

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080322\
 Data File : VY009814.D
 Acq On : 03 Aug 2022 12:12
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC005

Quant Time: Aug 04 00:46:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 00:44:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	41838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	69095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	67606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	32181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2392	5.787	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.580%#		
35) Dibromofluoromethane	7.709	113	2268	5.384	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.760%#		
50) Toluene-d8	10.172	98	7705	5.233	ug/l	0.00
Spiked Amount 50.000	Range 78 - 125		Recovery =	10.460%#		
62) 4-Bromofluorobenzene	12.477	95	2593	4.545	ug/l	0.00
Spiked Amount 50.000	Range 50 - 146		Recovery =	9.100%#		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	2754	6.245	ug/l	99
3) Chloromethane	2.107	50	3706	6.127	ug/l	94
4) Vinyl Chloride	2.247	62	3759	5.927	ug/l #	87
5) Bromomethane	2.643	94	2734	6.362	ug/l	91
6) Chloroethane	2.783	64	2502	6.064	ug/l	93
7) Trichlorofluoromethane	3.113	101	4552	5.384	ug/l	99
8) Diethyl Ether	3.521	74	1306	5.134	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.887	101	2621	5.667	ug/l	95
10) Methyl Iodide	4.082	142	2419m	4.940	ug/l	
11) Tert butyl alcohol	4.942	59	1257m	28.942	ug/l	
12) 1,1-Dichloroethene	3.863	96	2342	5.543	ug/l	98
13) Acrolein	3.728	56	172	29.356	ug/l #	57
14) Allyl chloride	4.472	41	3455	4.873	ug/l	97
15) Acrylonitrile	5.155	53	3325	24.622	ug/l	95
16) Acetone	3.942	43	3482	29.401	ug/l	98
17) Carbon Disulfide	4.180	76	7630	5.794	ug/l	100
18) Methyl Acetate	4.460	43	1917	5.425	ug/l	95
19) Methyl tert-butyl Ether	5.210	73	4951	4.568	ug/l	95
20) Methylene Chloride	4.698	84	6249	8.482	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	2550	5.309	ug/l #	93
22) Diisopropyl ether	6.112	45	7197	4.585	ug/l #	98
23) Vinyl Acetate	6.057	43	21559	21.520	ug/l	98
24) 1,1-Dichloroethane	6.002	63	4372	5.146	ug/l #	88
25) 2-Butanone	6.978	43	5145	26.559	ug/l	93
26) 2,2-Dichloropropane	6.972	77	4601	5.826	ug/l	92
27) cis-1,2-Dichloroethene	6.978	96	2691	5.016	ug/l	89
28) Bromochloromethane	7.331	49	1810	5.465	ug/l #	93
29) Tetrahydrofuran	7.338	42	2868	22.987	ug/l	96
30) Chloroform	7.496	83	4699	5.285	ug/l	98
31) Cyclohexane	7.776	56	4515	5.703	ug/l #	76
32) 1,1,1-Trichloroethane	7.691	97	4019	5.217	ug/l	98
36) 1,1-Dichloropropene	7.905	75	3550	5.079	ug/l	98
37) Ethyl Acetate	7.069	43	2297	5.046	ug/l #	88
38) Carbon Tetrachloride	7.892	117	3759	5.114	ug/l #	87
39) Methylcyclohexane	9.179	83	4089	5.043	ug/l	89
40) Benzene	8.154	78	10886	5.135	ug/l	100

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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	1026m	2.243	ug/l	
42) 1,2-Dichloroethane	8.228	62	3068	5.040	ug/l	96
43) Isopropyl Acetate	8.270	43	3836	4.836	ug/l #	88
44) Trichloroethene	8.935	130	2873	5.085	ug/l	93
45) 1,2-Dichloropropane	9.209	63	2591	4.890	ug/l #	87
46) Dibromomethane	9.301	93	1698	5.199	ug/l	95
47) Bromodichloromethane	9.490	83	4205	5.571	ug/l #	81
48) Methyl methacrylate	9.288	41	1701	4.679	ug/l	93
49) 1,4-Dioxane	9.301	88	249	68.973	ug/l #	58
51) 4-Methyl-2-Pentanone	10.063	43	10322	23.070	ug/l	97
52) Toluene	10.239	92	6789	5.082	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	3437	4.646	ug/l	97
54) cis-1,3-Dichloropropene	9.922	75	4044	4.844	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	2150	4.913	ug/l	93
56) Ethyl methacrylate	10.502	69	2202	4.003	ug/l	95
57) 1,3-Dichloropropane	10.788	76	3661	4.926	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	5444	20.326	ug/l	95
59) 2-Hexanone	10.825	43	6737	21.732	ug/l	99
60) Dibromochloromethane	10.977	129	2610	4.987	ug/l	97
61) 1,2-Dibromoethane	11.081	107	2223	5.206	ug/l	94
64) Tetrachloroethene	10.715	164	2953	5.506	ug/l	98
65) Chlorobenzene	11.514	112	7571	5.155	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	2757	5.060	ug/l	94
67) Ethyl Benzene	11.587	91	11880	4.659	ug/l	100
68) m/p-Xylenes	11.697	106	8992	8.983	ug/l	97
69) o-Xylene	12.026	106	3891	4.350	ug/l	92
70) Styrene	12.044	104	6088	3.979	ug/l	95
71) Bromoform	12.203	173	1517	4.643	ug/l #	97
73) Isopropylbenzene	12.324	105	10008	4.477	ug/l	99
74) N-amyl acetate	12.142	43	2699	3.818	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	2578	5.117	ug/l	97
76) 1,2,3-Trichloropropane	12.629	75	2132m	3.561	ug/l	
77) Bromobenzene	12.605	156	2724	4.854	ug/l	98
78) n-propylbenzene	12.666	91	12343	4.377	ug/l	100
79) 2-Chlorotoluene	12.757	91	7224	4.600	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	8275	4.388	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	788	4.594	ug/l	97
82) 4-Chlorotoluene	12.855	91	7494	4.524	ug/l	97
83) tert-Butylbenzene	13.074	119	6855	4.253	ug/l	96
84) 1,2,4-Trimethylbenzene	13.117	105	7983	4.294	ug/l	99
85) sec-Butylbenzene	13.251	105	10979	4.456	ug/l	96
86) p-Isopropyltoluene	13.367	119	8771	4.389	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	5729	5.195	ug/l	95
88) 1,4-Dichlorobenzene	13.446	146	6108	5.442	ug/l	94
89) n-Butylbenzene	13.696	91	8766	4.480	ug/l	97
90) Hexachloroethane	13.952	117	2187	5.096	ug/l	99
91) 1,2-Dichlorobenzene	13.733	146	5022	4.976	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.355	75	420	5.319	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	2609	4.659	ug/l	97
94) Hexachlorobutadiene	15.111	225	1742	5.311	ug/l	97
95) Naphthalene	15.239	128	4442	3.996	ug/l	98
96) 1,2,3-Trichlorobenzene	15.421	180	2335	4.714	ug/l	91

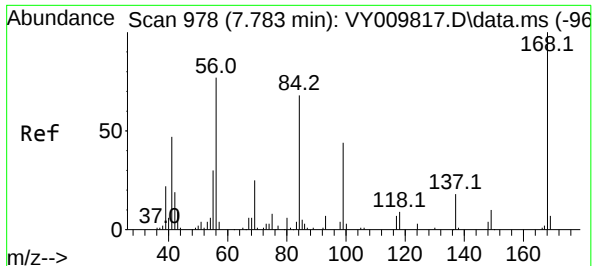
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080322\
Data File : VY009814.D
Acq On : 03 Aug 2022 12:12
Operator : KP/MD
Sample : VSTDICC005
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

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QLast Update : Thu Aug 04 00:44:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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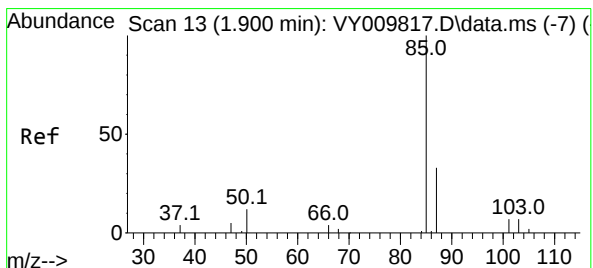
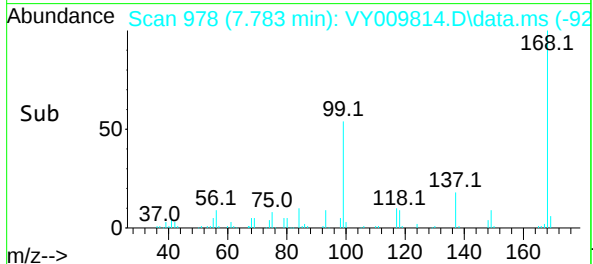
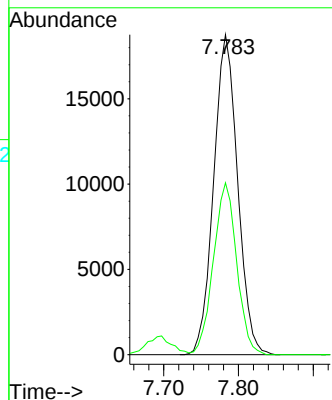
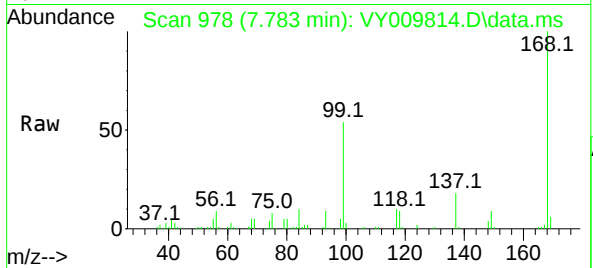
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

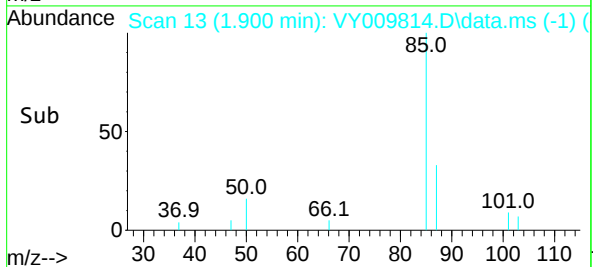
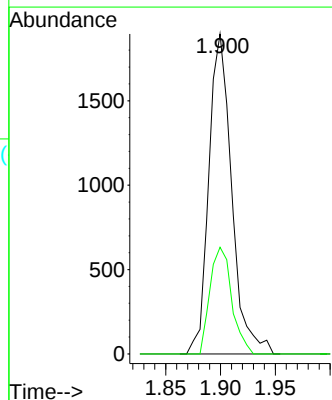
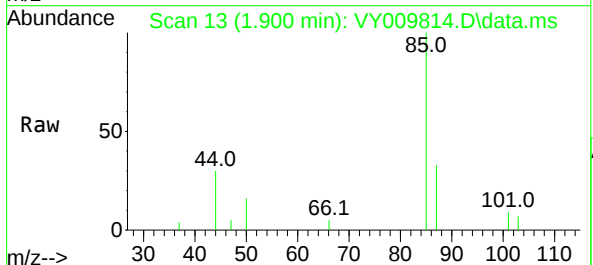
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

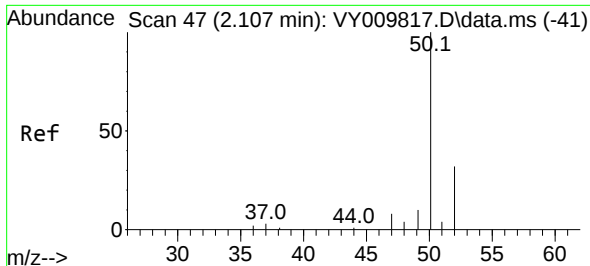
Tgt Ion:168 Resp: 41838
Ion Ratio Lower Upper
168 100
99 53.7 44.7 67.1



#2
Dichlorodifluoromethane
Concen: 6.245 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 85 Resp: 2754
Ion Ratio Lower Upper
85 100
87 33.3 16.4 49.2

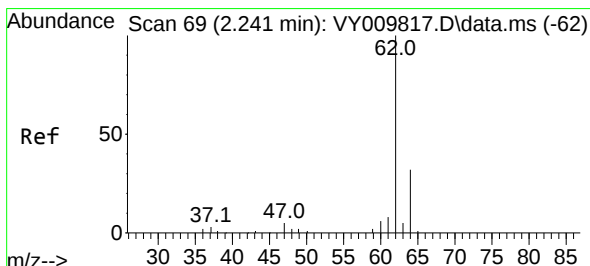
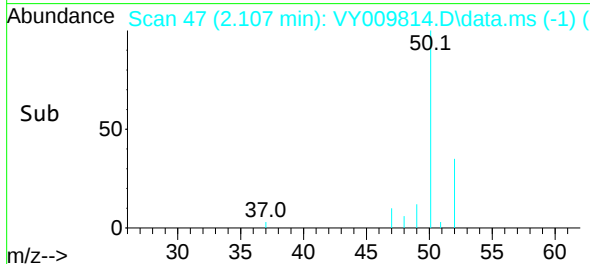
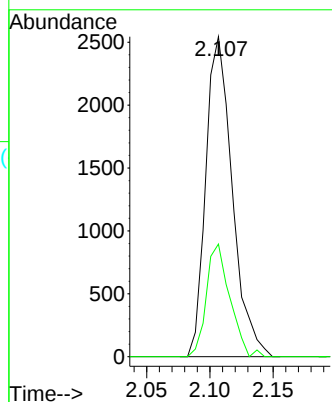
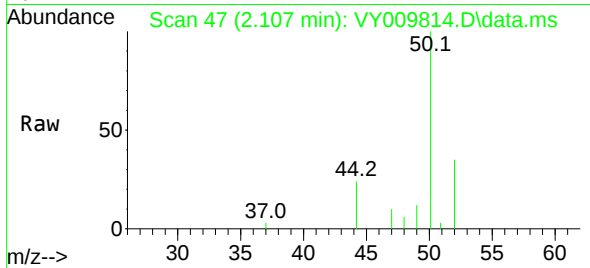




#3
Chloromethane
Concen: 6.127 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

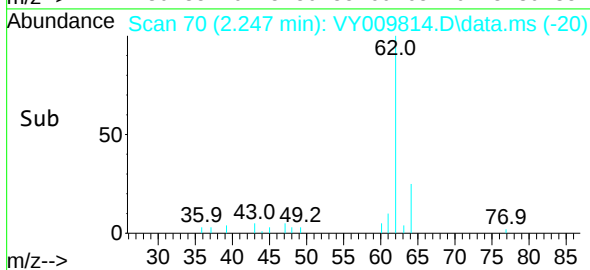
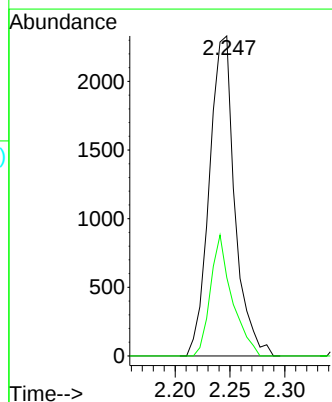
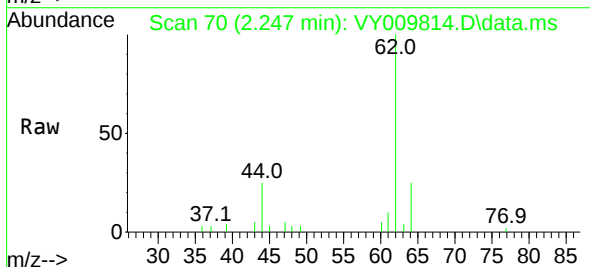
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

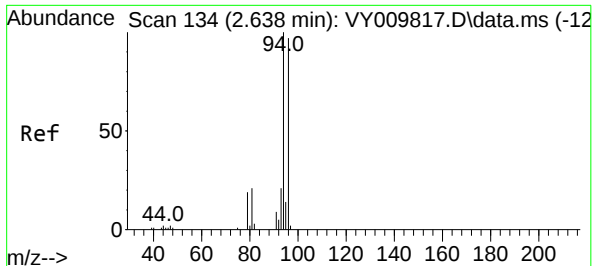
Tgt Ion: 50 Resp: 3706
Ion Ratio Lower Upper
50 100
52 35.2 25.7 38.5



#4
Vinyl Chloride
Concen: 5.927 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 62 Resp: 3759
Ion Ratio Lower Upper
62 100
64 24.5 25.5 38.3#

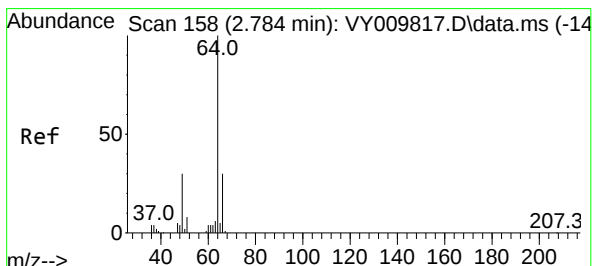
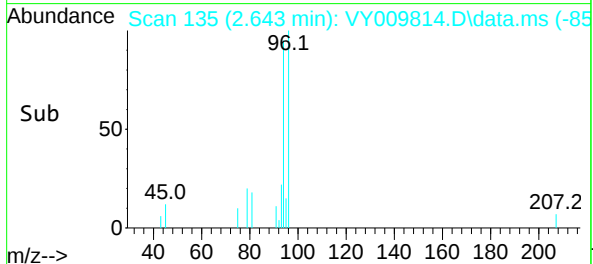
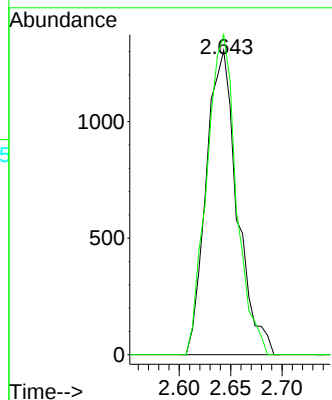
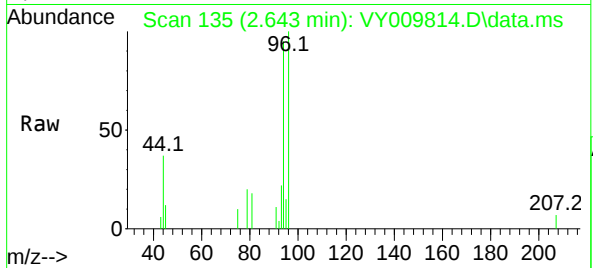




#5
Bromomethane
Concen: 6.362 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

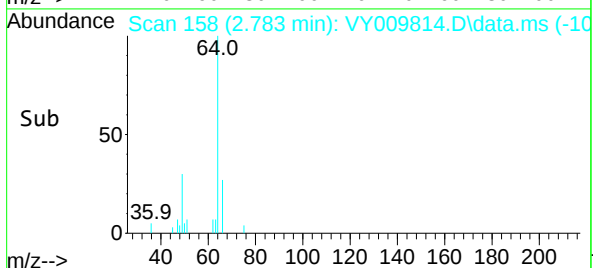
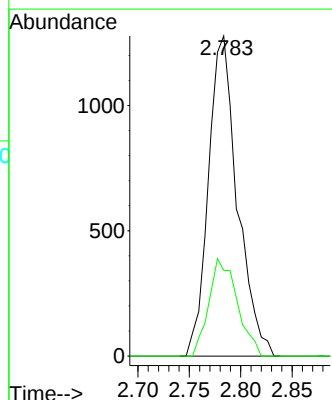
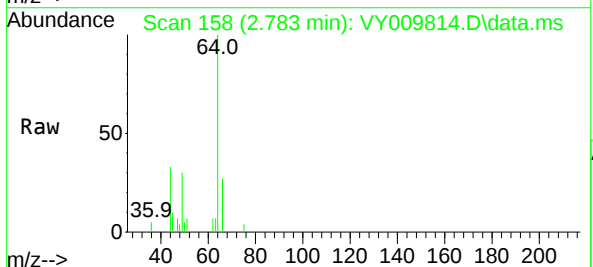
Instrument :
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VSTDIC005

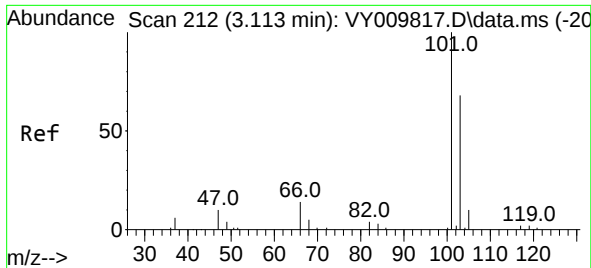
Tgt Ion: 94 Resp: 2734
Ion Ratio Lower Upper
94 100
96 105.2 77.2 115.8



#6
Chloroethane
Concen: 6.064 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 64 Resp: 2502
Ion Ratio Lower Upper
64 100
66 26.8 24.4 36.6

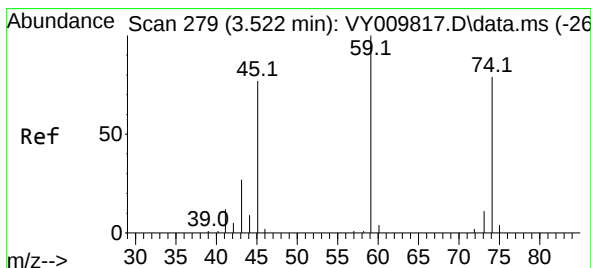
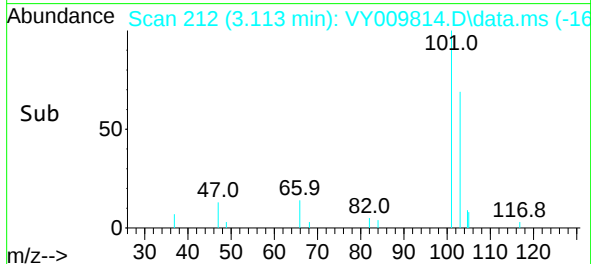
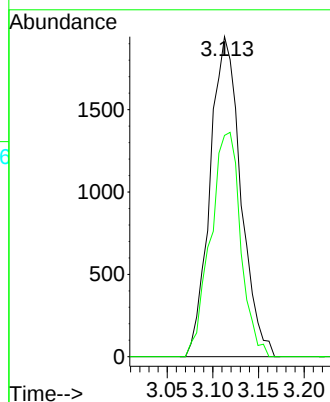
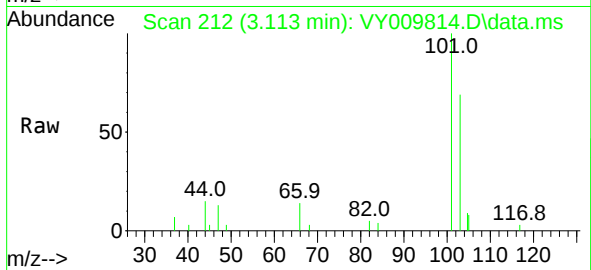




#7
Trichlorofluoromethane
Concen: 5.384 ug/l
RT: 3.113 min Scan# 212
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

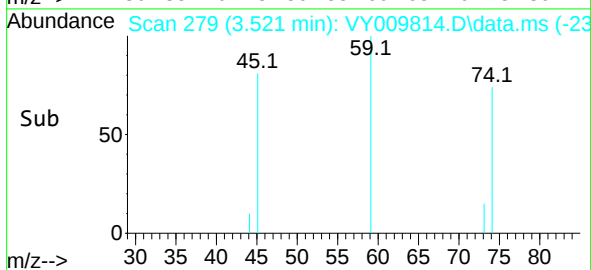
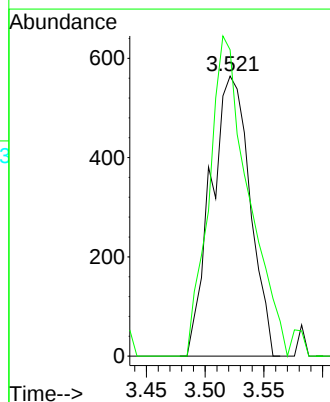
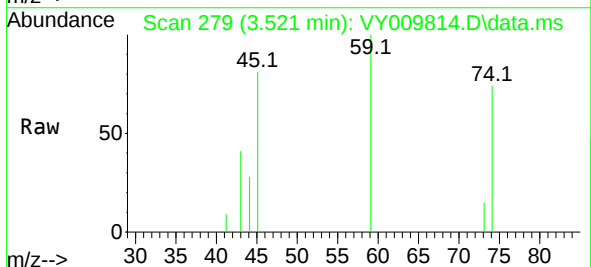
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

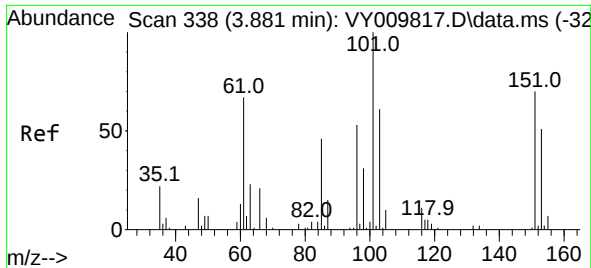
Tgt Ion:101 Resp: 4552
Ion Ratio Lower Upper
101 100
103 69.2 54.4 81.6



#8
Diethyl Ether
Concen: 5.134 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 74 Resp: 1306
Ion Ratio Lower Upper
74 100
45 115.2 52.1 156.3

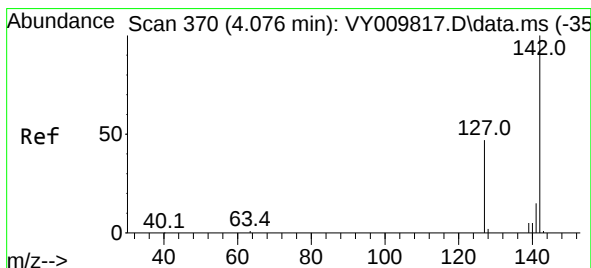
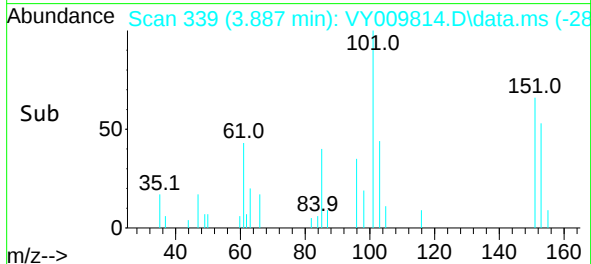
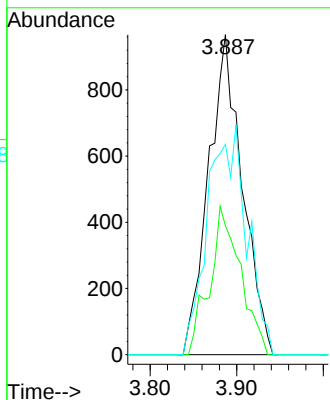
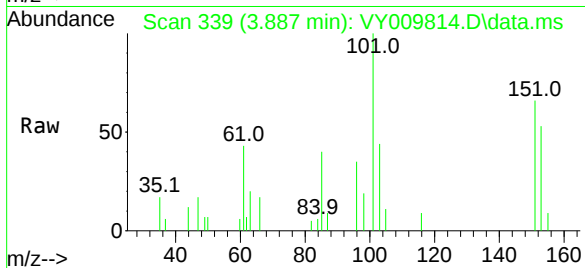




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 5.667 ug/l
 RT: 3.887 min Scan# 311
 Delta R.T. 0.006 min
 Lab File: VY009814.D
 Acq: 03 Aug 2022 12:12

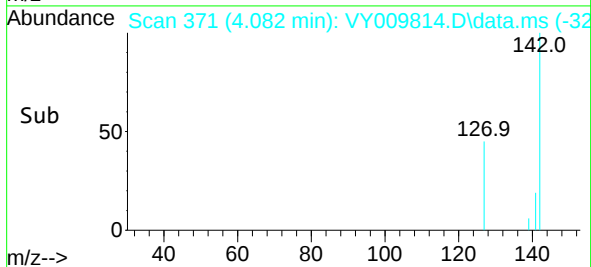
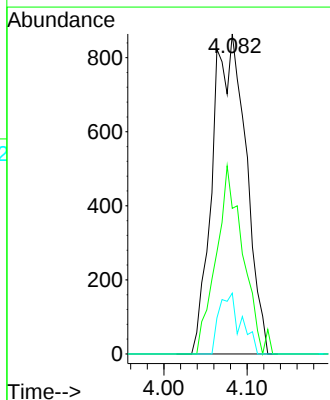
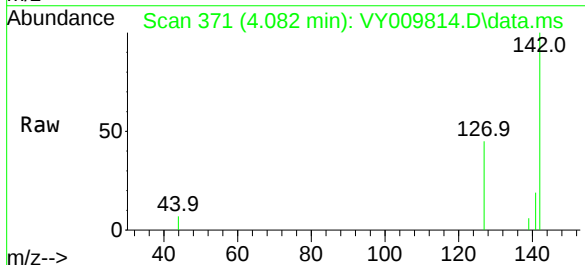
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

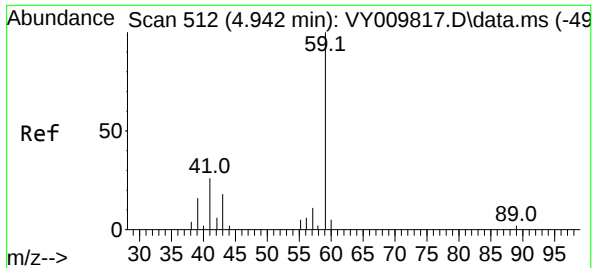
Tgt Ion:101 Resp: 2621
 Ion Ratio Lower Upper
 101 100
 85 42.4 36.1 54.1
 151 82.8 62.1 93.1



#10
 Methyl Iodide
 Concen: 4.940 ug/l m
 RT: 4.082 min Scan# 371
 Delta R.T. 0.006 min
 Lab File: VY009814.D
 Acq: 03 Aug 2022 12:12

Tgt Ion:142 Resp: 2419
 Ion Ratio Lower Upper
 142 100
 127 47.1 36.0 54.0
 141 12.4 12.0 18.0

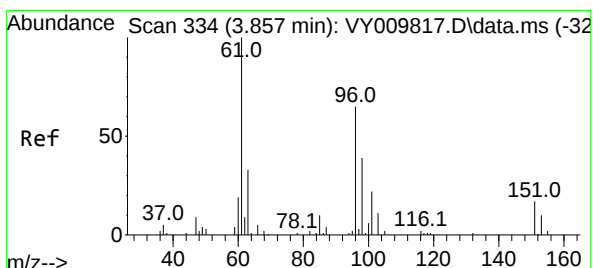
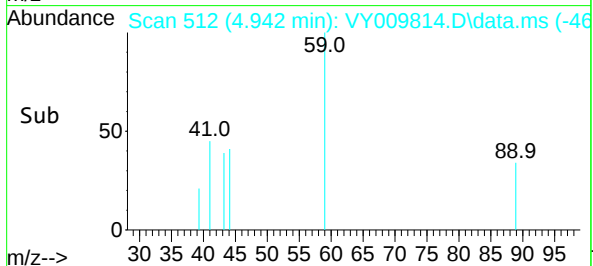
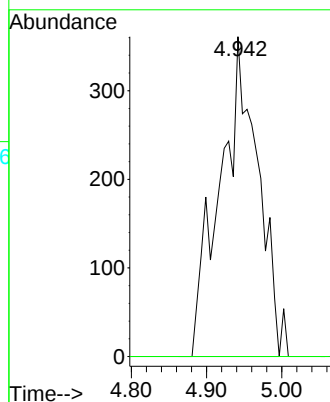
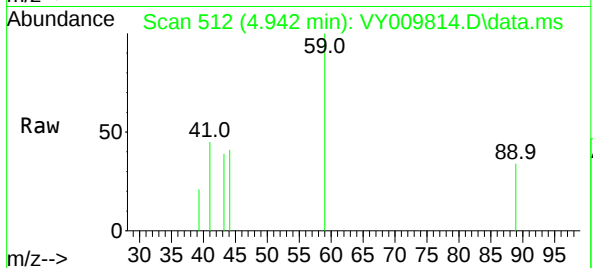




#11
Tert butyl alcohol
Concen: 28.942 ug/l m
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

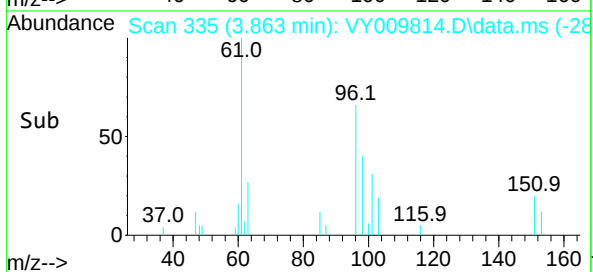
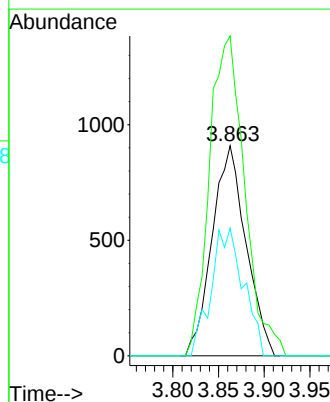
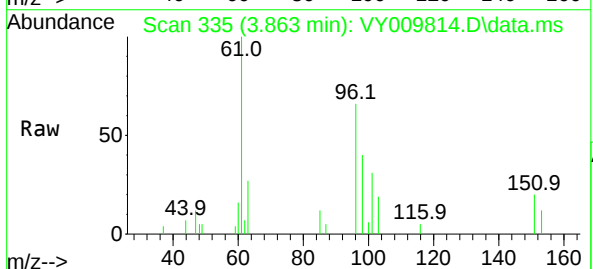
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

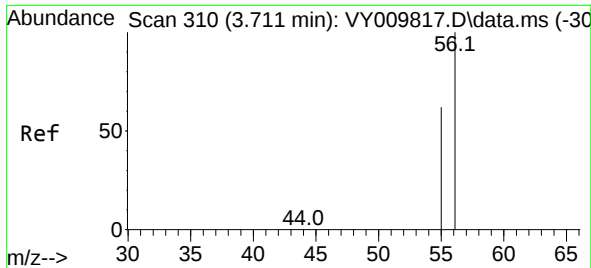
Tgt Ion: 59 Resp: 1257
Ion Ratio Lower Upper
59 100
57 0.0 6.2 9.2#



#12
1,1-Dichloroethene
Concen: 5.543 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 96 Resp: 2342
Ion Ratio Lower Upper
96 100
61 152.3 123.9 185.9
98 60.7 48.2 72.4





#13

Acrolein

Concen: 29.356 ug/l

RT: 3.728 min Scan# 310

Delta R.T. 0.018 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

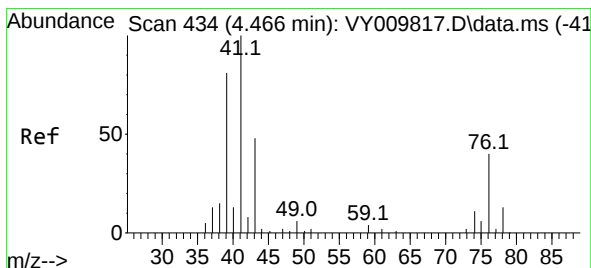
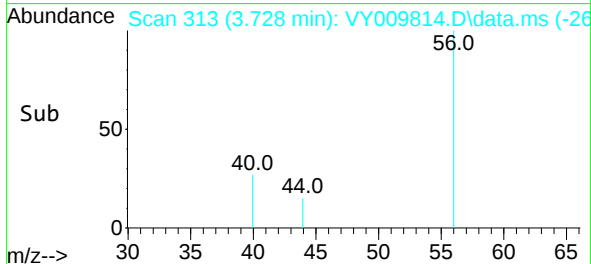
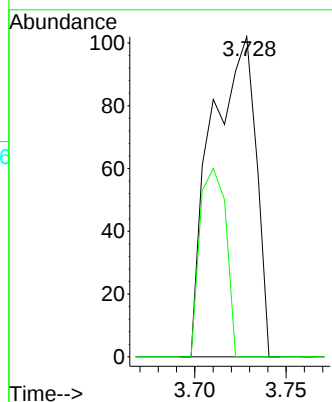
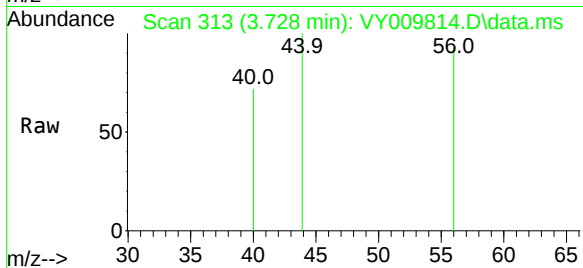
VSTDIC005

Tgt Ion: 56 Resp: 172

Ion Ratio Lower Upper

56 100

55 34.9 56.5 84.7#



#14

Allyl chloride

Concen: 4.873 ug/l

RT: 4.472 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

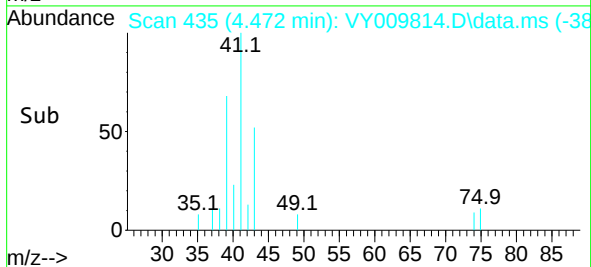
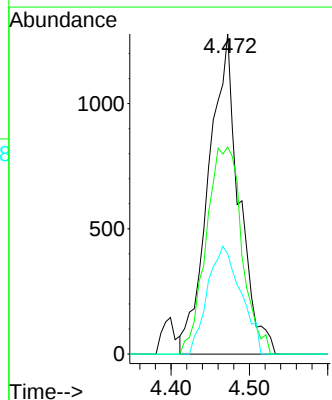
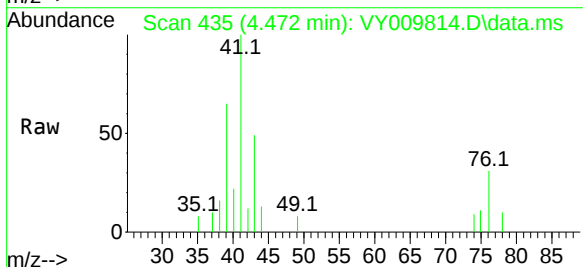
Tgt Ion: 41 Resp: 3455

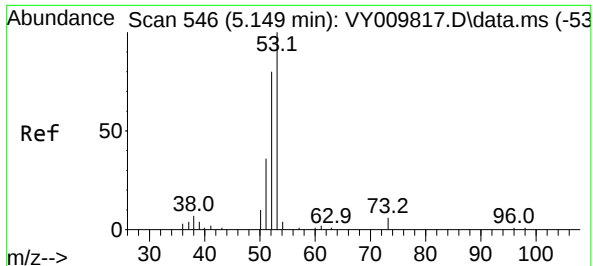
Ion Ratio Lower Upper

41 100

39 75.8 58.1 87.1

76 36.9 28.9 43.3

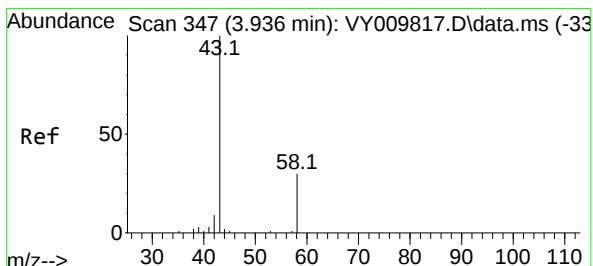
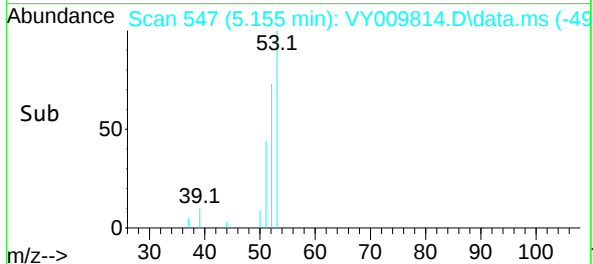
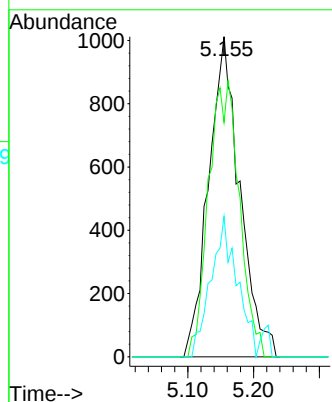
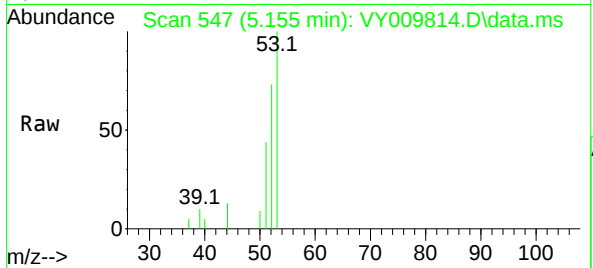




#15
Acrylonitrile
Concen: 24.622 ug/l
RT: 5.155 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

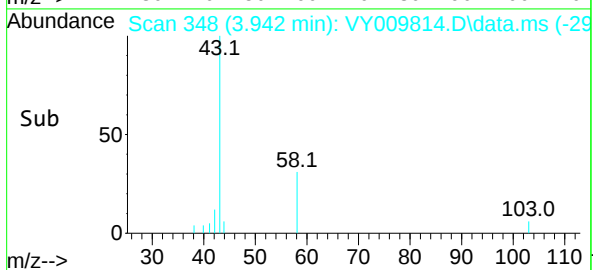
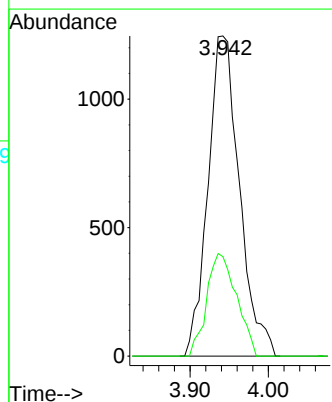
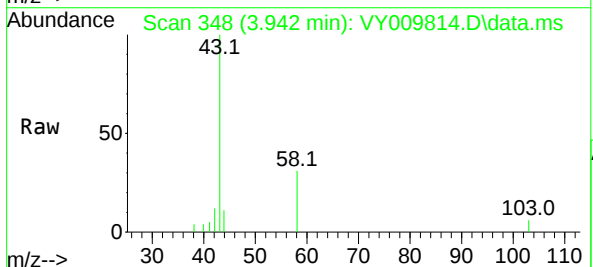
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

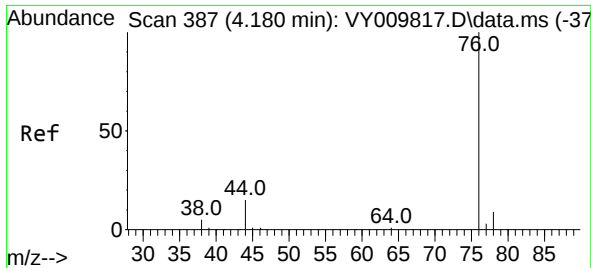
Tgt Ion:	53	Resp:	3325
Ion	Ratio	Lower	Upper
53	100		
52	85.2	64.5	96.7
51	36.9	28.2	42.2



#16
Acetone
Concen: 29.401 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion:	43	Resp:	3482
Ion	Ratio	Lower	Upper
43	100		
58	31.1	24.1	36.1

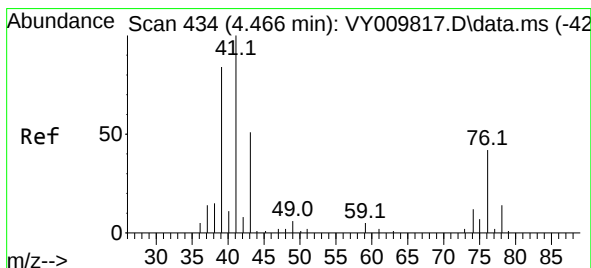
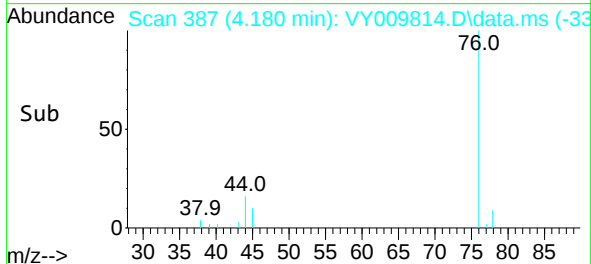
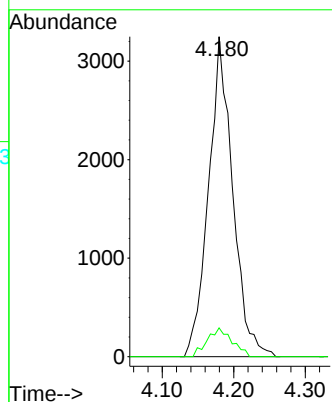
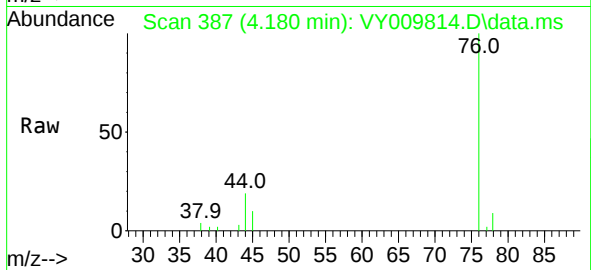




#17
Carbon Disulfide
Concen: 5.794 ug/l
RT: 4.180 min Scan# 387
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

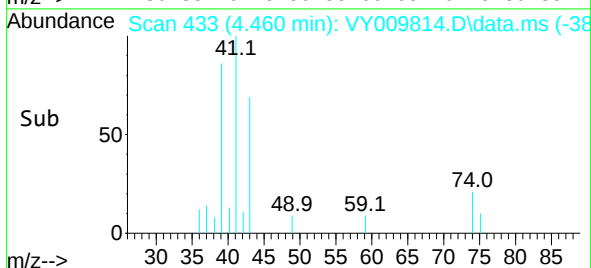
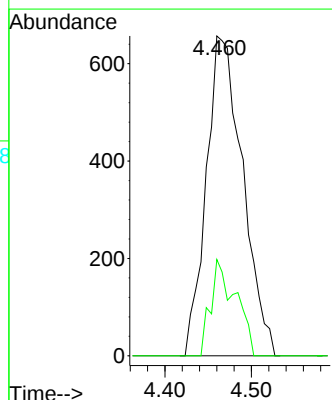
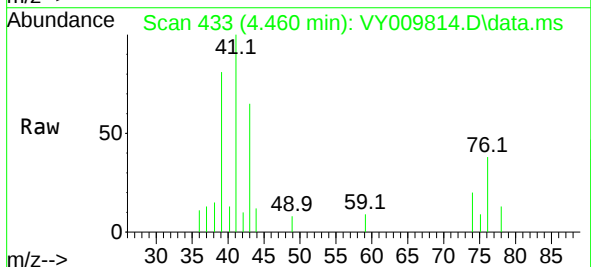
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

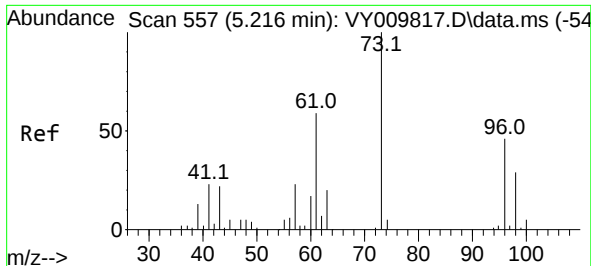
Tgt Ion: 76 Resp: 7630
Ion Ratio Lower Upper
76 100
78 9.0 7.1 10.7



#18
Methyl Acetate
Concen: 5.425 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 43 Resp: 1917
Ion Ratio Lower Upper
43 100
74 20.7 18.6 27.8





#19

Methyl tert-butyl Ether

Concen: 4.568 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

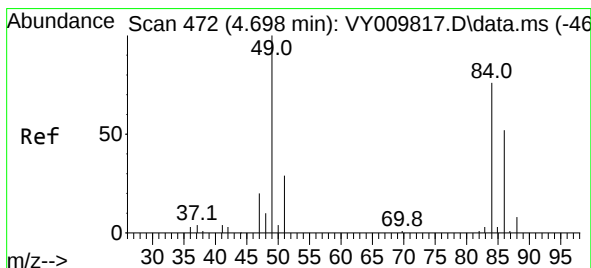
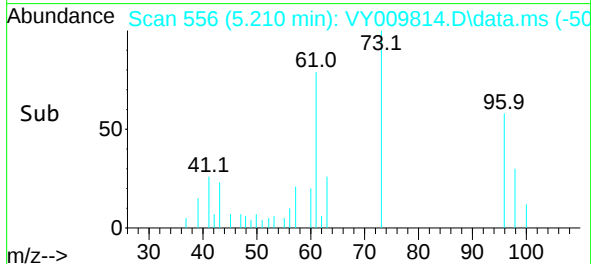
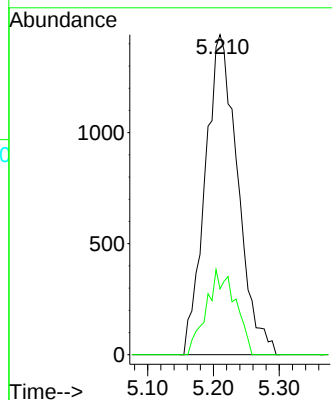
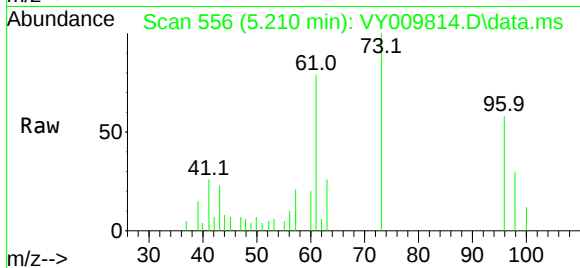
VSTDIC005

Tgt Ion: 73 Resp: 4951

Ion Ratio Lower Upper

73 100

57 20.6 18.3 27.5



#20

Methylene Chloride

Concen: 8.482 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Tgt Ion: 84 Resp: 6249

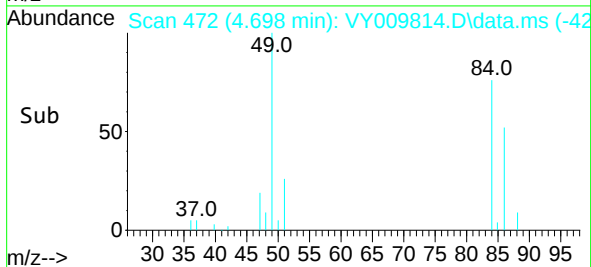
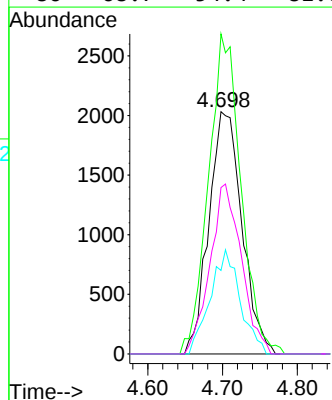
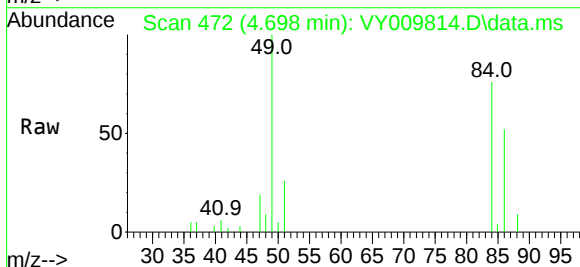
Ion Ratio Lower Upper

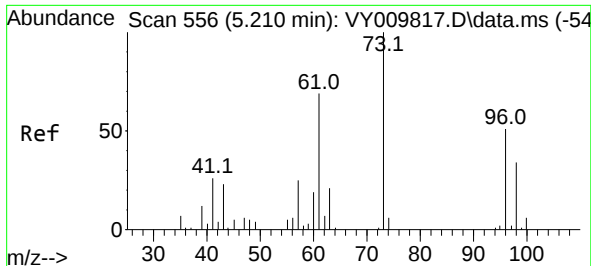
84 100

49 132.1 104.6 156.8

51 34.4 30.9 46.3

86 68.7 54.4 81.6





#21

trans-1,2-Dichloroethene

Concen: 5.309 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

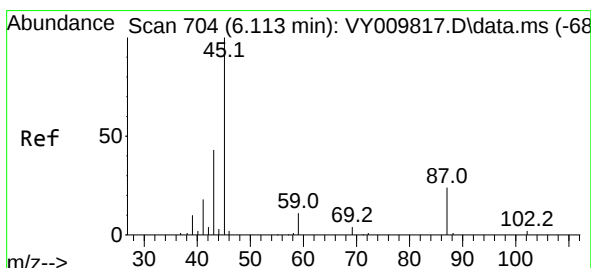
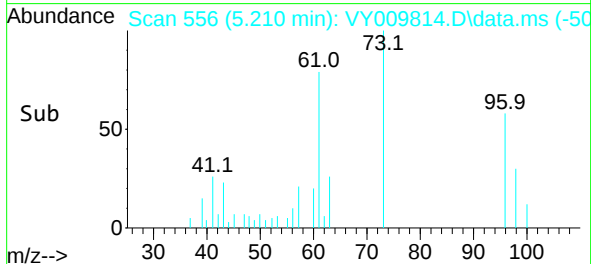
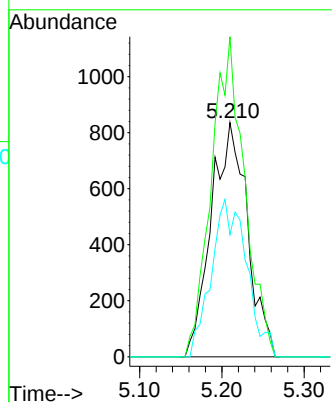
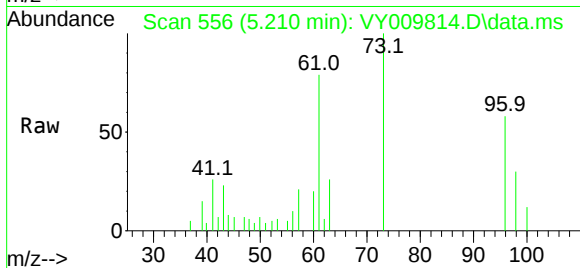
Tgt Ion: 96 Resp: 2550

Ion Ratio Lower Upper

96 100

61 136.7 107.8 161.8

98 52.2 53.1 79.7#



#22

Diisopropyl ether

Concen: 4.585 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Tgt Ion: 45 Resp: 7197

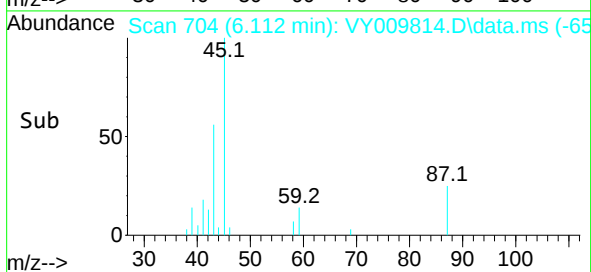
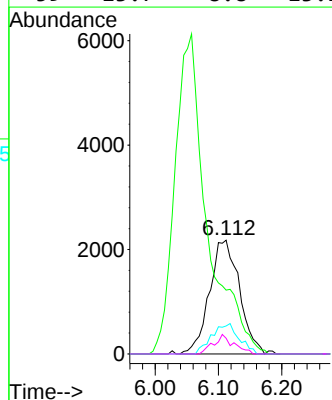
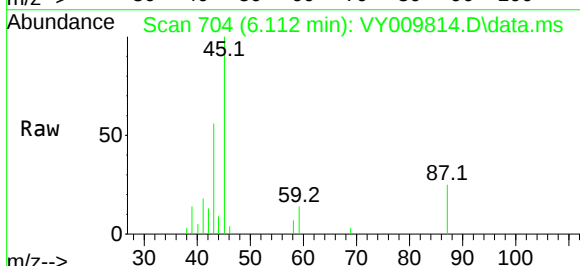
Ion Ratio Lower Upper

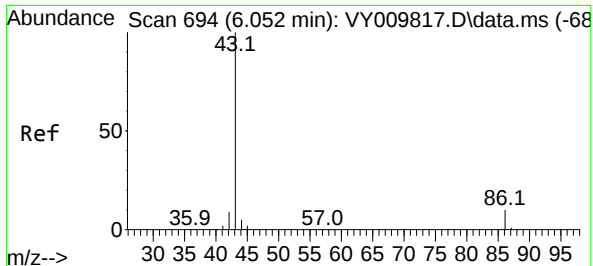
45 100

43 56.1 44.1 66.1

87 24.6 19.8 29.8

59 13.7 8.8 13.2#

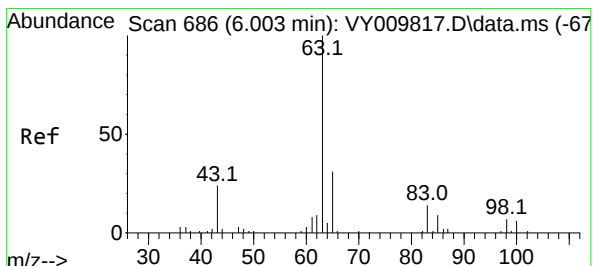
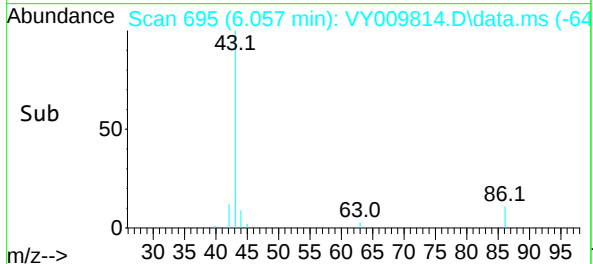
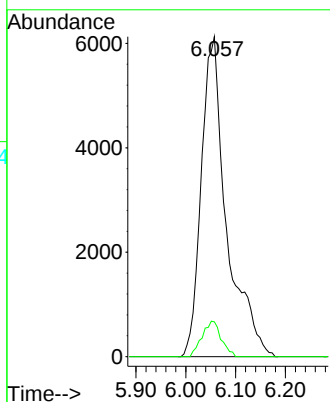
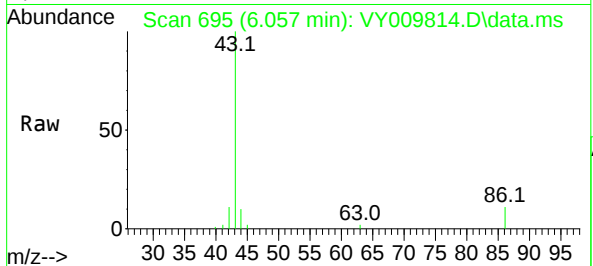




#23
 Vinyl Acetate
 Concen: 21.520 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY009814.D
 Acq: 03 Aug 2022 12:12

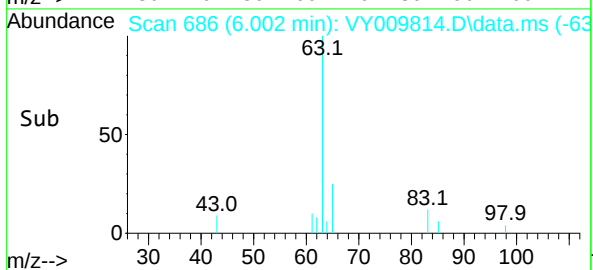
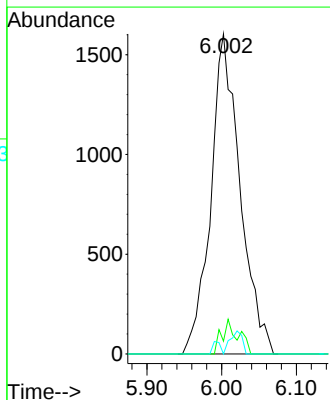
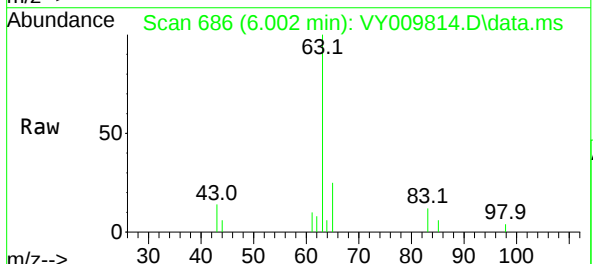
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

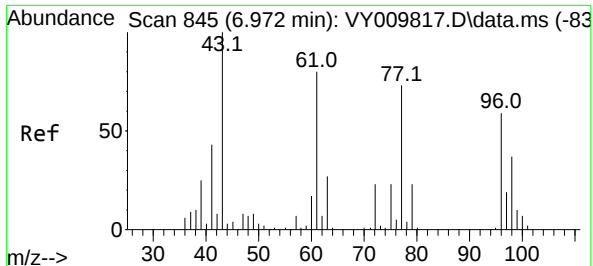
Tgt Ion: 43 Resp: 21559
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.0 12.0



#24
 1,1-Dichloroethane
 Concen: 5.146 ug/l
 RT: 6.002 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY009814.D
 Acq: 03 Aug 2022 12:12

Tgt Ion: 63 Resp: 4372
 Ion Ratio Lower Upper
 63 100
 98 4.0 3.5 10.5
 100 0.0 2.9 8.6#





#25

2-Butanone

Concen: 26.559 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

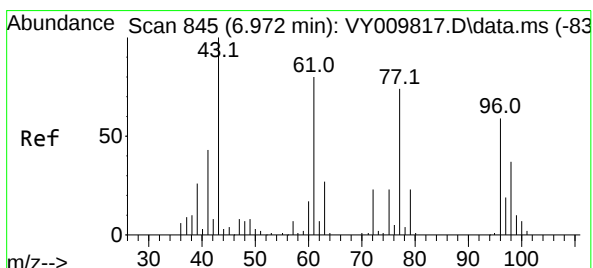
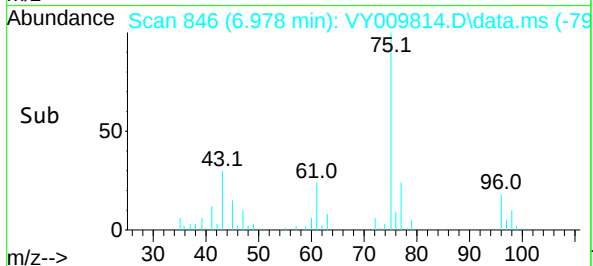
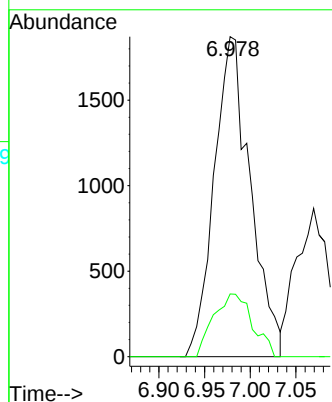
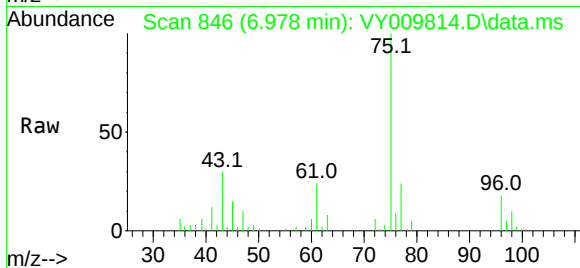
VSTDIC005

Tgt Ion: 43 Resp: 5145

Ion Ratio Lower Upper

43 100

72 19.6 18.2 27.4



#26

2,2-Dichloropropane

Concen: 5.826 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY009814.D

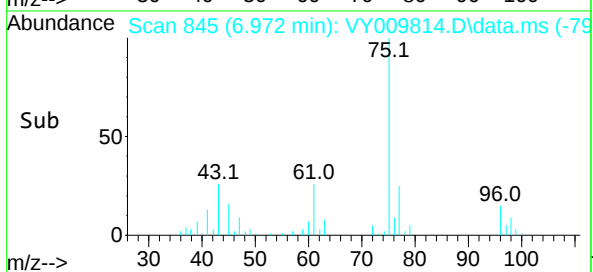
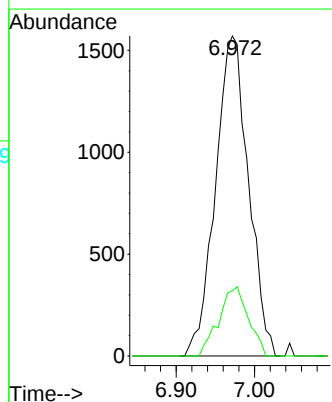
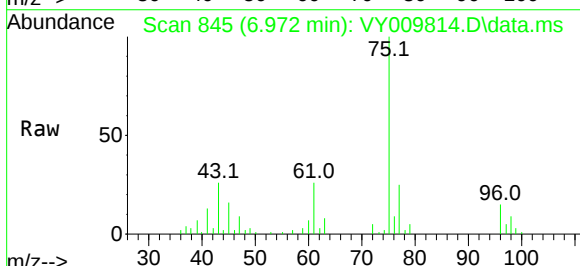
Acq: 03 Aug 2022 12:12

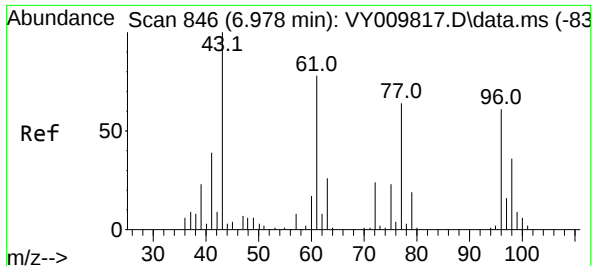
Tgt Ion: 77 Resp: 4601

Ion Ratio Lower Upper

77 100

97 19.3 11.6 34.8

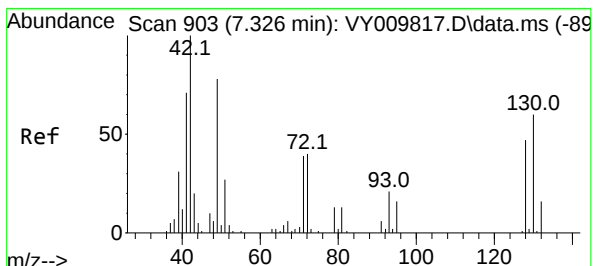
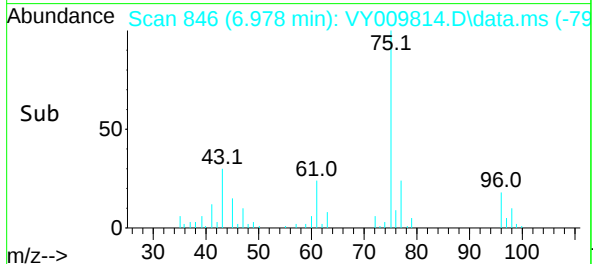
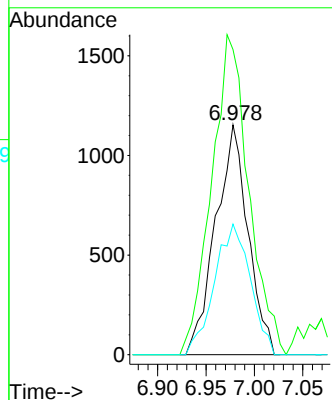
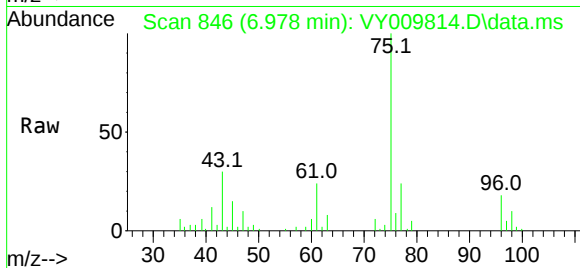




#27
 cis-1,2-Dichloroethene
 Concen: 5.016 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY009814.D
 Acq: 03 Aug 2022 12:12

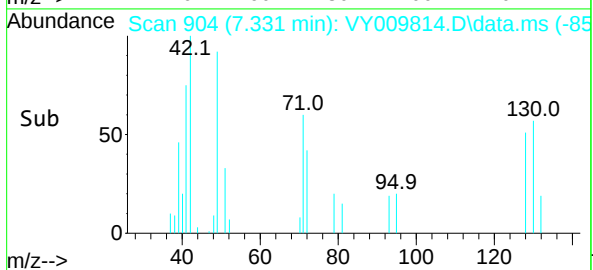
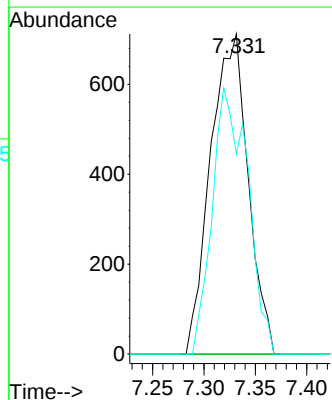
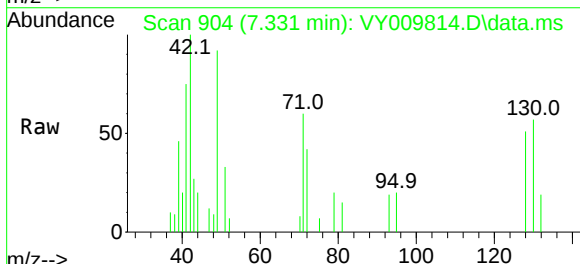
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

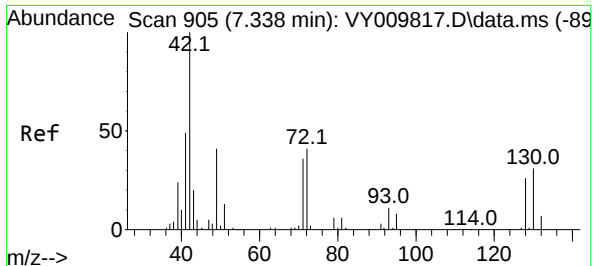
Tgt Ion: 96	Resp: 2691		
Ion Ratio	Lower	Upper	
96	100		
61	159.3	0.0	279.8
98	62.8	0.0	126.8



#28
 Bromochloromethane
 Concen: 5.465 ug/l
 RT: 7.331 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY009814.D
 Acq: 03 Aug 2022 12:12

Tgt Ion: 49	Resp: 1810		
Ion Ratio	Lower	Upper	
49 100			
129 0.0	0.0	3.8	
130 78.7	58.0	87.0	





#29

Tetrahydrofuran

Concen: 22.987 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

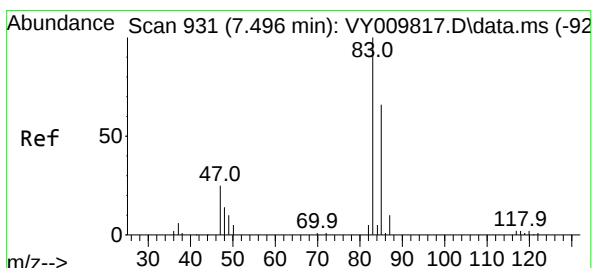
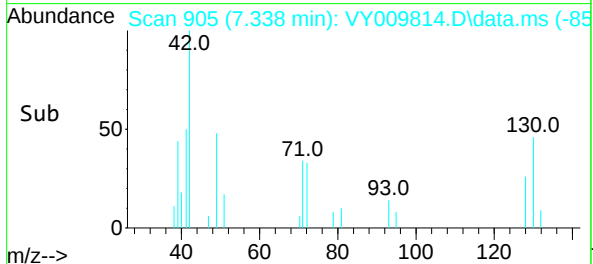
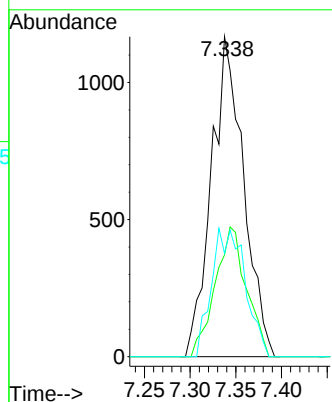
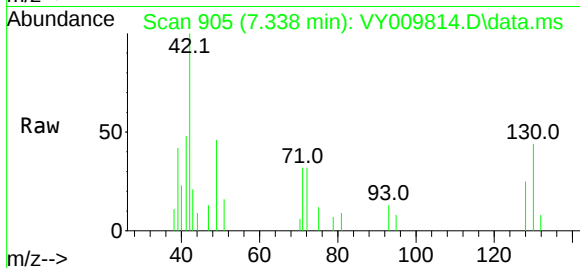
Tgt Ion: 42 Resp: 2868

Ion Ratio Lower Upper

42 100

72 39.3 32.4 48.6

71 41.6 29.9 44.9



#30

Chloroform

Concen: 5.285 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY009814.D

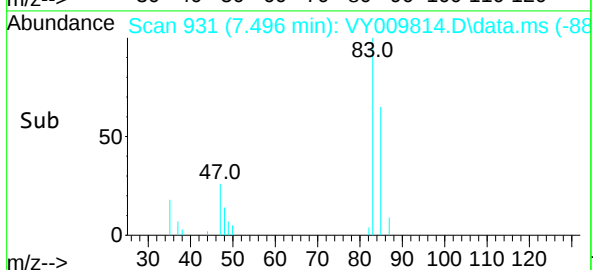
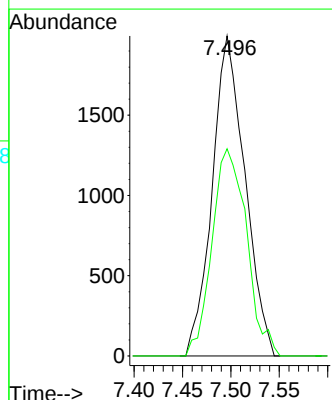
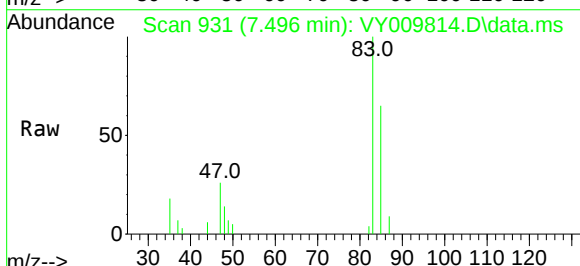
Acq: 03 Aug 2022 12:12

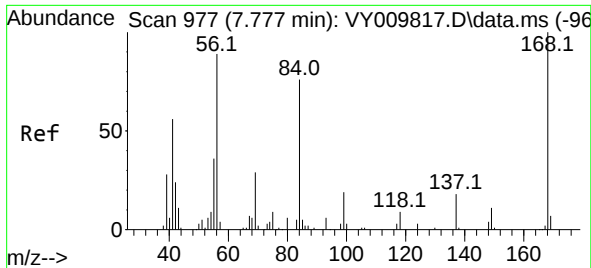
Tgt Ion: 83 Resp: 4699

Ion Ratio Lower Upper

83 100

85 64.7 53.0 79.4

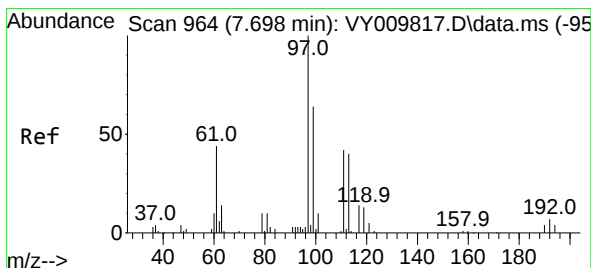
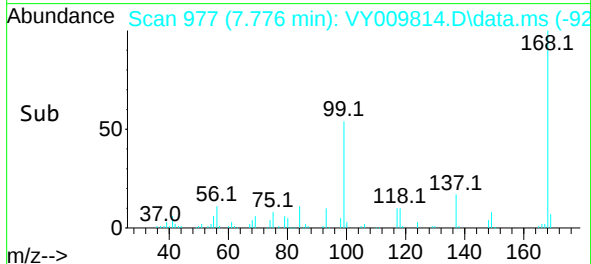
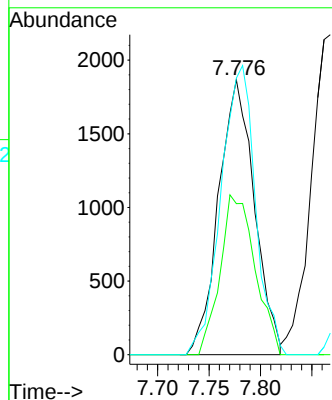
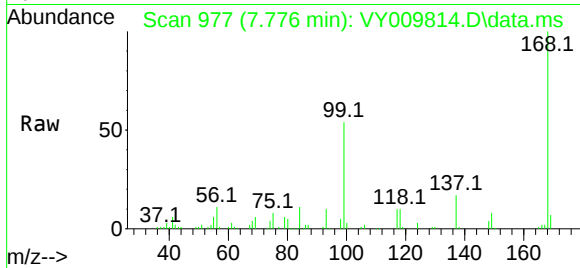




#31
Cyclohexane
Concen: 5.703 ug/l
RT: 7.776 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

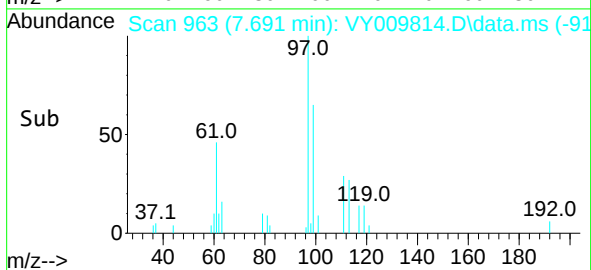
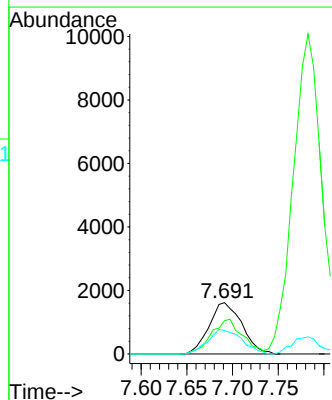
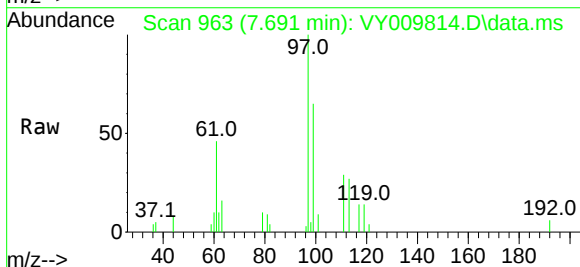
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

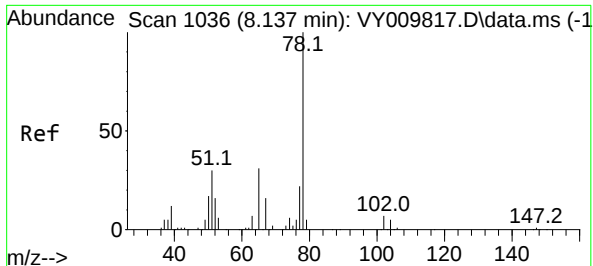
Tgt Ion: 56 Resp: 4515
Ion Ratio Lower Upper
56 100
69 55.0 25.8 38.8#
84 100.5 67.9 101.9



#32
1,1,1-Trichloroethane
Concen: 5.217 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 97 Resp: 4019
Ion Ratio Lower Upper
97 100
99 64.3 51.9 77.9
61 49.3 37.0 55.6





#33

1,2-Dichloroethane-d4

Concen: 5.787 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

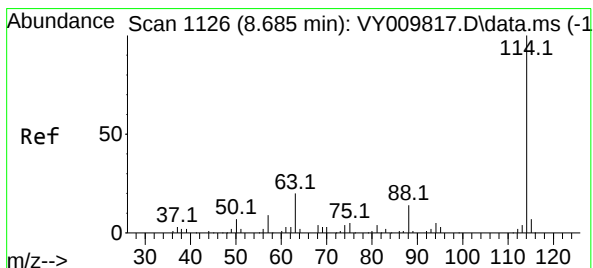
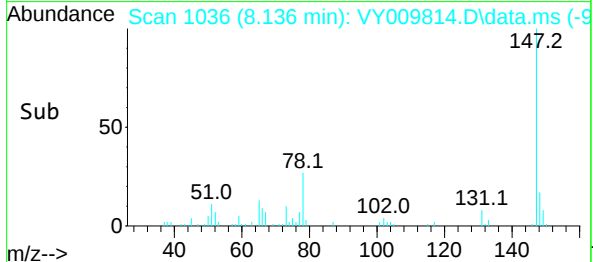
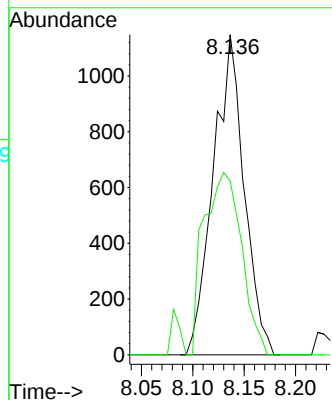
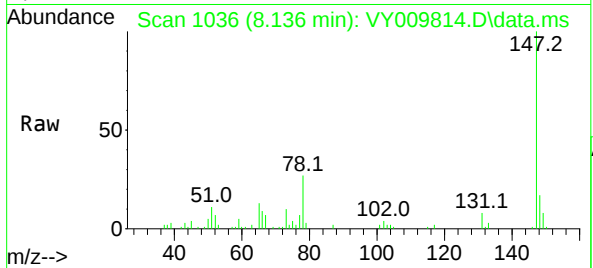
VSTDIC005

Tgt Ion: 65 Resp: 2392

Ion Ratio Lower Upper

65 100

67 70.1 0.0 112.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

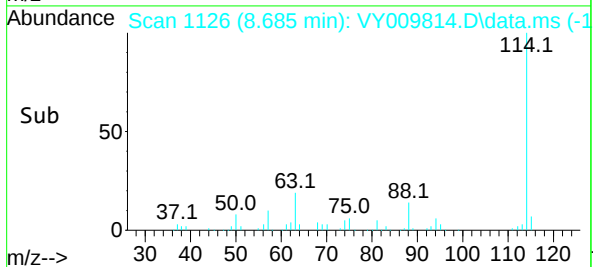
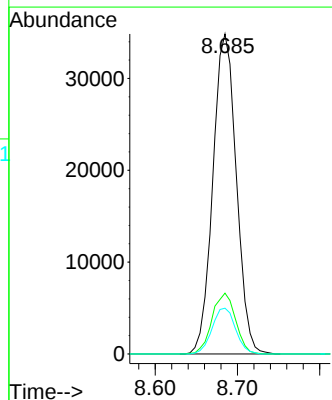
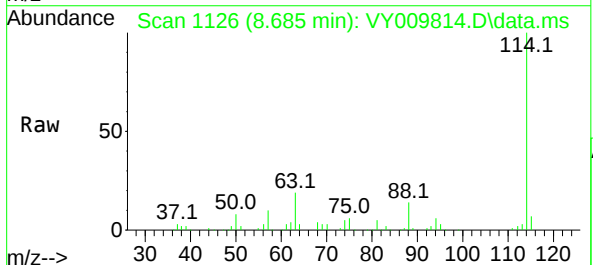
Tgt Ion: 114 Resp: 69095

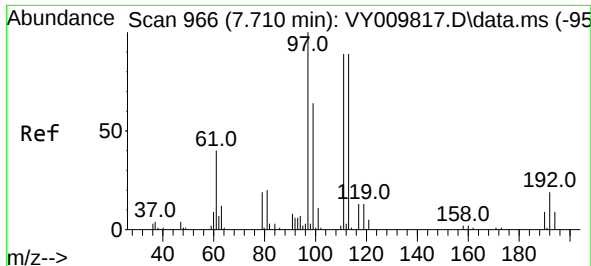
Ion Ratio Lower Upper

114 100

63 19.0 0.0 39.2

88 14.3 0.0 27.6





#35

Dibromofluoromethane

Concen: 5.384 ug/l

RT: 7.709 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

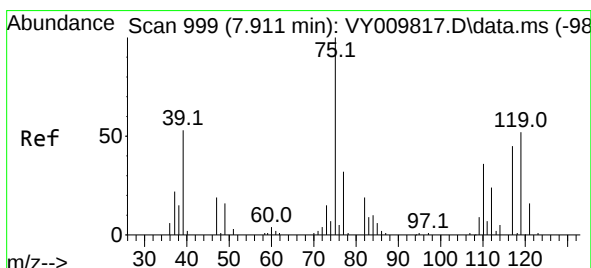
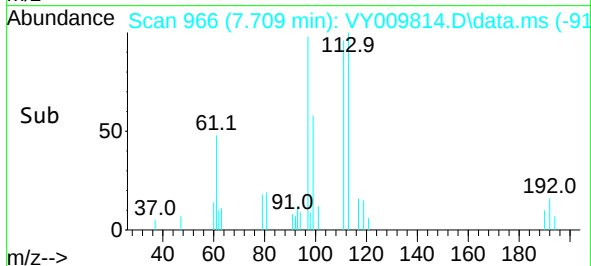
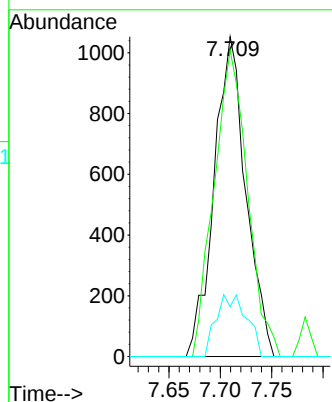
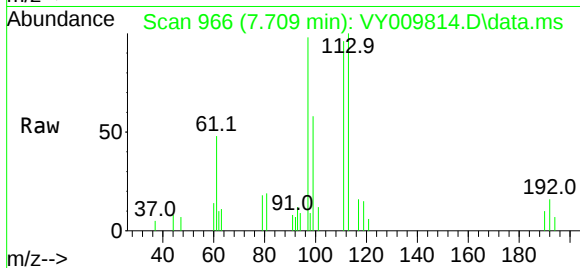
Tgt Ion:113 Resp: 2268

Ion Ratio Lower Upper

113 100

111 100.7 82.4 123.6

192 18.6 16.5 24.7



#36

1,1-Dichloropropene

Concen: 5.079 ug/l

RT: 7.905 min Scan# 998

Delta R.T. -0.006 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

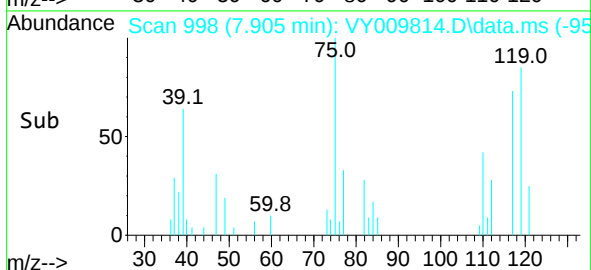
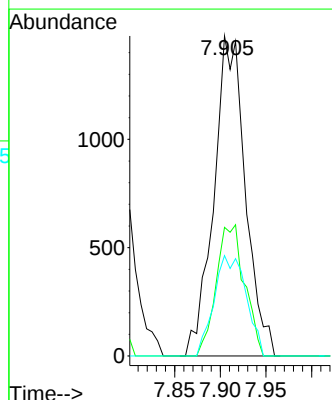
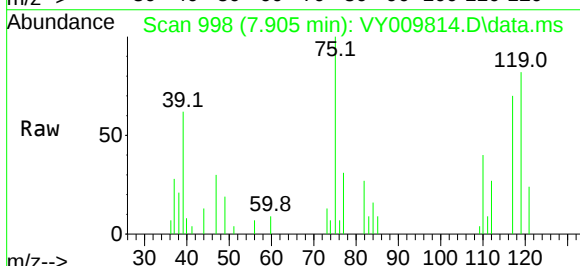
Tgt Ion: 75 Resp: 3550

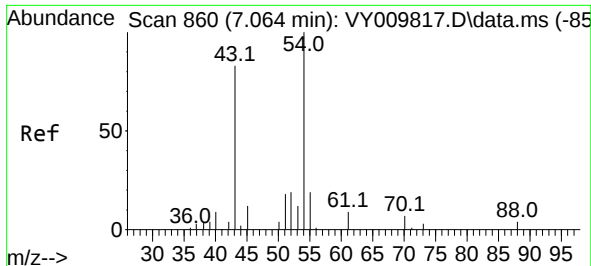
Ion Ratio Lower Upper

75 100

110 36.9 17.8 53.4

77 31.9 24.6 36.8





#37

Ethyl Acetate

Concen: 5.046 ug/l

RT: 7.069 min Scan# 860

Delta R.T. 0.006 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

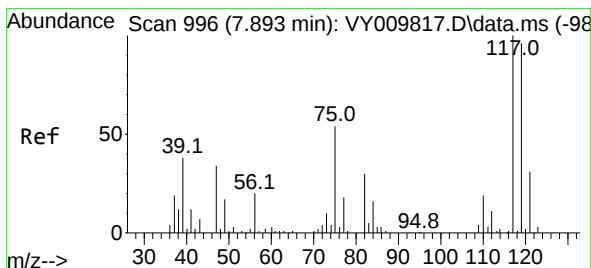
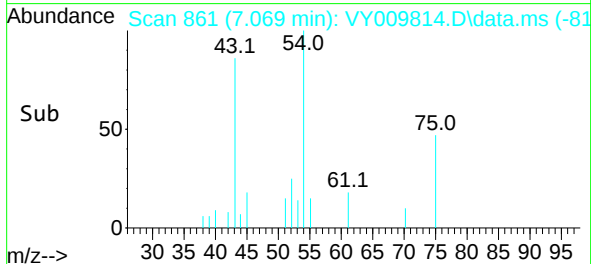
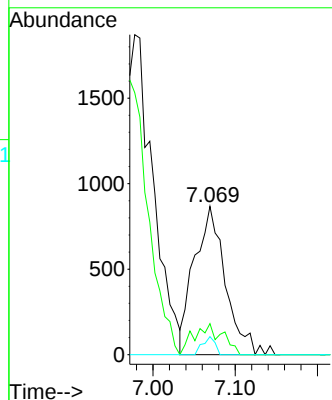
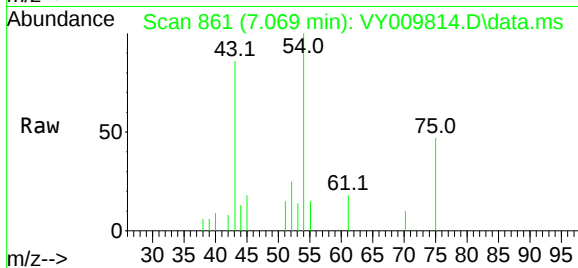
Tgt Ion: 43 Resp: 2297

Ion Ratio Lower Upper

43 100

61 18.9 11.0 16.6#

70 4.8 7.0 10.6#



#38

Carbon Tetrachloride

Concen: 5.114 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

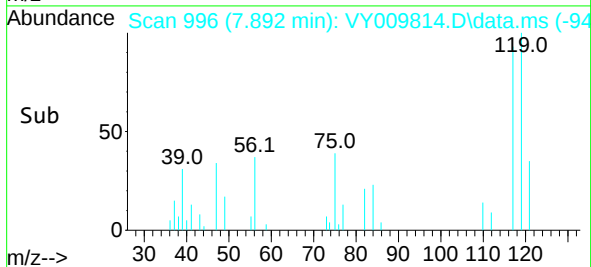
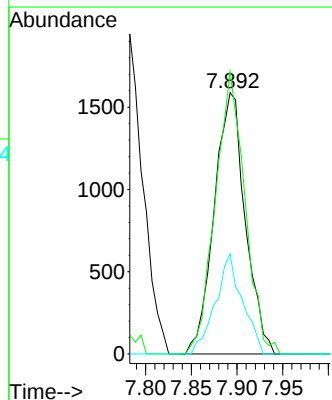
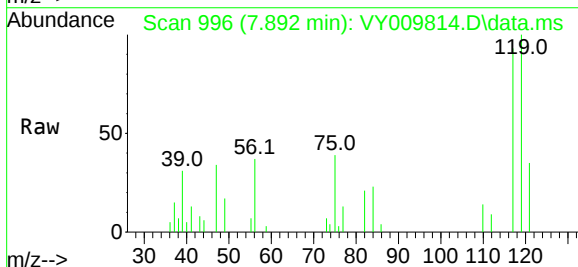
Tgt Ion: 117 Resp: 3759

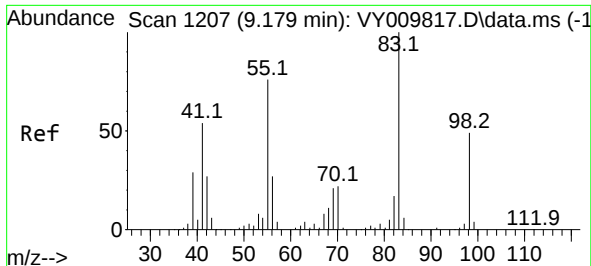
Ion Ratio Lower Upper

117 100

119 108.1 76.8 115.2

121 38.3 24.9 37.3#





#39

Methylcyclohexane

Concen: 5.043 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

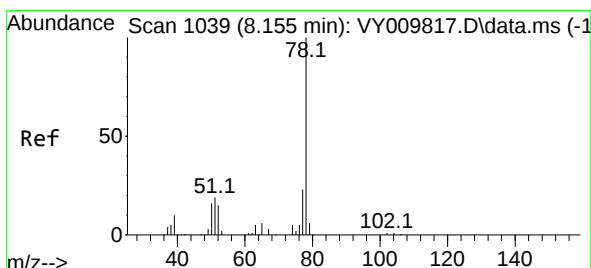
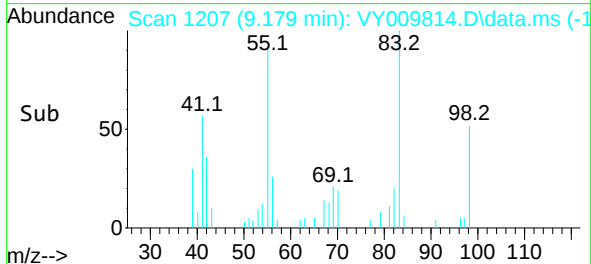
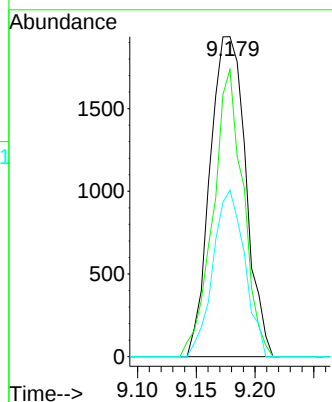
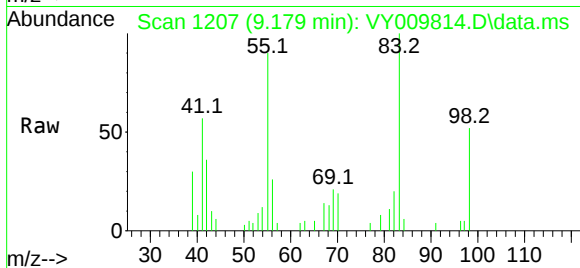
Tgt Ion: 83 Resp: 4089

Ion Ratio Lower Upper

83 100

55 89.8 61.1 91.7

98 52.0 39.0 58.4



#40

Benzene

Concen: 5.135 ug/l

RT: 8.154 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY009814.D

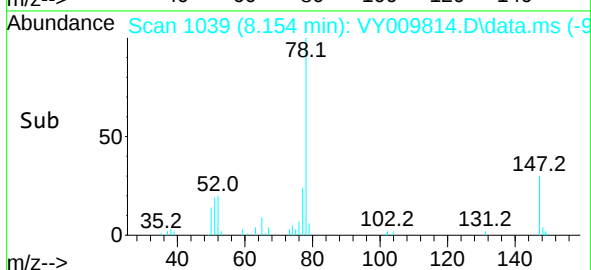
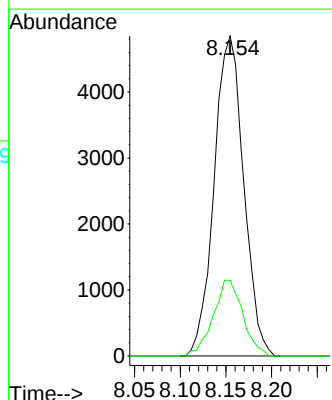
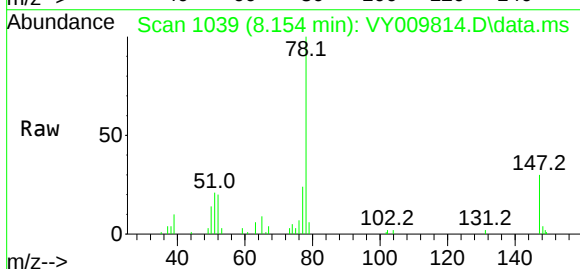
Acq: 03 Aug 2022 12:12

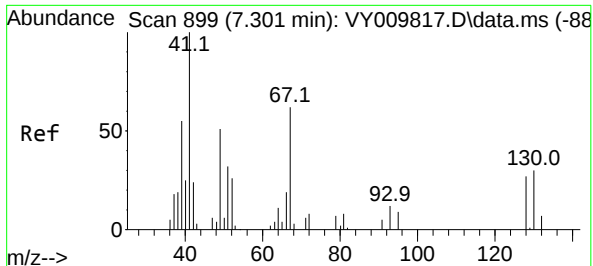
Tgt Ion: 78 Resp: 10886

Ion Ratio Lower Upper

78 100

77 23.6 18.8 28.2

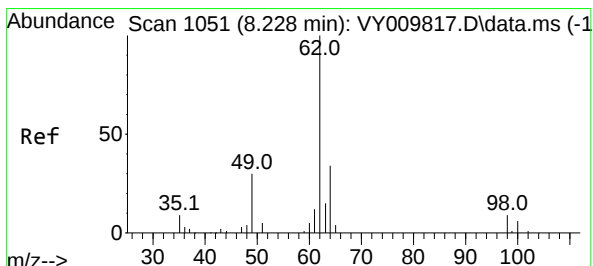
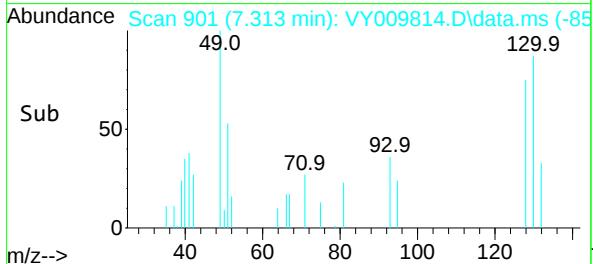
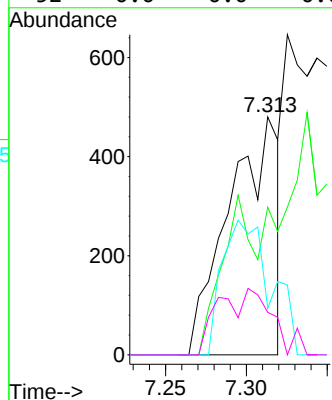
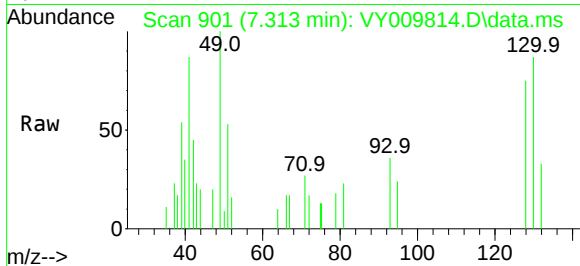




#41
Methacrylonitrile
Concen: 2.243 ug/l m
RT: 7.313 min Scan# 901
Delta R.T. 0.012 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

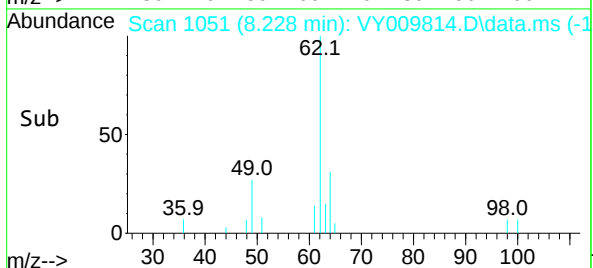
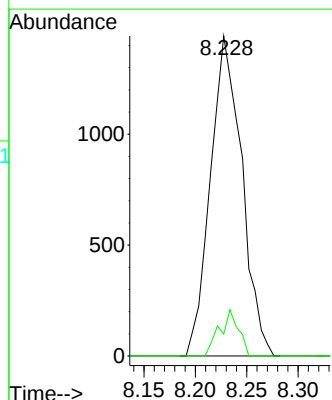
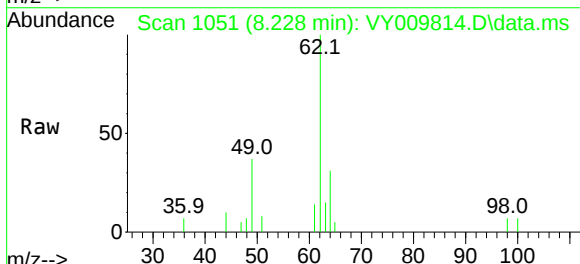
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

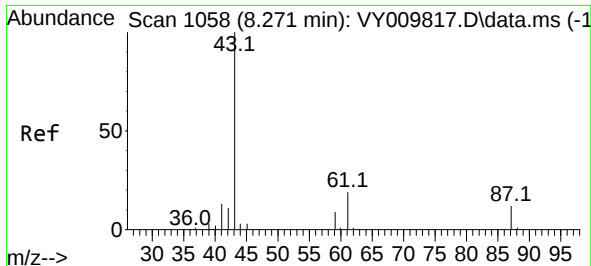
Tgt Ion: 41 Resp: 1026
Ion Ratio Lower Upper
41 100
39 113.2 61.5 92.3#
67 0.0 0.0 0.0
52 0.0 0.0 0.0



#42
1,2-Dichloroethane
Concen: 5.040 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 62 Resp: 3068
Ion Ratio Lower Upper
62 100
98 8.7 0.0 20.0

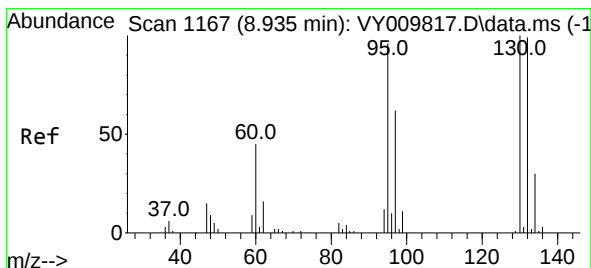
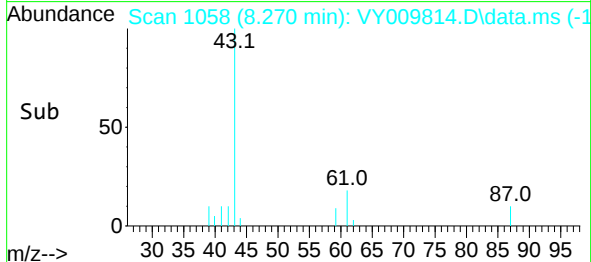
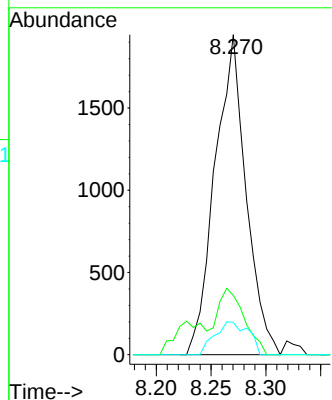
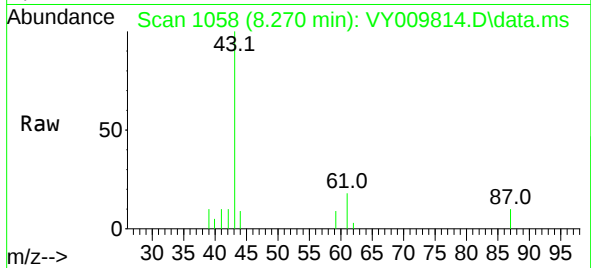




#43
Isopropyl Acetate
Concen: 4.836 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

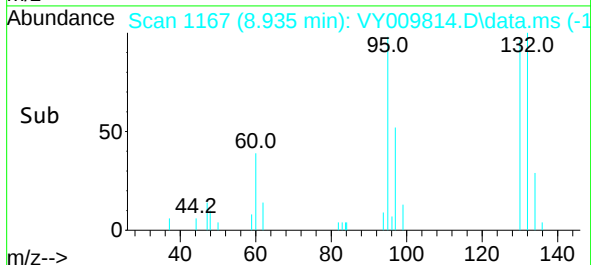
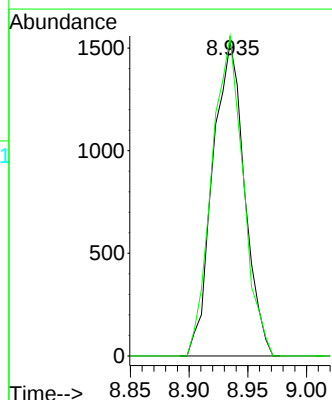
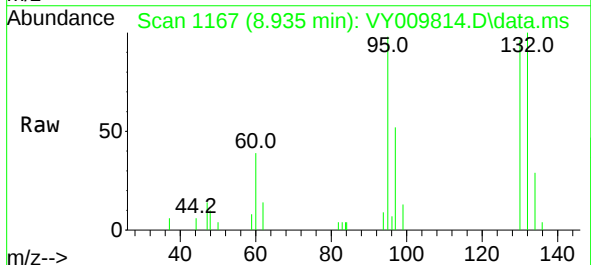
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

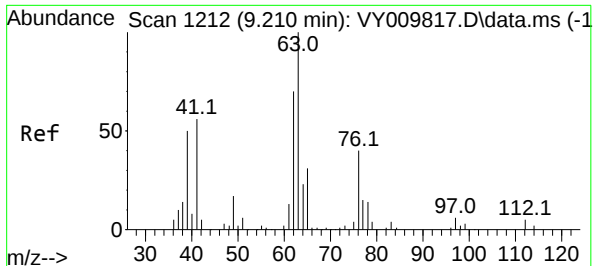
Tgt Ion: 43 Resp: 3836
Ion Ratio Lower Upper
43 100
61 18.3 21.4 32.0#
87 11.0 9.2 13.8



#44
Trichloroethene
Concen: 5.085 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 130 Resp: 2873
Ion Ratio Lower Upper
130 100
95 102.0 0.0 191.2





#45

1,2-Dichloropropane

Concen: 4.890 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

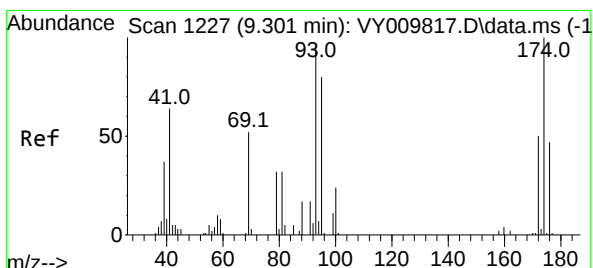
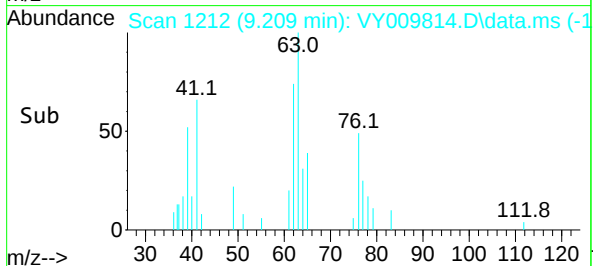
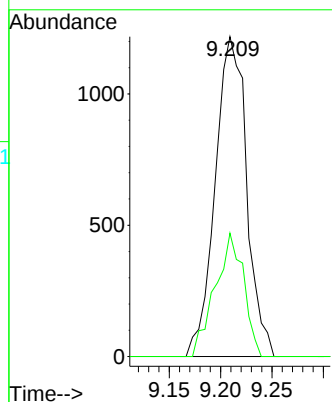
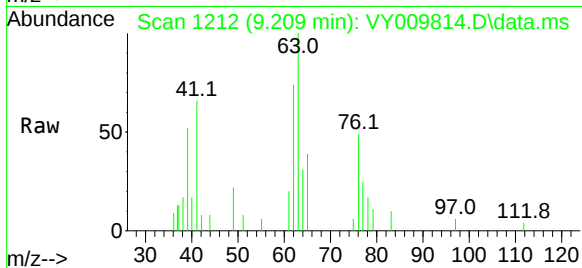
VSTDIC005

Tgt Ion: 63 Resp: 2591

Ion Ratio Lower Upper

63 100

65 38.6 25.1 37.7#



#46

Dibromomethane

Concen: 5.199 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

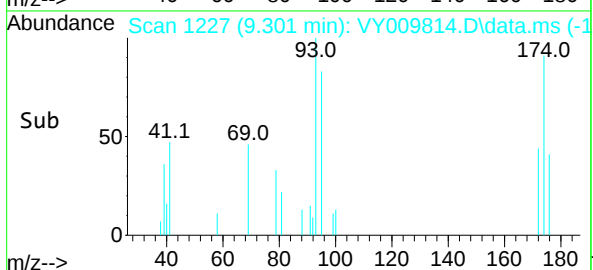
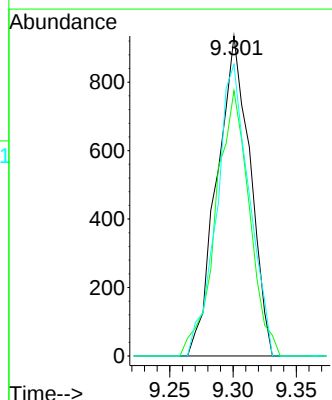
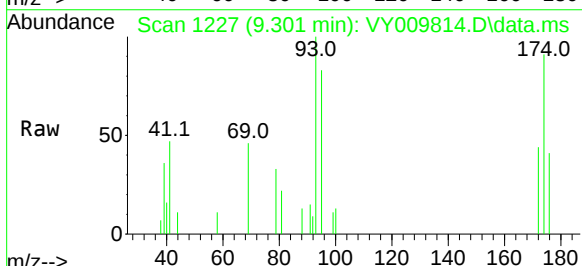
Tgt Ion: 93 Resp: 1698

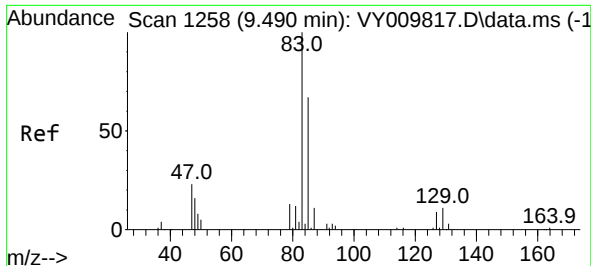
Ion Ratio Lower Upper

93 100

95 84.2 65.8 98.6

174 90.0 77.8 116.6





#47

Bromodichloromethane

Concen: 5.571 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

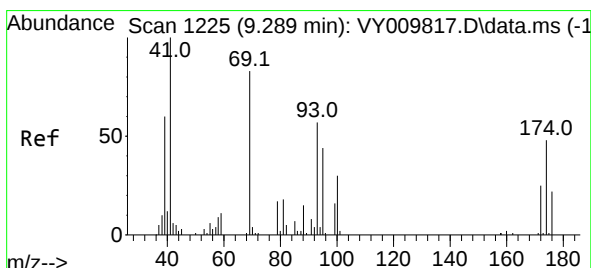
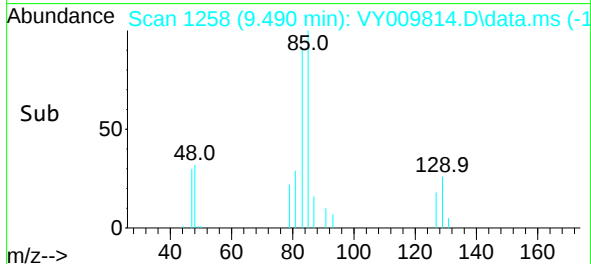
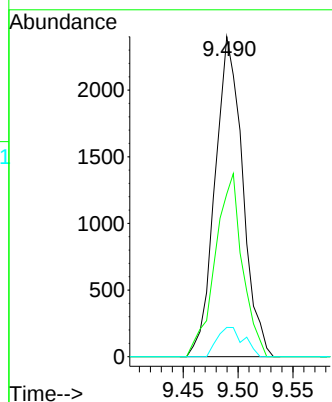
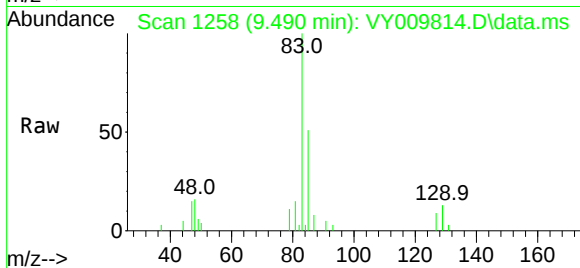
Tgt Ion: 83 Resp: 4205

Ion Ratio Lower Upper

83 100

85 50.9 54.0 81.0#

127 9.2 6.8 10.2



#48

Methyl methacrylate

Concen: 4.679 ug/l

RT: 9.288 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

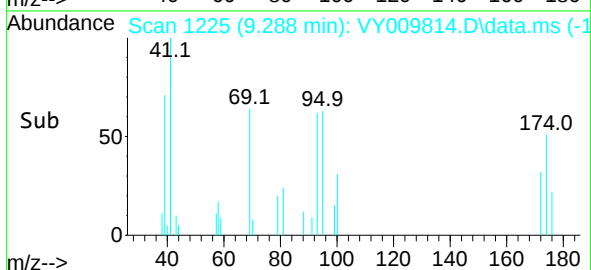
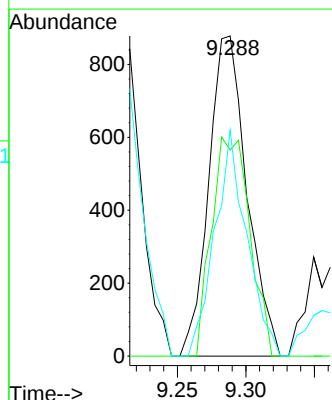
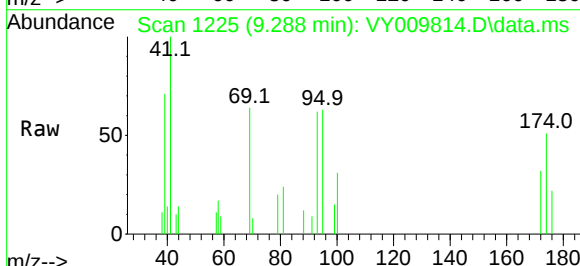
Tgt Ion: 41 Resp: 1701

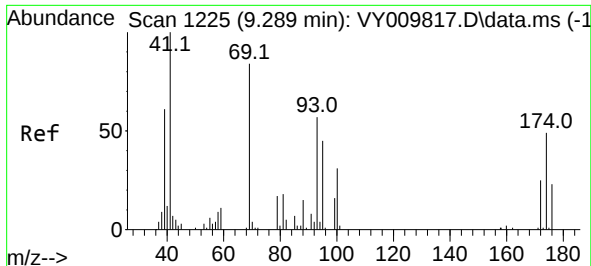
Ion Ratio Lower Upper

41 100

69 68.2 62.5 93.7

39 59.1 47.7 71.5

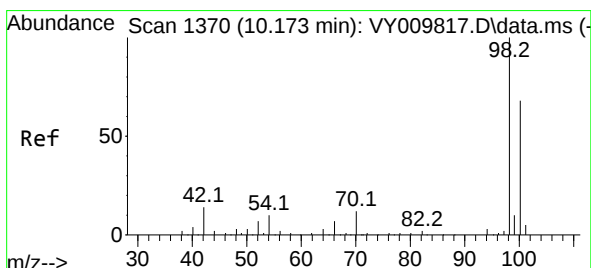
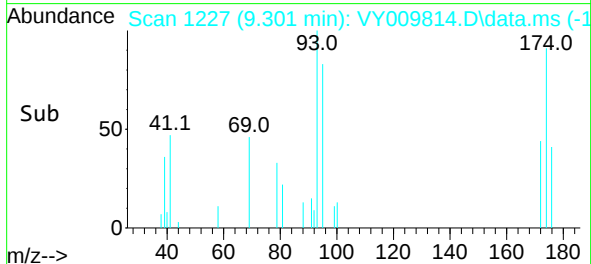
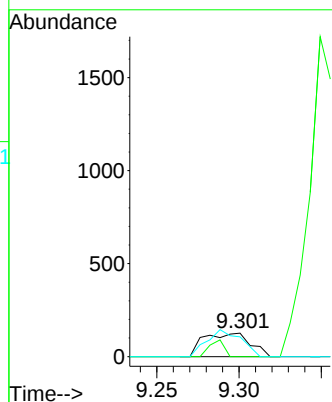
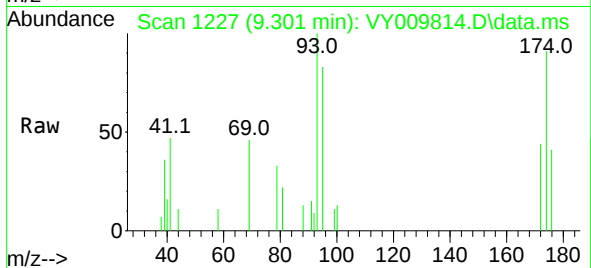




#49
1,4-Dioxane
Concen: 68.973 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

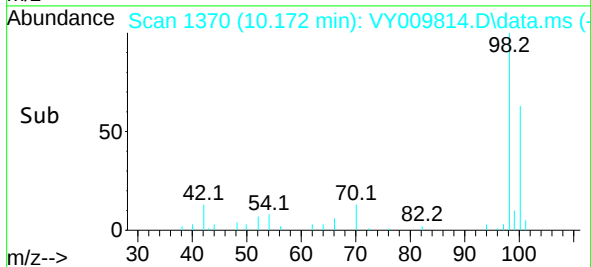
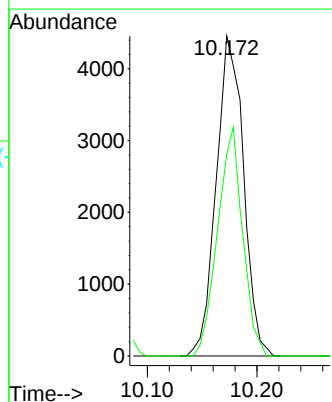
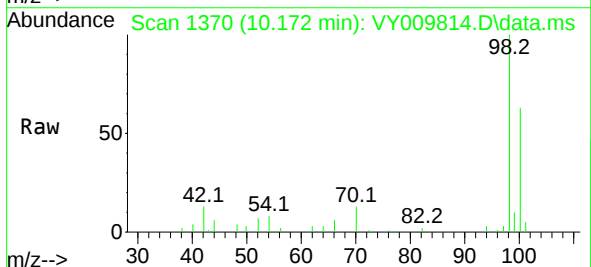
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

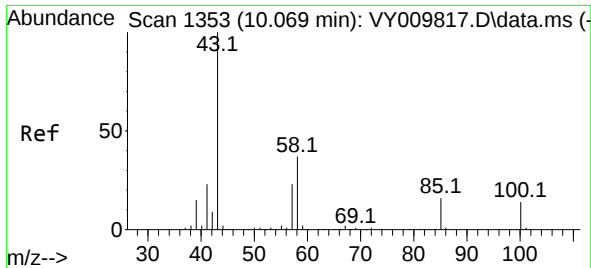
Tgt Ion: 88 Resp: 249
Ion Ratio Lower Upper
88 100
43 0.0 26.2 39.2#
58 83.9 47.5 71.3#



#50
Toluene-d8
Concen: 5.233 ug/l
RT: 10.172 min Scan# 1370
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 98 Resp: 7705
Ion Ratio Lower Upper
98 100
100 65.6 53.4 80.2

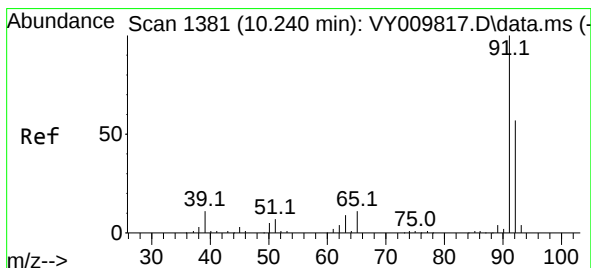
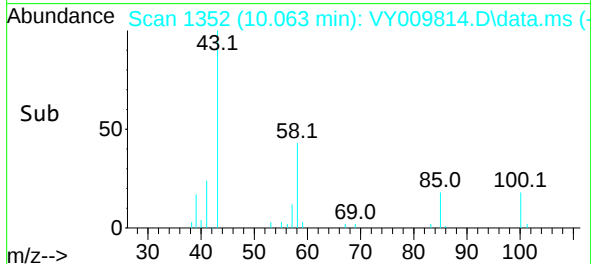
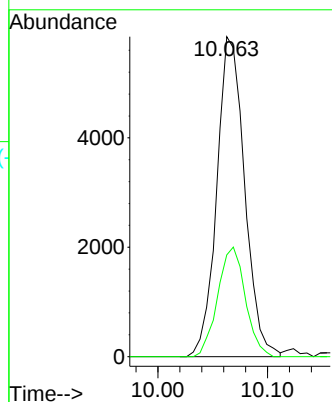
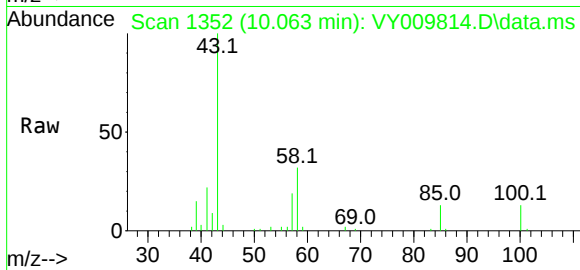




#51
4-Methyl-2-Pentanone
Concen: 23.070 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

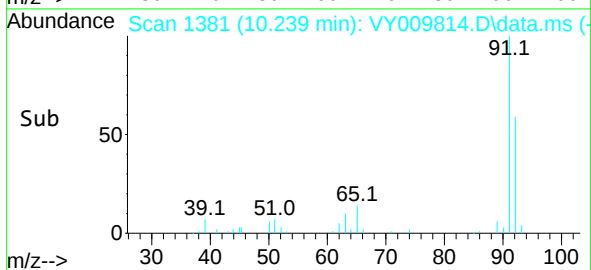
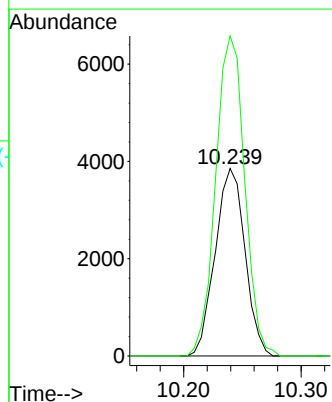
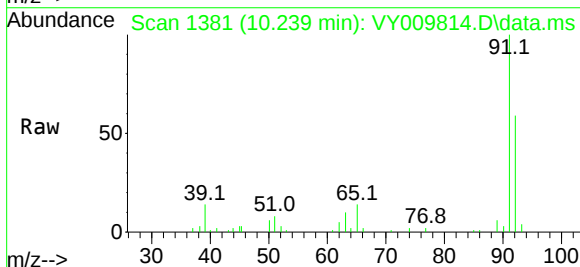
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

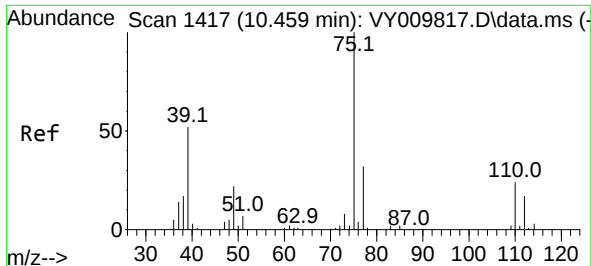
Tgt Ion: 43 Resp: 10322
Ion Ratio Lower Upper
43 100
58 34.0 28.7 43.1



#52
Toluene
Concen: 5.082 ug/l
RT: 10.239 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 92 Resp: 6789
Ion Ratio Lower Upper
92 100
91 166.5 140.0 210.0





#53

t-1,3-Dichloropropene

Concen: 4.646 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

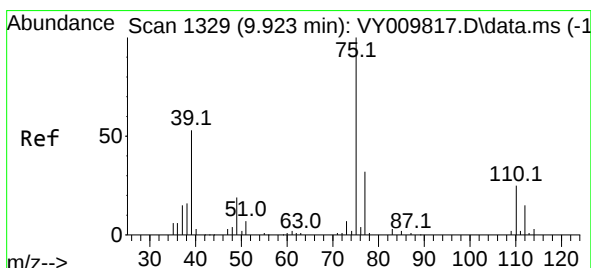
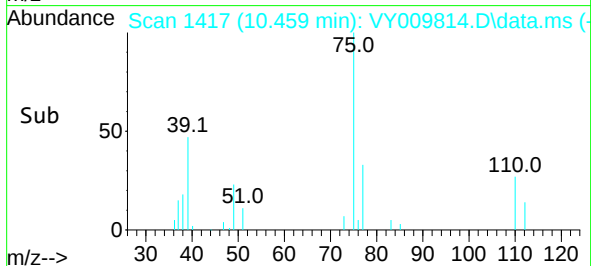
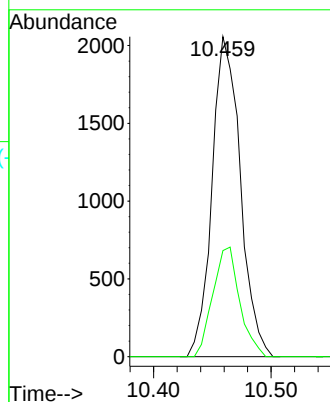
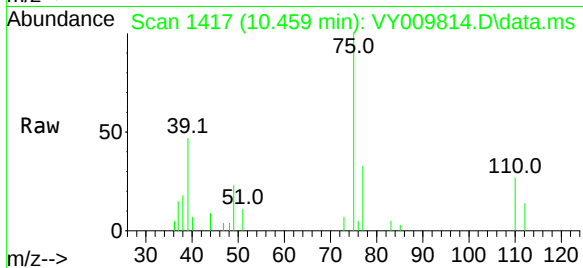
VSTDIC005

Tgt Ion: 75 Resp: 3437

Ion Ratio Lower Upper

75 100

77 33.2 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 4.844 ug/l

RT: 9.922 min Scan# 1329

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

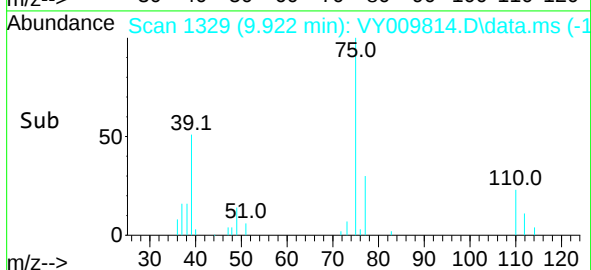
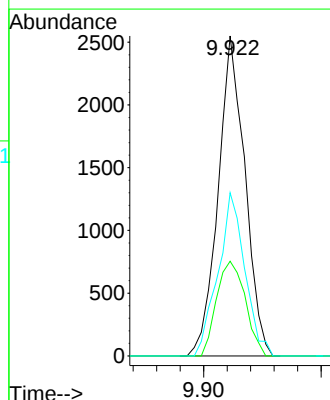
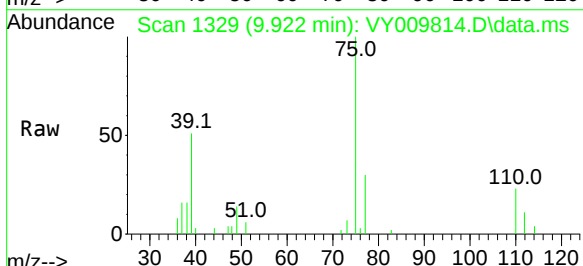
Tgt Ion: 75 Resp: 4044

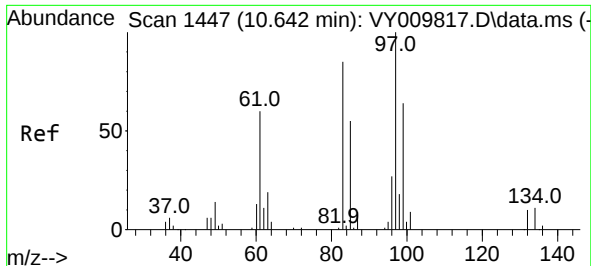
Ion Ratio Lower Upper

75 100

77 29.6 25.8 38.6

39 51.0 42.6 63.8

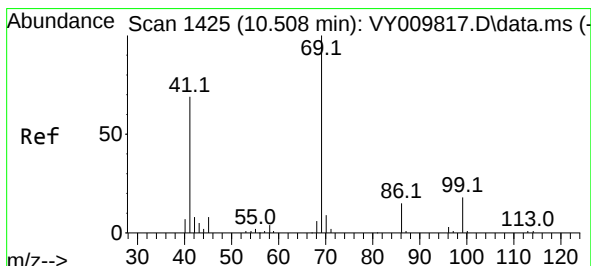
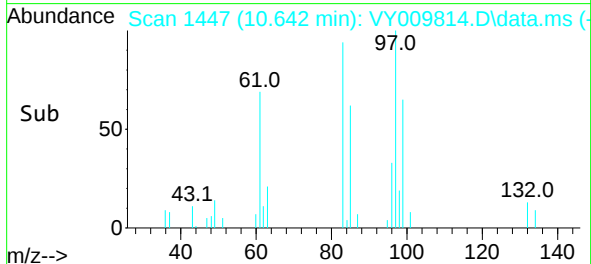
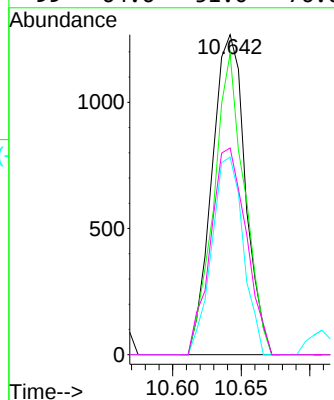
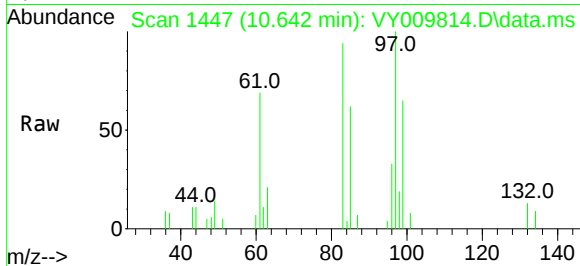




#55
1,1,2-Trichloroethane
Concen: 4.913 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

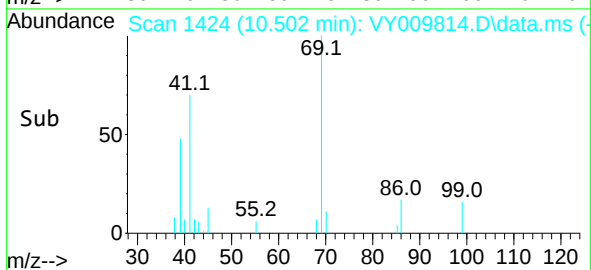
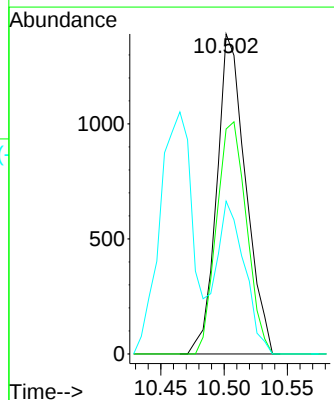
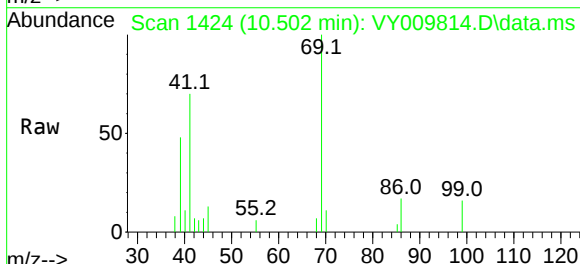
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

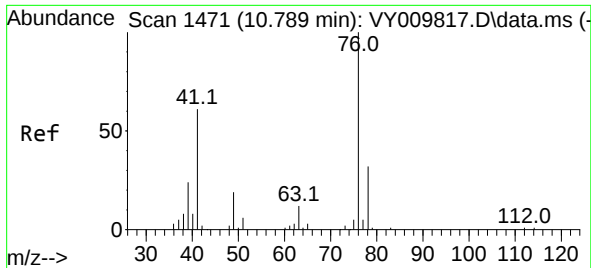
Tgt Ion: 97	Resp: 2150
Ion Ratio	Lower Upper
97 100	
83 94.1	67.8 101.6
85 61.8	43.7 65.5
99 64.6	51.0 76.6



#56
Ethyl methacrylate
Concen: 4.003 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.007 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 69	Resp: 2202		
Ion Ratio	Lower	Upper	
69 100			
41 75.4	58.2	87.4	
39 47.0	33.8	50.8	

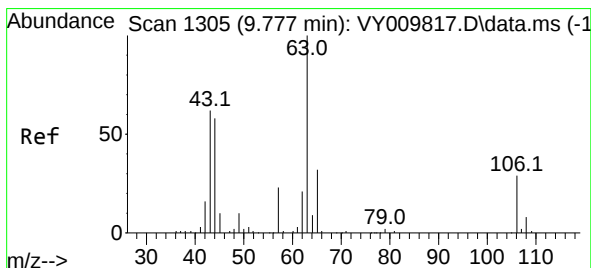
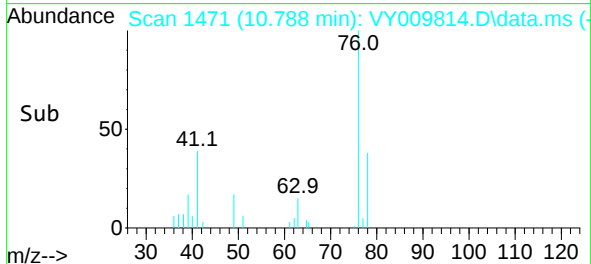
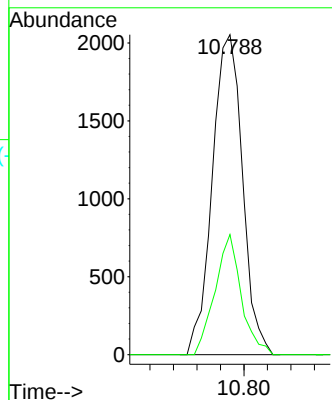
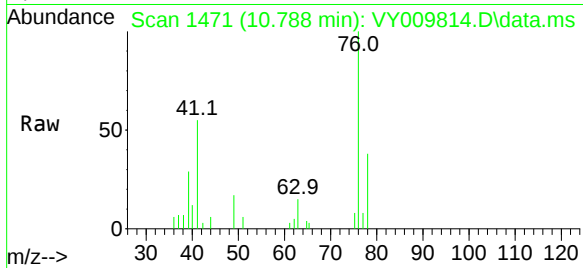




#57
1,3-Dichloropropane
Concen: 4.926 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

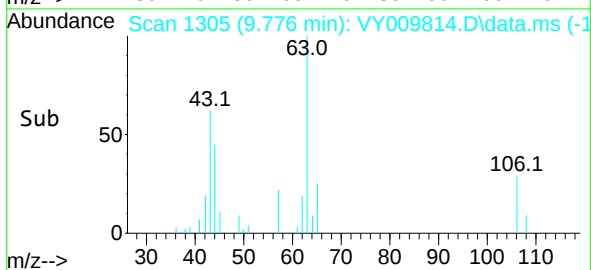
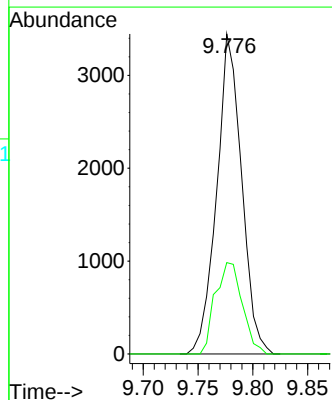
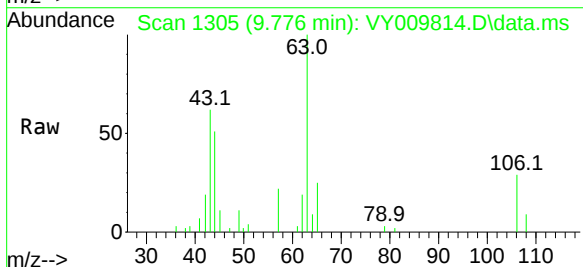
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

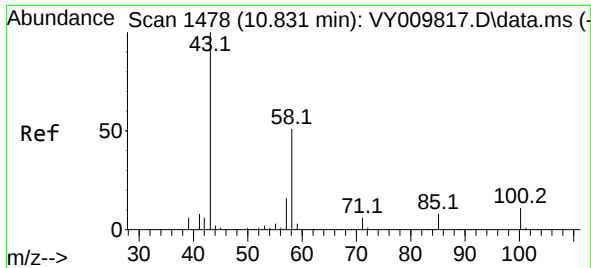
Tgt Ion: 76 Resp: 3661
Ion Ratio Lower Upper
76 100
78 32.6 25.8 38.6



#58
2-Chloroethyl Vinyl ether
Concen: 20.326 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 63 Resp: 5444
Ion Ratio Lower Upper
63 100
106 30.9 22.8 34.2

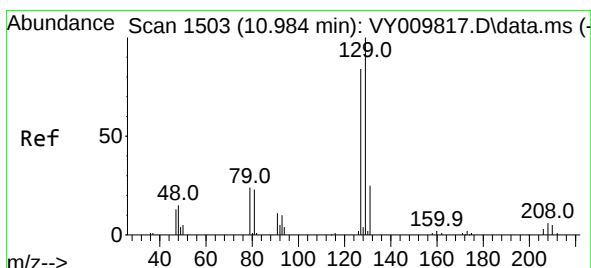
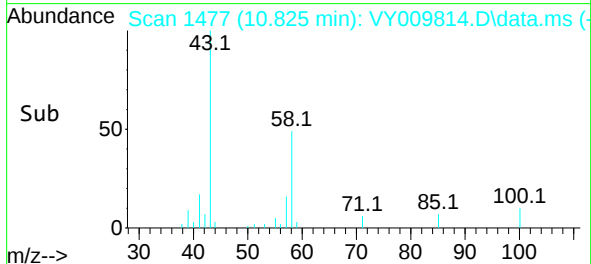
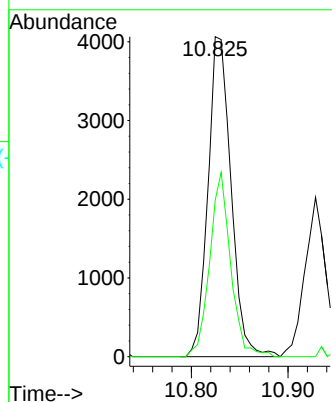
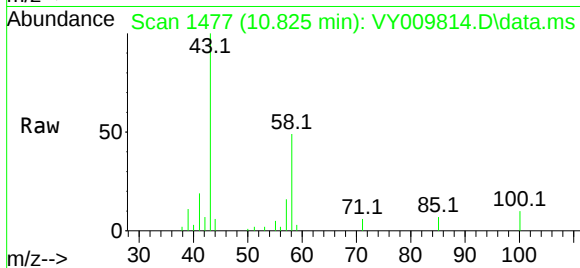




#59
2-Hexanone
Concen: 21.732 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

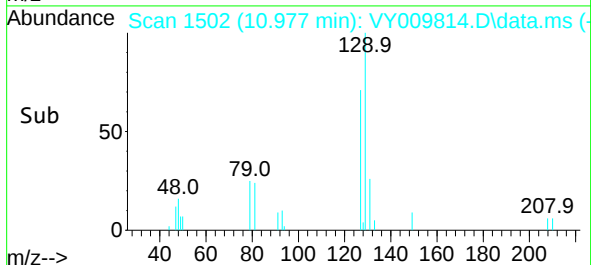
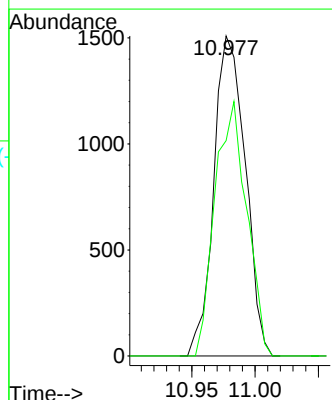
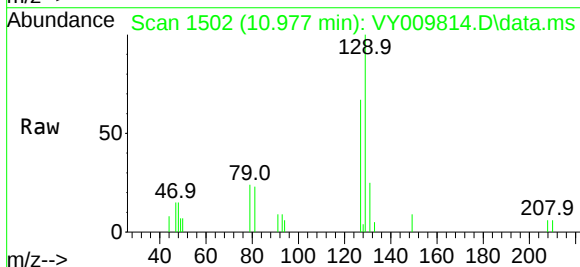
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

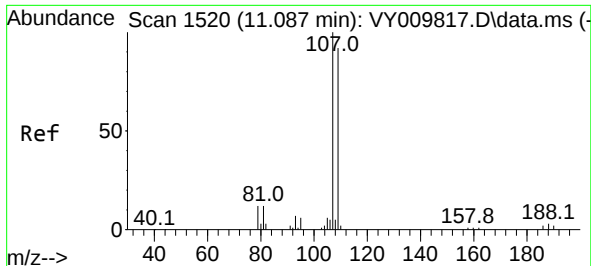
Tgt Ion: 43 Resp: 6737
Ion Ratio Lower Upper
43 100
58 52.4 25.8 77.3



#60
Dibromochloromethane
Concen: 4.987 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion:129 Resp: 2610
Ion Ratio Lower Upper
129 100
127 80.6 39.1 117.3

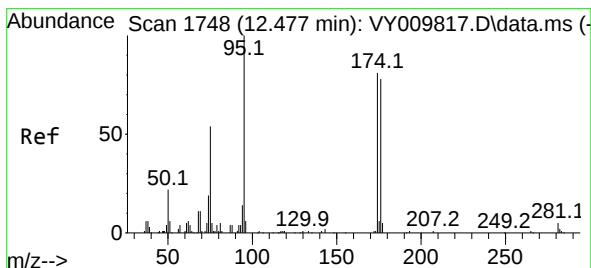
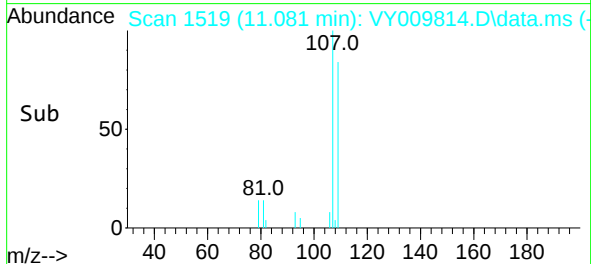
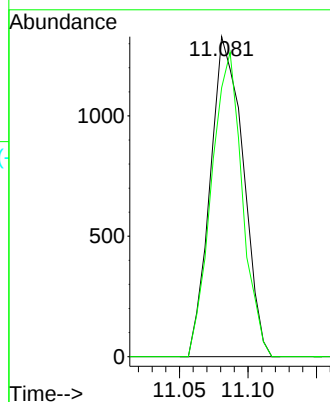
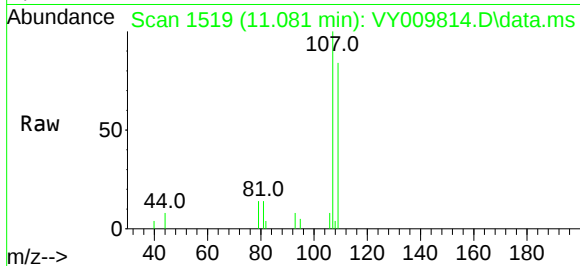




#61
1,2-Dibromoethane
Concen: 5.206 ug/l
RT: 11.081 min Scan# 1520
Delta R.T. -0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

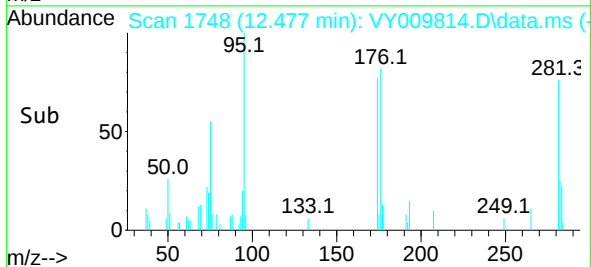
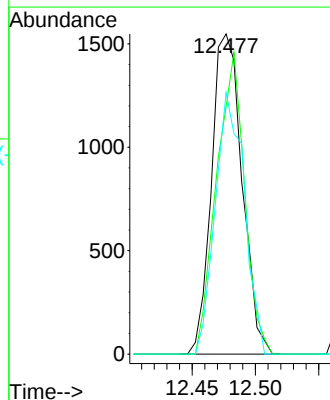
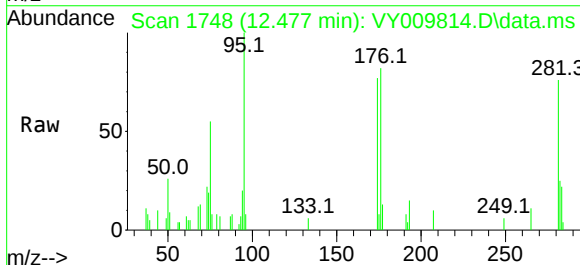
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

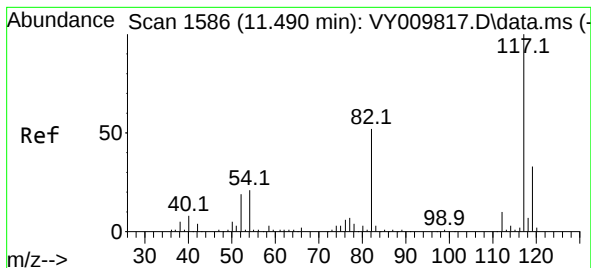
Tgt Ion:107 Resp: 2223
Ion Ratio Lower Upper
107 100
109 89.1 75.7 113.5



#62
4-Bromofluorobenzene
Concen: 4.545 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 95 Resp: 2593
Ion Ratio Lower Upper
95 100
174 86.5 0.0 168.6
176 77.9 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

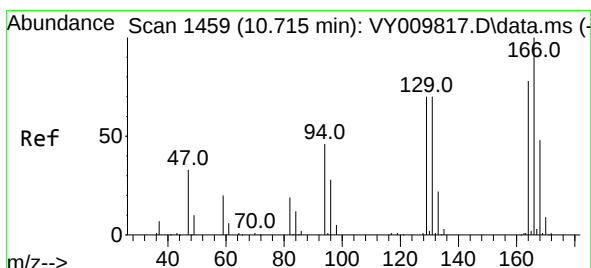
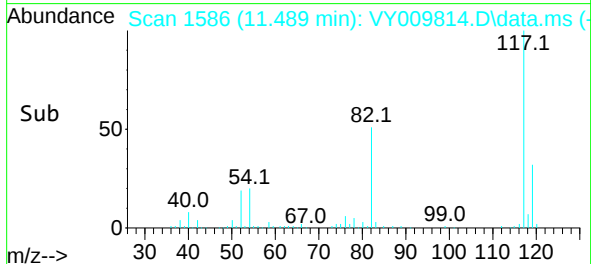
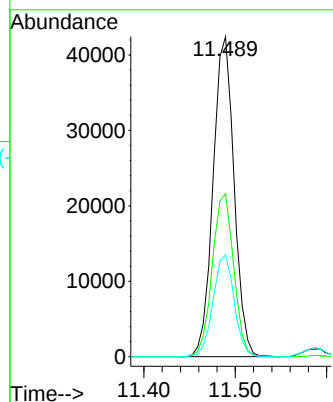
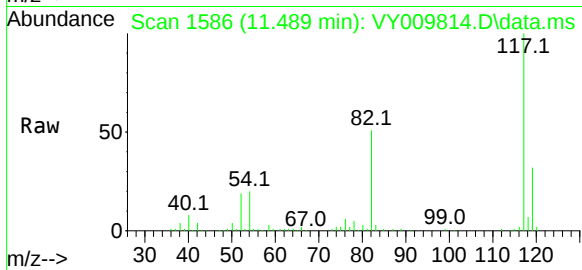
Tgt Ion:117 Resp: 67606

Ion Ratio Lower Upper

117 100

82 50.9 41.7 62.5

119 31.8 26.6 40.0



#64

Tetrachloroethene

Concen: 5.506 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Tgt Ion:164 Resp: 2953

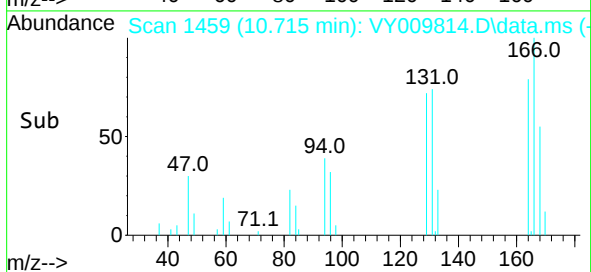
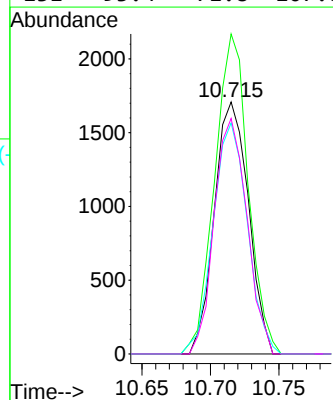
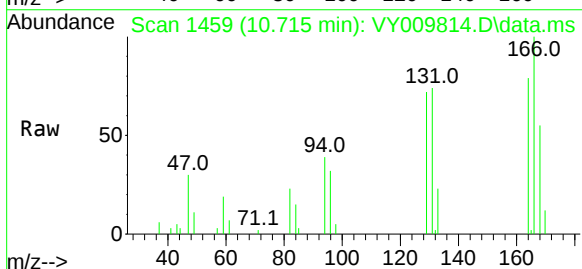
Ion Ratio Lower Upper

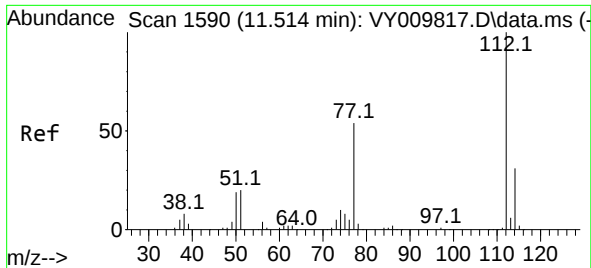
164 100

166 127.0 103.0 154.6

129 91.7 72.2 108.2

131 93.4 71.8 107.8

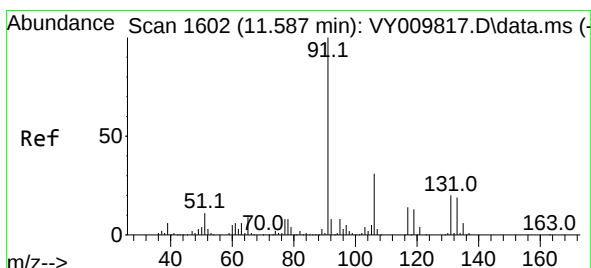
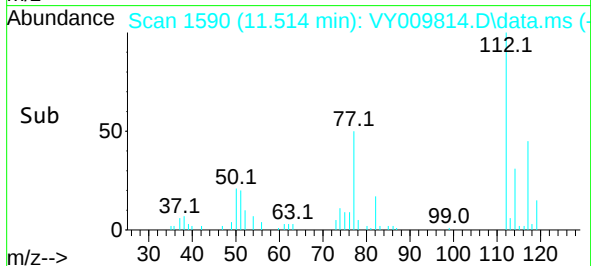
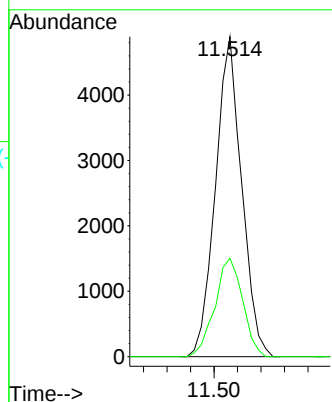
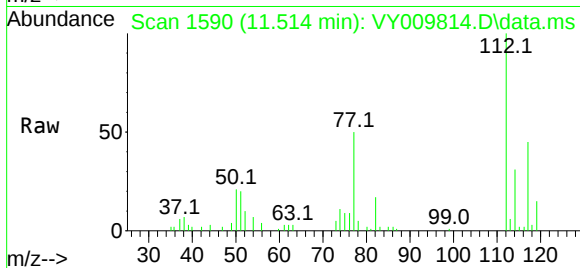




#65
Chlorobenzene
Concen: 5.155 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

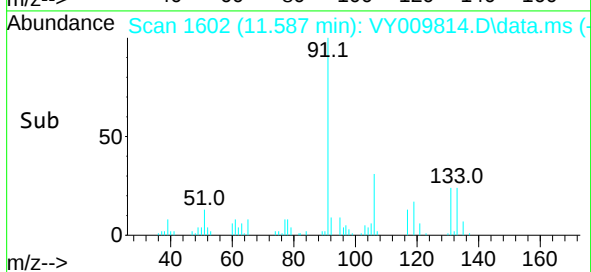
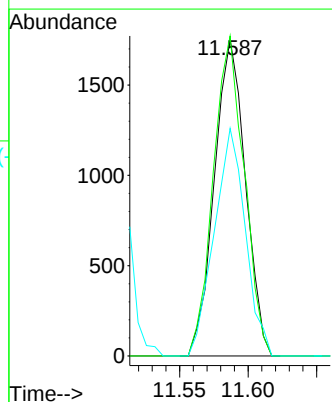
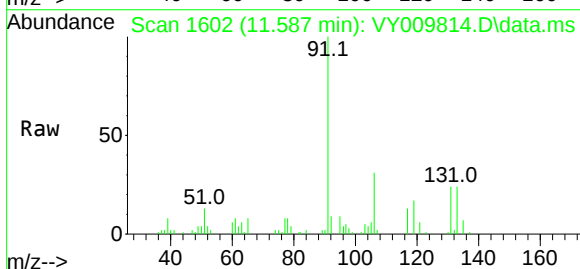
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

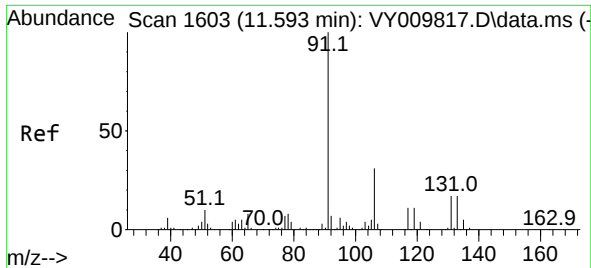
Tgt Ion:112 Resp: 7571
Ion Ratio Lower Upper
112 100
114 30.8 24.6 37.0



#66
1,1,1,2-Tetrachloroethane
Concen: 5.060 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion:131 Resp: 2757
Ion Ratio Lower Upper
131 100
133 100.8 48.0 144.0
119 72.1 33.1 99.2

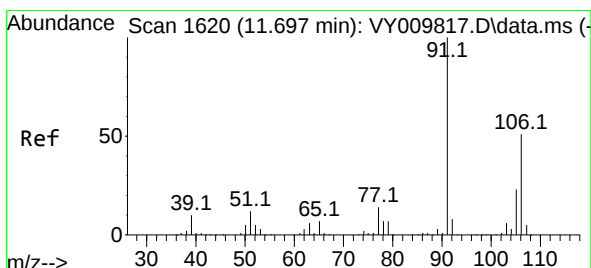
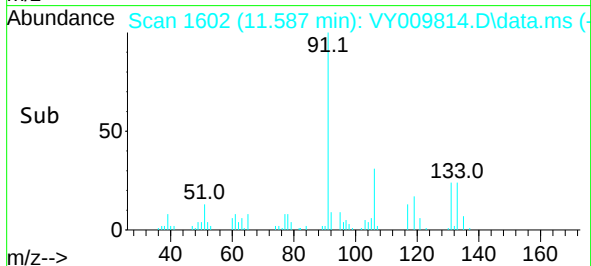
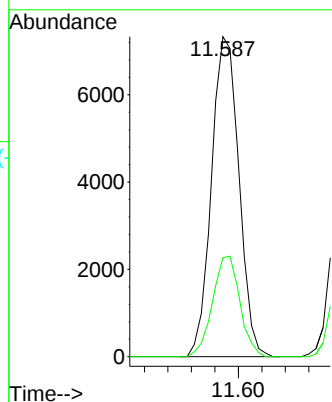
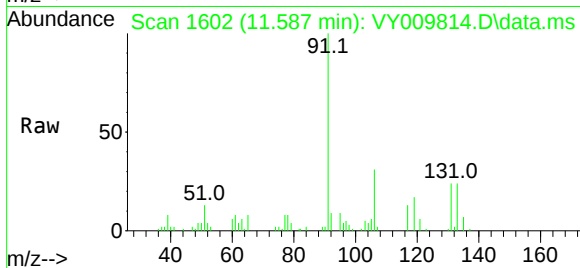




#67
Ethyl Benzene
Concen: 4.659 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

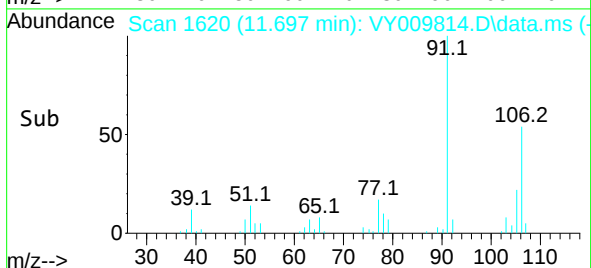
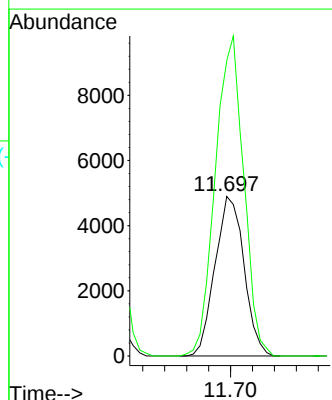
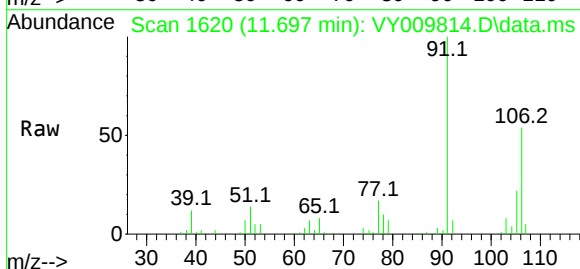
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

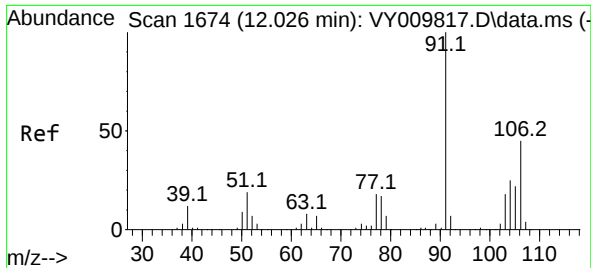
Tgt Ion: 91 Resp: 11880
Ion Ratio Lower Upper
91 100
106 31.0 24.9 37.3



#68
m/p-Xylenes
Concen: 8.983 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 106 Resp: 8992
Ion Ratio Lower Upper
106 100
91 196.1 160.6 240.8

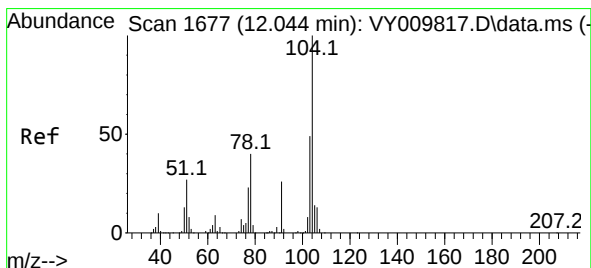
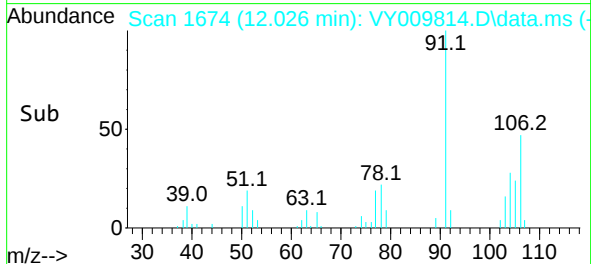
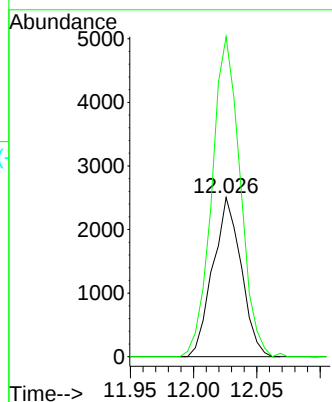
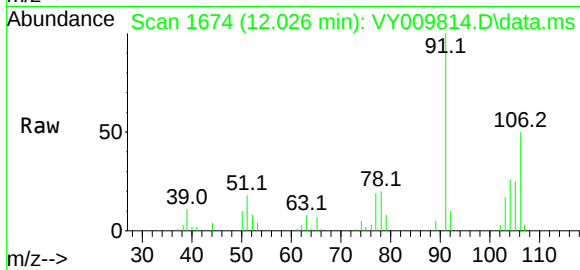




#69
o-Xylene
Concen: 4.350 ug/l
RT: 12.026 min Scan# 1
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

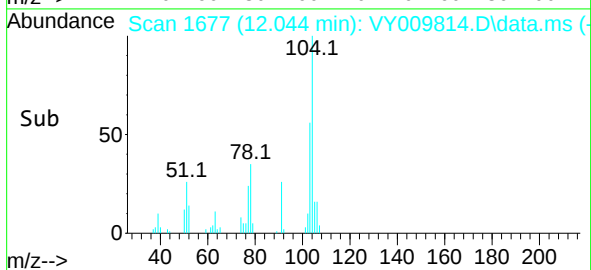
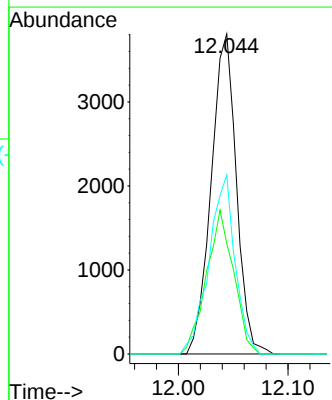
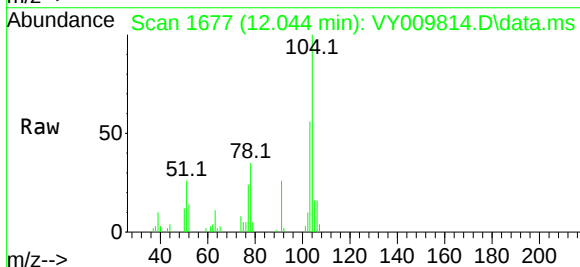
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

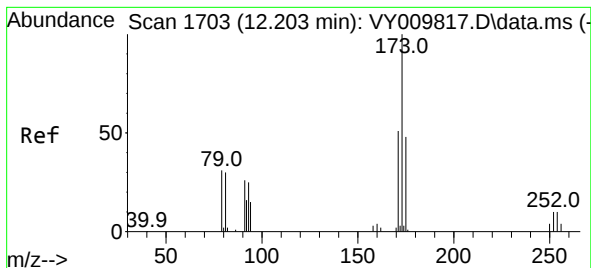
Tgt Ion:106 Resp: 3891
Ion Ratio Lower Upper
106 100
91 201.2 106.6 319.8



#70
Styrene
Concen: 3.979 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion:104 Resp: 6088
Ion Ratio Lower Upper
104 100
78 48.3 37.4 56.0
103 58.1 42.8 64.2





#71

Bromoform

Concen: 4.643 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

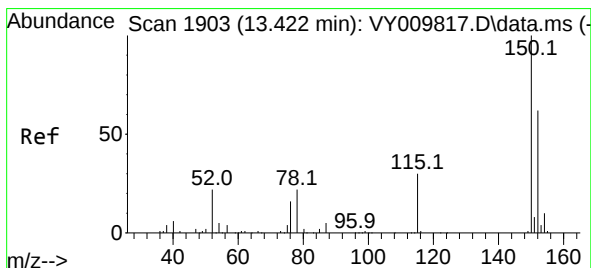
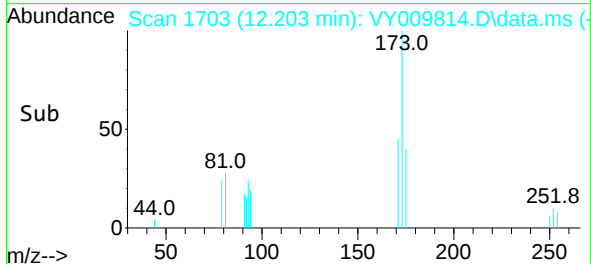
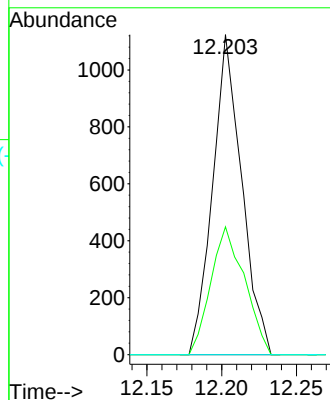
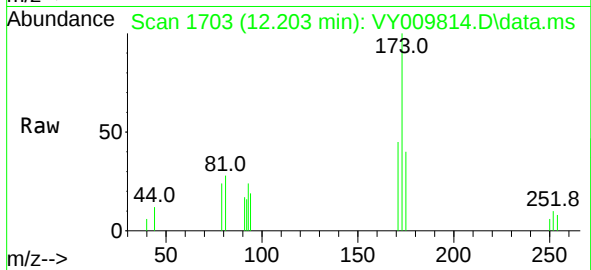
Tgt Ion:173 Resp: 1517

Ion Ratio Lower Upper

173 100

175 46.5 24.3 73.0

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

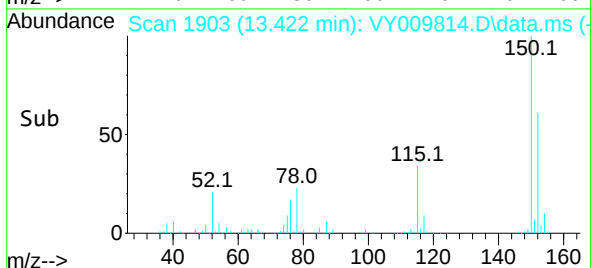
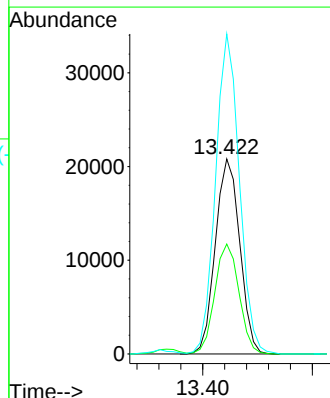
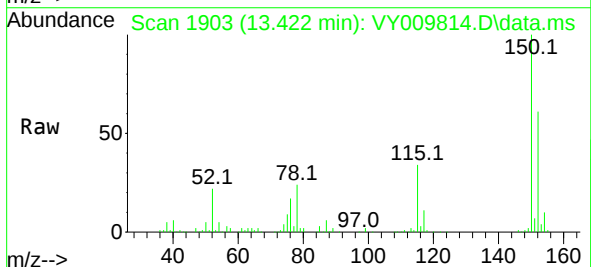
Tgt Ion:152 Resp: 32181

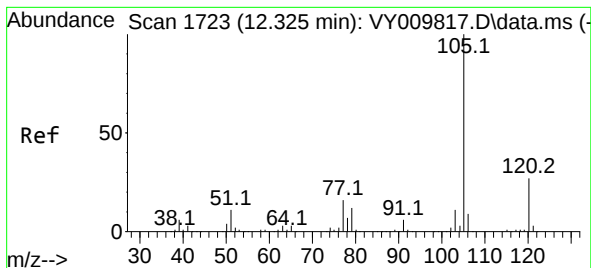
Ion Ratio Lower Upper

152 100

115 56.0 28.9 86.7

150 160.0 0.0 354.2





#73

Isopropylbenzene

Concen: 4.477 ug/l

RT: 12.324 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

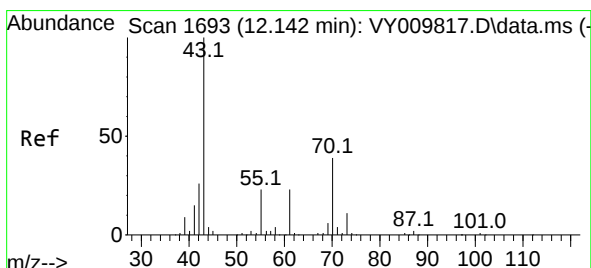
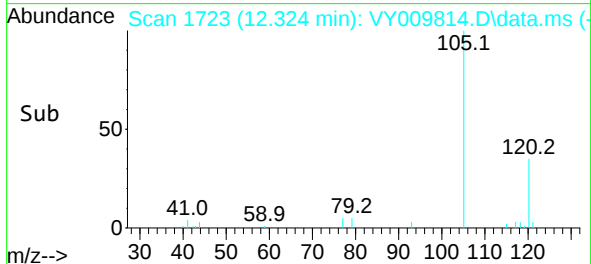
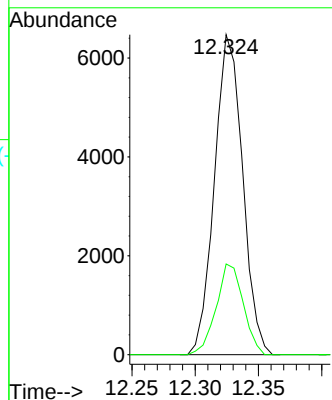
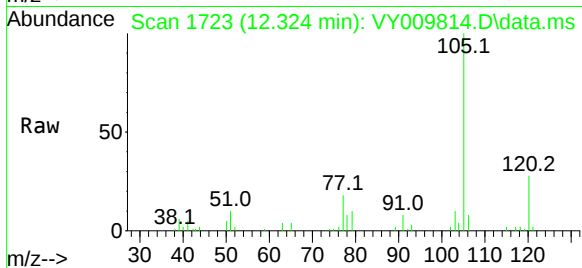
VSTDICC005

Tgt Ion:105 Resp: 10008

Ion Ratio Lower Upper

105 100

120 27.2 13.8 41.3



#74

N-ethyl acetate

Concen: 3.818 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Tgt Ion: 43 Resp: 2699

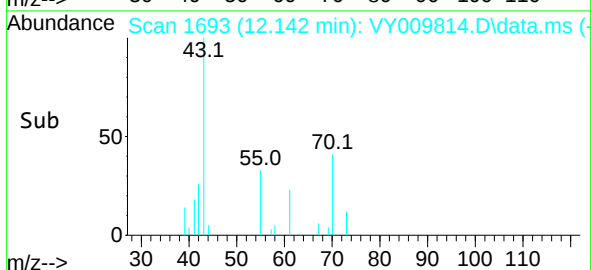
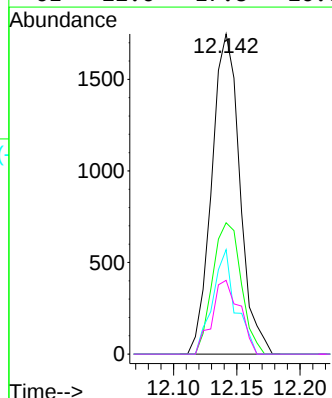
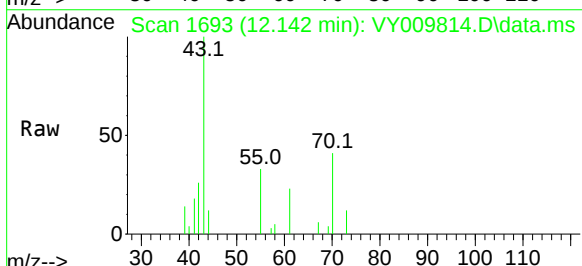
Ion Ratio Lower Upper

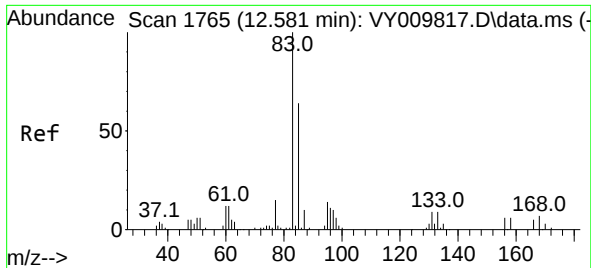
43 100

70 41.5 31.4 47.0

55 26.6 19.0 28.4

61 22.6 17.8 26.6

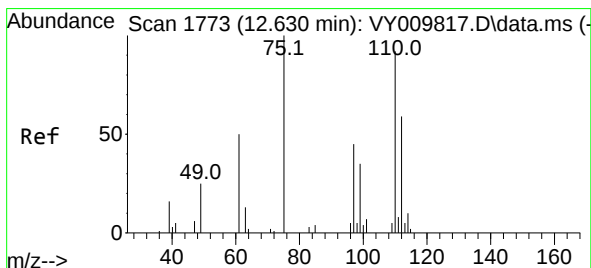
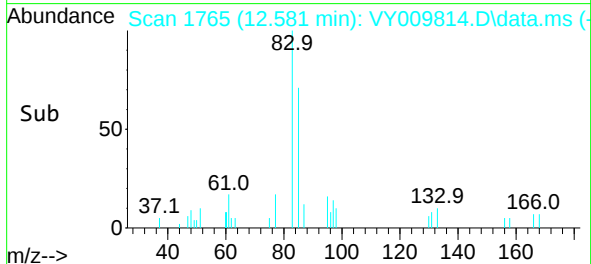
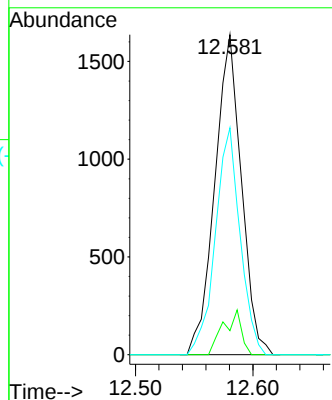
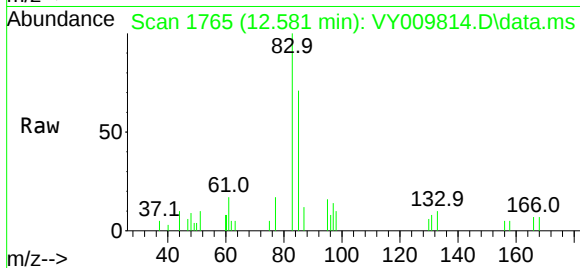




#75
1,1,2-Tetrachloroethane
Concen: 5.117 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

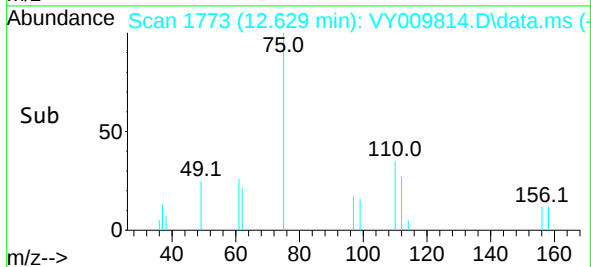
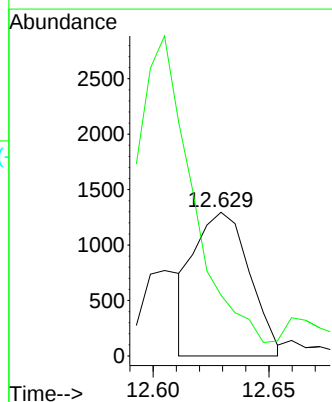
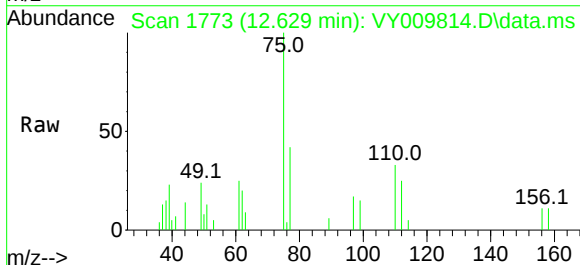
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

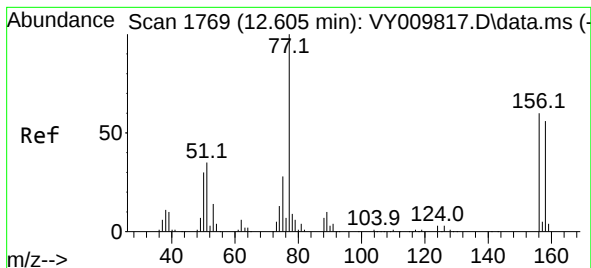
Tgt Ion: 83 Resp: 2578
Ion Ratio Lower Upper
83 100
131 9.5 4.9 14.7
85 66.0 31.6 94.8



#76
1,2,3-Trichloropropane
Concen: 3.561 ug/l m
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 75 Resp: 2132
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 4.854 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC005

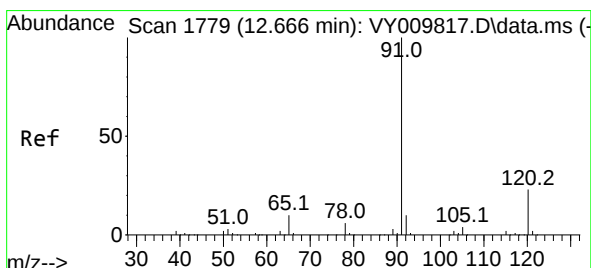
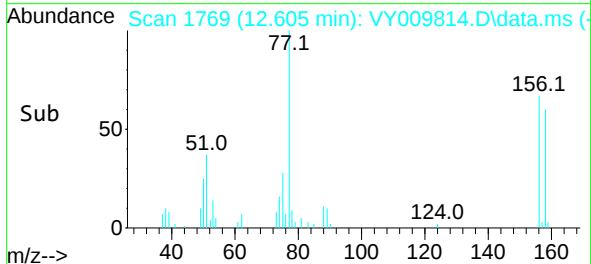
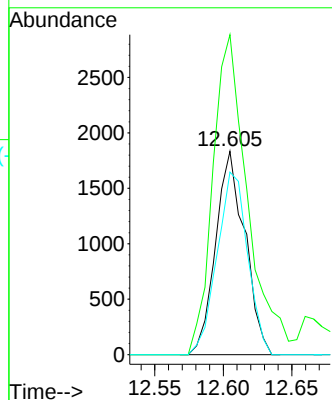
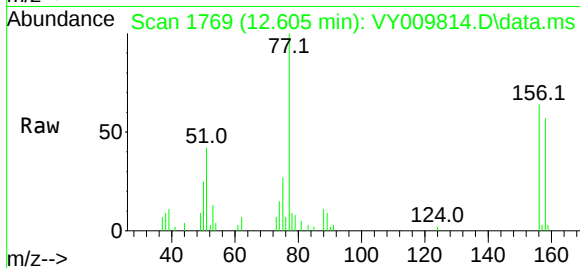
Tgt Ion:156 Resp: 2724

Ion Ratio Lower Upper

156 100

77 186.0 94.0 282.0

158 93.6 48.9 146.6



#78

n-propylbenzene

Concen: 4.377 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY009814.D

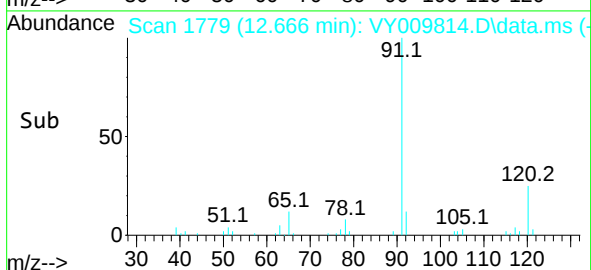
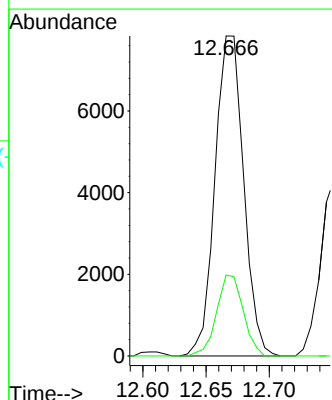
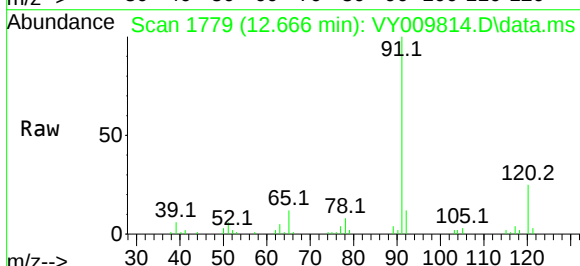
Acq: 03 Aug 2022 12:12

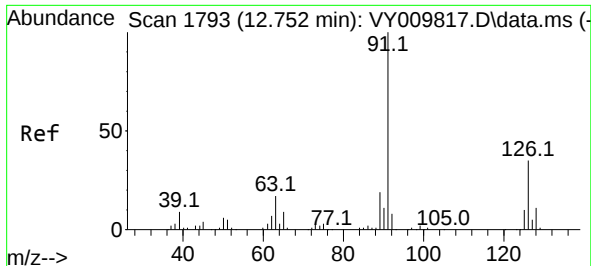
Tgt Ion: 91 Resp: 12343

Ion Ratio Lower Upper

91 100

120 23.4 11.6 34.8





#79

2-Chlorotoluene

Concen: 4.600 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

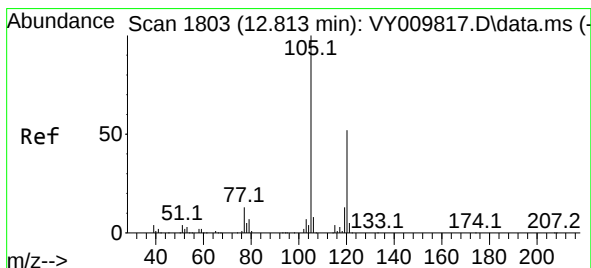
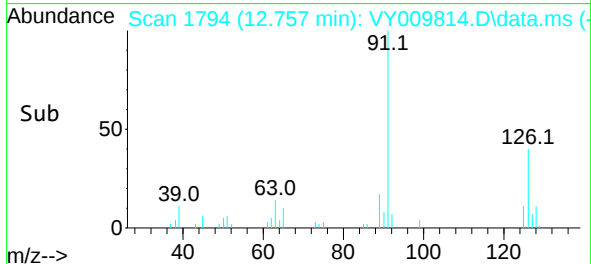
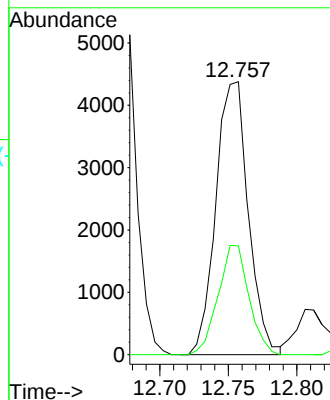
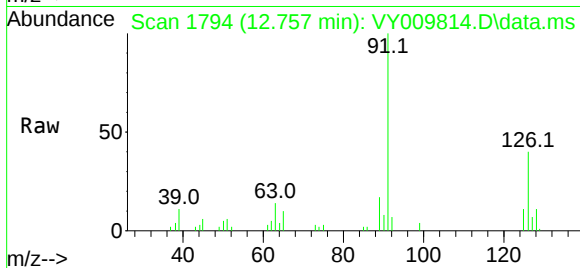
VSTDIC005

Tgt Ion: 91 Resp: 7224

Ion Ratio Lower Upper

91 100

126 38.0 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 4.388 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. -0.000 min

Lab File: VY009814.D

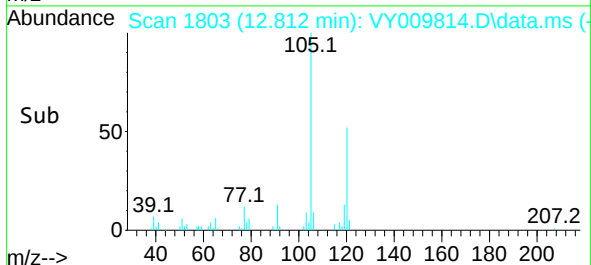
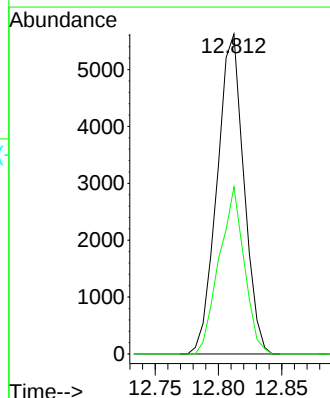
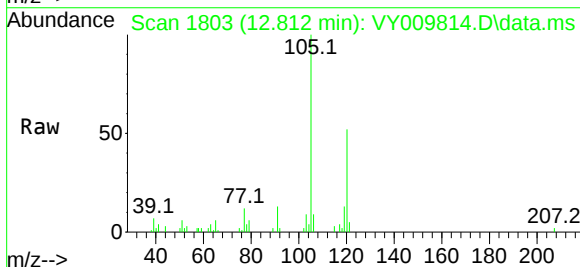
Acq: 03 Aug 2022 12:12

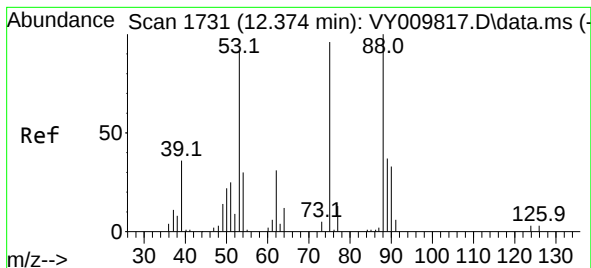
Tgt Ion: 105 Resp: 8275

Ion Ratio Lower Upper

105 100

120 49.0 25.6 76.6

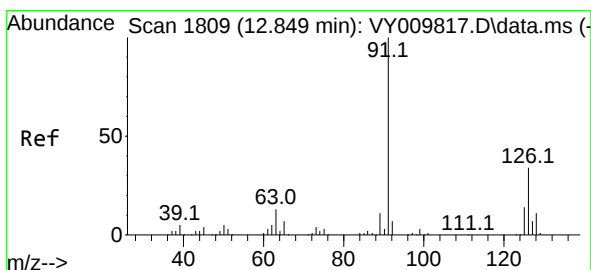
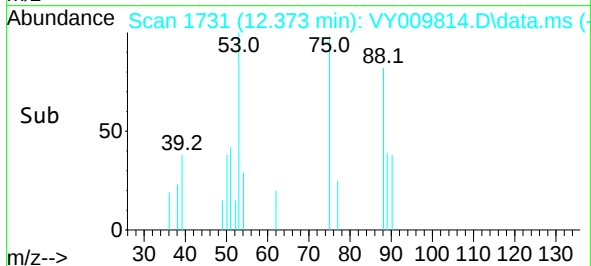
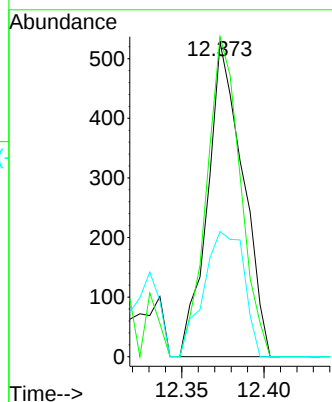
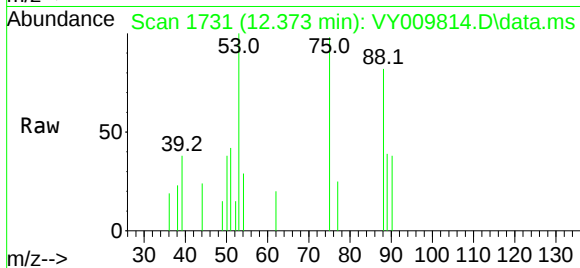




#81
trans-1,4-Dichloro-2-butene
Concen: 4.594 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

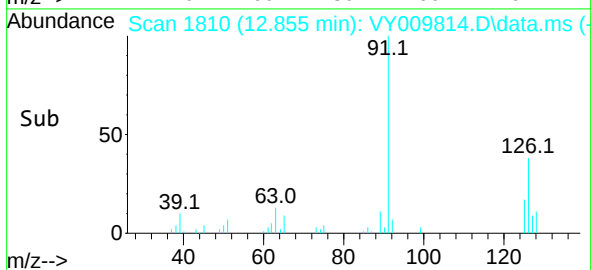
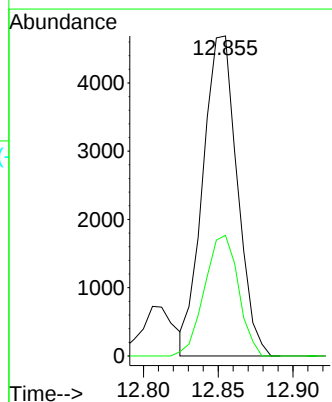
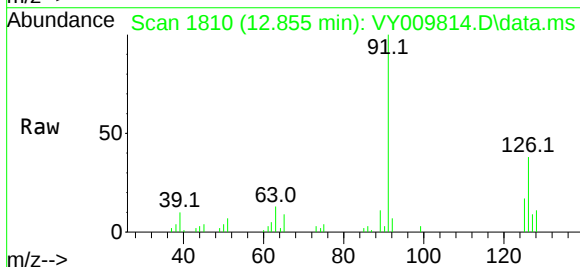
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

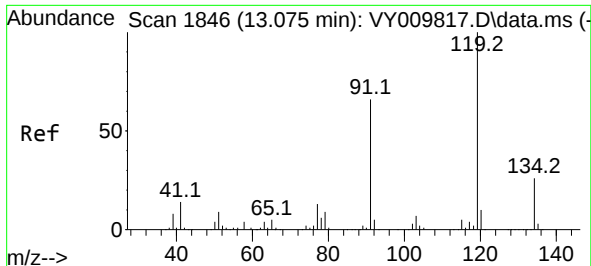
Tgt Ion: 75 Resp: 788
Ion Ratio Lower Upper
75 100
53 96.3 74.2 111.4
89 45.6 35.3 52.9



#82
4-Chlorotoluene
Concen: 4.524 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion: 91 Resp: 7494
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.8

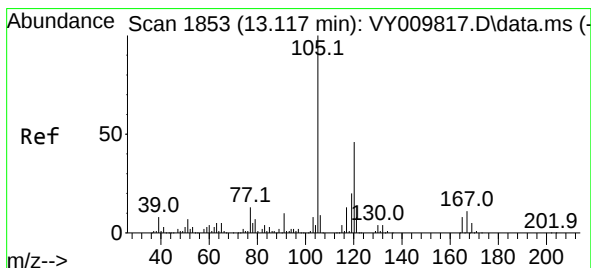
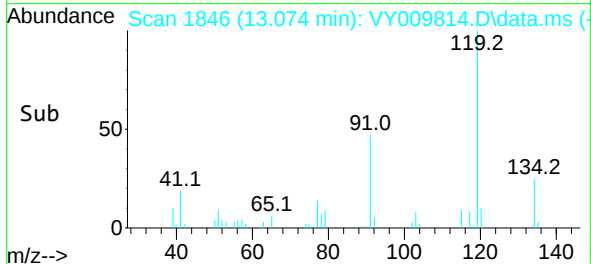
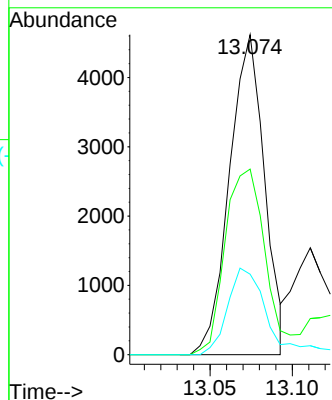
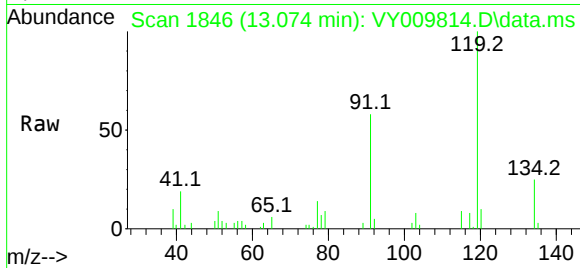




#83
tert-Butylbenzene
Concen: 4.253 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

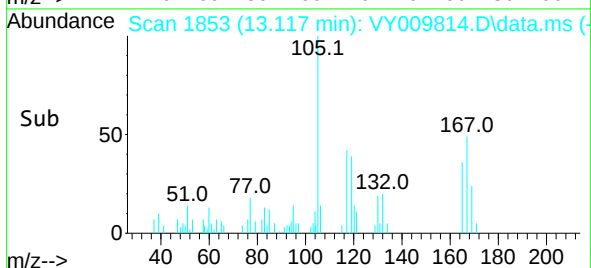
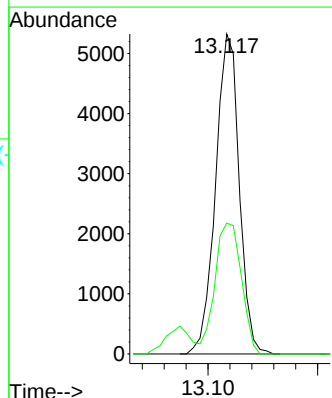
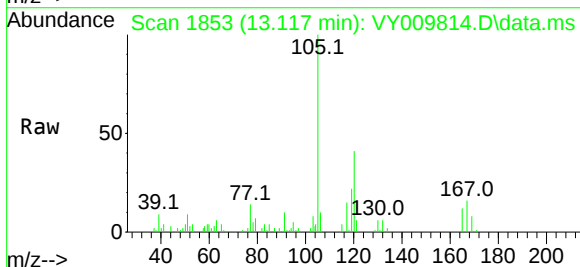
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

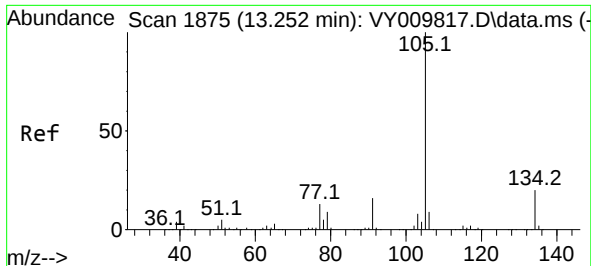
Tgt Ion:	119	Resp:	6855
Ion	Ratio	Lower	Upper
119	100		
91	66.1	32.0	96.0
134	30.2	13.5	40.5



#84
1,2,4-Trimethylbenzene
Concen: 4.294 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion:	105	Resp:	7983
Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.0	69.0

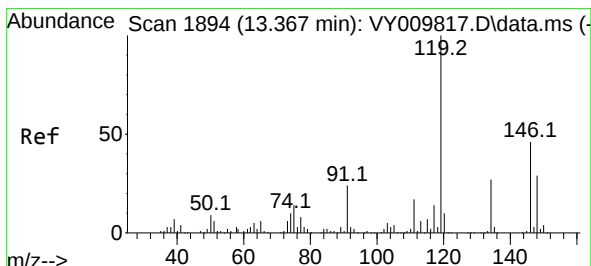
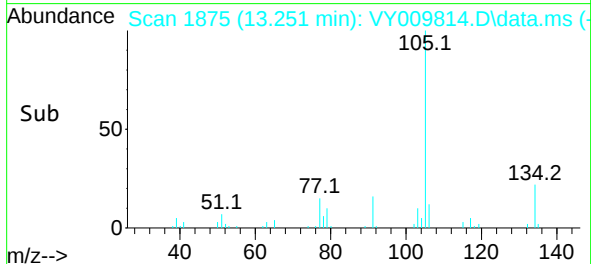
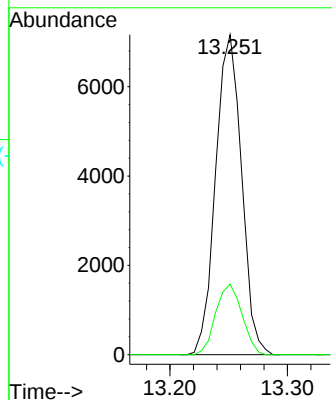
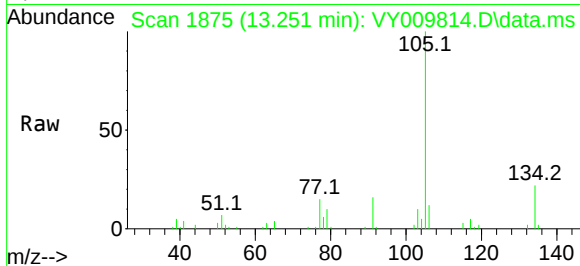




#85
 sec-Butylbenzene
 Concen: 4.456 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY009814.D
 Acq: 03 Aug 2022 12:12

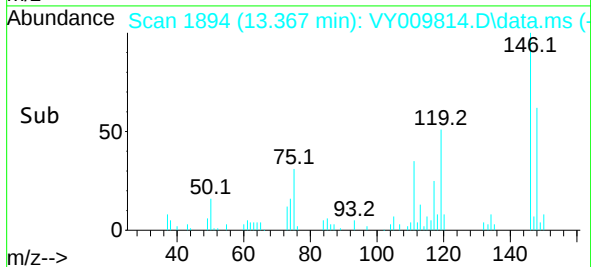
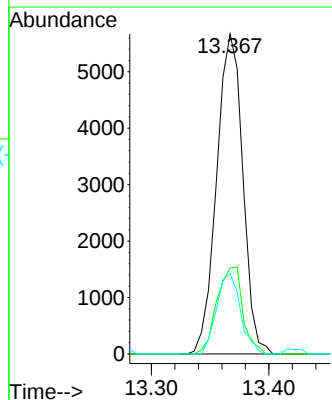
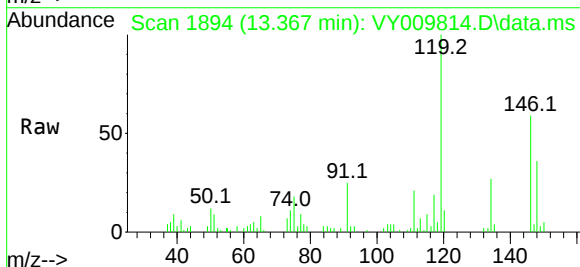
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC005

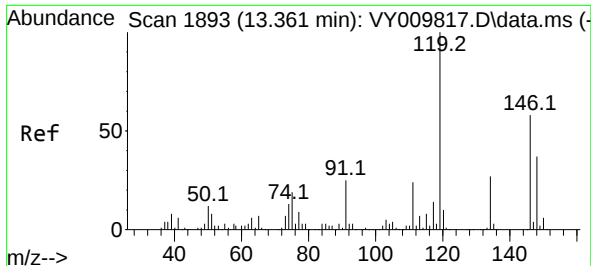
Tgt Ion:105 Resp: 10979
 Ion Ratio Lower Upper
 105 100
 134 22.3 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 4.389 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY009814.D
 Acq: 03 Aug 2022 12:12

Tgt Ion:119 Resp: 8771
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.5 40.4
 91 23.2 11.9 35.5

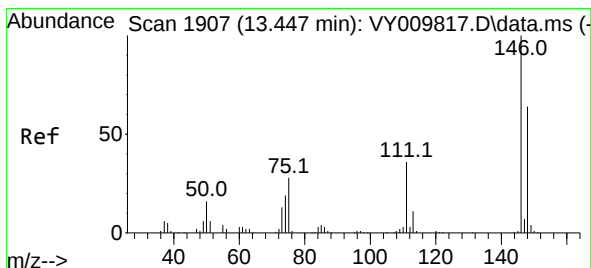
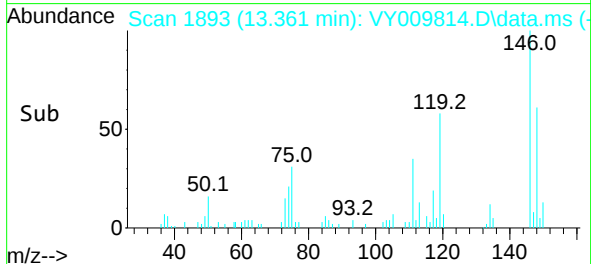
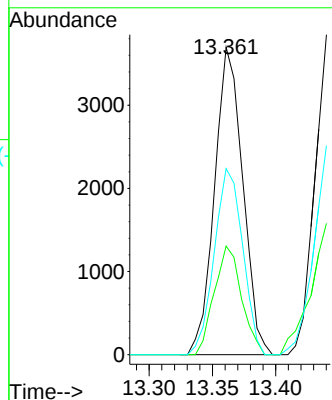
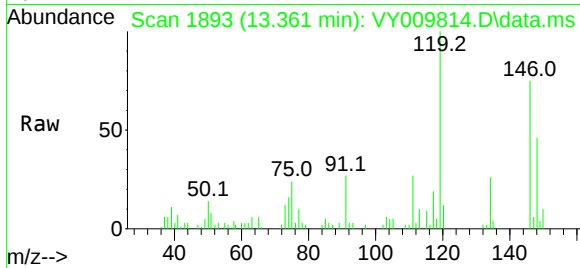




#87
1,3-Dichlorobenzene
Concen: 5.195 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

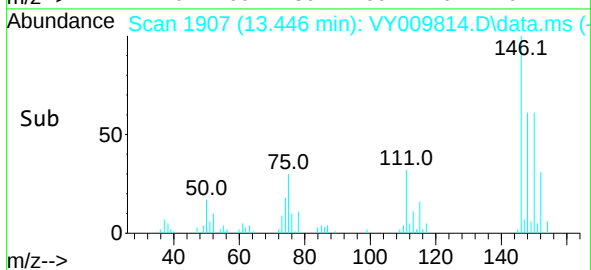
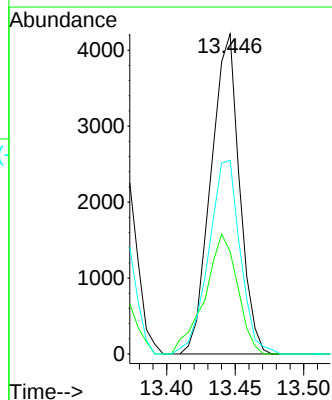
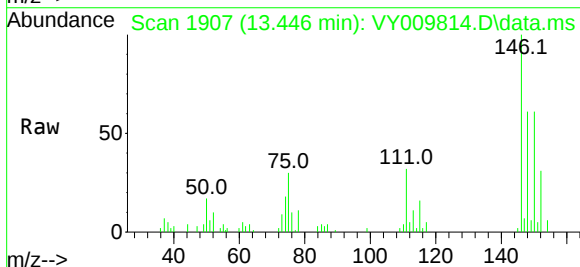
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

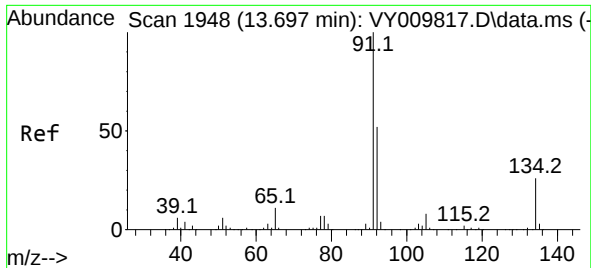
Tgt Ion:146 Resp: 5729
Ion Ratio Lower Upper
146 100
111 34.2 19.6 58.7
148 61.0 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 5.442 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion:146 Resp: 6108
Ion Ratio Lower Upper
146 100
111 42.8 18.6 56.0
148 66.8 31.8 95.3

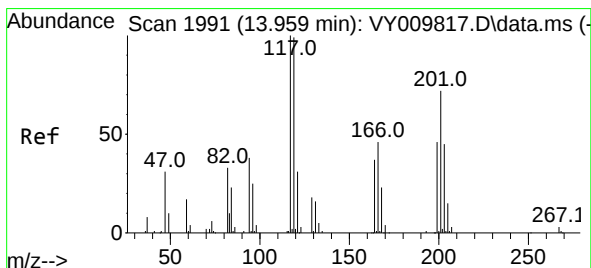
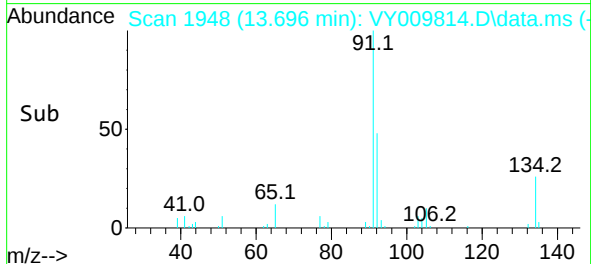
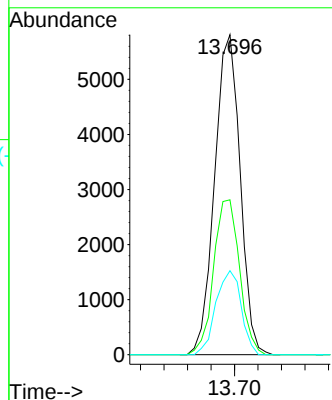
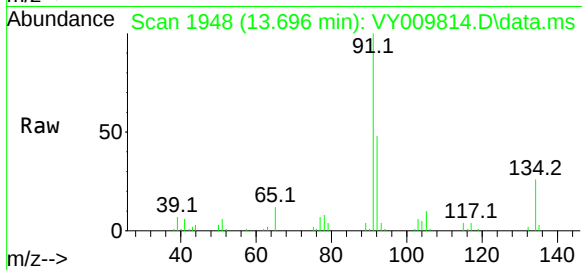




#89
n-Butylbenzene
Concen: 4.480 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

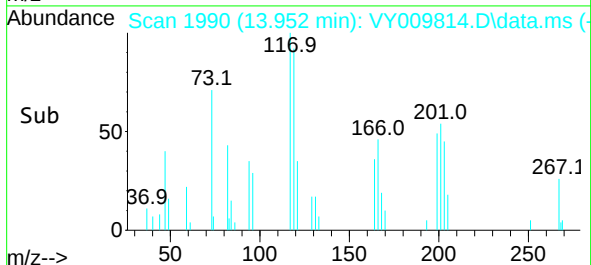
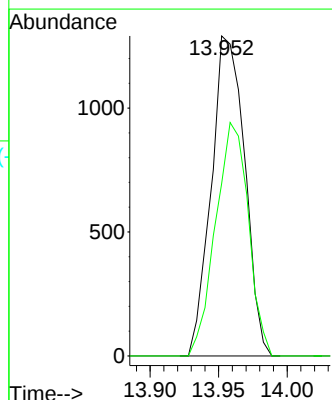
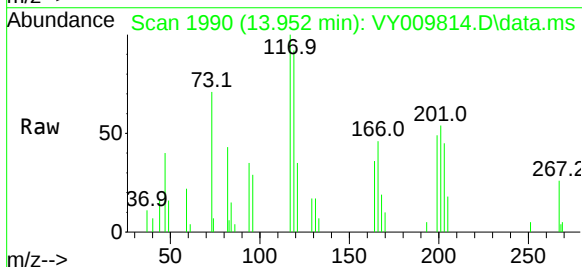
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

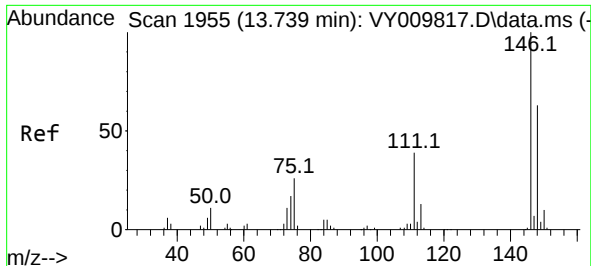
Tgt Ion:	91	Resp:	8766
Ion	Ratio	Lower	Upper
91	100		
92	49.2	25.9	77.8
134	26.0	12.9	38.6



#90
Hexachloroethane
Concen: 5.096 ug/l
RT: 13.952 min Scan# 1990
Delta R.T. -0.007 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion:	117	Resp:	2187
Ion	Ratio	Lower	Upper
117	100		
201	71.6	36.3	108.9





#91

1,2-Dichlorobenzene

Concen: 4.976 ug/l

RT: 13.733 min Scan# 1955

Delta R.T. -0.006 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC005

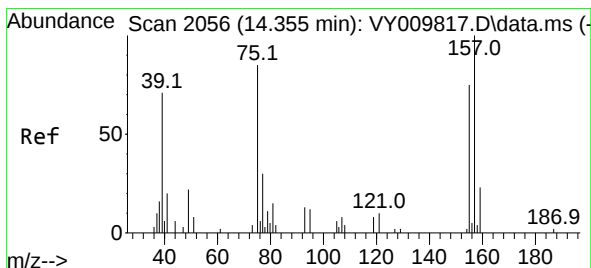
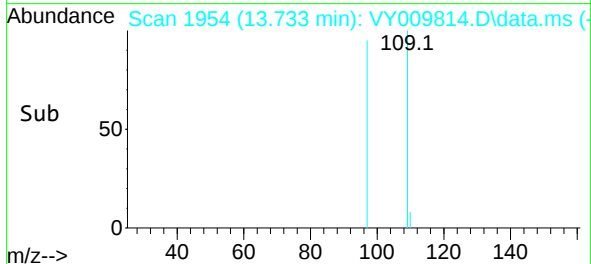
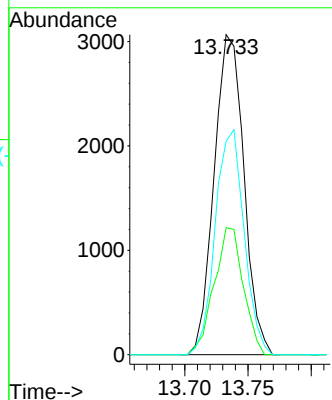
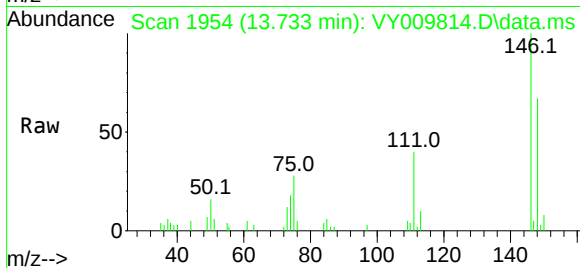
Tgt Ion:146 Resp: 5022

Ion Ratio Lower Upper

146 100

111 38.9 19.6 58.7

148 68.1 31.9 95.9



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.319 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY009814.D

Acq: 03 Aug 2022 12:12

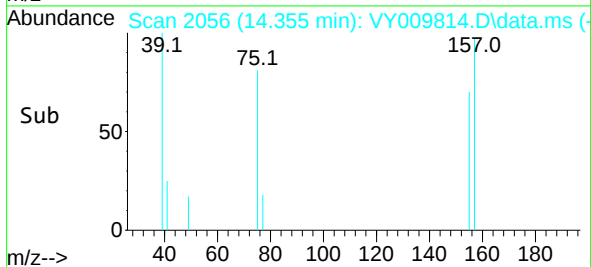
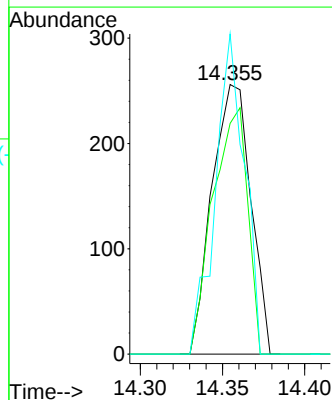
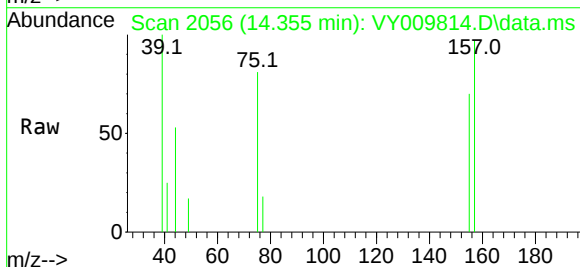
Tgt Ion: 75 Resp: 420

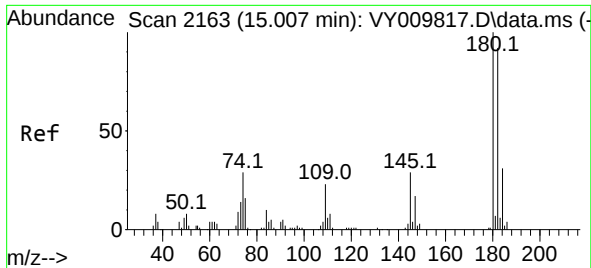
Ion Ratio Lower Upper

75 100

155 81.9 41.8 125.3

157 89.3 53.6 160.8

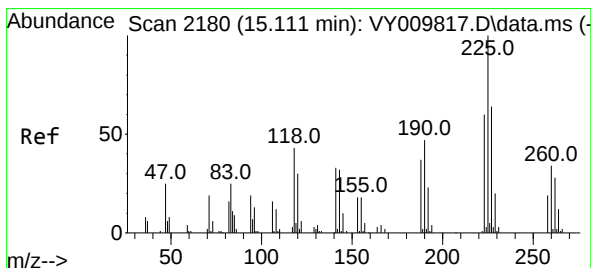
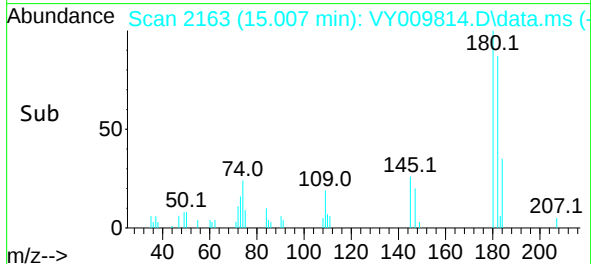
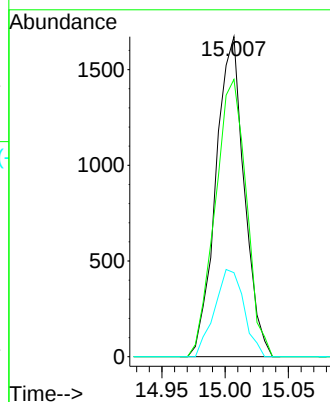
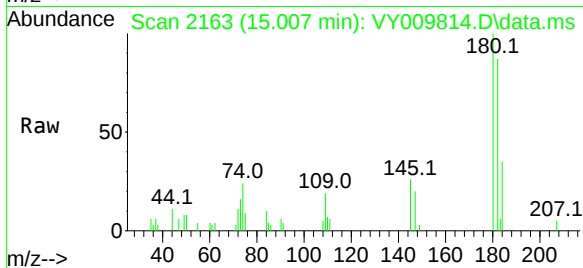




#93
1,2,4-Trichlorobenzene
Concen: 4.659 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

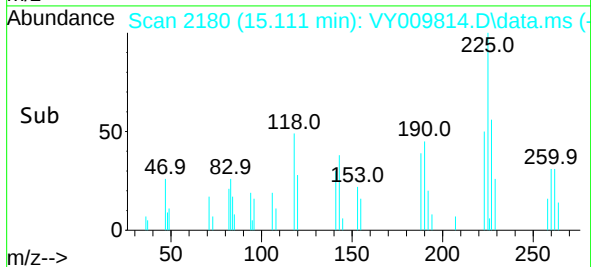
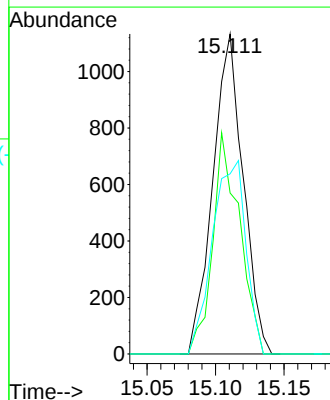
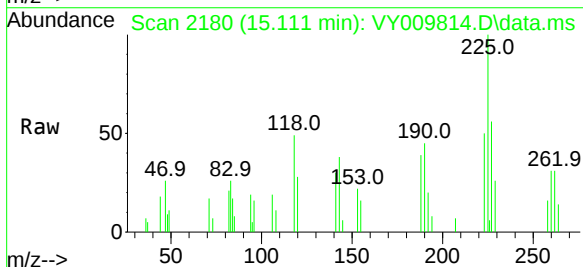
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

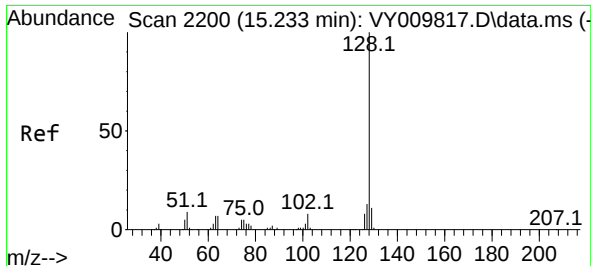
Tgt Ion:180	Resp:	2609
Ion Ratio	Lower	Upper
180	100	
182	95.1	46.8 140.3
145	28.2	15.7 47.0



#94
Hexachlorobutadiene
Concen: 5.311 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion:225	Resp:	1742
Ion Ratio	Lower	Upper
225	100	
223	61.2	29.4 88.3
227	66.6	31.9 95.7

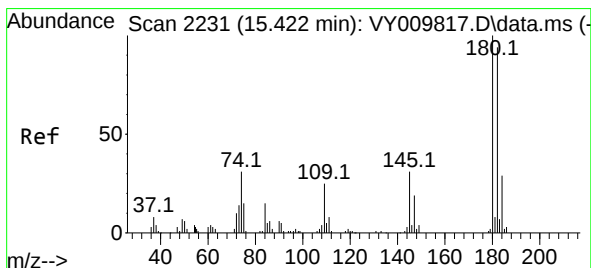
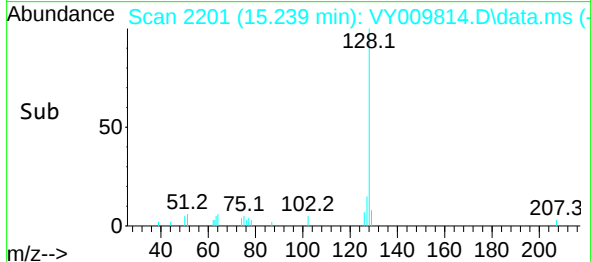
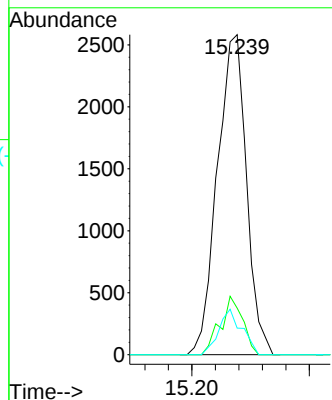
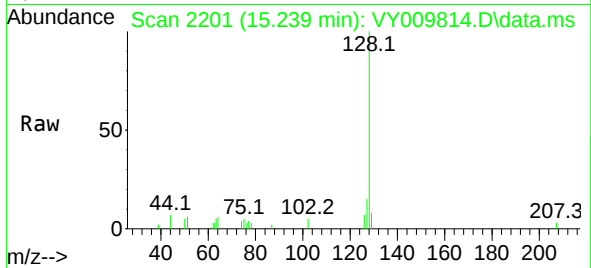




#95
Naphthalene
Concen: 3.996 ug/l
RT: 15.239 min Scan# 2200
Delta R.T. 0.006 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC005

Tgt Ion:128 Resp: 4442
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 11.3 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 4.714 ug/l
RT: 15.421 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY009814.D
Acq: 03 Aug 2022 12:12

Tgt Ion:180 Resp: 2335
Ion Ratio Lower Upper
180 100
182 83.6 47.2 141.6
145 29.0 15.2 45.6

