

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042123\
 Data File : VY013383.D
 Acq On : 21 Apr 2023 14:11
 Operator : KP/MD
 Sample : VSTDICC005
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC005

Quant Time: Apr 22 01:05:23 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042123S.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 22 01:00:41 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	269041	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	429097	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	377630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	186236	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	15458	5.482	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	10.960%#
35) Dibromofluoromethane	7.722	113	13217	4.921	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	9.840%#
50) Toluene-d8	10.179	98	48729	5.073	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	10.140%#
62) 4-Bromofluorobenzene	12.483	95	14698	4.595	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	9.200%#
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	12084	4.422	ug/l	90
3) Chloromethane	2.113	50	13401	4.461	ug/l	95
4) Vinyl Chloride	2.247	62	11854	4.184	ug/l	94
5) Bromomethane	2.656	94	10123	5.249	ug/l	84
6) Chloroethane	2.790	64	7685	4.508	ug/l	91
7) Trichlorofluoromethane	3.125	101	21654	4.531	ug/l	100
8) Diethyl Ether	3.534	74	7560	4.506	ug/l	62
9) 1,1,2-Trichlorotrifluo...	3.899	101	13312	4.872	ug/l	95
10) Methyl Iodide	4.094	142	15598	4.282	ug/l	97
11) Tert butyl alcohol	4.978	59	3918	12.236	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	12943	4.836	ug/l	94
13) Acrolein	3.729	56	8601	28.630	ug/l	89
14) Allyl chloride	4.485	41	23273	5.133	ug/l	92
15) Acrylonitrile	5.167	53	25022	26.833	ug/l	97
16) Acetone	3.954	43	29146	25.280	ug/l	95
17) Carbon Disulfide	4.192	76	40637	4.680	ug/l	98
18) Methyl Acetate	4.485	43	20509	5.819	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	35616	4.717	ug/l	99
20) Methylene Chloride	4.716	84	42273	2.893	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	14887	4.981	ug/l	96
22) Diisopropyl ether	6.118	45	42787	5.024	ug/l #	87
23) Vinyl Acetate	6.064	43	136770	25.143	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	26844	5.195	ug/l	98
25) 2-Butanone	6.990	43	35277	26.507	ug/l	96
26) 2,2-Dichloropropane	6.978	77	22028	4.977	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	15431	4.882	ug/l	97
28) Bromochloromethane	7.332	49	9995	5.802	ug/l #	77
29) Tetrahydrofuran	7.356	42	22351	28.363	ug/l	89
30) Chloroform	7.502	83	27948	5.232	ug/l	97
31) Cyclohexane	7.789	56	25982	5.810	ug/l #	90
32) 1,1,1-Trichloroethane	7.697	97	23142	4.889	ug/l	94
36) 1,1-Dichloropropene	7.917	75	18884	4.629	ug/l	97
37) Ethyl Acetate	7.070	43	14285	4.676	ug/l	98
38) Carbon Tetrachloride	7.905	117	21896	4.637	ug/l #	90
39) Methylcyclohexane	9.185	83	21953	4.686	ug/l	97
40) Benzene	8.161	78	59063	4.995	ug/l	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	20318	13.727	ug/l #	46
42) 1,2-Dichloroethane	8.234	62	19355	4.974	ug/l	97
43) Isopropyl Acetate	8.271	43	25275	5.196	ug/l	97
44) Trichloroethene	8.941	130	15748	4.755	ug/l	99
45) 1,2-Dichloropropane	9.215	63	15427	5.382	ug/l	100
46) Dibromomethane	9.307	93	9384	4.890	ug/l	99
47) Bromodichloromethane	9.496	83	20876	4.858	ug/l	94
48) Methyl methacrylate	9.295	41	10718	4.696	ug/l	99
49) 1,4-Dioxane	9.331	88	2787	96.083	ug/l #	79
51) 4-Methyl-2-Pentanone	10.069	43	71828	26.019	ug/l	96
52) Toluene	10.240	92	34035	4.592	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	21979	4.857	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	24409	4.975	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	13085	5.012	ug/l	94
56) Ethyl methacrylate	10.508	69	15793	4.556	ug/l	94
57) 1,3-Dichloropropane	10.788	76	21534	5.102	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	34356	26.547	ug/l	96
59) 2-Hexanone	10.831	43	50949	24.325	ug/l	98
60) Dibromochloromethane	10.983	129	15254	4.660	ug/l	94
61) 1,2-Dibromoethane	11.087	107	12858	4.982	ug/l	95
64) Tetrachloroethene	10.721	164	13976	4.901	ug/l	94
65) Chlorobenzene	11.514	112	39349	4.913	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.587	131	14241	4.685	ug/l	92
67) Ethyl Benzene	11.593	91	62063	4.569	ug/l	100
68) m/p-Xylenes	11.703	106	47078	8.895	ug/l	100
69) o-Xylene	12.032	106	22192	4.486	ug/l	99
70) Styrene	12.044	104	35958	4.346	ug/l	98
71) Bromoform	12.209	173	10782	4.797	ug/l #	100
73) Isopropylbenzene	12.331	105	57613	4.582	ug/l	99
74) N-amyl acetate	12.142	43	17332	4.424	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	15933	5.189	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	19958	9.245	ug/l #	100
77) Bromobenzene	12.605	156	16190	4.897	ug/l	95
78) n-propylbenzene	12.672	91	69129	4.521	ug/l	99
79) 2-Chlorotoluene	12.758	91	40522	4.656	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	46789	4.443	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	5326	4.869	ug/l	97
82) 4-Chlorotoluene	12.855	91	41163	4.539	ug/l	97
83) tert-Butylbenzene	13.075	119	41317	4.531	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	44454	4.303	ug/l	99
85) sec-Butylbenzene	13.251	105	59562	4.424	ug/l	99
86) p-Isopropyltoluene	13.367	119	51423	4.573	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	30914	4.924	ug/l	97
88) 1,4-Dichlorobenzene	13.446	146	31631	4.982	ug/l	96
89) n-Butylbenzene	13.696	91	49638	4.721	ug/l	97
90) Hexachloroethane	13.959	117	11587	4.883	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	28694	4.942	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	2695	4.772	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	15760	4.507	ug/l	98
94) Hexachlorobutadiene	15.111	225	10736	5.011	ug/l	94
95) Naphthalene	15.239	128	31881	4.249	ug/l	97
96) 1,2,3-Trichlorobenzene	15.428	180	15574	4.801	ug/l	98

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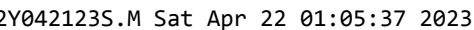
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MSVOA_V
ClientSampleId :
VSTDICC005

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QLast Update : Sat Apr 22 01:00:41 2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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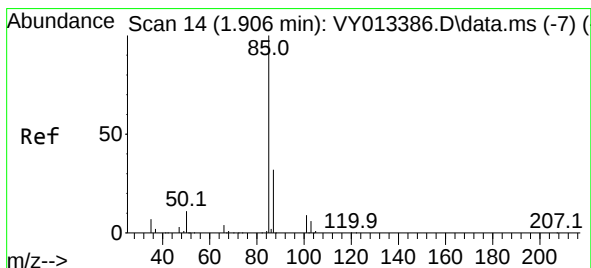
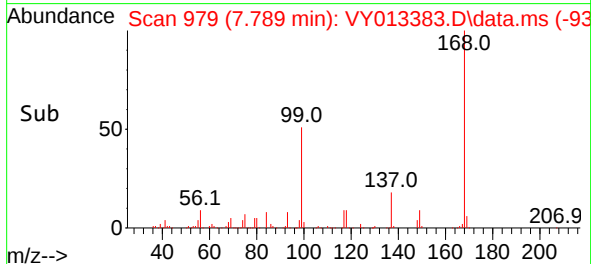
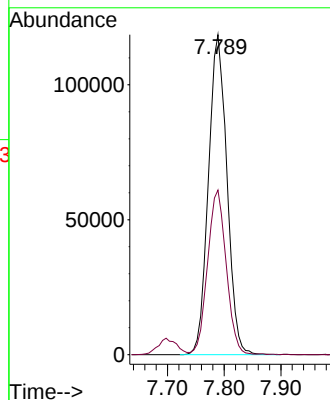
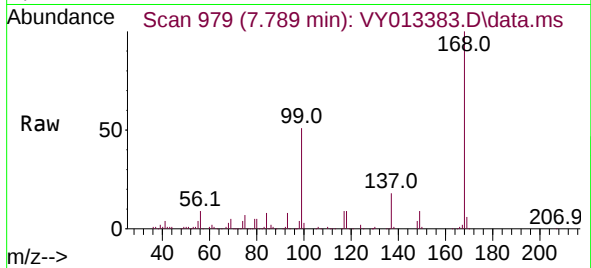




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013383.D
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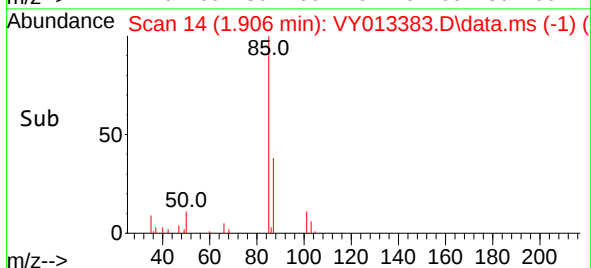
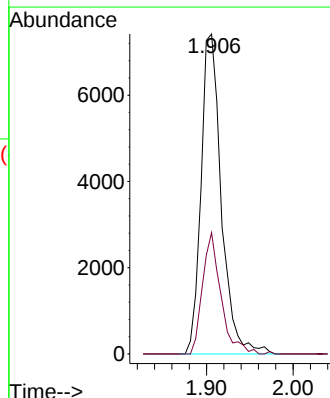
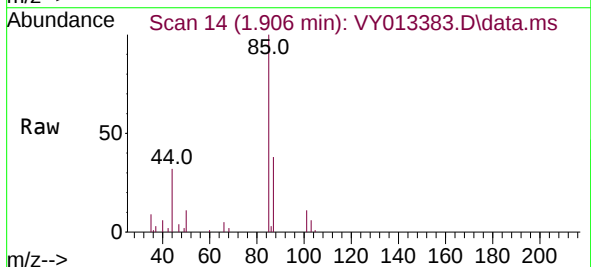
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:168 Resp: 269041
Ion Ratio Lower Upper
168 100
99 51.4 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 4.422 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 85 Resp: 12084
Ion Ratio Lower Upper
85 100
87 37.9 16.1 48.2

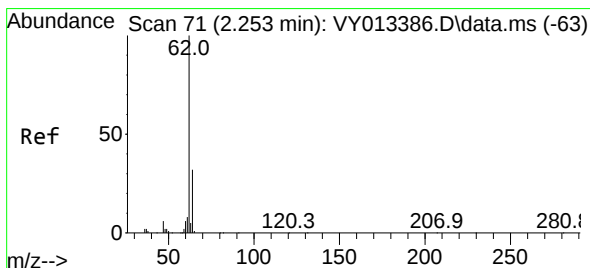
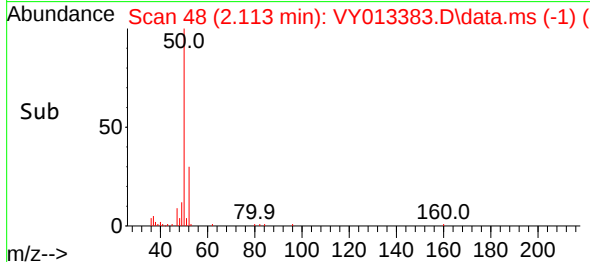
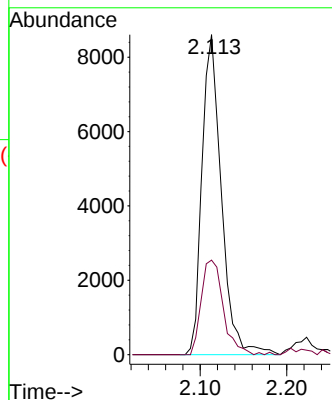
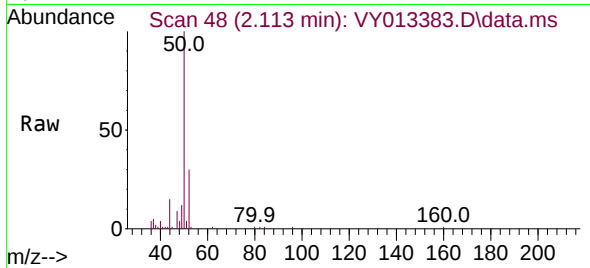




#3
Chloromethane
Concen: 4.461 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

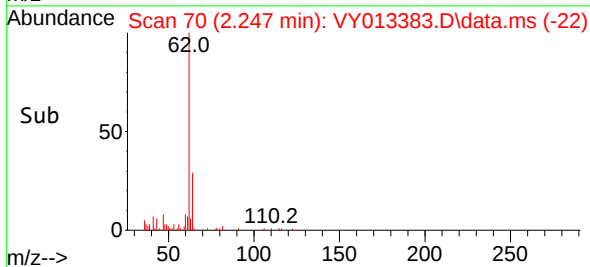
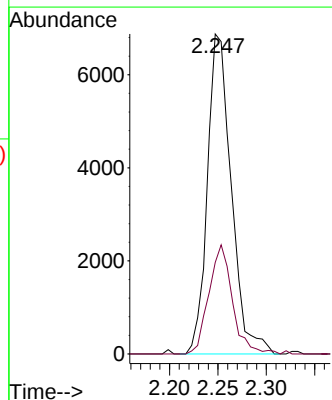
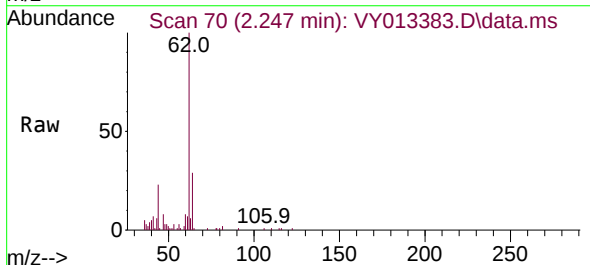
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

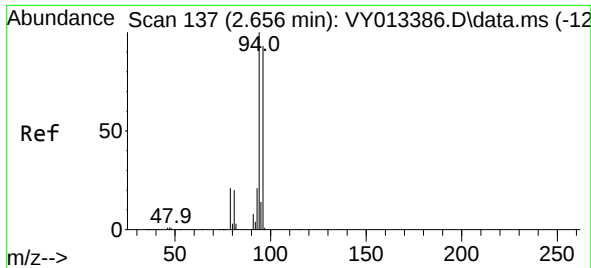
Tgt Ion: 50 Resp: 13401
Ion Ratio Lower Upper
50 100
52 29.5 25.9 38.9



#4
Vinyl Chloride
Concen: 4.184 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 62 Resp: 11854
Ion Ratio Lower Upper
62 100
64 28.6 25.4 38.0

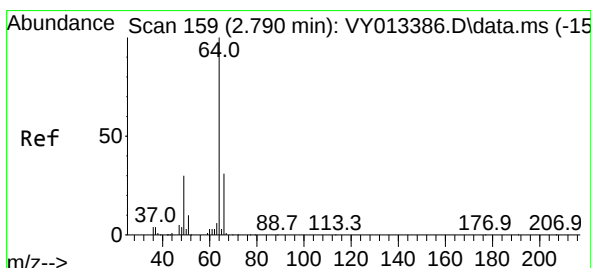
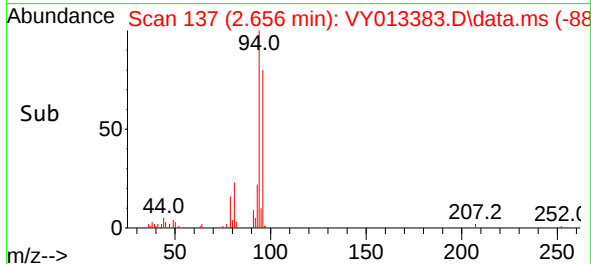
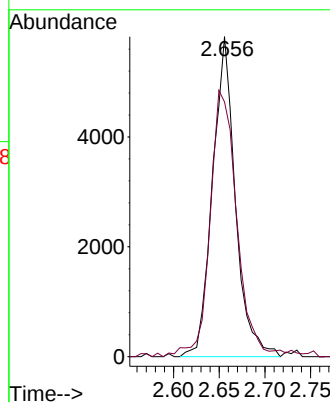
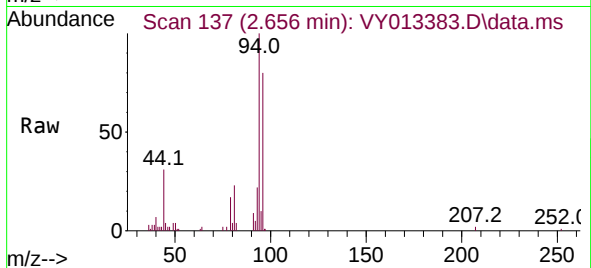




#5
Bromomethane
Concen: 5.249 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

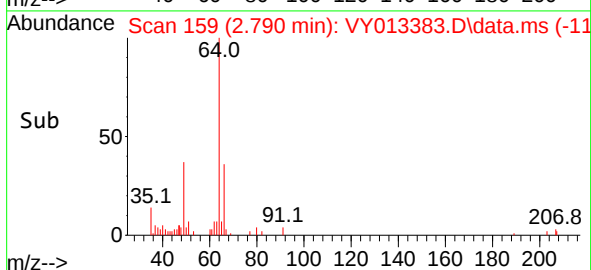
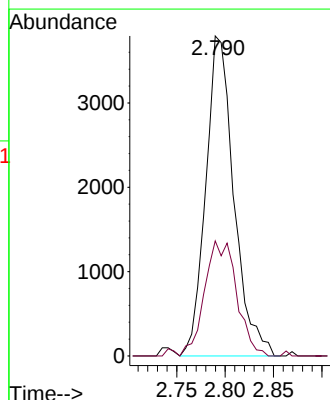
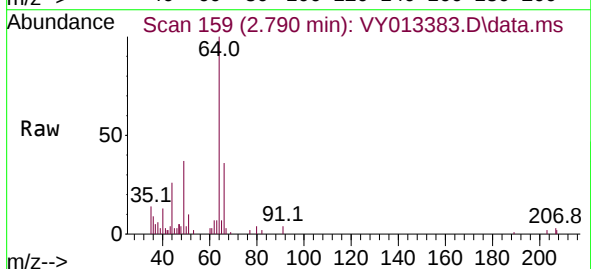
Instrument :
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Tgt Ion: 94 Resp: 10123
Ion Ratio Lower Upper
94 100
96 77.6 74.2 111.2



#6
Chloroethane
Concen: 4.508 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 64 Resp: 7685
Ion Ratio Lower Upper
64 100
66 35.9 24.6 37.0

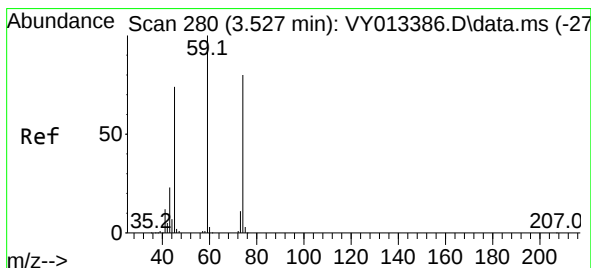
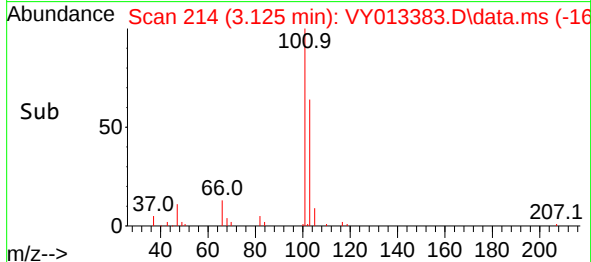
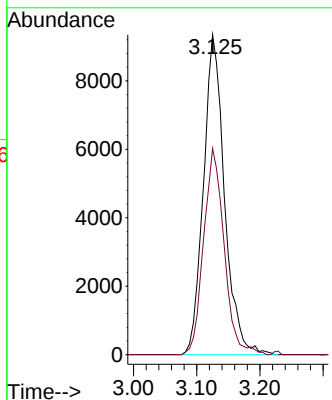
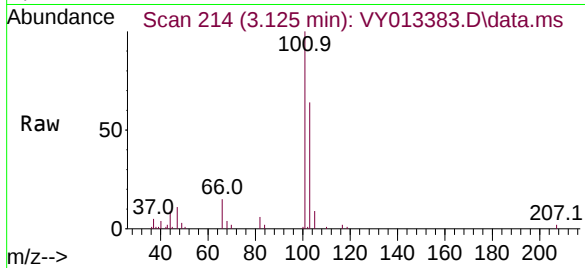




#7
 Trichlorofluoromethane
 Concen: 4.531 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013383.D
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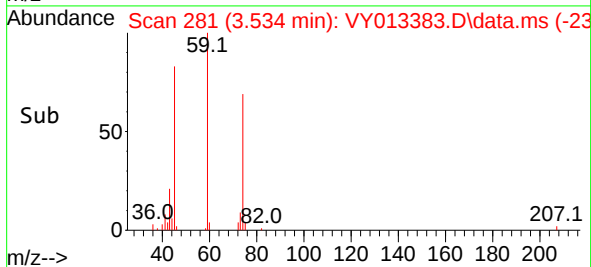
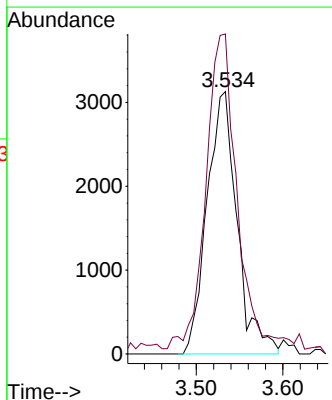
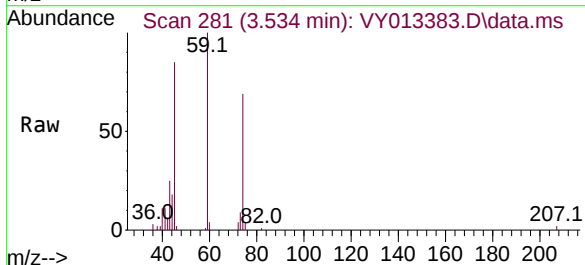
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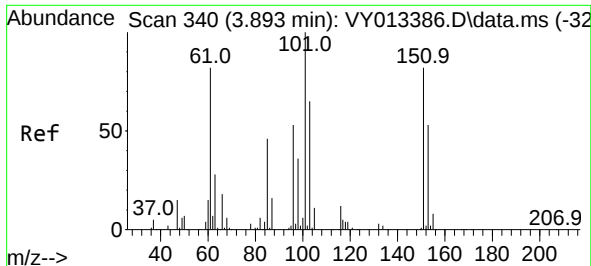
Tgt Ion: 101 Resp: 21654
 Ion Ratio Lower Upper
 101 100
 103 64.5 51.6 77.4



#8
 Diethyl Ether
 Concen: 4.506 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.006 min
 Lab File: VY013383.D
 Acq: 21 Apr 2023 14:11

Tgt Ion: 74 Resp: 7560
 Ion Ratio Lower Upper
 74 100
 45 133.7 48.2 144.6

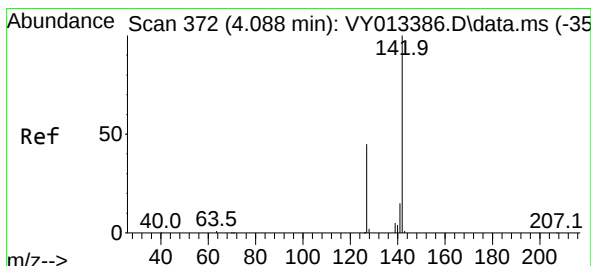
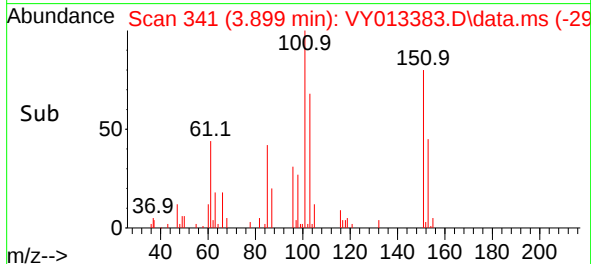
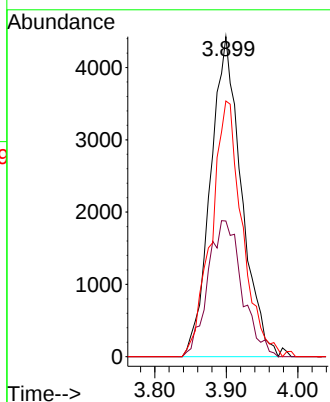
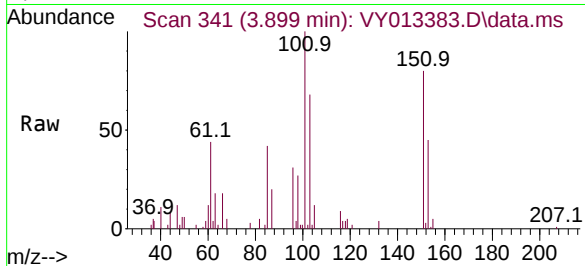




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.872 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013383.D
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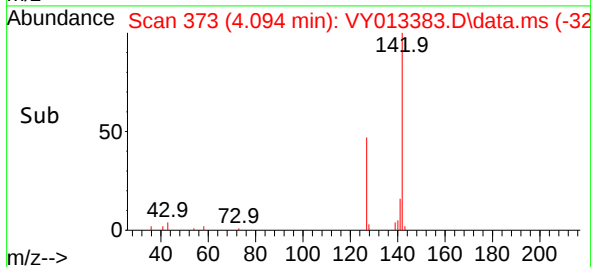
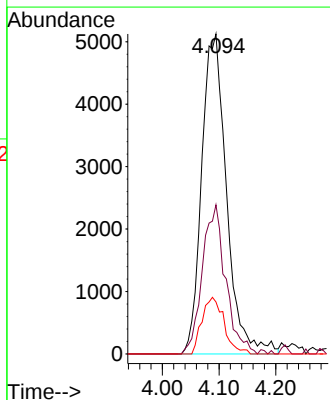
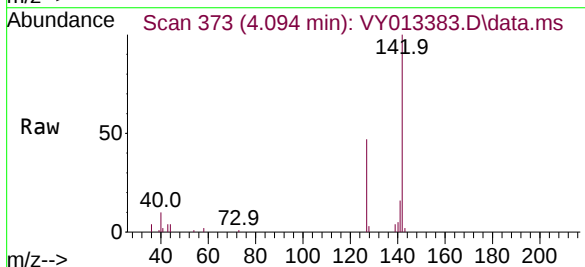
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:101 Resp: 13312
Ion Ratio Lower Upper
101 100
85 46.8 35.6 53.4
151 79.6 68.0 102.0



#10
Methyl Iodide
Concen: 4.282 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion:142 Resp: 15598
Ion Ratio Lower Upper
142 100
127 43.6 36.1 54.1
141 15.7 11.6 17.4

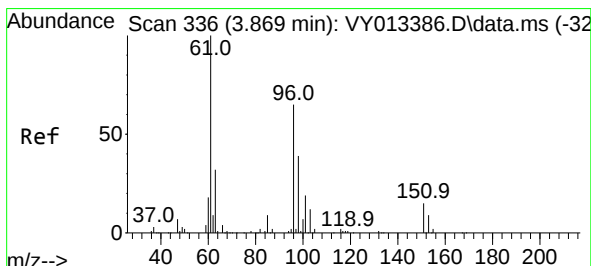
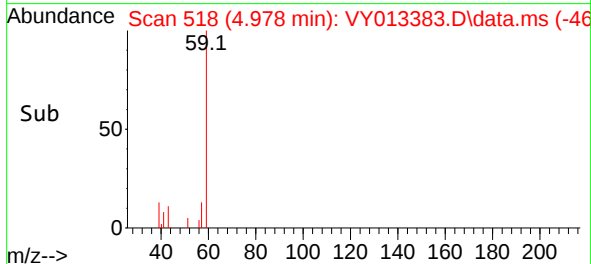
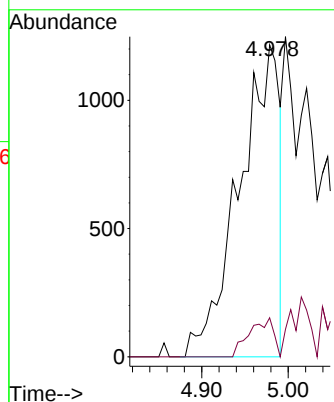
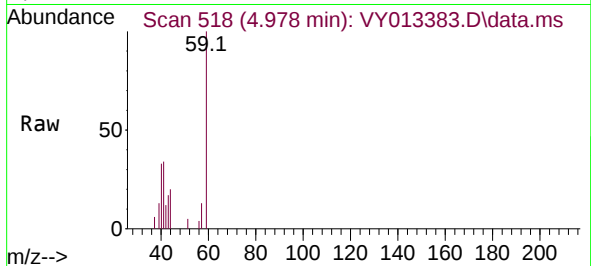




#11
Tert butyl alcohol
Concen: 12.236 ug/l
RT: 4.978 min Scan# 518
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

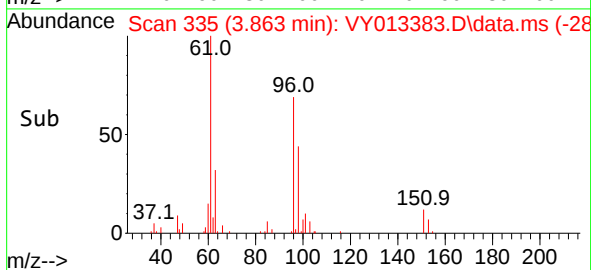
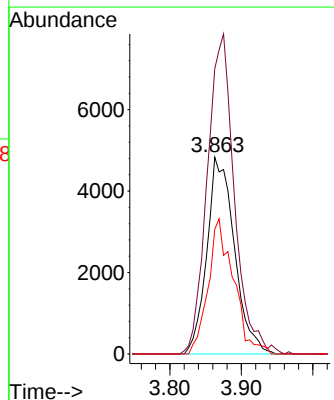
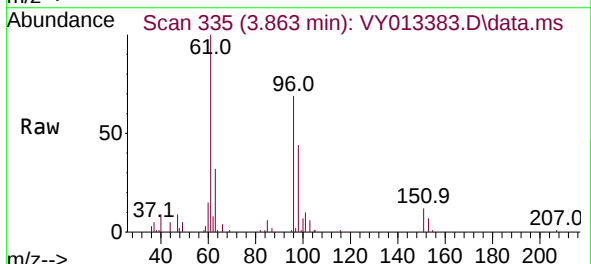
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

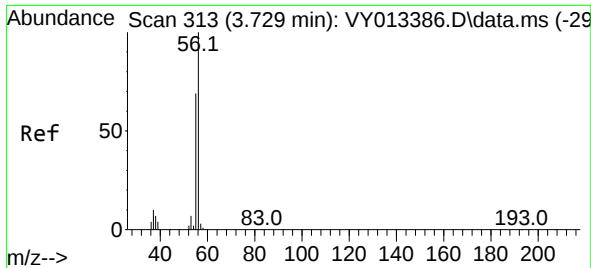
Tgt Ion: 59 Resp: 3918
Ion Ratio Lower Upper
59 100
57 7.5 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 4.836 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 96 Resp: 12943
Ion Ratio Lower Upper
96 100
61 145.0 123.9 185.9
98 63.4 48.9 73.3





#13

Acrolein

Concen: 28.630 ug/l

RT: 3.729 min Scan# 313

Delta R.T. -0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

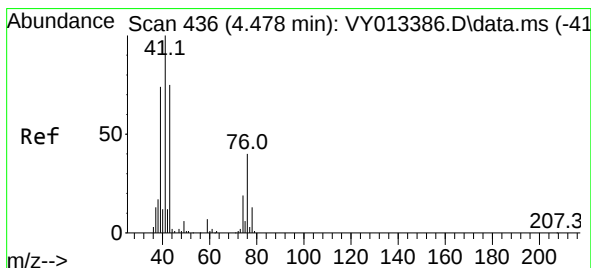
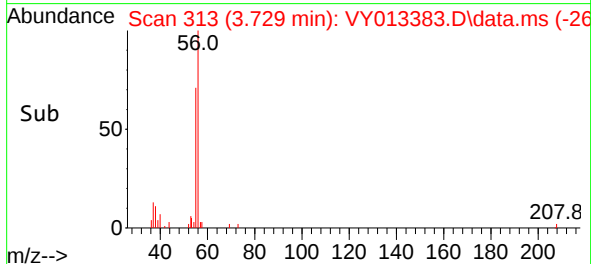
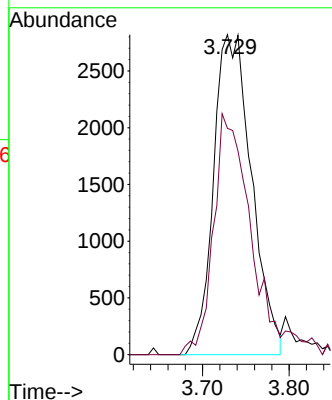
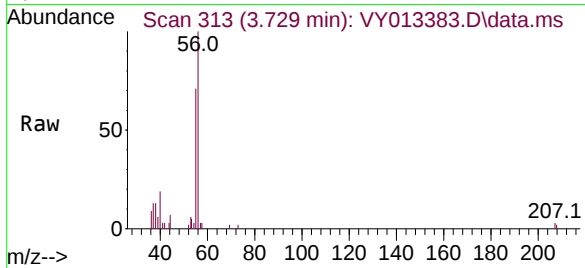
VSTDICC005

Tgt Ion: 56 Resp: 8601

Ion Ratio Lower Upper

56 100

55 76.2 54.1 81.1



#14

Allyl chloride

Concen: 5.133 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

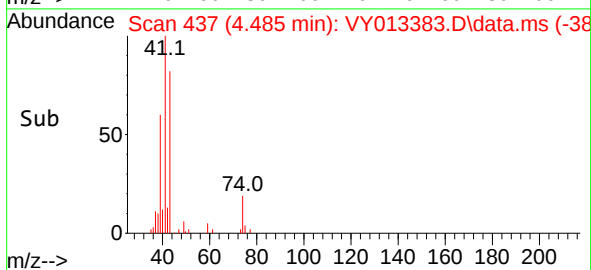
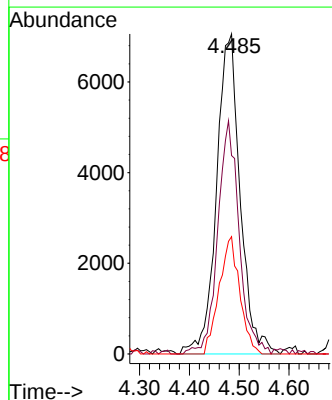
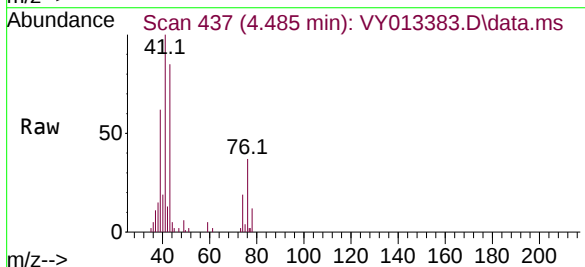
Tgt Ion: 41 Resp: 23273

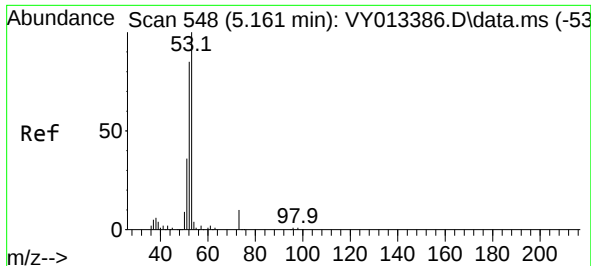
Ion Ratio Lower Upper

41 100

39 65.7 56.6 85.0

76 31.9 30.5 45.7

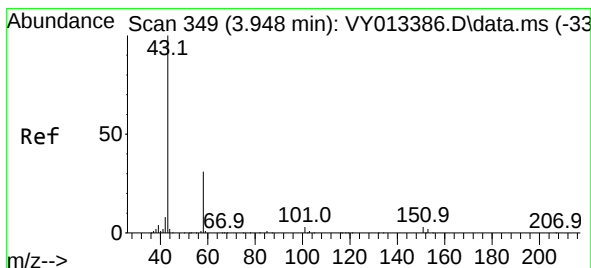
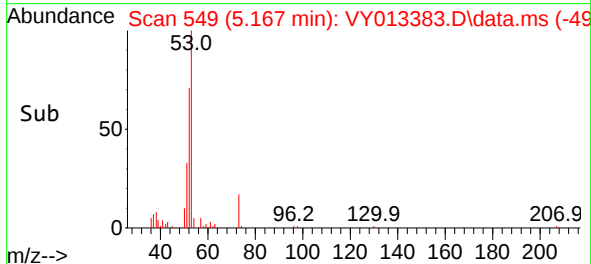
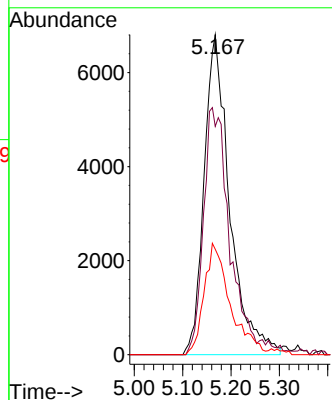
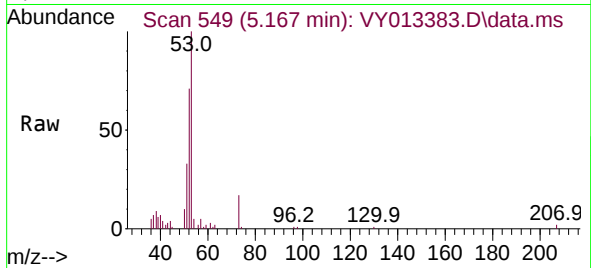




#15
Acrylonitrile
Concen: 26.833 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

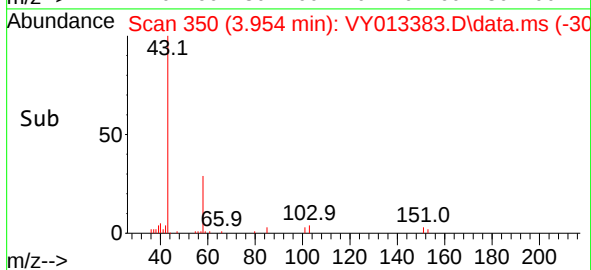
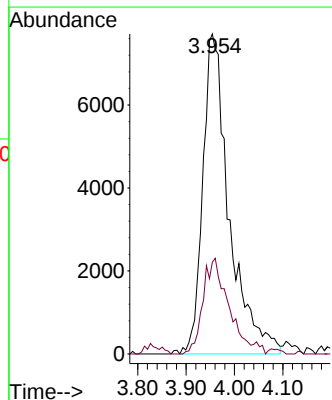
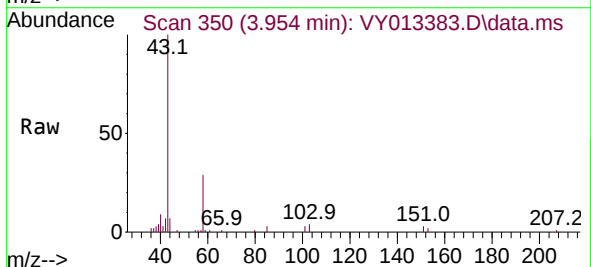
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC005

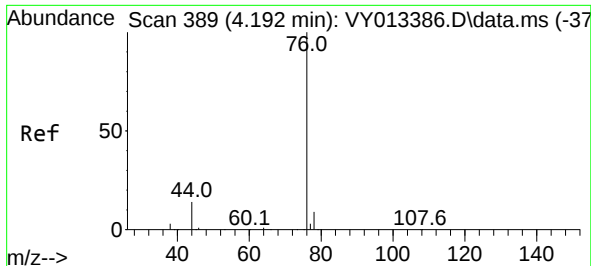
Tgt Ion: 53 Resp: 25022
Ion Ratio Lower Upper
53 100
52 78.2 65.4 98.0
51 35.5 29.3 43.9



#16
Acetone
Concen: 25.280 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 43 Resp: 29146
Ion Ratio Lower Upper
43 100
58 28.7 25.4 38.0

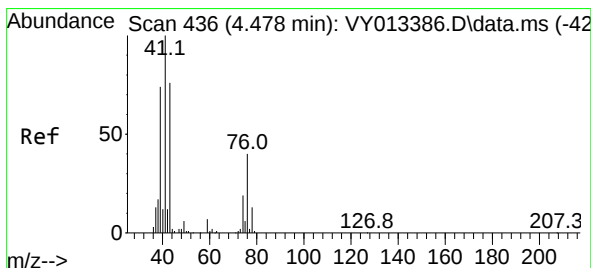
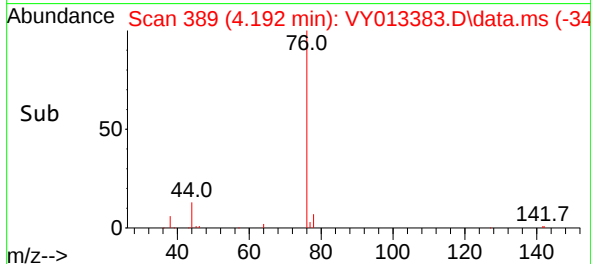
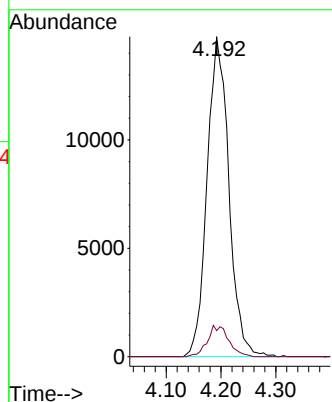
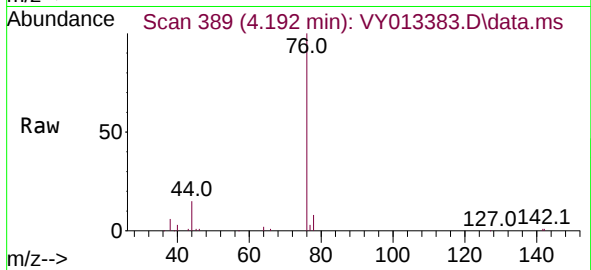




#17
Carbon Disulfide
Concen: 4.680 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

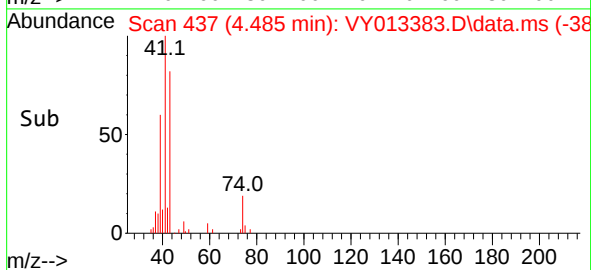
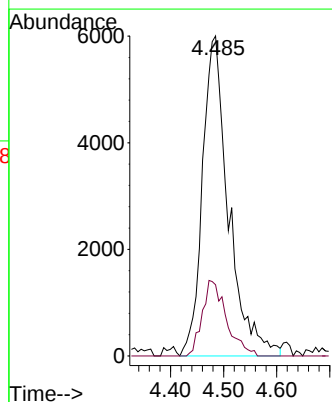
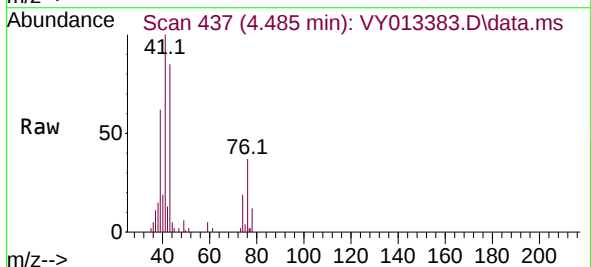
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

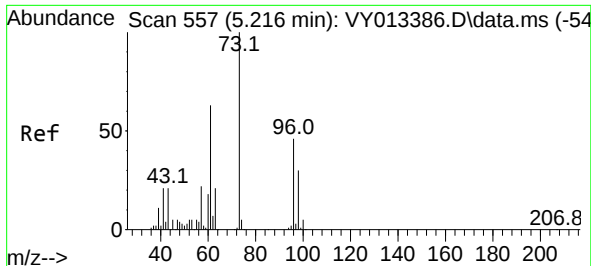
Tgt Ion: 76 Resp: 40637
Ion Ratio Lower Upper
76 100
78 8.2 7.2 10.8



#18
Methyl Acetate
Concen: 5.819 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 43 Resp: 20509
Ion Ratio Lower Upper
43 100
74 21.9 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 4.717 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

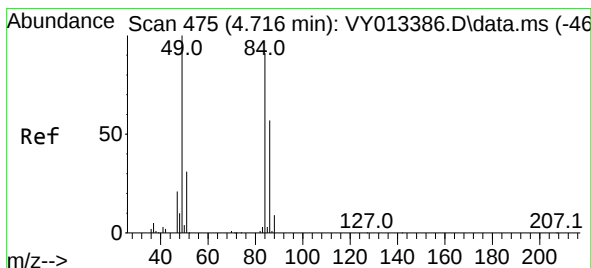
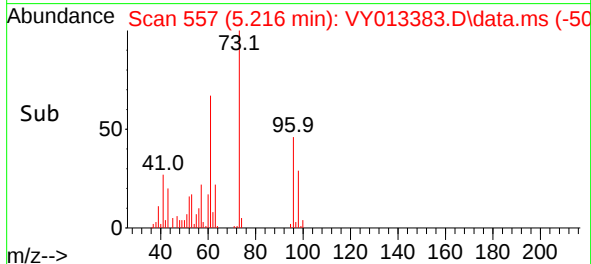
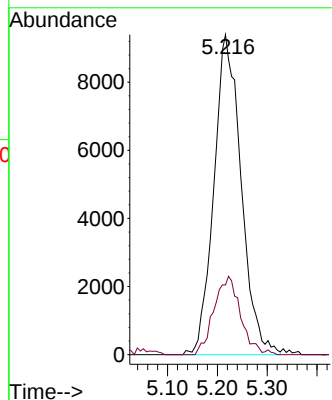
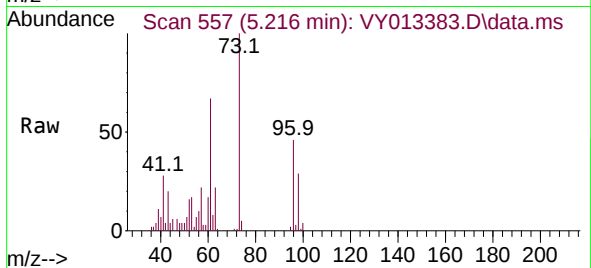
VSTDIC005

Tgt Ion: 73 Resp: 35616

Ion Ratio Lower Upper

73 100

57 21.8 17.8 26.8



#20

Methylene Chloride

Concen: 2.893 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Tgt Ion: 84 Resp: 42273

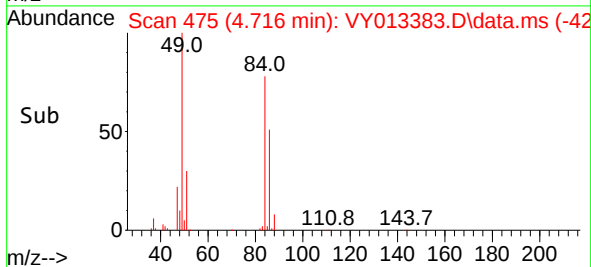
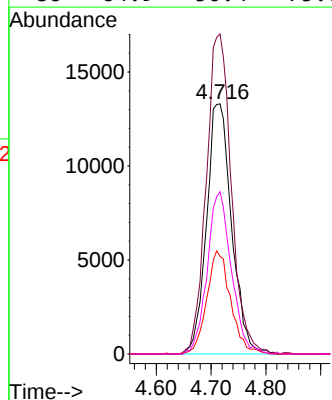
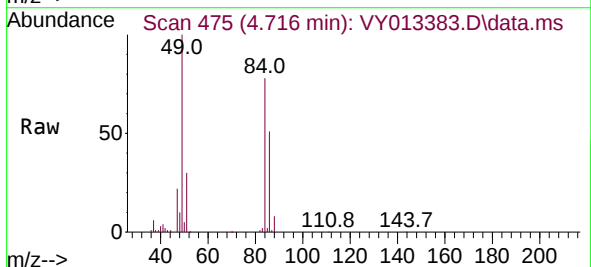
Ion Ratio Lower Upper

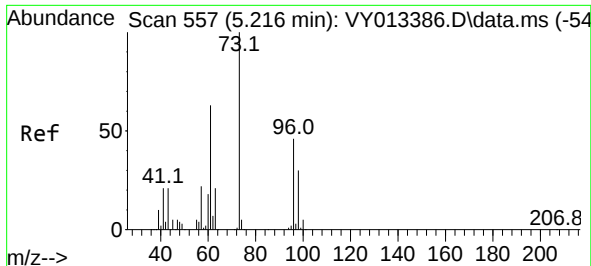
84 100

49 127.9 88.0 132.0

51 39.0 27.4 41.0

86 64.9 50.4 75.6

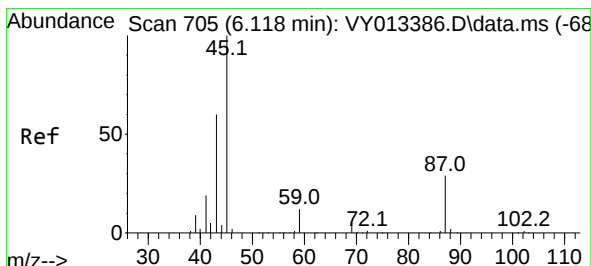
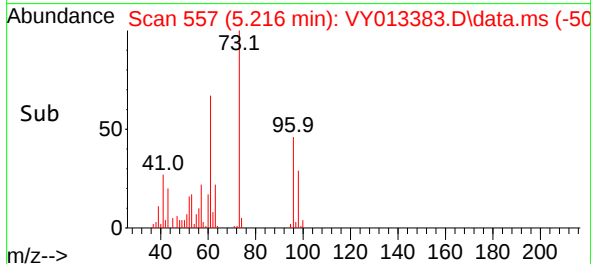
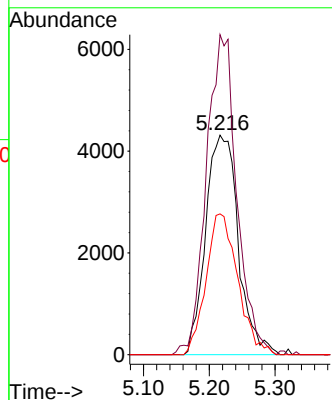
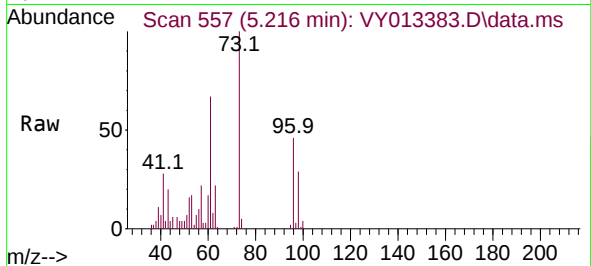




#21
trans-1,2-Dichloroethene
Concen: 4.981 ug/l
RT: 5.216 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

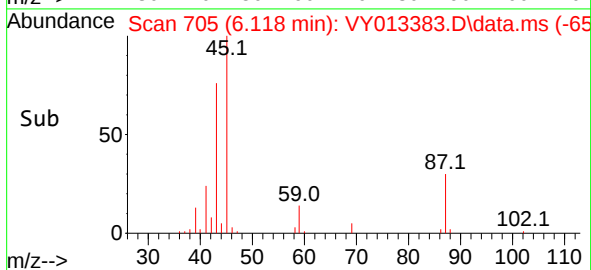
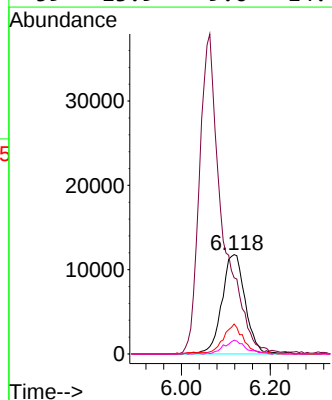
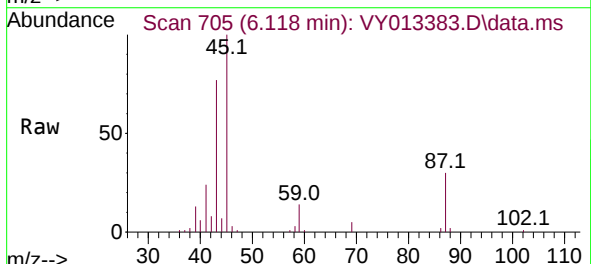
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion: 96 Resp: 14887
Ion Ratio Lower Upper
96 100
61 144.1 110.6 165.8
98 64.1 53.1 79.7



#22
Diisopropyl ether
Concen: 5.024 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 45 Resp: 42787
Ion Ratio Lower Upper
45 100
43 76.0 48.4 72.6#
87 30.1 23.8 35.6
59 13.9 9.6 14.4

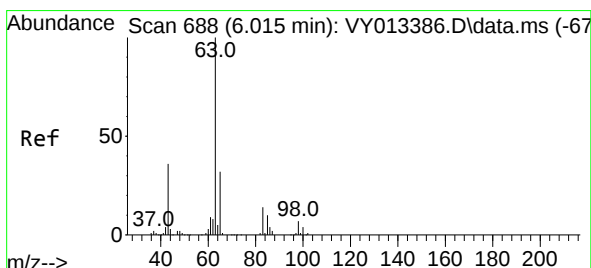
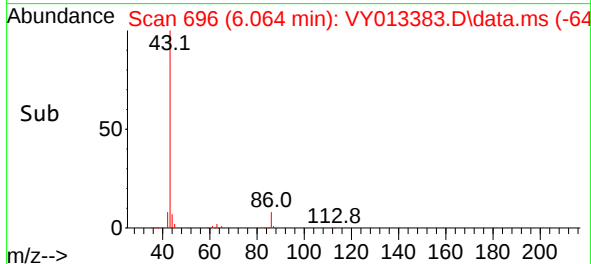
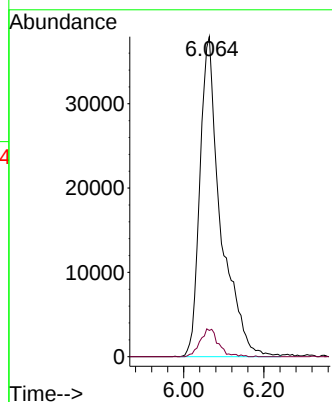
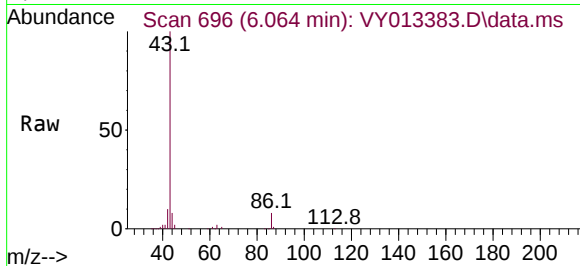




#23
 Vinyl Acetate
 Concen: 25.143 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY013383.D
 Acq: 21 Apr 2023 14:11

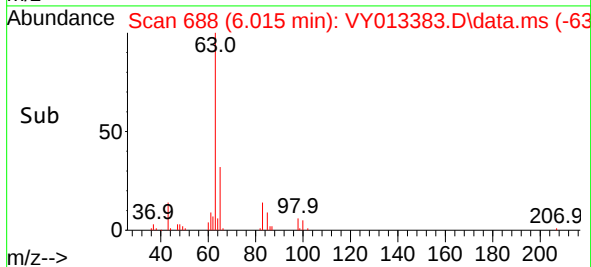
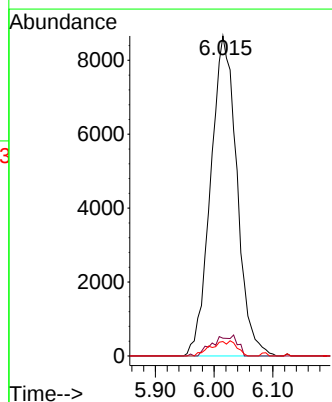
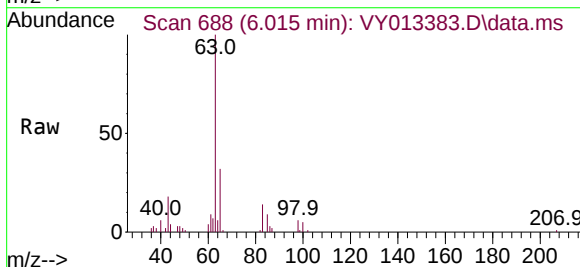
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

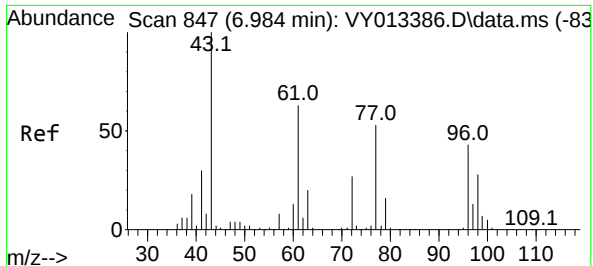
Tgt Ion: 43 Resp: 136770
 Ion Ratio Lower Upper
 43 100
 86 8.2 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 5.195 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.000 min
 Lab File: VY013383.D
 Acq: 21 Apr 2023 14:11

Tgt Ion: 63 Resp: 26844
 Ion Ratio Lower Upper
 63 100
 98 6.3 3.5 10.6
 100 4.5 2.2 6.6





#25

2-Butanone

Concen: 26.507 ug/l

RT: 6.990 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

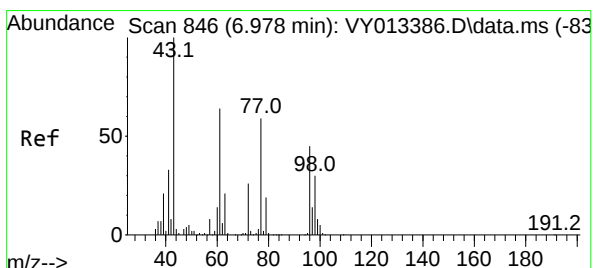
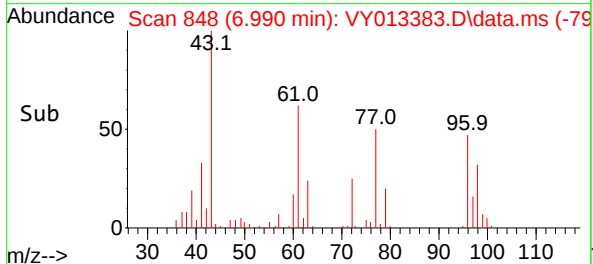
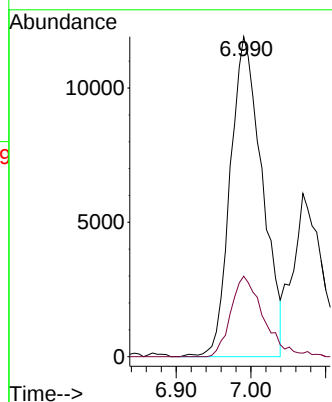
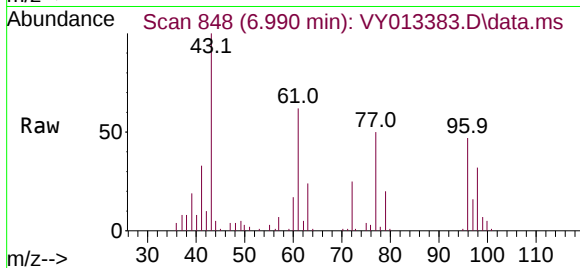
VSTDICC005

Tgt Ion: 43 Resp: 35277

Ion Ratio Lower Upper

43 100

72 25.2 21.9 32.9



#26

2,2-Dichloropropane

Concen: 4.977 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY013383.D

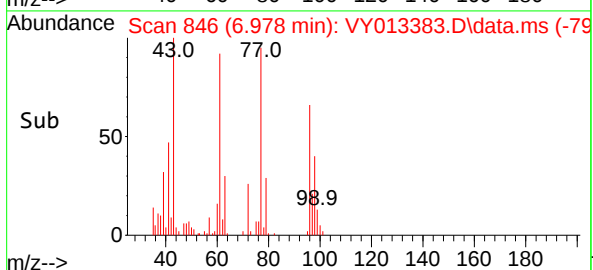
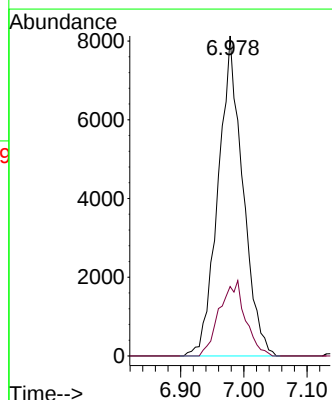
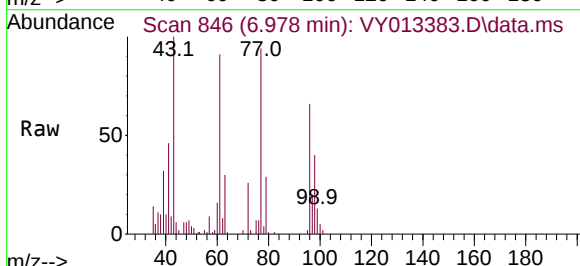
Acq: 21 Apr 2023 14:11

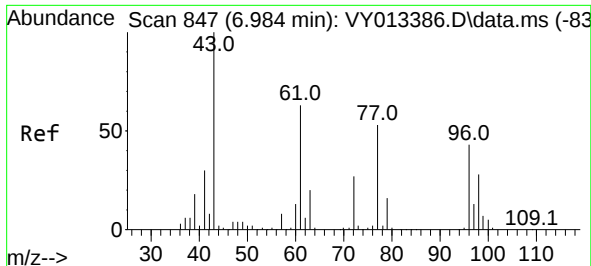
Tgt Ion: 77 Resp: 22028

Ion Ratio Lower Upper

77 100

97 24.6 11.8 35.4

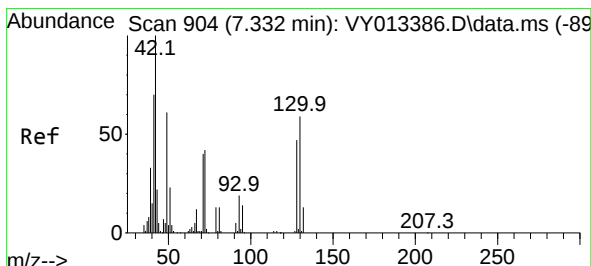
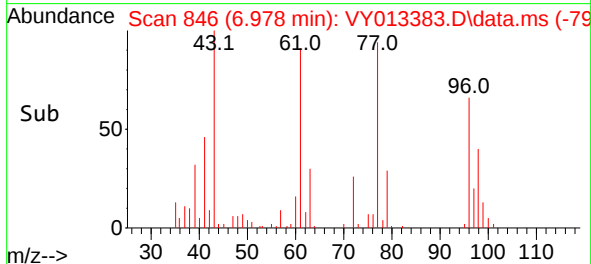
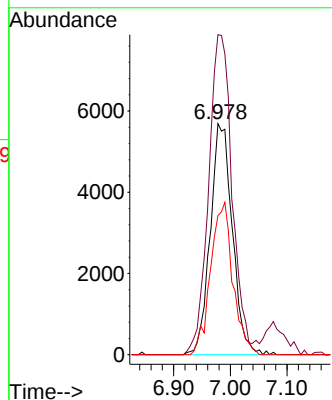
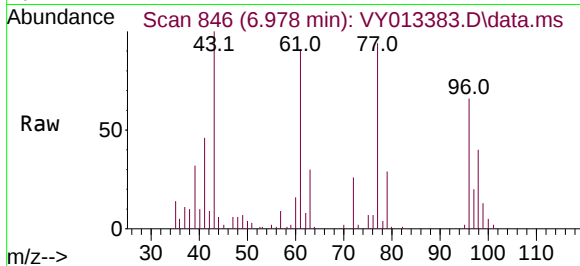




#27
 cis-1,2-Dichloroethene
 Concen: 4.882 ug/l
 RT: 6.978 min Scan# 847
 Delta R.T. -0.006 min
 Lab File: VY013383.D
 Acq: 21 Apr 2023 14:11

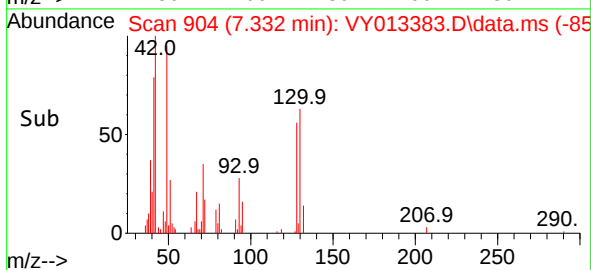
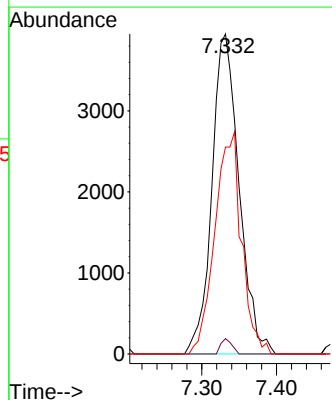
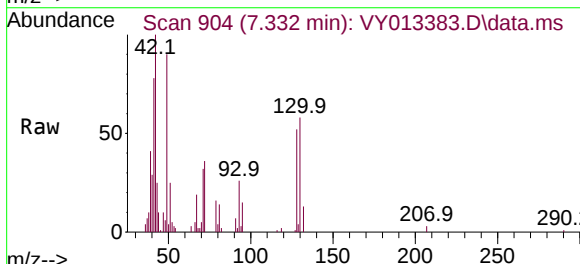
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

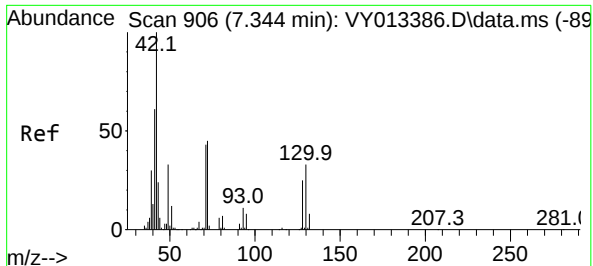
Tgt Ion: 96 Resp: 15431
 Ion Ratio Lower Upper
 96 100
 61 147.0 0.0 285.0
 98 66.2 0.0 130.6



#28
 Bromochloromethane
 Concen: 5.802 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY013383.D
 Acq: 21 Apr 2023 14:11

Tgt Ion: 49 Resp: 9995
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 5.2
 130 67.9 72.1 108.1#





#29

Tetrahydrofuran

Concen: 28.363 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

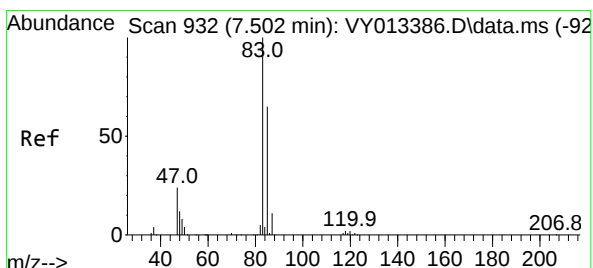
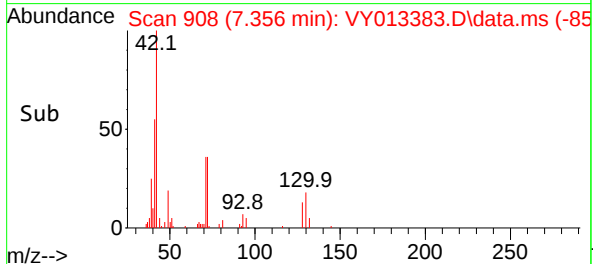
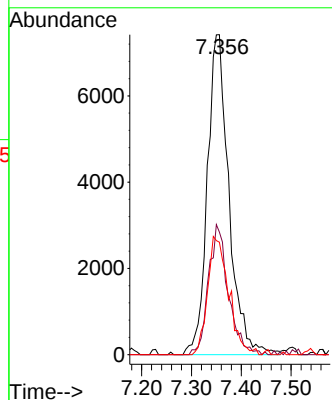
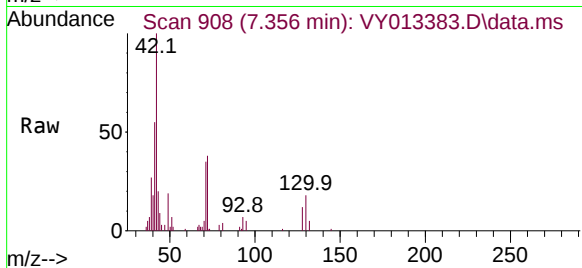
Tgt Ion: 42 Resp: 22351

Ion Ratio Lower Upper

42 100

72 37.4 35.9 53.9

71 35.9 34.3 51.5



#30

Chloroform

Concen: 5.232 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013383.D

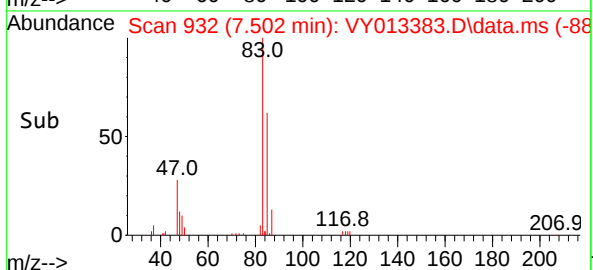
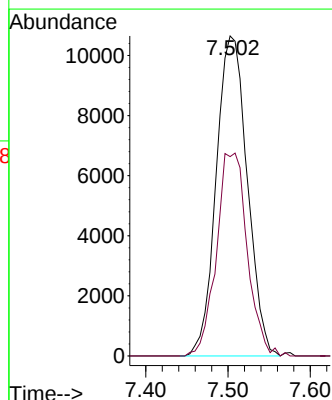
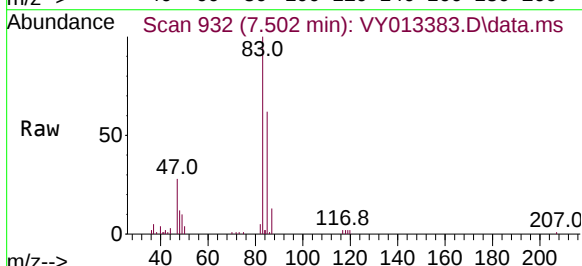
Acq: 21 Apr 2023 14:11

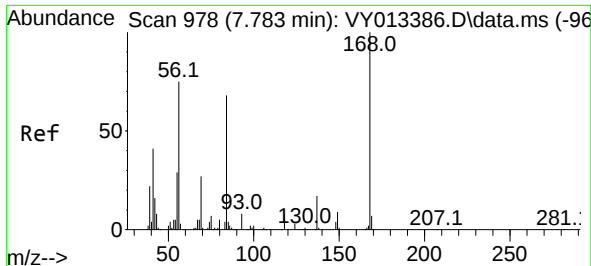
Tgt Ion: 83 Resp: 27948

Ion Ratio Lower Upper

83 100

85 62.3 52.0 78.0

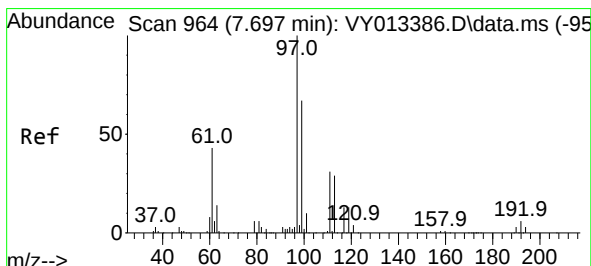
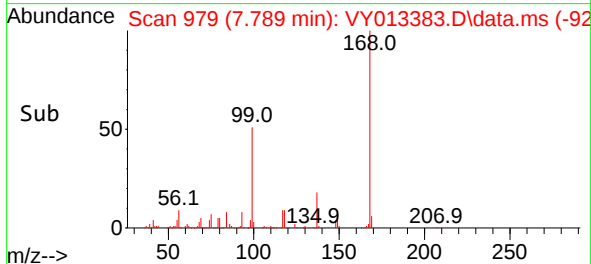
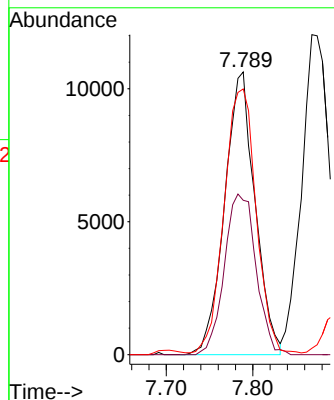
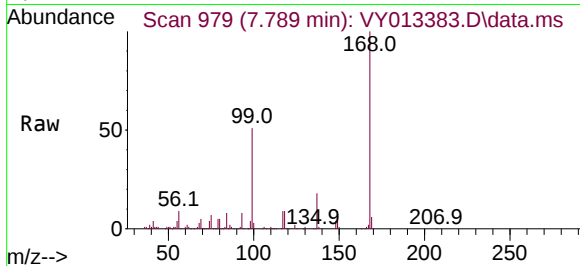




#31
Cyclohexane
Concen: 5.810 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

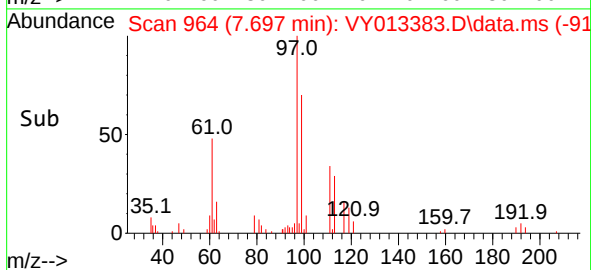
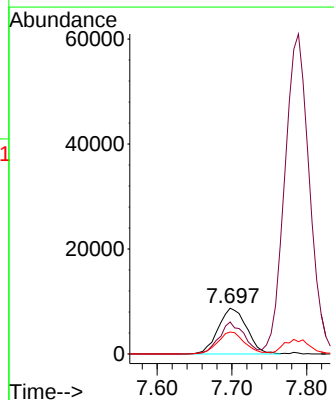
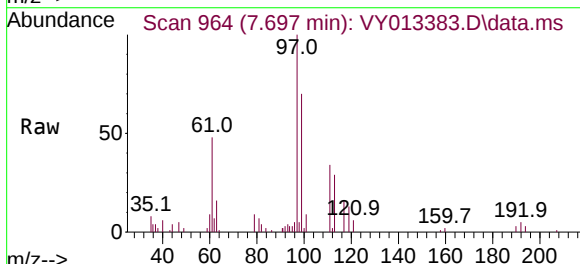
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

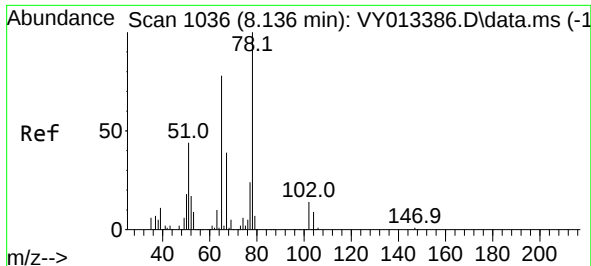
Tgt Ion: 56 Resp: 25982
Ion Ratio Lower Upper
56 100
69 54.6 29.2 43.8#
84 93.0 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 4.889 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 97 Resp: 23142
Ion Ratio Lower Upper
97 100
99 60.7 52.2 78.2
61 45.8 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 5.482 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.006 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

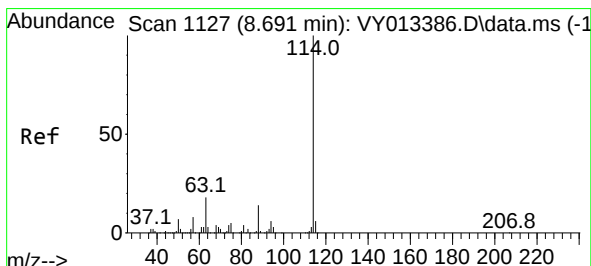
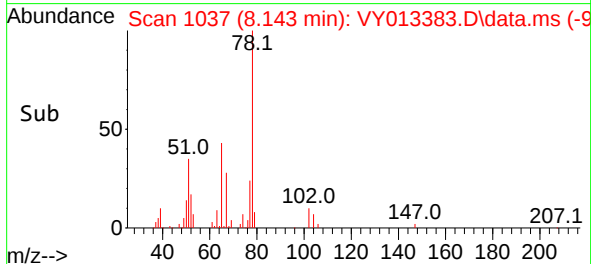
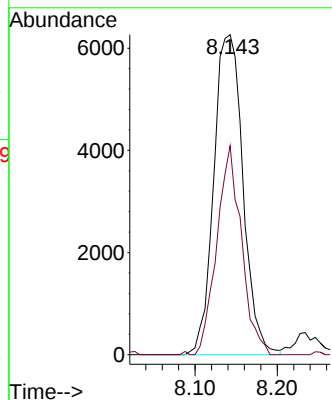
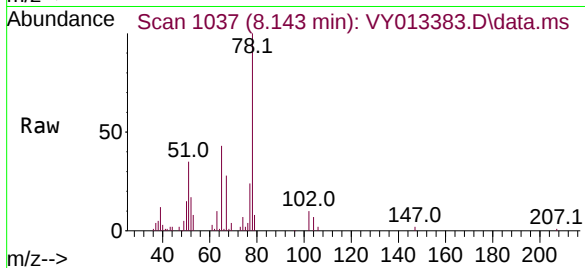
VSTDIC005

Tgt Ion: 65 Resp: 15458

Ion Ratio Lower Upper

65 100

67 55.2 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

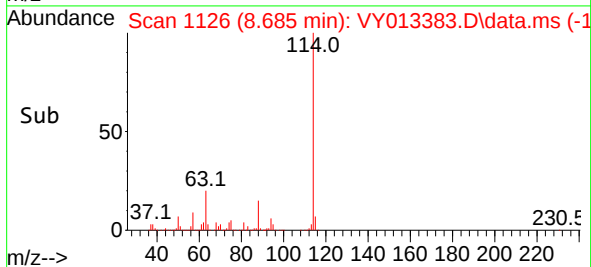
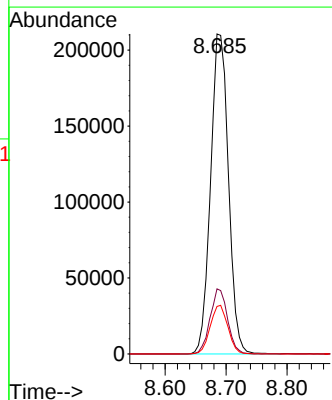
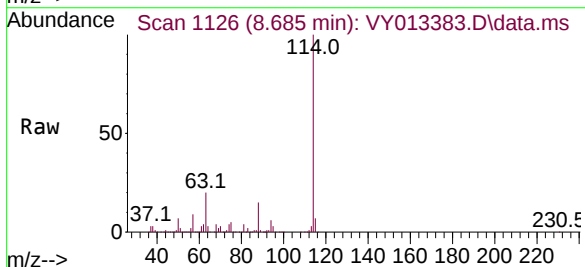
Tgt Ion: 114 Resp: 429097

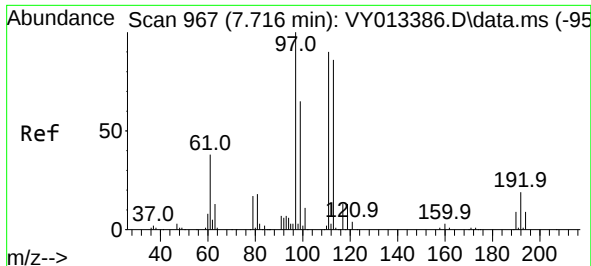
Ion Ratio Lower Upper

114 100

63 20.4 0.0 36.6

88 14.8 0.0 28.8

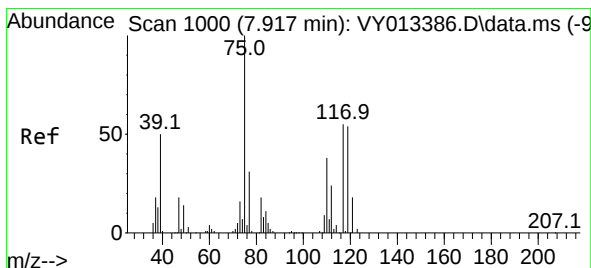
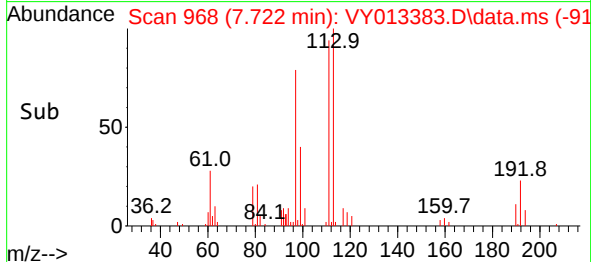
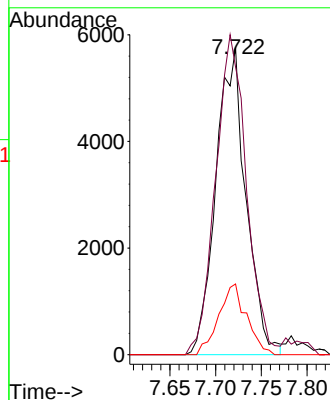
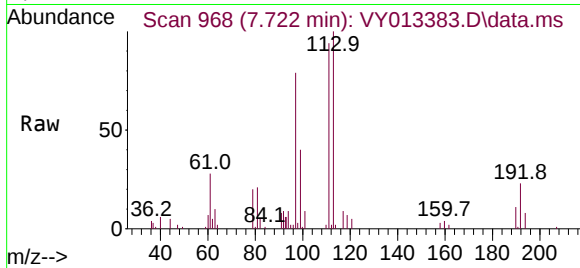




#35
Dibromofluoromethane
Concen: 4.921 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

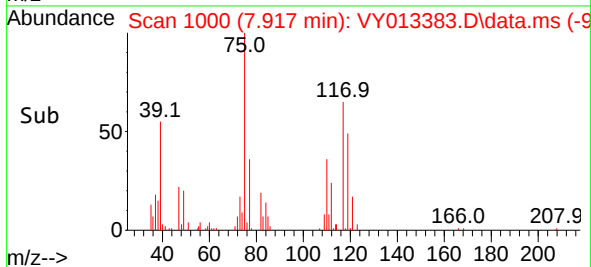
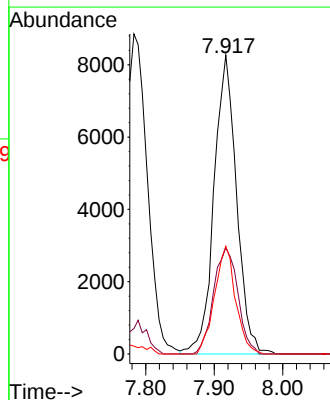
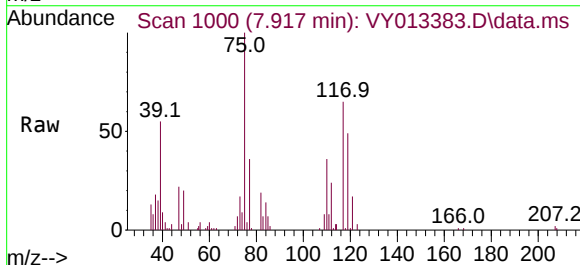
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

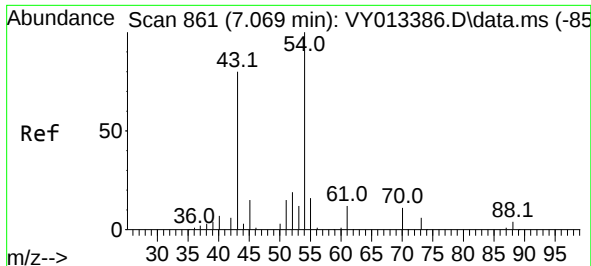
Tgt Ion:113 Resp: 13217
Ion Ratio Lower Upper
113 100
111 106.9 82.2 123.2
192 21.3 16.7 25.1



#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 75 Resp: 18884
Ion Ratio Lower Upper
75 100
110 38.2 18.7 56.1
77 33.7 24.6 37.0





#37

Ethyl Acetate

Concen: 4.676 ug/l

RT: 7.070 min Scan# 8

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

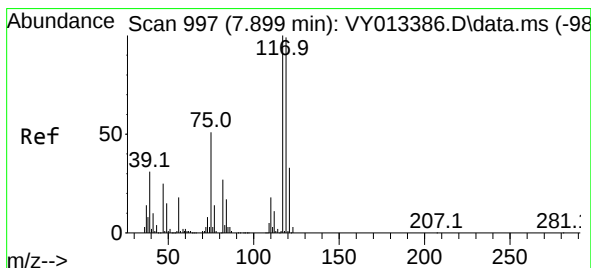
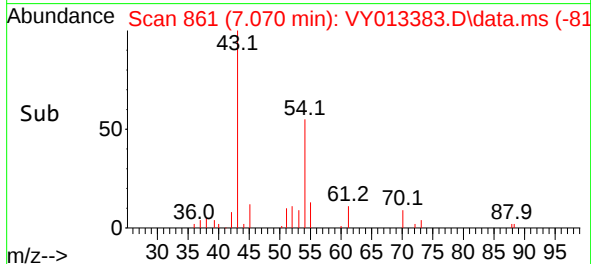
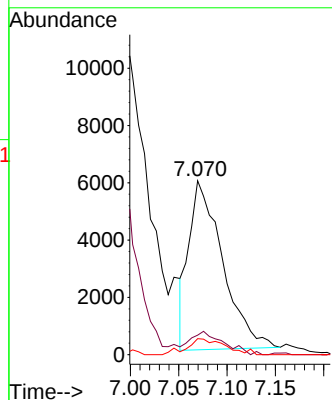
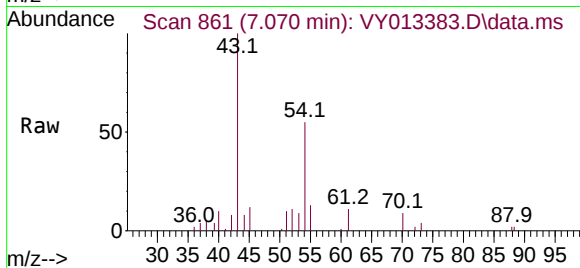
Tgt Ion: 43 Resp: 14285

Ion Ratio Lower Upper

43 100

61 13.6 11.4 17.0

70 10.8 7.9 11.9



#38

Carbon Tetrachloride

Concen: 4.637 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

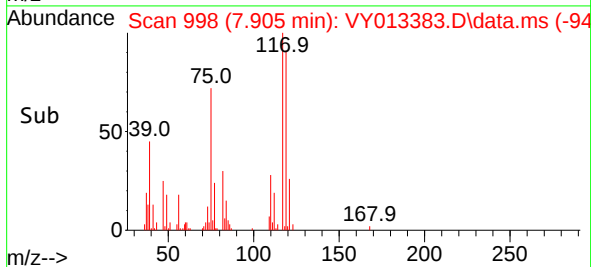
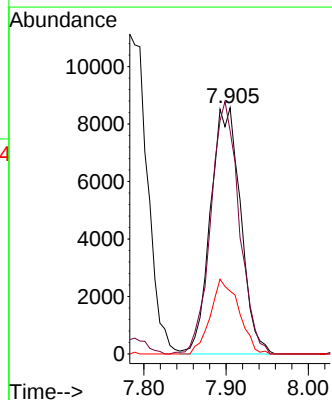
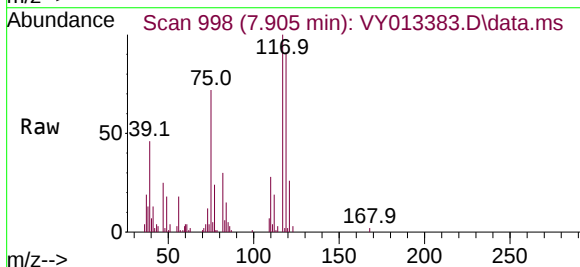
Tgt Ion: 117 Resp: 21896

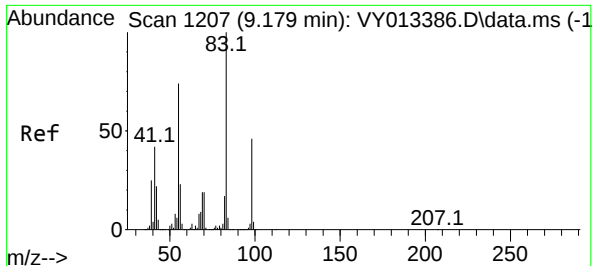
Ion Ratio Lower Upper

117 100

119 90.6 79.0 118.6

121 25.6 26.6 40.0#





#39

Methylcyclohexane

Concen: 4.686 ug/l

RT: 9.185 min Scan# 1207

Delta R.T. 0.006 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

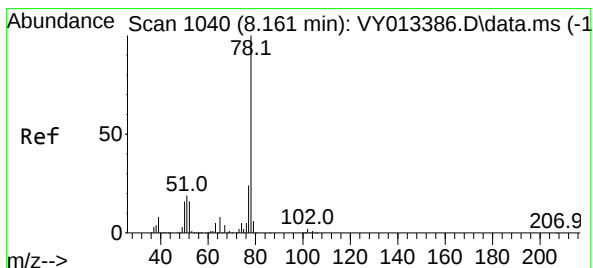
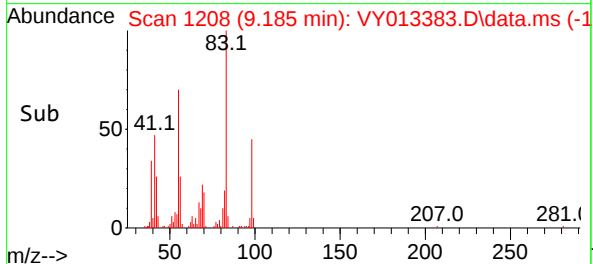
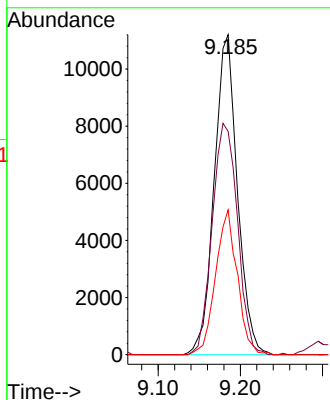
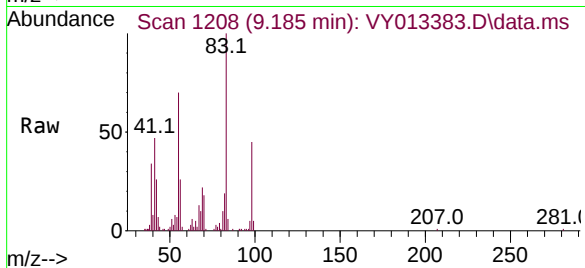
Tgt Ion: 83 Resp: 21953

Ion Ratio Lower Upper

83 100

55 69.8 59.0 88.4

98 45.3 37.0 55.4



#40

Benzene

Concen: 4.995 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013383.D

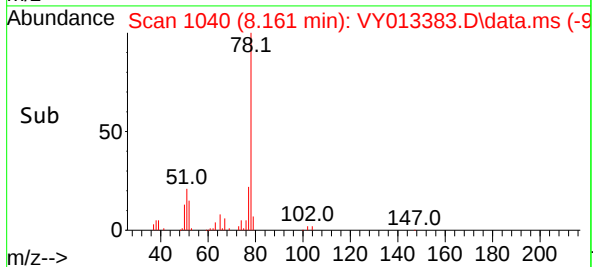
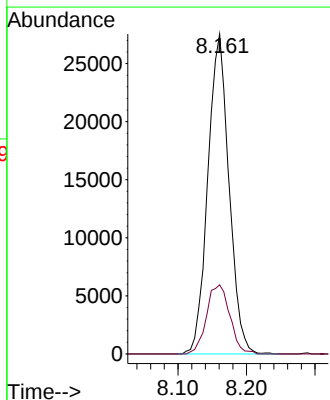
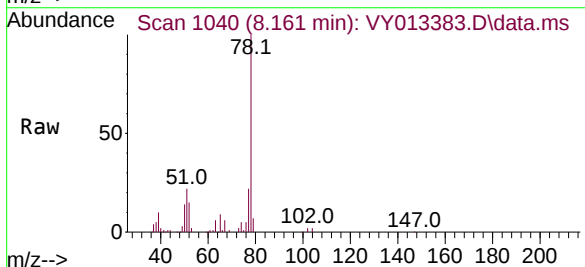
Acq: 21 Apr 2023 14:11

Tgt Ion: 78 Resp: 59063

Ion Ratio Lower Upper

78 100

77 21.6 19.2 28.8

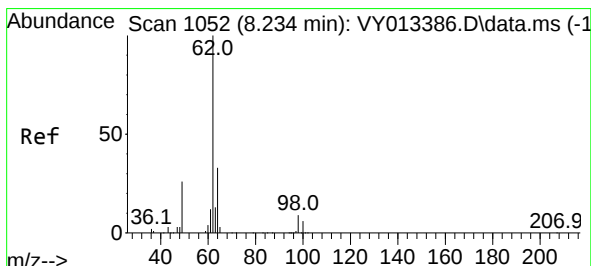
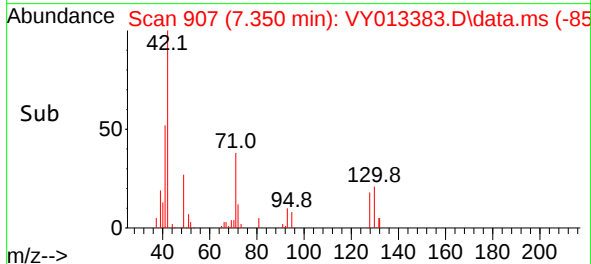
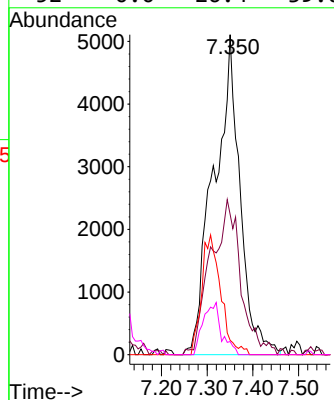
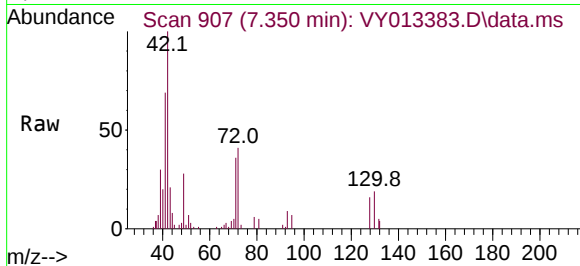




#41
Methacrylonitrile
Concen: 13.727 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.043 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

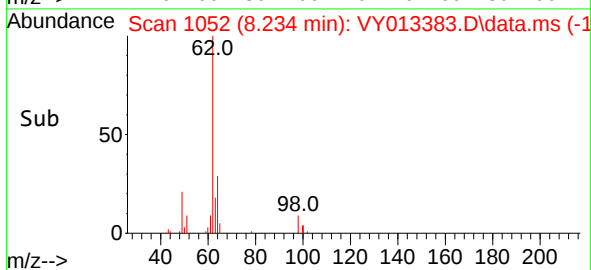
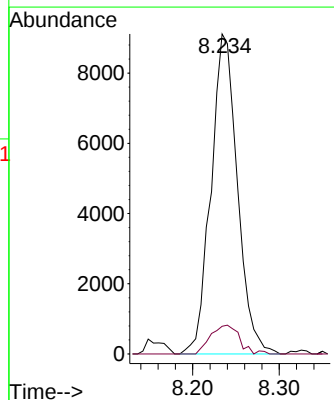
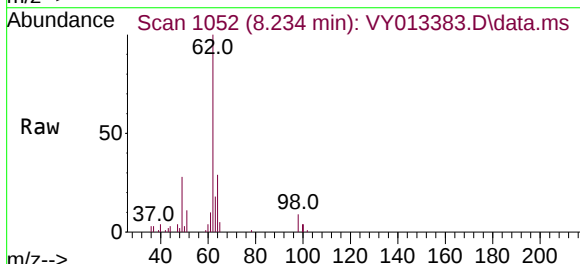
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

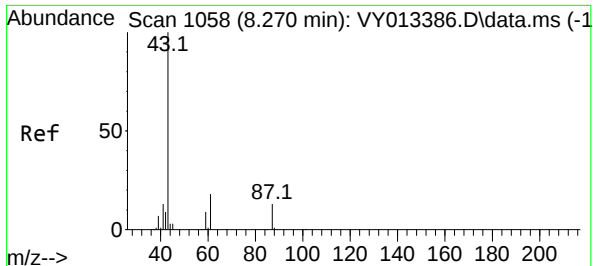
Tgt Ion:	41	Resp:	20318
Ion	Ratio	Lower	Upper
41	100		
39	55.7	44.2	66.4
67	0.0	62.9	94.3#
52	0.0	26.4	39.6#



#42
1,2-Dichloroethane
Concen: 4.974 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion:	62	Resp:	19355
Ion	Ratio	Lower	Upper
62	100		
98	9.9	0.0	17.8





#43

Isopropyl Acetate

Concen: 5.196 ug/l

RT: 8.271 min Scan# 1105

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

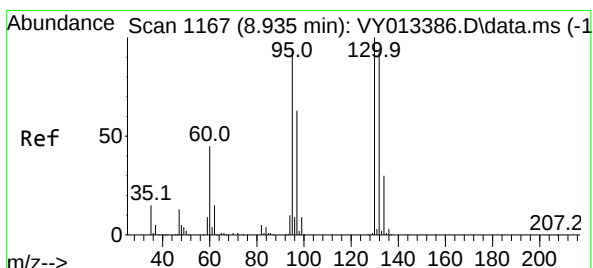
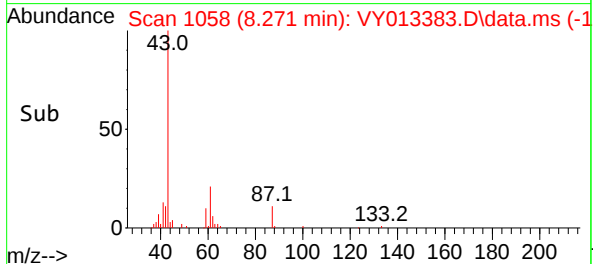
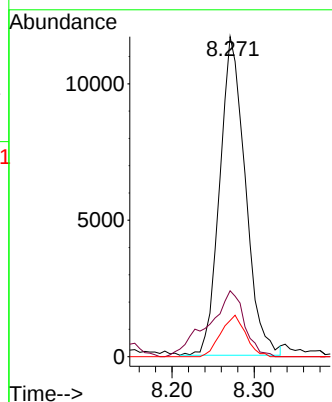
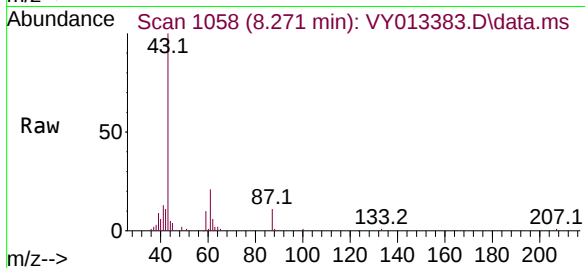
Tgt Ion: 43 Resp: 25275

Ion Ratio Lower Upper

43 100

61 29.2 22.2 33.4

87 12.6 11.0 16.6



#44

Trichloroethene

Concen: 4.755 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013383.D

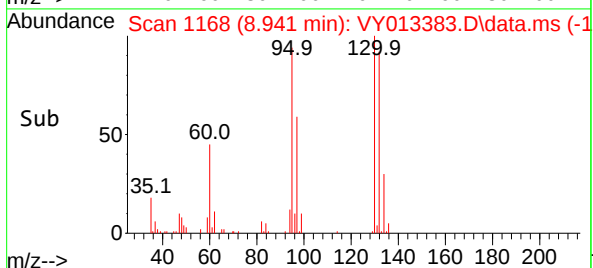
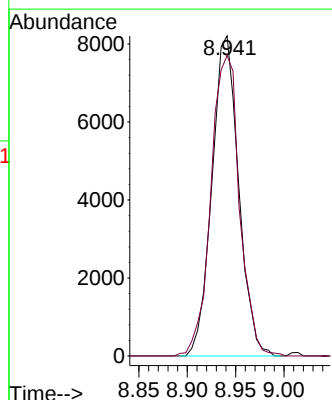
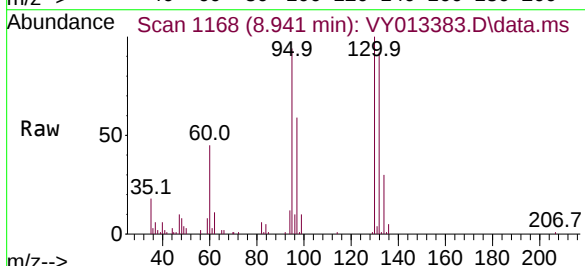
Acq: 21 Apr 2023 14:11

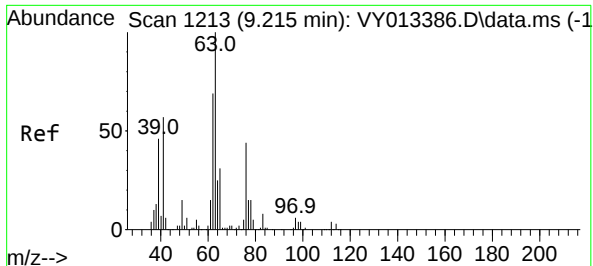
Tgt Ion:130 Resp: 15748

Ion Ratio Lower Upper

130 100

95 93.2 0.0 188.8





#45

1,2-Dichloropropane

Concen: 5.382 ug/l

RT: 9.215 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

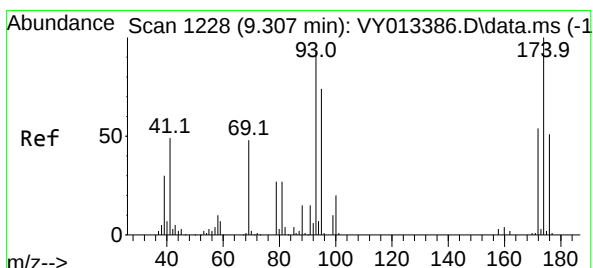
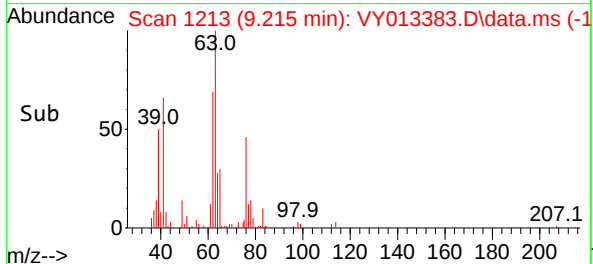
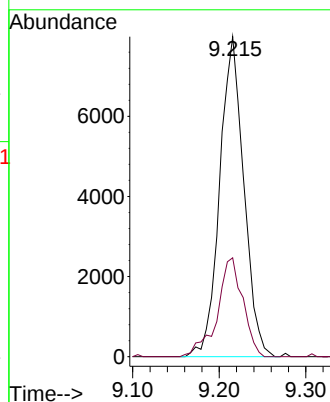
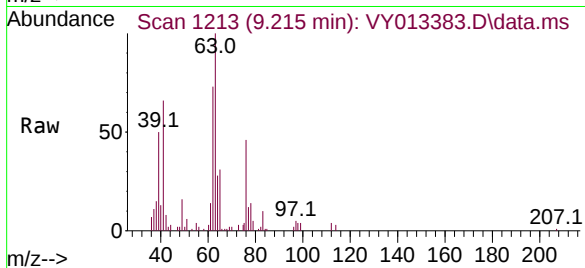
VSTDICC005

Tgt Ion: 63 Resp: 15427

Ion Ratio Lower Upper

63 100

65 30.9 24.6 37.0



#46

Dibromomethane

Concen: 4.890 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

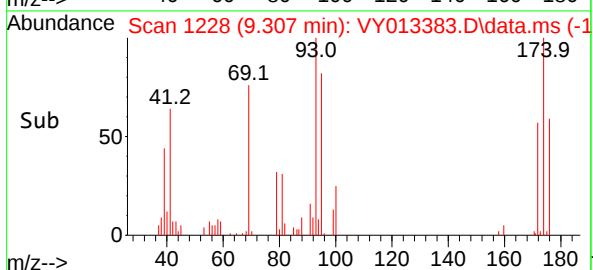
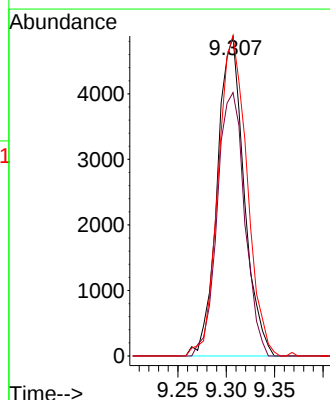
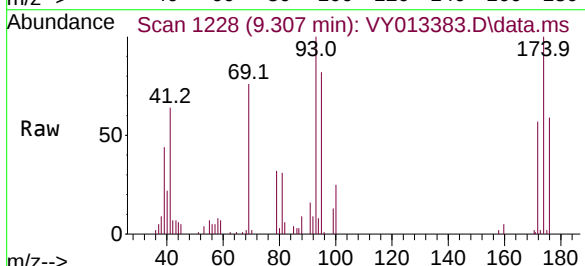
Tgt Ion: 93 Resp: 9384

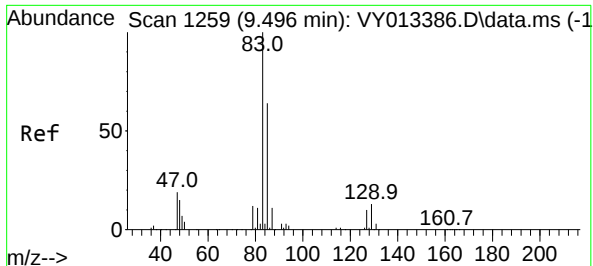
Ion Ratio Lower Upper

93 100

95 84.7 67.1 100.7

174 107.4 87.0 130.4

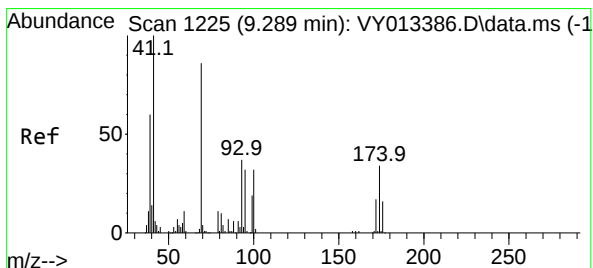
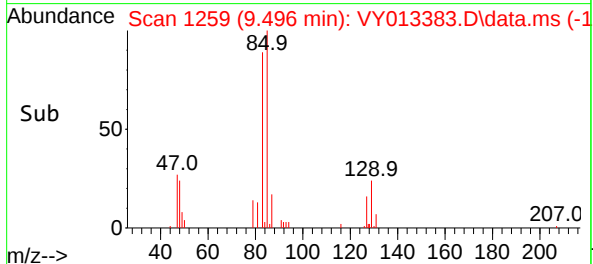
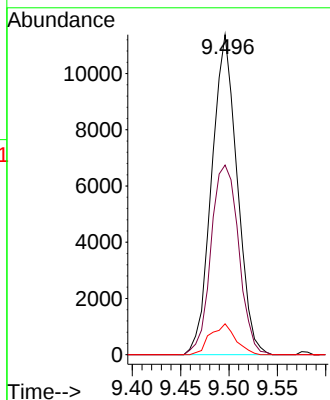
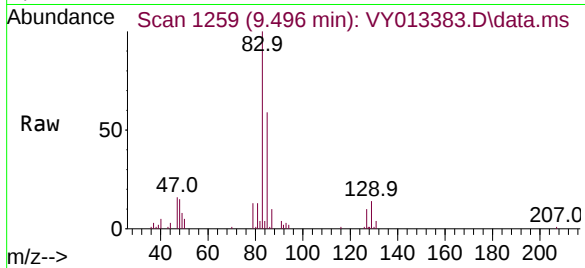




#47
Bromodichloromethane
Concen: 4.858 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

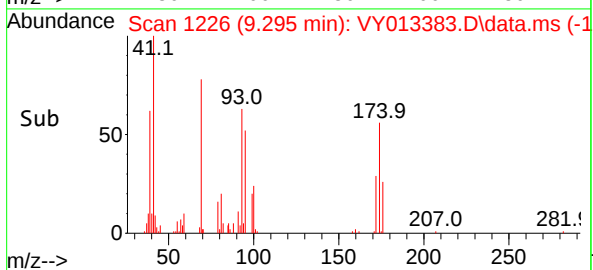
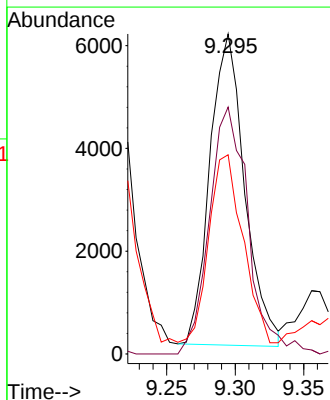
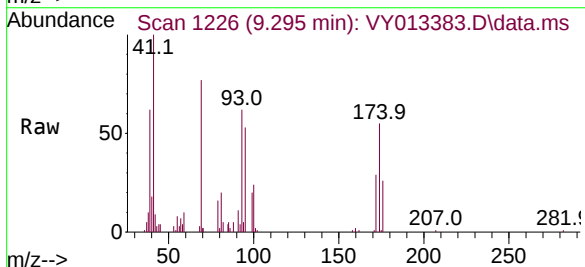
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

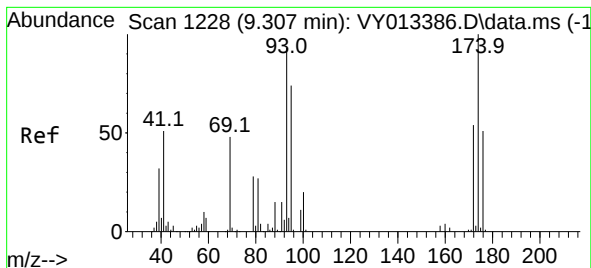
Tgt Ion: 83 Resp: 20876
Ion Ratio Lower Upper
83 100
85 59.3 51.4 77.2
127 9.6 8.1 12.1



#48
Methyl methacrylate
Concen: 4.696 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 41 Resp: 10718
Ion Ratio Lower Upper
41 100
69 88.6 70.2 105.4
39 59.8 47.9 71.9





#49

1,4-Dioxane

Concen: 96.083 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.024 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDICC005

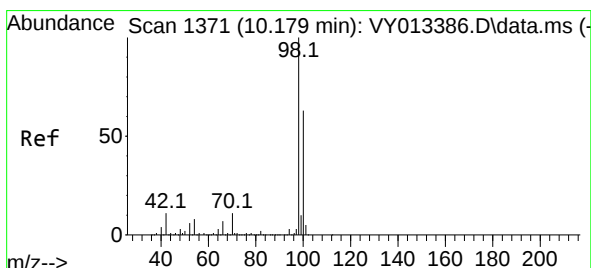
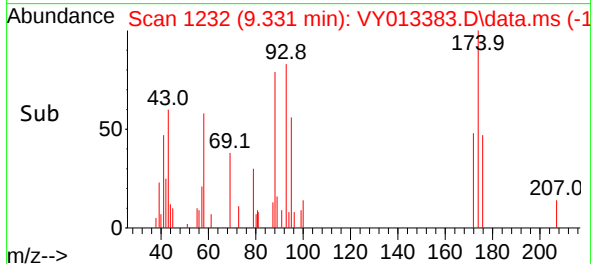
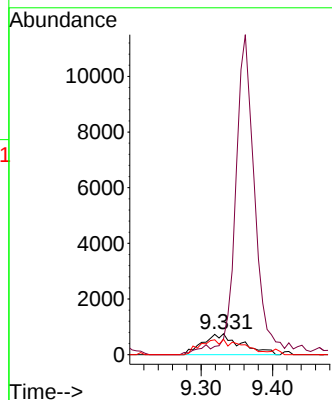
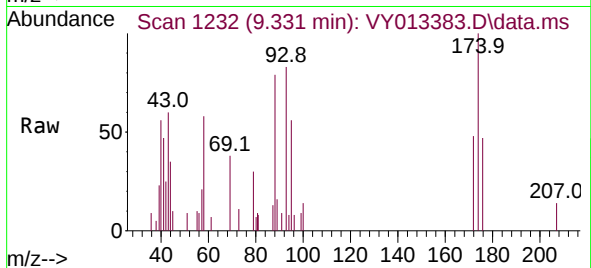
Tgt Ion: 88 Resp: 2787

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 79.3 54.3 81.5



#50

Toluene-d8

Concen: 5.073 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013383.D

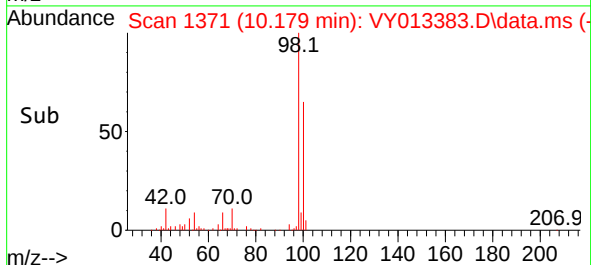
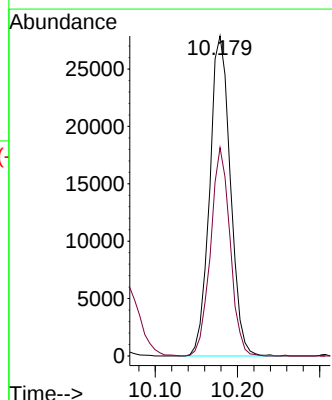
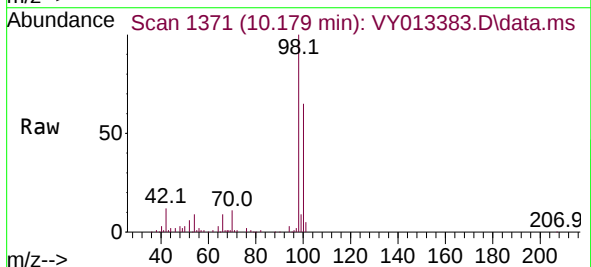
Acq: 21 Apr 2023 14:11

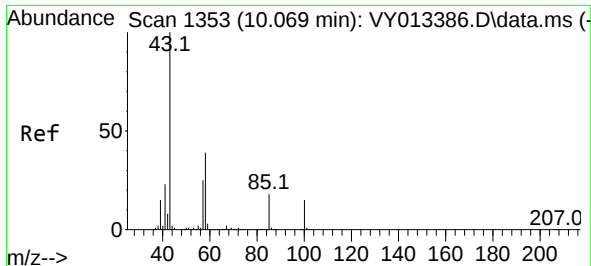
Tgt Ion: 98 Resp: 48729

Ion Ratio Lower Upper

98 100

100 61.3 50.5 75.7

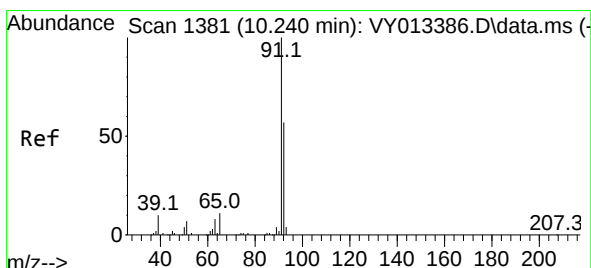
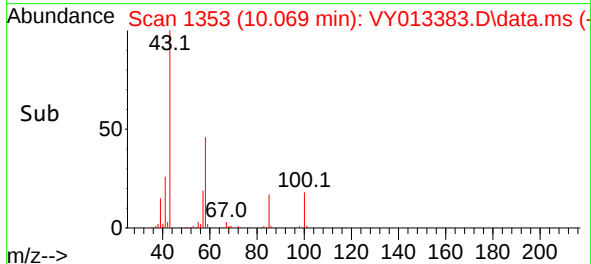
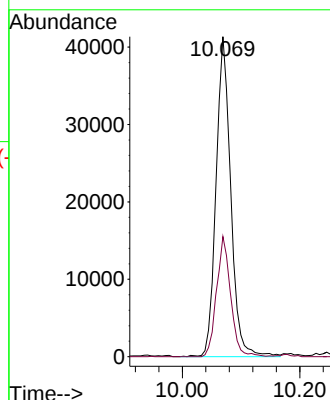
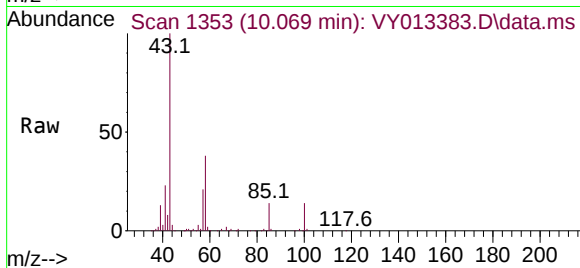




#51
4-Methyl-2-Pentanone
Concen: 26.019 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

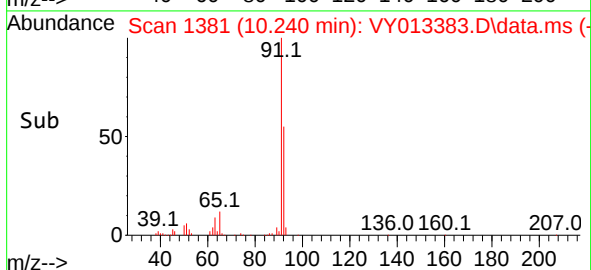
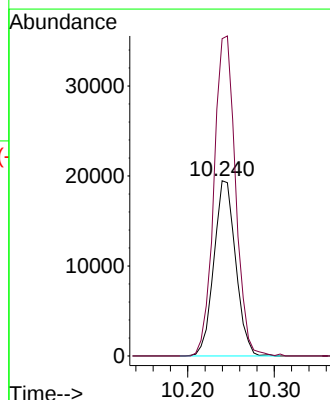
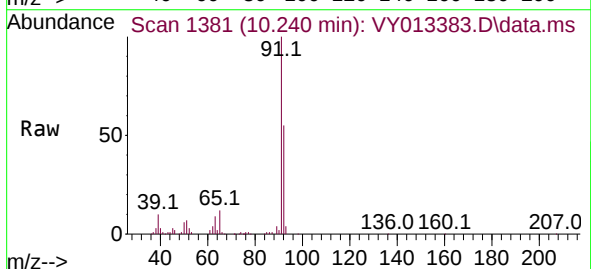
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

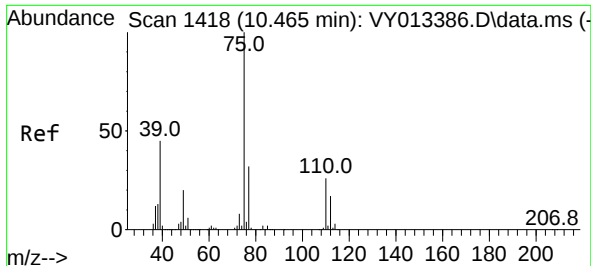
Tgt Ion: 43 Resp: 71828
Ion Ratio Lower Upper
43 100
58 35.9 30.6 46.0



#52
Toluene
Concen: 4.592 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 92 Resp: 34035
Ion Ratio Lower Upper
92 100
91 180.9 140.2 210.4

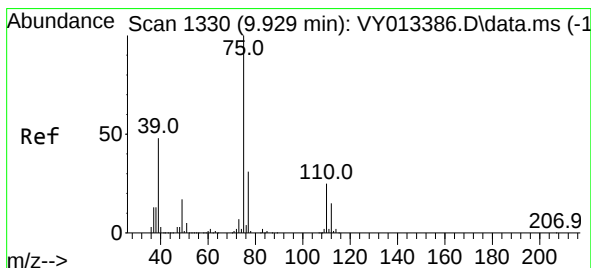
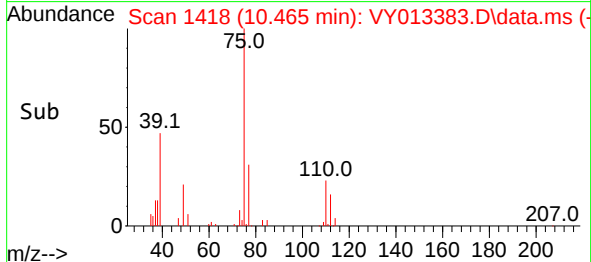
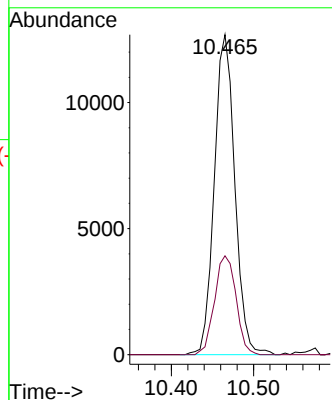
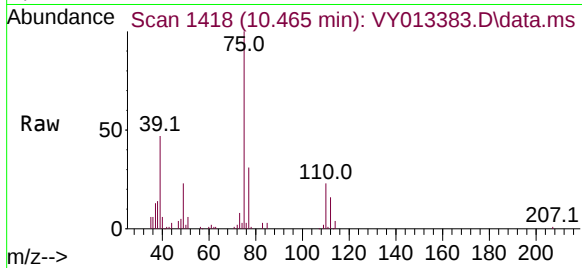




#53
t-1,3-Dichloropropene
Concen: 4.857 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

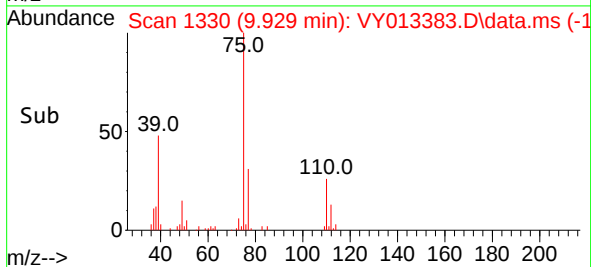
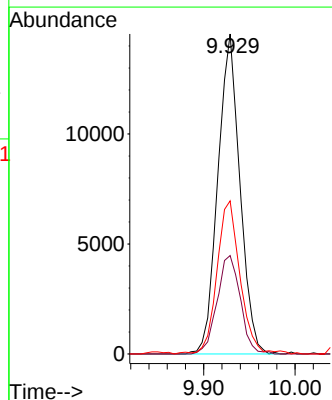
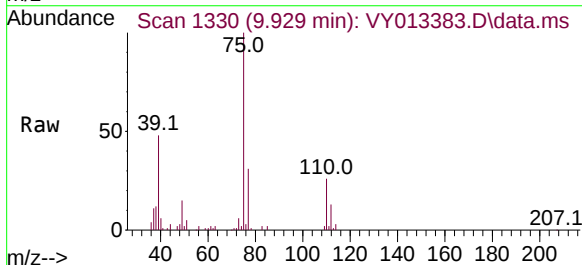
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

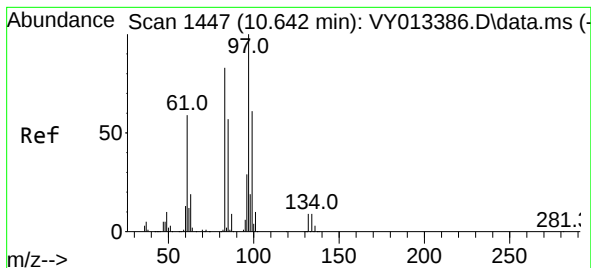
Tgt Ion: 75 Resp: 21979
Ion Ratio Lower Upper
75 100
77 30.9 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 4.975 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 75 Resp: 24409
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 47.4 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 5.012 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

Tgt Ion: 97 Resp: 13085

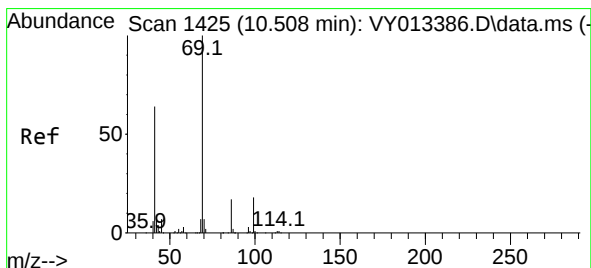
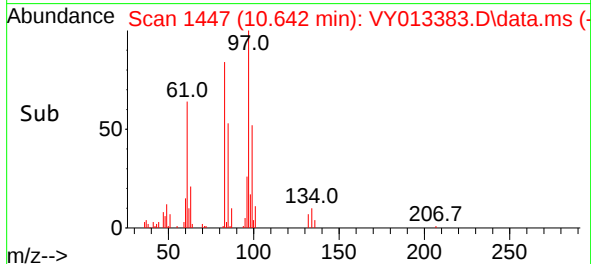
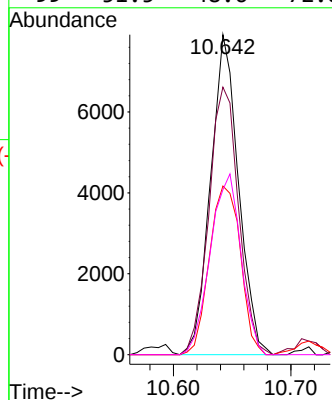
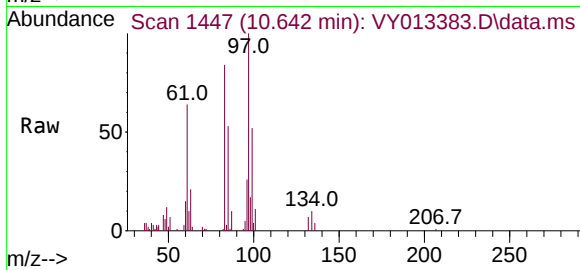
Ion Ratio Lower Upper

97 100

83 83.6 66.4 99.6

85 52.7 45.6 68.4

99 51.5 48.6 72.8



#56

Ethyl methacrylate

Concen: 4.556 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

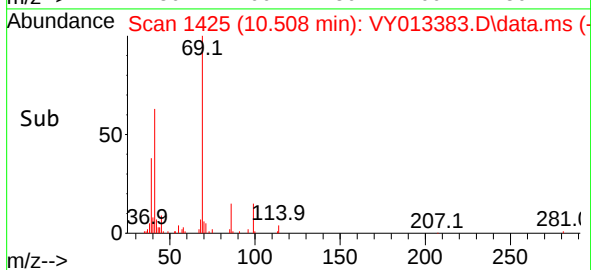
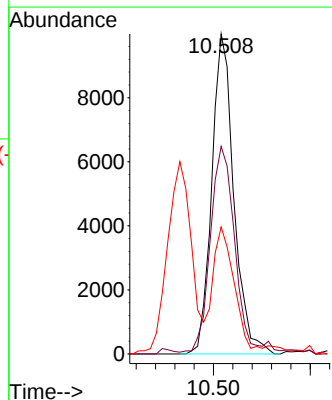
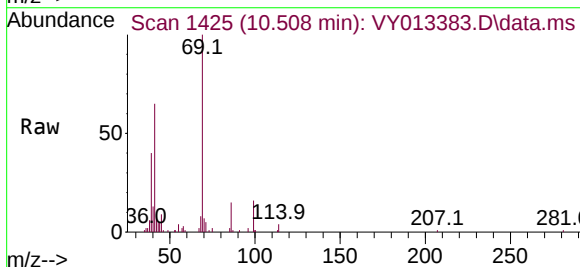
Tgt Ion: 69 Resp: 15793

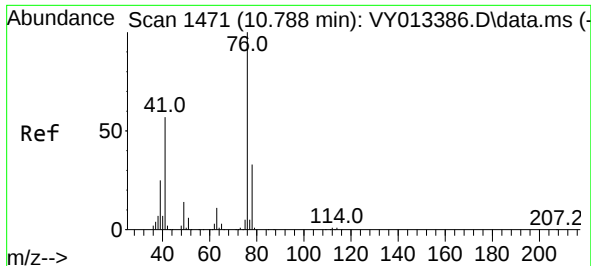
Ion Ratio Lower Upper

69 100

41 71.1 51.4 77.0

39 36.1 29.0 43.6





#57

1,3-Dichloropropane

Concen: 5.102 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

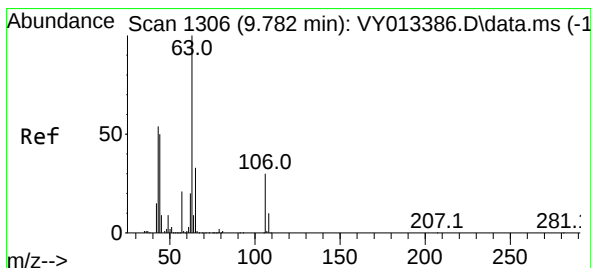
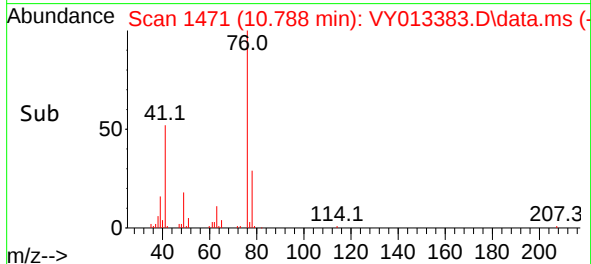
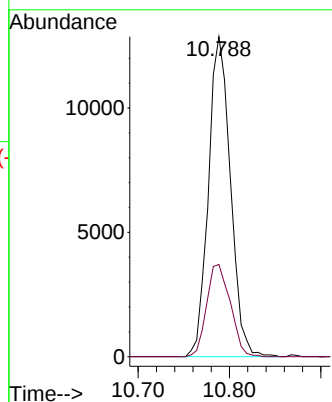
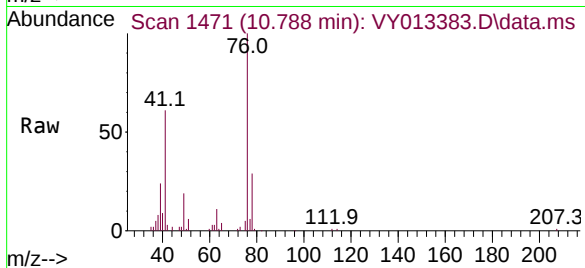
VSTDIC005

Tgt Ion: 76 Resp: 21534

Ion Ratio Lower Upper

76 100

78 30.9 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 26.547 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013383.D

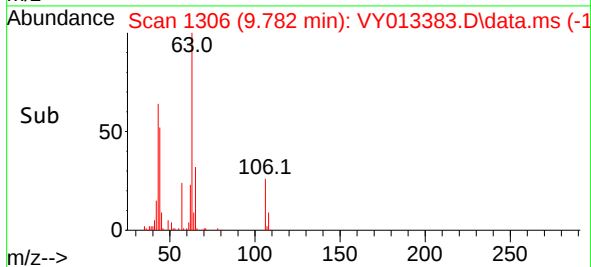
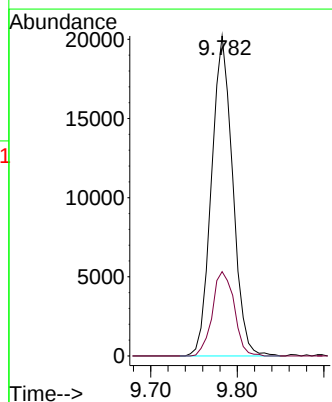
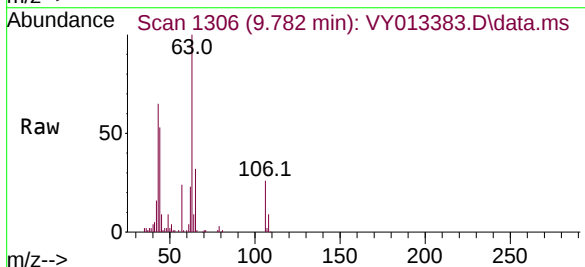
Acq: 21 Apr 2023 14:11

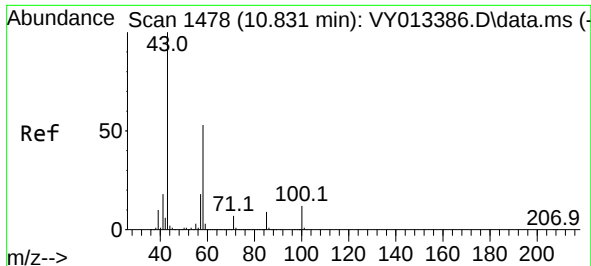
Tgt Ion: 63 Resp: 34356

Ion Ratio Lower Upper

63 100

106 27.2 23.5 35.3

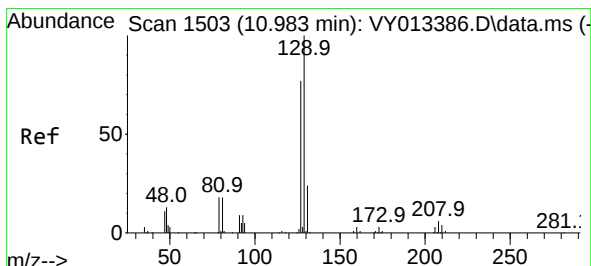
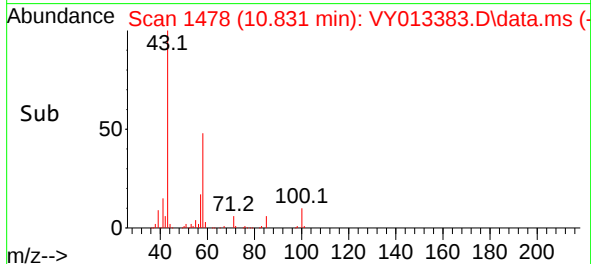
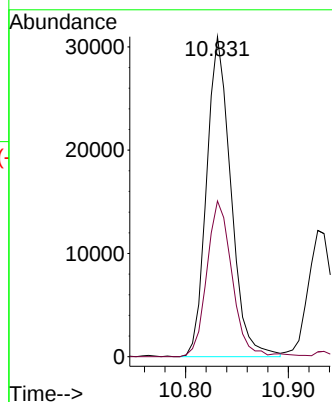
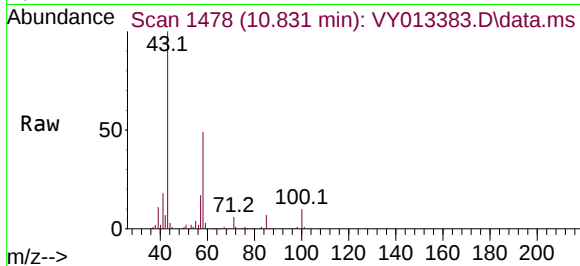




#59
2-Hexanone
Concen: 24.325 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

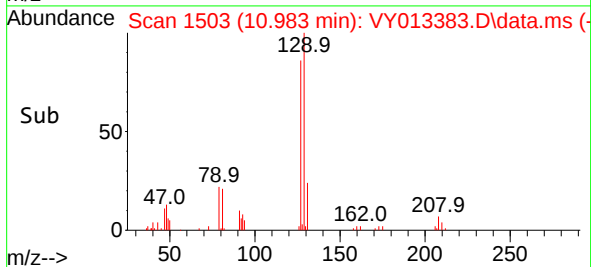
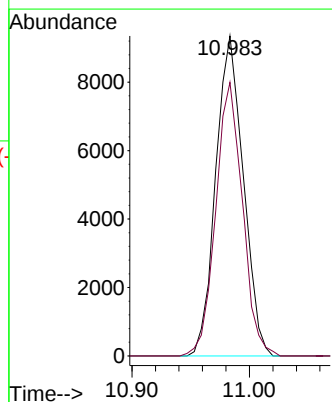
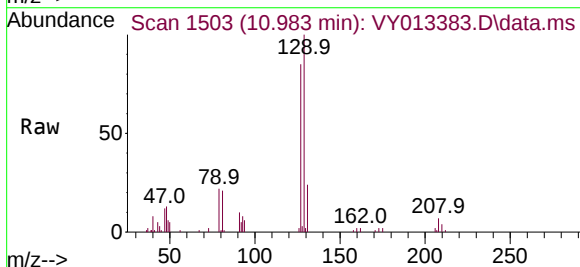
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

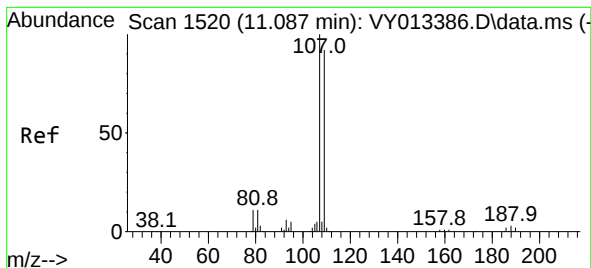
Tgt Ion: 43 Resp: 50949
Ion Ratio Lower Upper
43 100
58 50.8 26.3 78.8



#60
Dibromochloromethane
Concen: 4.660 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 129 Resp: 15254
Ion Ratio Lower Upper
129 100
127 82.9 38.7 116.1





#61

1,2-Dibromoethane

Concen: 4.982 ug/l

RT: 11.087 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

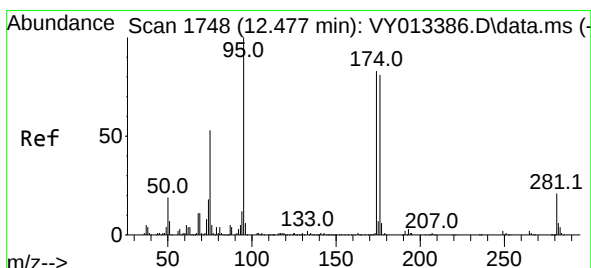
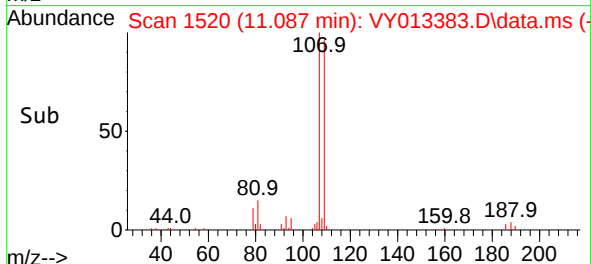
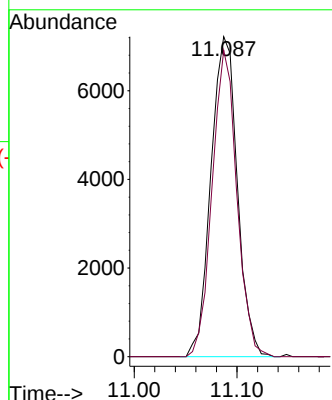
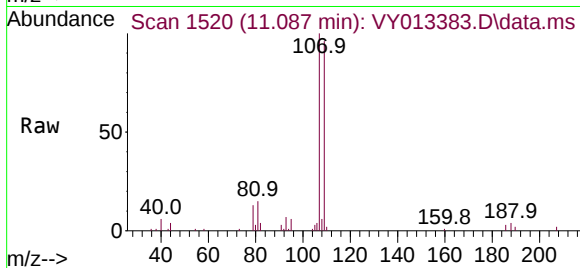
VSTDIC005

Tgt Ion:107 Resp: 12858

Ion Ratio Lower Upper

107 100

109 89.7 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 4.595 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

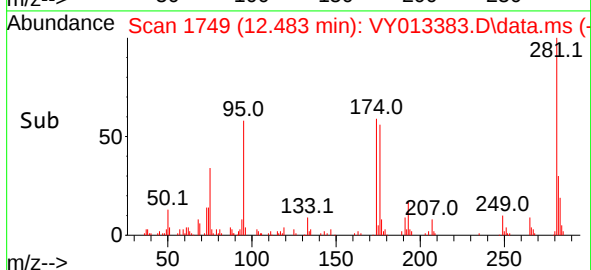
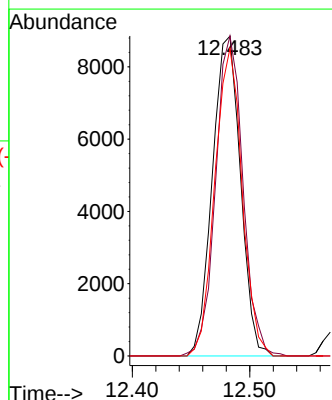
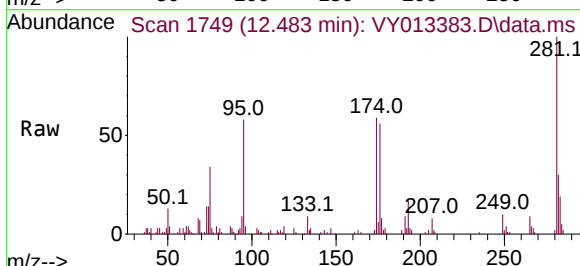
Tgt Ion: 95 Resp: 14698

Ion Ratio Lower Upper

95 100

174 97.4 0.0 182.0

176 93.4 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

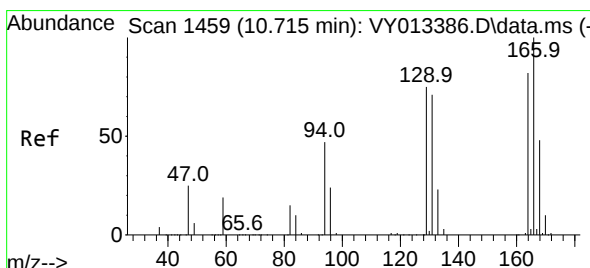
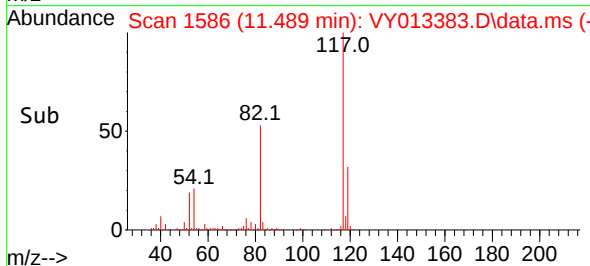
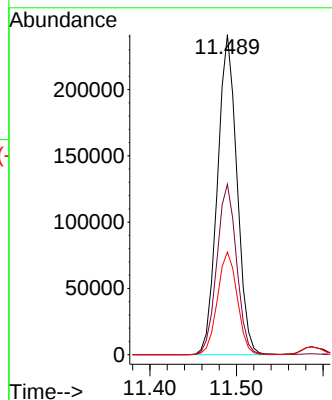
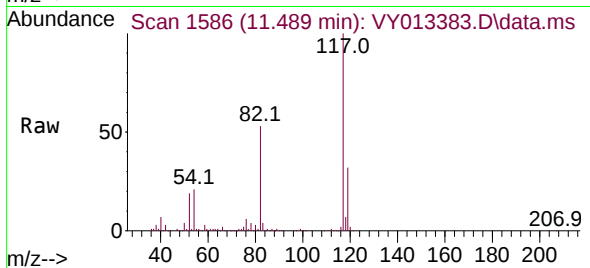
Tgt Ion:117 Resp: 377630

Ion Ratio Lower Upper

117 100

82 53.3 43.0 64.6

119 32.1 25.5 38.3



#64

Tetrachloroethene

Concen: 4.901 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Tgt Ion:164 Resp: 13976

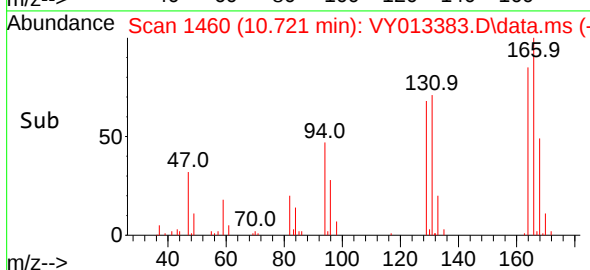
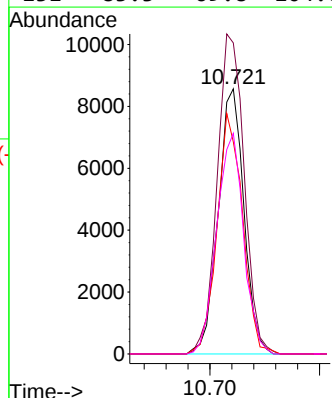
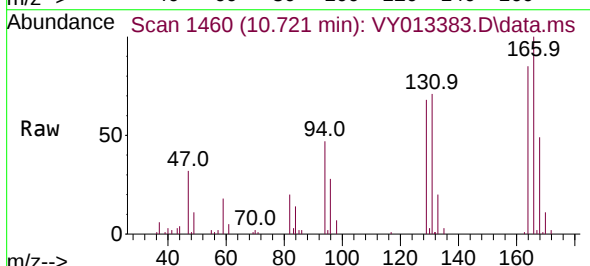
Ion Ratio Lower Upper

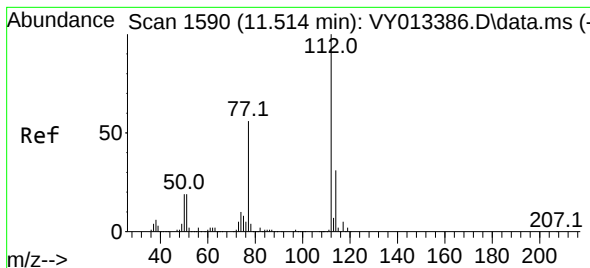
164 100

166 117.3 97.5 146.3

129 80.0 72.6 109.0

131 83.3 69.8 104.6





#65

Chlorobenzene

Concen: 4.913 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

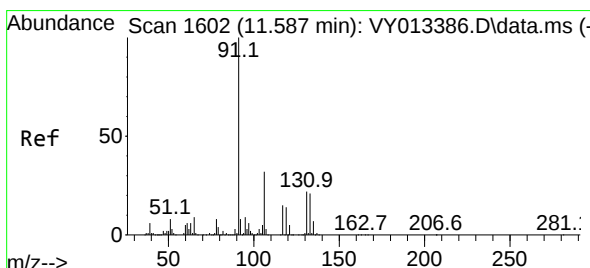
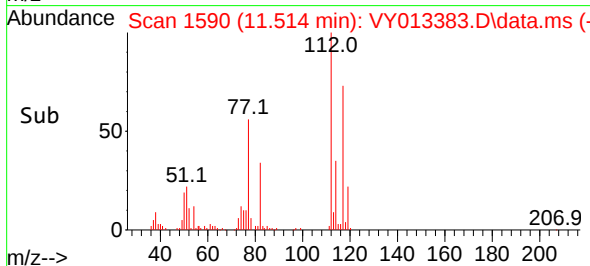
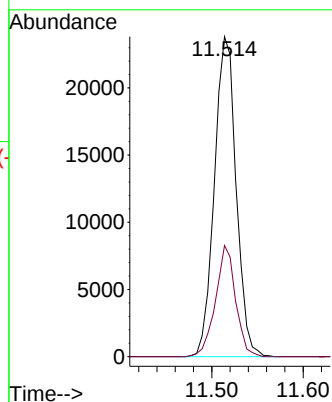
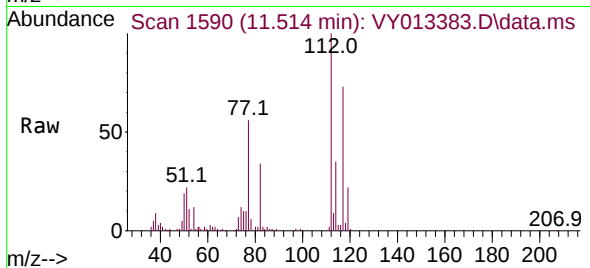
VSTDIC005

Tgt Ion:112 Resp: 39349

Ion Ratio Lower Upper

112 100

114 34.8 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 4.685 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

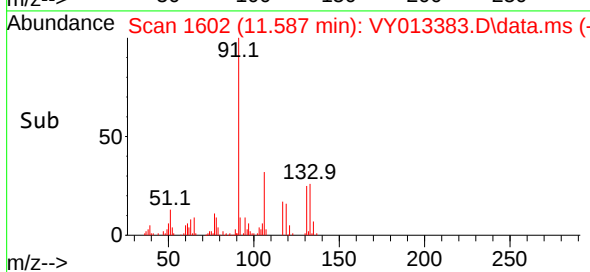
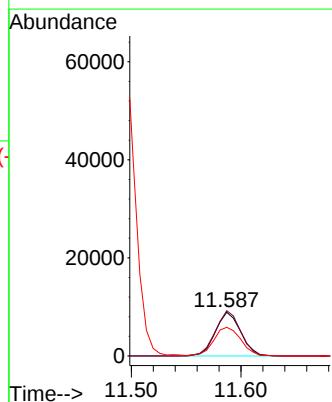
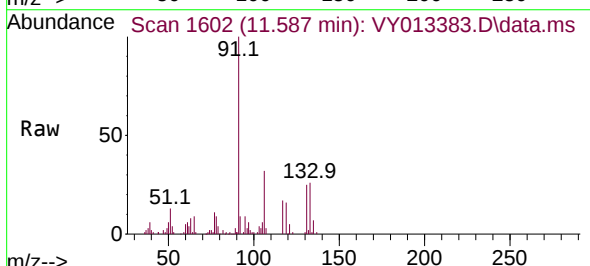
Tgt Ion:131 Resp: 14241

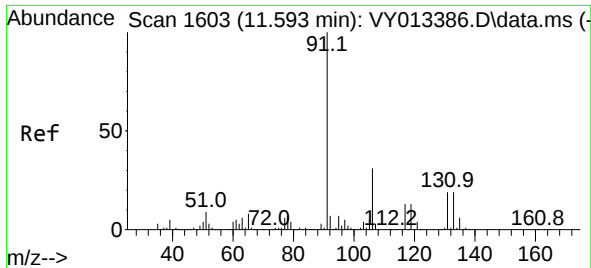
Ion Ratio Lower Upper

131 100

133 103.7 47.7 143.1

119 70.8 32.6 98.0

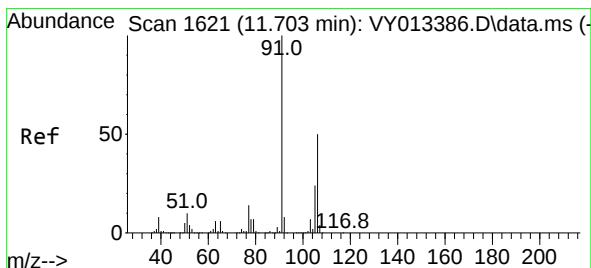
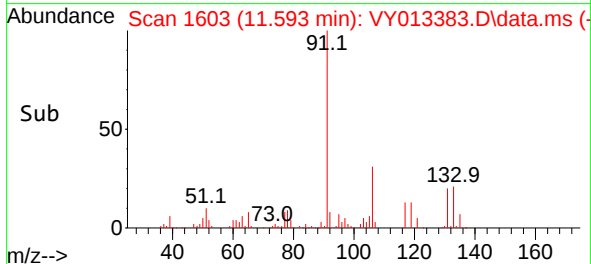
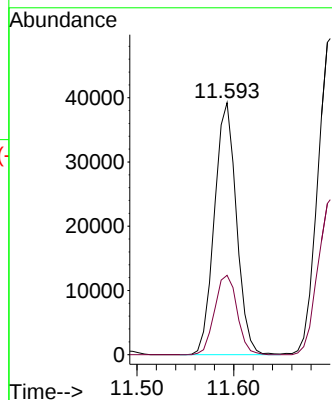
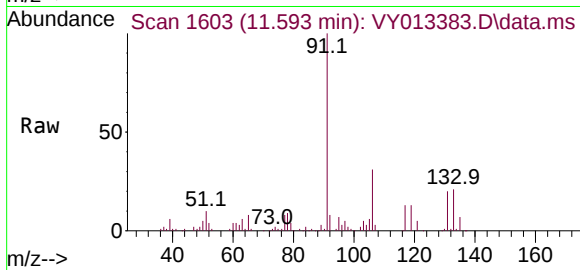




#67
Ethyl Benzene
Concen: 4.569 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

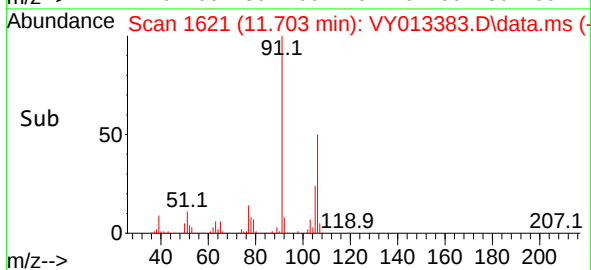
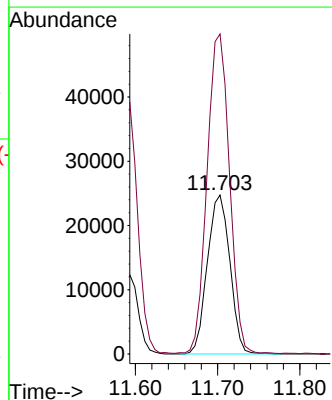
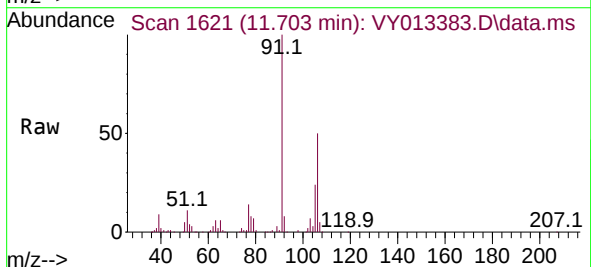
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

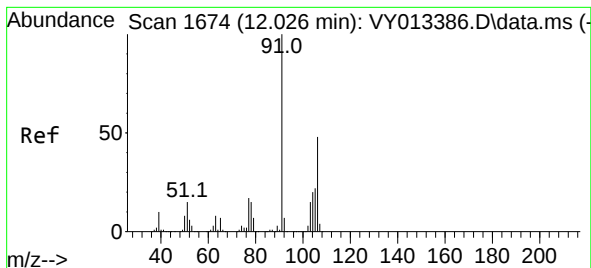
Tgt Ion: 91 Resp: 62063
Ion Ratio Lower Upper
91 100
106 31.5 25.1 37.7



#68
m/p-Xylenes
Concen: 8.895 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 106 Resp: 47078
Ion Ratio Lower Upper
106 100
91 200.7 160.9 241.3





#69

o-Xylene

Concen: 4.486 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

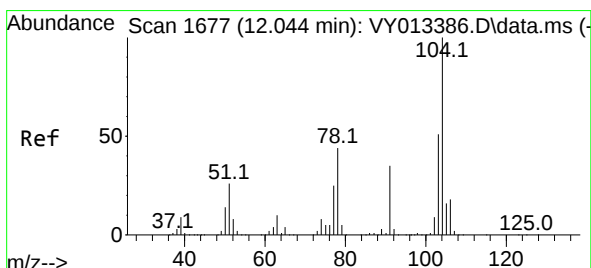
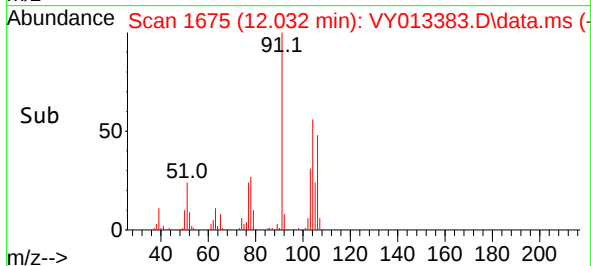
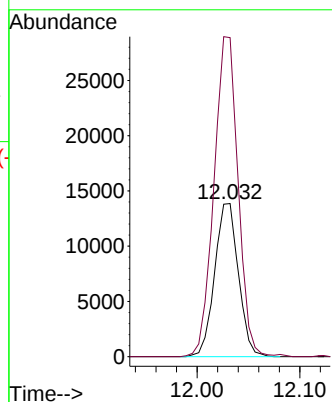
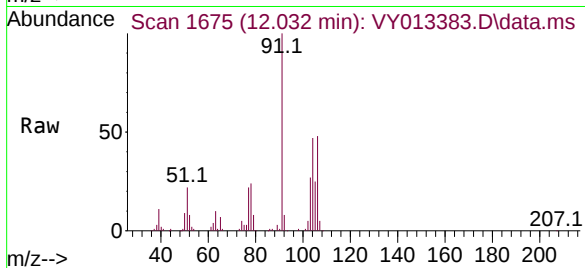
VSTDIC005

Tgt Ion:106 Resp: 22192

Ion Ratio Lower Upper

106 100

91 212.7 105.5 316.4



#70

Styrene

Concen: 4.346 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

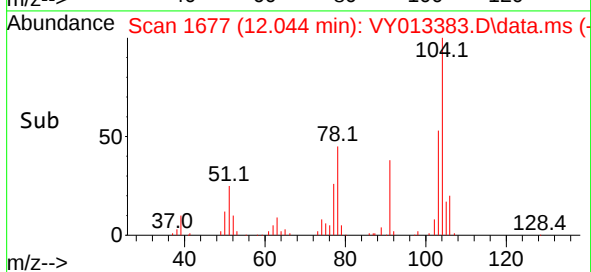
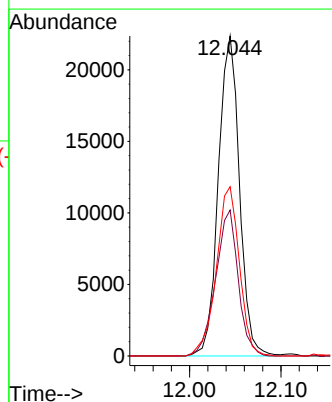
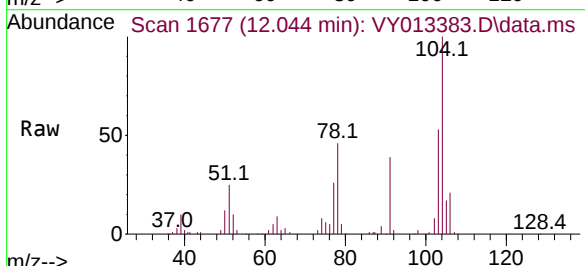
Tgt Ion:104 Resp: 35958

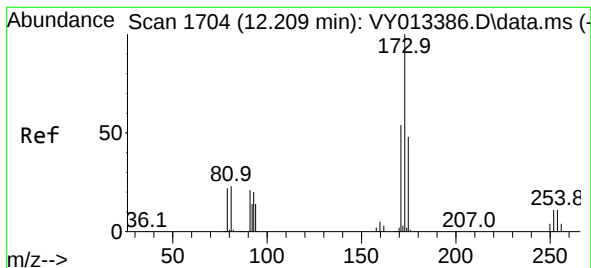
Ion Ratio Lower Upper

104 100

78 48.8 40.3 60.5

103 57.6 45.0 67.4





#71

Bromoform

Concen: 4.797 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

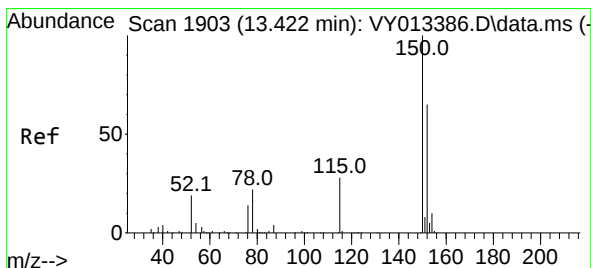
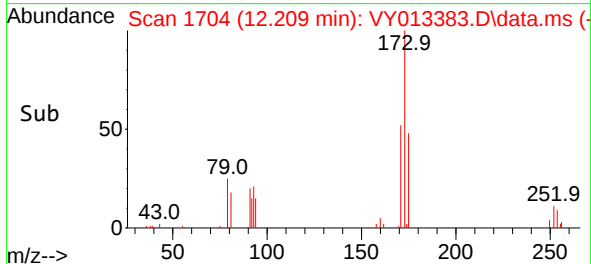
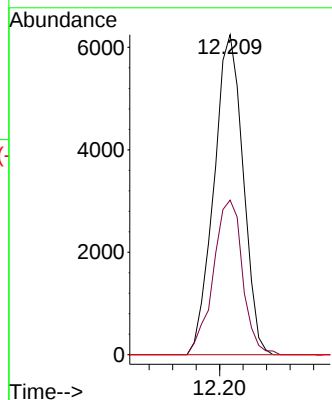
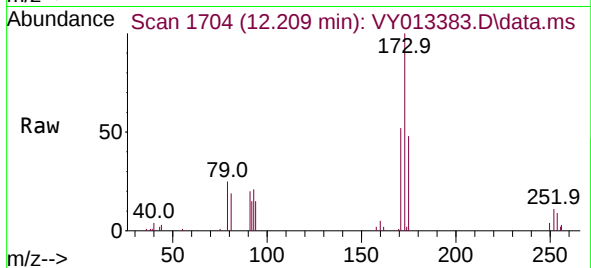
Tgt Ion:173 Resp: 10782

Ion Ratio Lower Upper

173 100

175 48.4 24.3 72.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

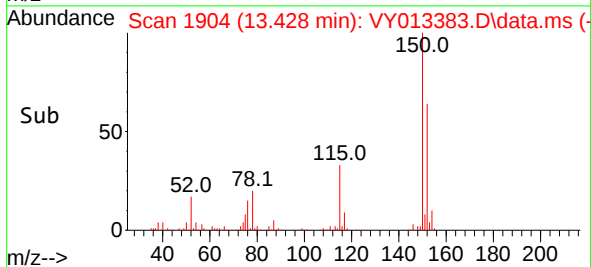
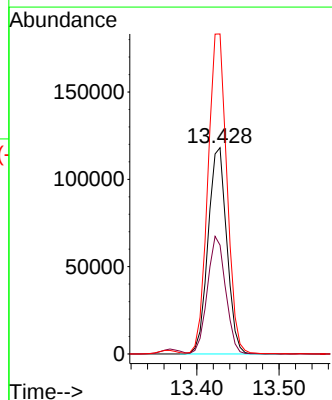
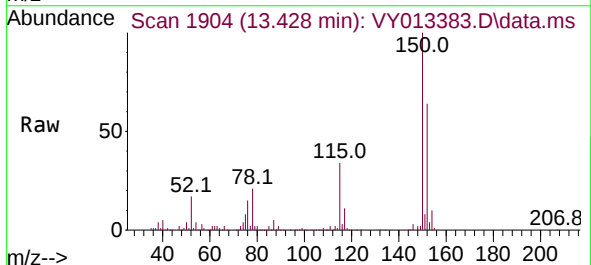
Tgt Ion:152 Resp: 186236

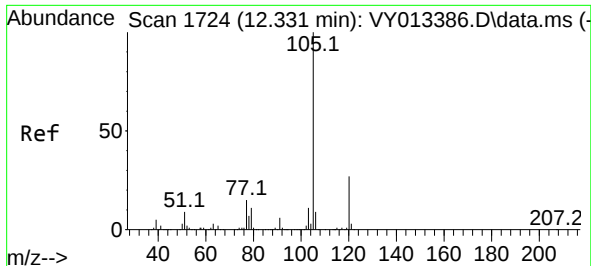
Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.2

150 157.4 0.0 352.0

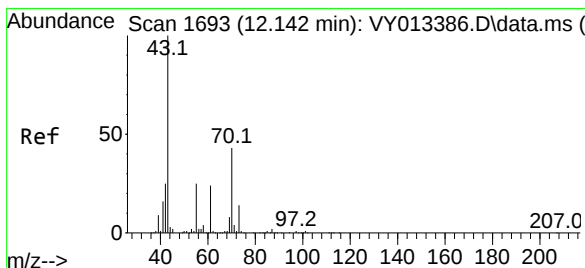
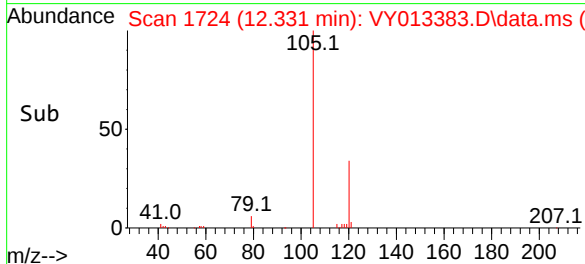
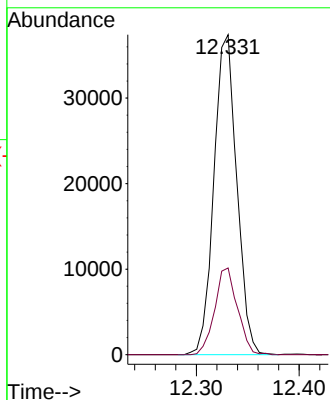
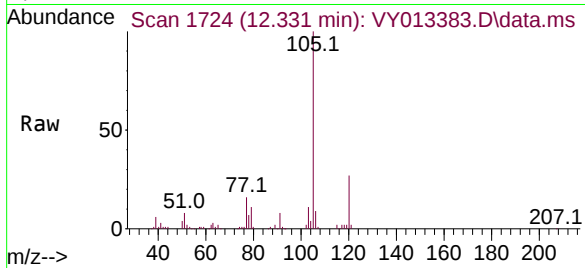




#73
Isopropylbenzene
Concen: 4.582 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

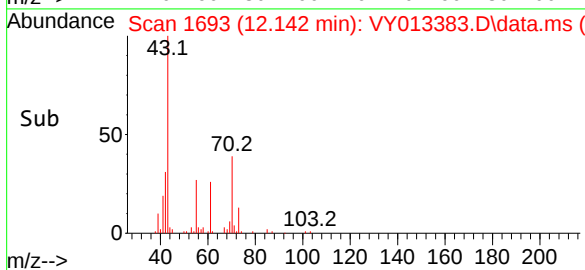
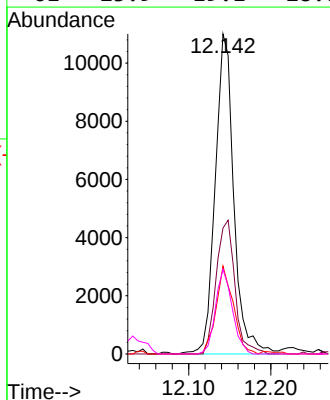
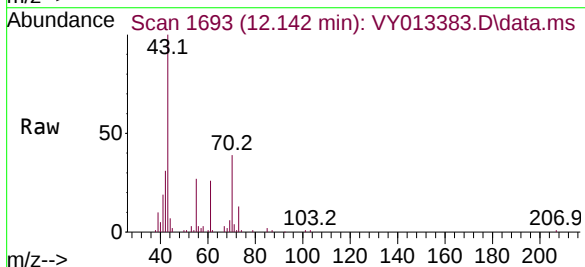
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

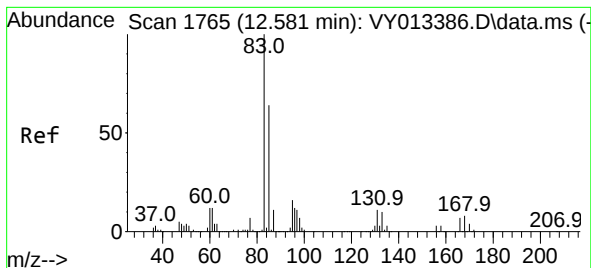
Tgt Ion:105 Resp: 57613
Ion Ratio Lower Upper
105 100
120 27.0 13.7 41.0



#74
N-ethyl acetate
Concen: 4.424 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 43 Resp: 17332
Ion Ratio Lower Upper
43 100
70 41.9 33.0 49.4
55 25.5 19.8 29.6
61 23.9 19.1 28.7





#75

1,1,2-Tetrachloroethane

Concen: 5.189 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

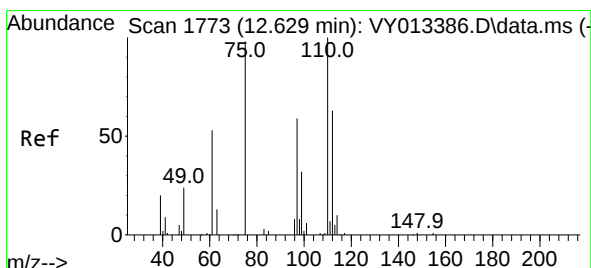
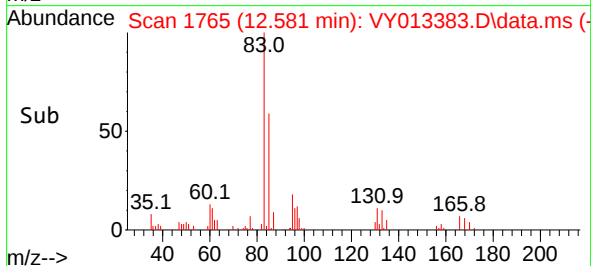
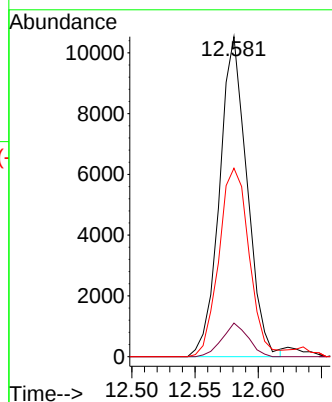
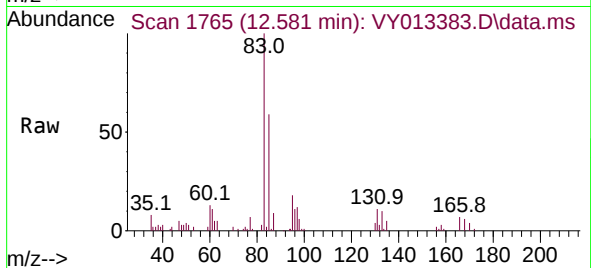
Tgt Ion: 83 Resp: 15933

Ion Ratio Lower Upper

83 100

131 9.9 5.7 17.0

85 64.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 9.245 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY013383.D

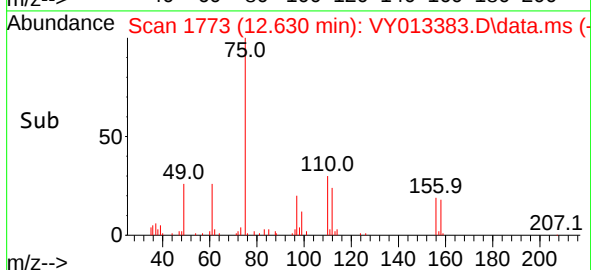
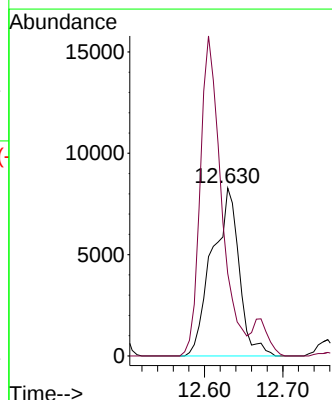
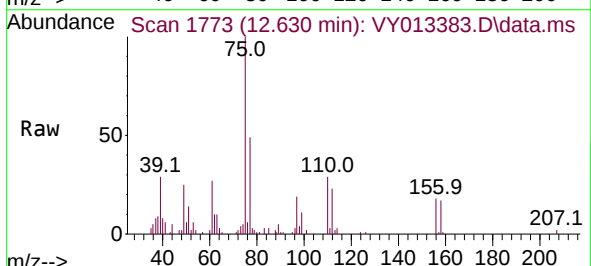
Acq: 21 Apr 2023 14:11

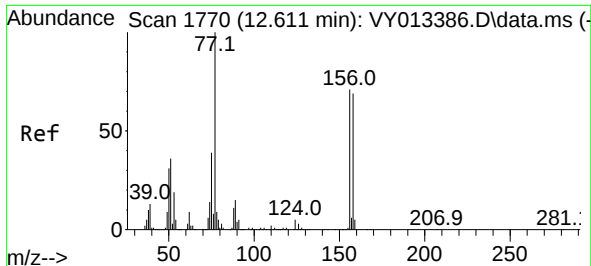
Tgt Ion: 75 Resp: 19958

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

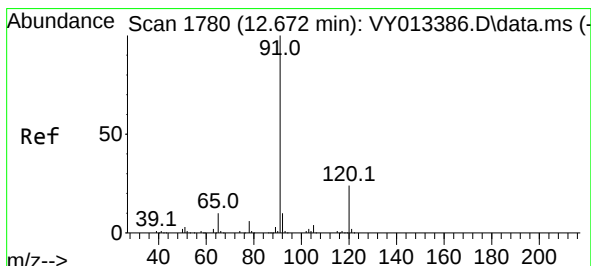
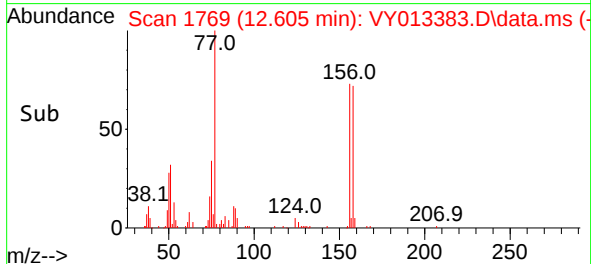
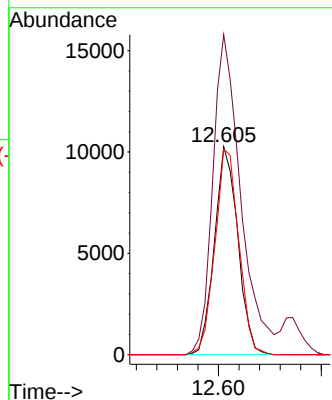
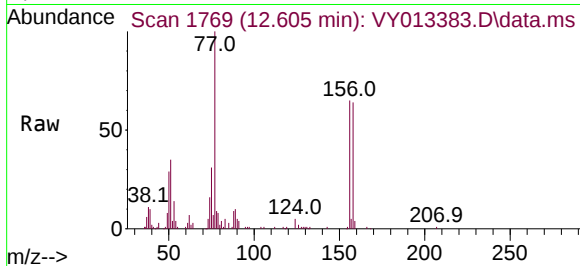




#77
Bromobenzene
Concen: 4.897 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

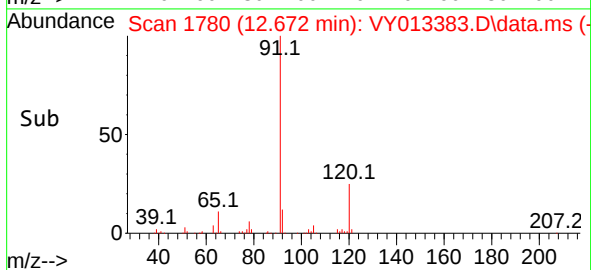
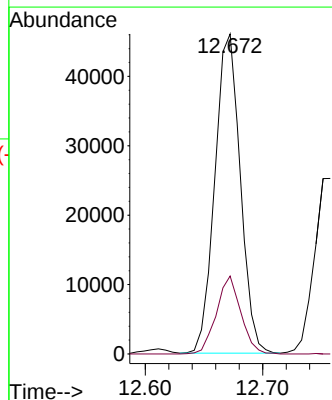
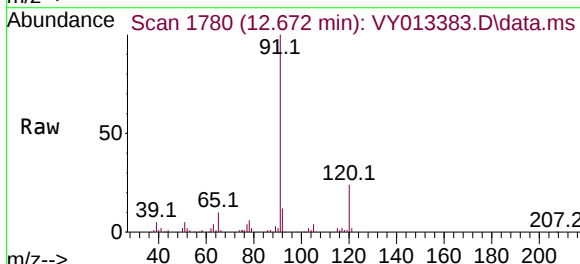
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

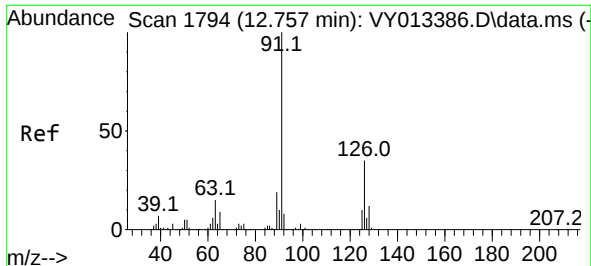
Tgt Ion:156 Resp: 16190
Ion Ratio Lower Upper
156 100
77 183.4 87.6 262.9
158 100.7 48.5 145.5



#78
n-propylbenzene
Concen: 4.521 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion: 91 Resp: 69129
Ion Ratio Lower Upper
91 100
120 23.4 11.9 35.9





#79

2-Chlorotoluene

Concen: 4.656 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

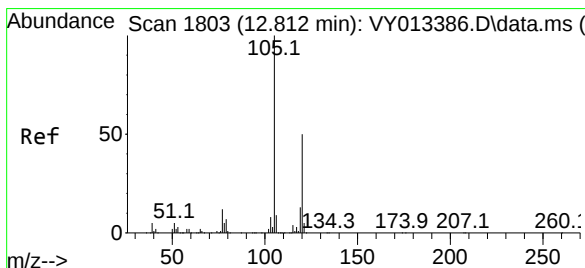
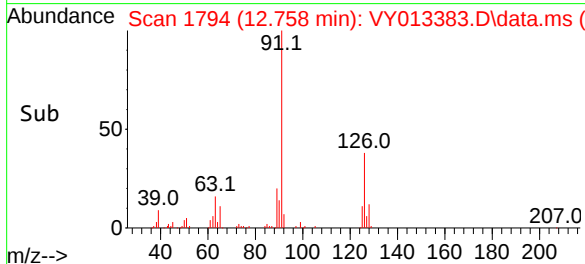
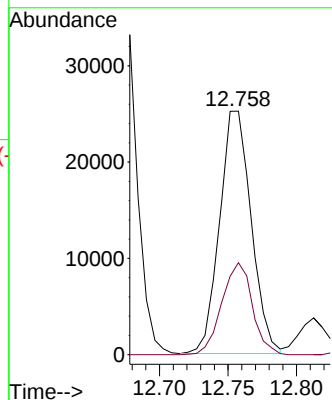
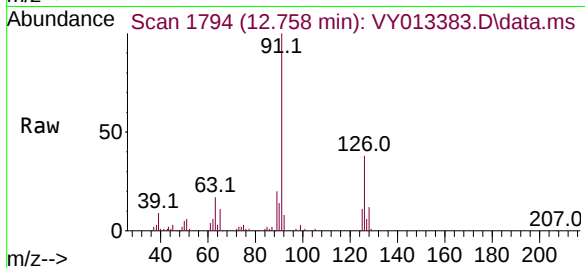
VSTDIC005

Tgt Ion: 91 Resp: 40522

Ion Ratio Lower Upper

91 100

126 36.5 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 4.443 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013383.D

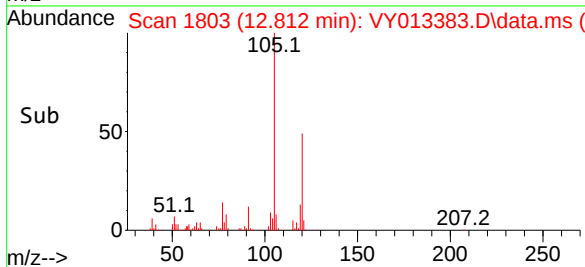
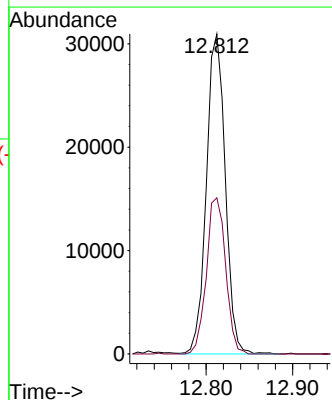
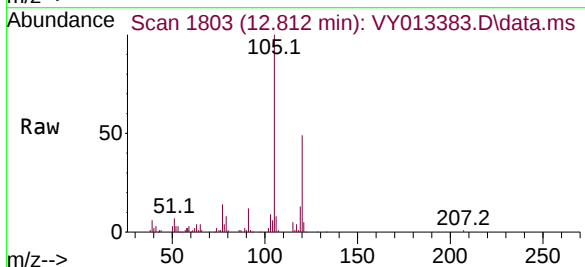
Acq: 21 Apr 2023 14:11

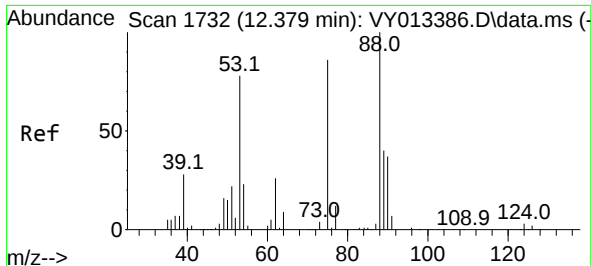
Tgt Ion: 105 Resp: 46789

Ion Ratio Lower Upper

105 100

120 49.8 24.7 74.1

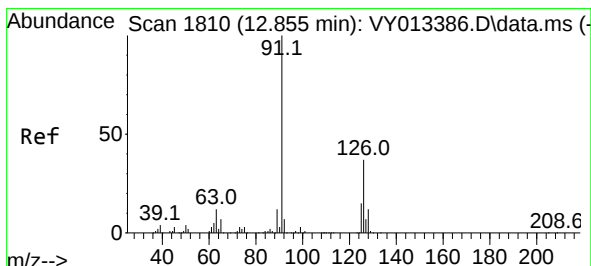
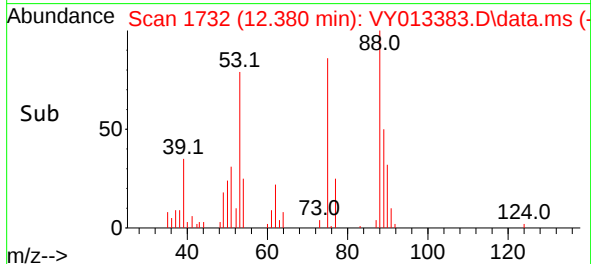
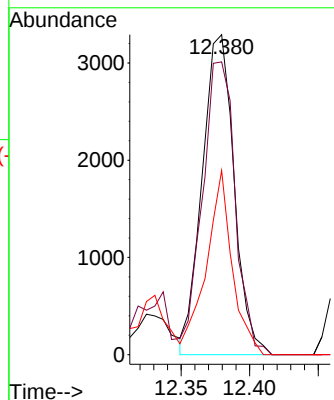
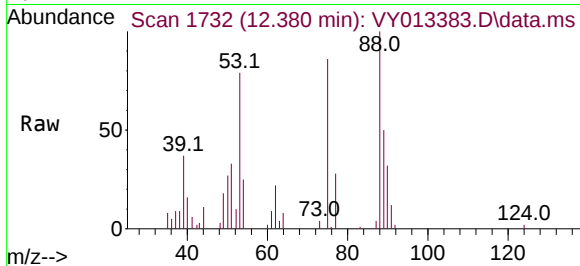




#81
trans-1,4-Dichloro-2-butene
Concen: 4.869 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

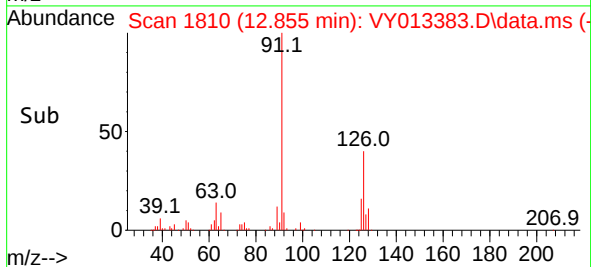
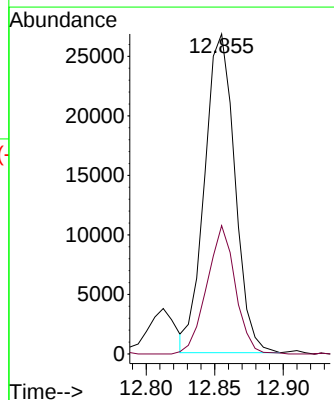
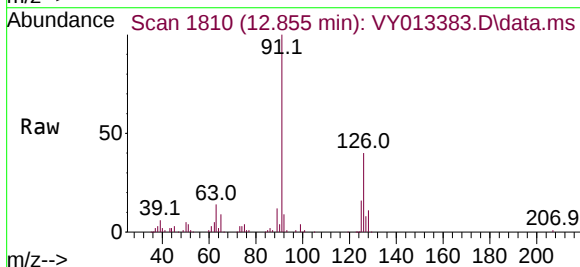
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

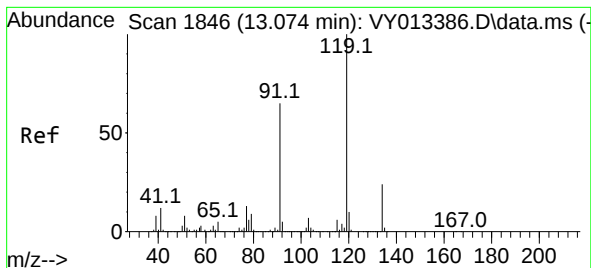
Tgt Ion:	75	Resp:	5326
Ion	Ratio	Lower	Upper
75	100		
53	94.9	73.2	109.8
89	46.6	38.0	57.0



#82
4-Chlorotoluene
Concen: 4.539 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion:	91	Resp:	41163
Ion	Ratio	Lower	Upper
91	100		
126	37.9	17.9	53.8





#83

tert-Butylbenzene

Concen: 4.531 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

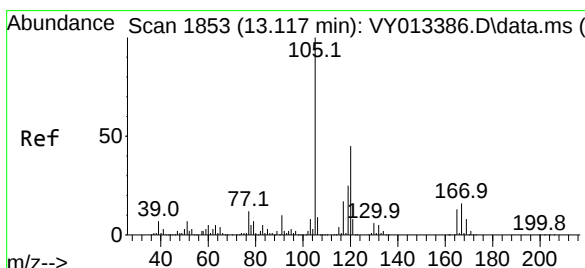
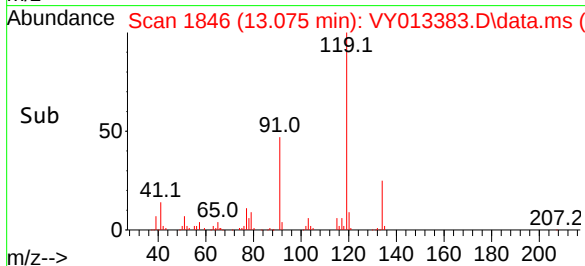
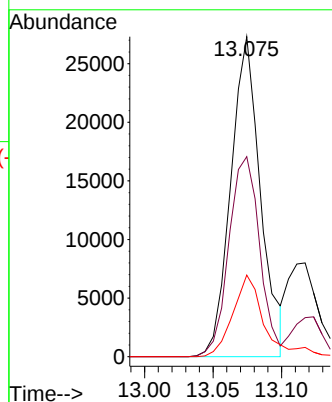
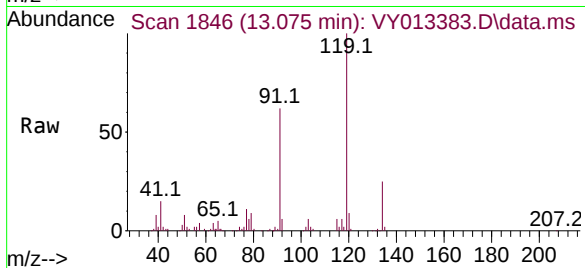
Tgt Ion:119 Resp: 41317

Ion Ratio Lower Upper

119 100

91 64.7 32.2 96.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 4.303 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY013383.D

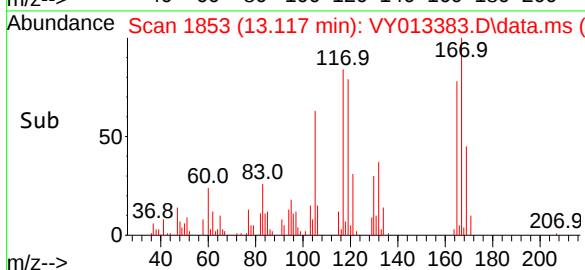
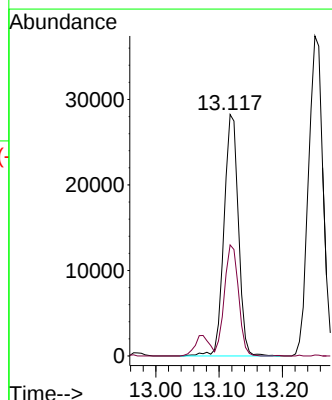
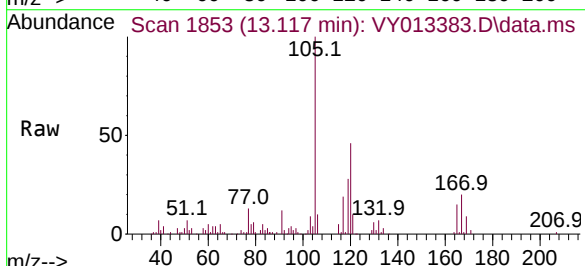
Acq: 21 Apr 2023 14:11

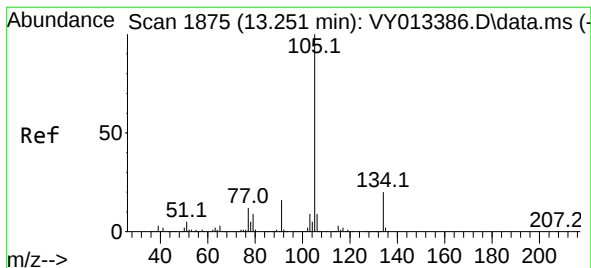
Tgt Ion:105 Resp: 44454

Ion Ratio Lower Upper

105 100

120 45.1 22.3 66.9





#85

sec-Butylbenzene

Concen: 4.424 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

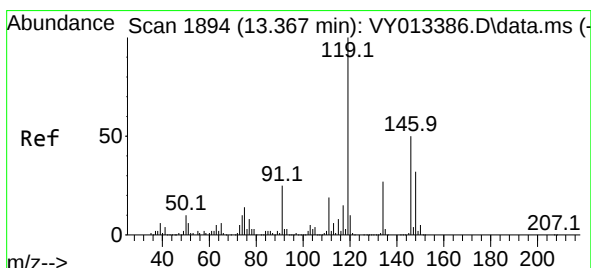
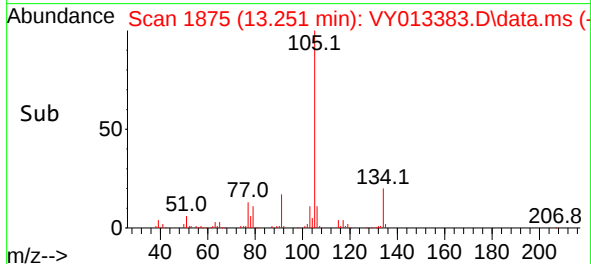
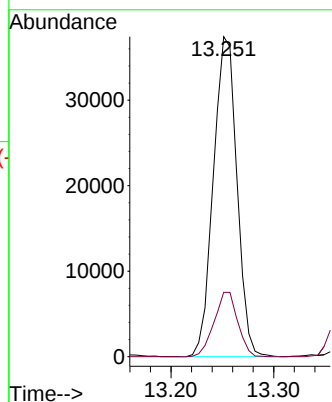
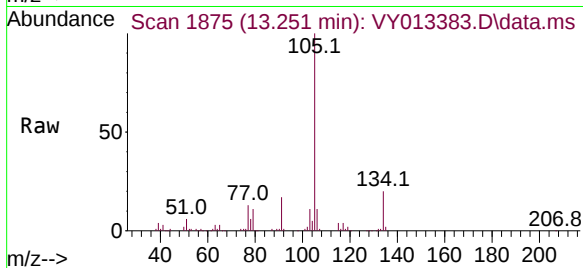
VSTDIC005

Tgt Ion:105 Resp: 59562

Ion Ratio Lower Upper

105 100

134 20.2 10.3 30.9



#86

p-Isopropyltoluene

Concen: 4.573 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

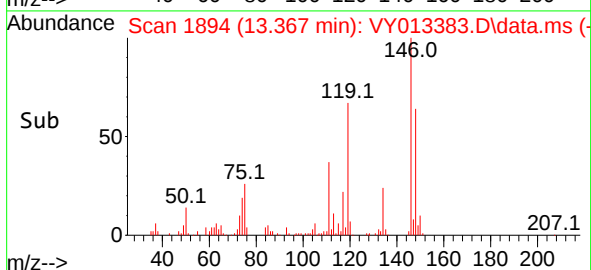
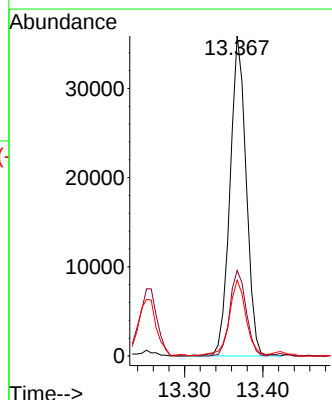
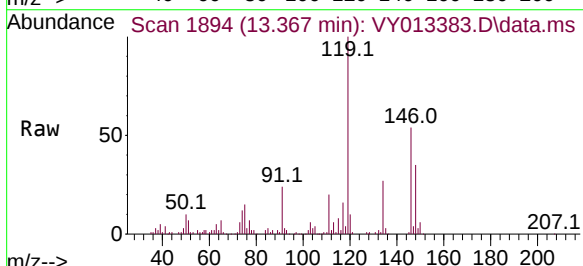
Tgt Ion:119 Resp: 51423

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.2

91 24.8 12.1 36.3

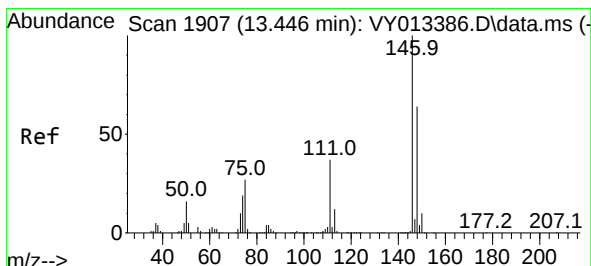
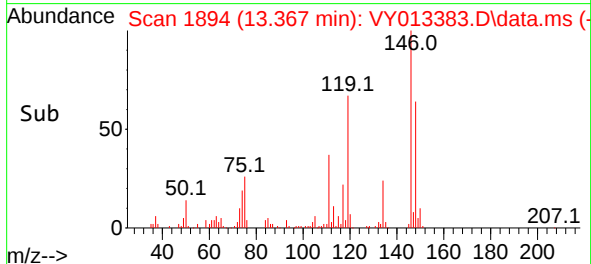
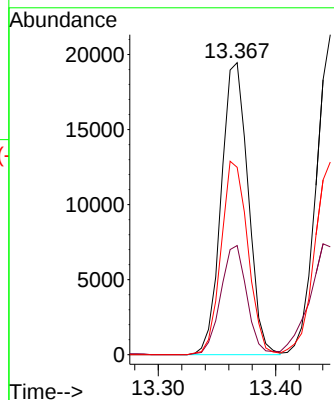
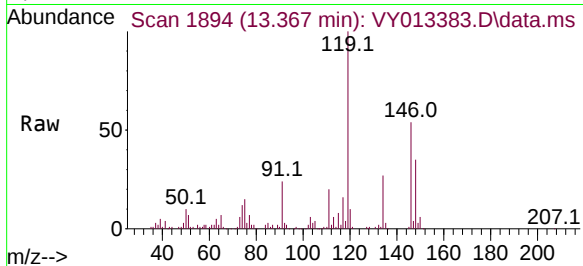




#87
1,3-Dichlorobenzene
Concen: 4.924 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

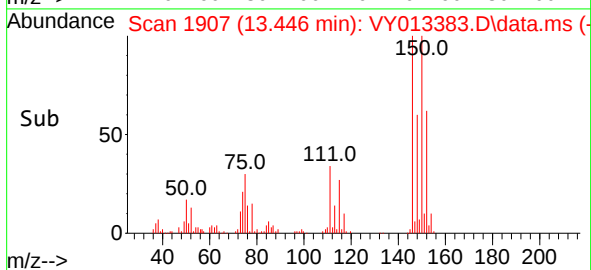
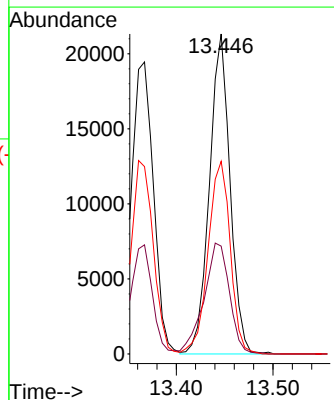
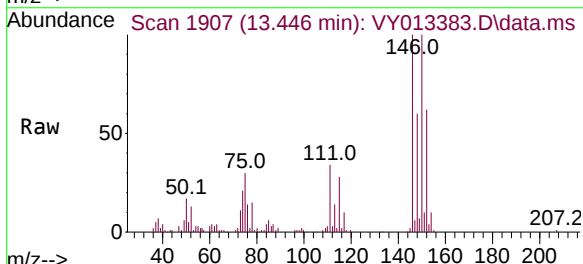
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

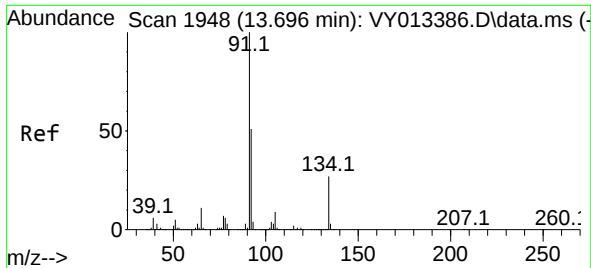
Tgt Ion:146 Resp: 30914
Ion Ratio Lower Upper
146 100
111 36.3 19.3 57.9
148 66.0 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 4.982 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion:146 Resp: 31631
Ion Ratio Lower Upper
146 100
111 43.0 18.9 56.5
148 64.6 31.9 95.5

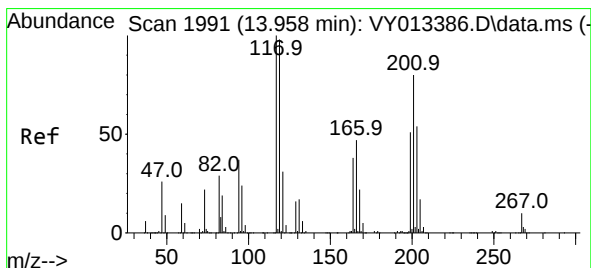
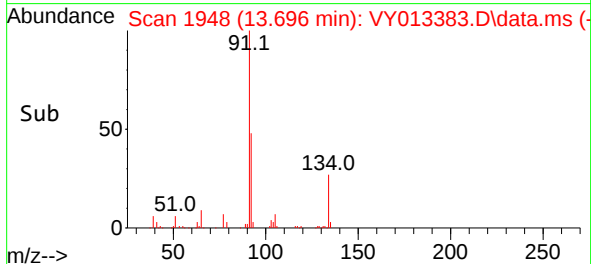
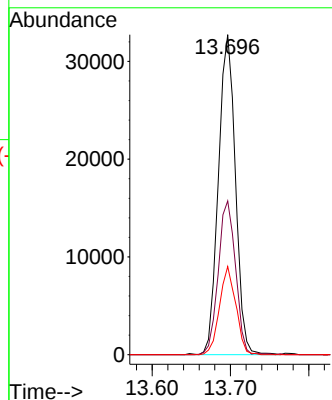
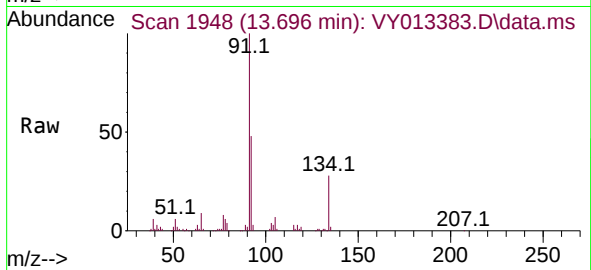




#89
n-Butylbenzene
Concen: 4.721 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

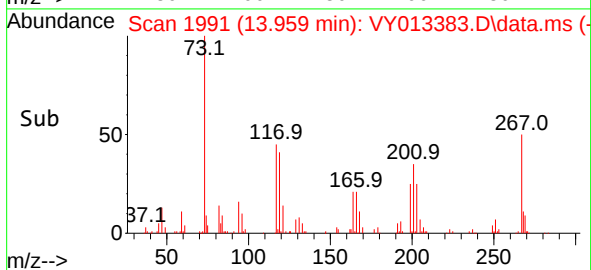
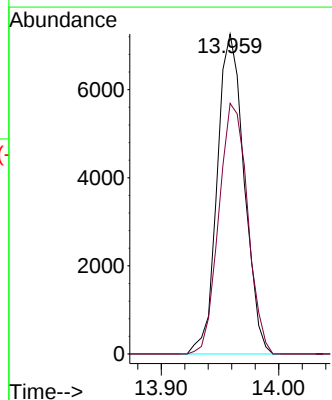
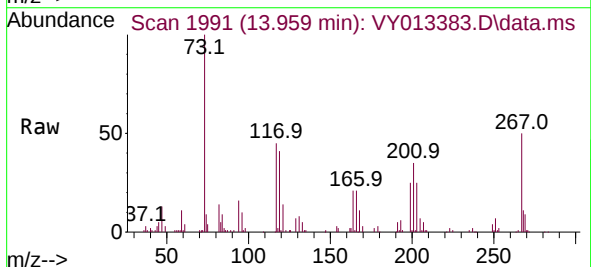
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

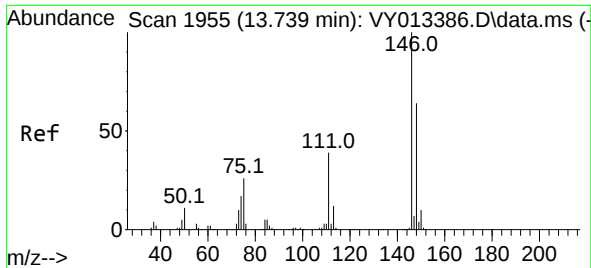
Tgt Ion:	91	Resp:	49638
Ion	Ratio	Lower	Upper
91	100		
92	48.8	25.8	77.3
134	26.4	13.5	40.4



#90
Hexachloroethane
Concen: 4.883 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion:	117	Resp:	11587
Ion	Ratio	Lower	Upper
117	100		
201	83.4	41.6	124.8

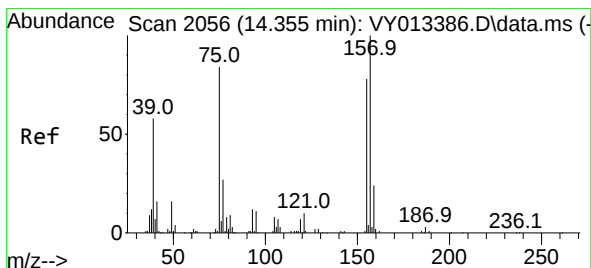
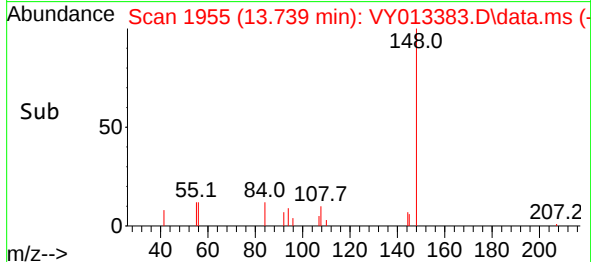
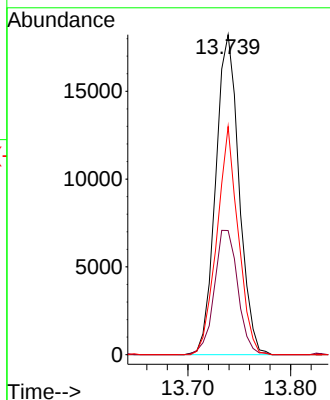
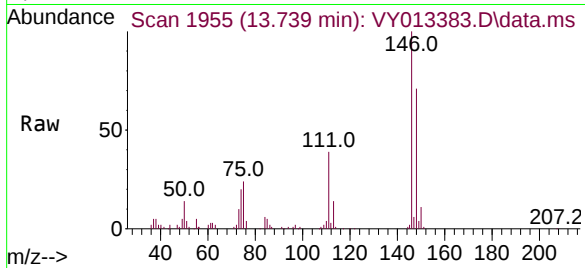




#91
 1,2-Dichlorobenzene
 Concen: 4.942 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY013383.D
 Acq: 21 Apr 2023 14:11

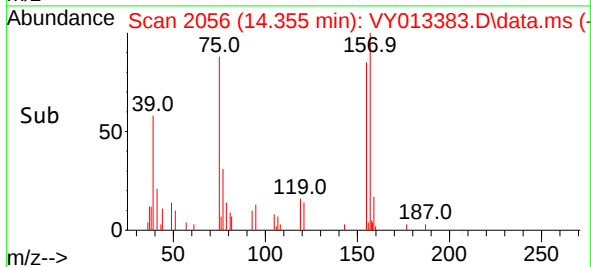
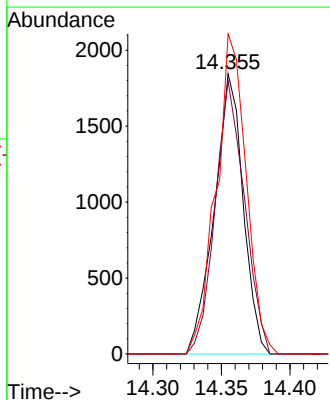
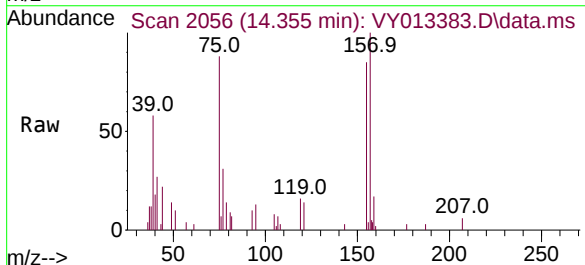
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC005

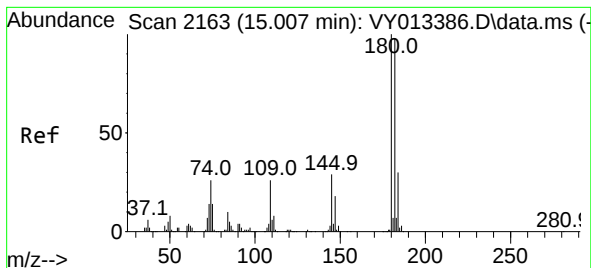
Tgt Ion:146	Resp:	28694
Ion Ratio	Lower	Upper
146	100	
111	39.3	19.8 59.4
148	65.3	31.8 95.4



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 4.772 ug/l
 RT: 14.355 min Scan# 2056
 Delta R.T. 0.000 min
 Lab File: VY013383.D
 Acq: 21 Apr 2023 14:11

Tgt Ion: 75	Resp:	2695
Ion Ratio	Lower	Upper
75	100	
155	99.3	44.6 134.0
157	119.1	57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 4.507 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC005

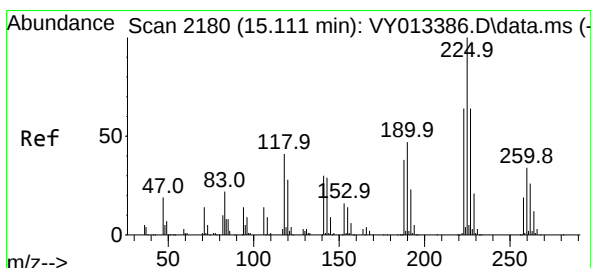
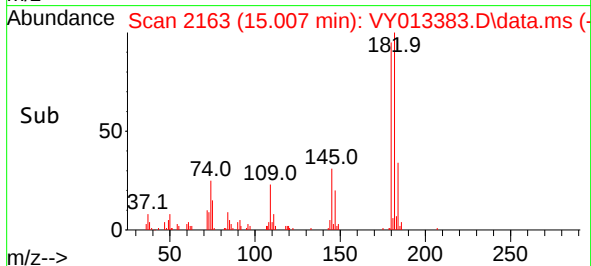
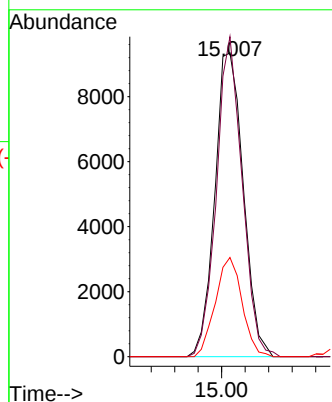
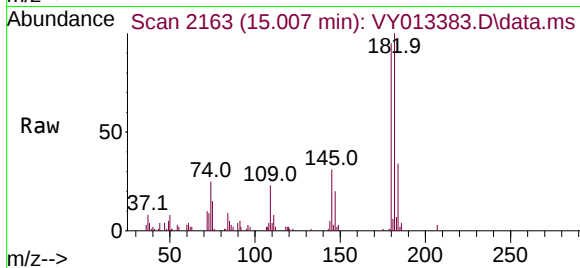
Tgt Ion:180 Resp: 15760

Ion Ratio Lower Upper

180 100

182 94.7 48.5 145.5

145 30.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 5.011 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013383.D

Acq: 21 Apr 2023 14:11

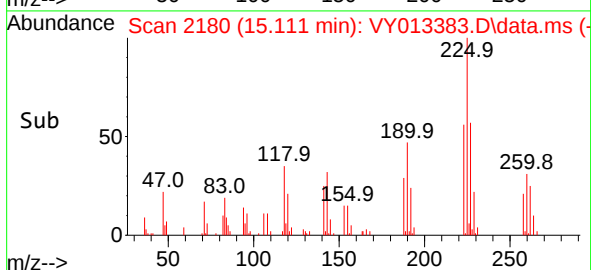
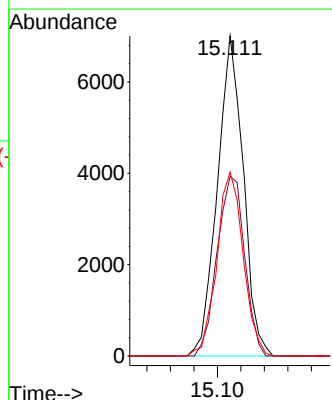
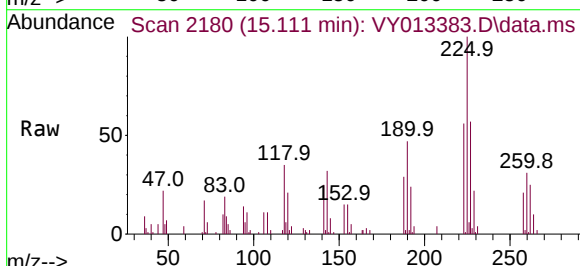
Tgt Ion:225 Resp: 10736

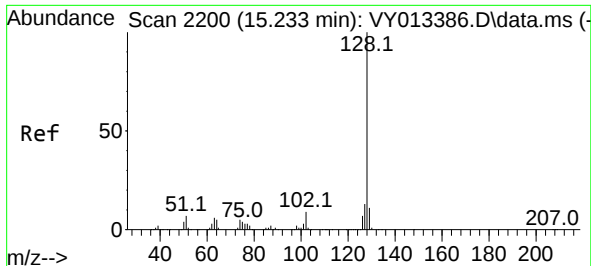
Ion Ratio Lower Upper

225 100

223 59.6 31.4 94.2

227 58.5 32.0 96.0

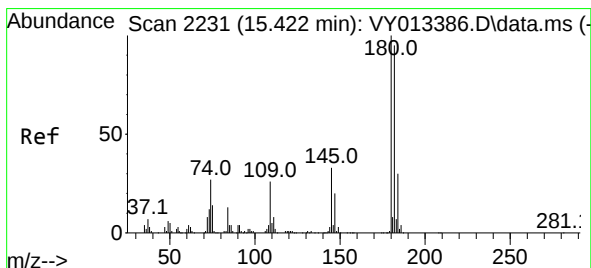
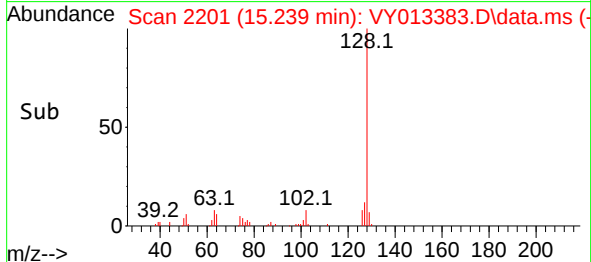
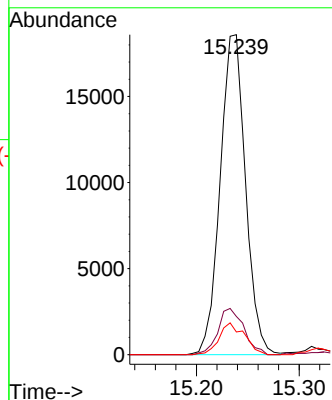
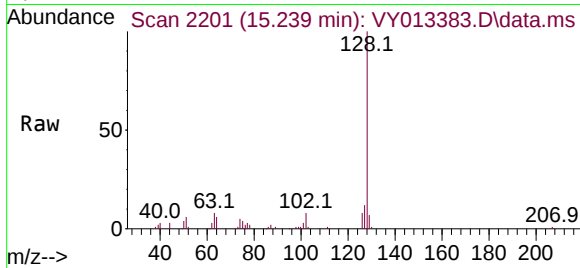




#95
Naphthalene
Concen: 4.249 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Instrument :
MSVOA_V
ClientSampleId :
VSTDIC005

Tgt Ion:	128	Resp:	31881
Ion Ratio	Lower	Upper	
128	100		
127	14.8	10.7	16.1
129	9.9	8.8	13.2



#96
1,2,3-Trichlorobenzene
Concen: 4.801 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. 0.006 min
Lab File: VY013383.D
Acq: 21 Apr 2023 14:11

Tgt Ion:	180	Resp:	15574
Ion Ratio	Lower	Upper	
180	100		
182	93.2	47.1	141.3
145	29.6	15.9	47.7

