

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042123\
 Data File : VY013384.D
 Acq On : 21 Apr 2023 14:34
 Operator : KP/MD
 Sample : VSTDICC010
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDICC010

Quant Time: Apr 22 01:06:27 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	275363	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	427298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	195910	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	31147	10.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	21.580%#
35) Dibromofluoromethane	7.716	113	28070	10.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	21.000%#
50) Toluene-d8	10.179	98	97998	10.245	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	20.480%#
62) 4-Bromofluorobenzene	12.477	95	33417	10.492	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	20.980%#

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	28976	10.359	ug/l	94
3) Chloromethane	2.107	50	31074	10.107	ug/l	99
4) Vinyl Chloride	2.253	62	28496	9.828	ug/l	91
5) Bromomethane	2.656	94	19959	10.112	ug/l	98
6) Chloroethane	2.796	64	17426	9.987	ug/l	93
7) Trichlorofluoromethane	3.125	101	47383	9.686	ug/l	96
8) Diethyl Ether	3.528	74	18121	10.553	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	28453	10.175	ug/l	95
10) Methyl Iodide	4.088	142	35683	9.571	ug/l	99
11) Tert butyl alcohol	4.972	59	6908	21.078	ug/l #	88
12) 1,1-Dichloroethene	3.869	96	27509	10.043	ug/l	93
13) Acrolein	3.729	56	17860	58.085	ug/l	100
14) Allyl chloride	4.479	41	48109	10.366	ug/l	92
15) Acrylonitrile	5.168	53	50308	52.711	ug/l	99
16) Acetone	3.960	43	55033	46.638	ug/l	99
17) Carbon Disulfide	4.192	76	91450	10.290	ug/l	99
18) Methyl Acetate	4.479	43	38324	10.624	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	76412	9.888	ug/l	98
20) Methylene Chloride	4.710	84	59763	9.105	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	30927	10.111	ug/l	93
22) Diisopropyl ether	6.112	45	93829	10.763	ug/l	89
23) Vinyl Acetate	6.058	43	296060	53.175	ug/l	99
24) 1,1-Dichloroethane	6.009	63	55379	10.471	ug/l	98
25) 2-Butanone	6.990	43	71682	52.626	ug/l	94
26) 2,2-Dichloropropane	6.978	77	44709	9.870	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	33080	10.226	ug/l	98
28) Bromochloromethane	7.332	49	19853	11.260	ug/l	89
29) Tetrahydrofuran	7.344	42	45119	55.940	ug/l	95
30) Chloroform	7.503	83	57005	10.426	ug/l	96
31) Cyclohexane	7.789	56	49113	10.731	ug/l #	92
32) 1,1,1-Trichloroethane	7.704	97	48763	10.066	ug/l	98
36) 1,1-Dichloropropene	7.917	75	42242	10.399	ug/l	97
37) Ethyl Acetate	7.070	43	31217	10.261	ug/l	100
38) Carbon Tetrachloride	7.899	117	45554	9.688	ug/l	100
39) Methylcyclohexane	9.185	83	46338	9.933	ug/l	98
40) Benzene	8.161	78	121782	10.343	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	14490	9.831	ug/l #	92
42) 1,2-Dichloroethane	8.240	62	39779	10.265	ug/l	99
43) Isopropyl Acetate	8.271	43	54066	11.161	ug/l	98
44) Trichloroethene	8.935	130	33224	10.075	ug/l	98
45) 1,2-Dichloropropane	9.216	63	31375	10.991	ug/l	97
46) Dibromomethane	9.307	93	20067	10.502	ug/l	96
47) Bromodichloromethane	9.496	83	43629	10.195	ug/l	95
48) Methyl methacrylate	9.295	41	24757	10.892	ug/l	94
49) 1,4-Dioxane	9.313	88	4428	153.299	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	149000	54.202	ug/l	99
52) Toluene	10.240	92	74059	10.034	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	44766	9.933	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	49248	10.081	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	26455	10.176	ug/l	97
56) Ethyl methacrylate	10.508	69	34074	9.871	ug/l	99
57) 1,3-Dichloropropane	10.788	76	43562	10.365	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.783	63	69195	53.693	ug/l	96
59) 2-Hexanone	10.831	43	107495	51.538	ug/l	99
60) Dibromochloromethane	10.984	129	32890	10.090	ug/l	99
61) 1,2-Dibromoethane	11.087	107	26520	10.320	ug/l	99
64) Tetrachloroethene	10.721	164	29074	10.097	ug/l	98
65) Chlorobenzene	11.514	112	81038	10.020	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	30818	10.040	ug/l	97
67) Ethyl Benzene	11.593	91	134479	9.806	ug/l	98
68) m/p-Xylenes	11.697	106	106616	19.950	ug/l	97
69) o-Xylene	12.026	106	48552	9.720	ug/l	98
70) Styrene	12.044	104	83529	9.998	ug/l	98
71) Bromoform	12.209	173	23429	10.324	ug/l #	99
73) Isopropylbenzene	12.331	105	127640	9.650	ug/l	99
74) N-amyl acetate	12.142	43	43974	10.671	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	34723	10.749	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	43733	19.258	ug/l #	100
77) Bromobenzene	12.605	156	34328	9.871	ug/l	98
78) n-propylbenzene	12.672	91	158984	9.884	ug/l	99
79) 2-Chlorotoluene	12.758	91	91829	10.031	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	109602	9.894	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	12179	10.585	ug/l	99
82) 4-Chlorotoluene	12.855	91	97017	10.169	ug/l	99
83) tert-Butylbenzene	13.075	119	92183	9.611	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	107853	9.924	ug/l	100
85) sec-Butylbenzene	13.251	105	140254	9.903	ug/l	98
86) p-Isopropyltoluene	13.367	119	114209	9.655	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	66621	10.088	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	66899	10.017	ug/l	96
89) n-Butylbenzene	13.697	91	107452	9.714	ug/l	98
90) Hexachloroethane	13.959	117	24777	9.926	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	62286	10.199	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6370	10.723	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	34709	9.436	ug/l	98
94) Hexachlorobutadiene	15.111	225	21531	9.554	ug/l	99
95) Naphthalene	15.233	128	75160	9.523	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	33612	9.850	ug/l	97

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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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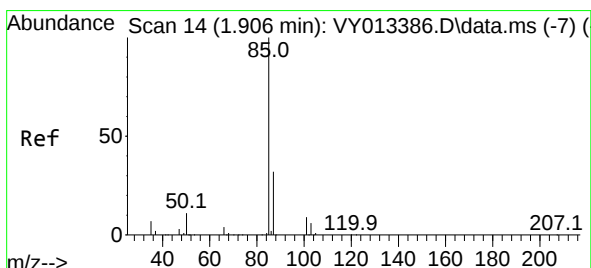
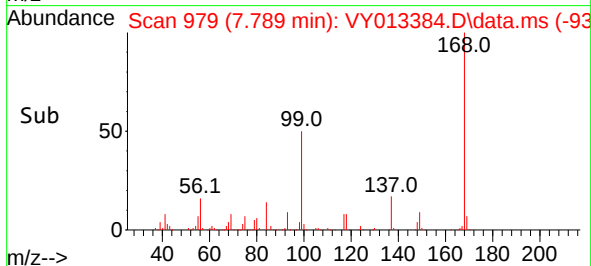
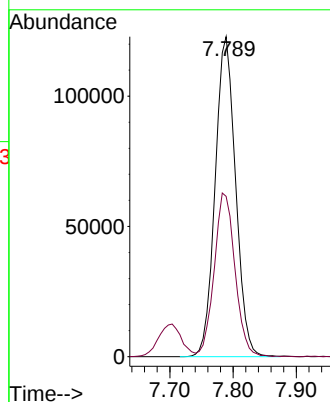
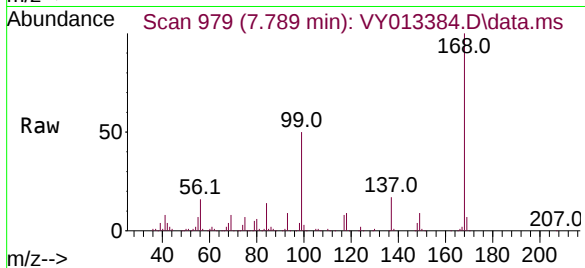




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013384.D
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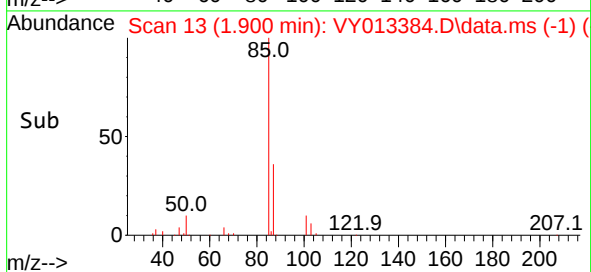
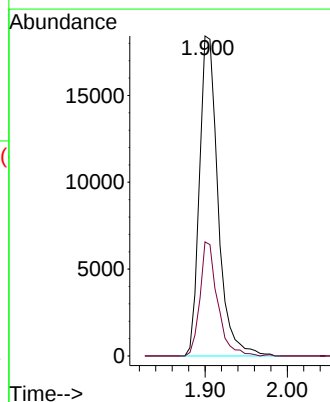
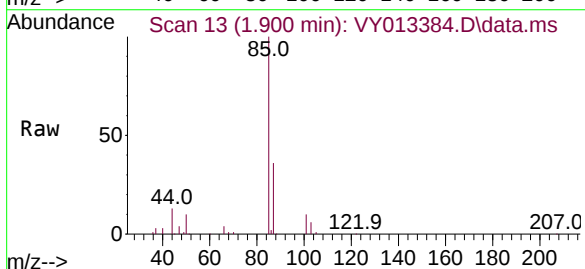
Instrument :
MSVOA_V
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VSTDIC010

Tgt Ion:168 Resp: 275363
Ion Ratio Lower Upper
168 100
99 50.0 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 10.359 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 85 Resp: 28976
Ion Ratio Lower Upper
85 100
87 35.7 16.1 48.2

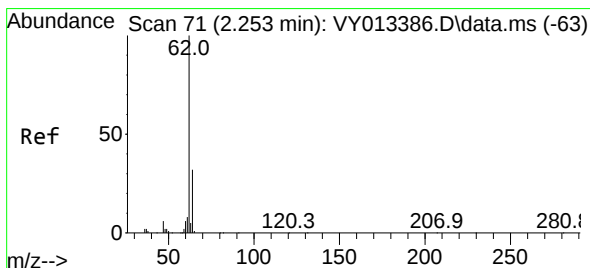
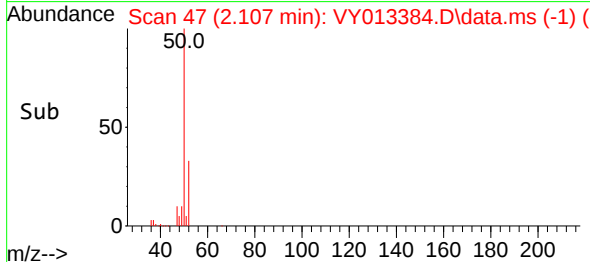
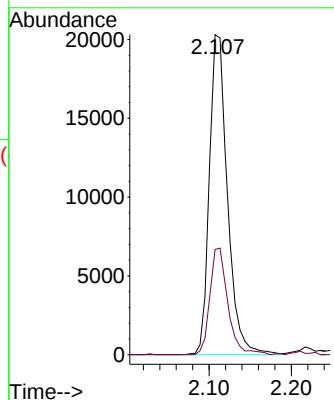
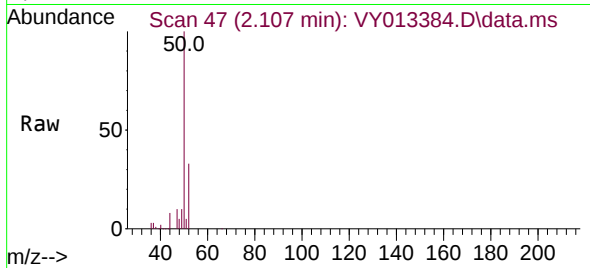




#3
Chloromethane
Concen: 10.107 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

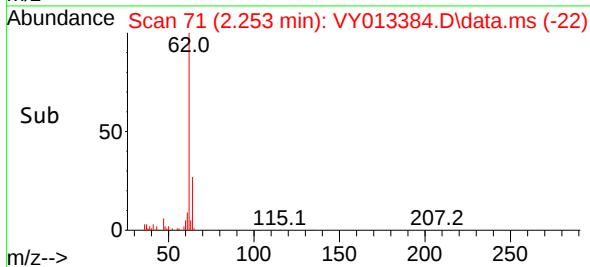
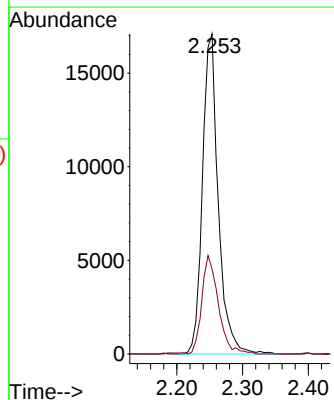
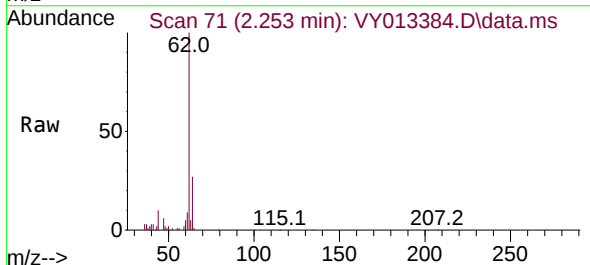
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

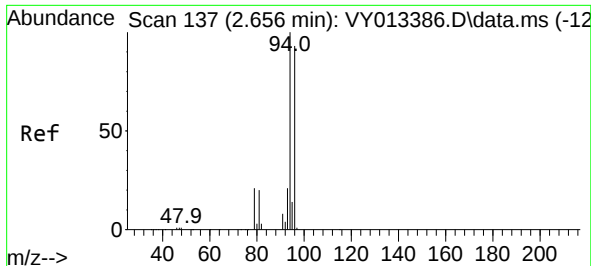
Tgt Ion: 50 Resp: 31074
Ion Ratio Lower Upper
50 100
52 32.9 25.9 38.9



#4
Vinyl Chloride
Concen: 9.828 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 62 Resp: 28496
Ion Ratio Lower Upper
62 100
64 26.5 25.4 38.0

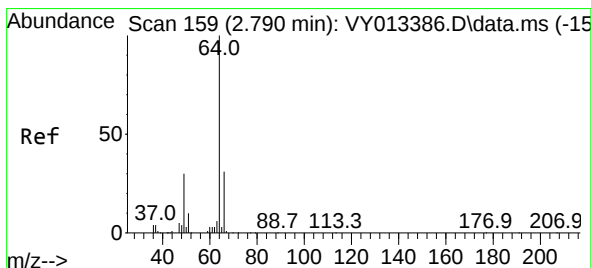
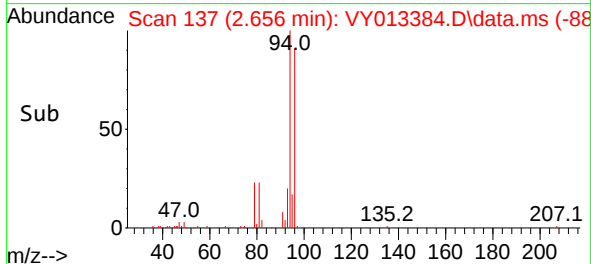
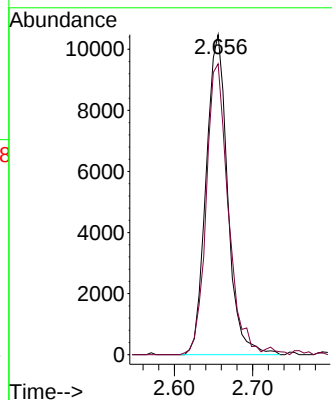
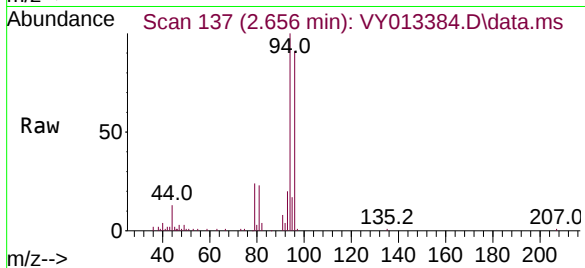




#5
Bromomethane
Concen: 10.112 ug/l
RT: 2.656 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

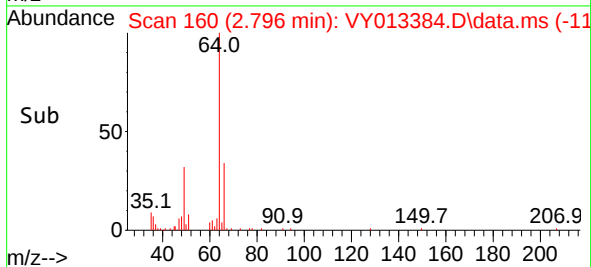
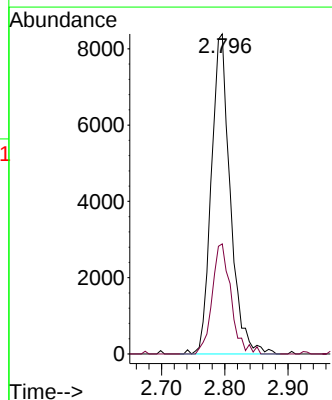
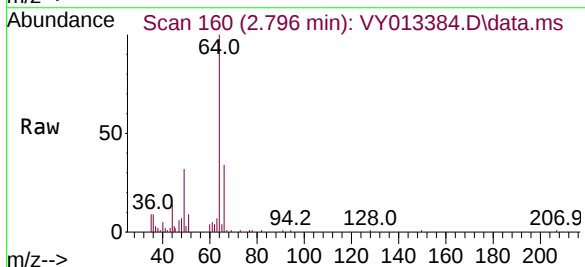
Instrument :
MSVOA_V
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Tgt Ion: 94 Resp: 19959
Ion Ratio Lower Upper
94 100
96 90.9 74.2 111.2



#6
Chloroethane
Concen: 9.987 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 64 Resp: 17426
Ion Ratio Lower Upper
64 100
66 34.4 24.6 37.0

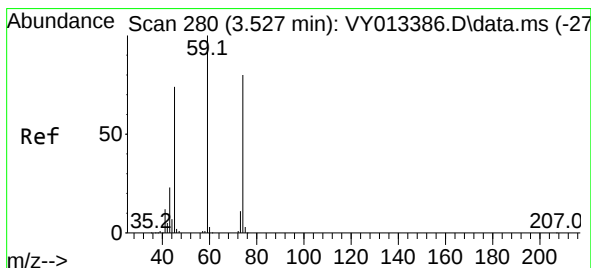
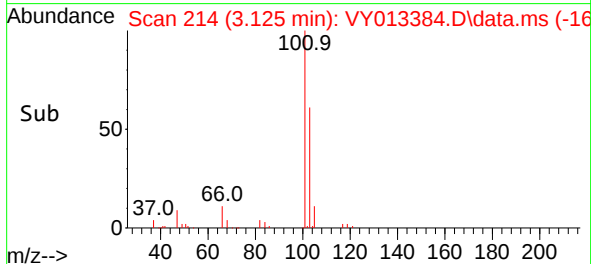
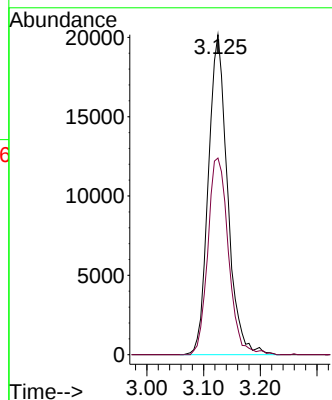
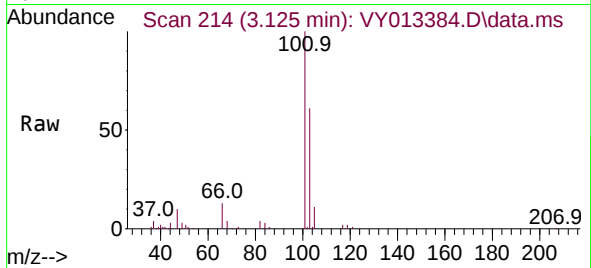




#7
 Trichlorofluoromethane
 Concen: 9.686 ug/l
 RT: 3.125 min Scan# 214
 Delta R.T. 0.000 min
 Lab File: VY013384.D
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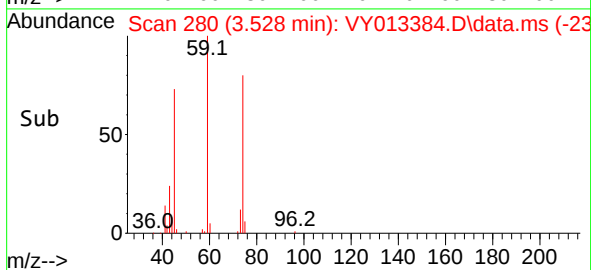
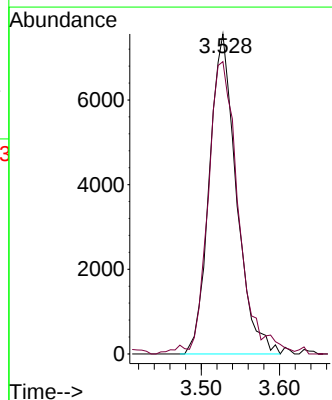
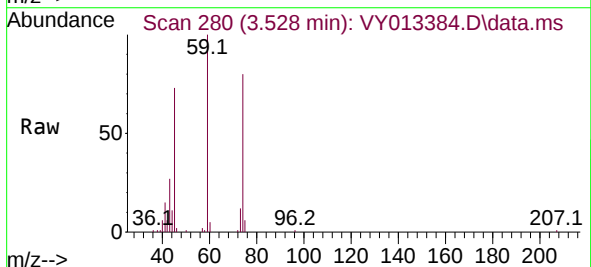
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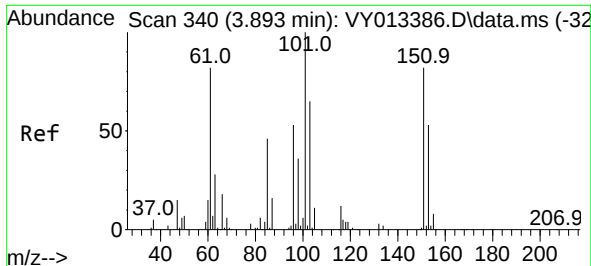
Tgt Ion:101 Resp: 47383
 Ion Ratio Lower Upper
 101 100
 103 61.4 51.6 77.4



#8
 Diethyl Ether
 Concen: 10.553 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY013384.D
 Acq: 21 Apr 2023 14:34

Tgt Ion: 74 Resp: 18121
 Ion Ratio Lower Upper
 74 100
 45 102.7 48.2 144.6

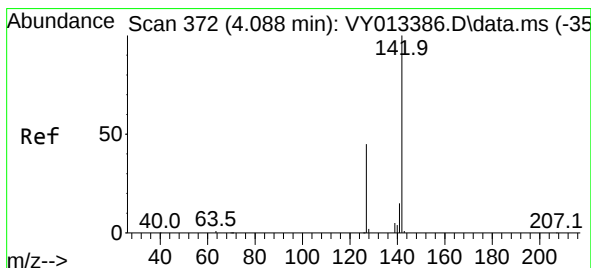
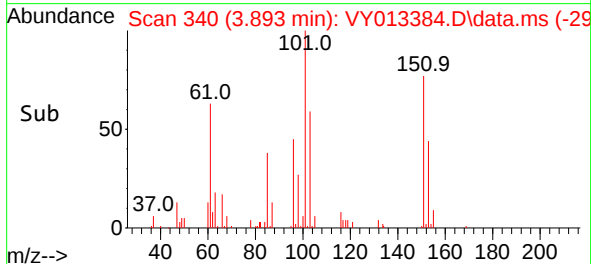
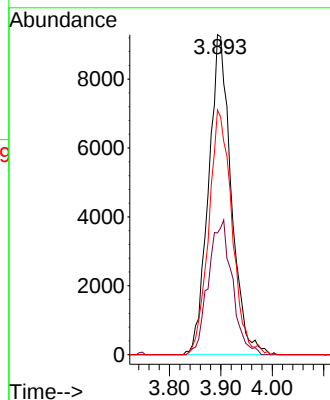
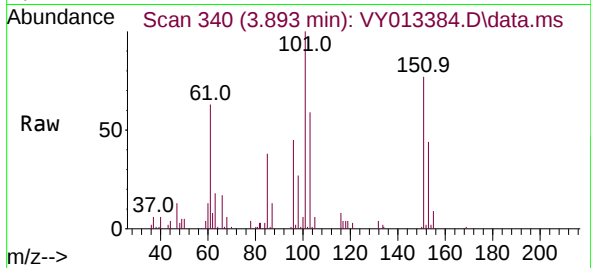




#9
1,1,2-Trichlorotrifluoroethane
Concen: 10.175 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.000 min
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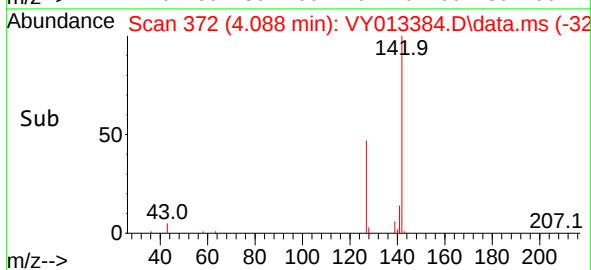
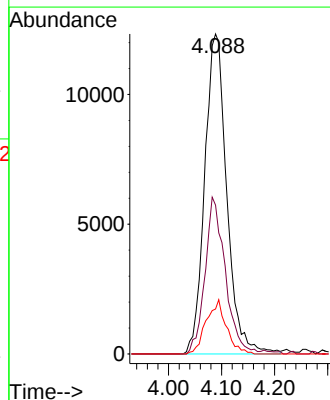
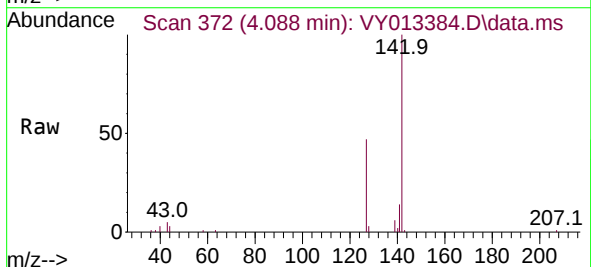
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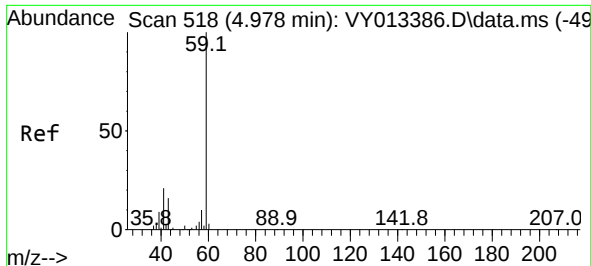
Tgt Ion:101 Resp: 28453
Ion Ratio Lower Upper
101 100
85 44.2 35.6 53.4
151 78.5 68.0 102.0



#10
Methyl Iodide
Concen: 9.571 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion:142 Resp: 35683
Ion Ratio Lower Upper
142 100
127 45.0 36.1 54.1
141 15.5 11.6 17.4

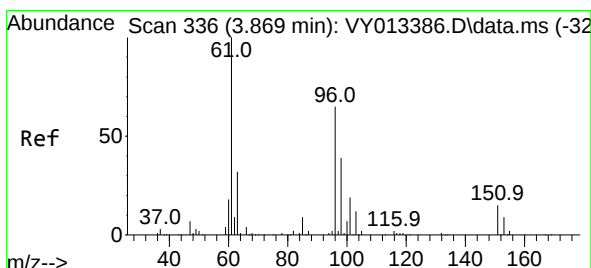
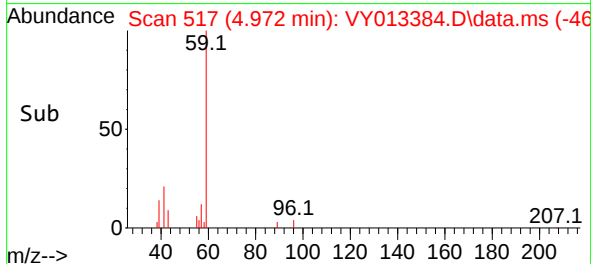
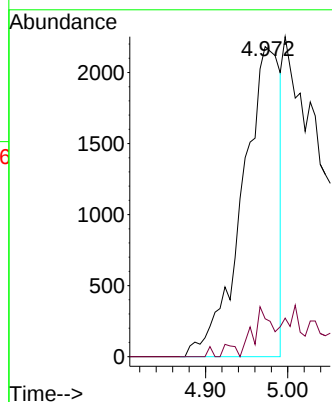
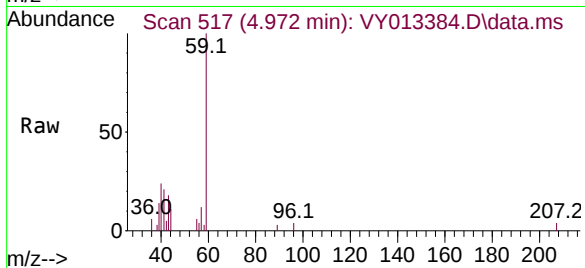




#11
Tert butyl alcohol
Concen: 21.078 ug/l
RT: 4.972 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

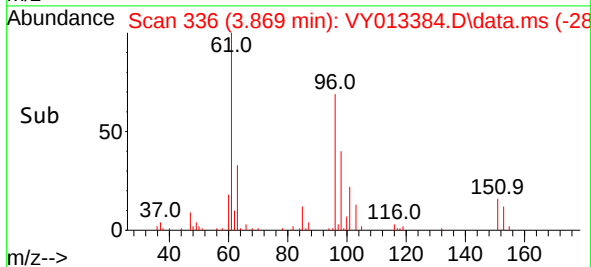
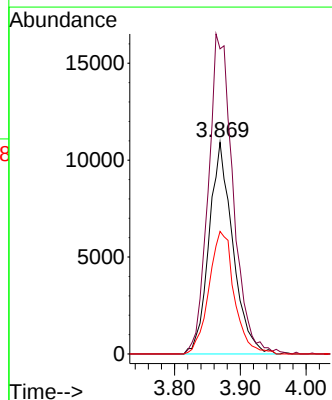
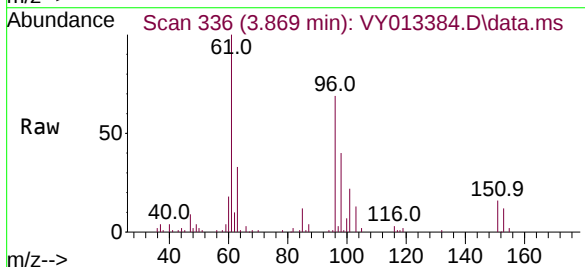
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

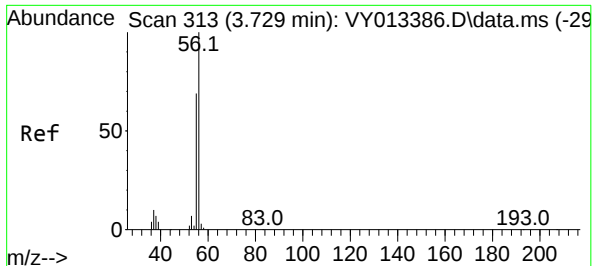
Tgt Ion: 59 Resp: 6908
Ion Ratio Lower Upper
59 100
57 7.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 10.043 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 96 Resp: 27509
Ion Ratio Lower Upper
96 100
61 144.1 123.9 185.9
98 57.9 48.9 73.3

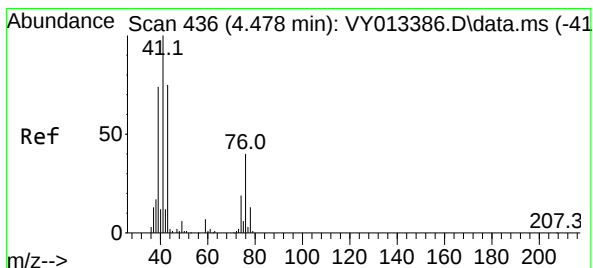
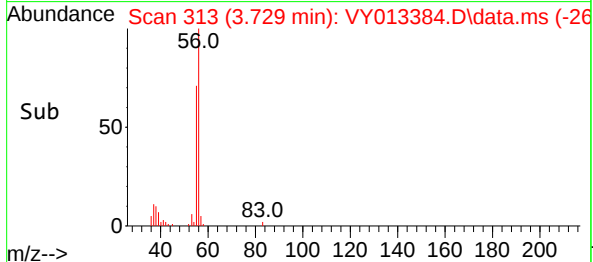
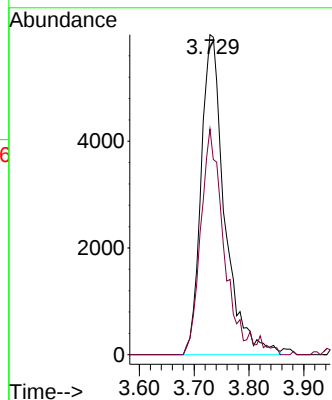
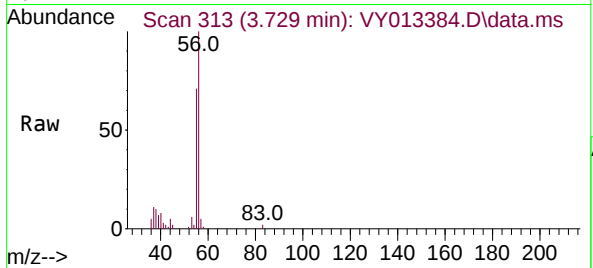




#13
Acrolein
Concen: 58.085 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

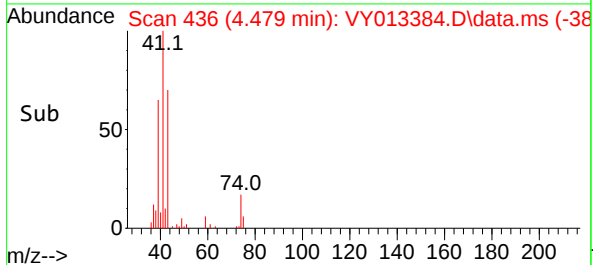
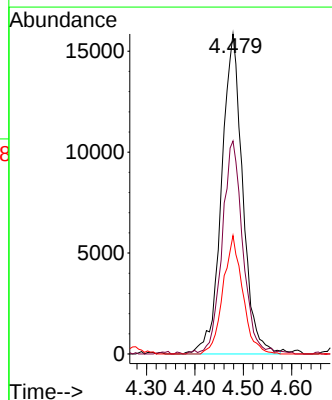
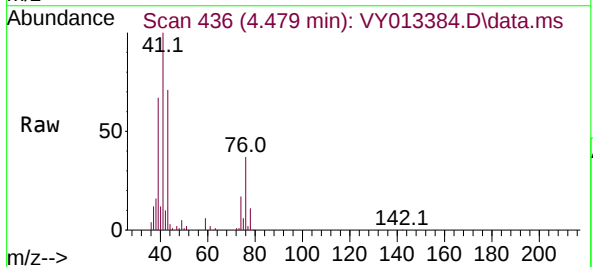
Instrument :
MSVOA_V
ClientSampleId :
VSTDICC010

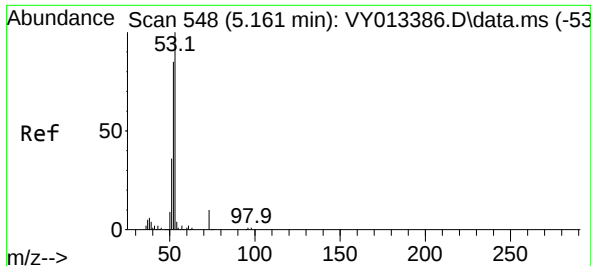
Tgt Ion: 56 Resp: 17860
Ion Ratio Lower Upper
56 100
55 67.8 54.1 81.1



#14
Allyl chloride
Concen: 10.366 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 41 Resp: 48109
Ion Ratio Lower Upper
41 100
39 63.6 56.6 85.0
76 34.5 30.5 45.7

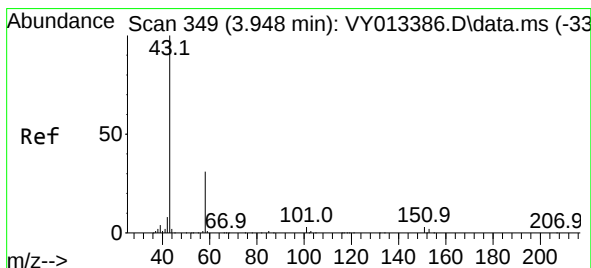
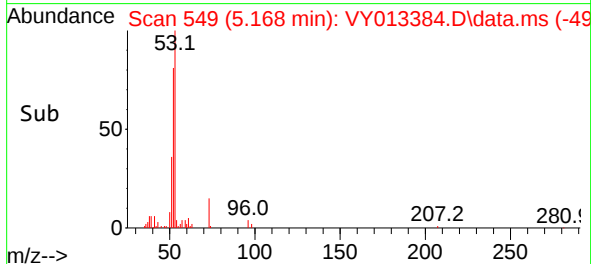
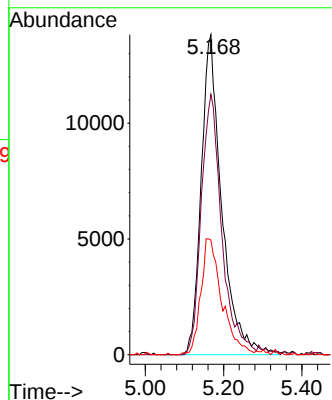
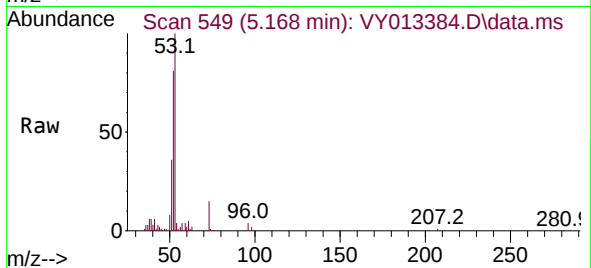




#15
Acrylonitrile
Concen: 52.711 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

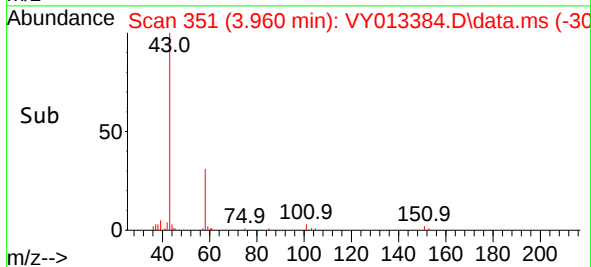
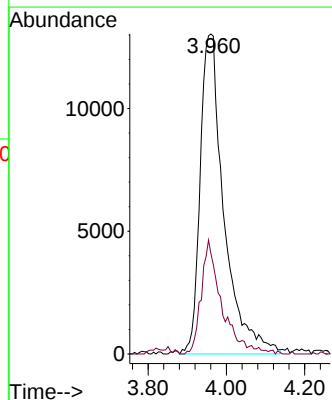
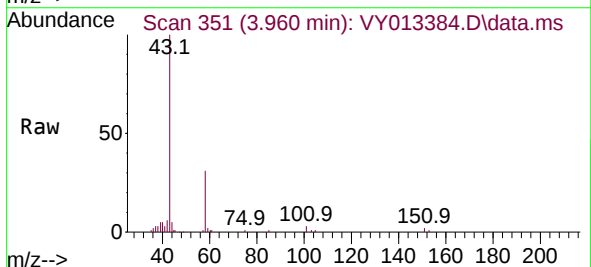
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

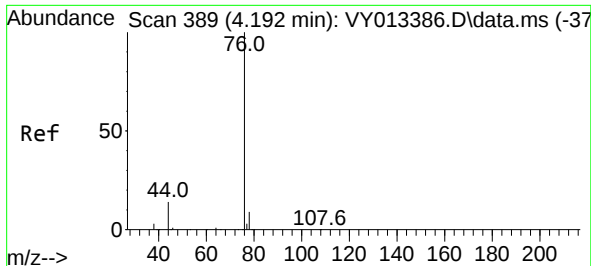
Tgt Ion: 53 Resp: 50308
Ion Ratio Lower Upper
53 100
52 81.1 65.4 98.0
51 37.3 29.3 43.9



#16
Acetone
Concen: 46.638 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 43 Resp: 55033
Ion Ratio Lower Upper
43 100
58 31.3 25.4 38.0

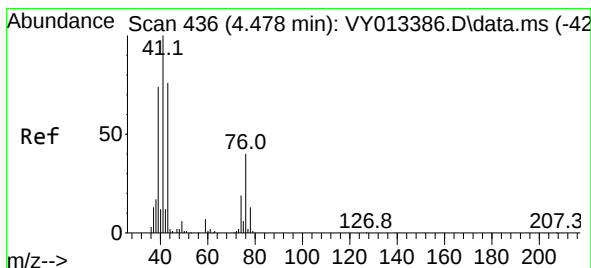
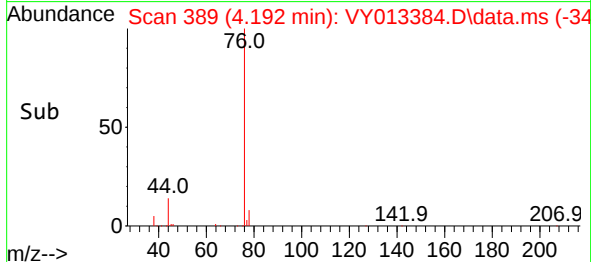
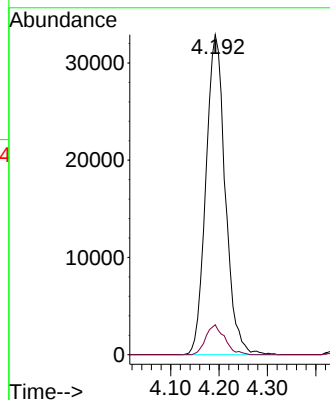
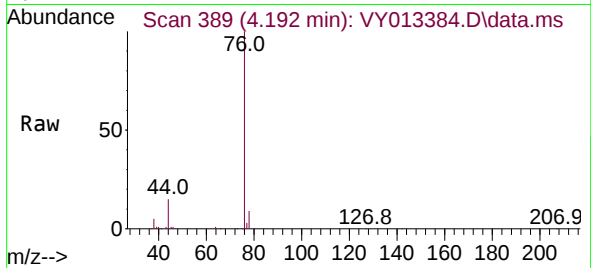




#17
Carbon Disulfide
Concen: 10.290 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

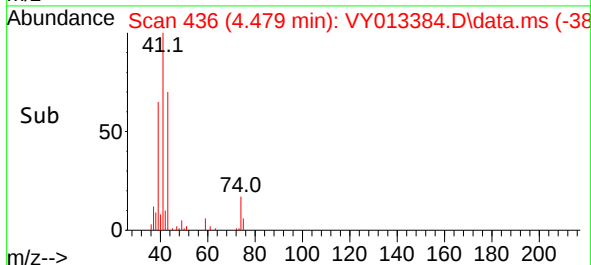
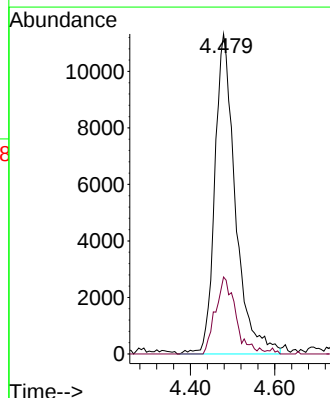
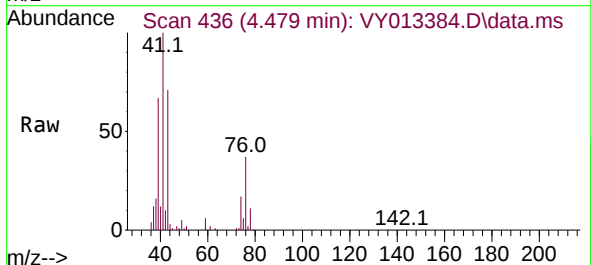
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

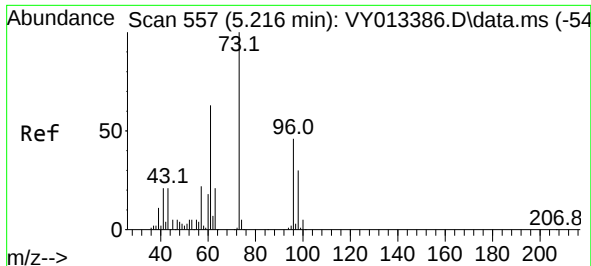
Tgt Ion: 76 Resp: 91450
Ion Ratio Lower Upper
76 100
78 9.4 7.2 10.8



#18
Methyl Acetate
Concen: 10.624 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 43 Resp: 38324
Ion Ratio Lower Upper
43 100
74 23.3 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 9.888 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

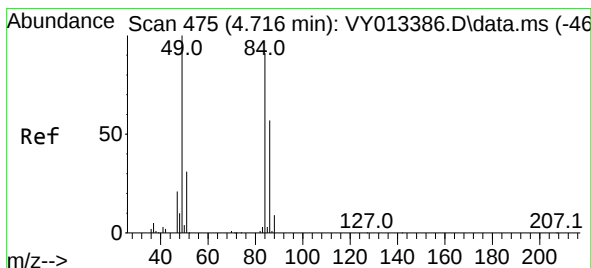
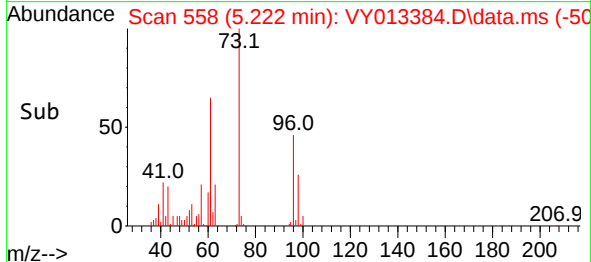
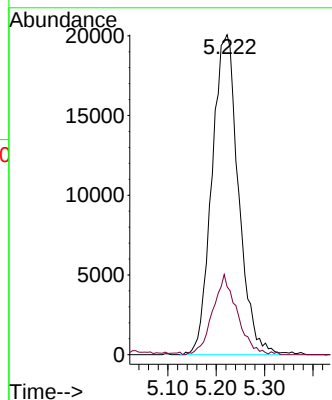
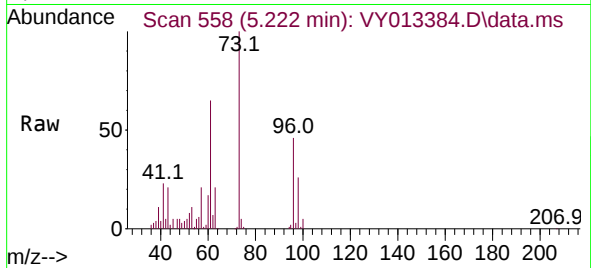
VSTDIC010

Tgt Ion: 73 Resp: 76412

Ion Ratio Lower Upper

73 100

57 21.3 17.8 26.8



#20

Methylene Chloride

Concen: 9.105 ug/l

RT: 4.710 min Scan# 474

Delta R.T. -0.006 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Tgt Ion: 84 Resp: 59763

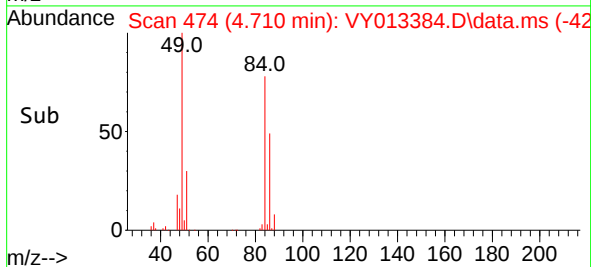
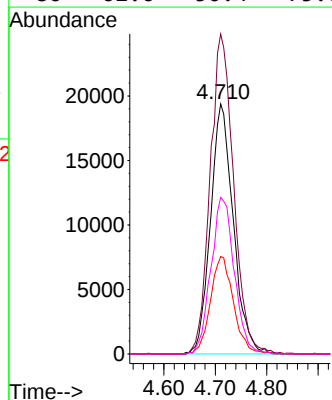
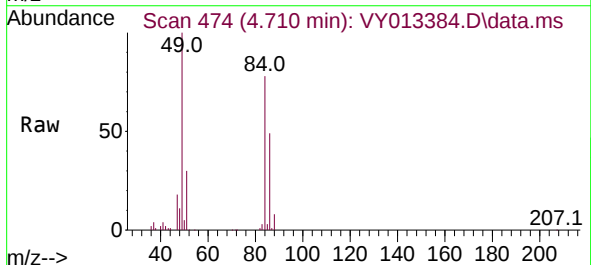
Ion Ratio Lower Upper

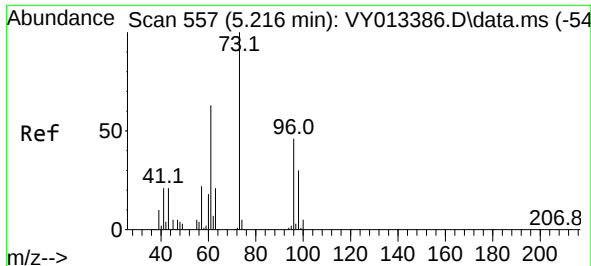
84 100

49 128.0 88.0 132.0

51 39.0 27.4 41.0

86 62.6 50.4 75.6

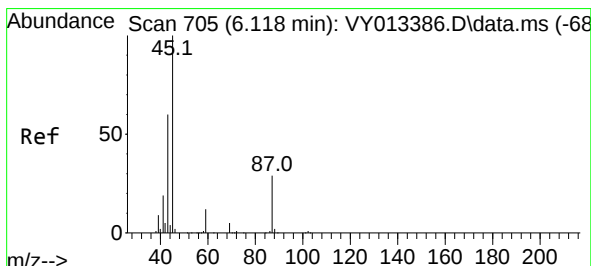
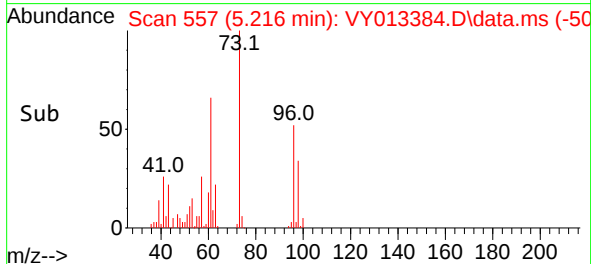
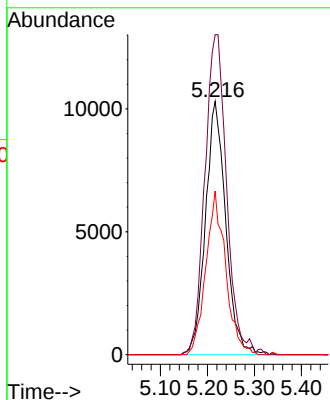
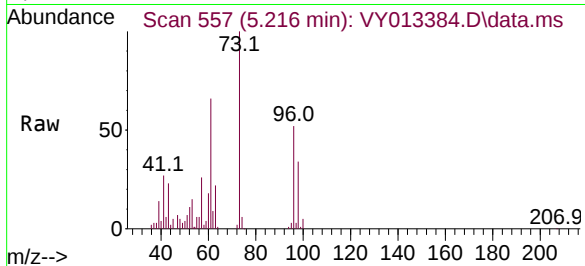




#21
trans-1,2-Dichloroethene
Concen: 10.111 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

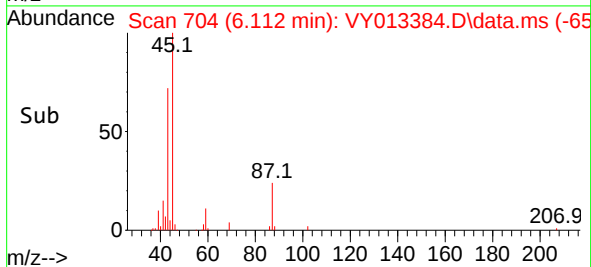
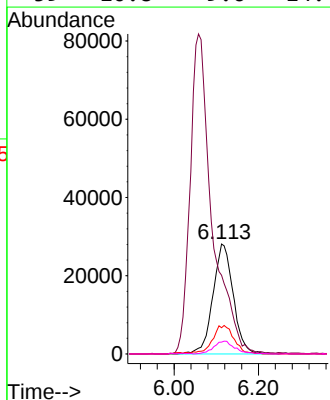
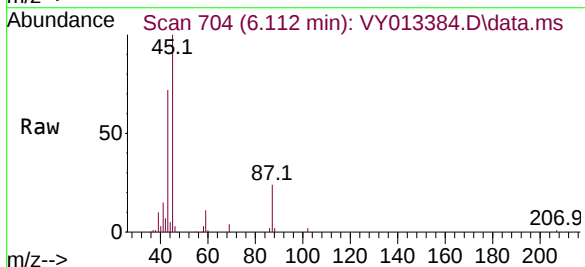
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

Tgt Ion: 96 Resp: 30927
Ion Ratio Lower Upper
96 100
61 126.4 110.6 165.8
98 64.7 53.1 79.7



#22
Diisopropyl ether
Concen: 10.763 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 45 Resp: 93829
Ion Ratio Lower Upper
45 100
43 70.3 48.4 72.6
87 23.8 23.8 35.6
59 10.8 9.6 14.4

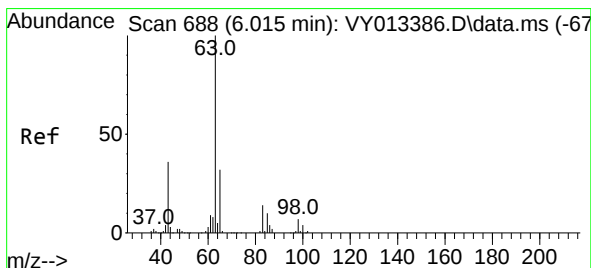
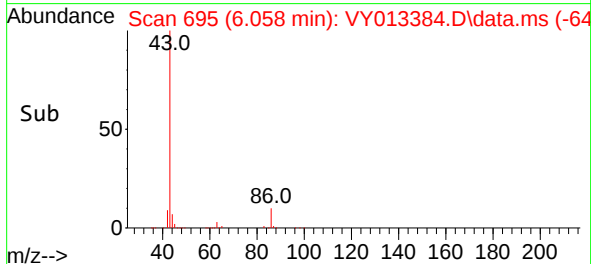
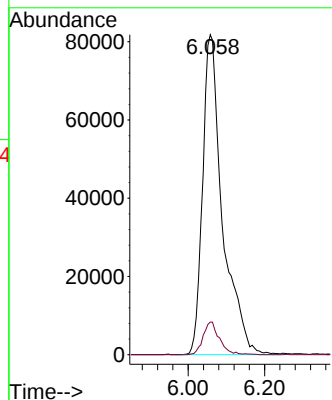
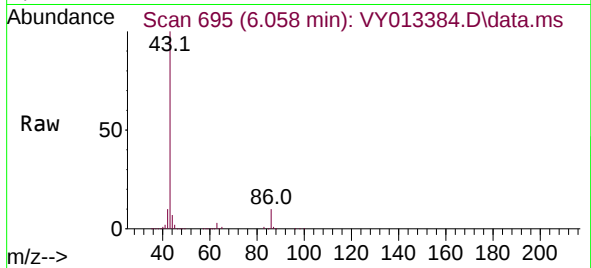




#23
 Vinyl Acetate
 Concen: 53.175 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY013384.D
 Acq: 21 Apr 2023 14:34

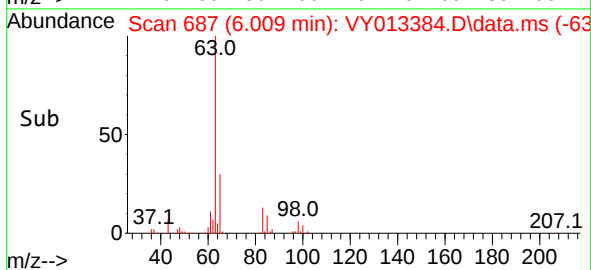
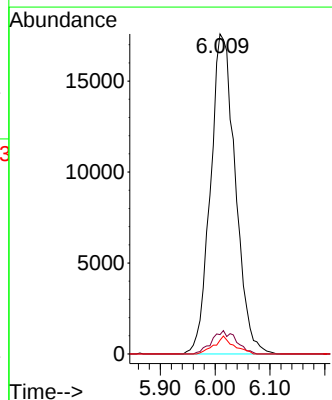
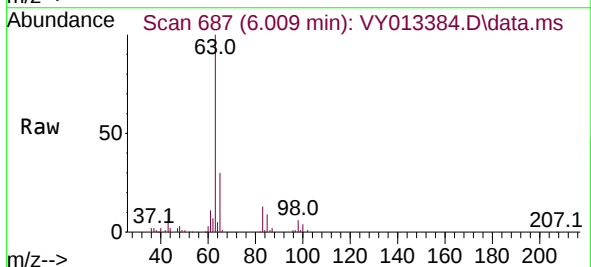
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

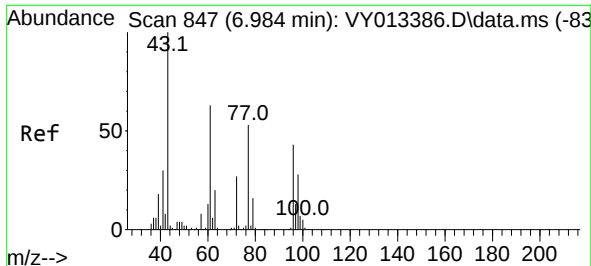
Tgt Ion: 43 Resp: 296060
 Ion Ratio Lower Upper
 43 100
 86 10.2 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 10.471 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013384.D
 Acq: 21 Apr 2023 14:34

Tgt Ion: 63 Resp: 55379
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.5 10.6
 100 4.3 2.2 6.6

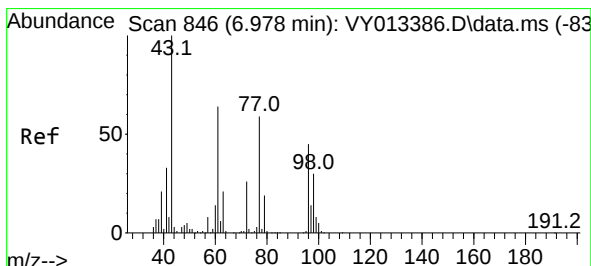
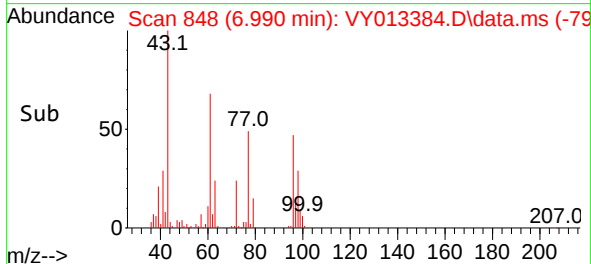
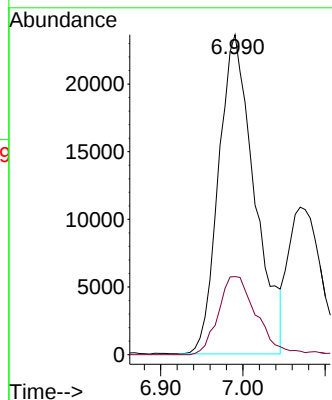
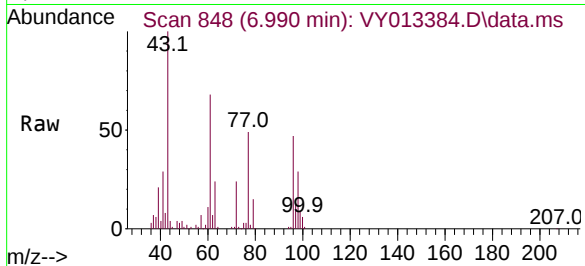




#25
2-Butanone
Concen: 52.626 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

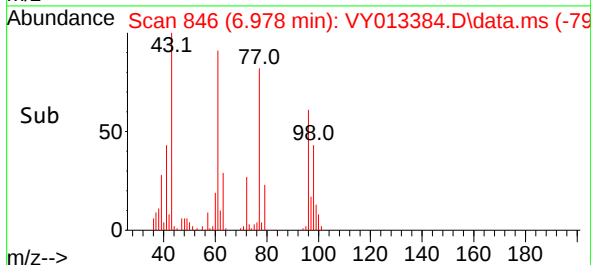
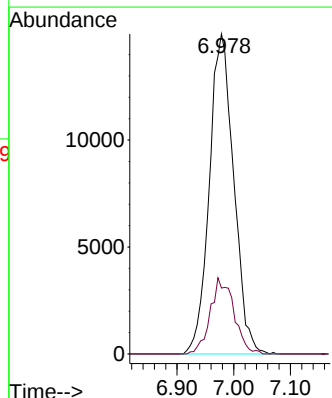
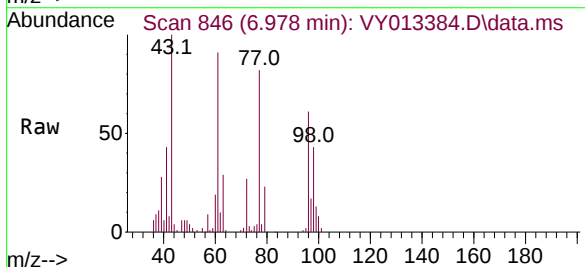
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

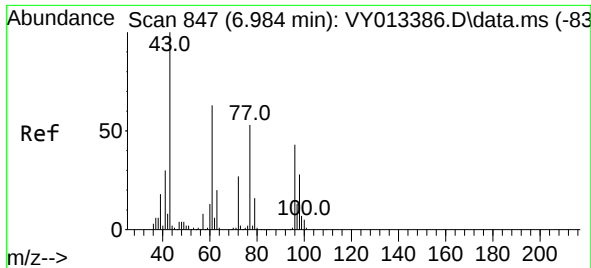
Tgt Ion: 43 Resp: 71682
Ion Ratio Lower Upper
43 100
72 24.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 9.870 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 77 Resp: 44709
Ion Ratio Lower Upper
77 100
97 22.9 11.8 35.4

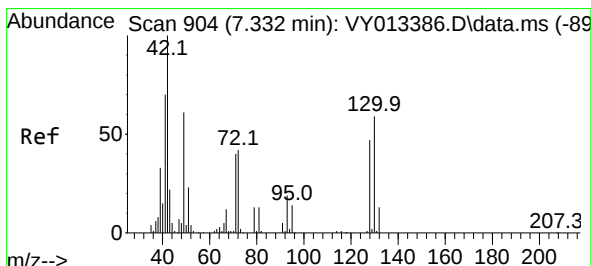
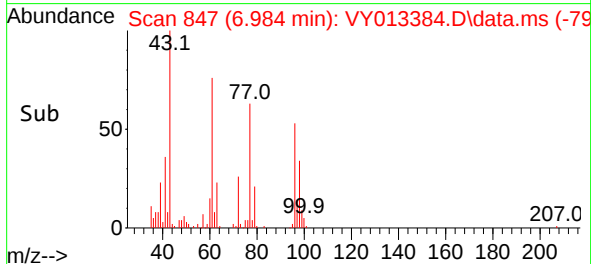
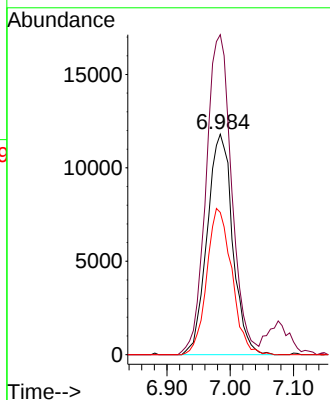
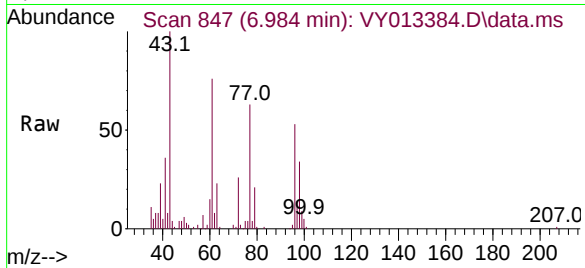




#27
 cis-1,2-Dichloroethene
 Concen: 10.226 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.000 min
 Lab File: VY013384.D
 Acq: 21 Apr 2023 14:34

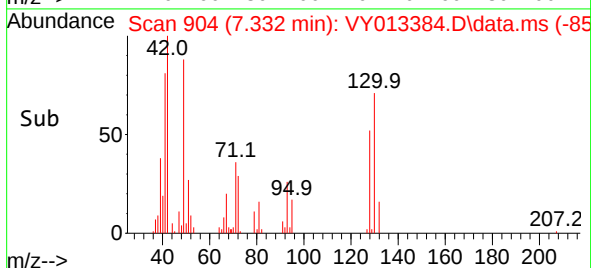
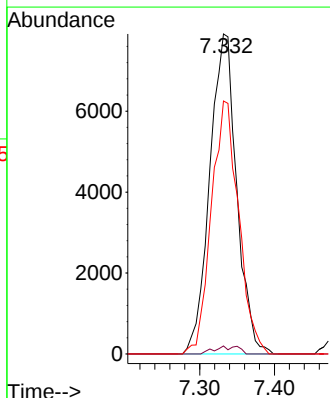
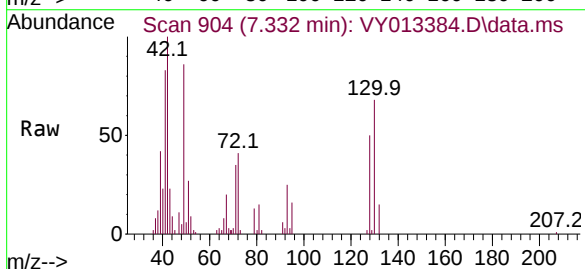
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

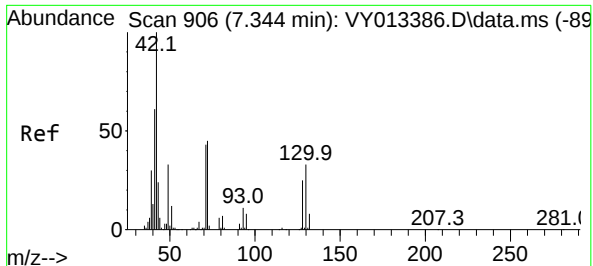
Tgt Ion: 96 Resp: 33080
 Ion Ratio Lower Upper
 96 100
 61 146.0 0.0 285.0
 98 65.0 0.0 130.6



#28
 Bromochloromethane
 Concen: 11.260 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.000 min
 Lab File: VY013384.D
 Acq: 21 Apr 2023 14:34

Tgt Ion: 49 Resp: 19853
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 5.2
 130 79.9 72.1 108.1





#29

Tetrahydrofuran

Concen: 55.940 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

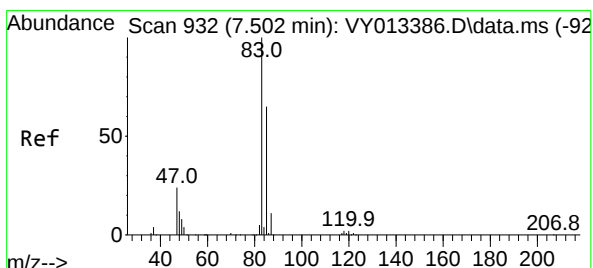
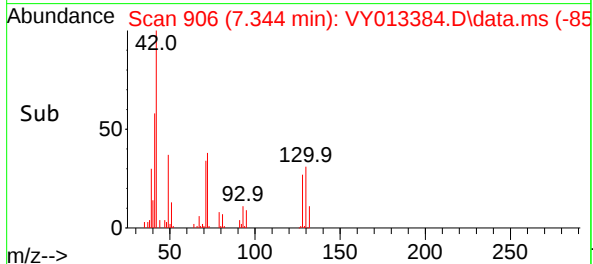
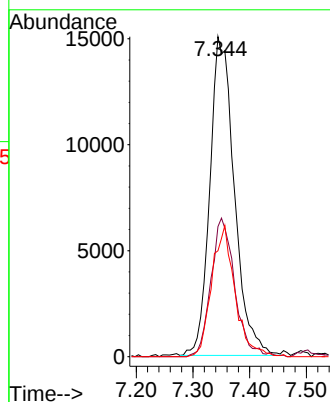
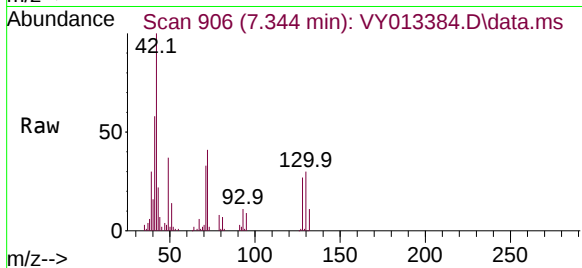
Tgt Ion: 42 Resp: 45119

Ion Ratio Lower Upper

42 100

72 42.2 35.9 53.9

71 39.0 34.3 51.5



#30

Chloroform

Concen: 10.426 ug/l

RT: 7.503 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY013384.D

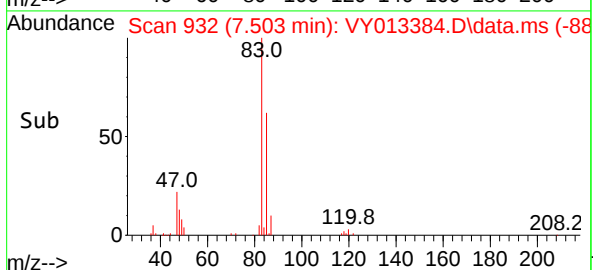
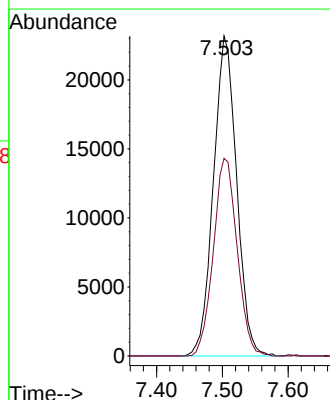
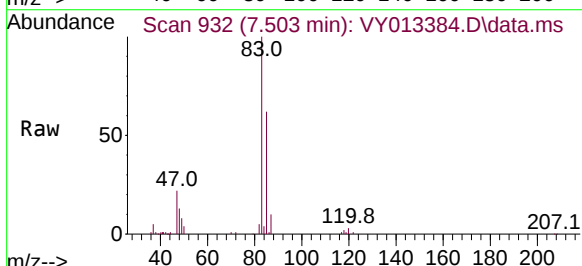
Acq: 21 Apr 2023 14:34

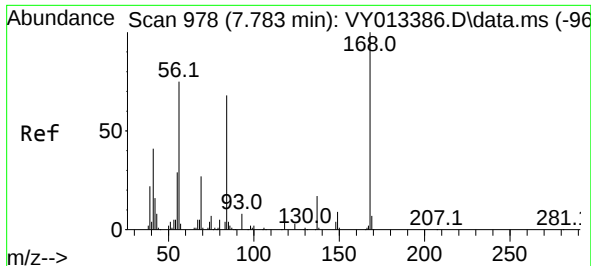
Tgt Ion: 83 Resp: 57005

Ion Ratio Lower Upper

83 100

85 61.8 52.0 78.0

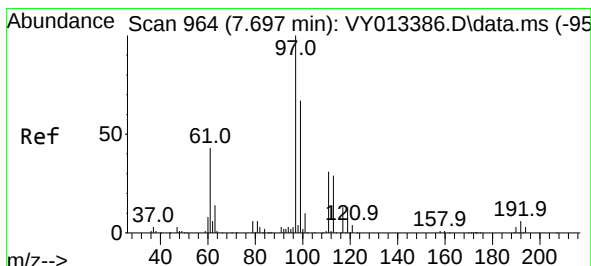
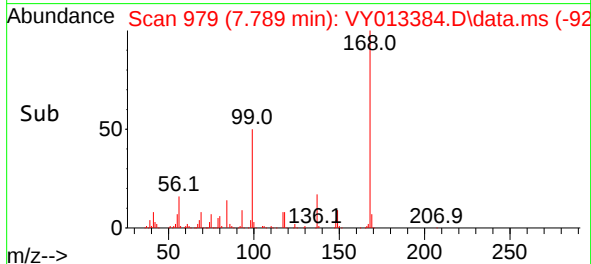
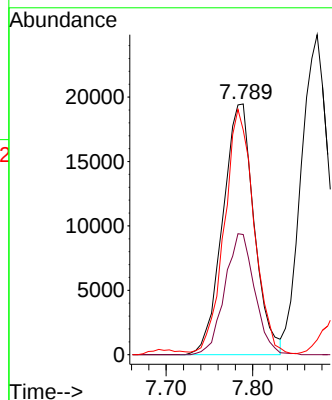
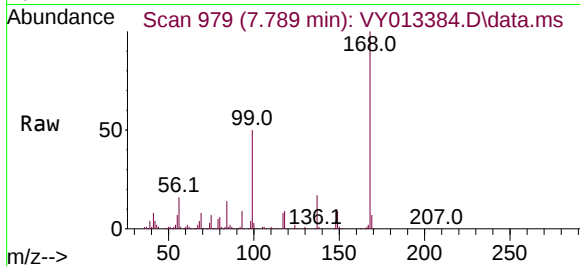




#31
Cyclohexane
Concen: 10.731 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

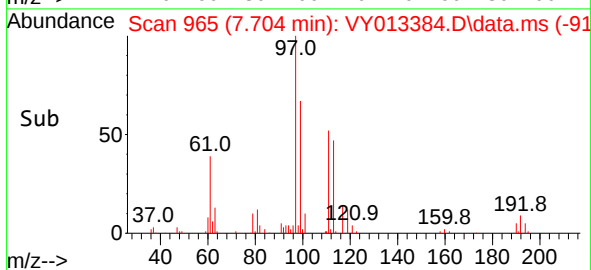
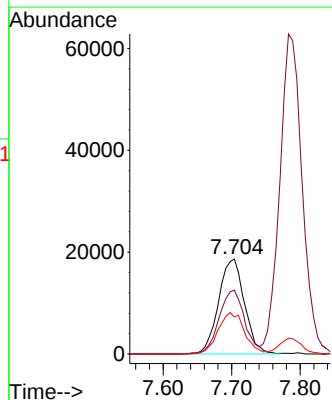
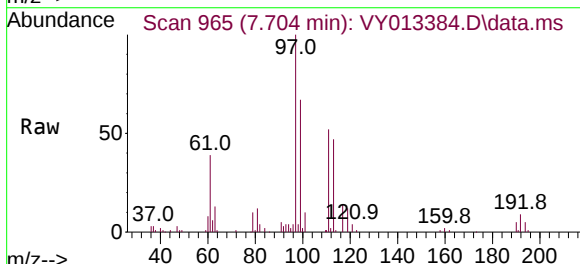
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

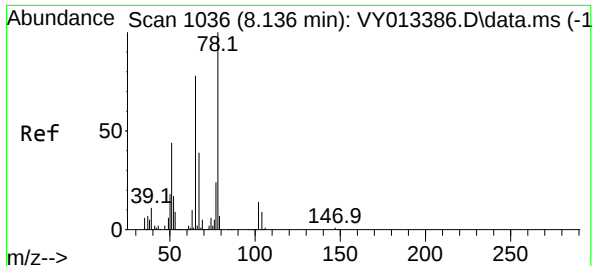
Tgt Ion: 56 Resp: 49113
Ion Ratio Lower Upper
56 100
69 48.0 29.2 43.8#
84 88.2 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 10.066 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 97 Resp: 48763
Ion Ratio Lower Upper
97 100
99 65.9 52.2 78.2
61 44.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 10.792 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.006 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

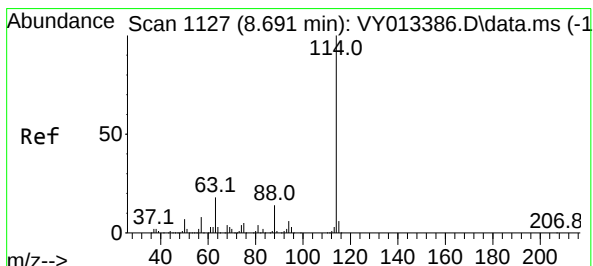
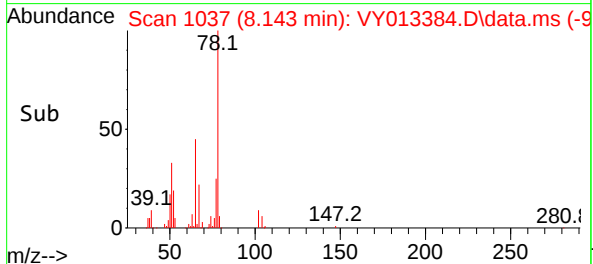
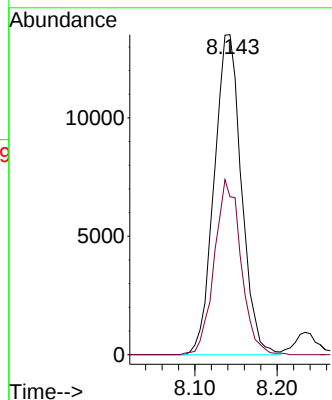
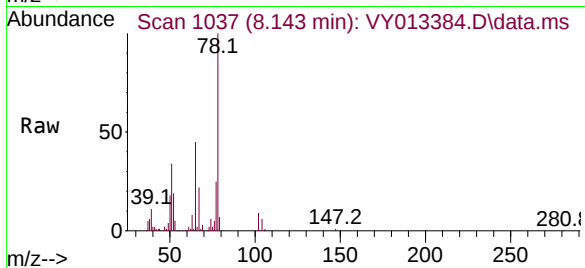
VSTDIC010

Tgt Ion: 65 Resp: 31147

Ion Ratio Lower Upper

65 100

67 53.2 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: VY013384.D

Acq: 21 Apr 2023 14:34

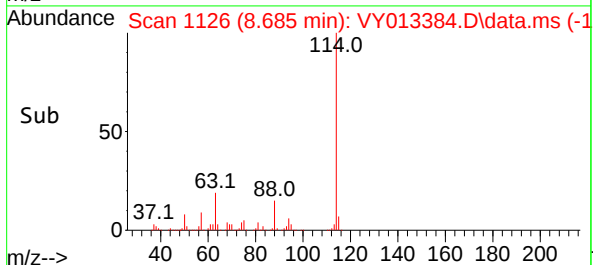
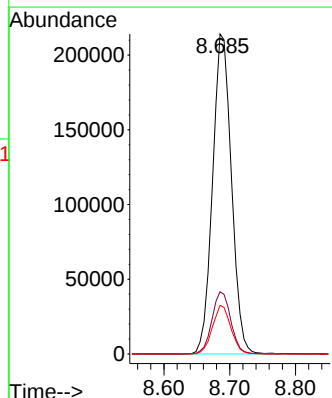
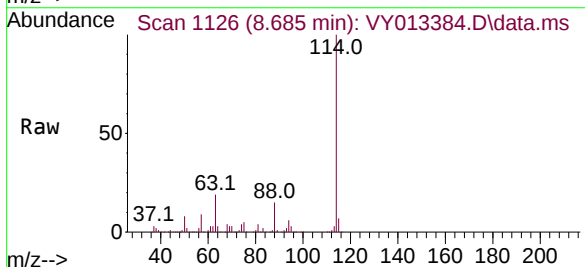
Tgt Ion: 114 Resp: 427298

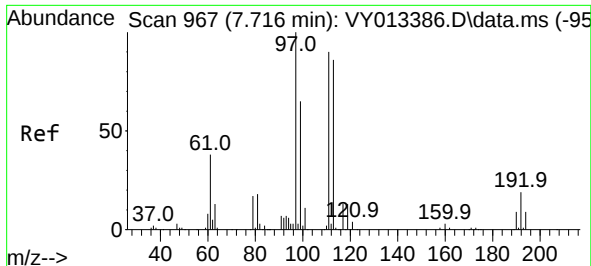
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.6

88 15.2 0.0 28.8

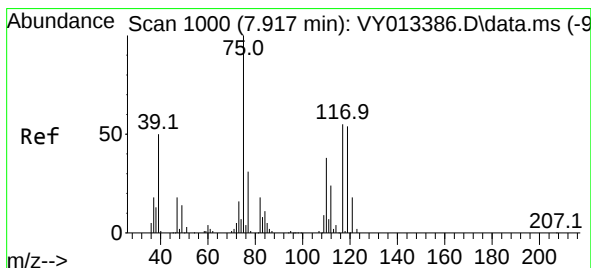
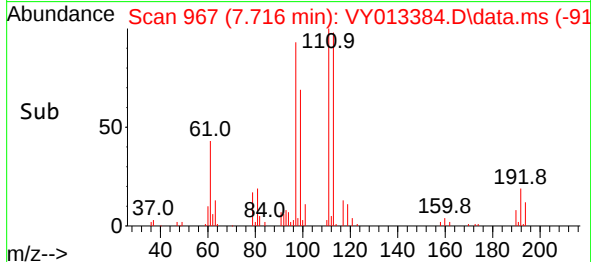
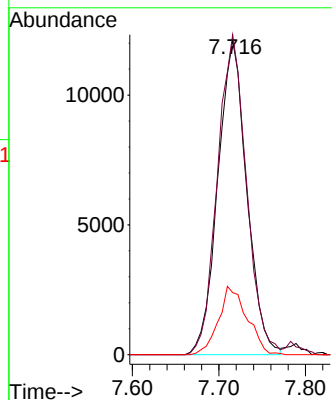
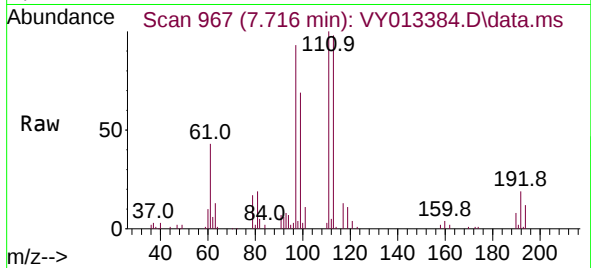




#35
Dibromofluoromethane
Concen: 10.496 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

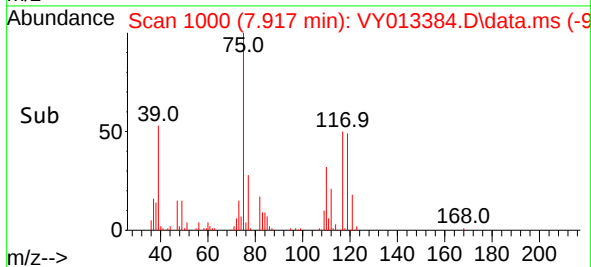
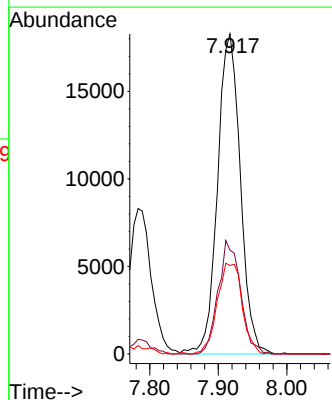
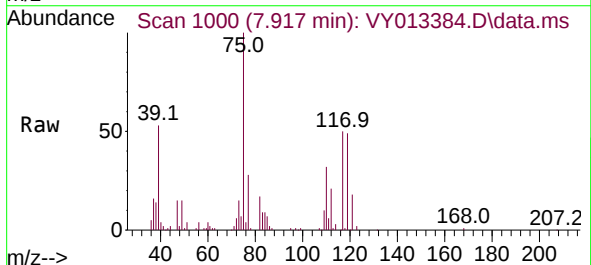
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

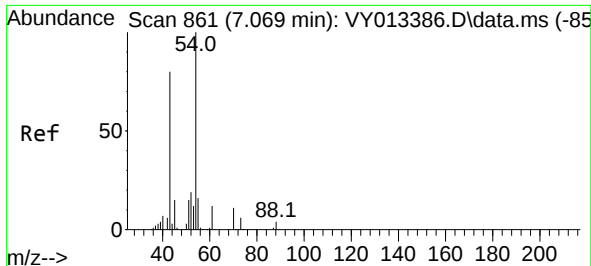
Tgt Ion:113 Resp: 28070
Ion Ratio Lower Upper
113 100
111 102.3 82.2 123.2
192 21.5 16.7 25.1



#36
1,1-Dichloropropene
Concen: 10.399 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 75 Resp: 42242
Ion Ratio Lower Upper
75 100
110 34.6 18.7 56.1
77 30.8 24.6 37.0





#37

Ethyl Acetate

Concen: 10.261 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

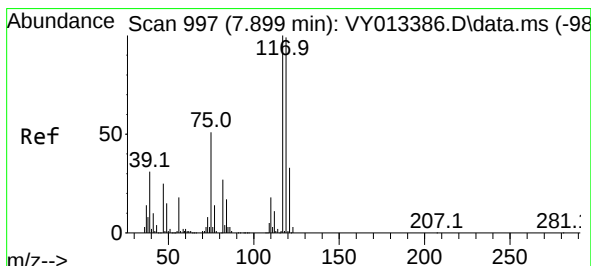
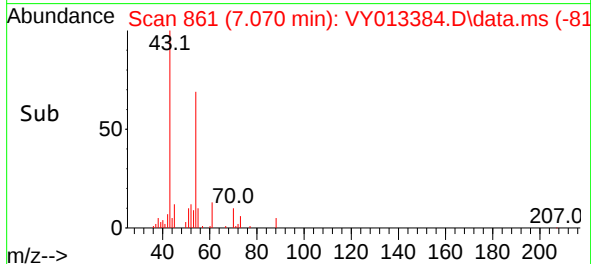
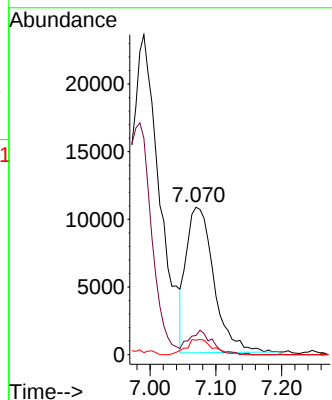
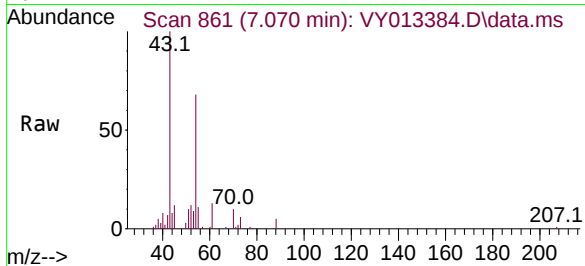
Tgt Ion: 43 Resp: 31217

Ion Ratio Lower Upper

43 100

61 14.2 11.4 17.0

70 10.1 7.9 11.9



#38

Carbon Tetrachloride

Concen: 9.688 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

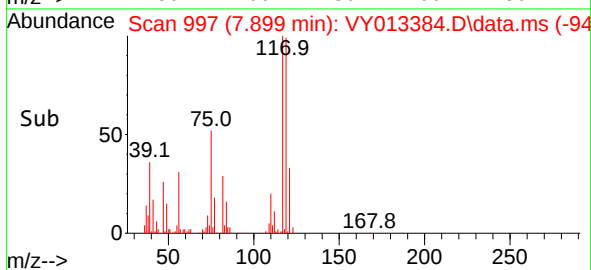
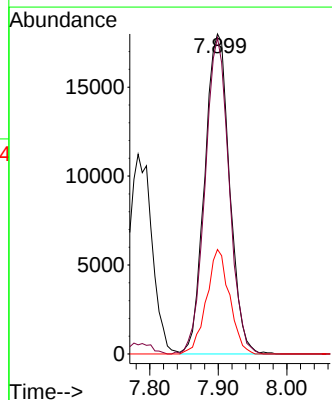
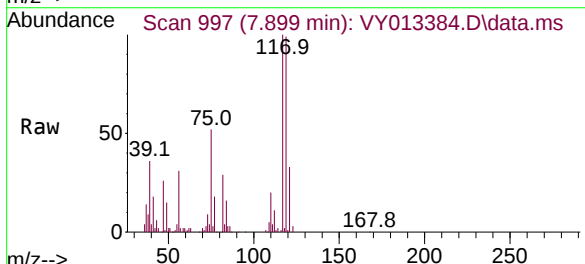
Tgt Ion: 117 Resp: 45554

Ion Ratio Lower Upper

117 100

119 98.8 79.0 118.6

121 32.6 26.6 40.0





#39

Methylcyclohexane

Concen: 9.933 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

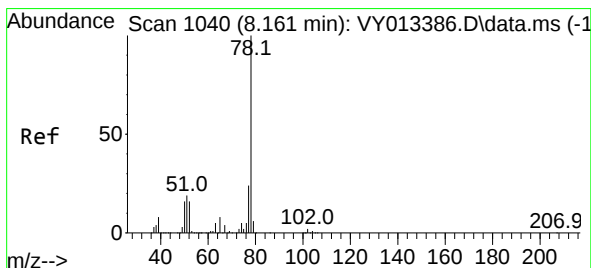
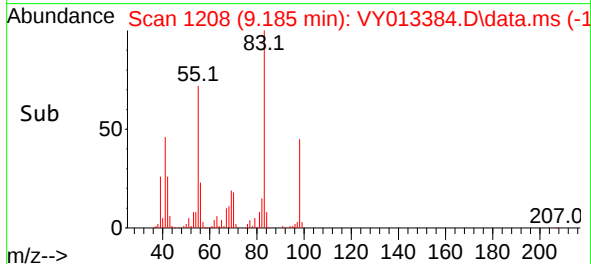
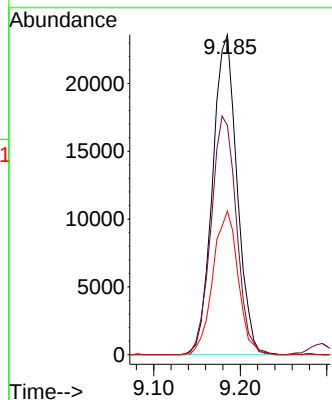
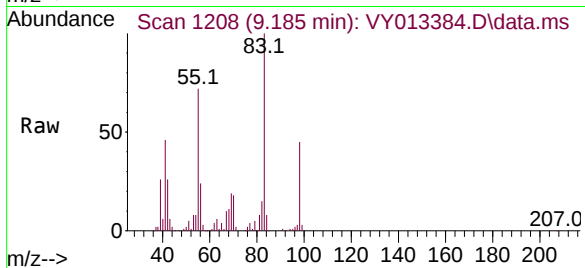
Tgt Ion: 83 Resp: 46338

Ion Ratio Lower Upper

83 100

55 71.7 59.0 88.4

98 44.9 37.0 55.4



#40

Benzene

Concen: 10.343 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013384.D

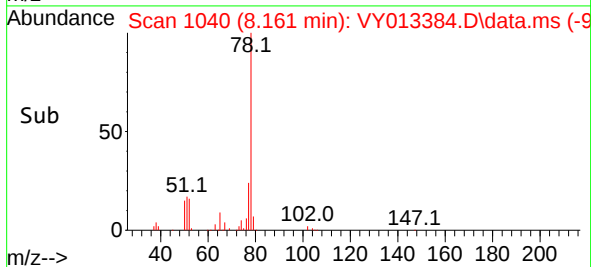
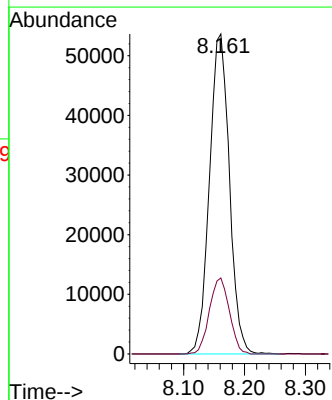
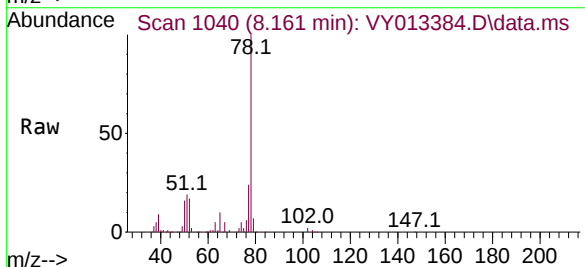
Acq: 21 Apr 2023 14:34

Tgt Ion: 78 Resp: 121782

Ion Ratio Lower Upper

78 100

77 23.7 19.2 28.8

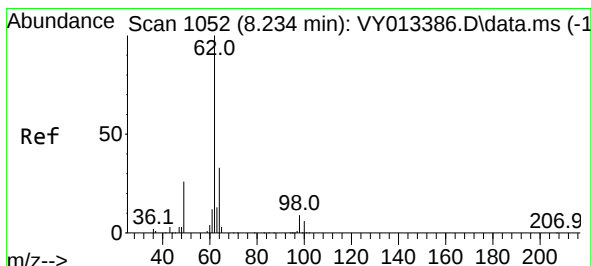
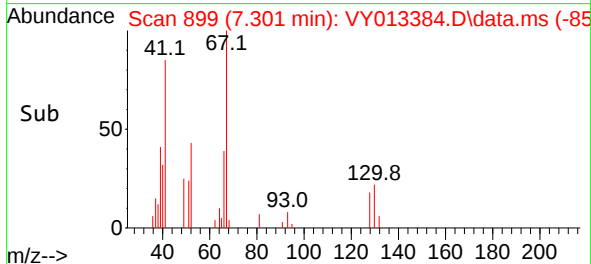
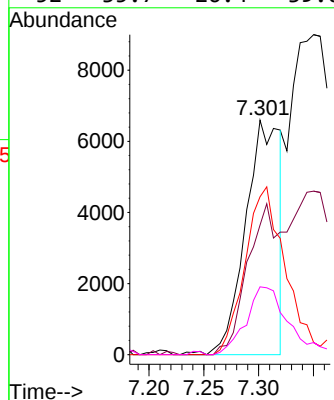
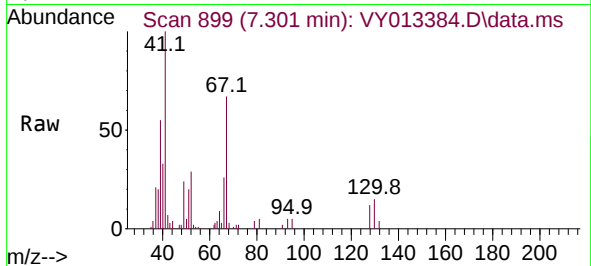




#41
Methacrylonitrile
Concen: 9.831 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

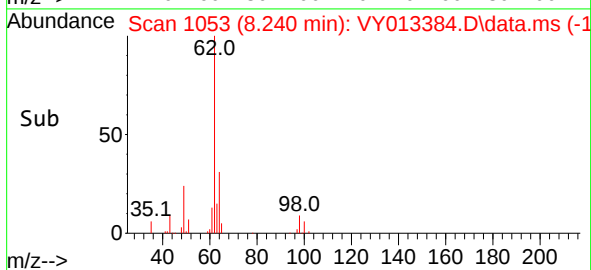
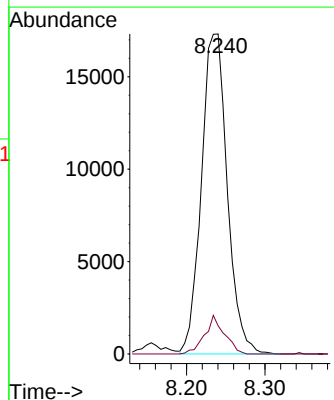
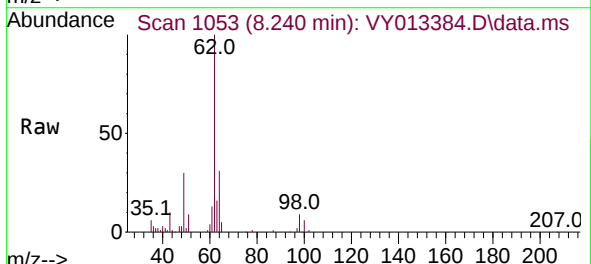
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

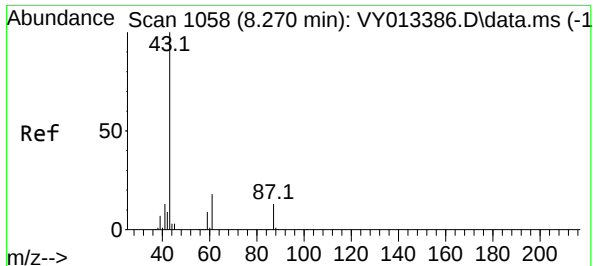
Tgt Ion:	41	Resp:	14490
Ion	Ratio	Lower	Upper
41	100		
39	66.6	44.2	66.4
67	82.2	62.9	94.3
52	35.7	26.4	39.6



#42
1,2-Dichloroethane
Concen: 10.265 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion:	62	Resp:	39779
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.8

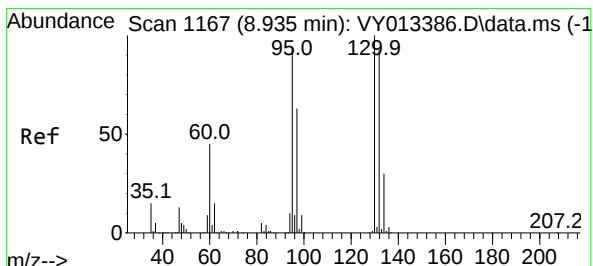
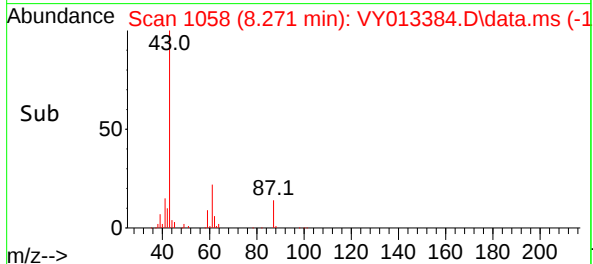
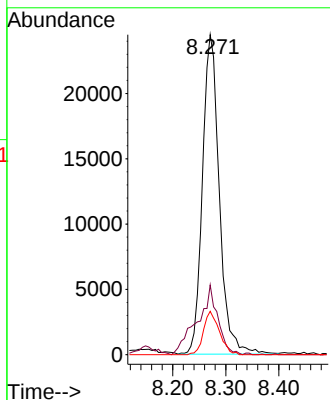
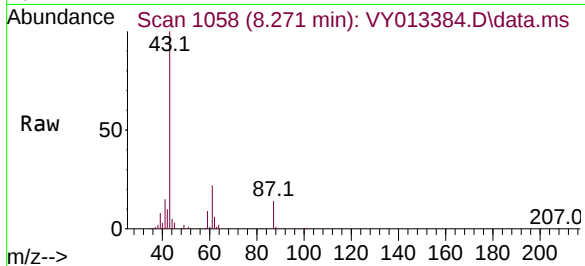




#43
Isopropyl Acetate
Concen: 11.161 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

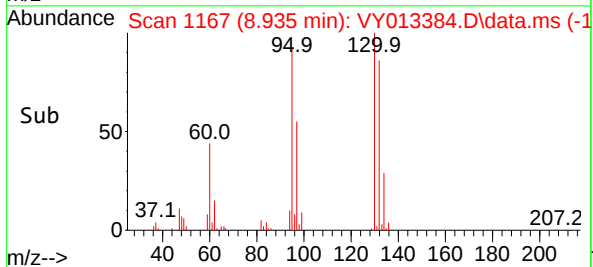
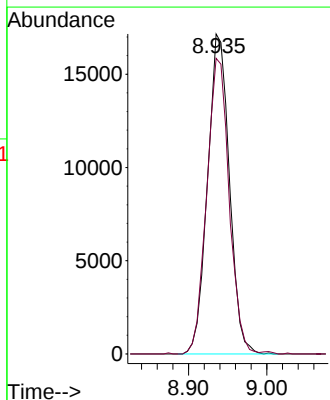
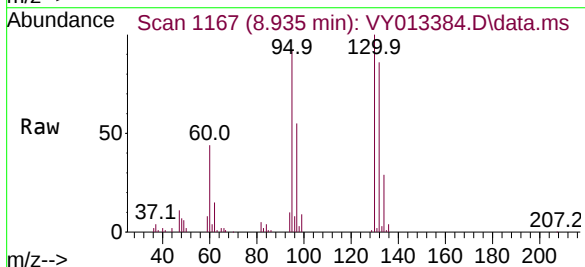
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

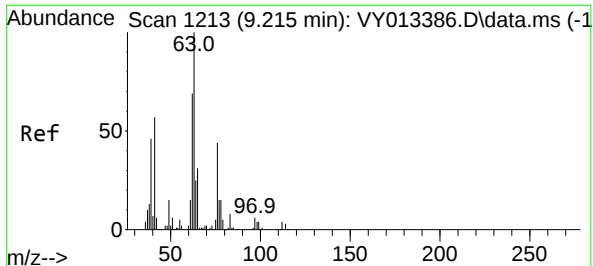
Tgt Ion: 43 Resp: 54066
Ion Ratio Lower Upper
43 100
61 26.5 22.2 33.4
87 12.7 11.0 16.6



#44
Trichloroethene
Concen: 10.075 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 130 Resp: 33224
Ion Ratio Lower Upper
130 100
95 92.4 0.0 188.8





#45

1,2-Dichloropropane

Concen: 10.991 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

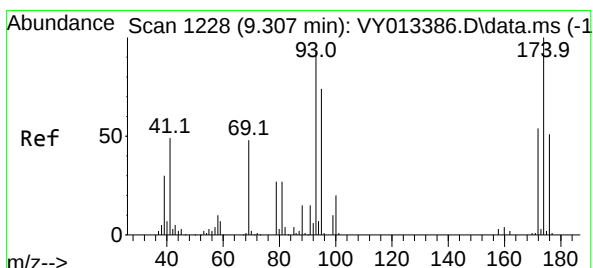
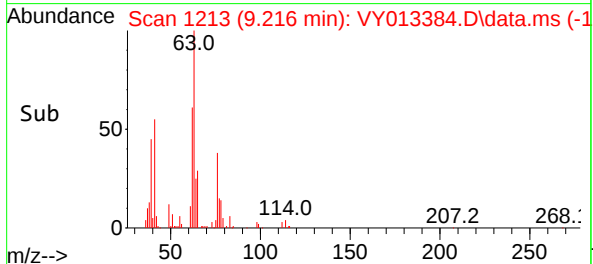
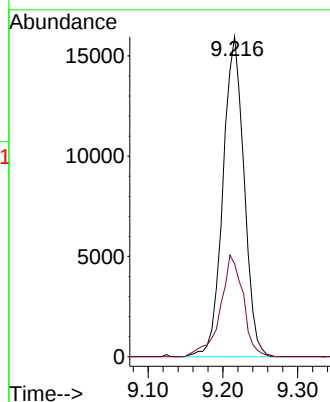
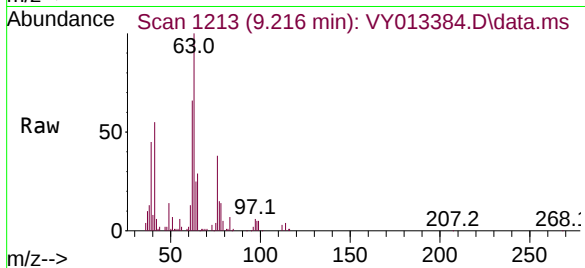
VSTDIC010

Tgt Ion: 63 Resp: 31375

Ion Ratio Lower Upper

63 100

65 29.0 24.6 37.0



#46

Dibromomethane

Concen: 10.502 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

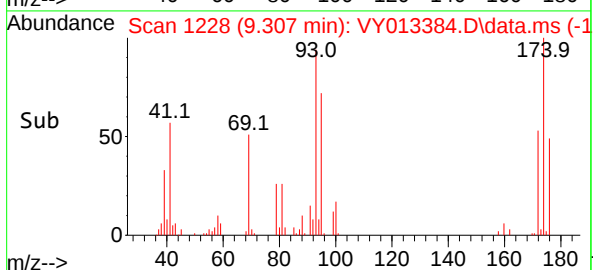
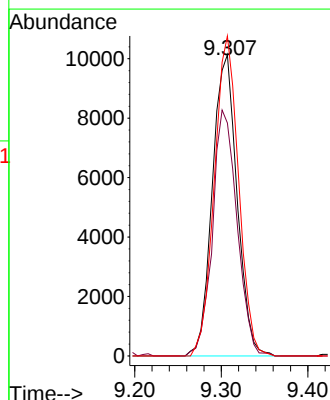
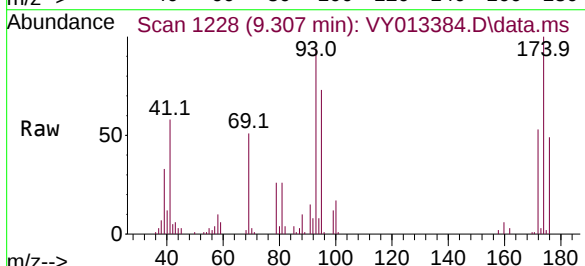
Tgt Ion: 93 Resp: 20067

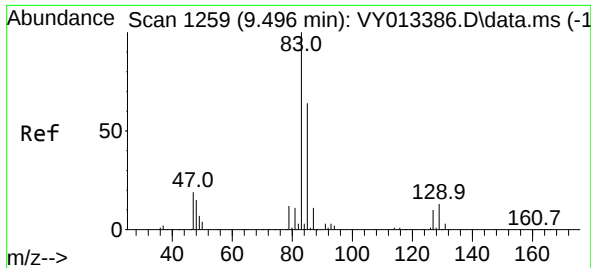
Ion Ratio Lower Upper

93 100

95 81.1 67.1 100.7

174 104.4 87.0 130.4

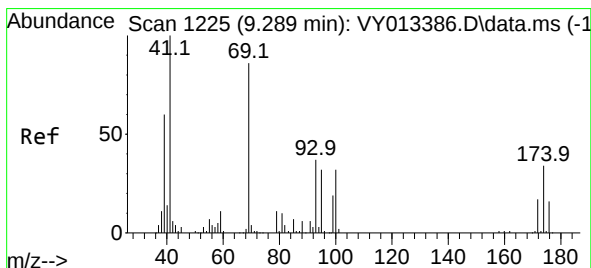
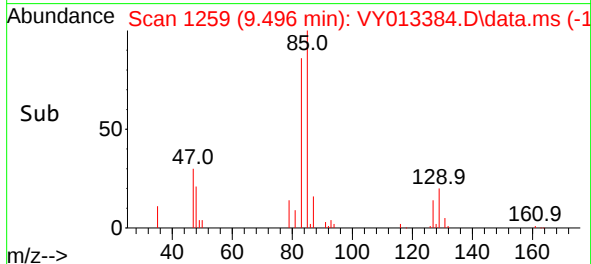
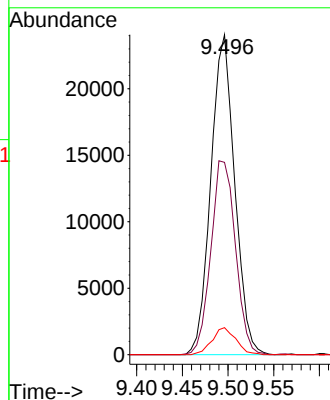
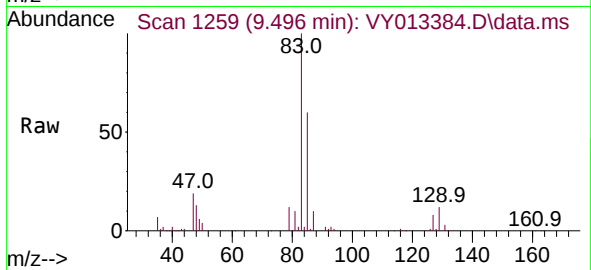




#47
Bromodichloromethane
Concen: 10.195 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

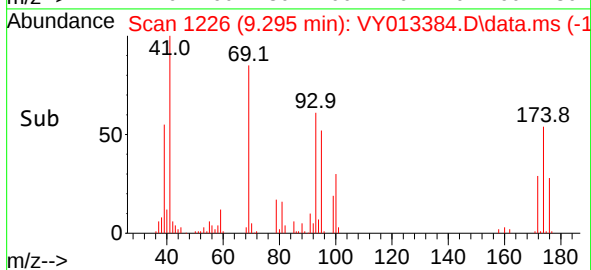
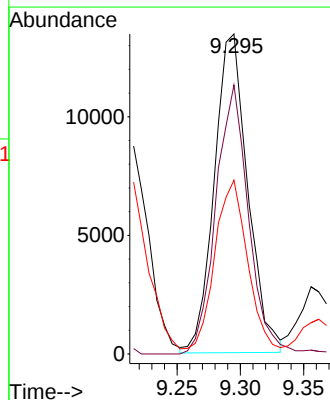
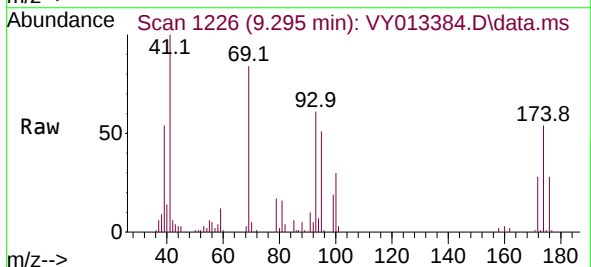
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

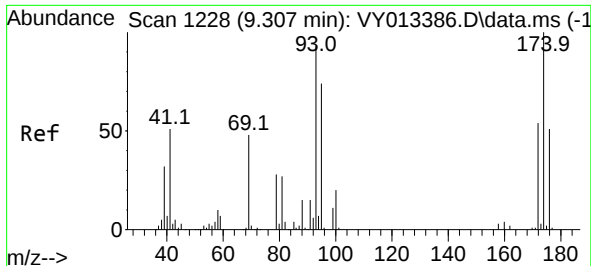
Tgt Ion: 83 Resp: 43629
Ion Ratio Lower Upper
83 100
85 60.1 51.4 77.2
127 8.5 8.1 12.1



#48
Methyl methacrylate
Concen: 10.892 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 41 Resp: 24757
Ion Ratio Lower Upper
41 100
69 82.9 70.2 105.4
39 53.7 47.9 71.9





#49

1,4-Dioxane

Concen: 153.299 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

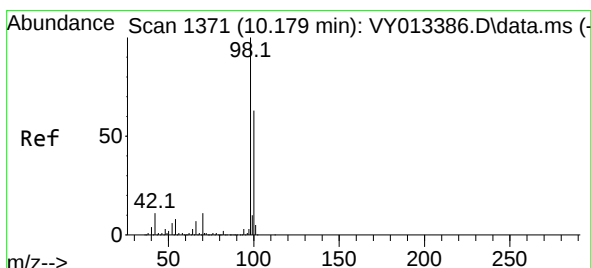
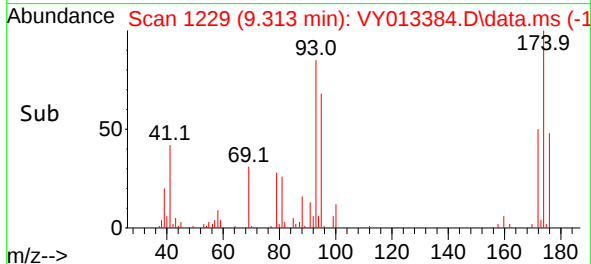
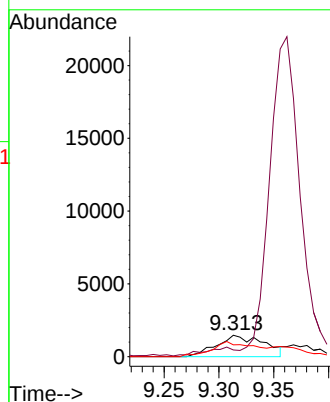
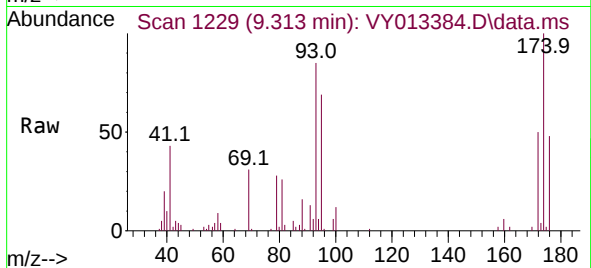
Tgt Ion: 88 Resp: 4428

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 62.9 54.3 81.5



#50

Toluene-d8

Concen: 10.245 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013384.D

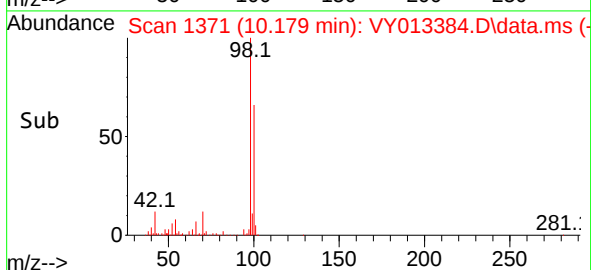
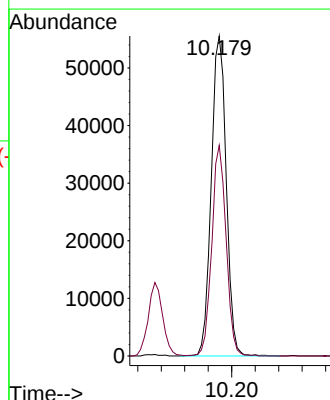
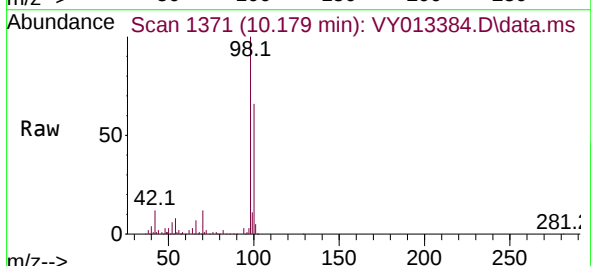
Acq: 21 Apr 2023 14:34

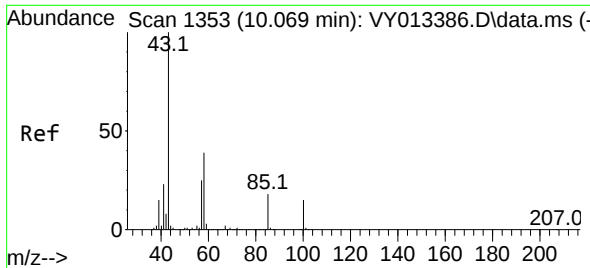
Tgt Ion: 98 Resp: 97998

Ion Ratio Lower Upper

98 100

100 63.3 50.5 75.7

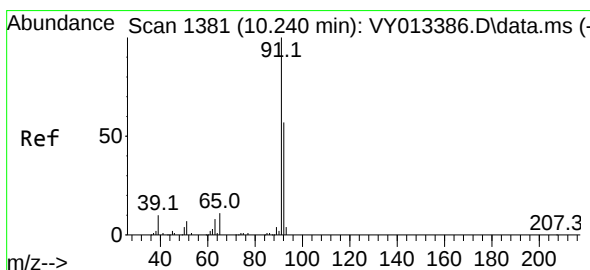
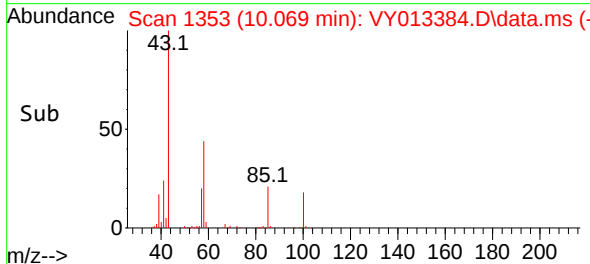
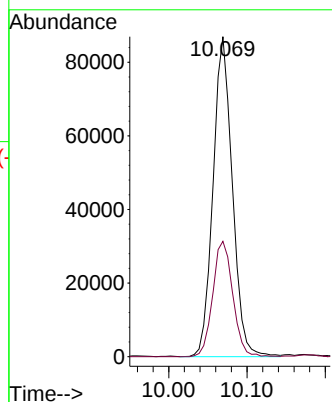
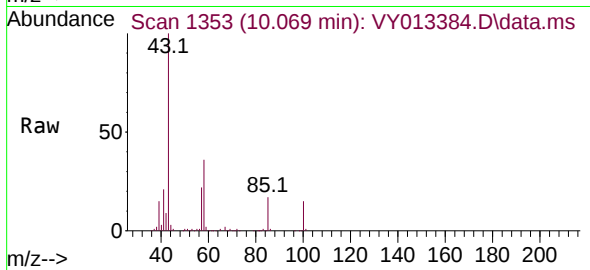




#51
4-Methyl-2-Pentanone
Concen: 54.202 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

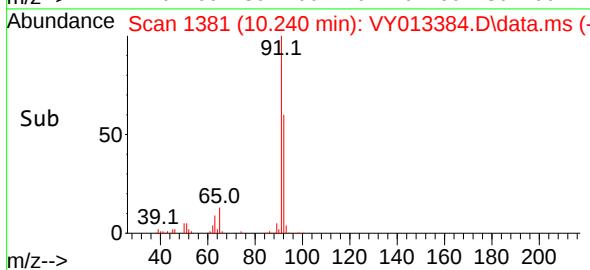
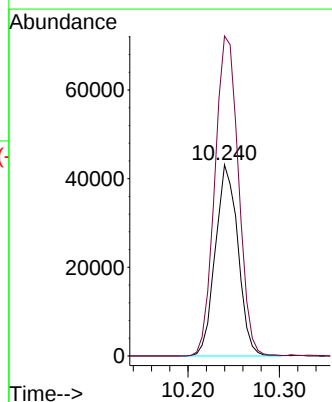
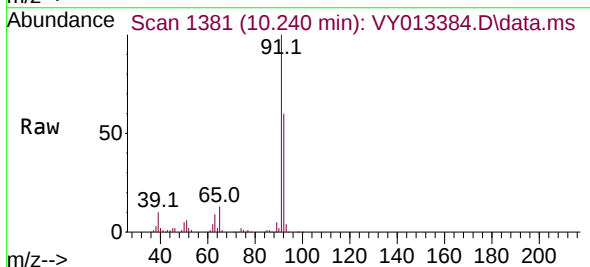
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

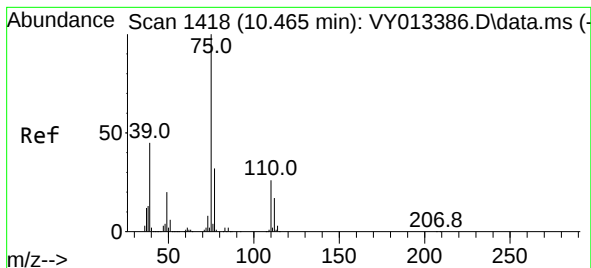
Tgt Ion: 43 Resp: 149000
Ion Ratio Lower Upper
43 100
58 37.4 30.6 46.0



#52
Toluene
Concen: 10.034 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 92 Resp: 74059
Ion Ratio Lower Upper
92 100
91 175.6 140.2 210.4

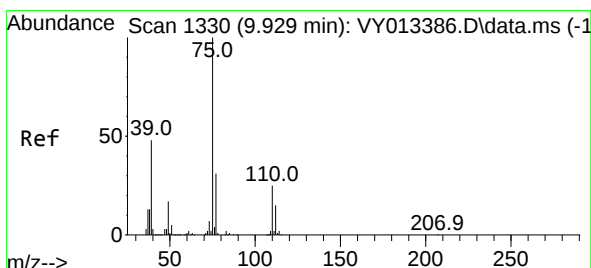
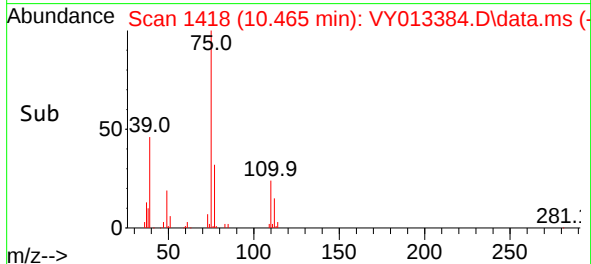
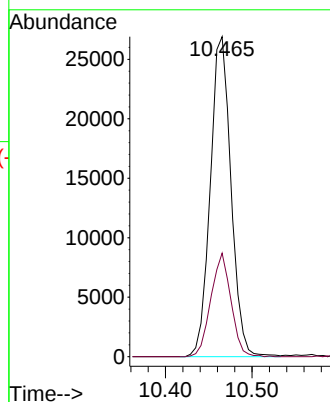
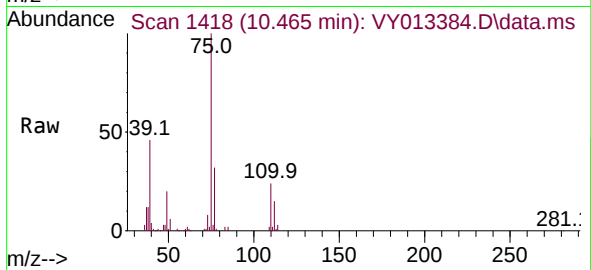




#53
t-1,3-Dichloropropene
Concen: 9.933 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

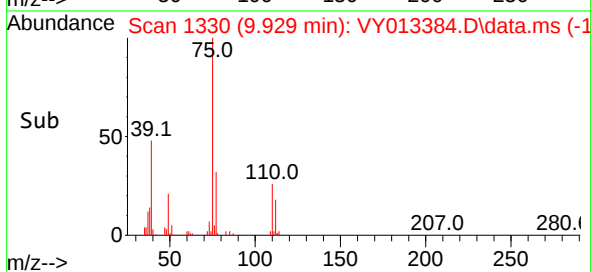
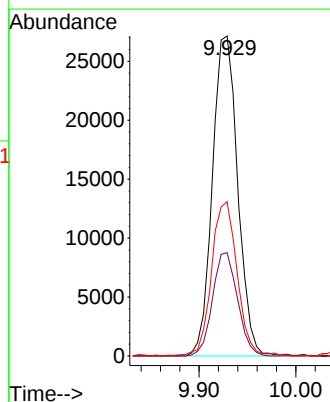
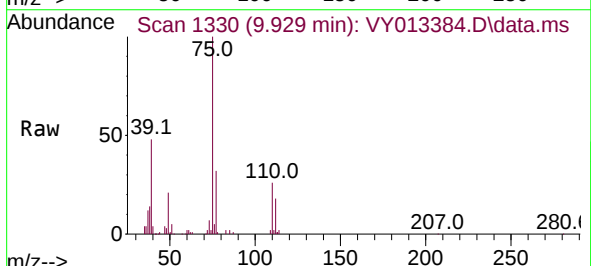
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

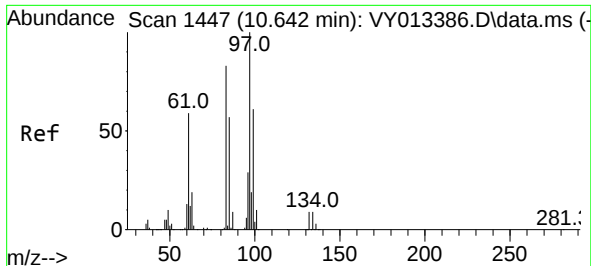
Tgt Ion: 75 Resp: 44766
Ion Ratio Lower Upper
75 100
77 32.4 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 10.081 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 75 Resp: 49248
Ion Ratio Lower Upper
75 100
77 32.3 24.8 37.2
39 47.9 38.1 57.1

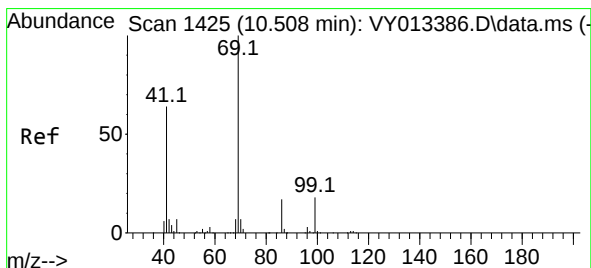
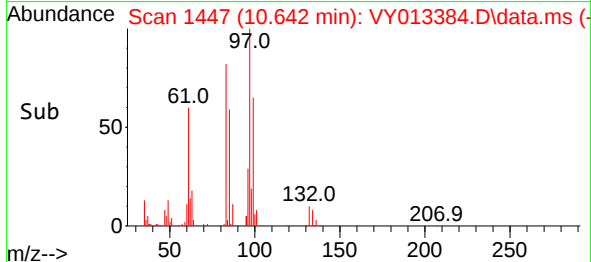
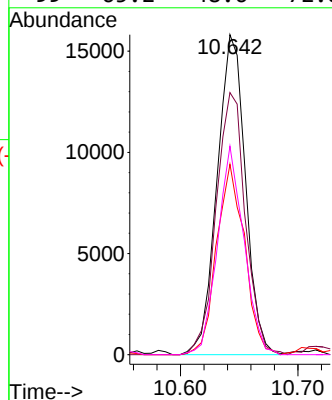
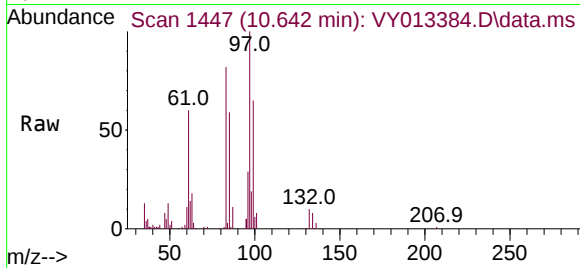




#55
1,1,2-Trichloroethane
Concen: 10.176 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

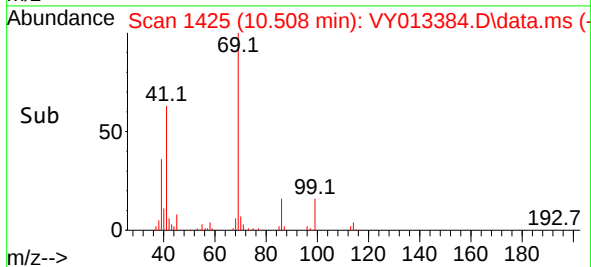
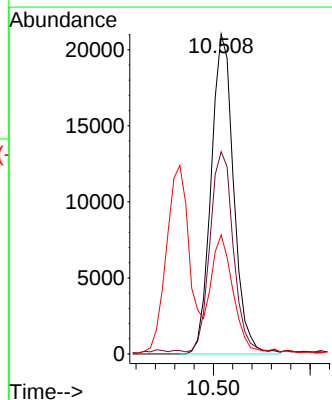
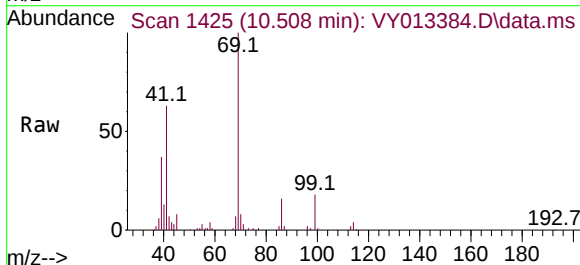
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

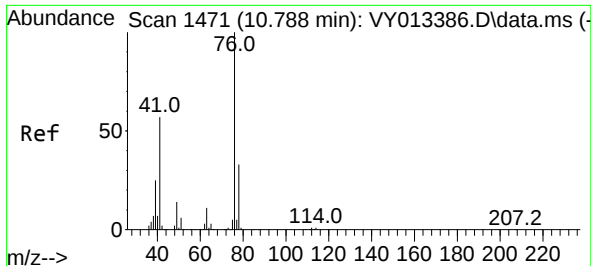
Tgt Ion: 97	Resp: 26455
Ion Ratio	Lower Upper
97 100	
83 81.9	66.4 99.6
85 59.5	45.6 68.4
99 65.2	48.6 72.8



#56
Ethyl methacrylate
Concen: 9.871 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 69	Resp: 34074
Ion Ratio	Lower Upper
69 100	
41 64.4	51.4 77.0
39 34.1	29.0 43.6





#57

1,3-Dichloropropane

Concen: 10.365 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

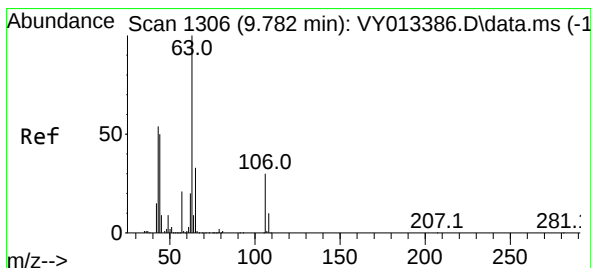
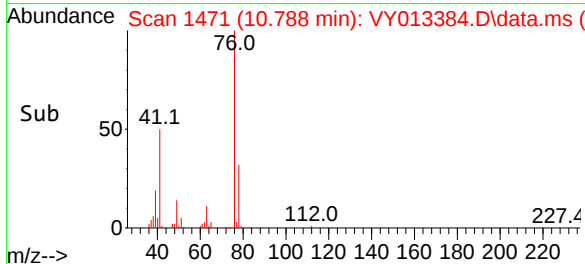
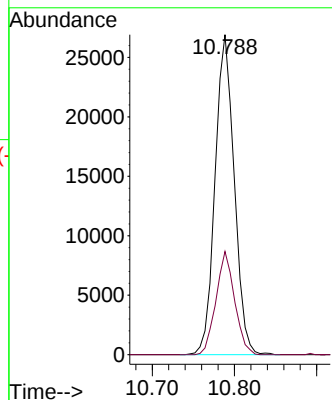
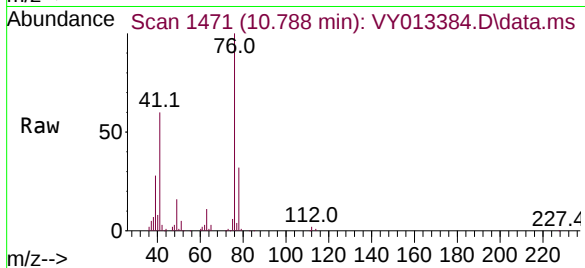
VSTDIC010

Tgt Ion: 76 Resp: 43562

Ion Ratio Lower Upper

76 100

78 31.3 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 53.693 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013384.D

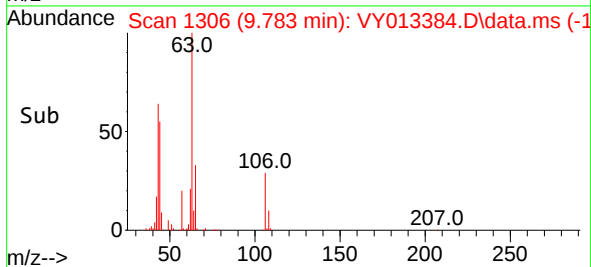
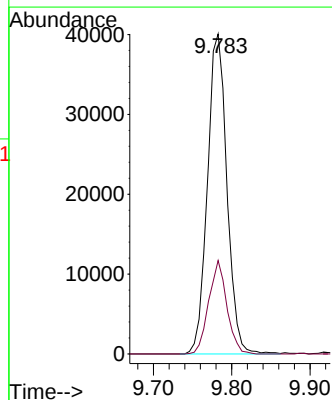
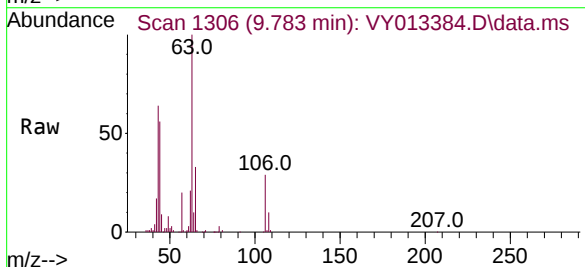
Acq: 21 Apr 2023 14:34

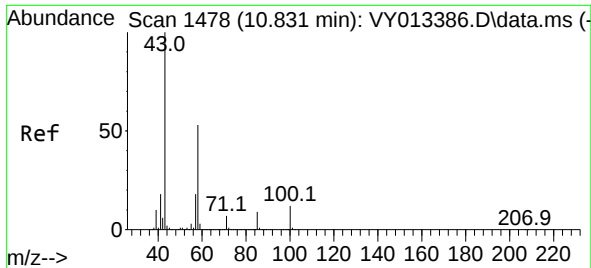
Tgt Ion: 63 Resp: 69195

Ion Ratio Lower Upper

63 100

106 27.2 23.5 35.3

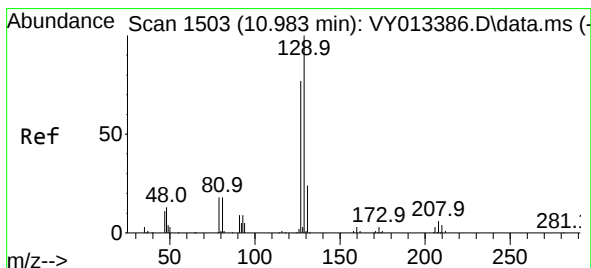
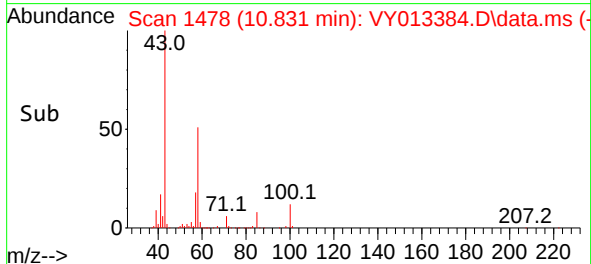
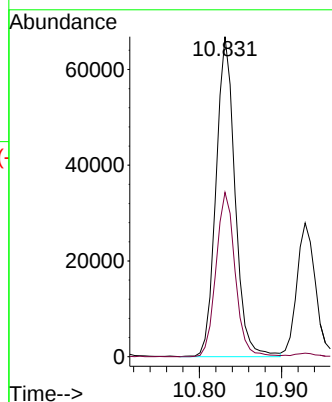
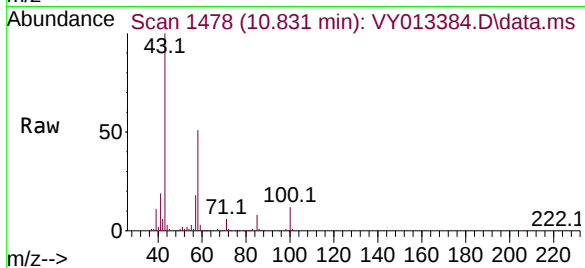




#59
2-Hexanone
Concen: 51.538 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

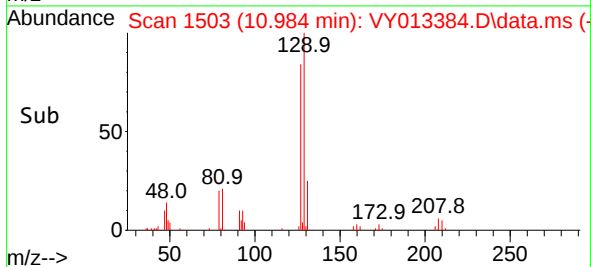
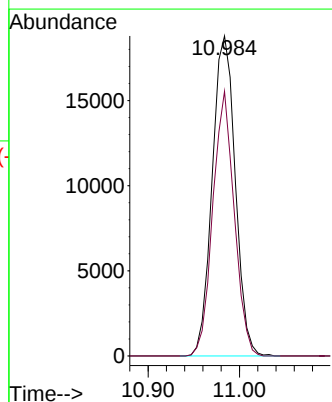
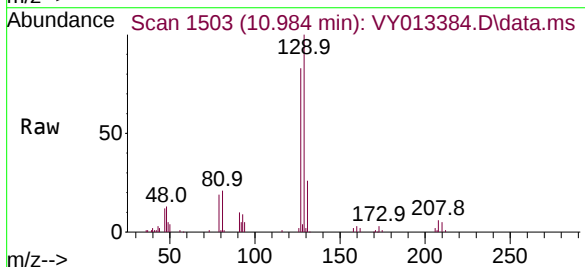
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

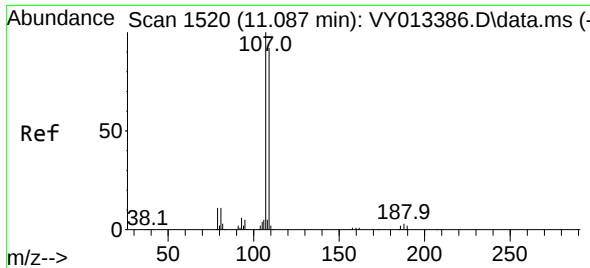
Tgt Ion: 43 Resp: 107495
Ion Ratio Lower Upper
43 100
58 51.6 26.3 78.8



#60
Dibromochloromethane
Concen: 10.090 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 129 Resp: 32890
Ion Ratio Lower Upper
129 100
127 76.9 38.7 116.1

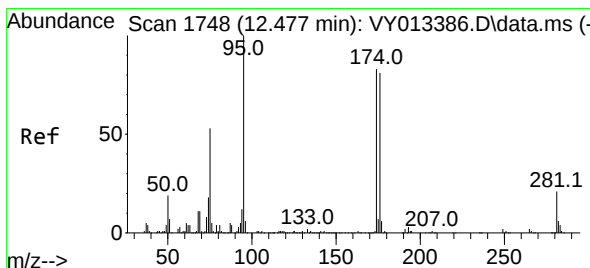
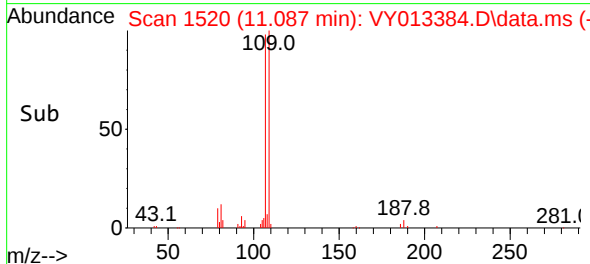
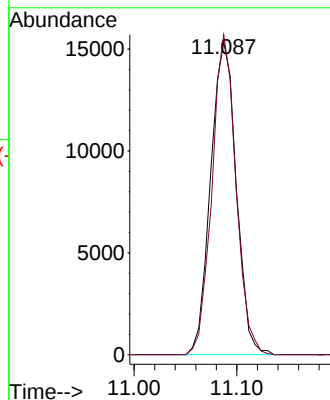
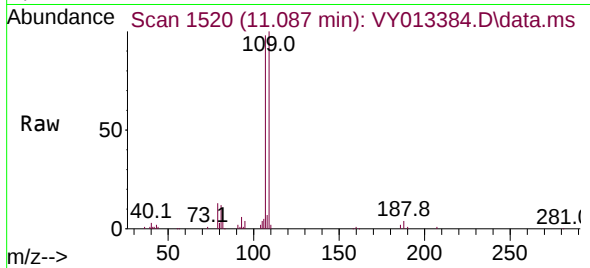




#61
1,2-Dibromoethane
Concen: 10.320 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

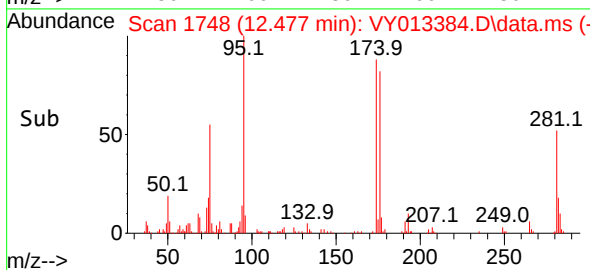
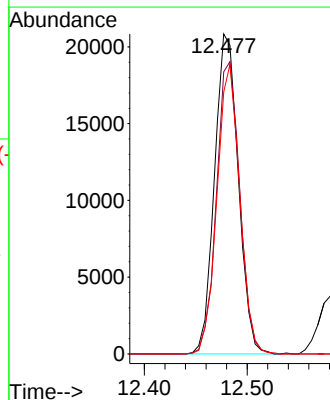
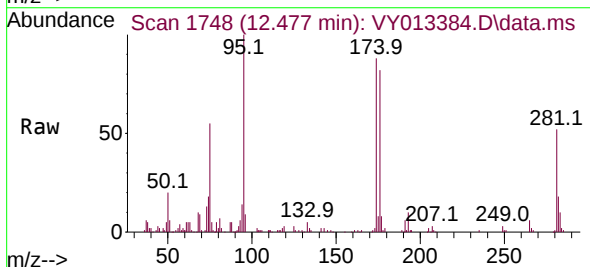
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

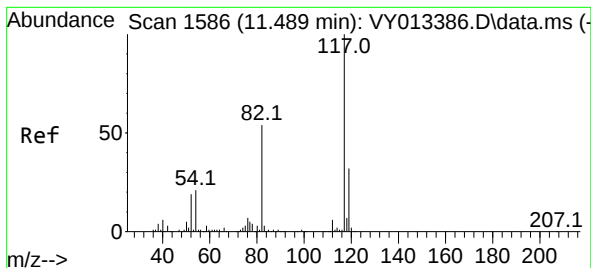
Tgt Ion:107 Resp: 26520
Ion Ratio Lower Upper
107 100
109 95.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 10.492 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 95 Resp: 33417
Ion Ratio Lower Upper
95 100
174 89.6 0.0 182.0
176 86.7 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

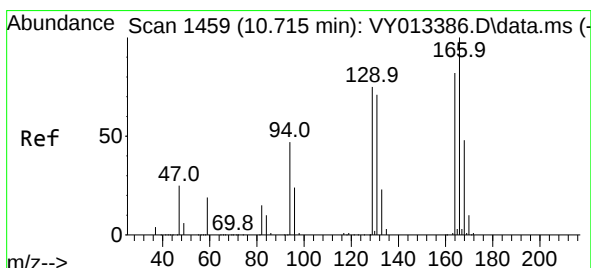
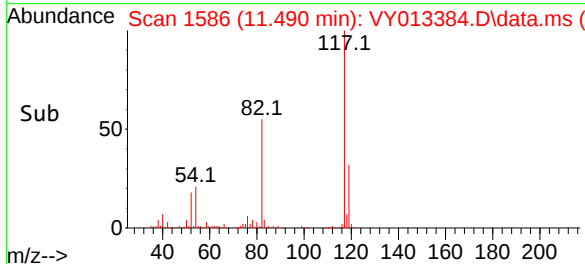
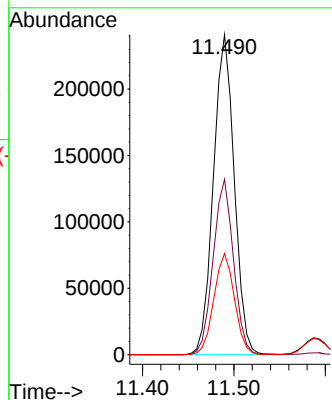
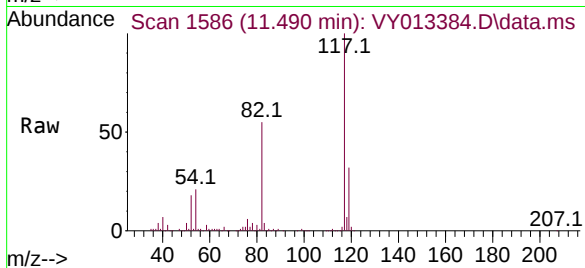
Tgt Ion:117 Resp: 381311

Ion Ratio Lower Upper

117 100

82 54.8 43.0 64.6

119 31.6 25.5 38.3



#64

Tetrachloroethene

Concen: 10.097 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Tgt Ion:164 Resp: 29074

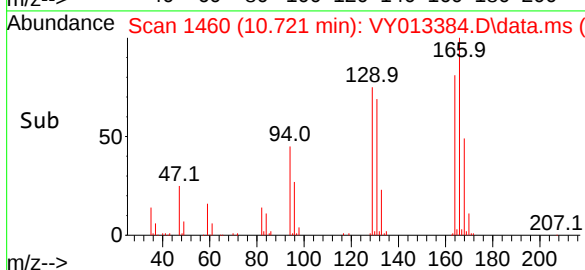
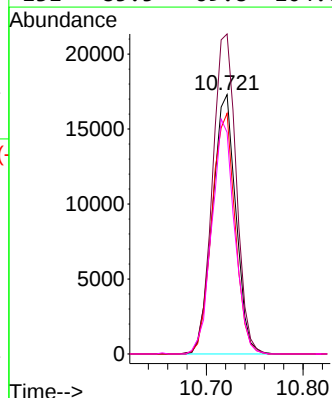
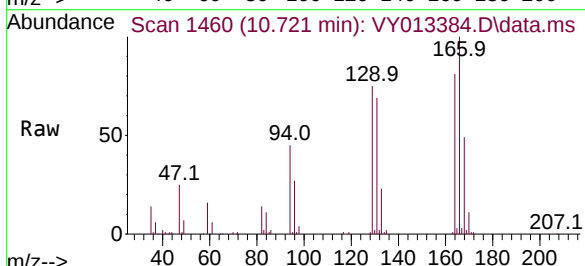
Ion Ratio Lower Upper

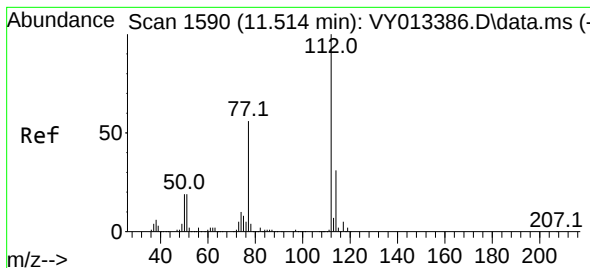
164 100

166 123.4 97.5 146.3

129 92.8 72.6 109.0

131 85.5 69.8 104.6





#65

Chlorobenzene

Concen: 10.020 ug/l

RT: 11.514 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

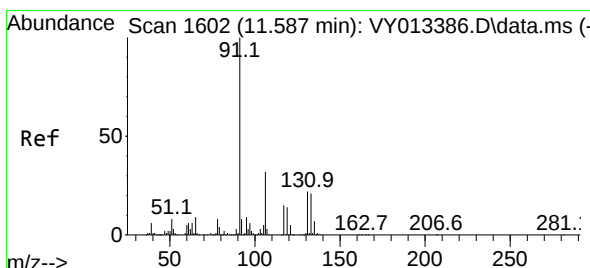
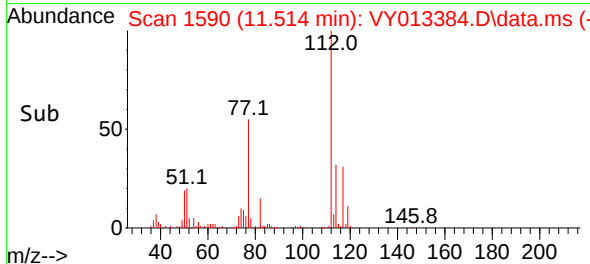
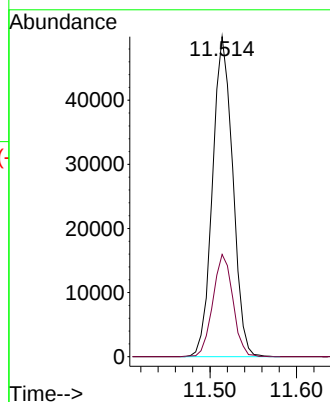
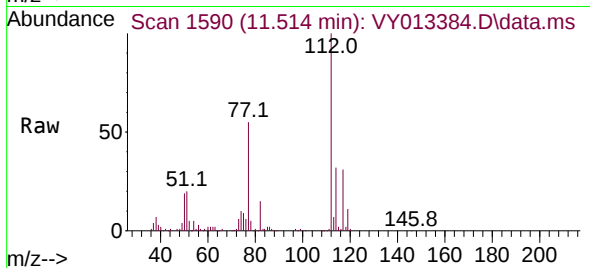
VSTDIC010

Tgt Ion:112 Resp: 81038

Ion Ratio Lower Upper

112 100

114 31.9 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 10.040 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

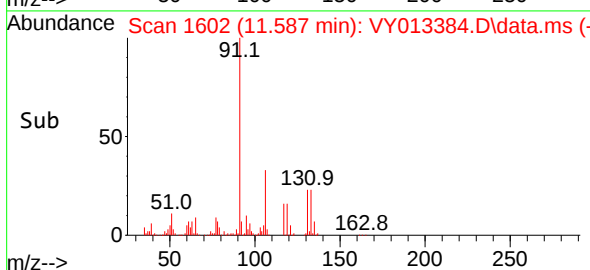
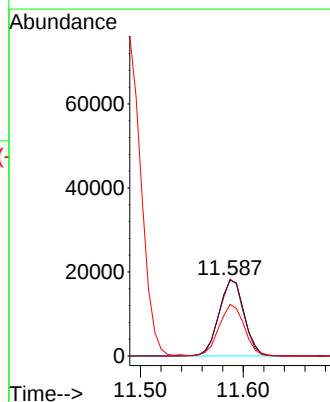
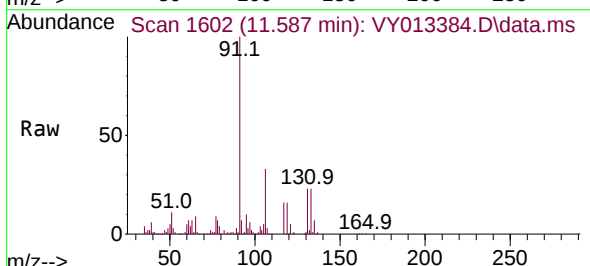
Tgt Ion:131 Resp: 30818

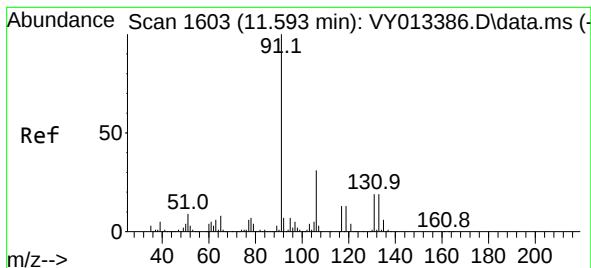
Ion Ratio Lower Upper

131 100

133 98.4 47.7 143.1

119 67.6 32.6 98.0





#67

Ethyl Benzene

Concen: 9.806 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

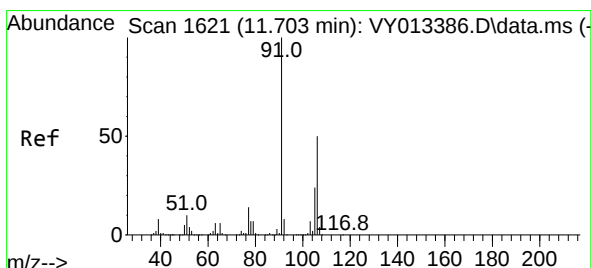
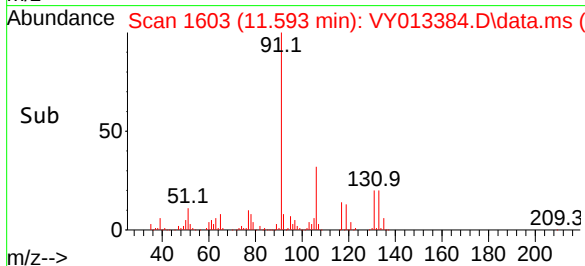
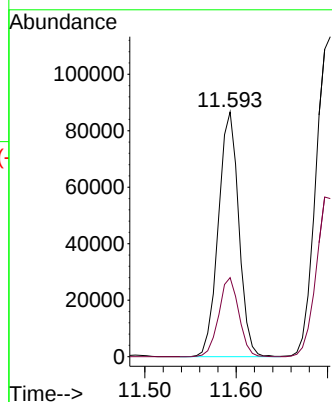
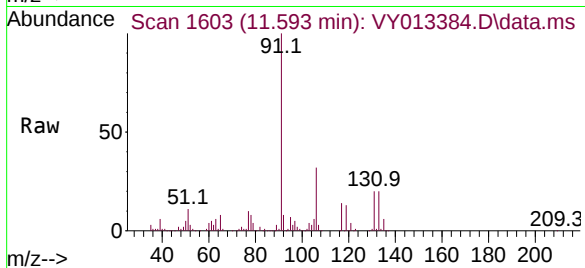
VSTDIC010

Tgt Ion: 91 Resp: 134479

Ion Ratio Lower Upper

91 100

106 32.3 25.1 37.7



#68

m/p-Xylenes

Concen: 19.950 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013384.D

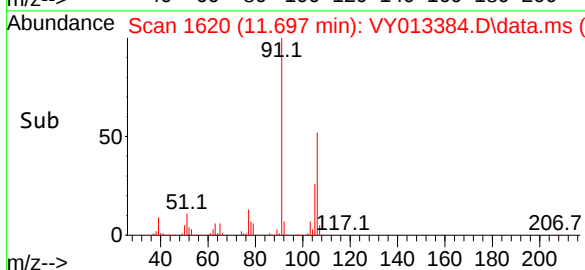
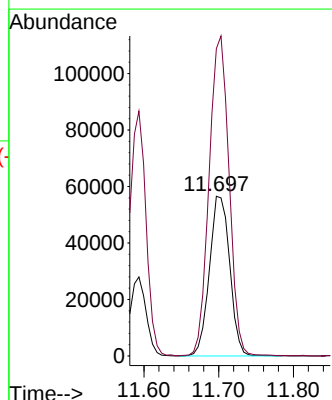
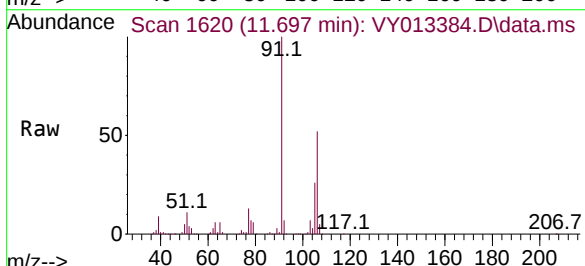
Acq: 21 Apr 2023 14:34

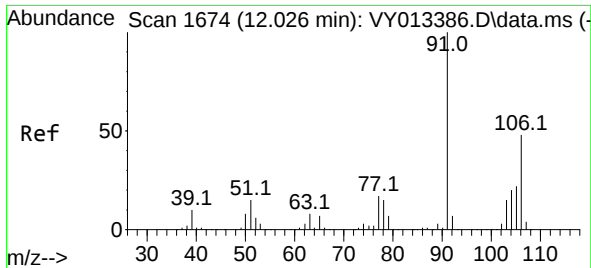
Tgt Ion: 106 Resp: 106616

Ion Ratio Lower Upper

106 100

91 197.0 160.9 241.3

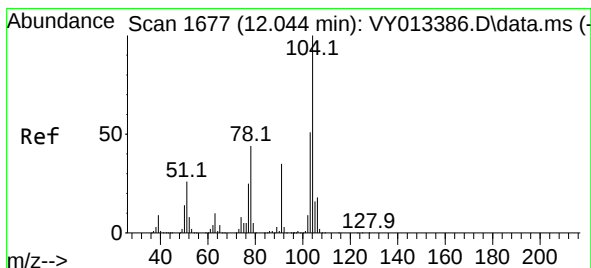
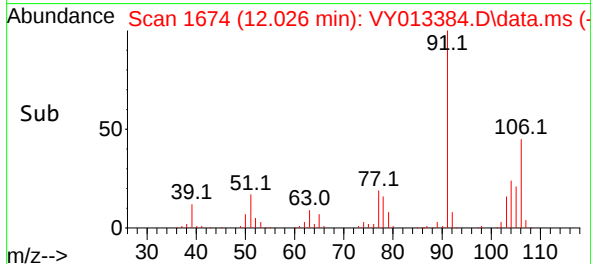
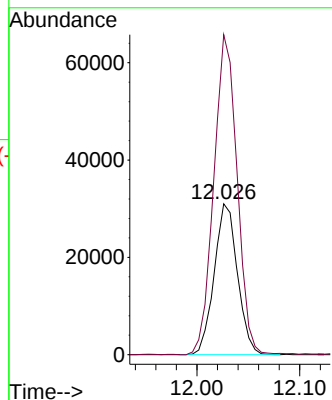
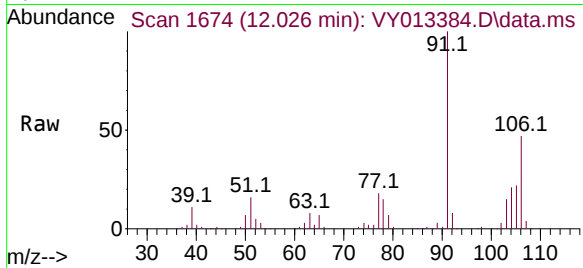




#69
o-Xylene
Concen: 9.720 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

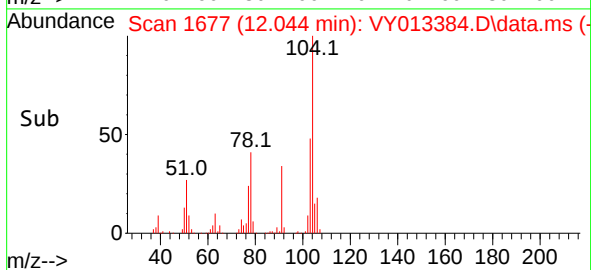
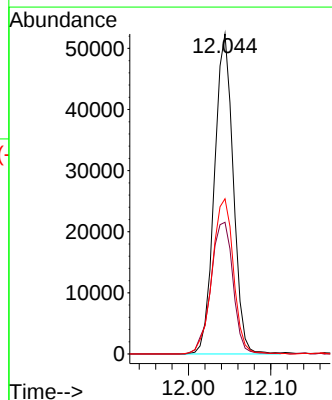
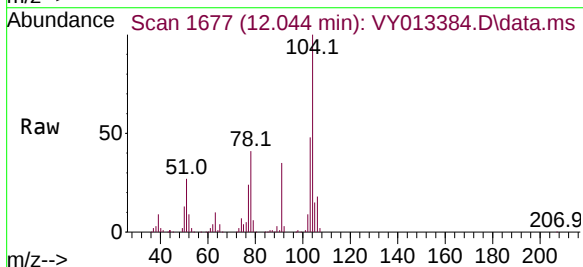
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

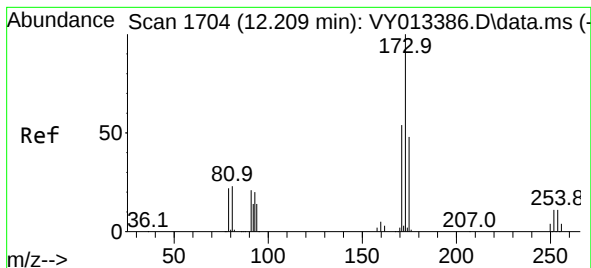
Tgt Ion:106 Resp: 48552
Ion Ratio Lower Upper
106 100
91 213.4 105.5 316.4



#70
Styrene
Concen: 9.998 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion:104 Resp: 83529
Ion Ratio Lower Upper
104 100
78 48.3 40.3 60.5
103 54.8 45.0 67.4





#71

Bromoform

Concen: 10.324 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

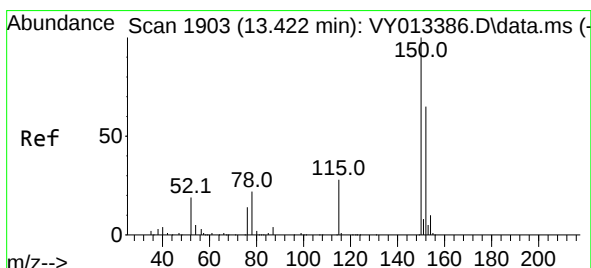
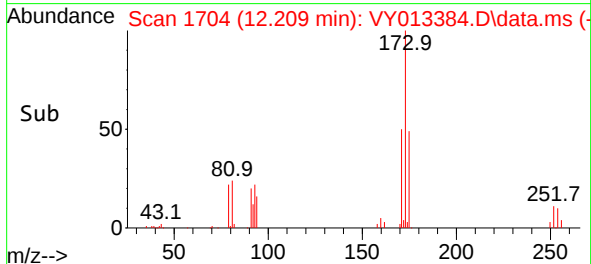
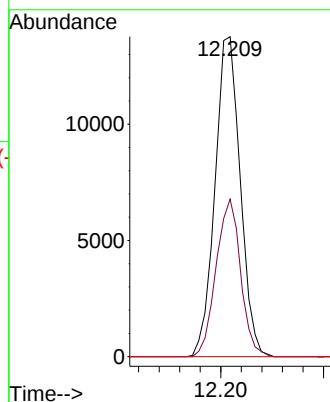
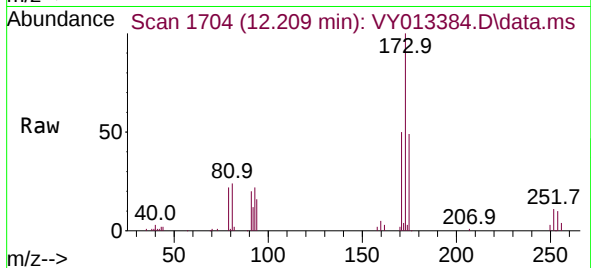
Tgt Ion:173 Resp: 23429

Ion Ratio Lower Upper

173 100

175 47.8 24.3 72.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

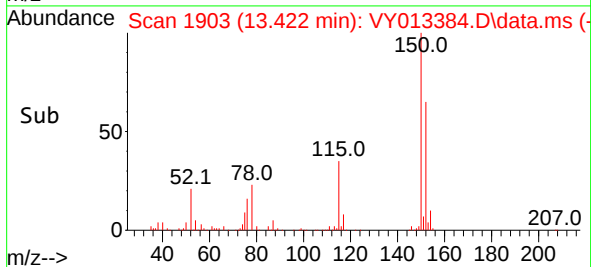
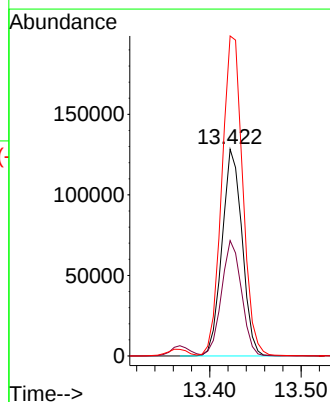
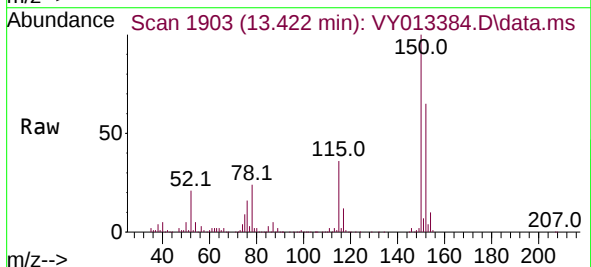
Tgt Ion:152 Resp: 195910

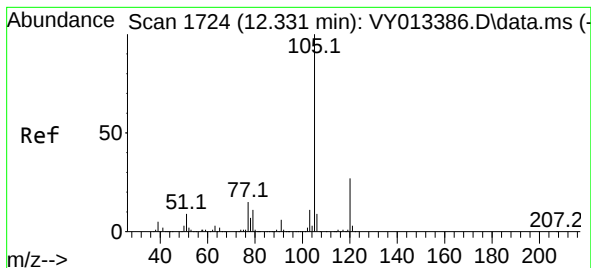
Ion Ratio Lower Upper

152 100

115 55.6 28.1 84.2

150 161.2 0.0 352.0





#73

Isopropylbenzene

Concen: 9.650 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

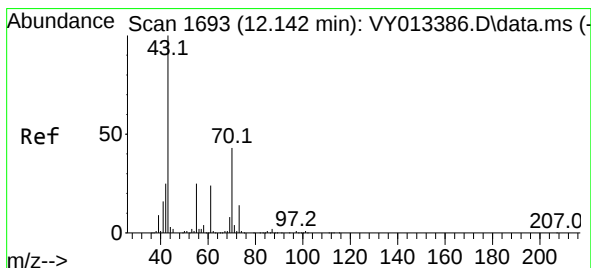
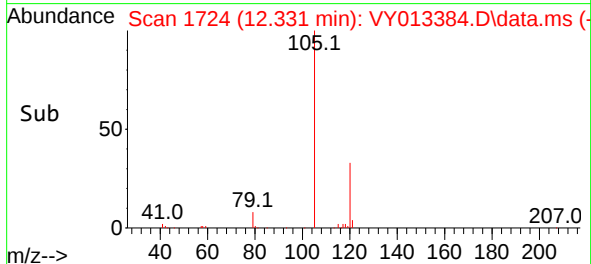
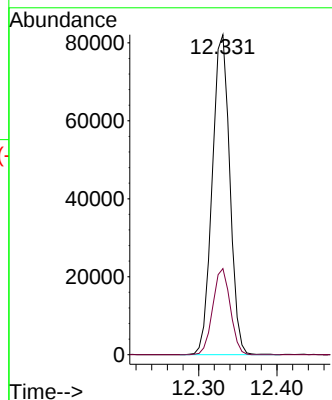
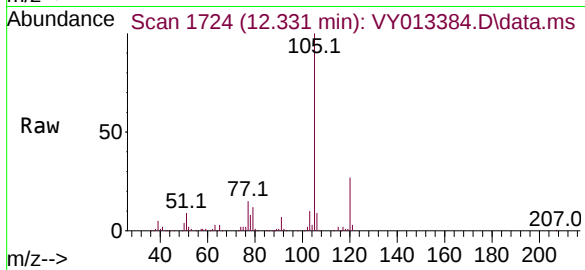
VSTDIC010

Tgt Ion:105 Resp: 127640

Ion Ratio Lower Upper

105 100

120 26.8 13.7 41.0



#74

N-ethyl acetate

Concen: 10.671 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Tgt Ion: 43 Resp: 43974

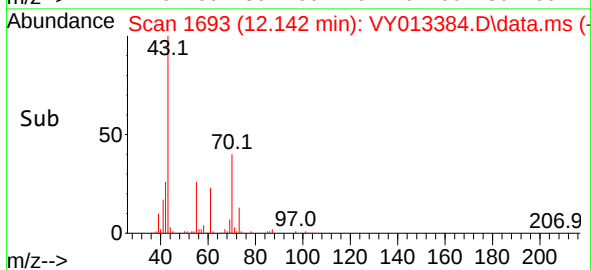
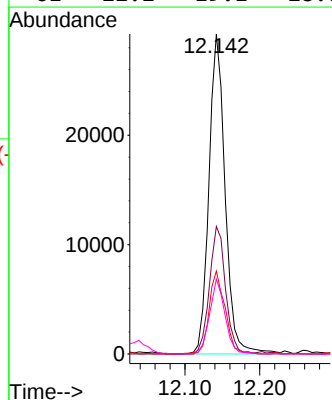
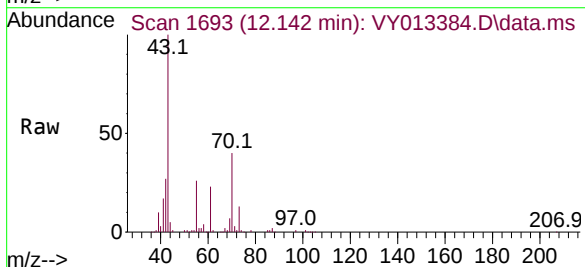
Ion Ratio Lower Upper

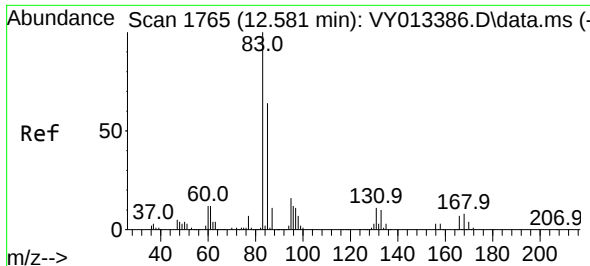
43 100

70 39.6 33.0 49.4

55 25.4 19.8 29.6

61 22.2 19.1 28.7

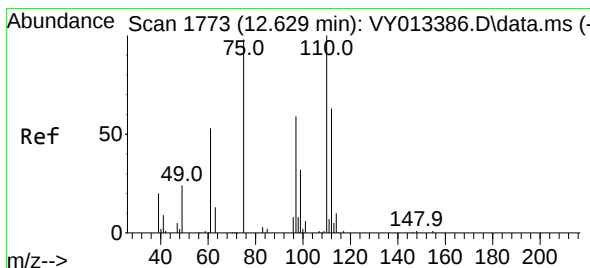
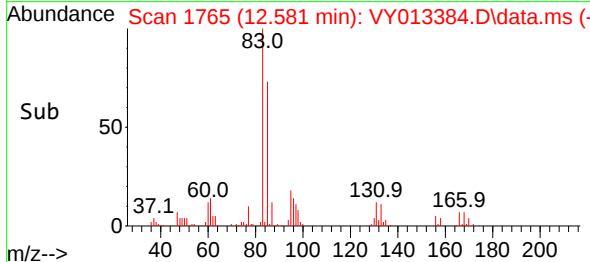
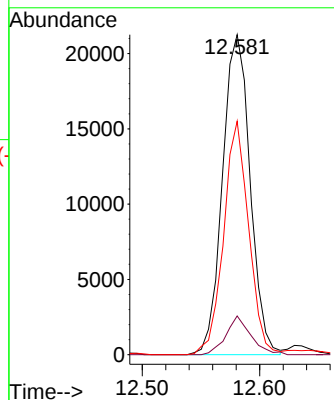
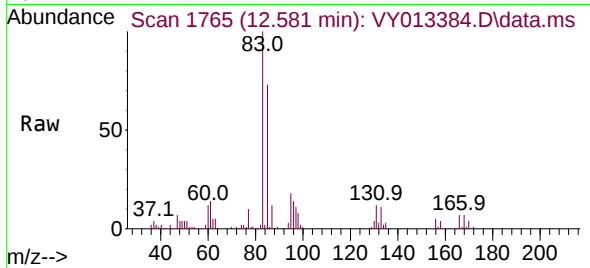




#75
 1,1,2,2-Tetrachloroethane
 Concen: 10.749 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY013384.D
 Acq: 21 Apr 2023 14:34

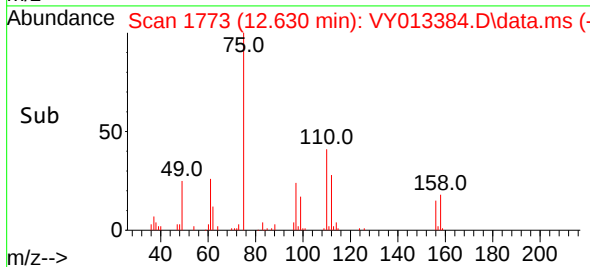
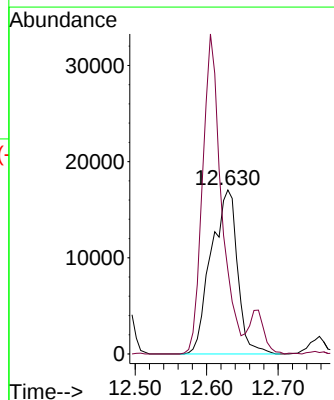
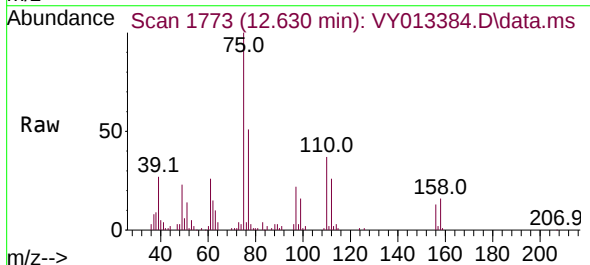
Instrument :
 MSVOA_V
 ClientSampleId :
 VSTDIC010

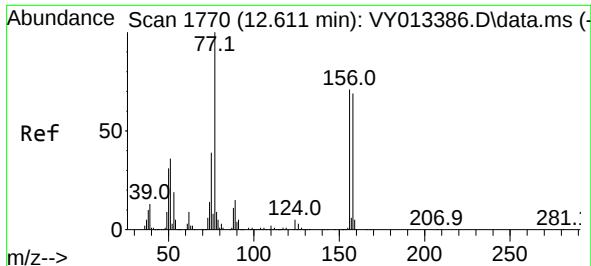
Tgt Ion: 83 Resp: 34723
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.7 17.0
 85 66.2 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 19.258 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY013384.D
 Acq: 21 Apr 2023 14:34

Tgt Ion: 75 Resp: 43733
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

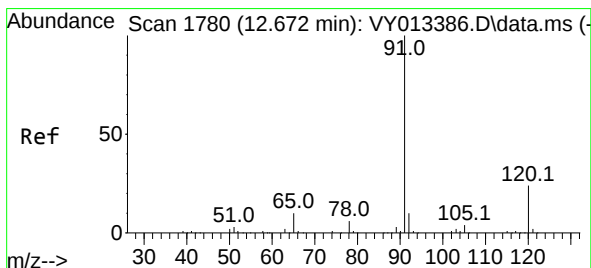
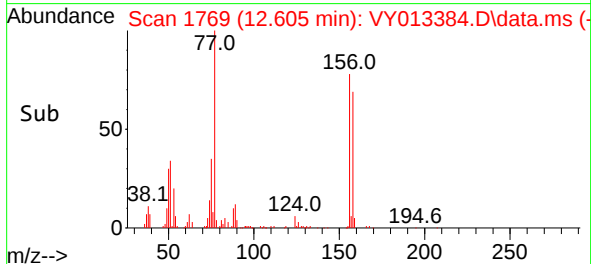
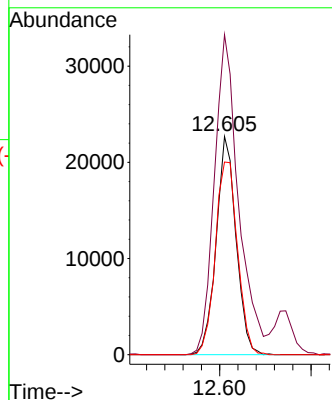
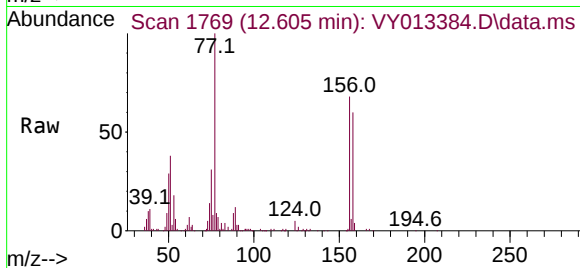




#77
Bromobenzene
Concen: 9.871 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

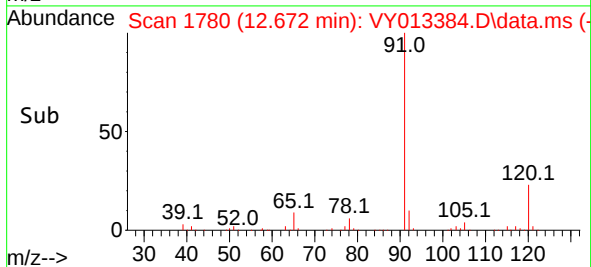
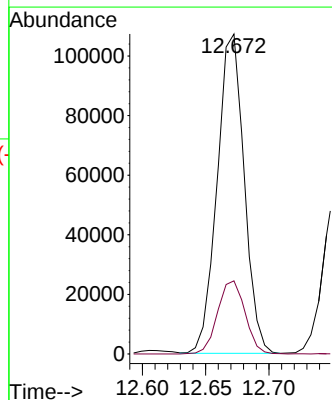
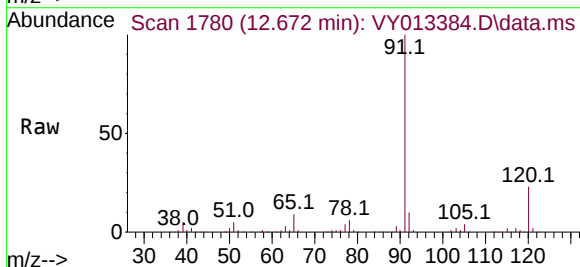
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

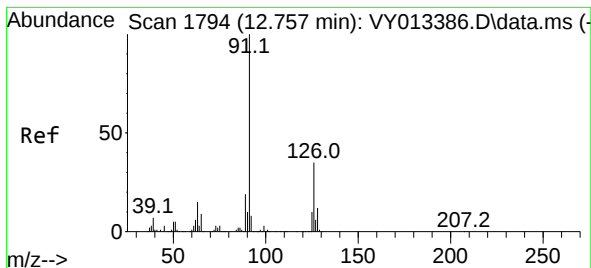
Tgt Ion:156 Resp: 34328
Ion Ratio Lower Upper
156 100
77 177.4 87.6 262.9
158 98.7 48.5 145.5



#78
n-propylbenzene
Concen: 9.884 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 91 Resp: 158984
Ion Ratio Lower Upper
91 100
120 23.3 11.9 35.9

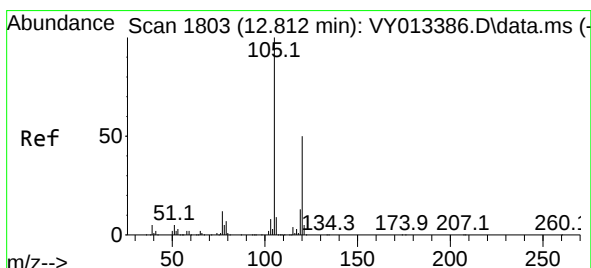
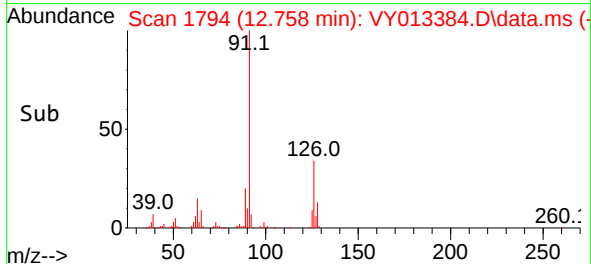
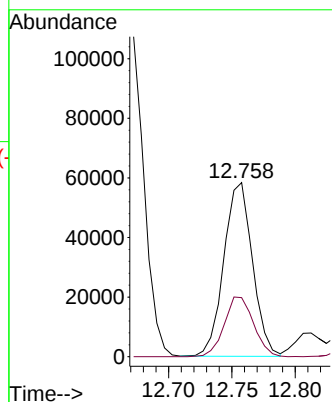
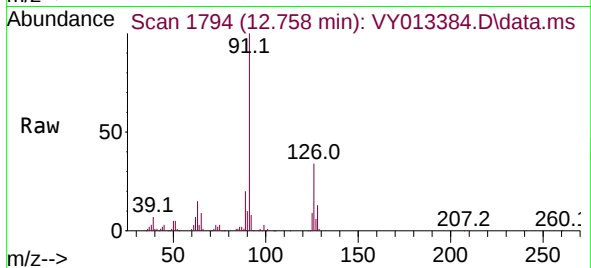




#79
2-Chlorotoluene
Concen: 10.031 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

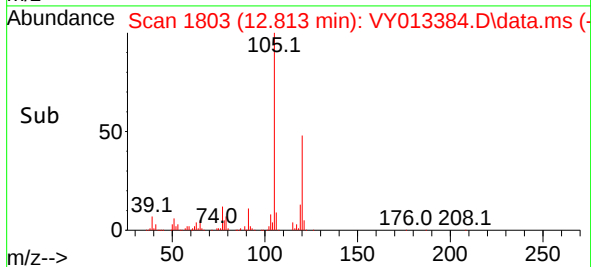
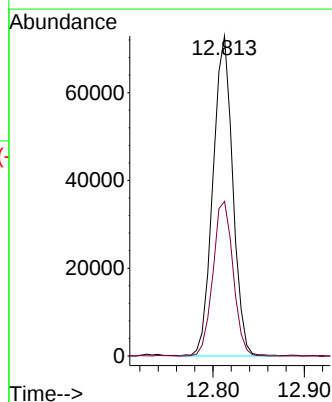
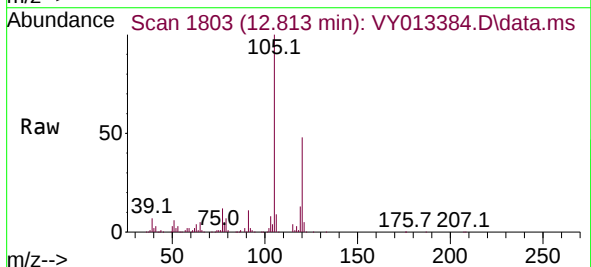
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

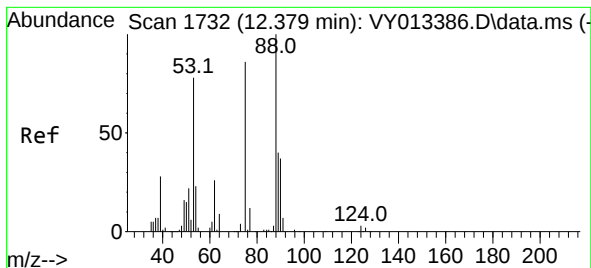
Tgt Ion: 91 Resp: 91829
Ion Ratio Lower Upper
91 100
126 35.3 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 9.894 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 105 Resp: 109602
Ion Ratio Lower Upper
105 100
120 49.2 24.7 74.1

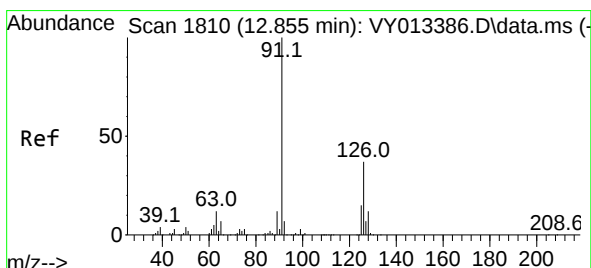
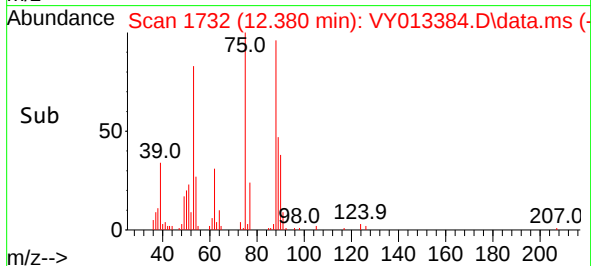
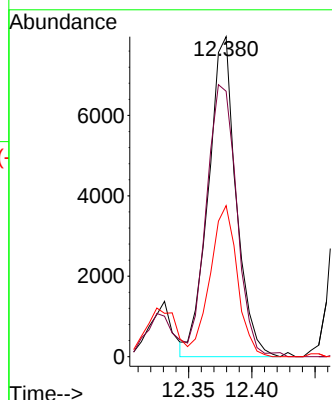
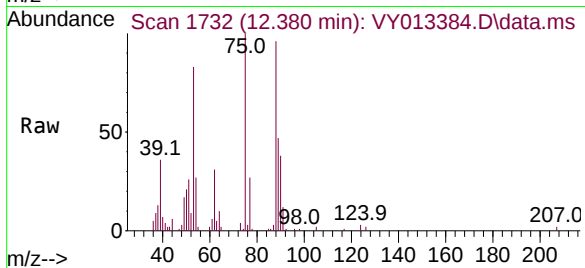




#81
trans-1,4-Dichloro-2-butene
Concen: 10.585 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

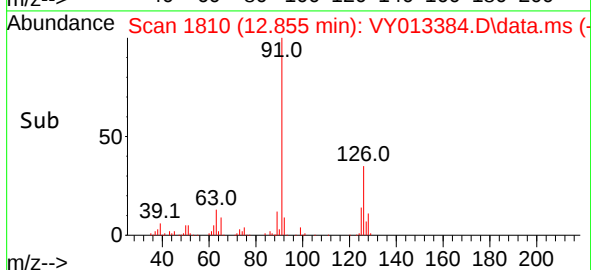
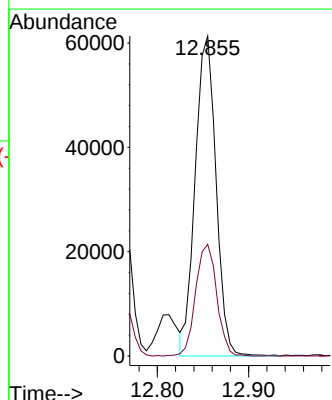
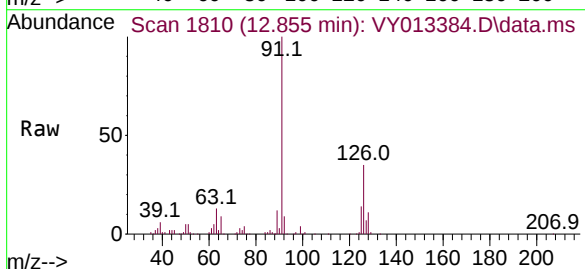
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

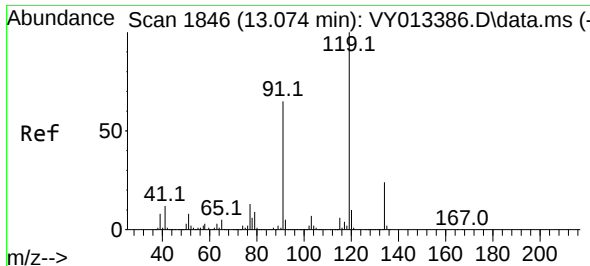
Tgt Ion: 75 Resp: 12179
Ion Ratio Lower Upper
75 100
53 92.1 73.2 109.8
89 46.2 38.0 57.0



#82
4-Chlorotoluene
Concen: 10.169 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 91 Resp: 97017
Ion Ratio Lower Upper
91 100
126 35.5 17.9 53.8

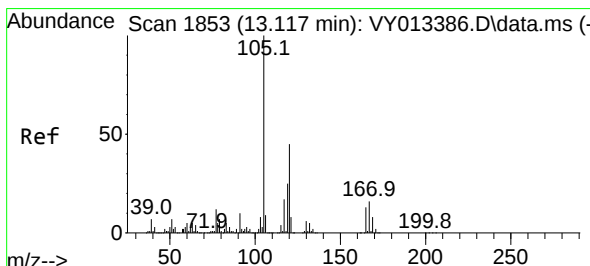
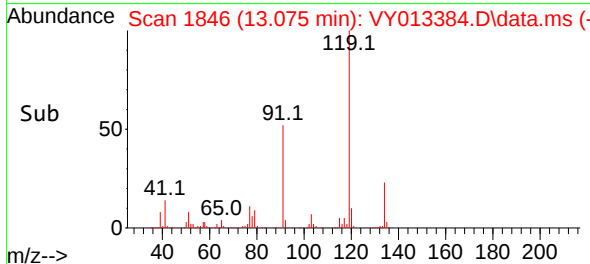
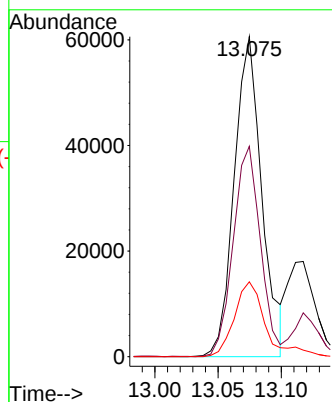
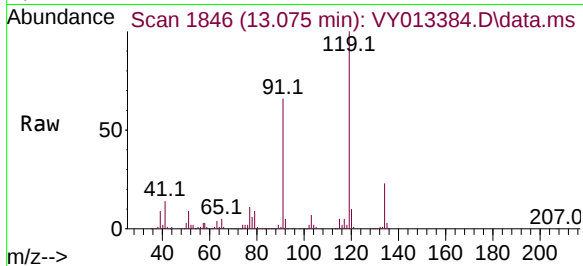




#83
tert-Butylbenzene
Concen: 9.611 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

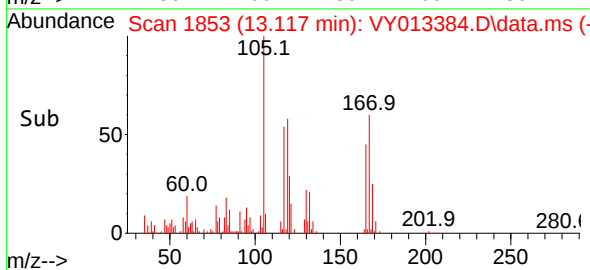
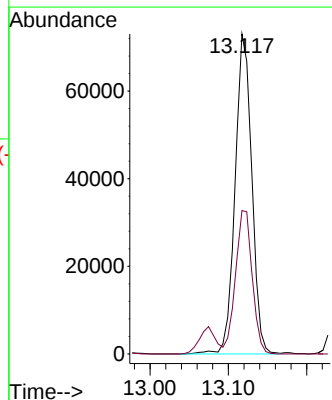
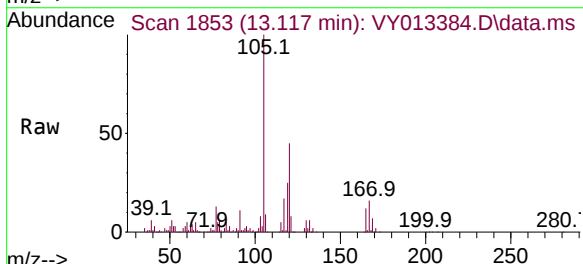
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

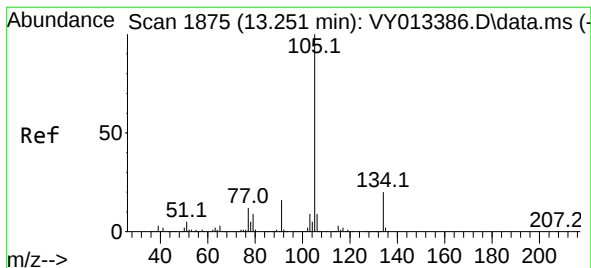
Tgt Ion:119 Resp: 92183
Ion Ratio Lower Upper
119 100
91 64.7 32.2 96.6
134 26.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 9.924 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion:105 Resp: 107853
Ion Ratio Lower Upper
105 100
120 44.8 22.3 66.9





#85

sec-Butylbenzene

Concen: 9.903 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

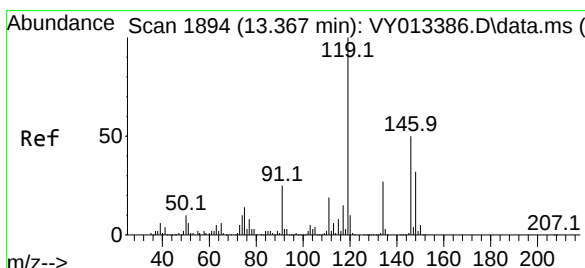
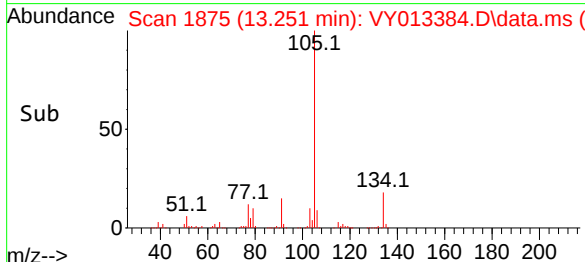
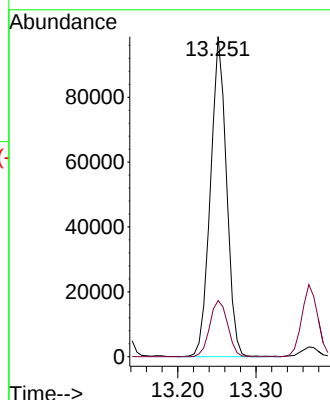
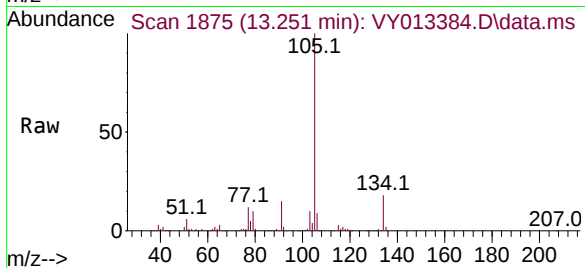
VSTDIC010

Tgt Ion:105 Resp: 140254

Ion Ratio Lower Upper

105 100

134 19.5 10.3 30.9



#86

p-Isopropyltoluene

Concen: 9.655 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

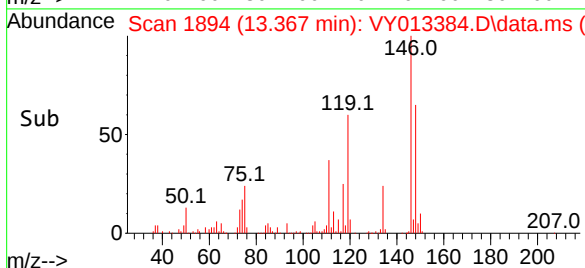
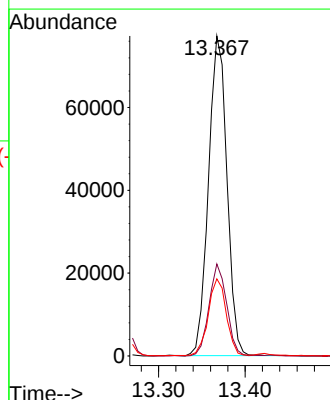
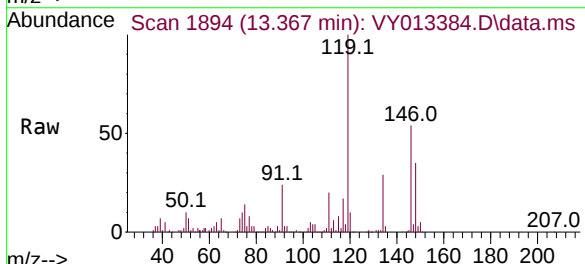
Tgt Ion:119 Resp: 114209

Ion Ratio Lower Upper

119 100

134 27.5 13.4 40.2

91 23.4 12.1 36.3

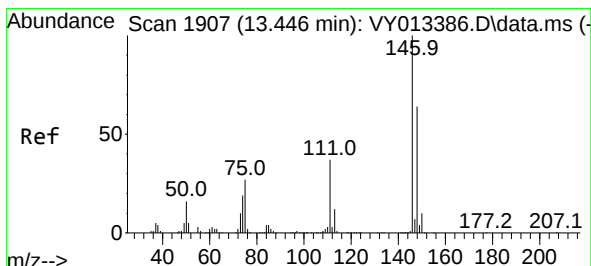
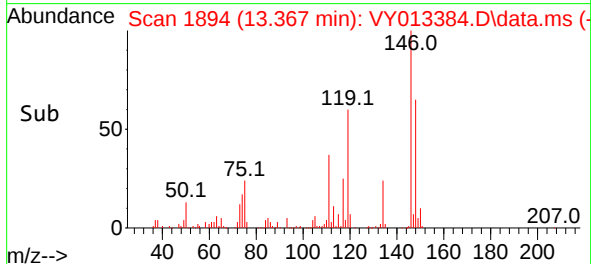
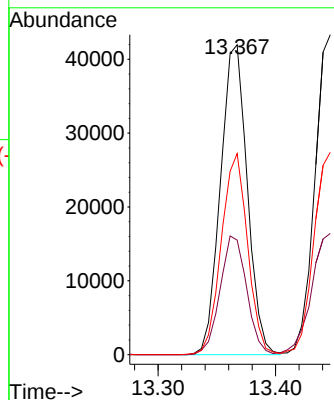
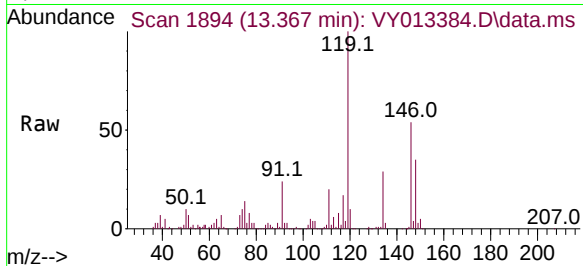




#87
1,3-Dichlorobenzene
Concen: 10.088 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

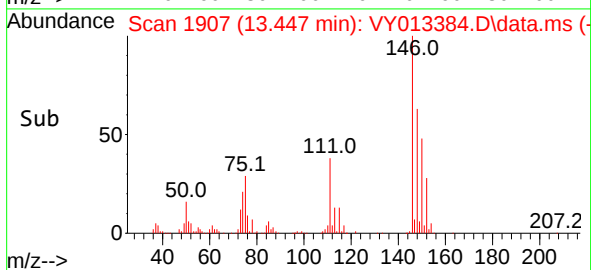
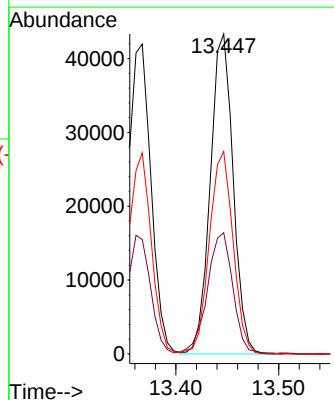
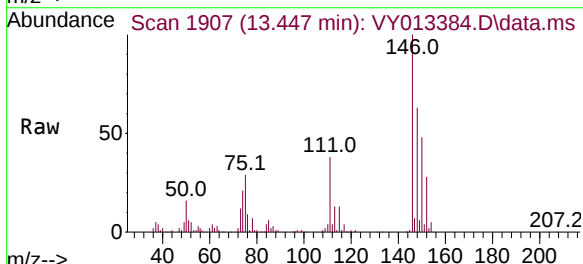
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

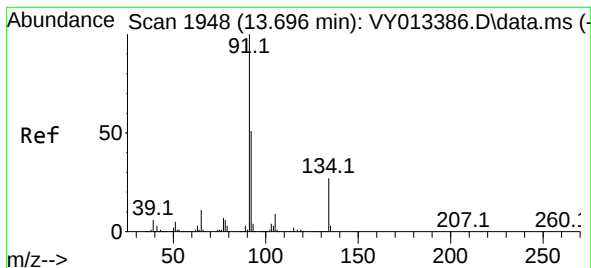
Tgt Ion:146 Resp: 66621
Ion Ratio Lower Upper
146 100
111 38.0 19.3 57.9
148 63.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 10.017 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion:146 Resp: 66899
Ion Ratio Lower Upper
146 100
111 42.3 18.9 56.5
148 65.6 31.9 95.5





#89

n-Butylbenzene

Concen: 9.714 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

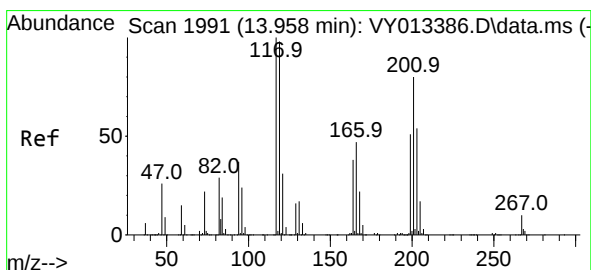
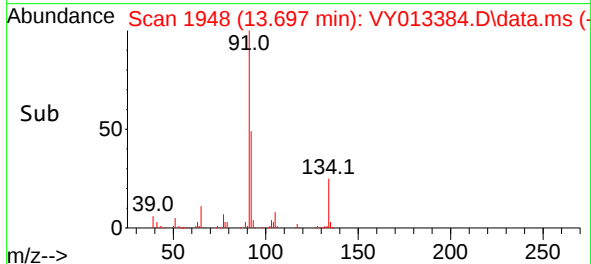
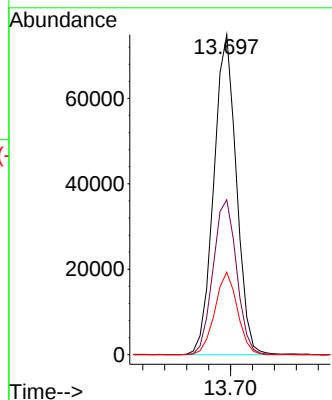
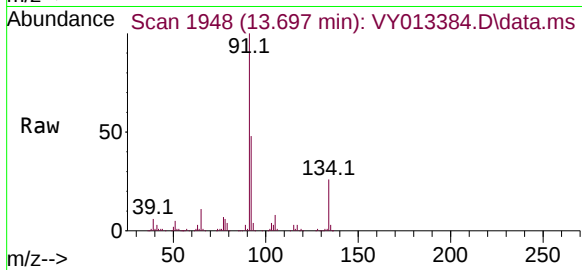
Tgt Ion: 91 Resp: 107452

Ion Ratio Lower Upper

91 100

92 50.4 25.8 77.3

134 25.7 13.5 40.4



#90

Hexachloroethane

Concen: 9.926 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013384.D

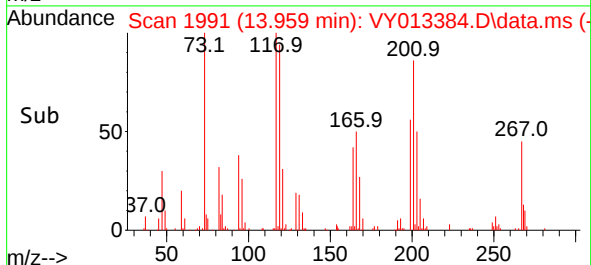
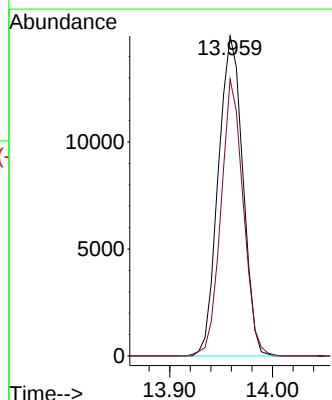
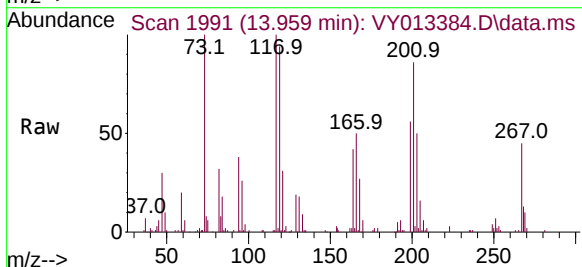
Acq: 21 Apr 2023 14:34

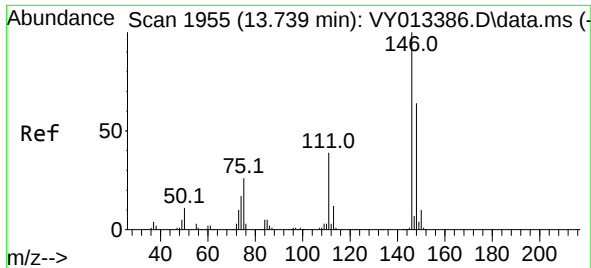
Tgt Ion: 117 Resp: 24777

Ion Ratio Lower Upper

117 100

201 78.6 41.6 124.8

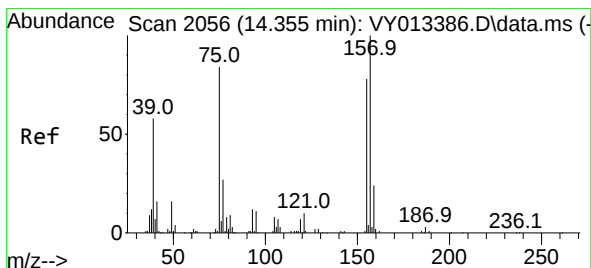
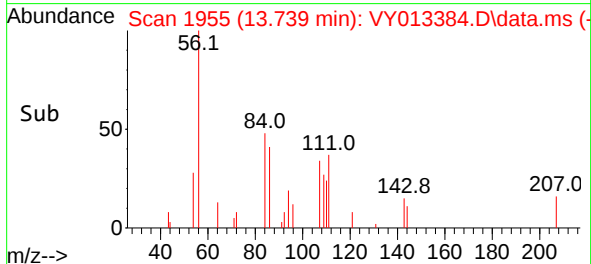
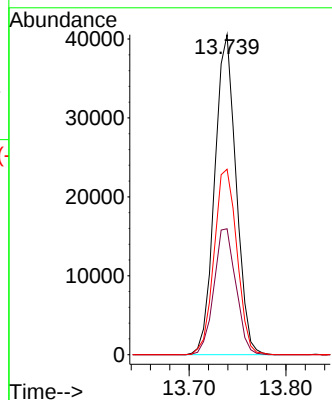
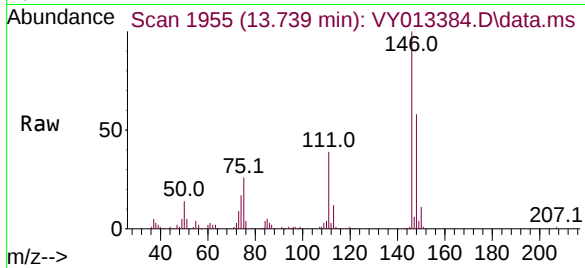




#91
1,2-Dichlorobenzene
Concen: 10.199 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

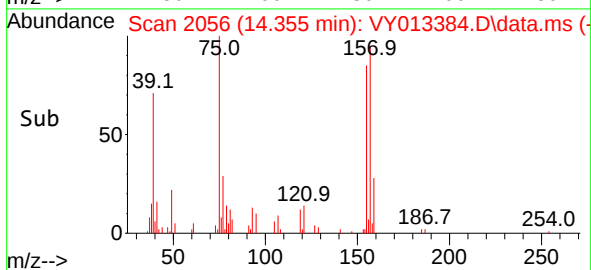
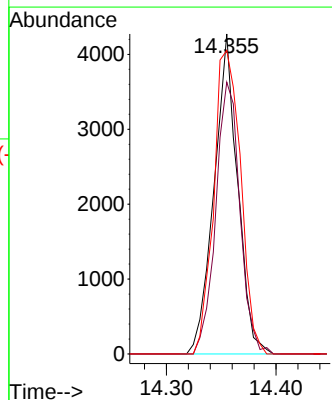
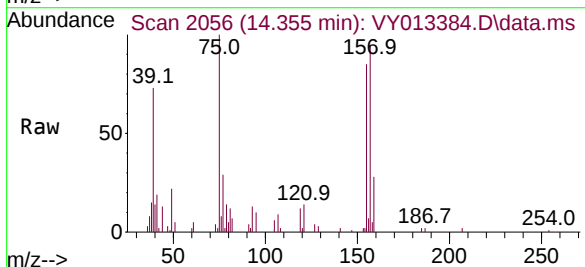
Instrument :
MSVOA_V
ClientSampleId :
VSTDIC010

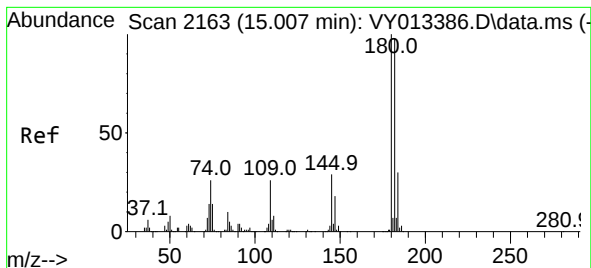
Tgt Ion:146 Resp: 62286
Ion Ratio Lower Upper
146 100
111 40.5 19.8 59.4
148 62.0 31.8 95.4



#92
1,2-Dibromo-3-Chloropropane
Concen: 10.723 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013384.D
Acq: 21 Apr 2023 14:34

Tgt Ion: 75 Resp: 6370
Ion Ratio Lower Upper
75 100
155 87.0 44.6 134.0
157 108.5 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 9.436 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

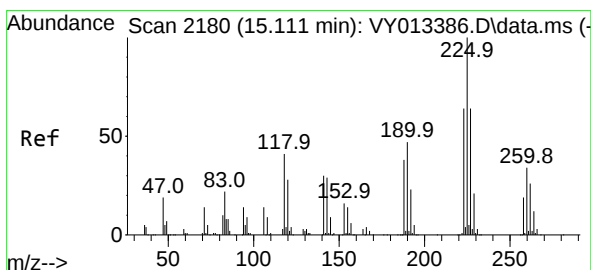
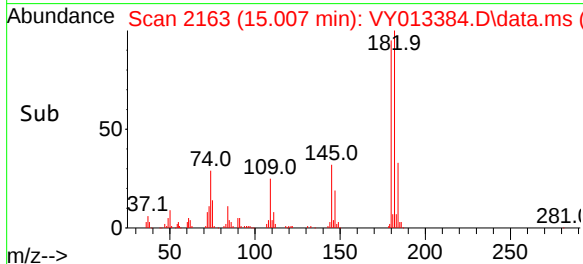
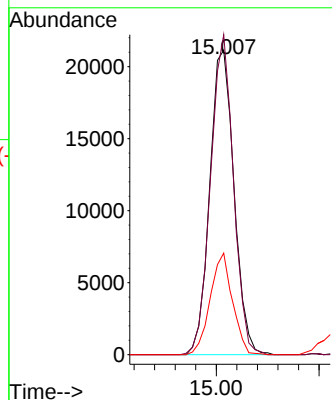
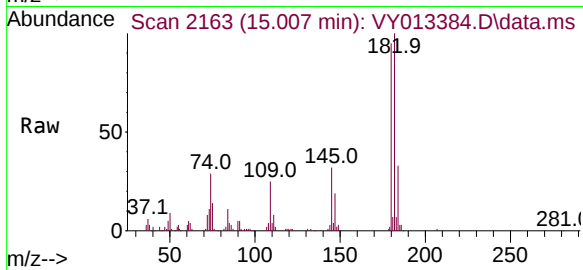
Tgt Ion:180 Resp: 34709

Ion Ratio Lower Upper

180 100

182 98.8 48.5 145.5

145 30.6 15.0 45.0



#94

Hexachlorobutadiene

Concen: 9.554 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

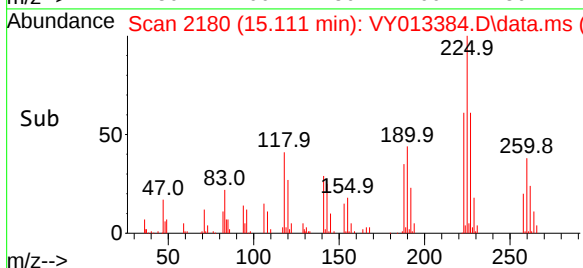
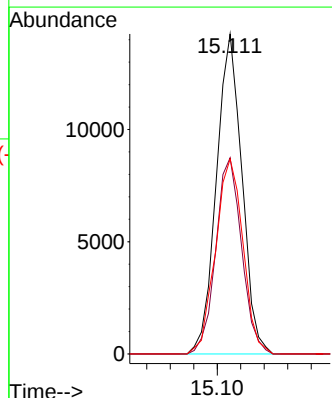
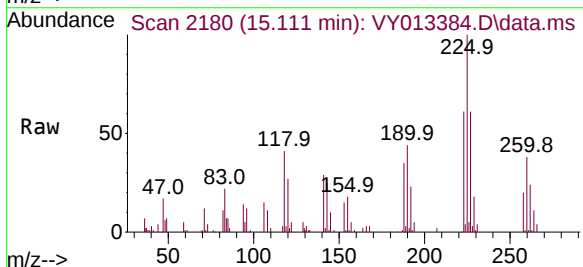
Tgt Ion:225 Resp: 21531

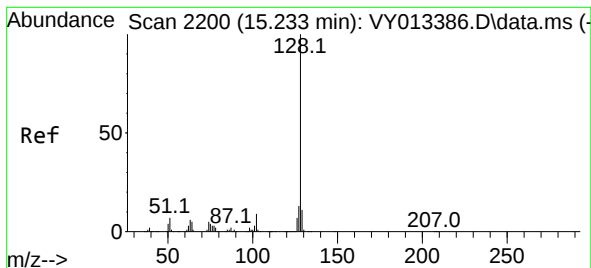
Ion Ratio Lower Upper

225 100

223 62.0 31.4 94.2

227 65.4 32.0 96.0





#95

Naphthalene

Concen: 9.523 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Instrument :

MSVOA_V

ClientSampleId :

VSTDIC010

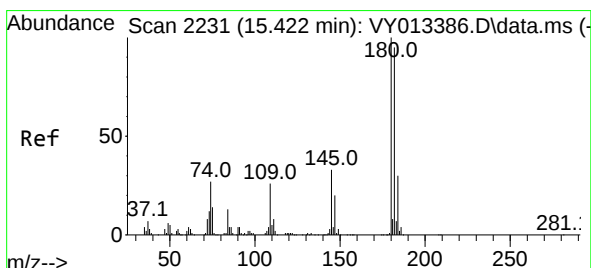
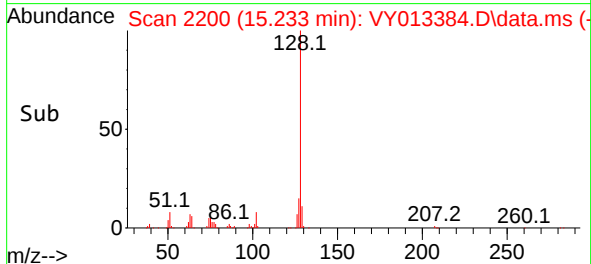
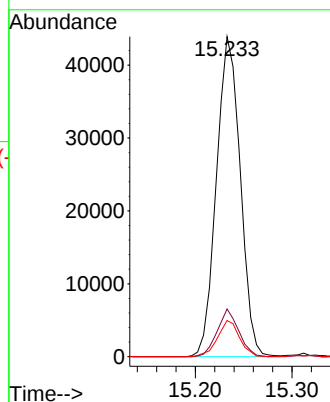
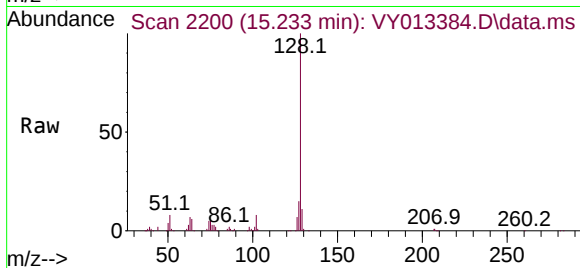
Tgt Ion:128 Resp: 75160

Ion Ratio Lower Upper

128 100

127 13.4 10.7 16.1

129 10.4 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 9.850 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY013384.D

Acq: 21 Apr 2023 14:34

Tgt Ion:180 Resp: 33612

Ion Ratio Lower Upper

180 100

182 92.2 47.1 141.3

145 28.4 15.9 47.7

