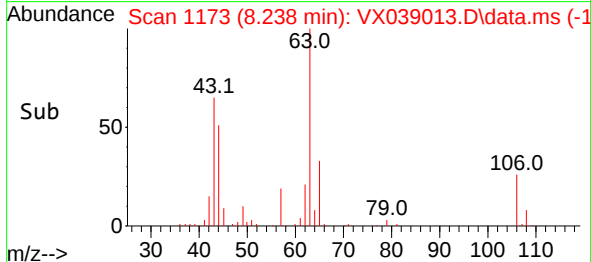
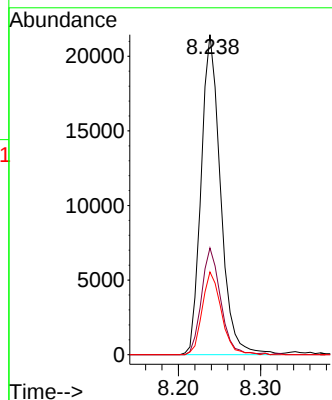
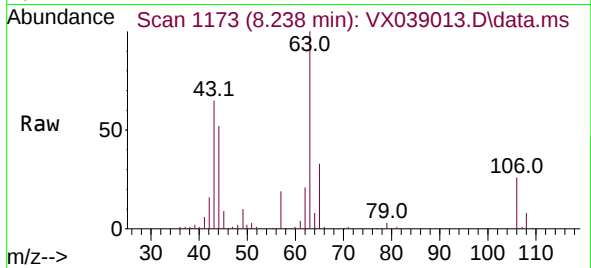
Tgt Ion: 63 Resp: 35235

Ion Ratio Lower Upper

63 100

65 32.7 25.8 38.6

106 25.5 20.6 31.0



#56

Bromoform

Concen: 4.791 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

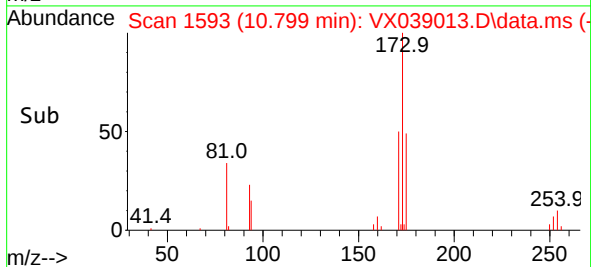
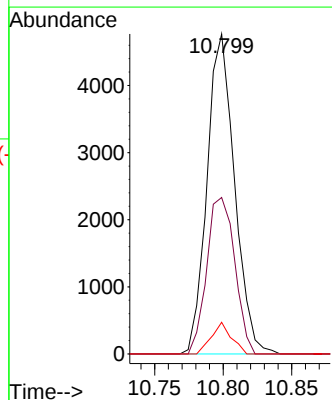
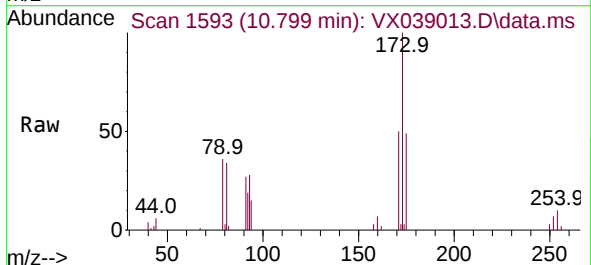
Tgt Ion:173 Resp: 6667

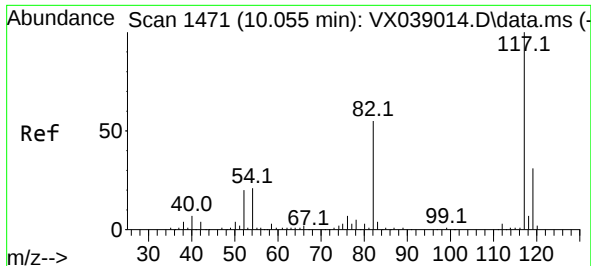
Ion Ratio Lower Upper

173 100

175 49.7 37.6 56.4

254 7.1 5.8 8.8





#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.049 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

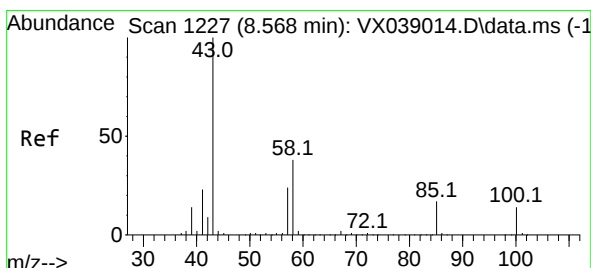
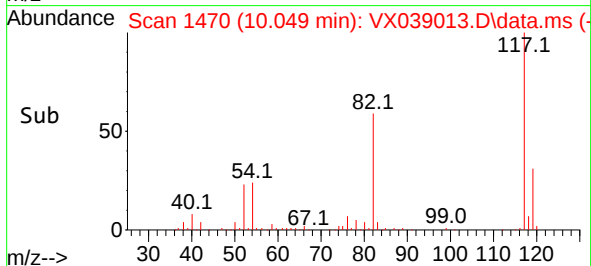
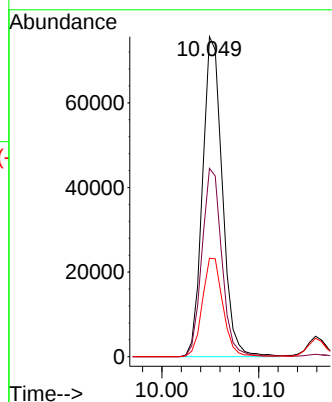
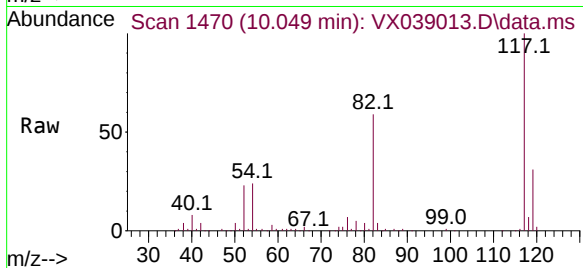
Tgt Ion:117 Resp: 107819

Ion Ratio Lower Upper

117 100

82 59.1 47.0 70.6

119 31.9 25.2 37.8



#58

4-Methyl-2-Pentanone

Concen: 26.023 ug/l

RT: 8.568 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

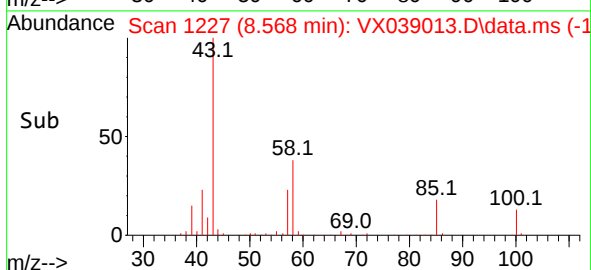
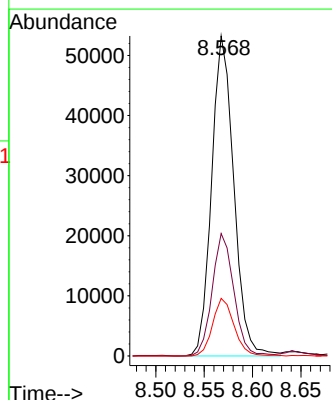
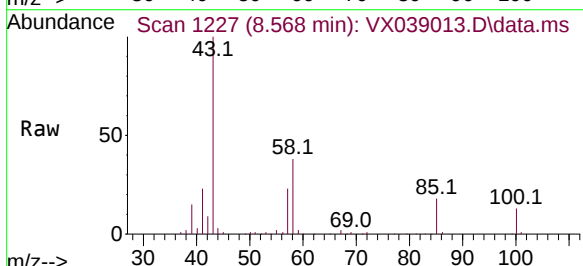
Tgt Ion: 43 Resp: 85084

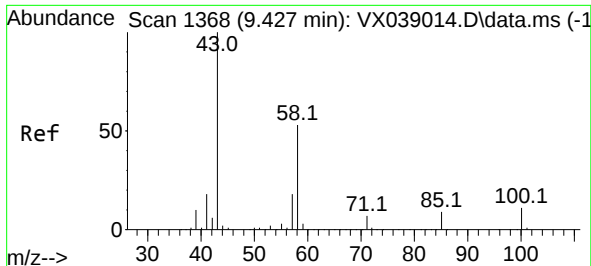
Ion Ratio Lower Upper

43 100

58 37.2 30.1 45.1

85 17.4 13.9 20.9

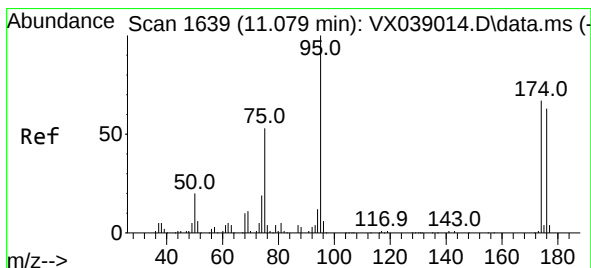
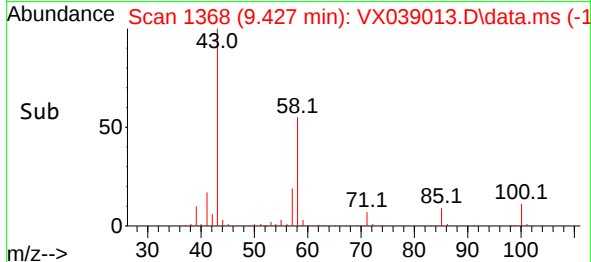
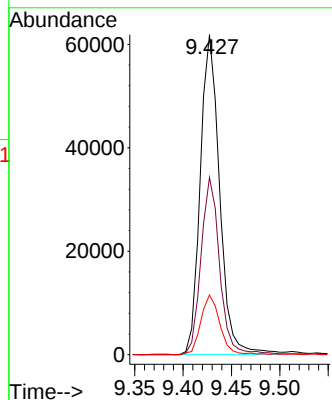
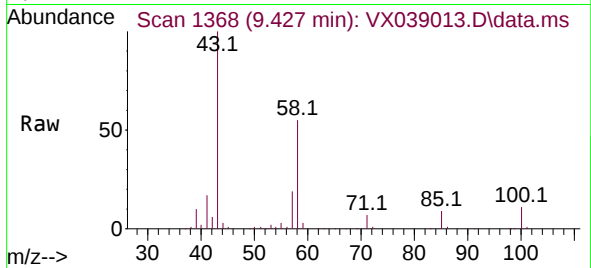




#59
2-Hexanone
Concen: 32.058 ug/l
RT: 9.427 min Scan# 1368
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

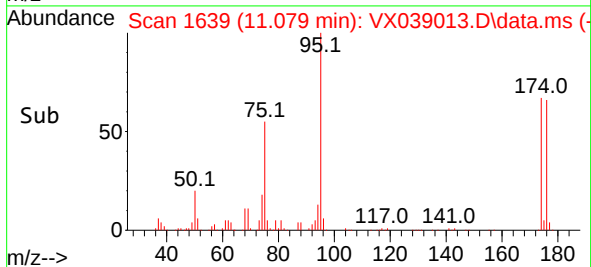
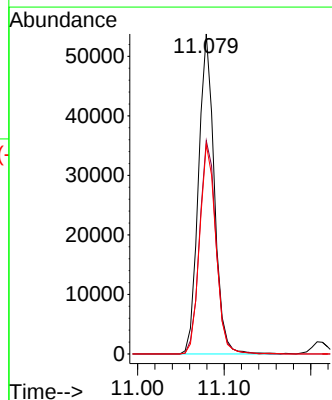
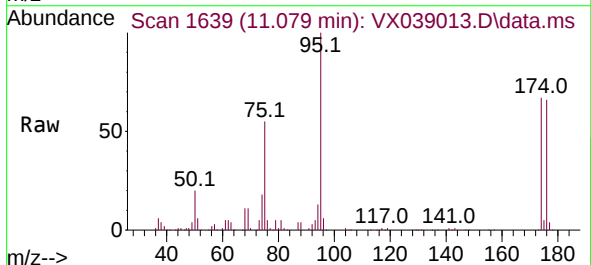
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

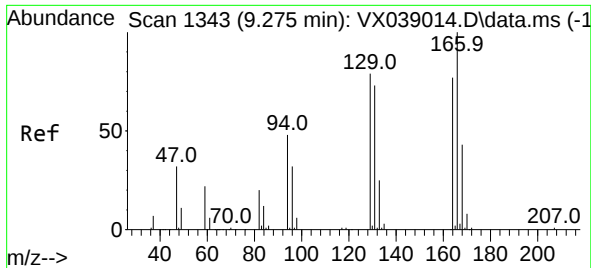
Tgt Ion: 43 Resp: 86038
Ion Ratio Lower Upper
43 100
58 53.7 42.7 64.1
57 18.2 14.8 22.2



#60
4-Bromofluorobenzene
Concen: 28.990 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 95 Resp: 68271
Ion Ratio Lower Upper
95 100
174 69.1 55.4 83.2
176 67.1 52.6 78.8

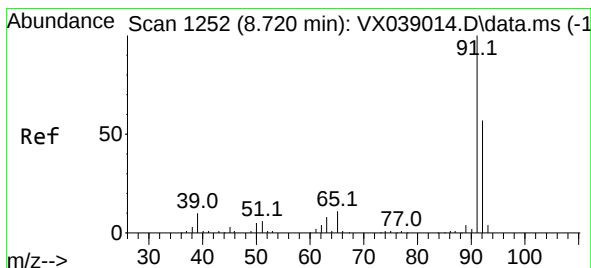
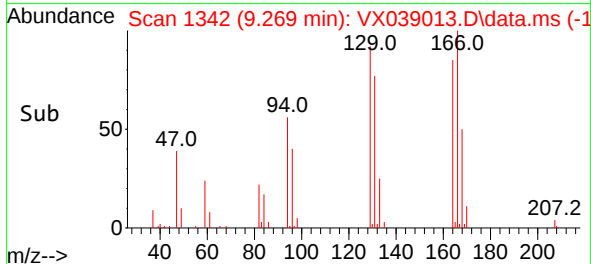
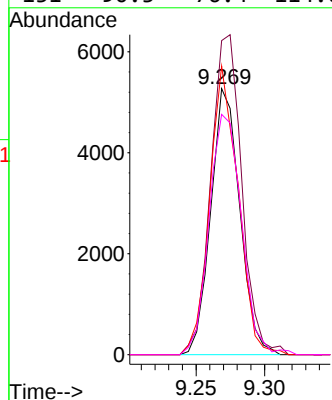
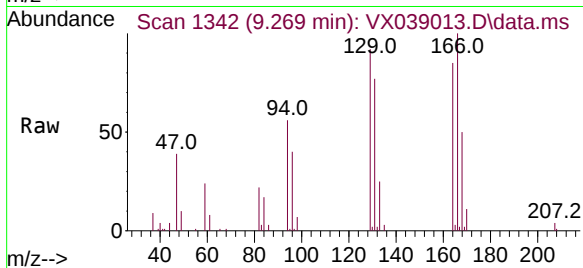




#61
Tetrachloroethene
Concen: 5.541 ug/l
RT: 9.269 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

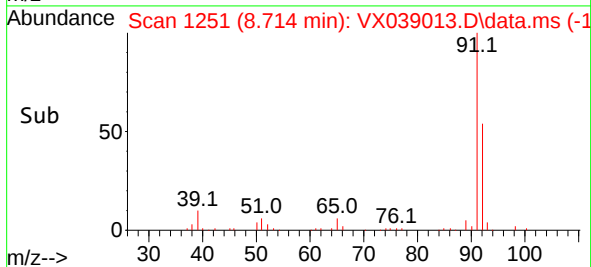
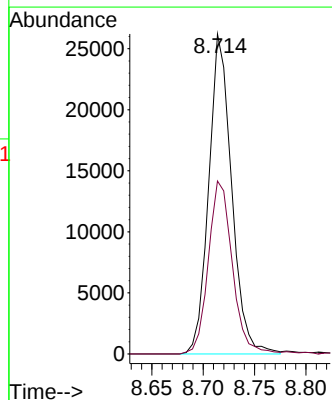
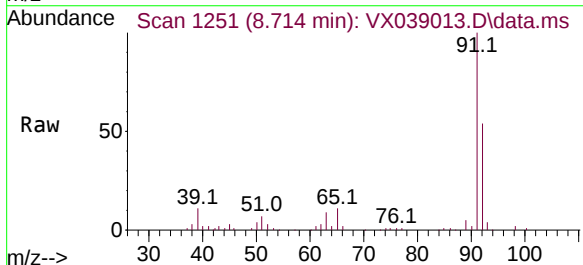
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

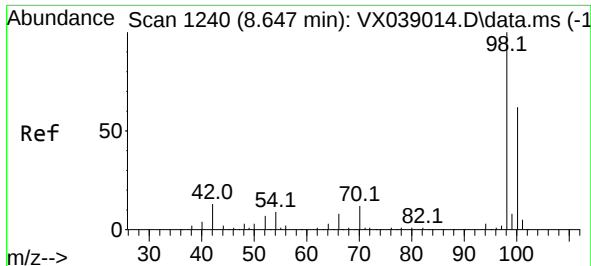
Tgt Ion:164 Resp: 7767
Ion Ratio Lower Upper
164 100
166 118.0 104.0 156.0
129 108.5 82.0 123.0
131 90.3 76.4 114.6



#62
Toluene
Concen: 5.293 ug/l
RT: 8.714 min Scan# 1251
Delta R.T. -0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 91 Resp: 40518
Ion Ratio Lower Upper
91 100
92 56.6 45.9 68.9

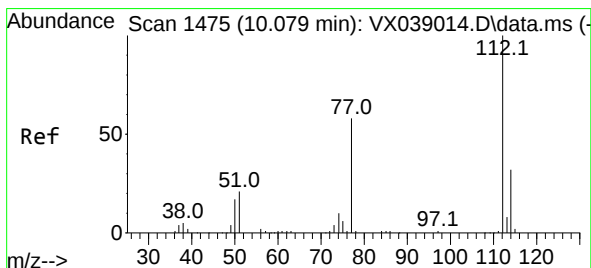
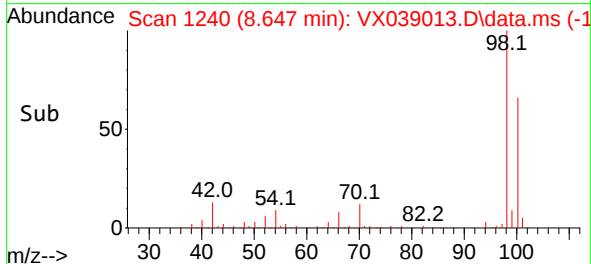
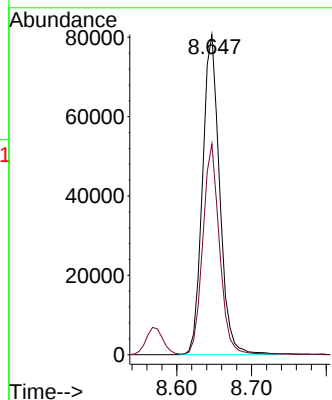
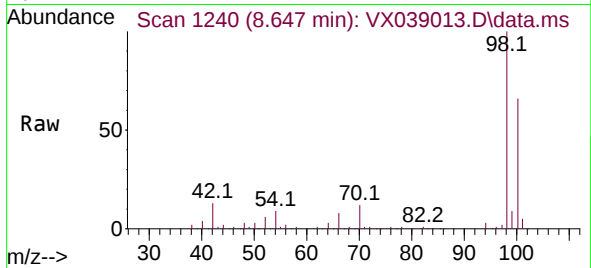




#63
Toluene-d8
Concen: 30.139 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

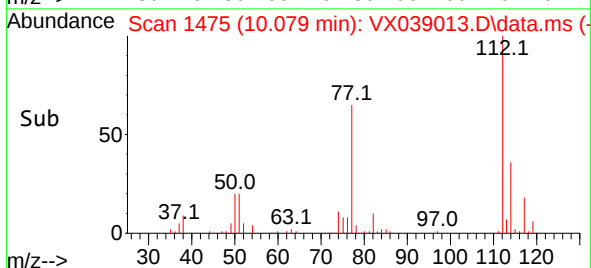
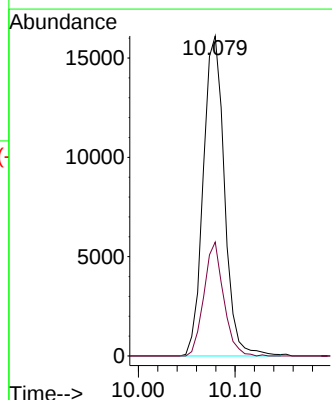
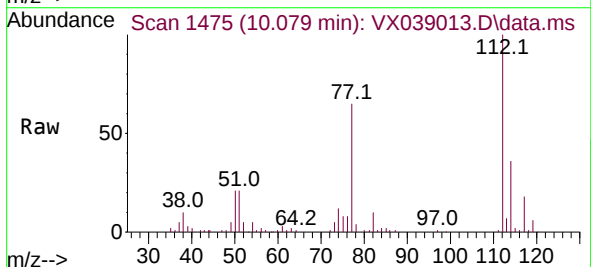
Instrument :
MSVOA_X
ClientSampleId :
VSTDICC005

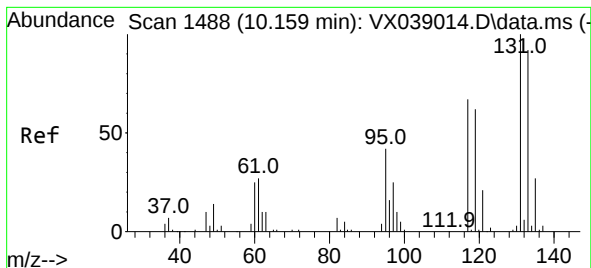
Tgt Ion: 98 Resp: 128478
Ion Ratio Lower Upper
98 100
100 63.6 51.0 76.4



#64
Chlorobenzene
Concen: 5.280 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 112 Resp: 24587
Ion Ratio Lower Upper
112 100
114 35.6 25.9 38.9





#65

1,1,1,2-Tetrachloroethane

Concen: 5.184 ug/l

RT: 10.159 min Scan# 1488

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

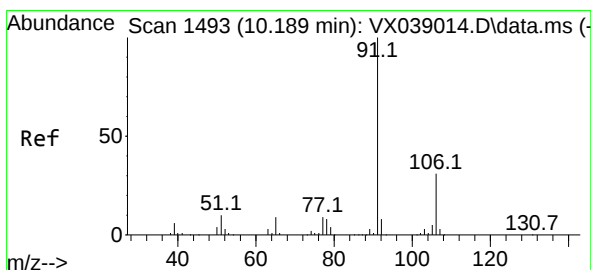
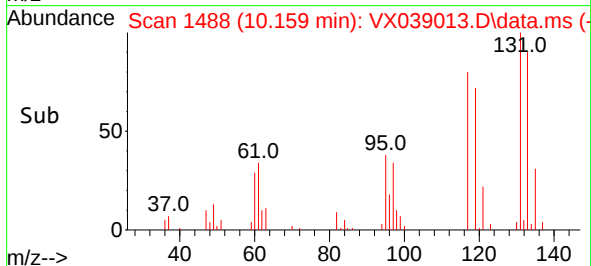
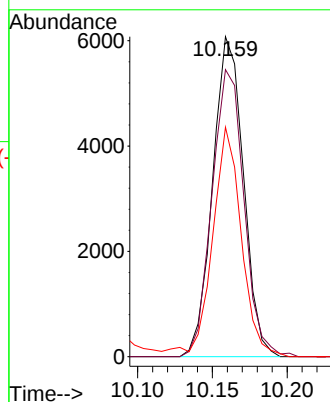
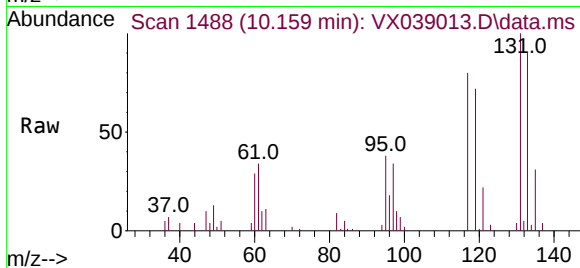
Tgt Ion:131 Resp: 8693

Ion Ratio Lower Upper

131 100

133 93.3 0.0 191.8

119 65.7 0.0 135.4



#66

Ethyl Benzene

Concen: 5.203 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.006 min

Lab File: VX039013.D

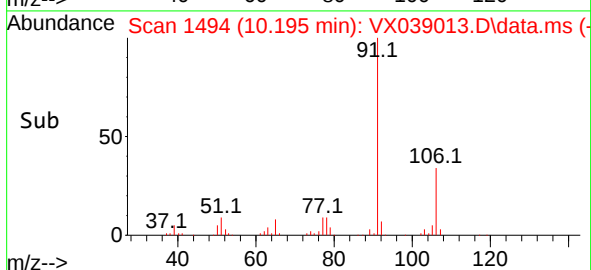
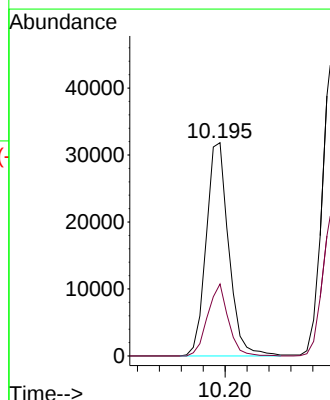
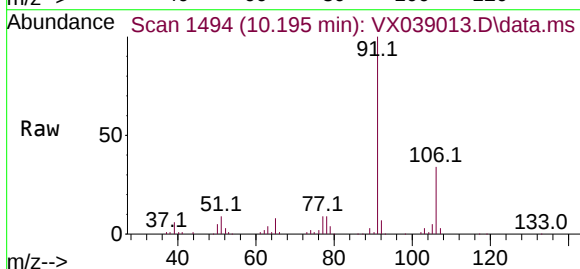
Acq: 24 Nov 2023 09:22

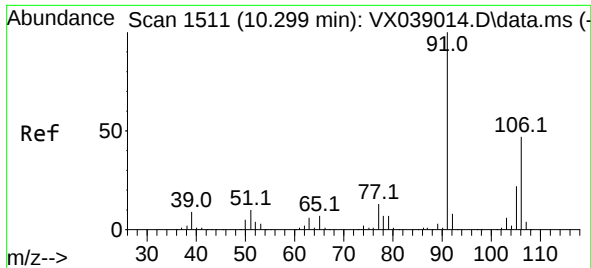
Tgt Ion: 91 Resp: 45353

Ion Ratio Lower Upper

91 100

106 33.7 24.4 36.6

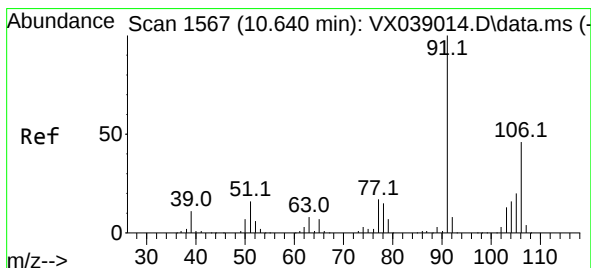
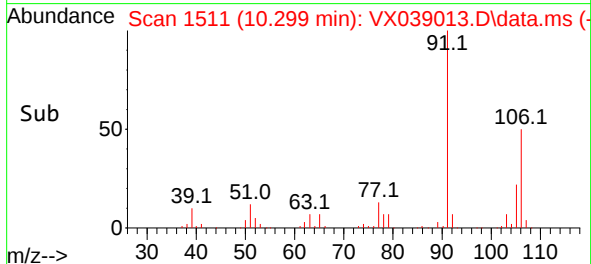
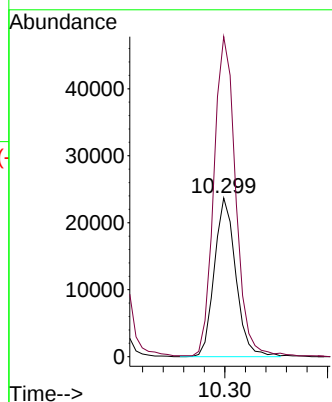
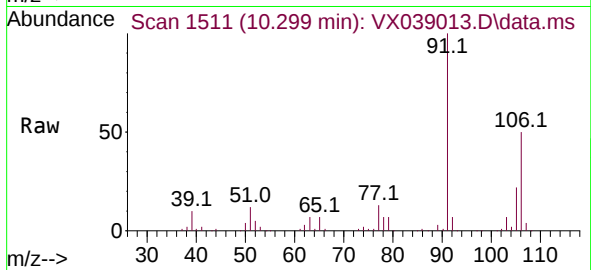




#67
m/p-Xylenes
Concen: 10.640 ug/l
RT: 10.299 min Scan# 1511
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

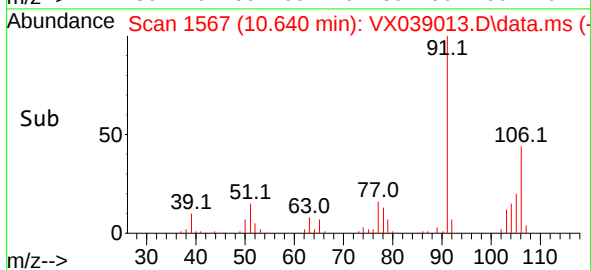
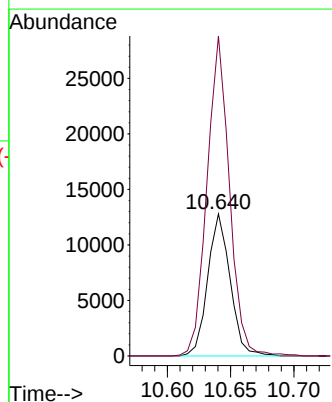
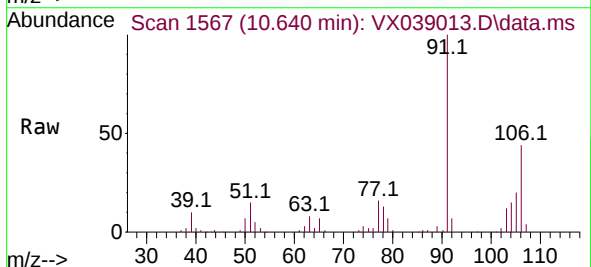
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

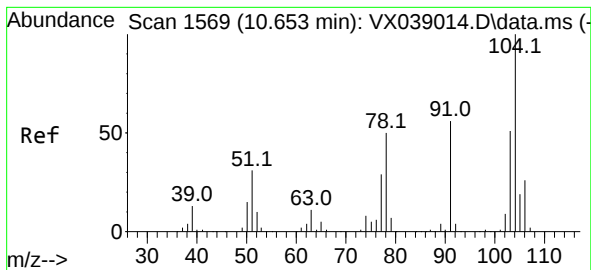
Tgt Ion:106 Resp: 34270
Ion Ratio Lower Upper
106 100
91 206.1 169.4 254.0



#68
o-Xylene
Concen: 5.065 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion:106 Resp: 15802
Ion Ratio Lower Upper
106 100
91 225.5 111.2 333.6





#69

Styrene

Concen: 4.894 ug/l

RT: 10.653 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

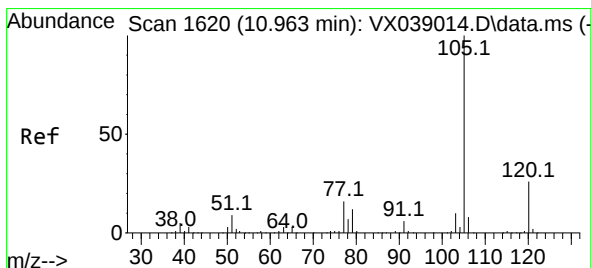
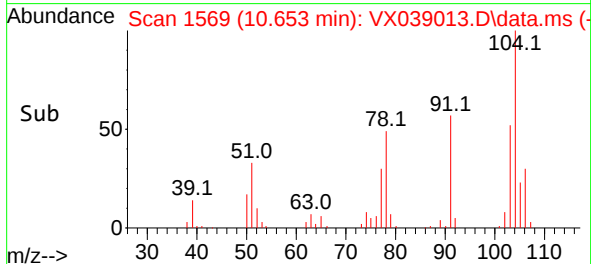
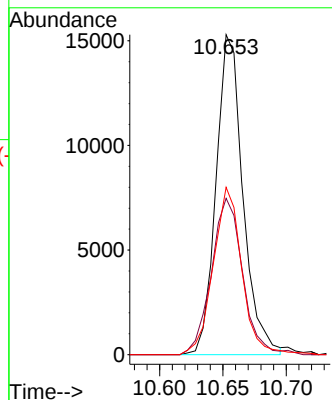
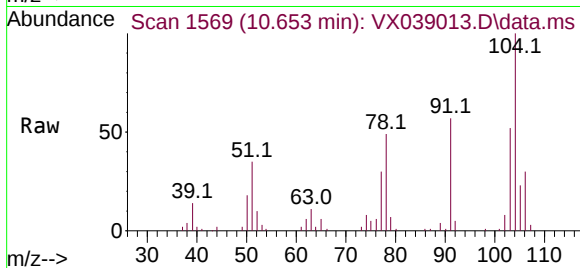
Tgt Ion:104 Resp: 22600

Ion Ratio Lower Upper

104 100

78 56.2 43.7 65.5

103 55.6 44.6 67.0



#70

Isopropylbenzene

Concen: 5.171 ug/l

RT: 10.957 min Scan# 1619

Delta R.T. -0.006 min

Lab File: VX039013.D

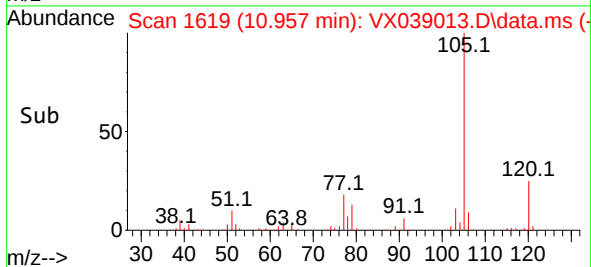
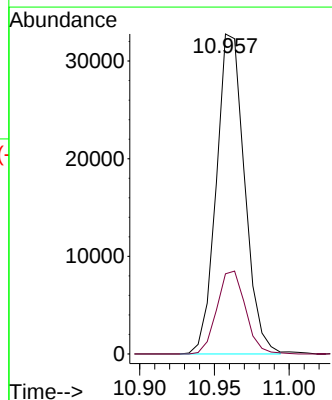
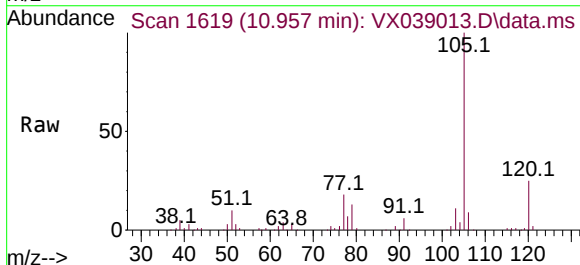
Acq: 24 Nov 2023 09:22

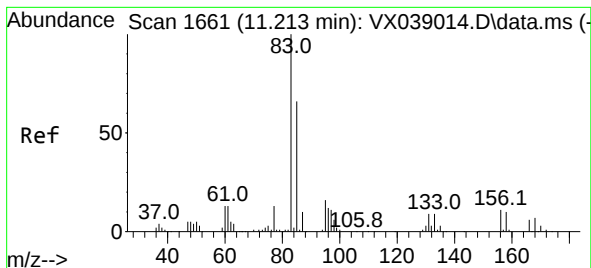
Tgt Ion:105 Resp: 43162

Ion Ratio Lower Upper

105 100

120 26.1 18.5 34.3





#71

1,1,2,2-Tetrachloroethane

Concen: 5.022 ug/l

RT: 11.207 min Scan# 1

Delta R.T. -0.006 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

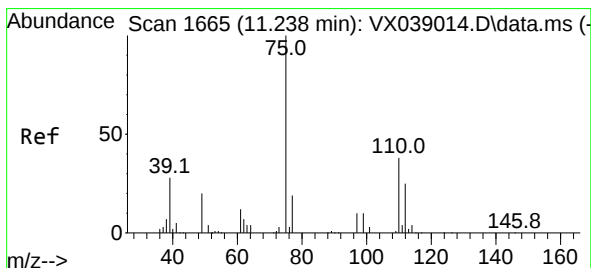
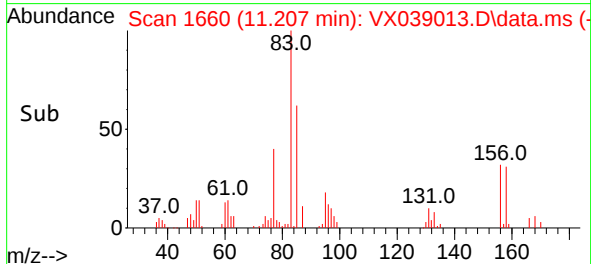
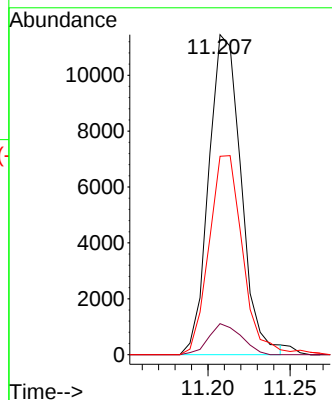
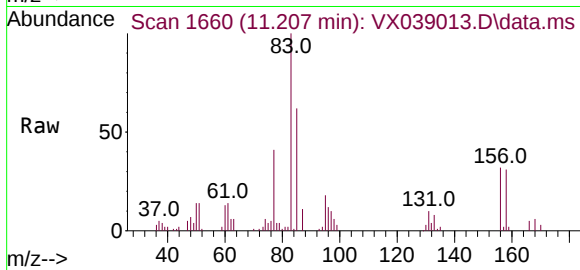
Tgt Ion: 83 Resp: 15649

Ion Ratio Lower Upper

83 100

131 9.8 4.6 13.8

85 64.3 32.5 97.4



#72

1,2,3-Trichloropropane

Concen: 5.088 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.000 min

Lab File: VX039013.D

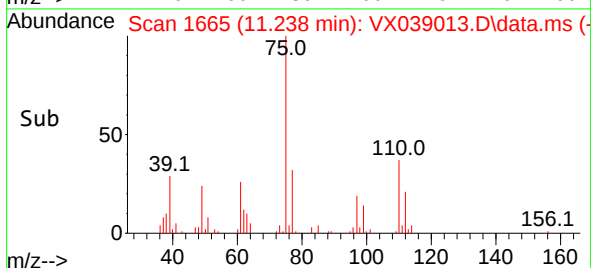
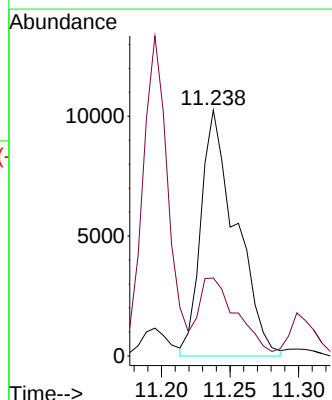
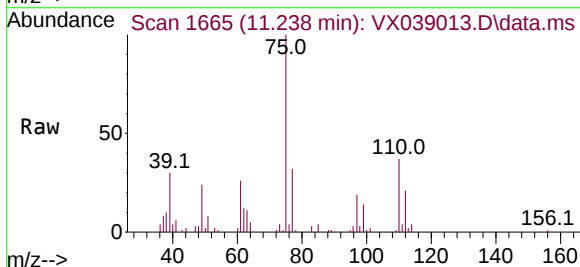
Acq: 24 Nov 2023 09:22

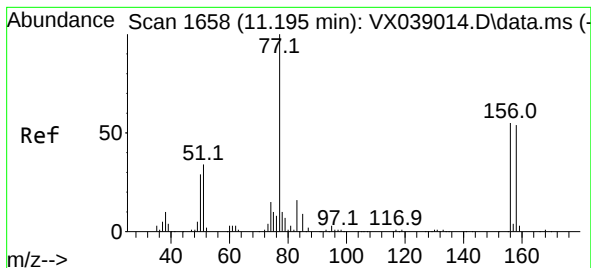
Tgt Ion: 75 Resp: 18222

Ion Ratio Lower Upper

75 100

77 34.0 0.0 76.4





#73

Bromobenzene

Concen: 5.190 ug/l

RT: 11.195 min Scan# 1658

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

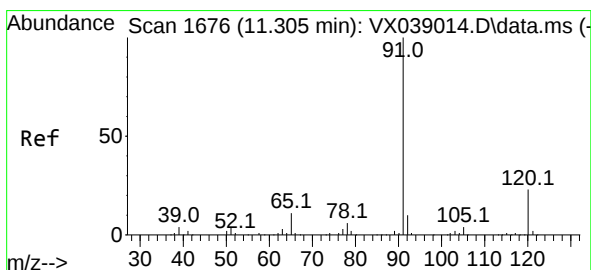
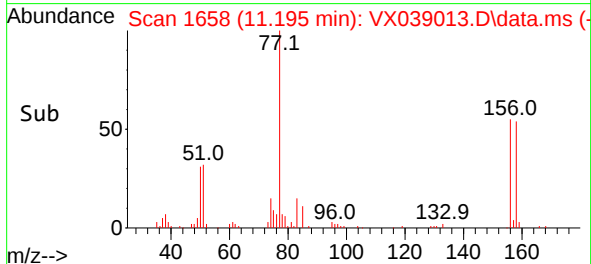
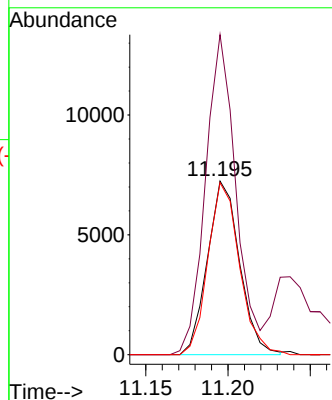
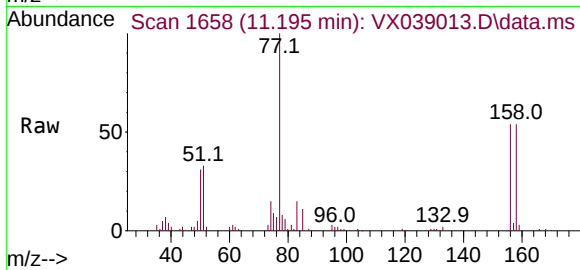
Tgt Ion:156 Resp: 9864

Ion Ratio Lower Upper

156 100

77 173.3 0.0 363.2

158 97.0 0.0 197.8



#74

n-propylbenzene

Concen: 5.215 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX039013.D

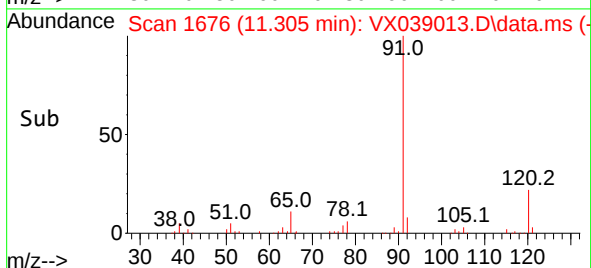
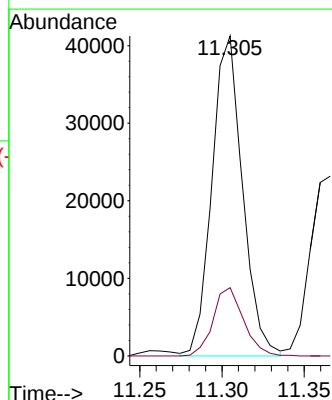
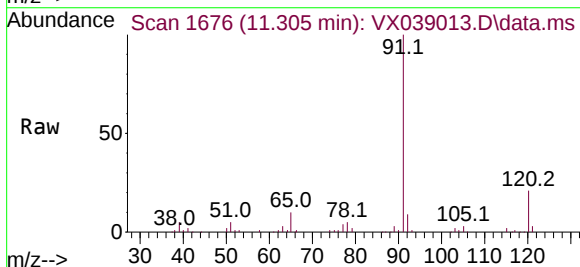
Acq: 24 Nov 2023 09:22

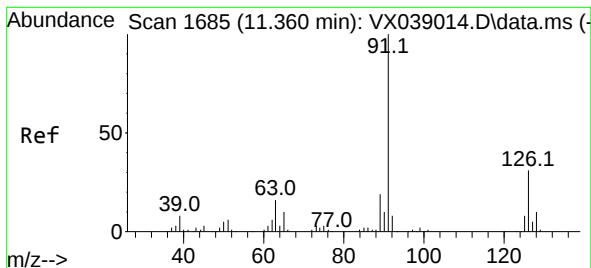
Tgt Ion: 91 Resp: 53341

Ion Ratio Lower Upper

91 100

120 21.3 0.0 43.4





#75

2-Chlorotoluene

Concen: 5.183 ug/l

RT: 11.366 min Scan# 1

Delta R.T. 0.006 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

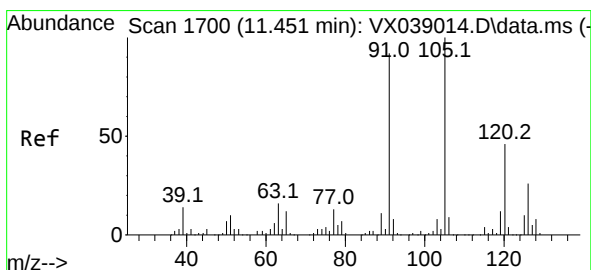
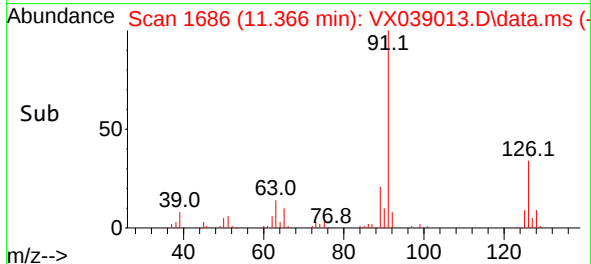
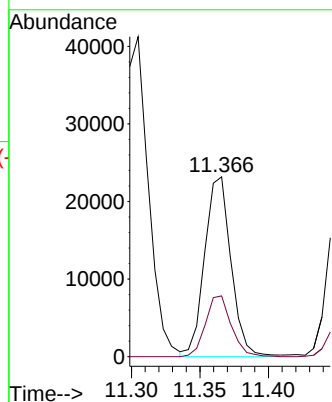
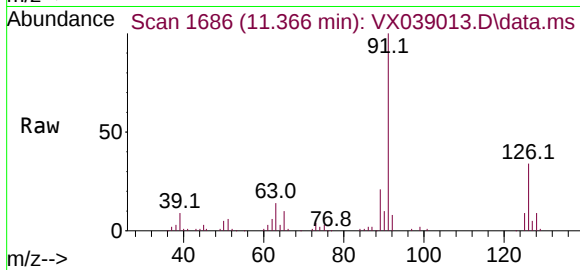
VSTDIC005

Tgt Ion: 91 Resp: 31098

Ion Ratio Lower Upper

91 100

126 33.1 0.0 64.2



#76

1,3,5-Trimethylbenzene

Concen: 5.099 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX039013.D

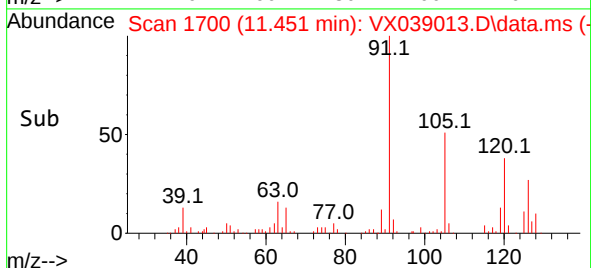
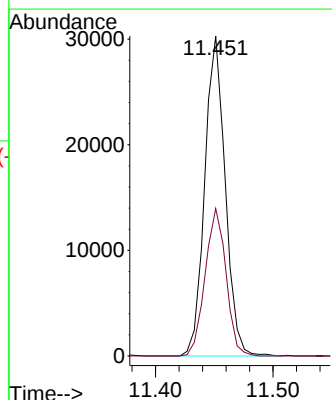
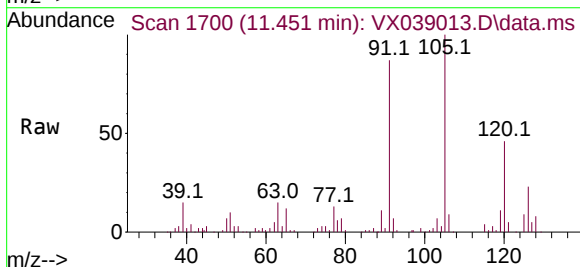
Acq: 24 Nov 2023 09:22

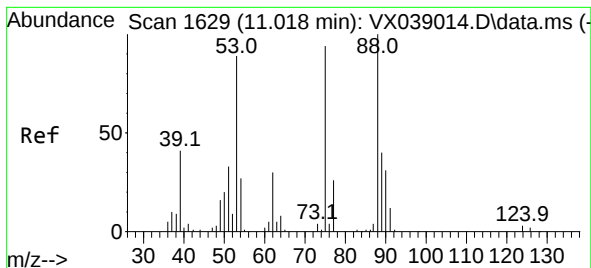
Tgt Ion: 105 Resp: 36667

Ion Ratio Lower Upper

105 100

120 46.9 0.0 92.6

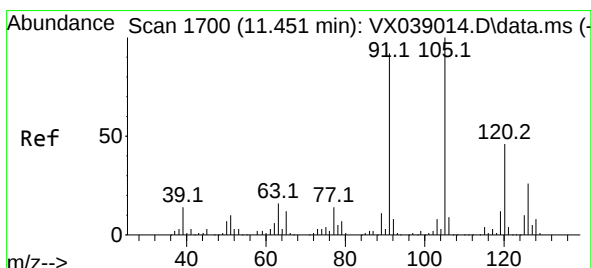
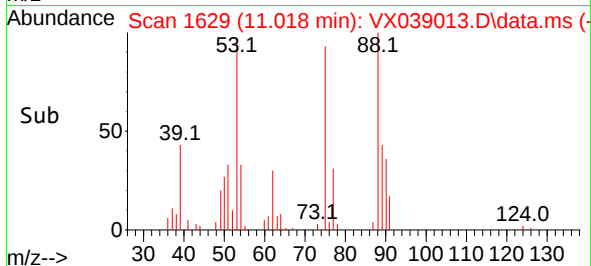
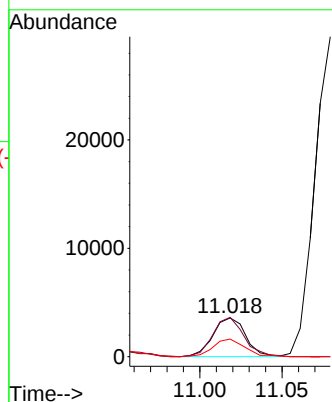
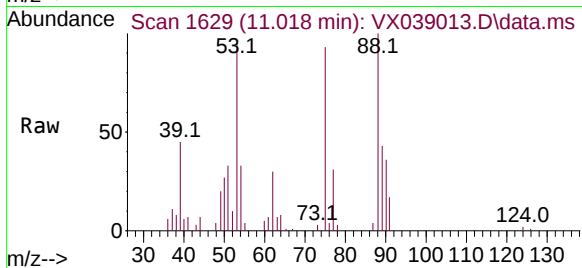




#77
t-1,4-Dichloro-2-butene
Concen: 4.738 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

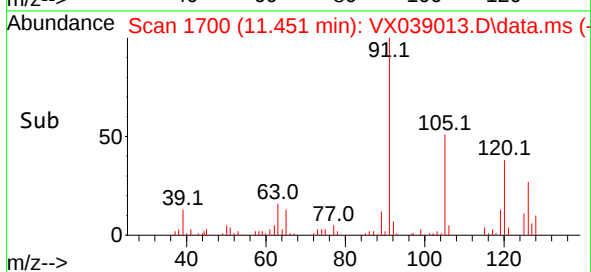
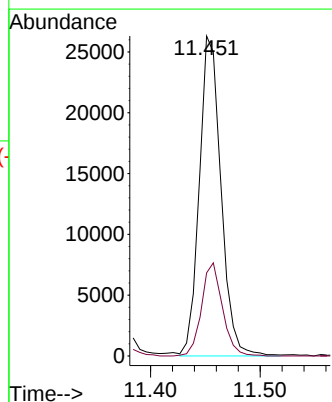
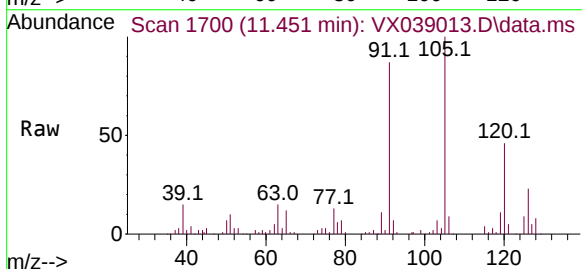
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

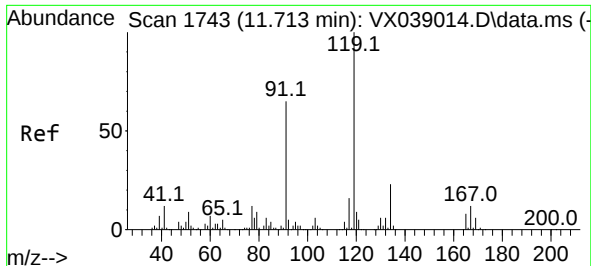
Tgt Ion: 75 Resp: 4951
Ion Ratio Lower Upper
75 100
53 101.7 46.9 140.8
89 45.5 21.3 63.7



#78
4-Chlorotoluene
Concen: 5.126 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 91 Resp: 36162
Ion Ratio Lower Upper
91 100
126 28.0 0.0 57.4





#79

tert-butylbenzene

Concen: 5.273 ug/l

RT: 11.713 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

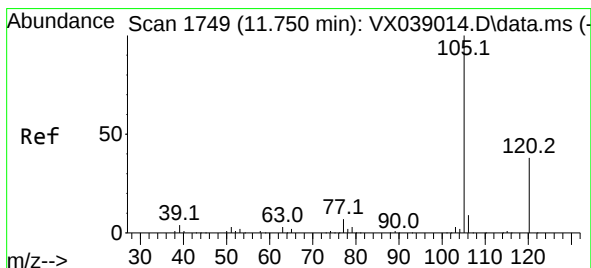
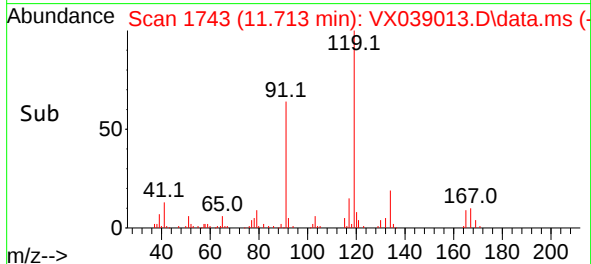
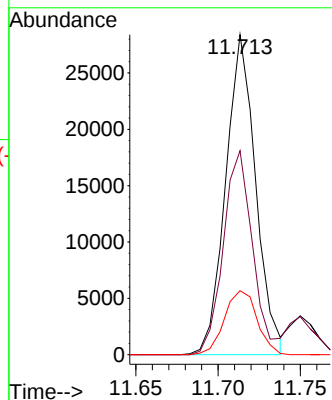
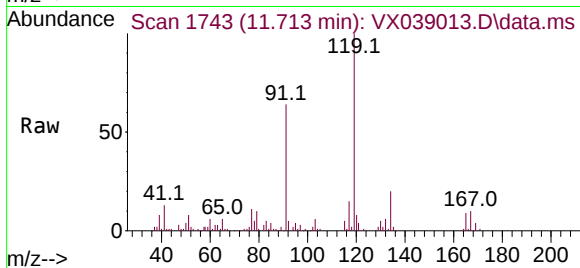
Tgt Ion:119 Resp: 36055

Ion Ratio Lower Upper

119 100

91 61.2 0.0 125.6

134 21.8 0.0 43.8



#80

1,2,4-Trimethylbenzene

Concen: 5.055 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX039013.D

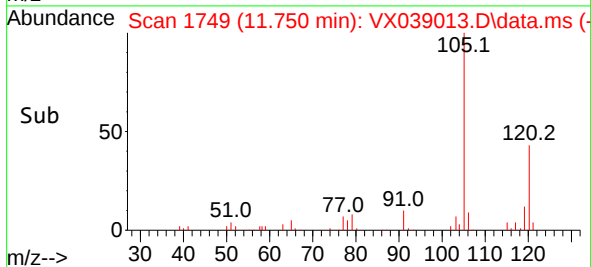
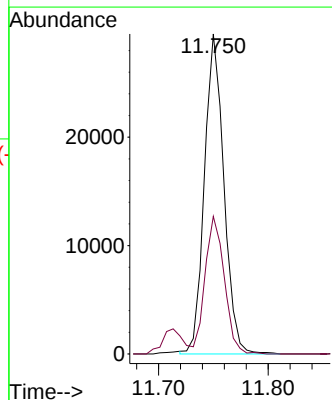
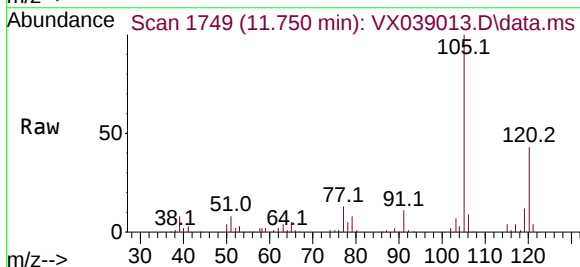
Acq: 24 Nov 2023 09:22

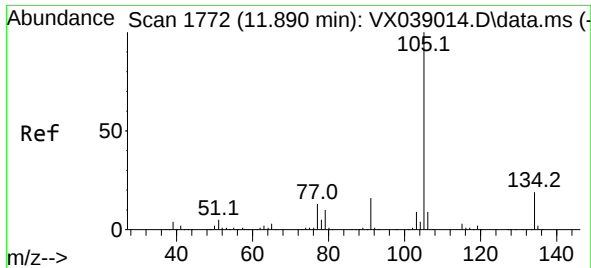
Tgt Ion:105 Resp: 36384

Ion Ratio Lower Upper

105 100

120 42.1 0.0 86.4

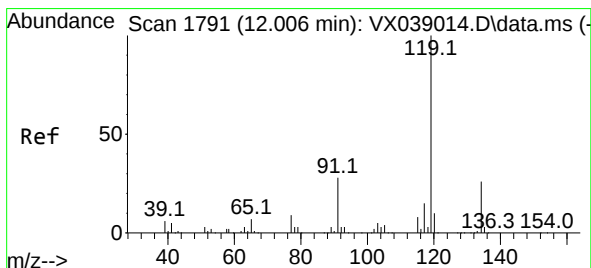
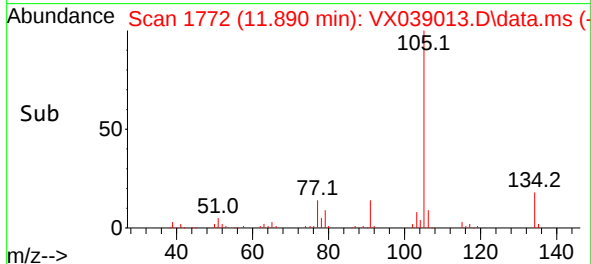
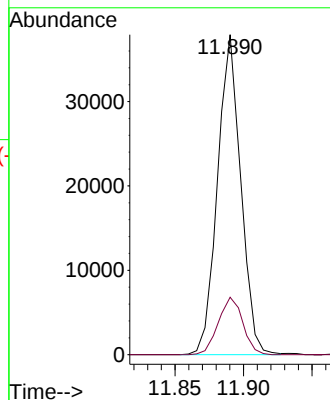
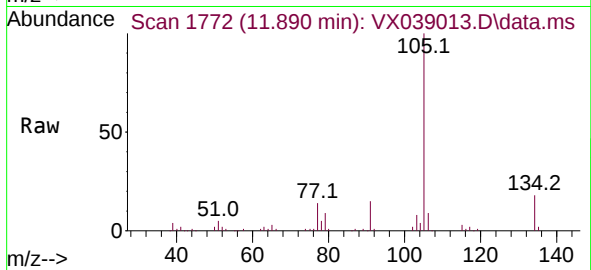




#81
 sec-Butylbenzene
 Concen: 5.170 ug/l
 RT: 11.890 min Scan# 11772
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

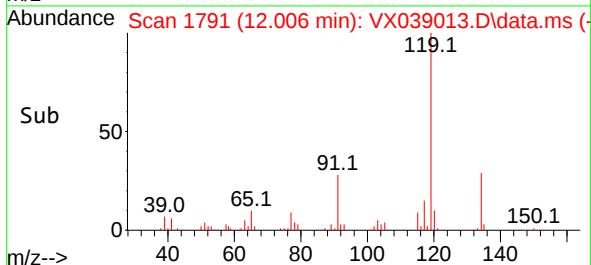
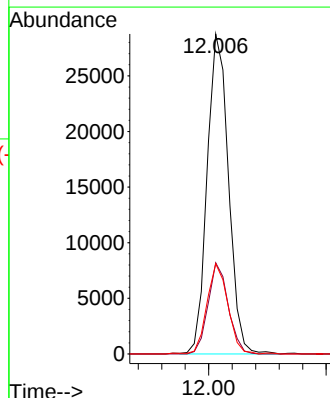
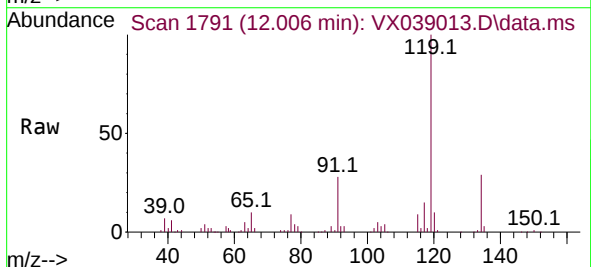
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

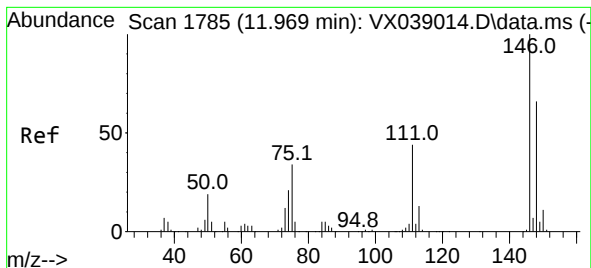
Tgt Ion:105 Resp: 44689
 Ion Ratio Lower Upper
 105 100
 134 18.9 0.0 38.4



#82
 p-Isopropyltoluene
 Concen: 4.956 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

Tgt Ion:119 Resp: 36309
 Ion Ratio Lower Upper
 119 100
 134 26.9 0.0 52.6
 91 27.3 0.0 54.2





#83

1,3-Dichlorobenzene

Concen: 5.113 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

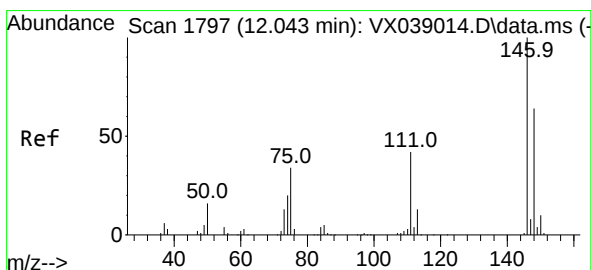
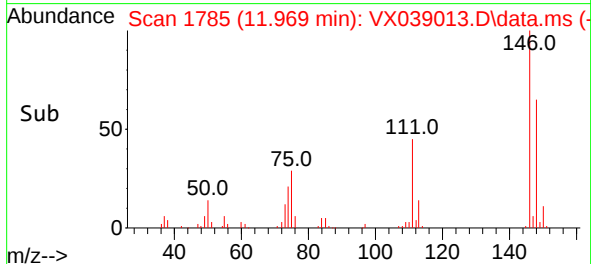
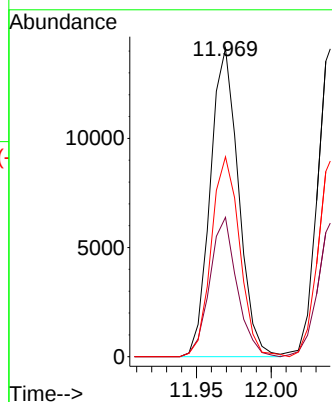
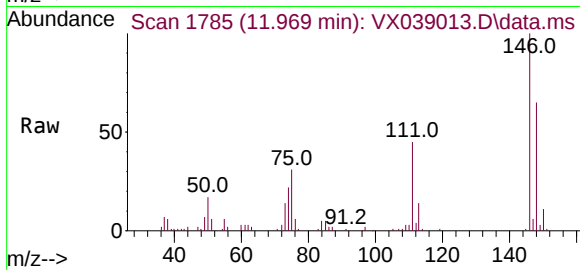
Tgt Ion:146 Resp: 18597

Ion Ratio Lower Upper

146 100

111 43.6 22.3 66.9

148 64.9 32.8 98.3



#84

1,4-Dichlorobenzene

Concen: 5.172 ug/l

RT: 12.043 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

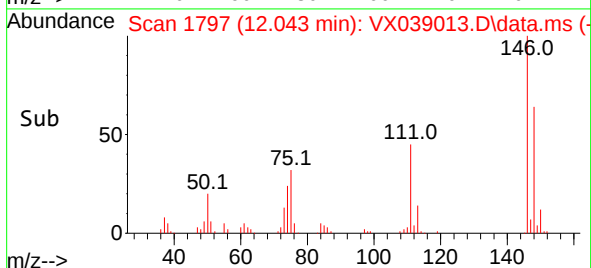
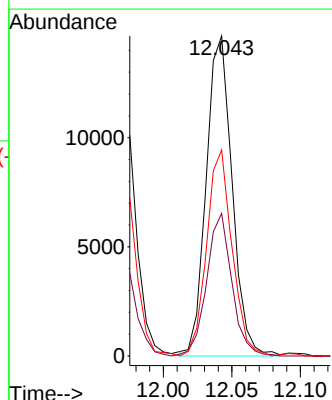
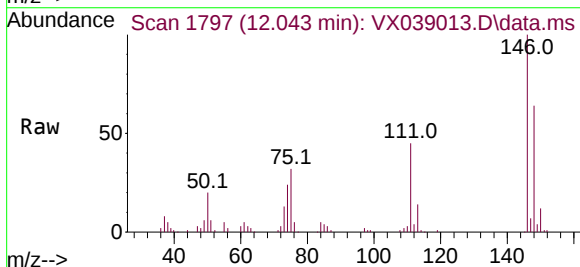
Tgt Ion:146 Resp: 19303

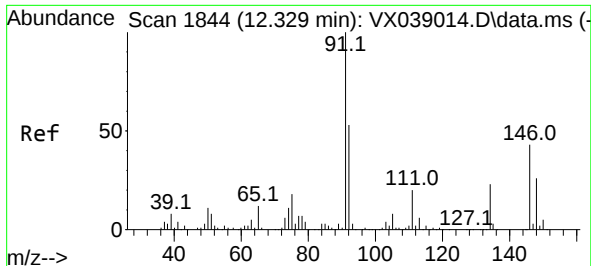
Ion Ratio Lower Upper

146 100

111 43.3 21.4 64.2

148 63.1 31.8 95.4

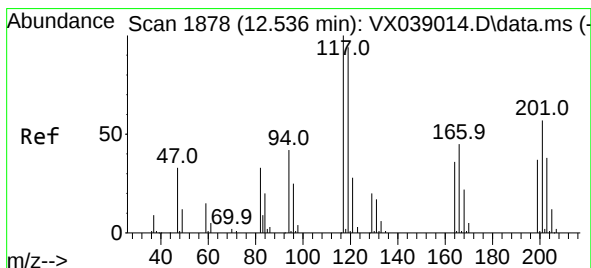
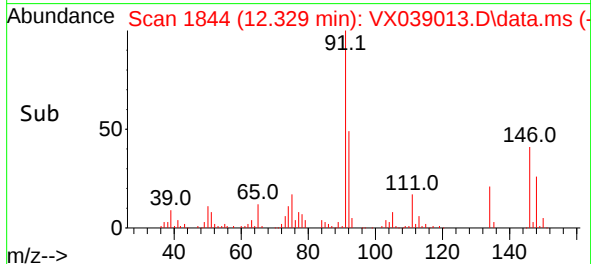
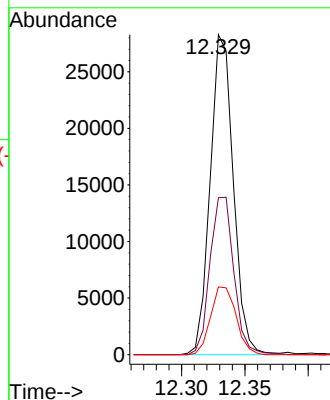
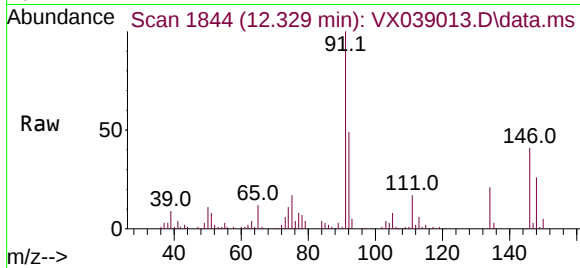




#85
n-Butylbenzene
Concen: 4.978 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

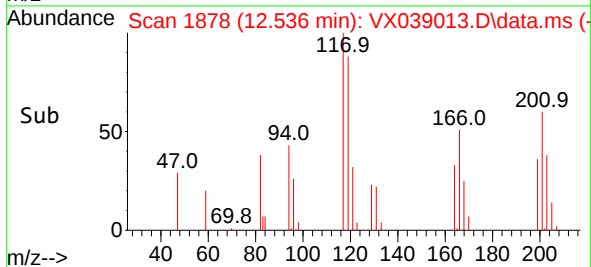
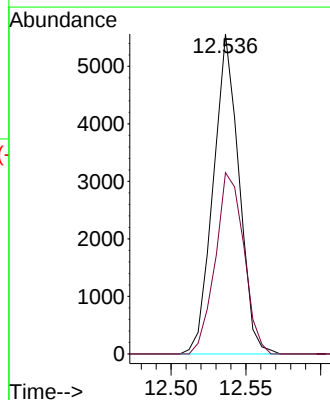
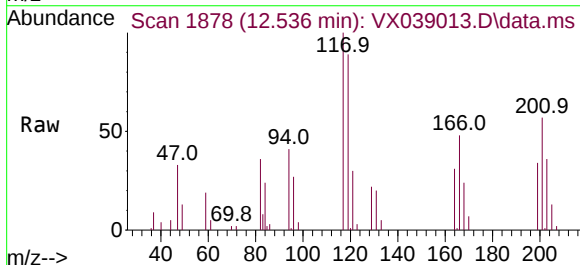
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

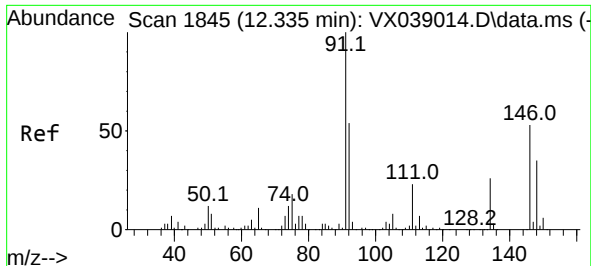
Tgt Ion: 91 Resp: 36015
Ion Ratio Lower Upper
91 100
92 50.9 0.0 106.2
134 23.2 0.0 48.8



#86
Hexachloroethane
Concen: 4.789 ug/l
RT: 12.536 min Scan# 1878
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 117 Resp: 6648
Ion Ratio Lower Upper
117 100
201 62.8 31.8 95.3

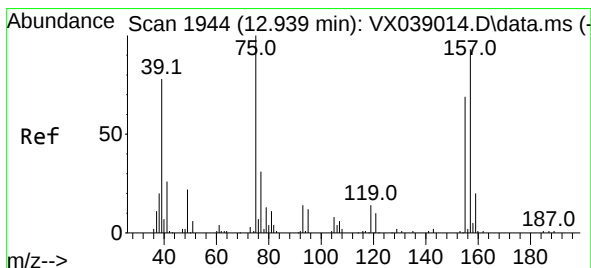
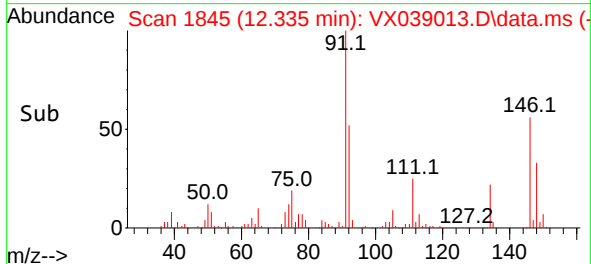
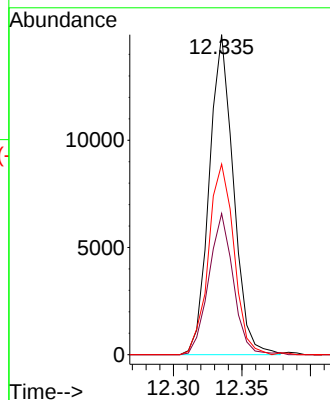
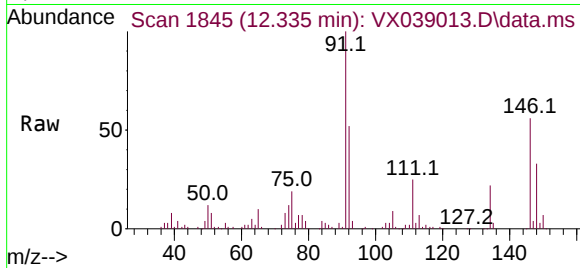




#87
1,2-Dichlorobenzene
Concen: 5.236 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

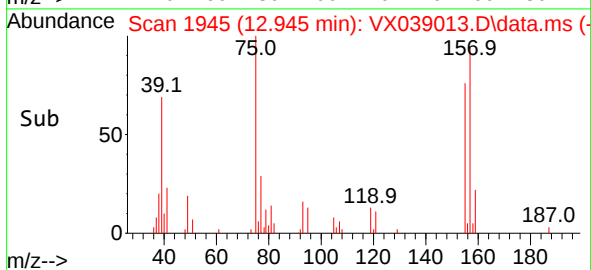
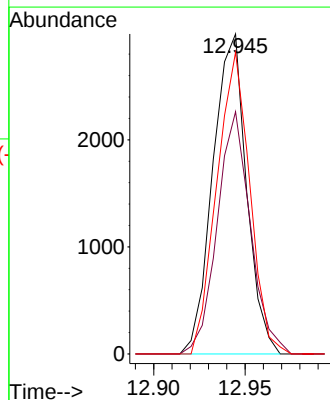
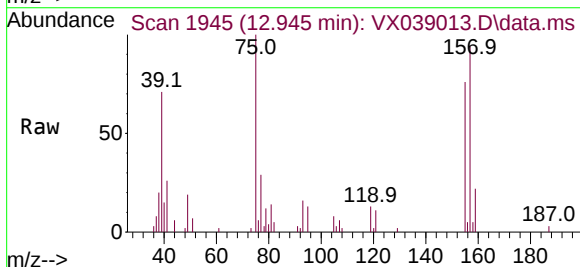
Instrument :
MSVOA_X
ClientSampleId :
VSTDIC005

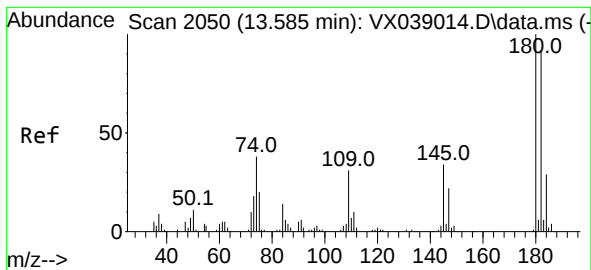
Tgt Ion:146 Resp: 18312
Ion Ratio Lower Upper
146 100
111 44.4 22.4 67.2
148 62.7 31.9 95.7



#88
1,2-Dibromo-3-Chloropropane
Concen: 4.799 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.006 min
Lab File: VX039013.D
Acq: 24 Nov 2023 09:22

Tgt Ion: 75 Resp: 3825
Ion Ratio Lower Upper
75 100
155 74.6 58.2 87.4
157 92.2 76.5 114.7

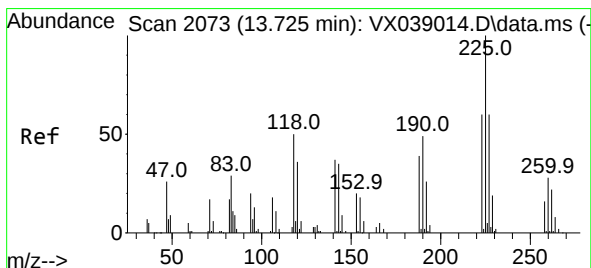
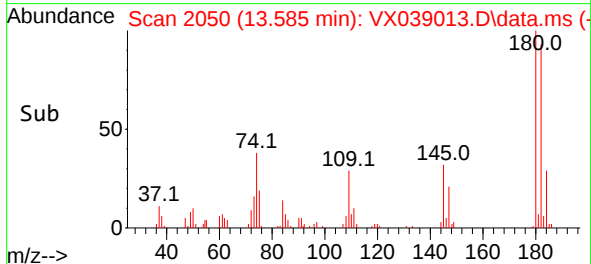
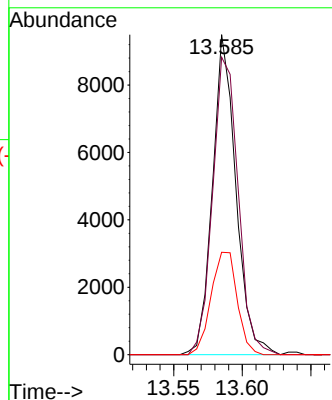
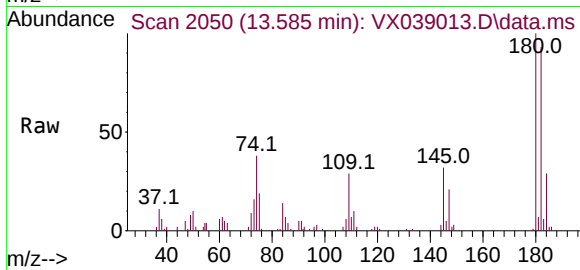




#89
 1,2,4-Trichlorobenzene
 Concen: 4.860 ug/l
 RT: 13.585 min Scan# 2050
 Delta R.T. 0.000 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

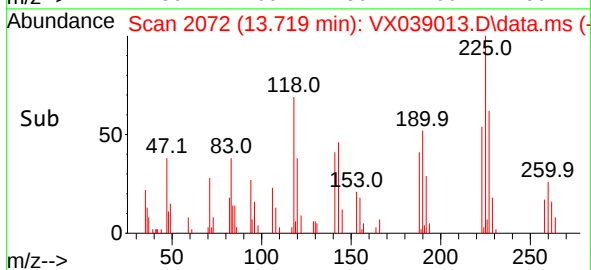
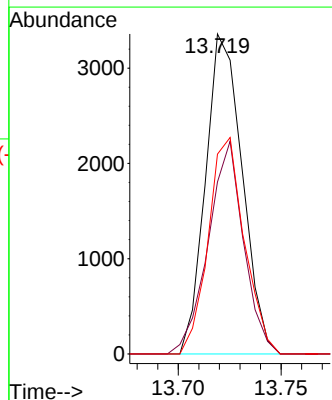
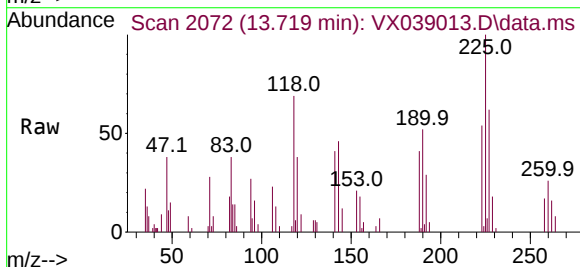
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC005

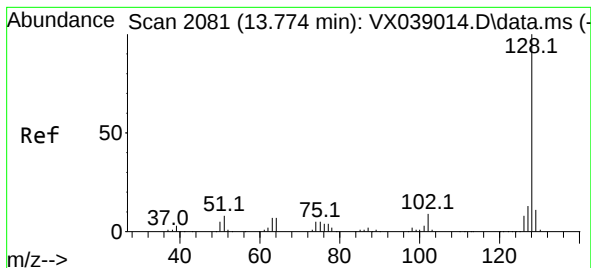
Tgt Ion:180 Resp: 11269
 Ion Ratio Lower Upper
 180 100
 182 101.5 74.5 111.7
 145 35.7 26.6 40.0



#90
 Hexachlorobutadiene
 Concen: 5.039 ug/l
 RT: 13.719 min Scan# 2072
 Delta R.T. -0.006 min
 Lab File: VX039013.D
 Acq: 24 Nov 2023 09:22

Tgt Ion:225 Resp: 4172
 Ion Ratio Lower Upper
 225 100
 223 63.9 0.0 124.4
 227 66.6 0.0 124.4





#91

Naphthalene

Concen: 4.816 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Instrument :

MSVOA_X

ClientSampleId :

VSTDIC005

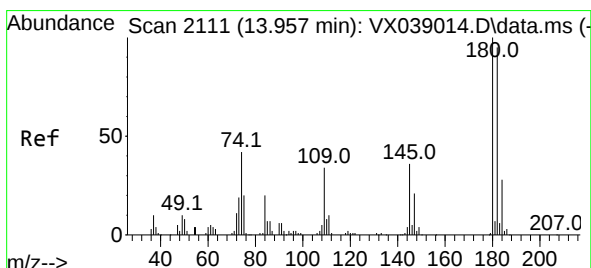
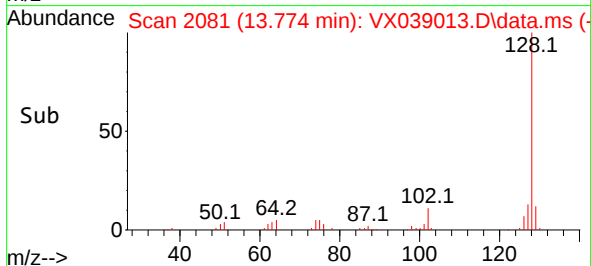
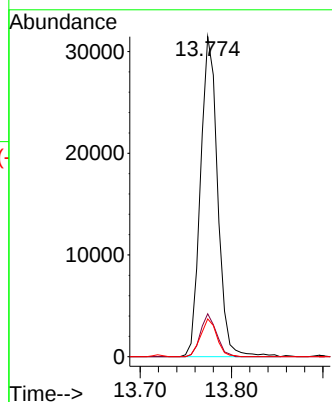
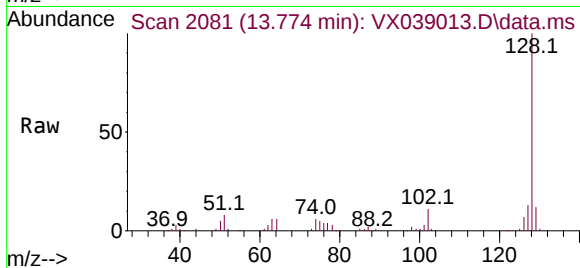
Tgt Ion:128 Resp: 41183

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 11.2 8.6 12.8



#92

1,2,3-Trichlorobenzene

Concen: 5.058 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. 0.006 min

Lab File: VX039013.D

Acq: 24 Nov 2023 09:22

Tgt Ion:180 Resp: 11361

Ion Ratio Lower Upper

180 100

182 92.0 0.0 191.6

145 38.3 0.0 69.6

