

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051923\
 Data File : VY013825.D
 Acq On : 19 May 2023 16:51
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 22 04:22:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051723S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 18 06:54:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	254615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	380803	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	340715	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	167843	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141182	47.732	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.460%
35) Dibromofluoromethane	7.722	113	118908	48.694	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.380%
50) Toluene-d8	10.179	98	452873	48.919	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.840%
62) 4-Bromofluorobenzene	12.477	95	150889	49.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.140%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	94767	51.839	ug/l	99
3) Chloromethane	2.113	50	113082	40.802	ug/l	100
4) Vinyl Chloride	2.253	62	119775	43.280	ug/l	97
5) Bromomethane	2.656	94	90470	36.866	ug/l	97
6) Chloroethane	2.796	64	77207	40.588	ug/l	98
7) Trichlorofluoromethane	3.125	101	212073	52.652	ug/l	98
8) Diethyl Ether	3.528	74	66223	49.136	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	114749	48.678	ug/l	98
10) Methyl Iodide	4.095	142	115639	44.651	ug/l	96
11) Tert butyl alcohol	4.966	59	60536	252.644	ug/l #	73
12) 1,1-Dichloroethene	3.875	96	107429	50.278	ug/l	93
13) Acrolein	3.729	56	79930	186.730	ug/l	99
14) Allyl chloride	4.479	41	187971	44.659	ug/l	95
15) Acrylonitrile	5.161	53	173861	219.972	ug/l	99
16) Acetone	3.948	43	210672	236.080	ug/l	95
17) Carbon Disulfide	4.198	76	272731	44.420	ug/l	100
18) Methyl Acetate	4.479	43	126200	40.564	ug/l	97
19) Methyl tert-butyl Ether	5.222	73	312553	48.215	ug/l	98
20) Methylene Chloride	4.716	84	129703	47.961	ug/l	95
21) trans-1,2-Dichloroethene	5.222	96	115929	48.185	ug/l	99
22) Diisopropyl ether	6.119	45	407435	45.508	ug/l	98
23) Vinyl Acetate	6.058	43	1189729	229.639	ug/l	98
24) 1,1-Dichloroethane	6.015	63	228970	46.783	ug/l	99
25) 2-Butanone	6.984	43	246011	212.071	ug/l	99
26) 2,2-Dichloropropane	6.984	77	210881	50.442	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	138334	48.796	ug/l	100
28) Bromochloromethane	7.332	49	69310	40.474	ug/l	90
29) Tetrahydrofuran	7.350	42	146344	210.838	ug/l	96
30) Chloroform	7.509	83	241430	48.952	ug/l	97
31) Cyclohexane	7.783	56	179488	42.325	ug/l	98
32) 1,1,1-Trichloroethane	7.704	97	218439	51.886	ug/l	99
36) 1,1-Dichloropropene	7.917	75	168019	49.798	ug/l	98
37) Ethyl Acetate	7.070	43	105476	45.447	ug/l	99
38) Carbon Tetrachloride	7.905	117	200231	56.255	ug/l	96
39) Methylcyclohexane	9.185	83	192890	50.299	ug/l	96
40) Benzene	8.161	78	493176	50.299	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	44116	38.251	ug/l	95
42) 1,2-Dichloroethane	8.240	62	166977	52.708	ug/l	99
43) Isopropyl Acetate	8.271	43	192149	45.614	ug/l	97
44) Trichloroethene	8.941	130	134642	52.531	ug/l	98
45) 1,2-Dichloropropane	9.216	63	130541	48.451	ug/l	100
46) Dibromomethane	9.307	93	76005	50.369	ug/l	98
47) Bromodichloromethane	9.496	83	186046	52.062	ug/l #	96
48) Methyl methacrylate	9.295	41	89938	46.479	ug/l	96
49) 1,4-Dioxane	9.313	88	16958	915.677	ug/l	95
51) 4-Methyl-2-Pentanone	10.069	43	538640	229.620	ug/l	99
52) Toluene	10.246	92	307101	51.665	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	187612	50.920	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	206288	50.180	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	102869	50.123	ug/l	97
56) Ethyl methacrylate	10.508	69	136351	49.784	ug/l	99
57) 1,3-Dichloropropane	10.788	76	173601	49.168	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	197248	198.783	ug/l	94
59) 2-Hexanone	10.831	43	384642	230.680	ug/l	99
60) Dibromochloromethane	10.984	129	132720	53.370	ug/l	99
61) 1,2-Dibromoethane	11.087	107	95623	49.410	ug/l	99
64) Tetrachloroethene	10.721	164	113607	52.562	ug/l	98
65) Chlorobenzene	11.514	112	334050	51.800	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	133906	53.438	ug/l	98
67) Ethyl Benzene	11.593	91	609724	53.206	ug/l	99
68) m/p-Xylenes	11.703	106	456064	106.255	ug/l	99
69) o-Xylene	12.026	106	218856	53.602	ug/l	99
70) Styrene	12.044	104	376412	54.279	ug/l	99
71) Bromoform	12.209	173	87068	52.595	ug/l #	97
73) Isopropylbenzene	12.325	105	584999	51.483	ug/l	100
74) N-amyl acetate	12.142	43	171868	44.571	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.581	83	121941	45.301	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	161053	79.284	ug/l #	100
77) Bromobenzene	12.605	156	141811	51.736	ug/l	94
78) n-propylbenzene	12.666	91	721596	51.553	ug/l	98
79) 2-Chlorotoluene	12.752	91	402558	50.959	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	491115	53.005	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	41190	45.145	ug/l	92
82) 4-Chlorotoluene	12.855	91	413618	50.264	ug/l	97
83) tert-Butylbenzene	13.075	119	436224	54.064	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	481421	53.014	ug/l	100
85) sec-Butylbenzene	13.251	105	637375	52.355	ug/l	99
86) p-Isopropyltoluene	13.367	119	522397	53.140	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	277274	51.961	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	271313	50.565	ug/l	99
89) n-Butylbenzene	13.690	91	495519	51.414	ug/l	99
90) Hexachloroethane	13.959	117	104532	50.319	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	246214	51.815	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	21261	48.747	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	146251	51.865	ug/l	99
94) Hexachlorobutadiene	15.111	225	91009	51.955	ug/l	99
95) Naphthalene	15.233	128	282431	50.465	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	129553	51.064	ug/l	99

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QLast Update : Thu May 18 06:54:18 2023
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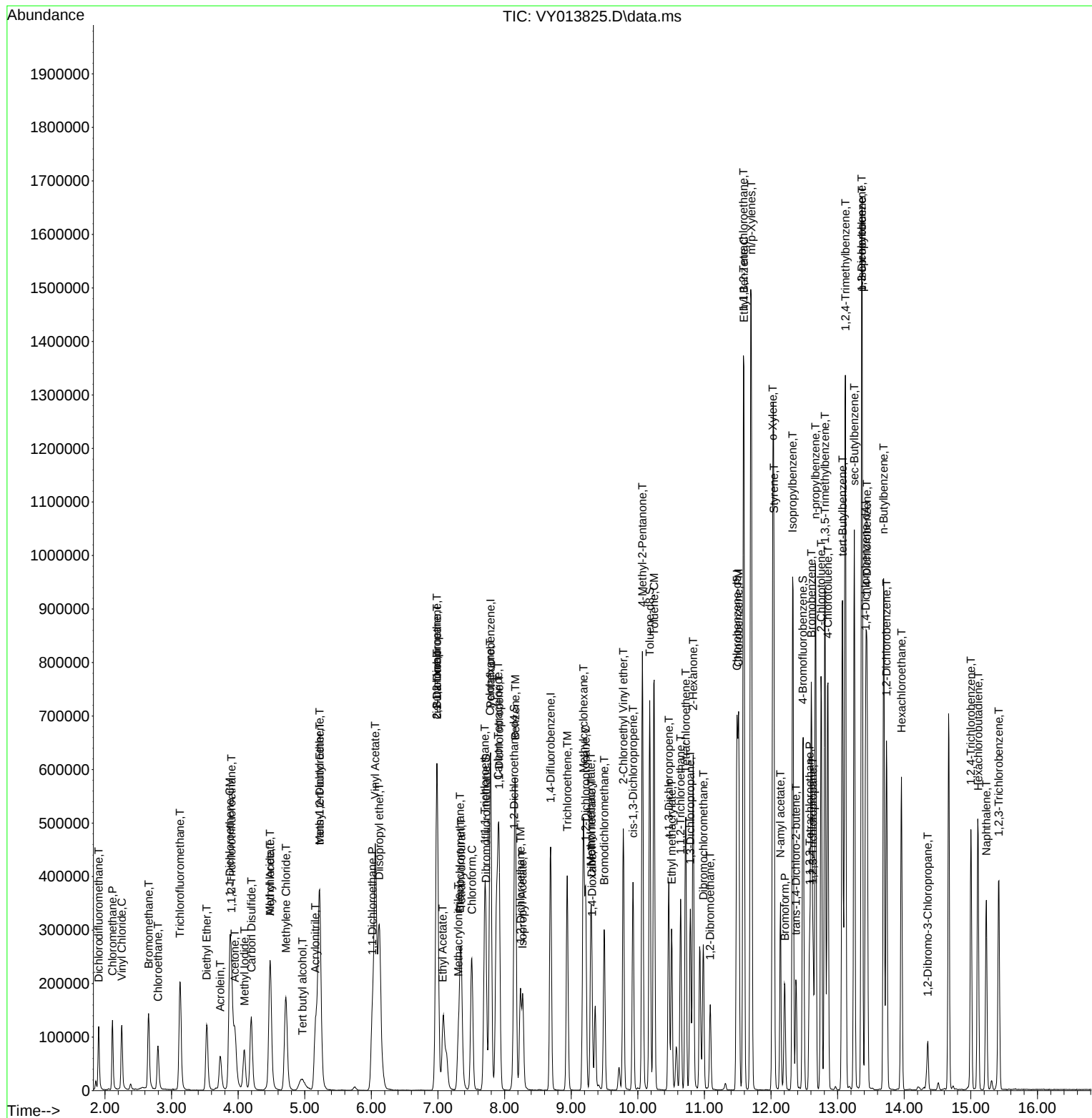
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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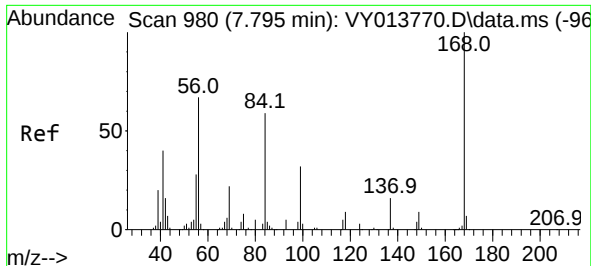
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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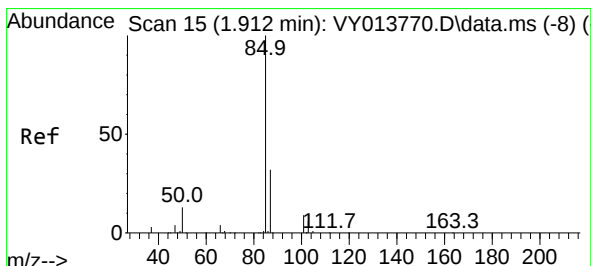
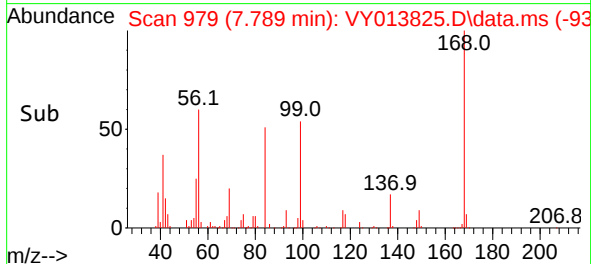
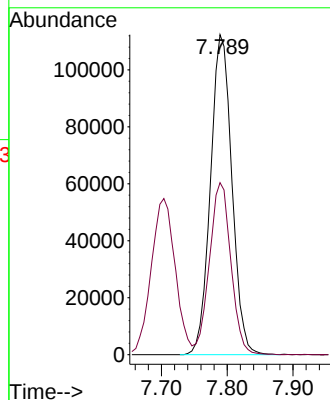
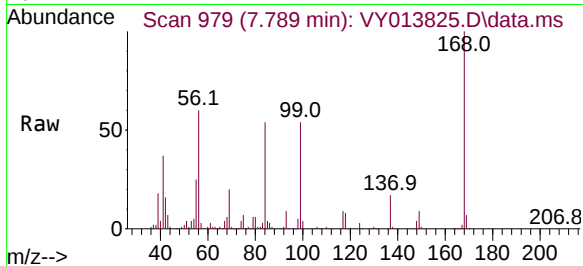




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
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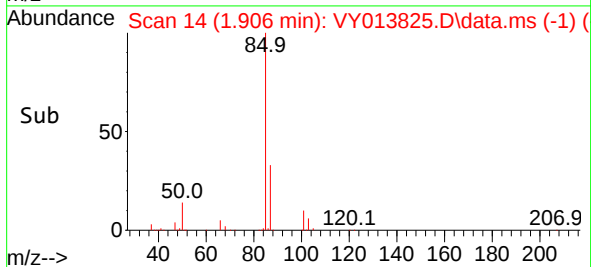
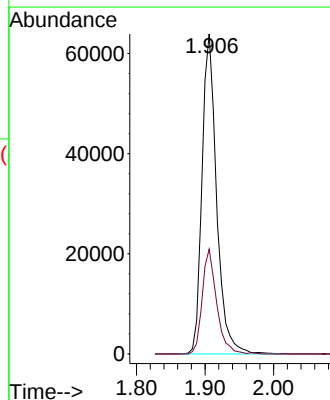
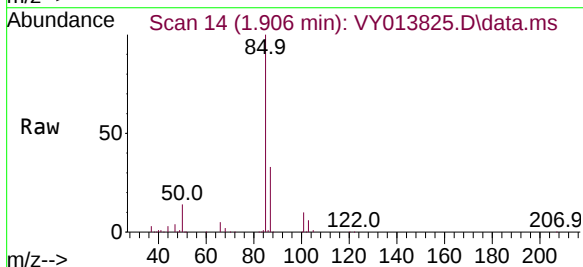
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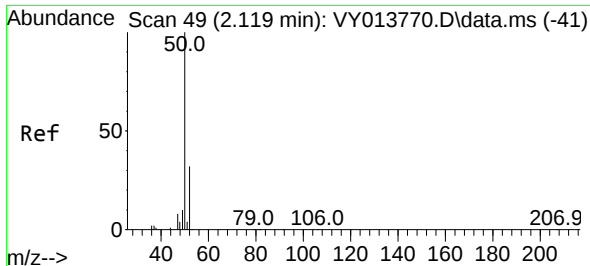
Tgt Ion:168 Resp: 254615
Ion Ratio Lower Upper
168 100
99 53.8 44.0 66.0



#2
Dichlorodifluoromethane
Concen: 51.839 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 85 Resp: 94767
Ion Ratio Lower Upper
85 100
87 32.8 16.1 48.2

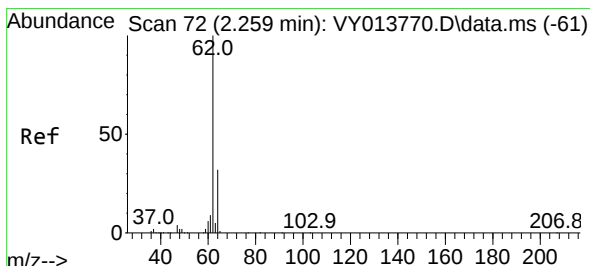
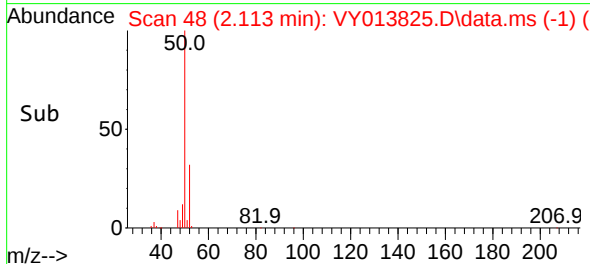
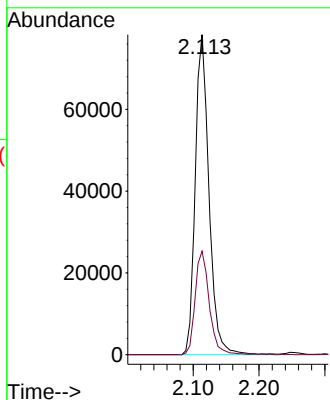
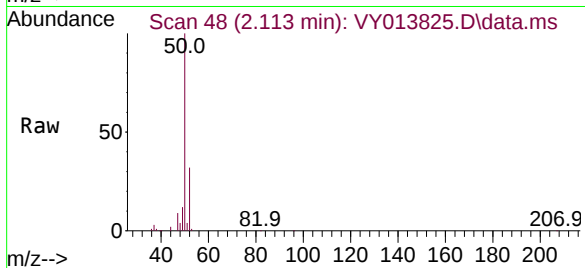




#3
Chloromethane
Concen: 40.802 ug/l
RT: 2.113 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

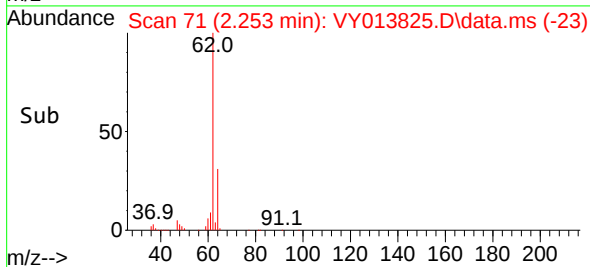
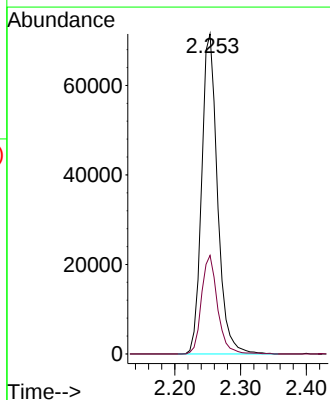
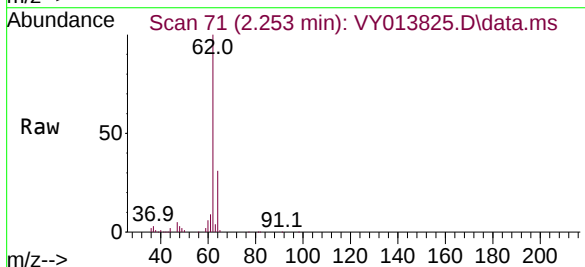
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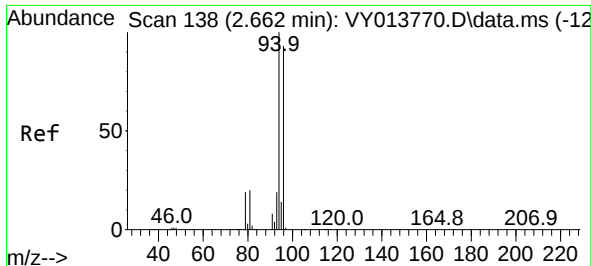
Tgt Ion: 50 Resp: 113082
Ion Ratio Lower Upper
50 100
52 32.4 26.0 39.0



#4
Vinyl Chloride
Concen: 43.280 ug/l
RT: 2.253 min Scan# 71
Delta R.T. -0.006 min
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Tgt Ion: 62 Resp: 119775
Ion Ratio Lower Upper
62 100
64 30.8 25.8 38.6

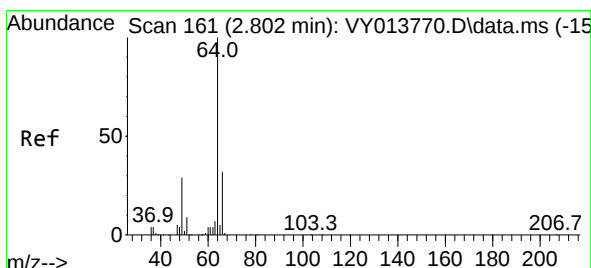
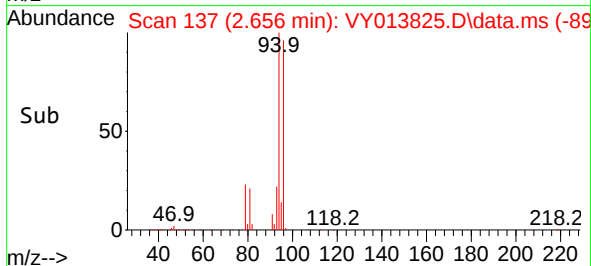
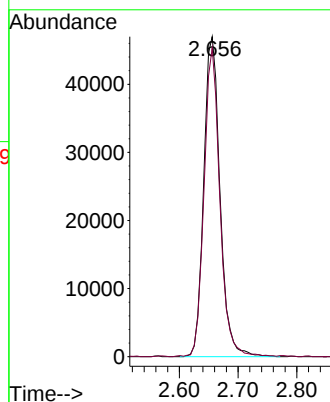
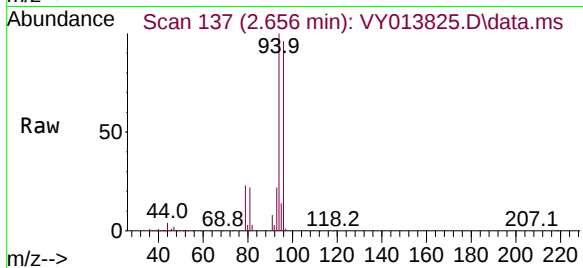




#5
Bromomethane
Concen: 36.866 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.006 min
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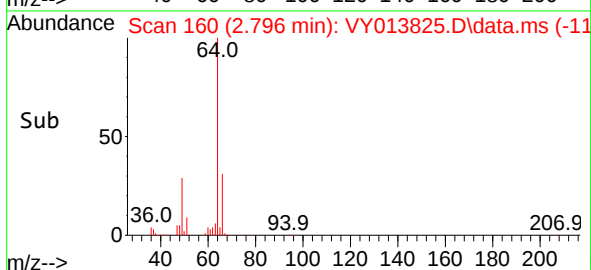
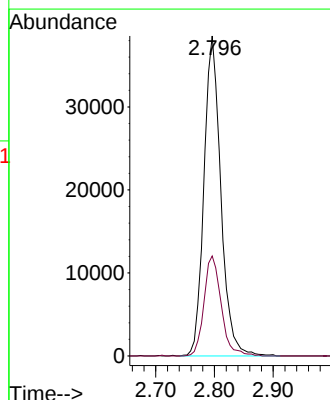
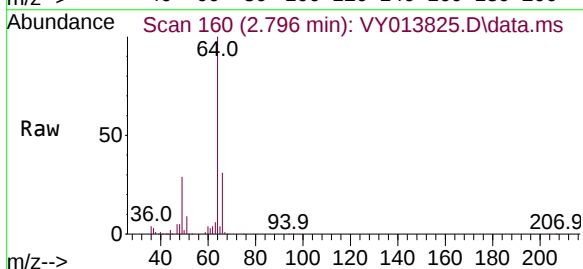
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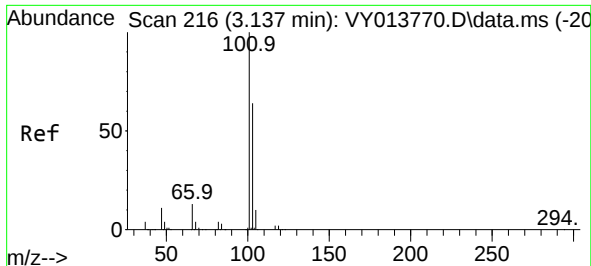
Tgt Ion: 94 Resp: 90470
Ion Ratio Lower Upper
94 100
96 96.1 74.2 111.4



#6
Chloroethane
Concen: 40.588 ug/l
RT: 2.796 min Scan# 160
Delta R.T. -0.006 min
Lab File: VY013825.D
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Tgt Ion: 64 Resp: 77207
Ion Ratio Lower Upper
64 100
66 31.2 25.8 38.6

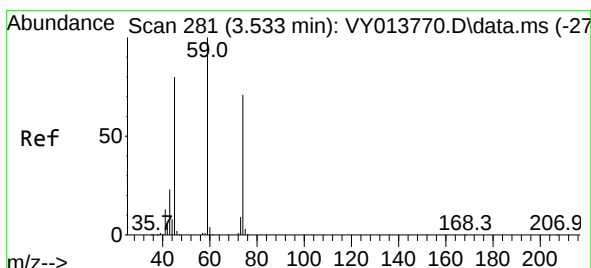
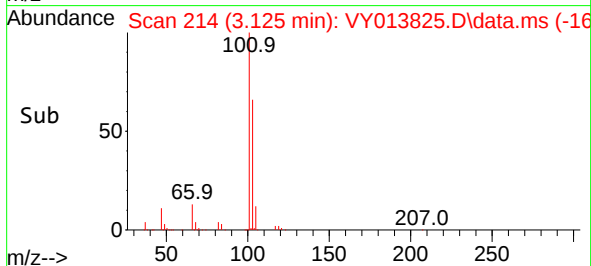
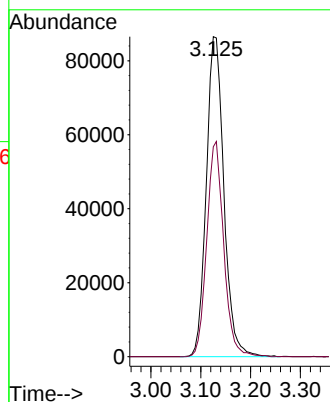
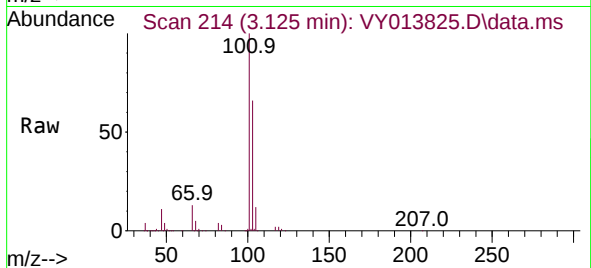




#7
 Trichlorofluoromethane
 Concen: 52.652 ug/l
 RT: 3.125 min Scan# 216
 Delta R.T. -0.012 min
 Lab File: VY013825.D
 Acq: 19 May 2023 16:51

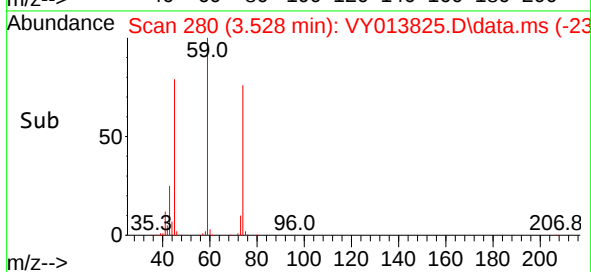
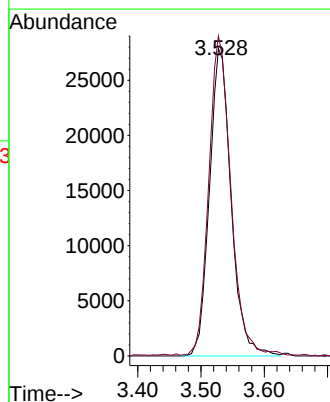
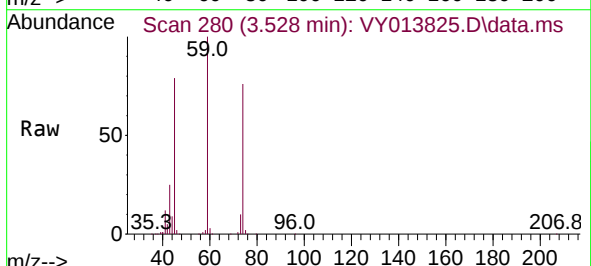
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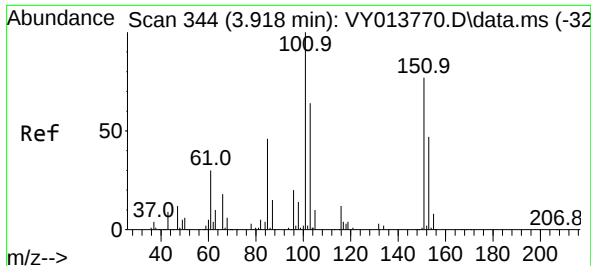
Tgt Ion:101 Resp: 212073
 Ion Ratio Lower Upper
 101 100
 103 65.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 49.136 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. -0.006 min
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Tgt Ion: 74 Resp: 66223
 Ion Ratio Lower Upper
 74 100
 45 105.6 56.1 168.3

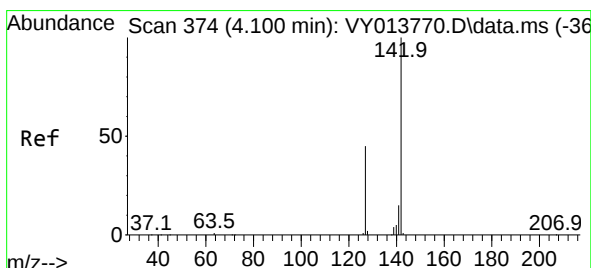
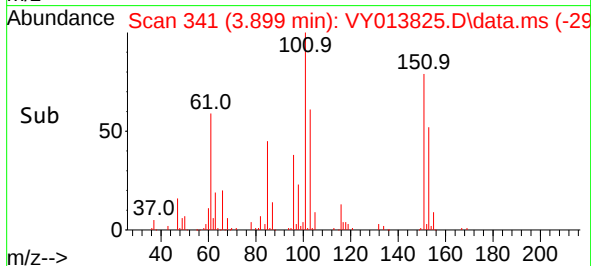
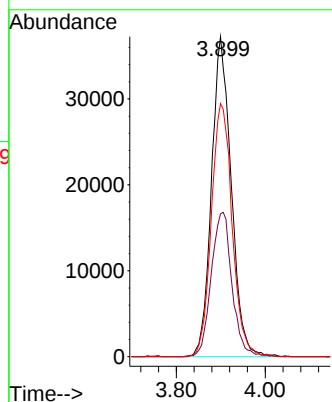
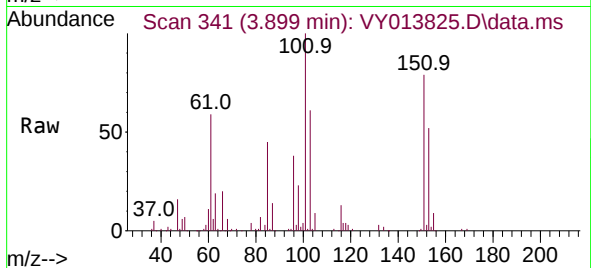




#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.678 ug/l
RT: 3.899 min Scan# 344
Delta R.T. -0.018 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

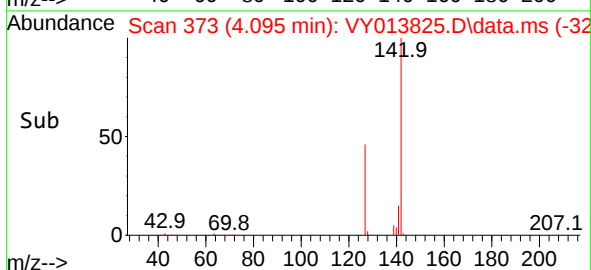
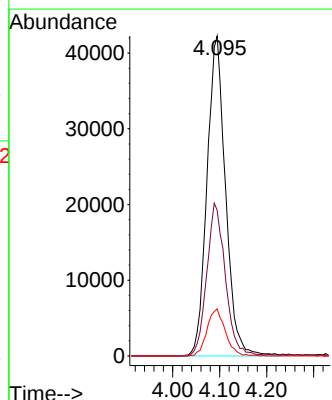
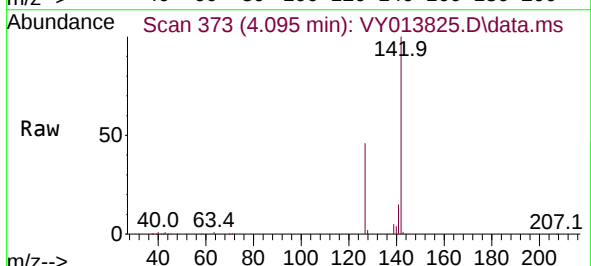
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

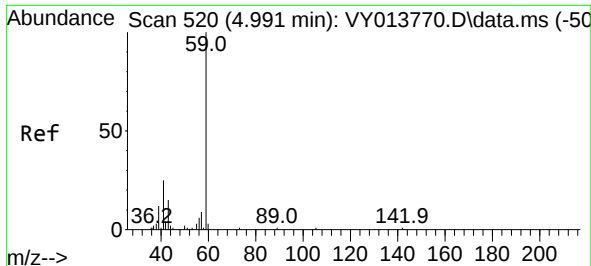
Tgt Ion:101 Resp: 114749
Ion Ratio Lower Upper
101 100
85 47.5 37.8 56.8
151 83.4 64.2 96.2



#10
Methyl Iodide
Concen: 44.651 ug/l
RT: 4.095 min Scan# 373
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion:142 Resp: 115639
Ion Ratio Lower Upper
142 100
127 47.8 35.4 53.2
141 14.5 11.5 17.3

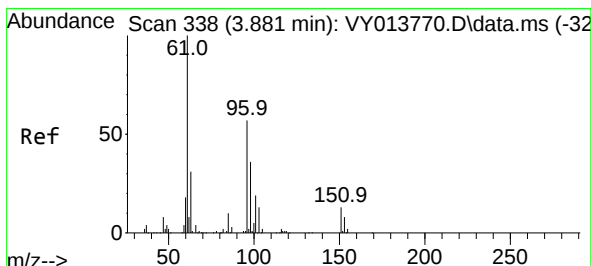
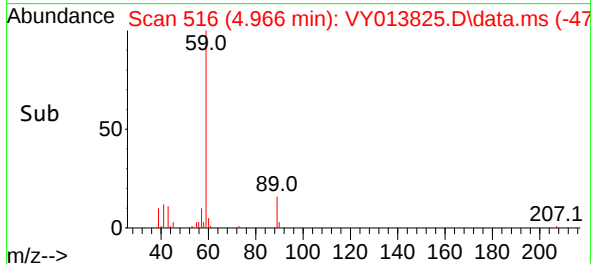
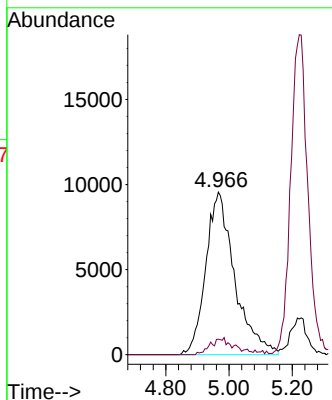
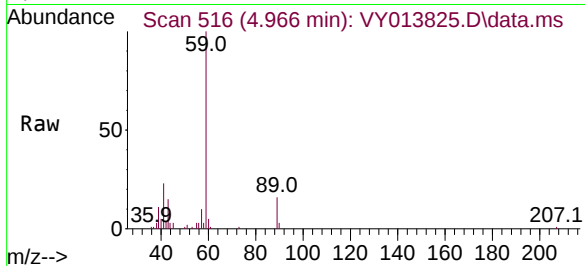




#11
Tert butyl alcohol
Concen: 252.644 ug/l
RT: 4.966 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

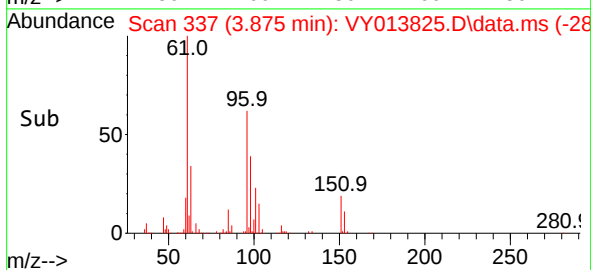
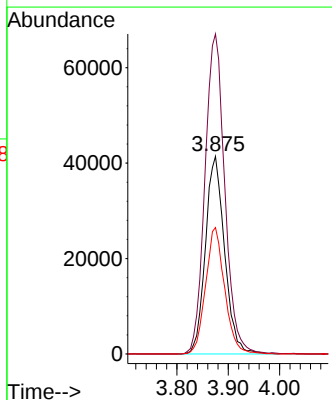
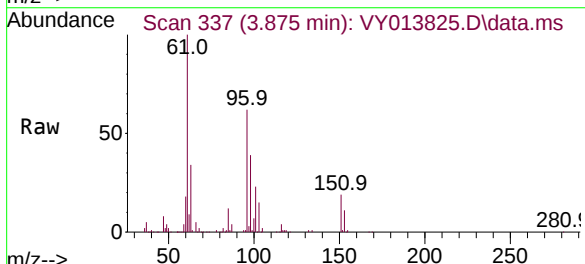
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

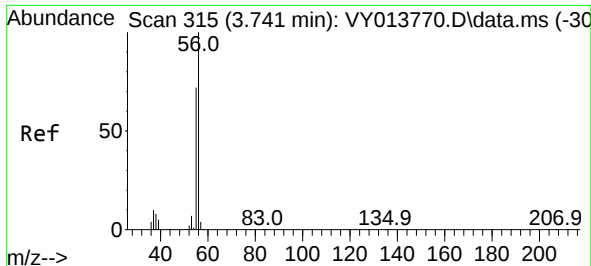
Tgt Ion: 59 Resp: 60536
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#12
1,1-Dichloroethene
Concen: 50.278 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 96 Resp: 107429
Ion Ratio Lower Upper
96 100
61 161.9 139.8 209.6
98 63.9 49.7 74.5

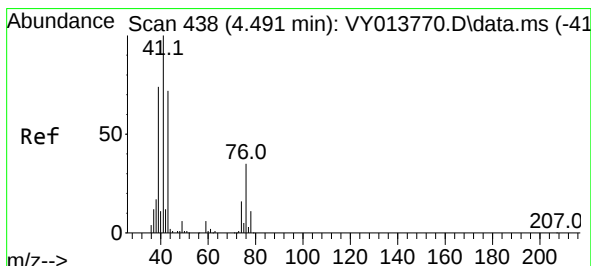
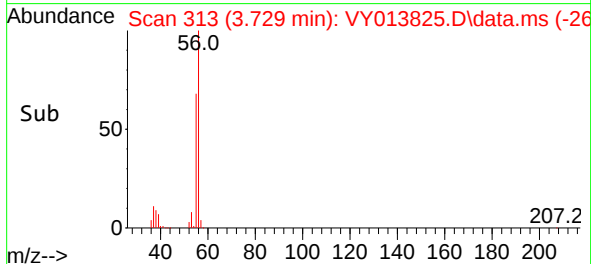
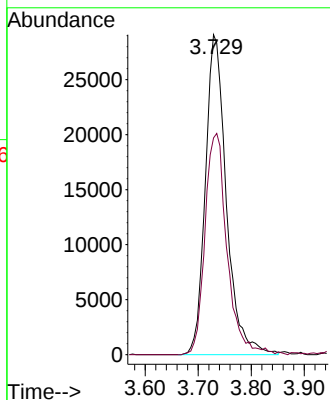
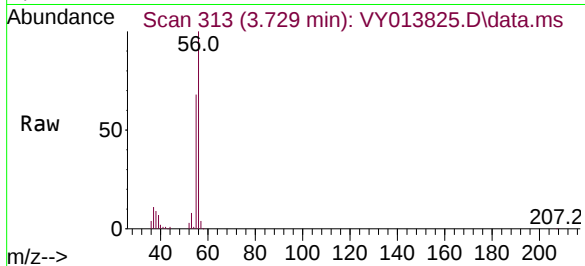




#13
Acrolein
Concen: 186.730 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

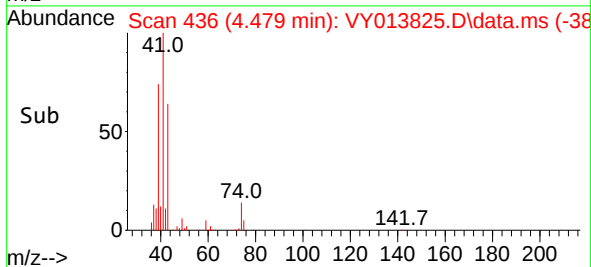
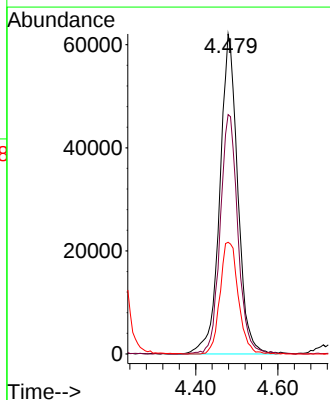
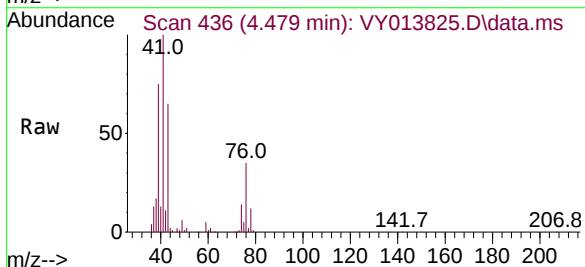
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

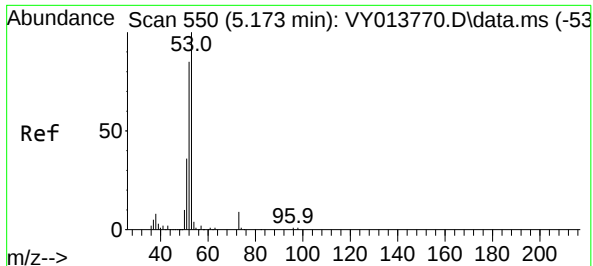
Tgt Ion: 56 Resp: 79930
Ion Ratio Lower Upper
56 100
55 72.5 57.5 86.3



#14
Allyl chloride
Concen: 44.659 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 41 Resp: 187971
Ion Ratio Lower Upper
41 100
39 73.6 55.8 83.6
76 35.6 26.2 39.2

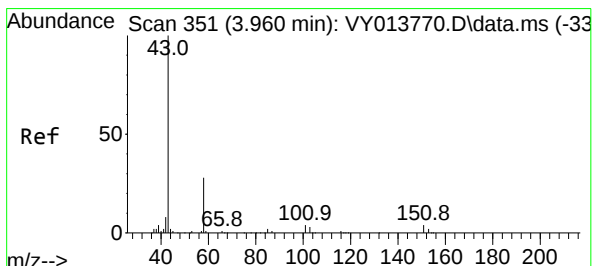
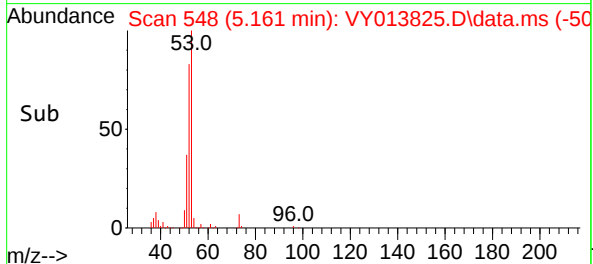
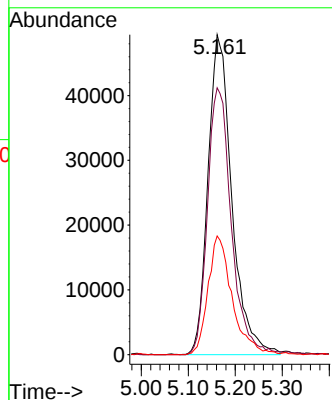
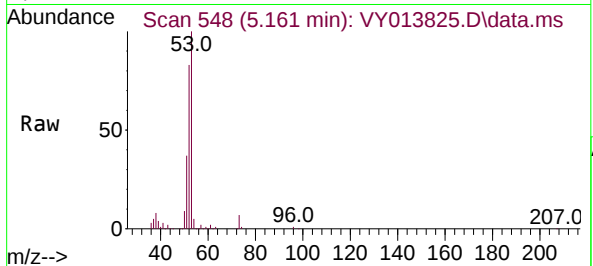




#15
Acrylonitrile
Concen: 219.972 ug/l
RT: 5.161 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

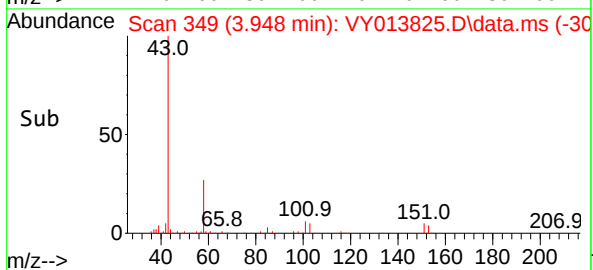
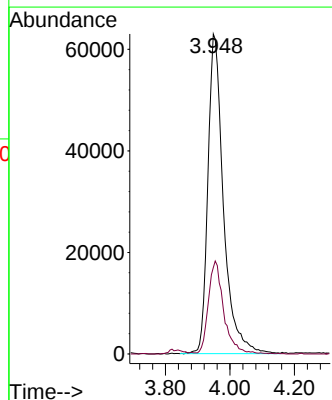
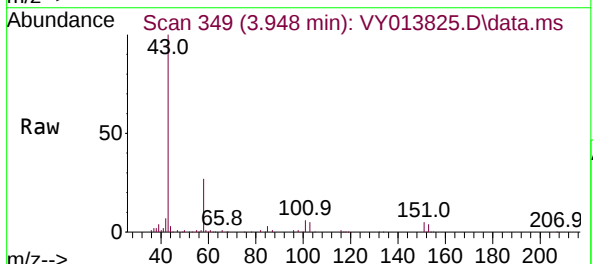
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

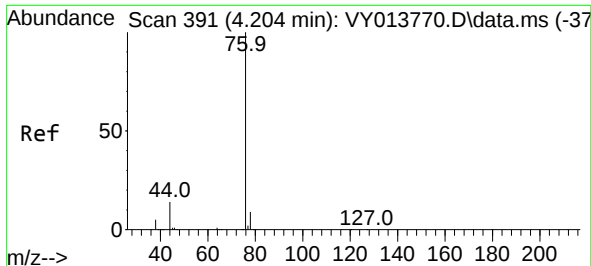
Tgt Ion: 53 Resp: 173861
Ion Ratio Lower Upper
53 100
52 84.0 66.5 99.7
51 37.7 30.1 45.1



#16
Acetone
Concen: 236.080 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.012 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 43 Resp: 210672
Ion Ratio Lower Upper
43 100
58 26.9 23.7 35.5

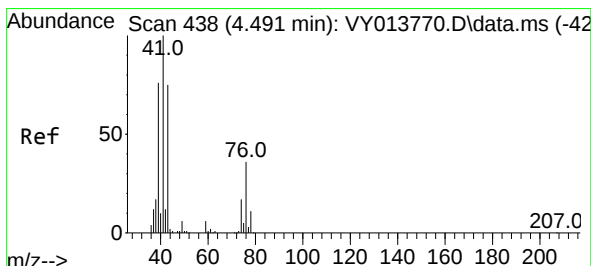
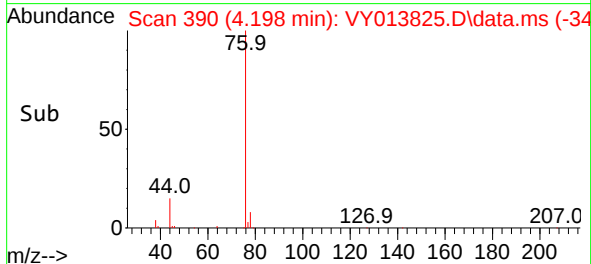
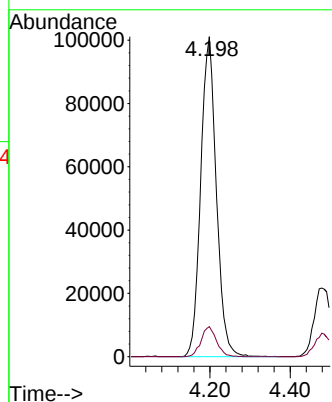
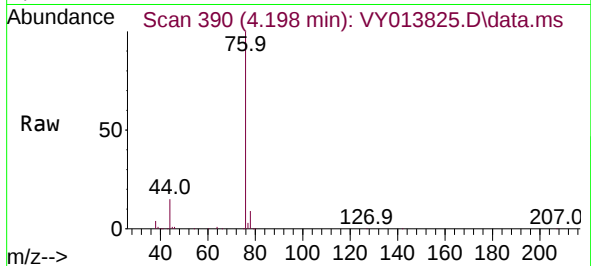




#17
Carbon Disulfide
Concen: 44.420 ug/l
RT: 4.198 min Scan# 391
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

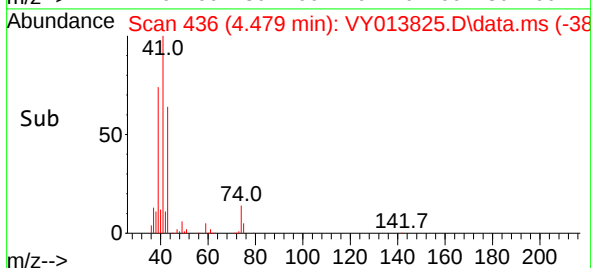
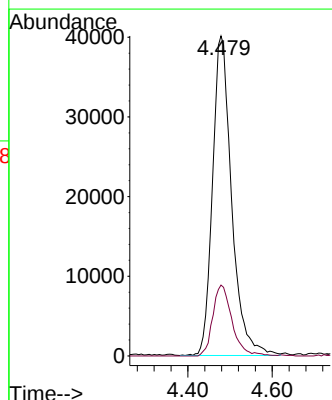
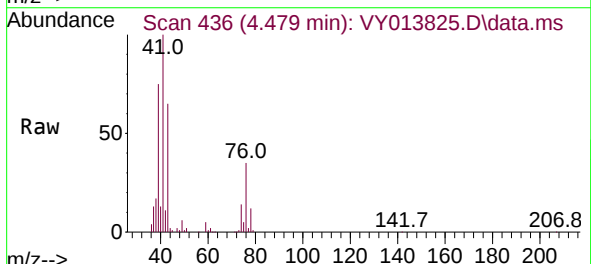
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

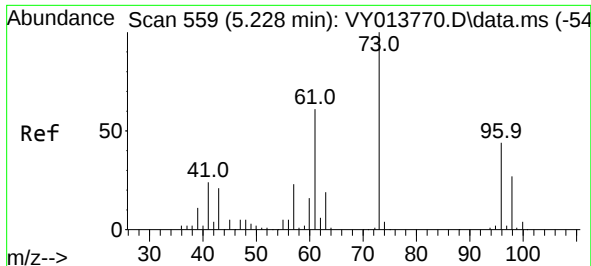
Tgt Ion: 76 Resp: 272731
Ion Ratio Lower Upper
76 100
78 9.4 7.5 11.3



#18
Methyl Acetate
Concen: 40.564 ug/l
RT: 4.479 min Scan# 436
Delta R.T. -0.012 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 43 Resp: 126200
Ion Ratio Lower Upper
43 100
74 22.4 16.6 25.0

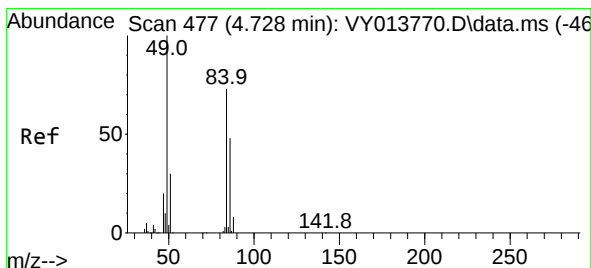
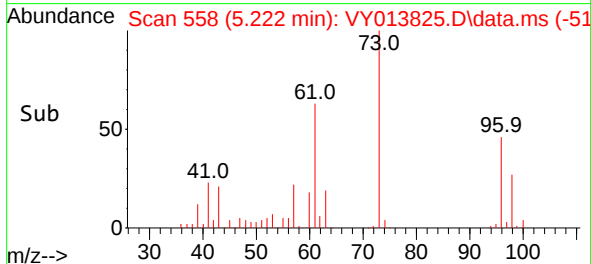
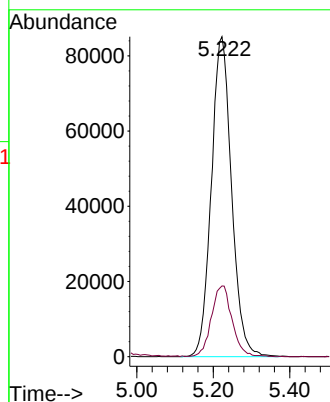
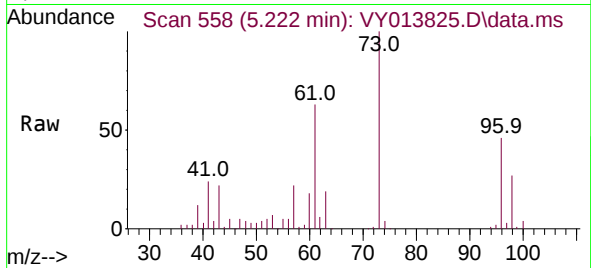




#19
Methyl tert-butyl Ether
Concen: 48.215 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

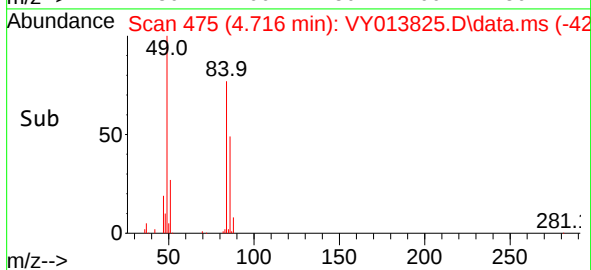
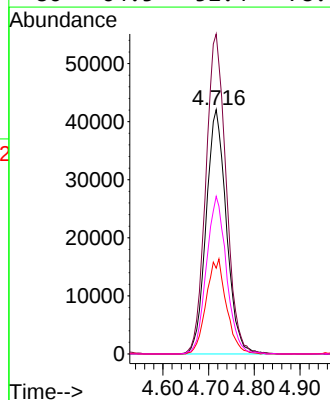
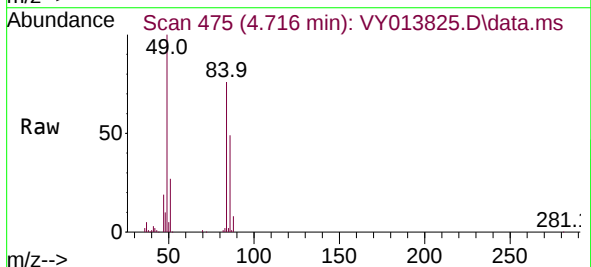
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

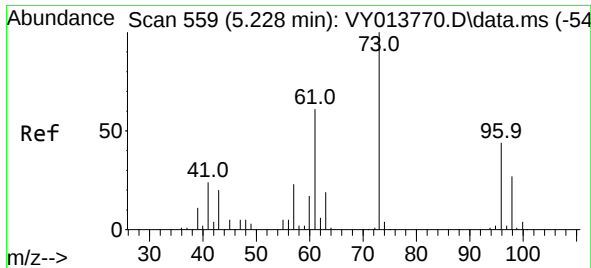
Tgt Ion: 73 Resp: 312553
Ion Ratio Lower Upper
73 100
57 22.0 18.6 27.8



#20
Methylene Chloride
Concen: 47.961 ug/l
RT: 4.716 min Scan# 475
Delta R.T. -0.012 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 84 Resp: 129703
Ion Ratio Lower Upper
84 100
49 131.0 109.4 164.0
51 35.1 32.8 49.2
86 64.5 52.4 78.6





#21

trans-1,2-Dichloroethene

Concen: 48.185 ug/l

RT: 5.222 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

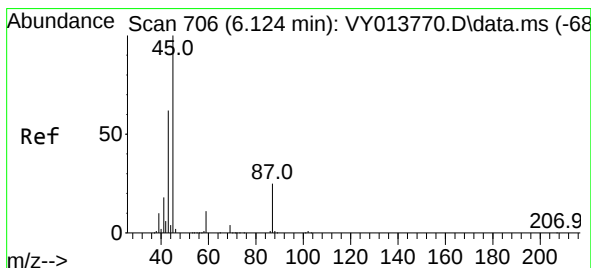
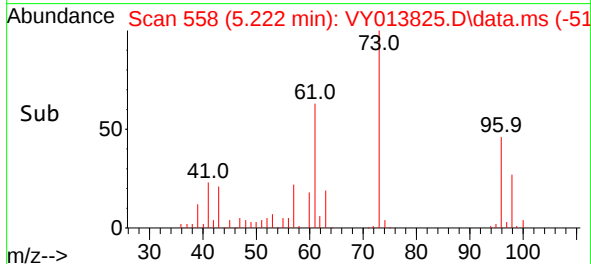
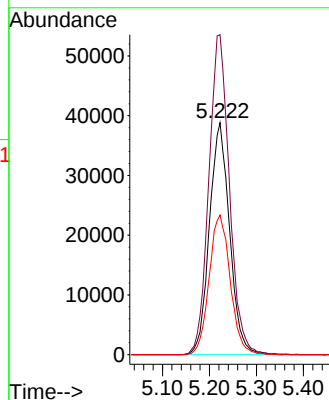
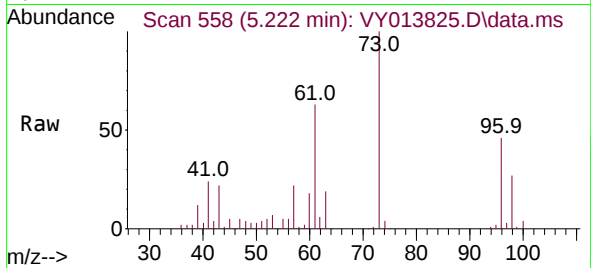
Tgt Ion: 96 Resp: 115929

Ion Ratio Lower Upper

96 100

61 138.0 110.8 166.2

98 60.2 48.6 72.8



#22

Diisopropyl ether

Concen: 45.508 ug/l

RT: 6.119 min Scan# 705

Delta R.T. -0.006 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Tgt Ion: 45 Resp: 407435

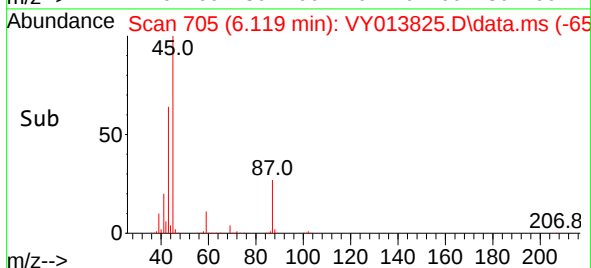
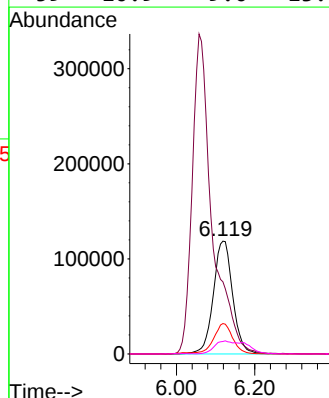
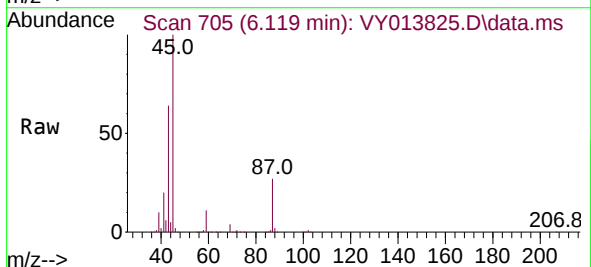
Ion Ratio Lower Upper

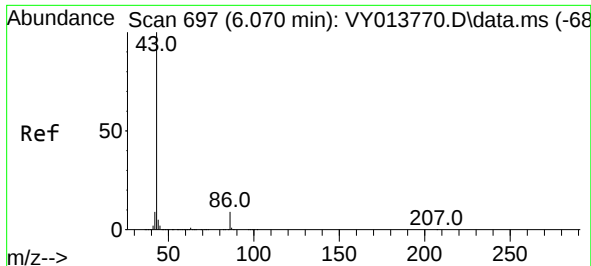
45 100

43 63.6 49.7 74.5

87 26.9 19.9 29.9

59 10.9 9.0 13.4

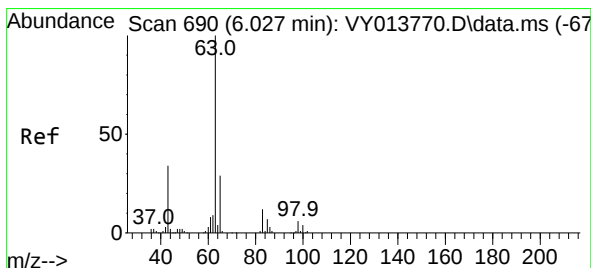
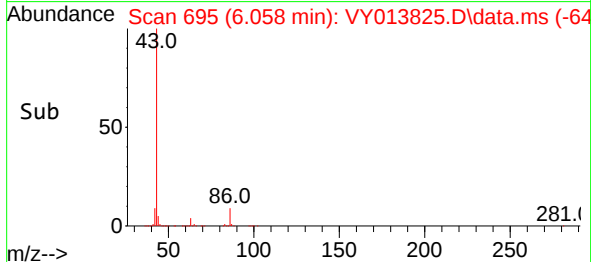
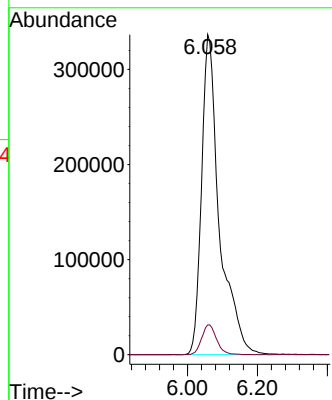
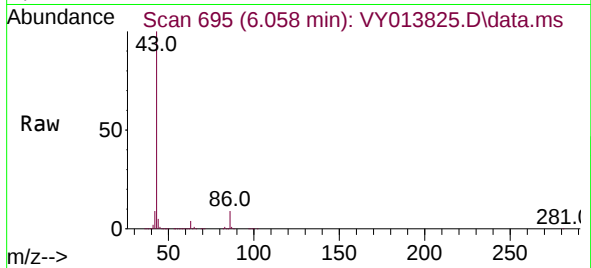




#23
 Vinyl Acetate
 Concen: 229.639 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. -0.012 min
 Lab File: VY013825.D
 Acq: 19 May 2023 16:51

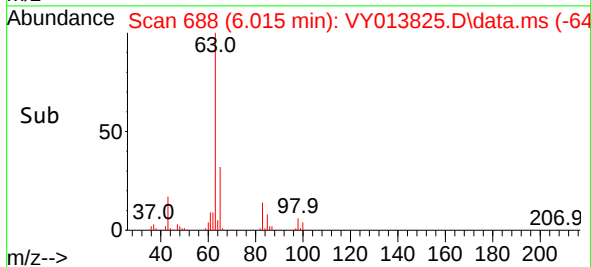
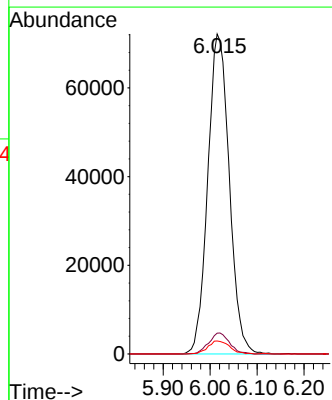
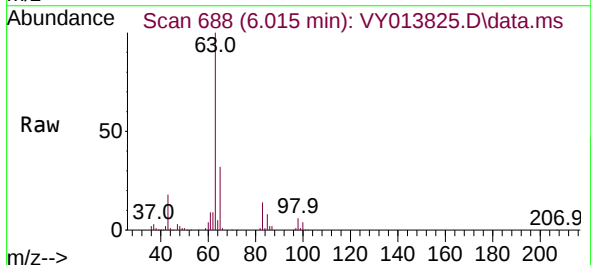
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

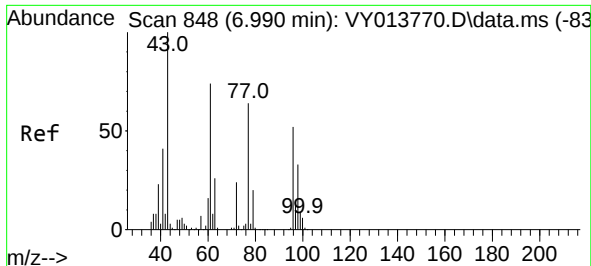
Tgt Ion: 43 Resp: 1189729
 Ion Ratio Lower Upper
 43 100
 86 9.3 7.0 10.4



#24
 1,1-Dichloroethane
 Concen: 46.783 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.012 min
 Lab File: VY013825.D
 Acq: 19 May 2023 16:51

Tgt Ion: 63 Resp: 228970
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.0
 100 4.0 2.0 6.0

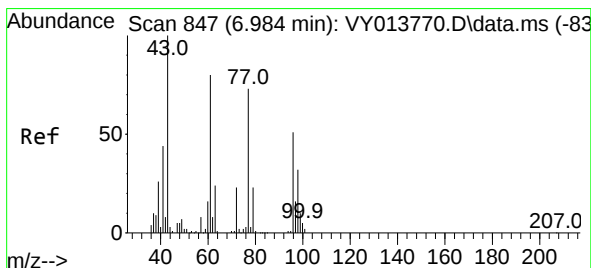
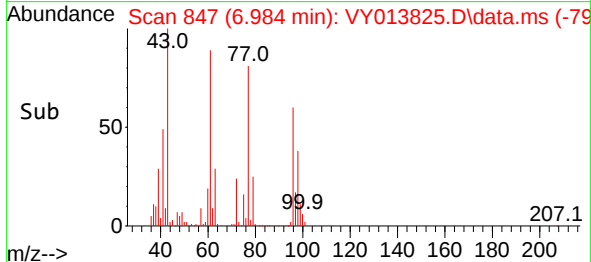
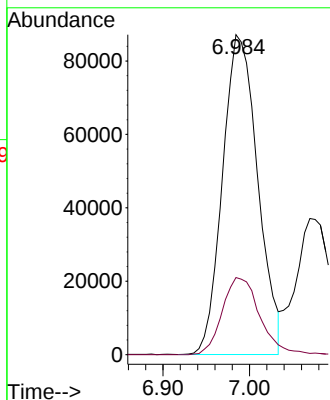
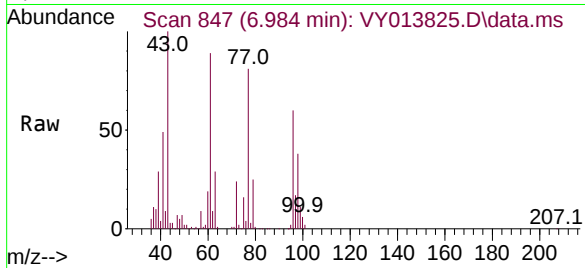




#25
2-Butanone
Concen: 212.071 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

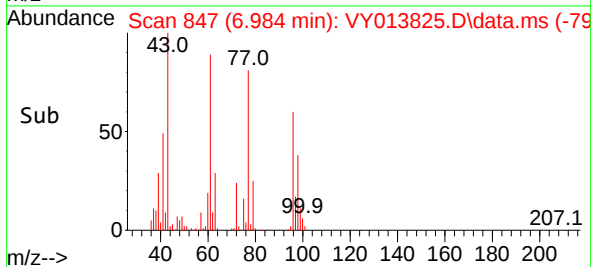
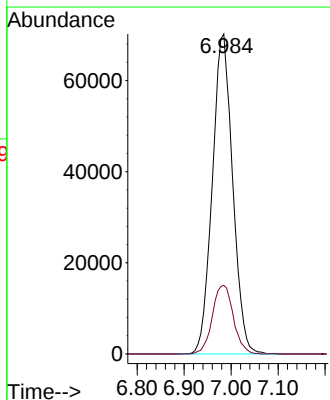
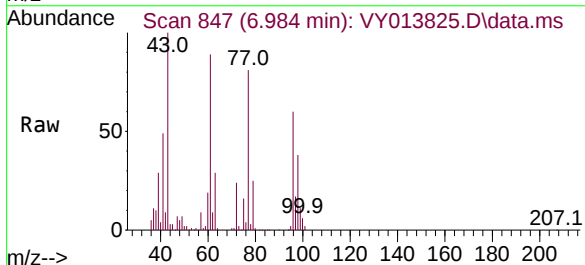
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

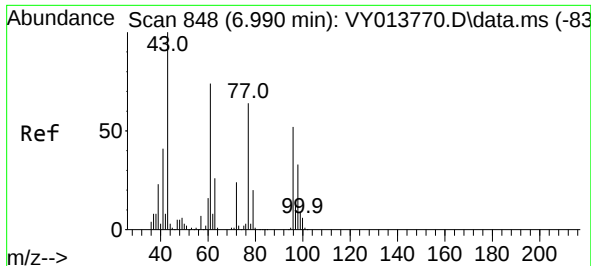
Tgt Ion: 43 Resp: 246011
Ion Ratio Lower Upper
43 100
72 24.1 19.0 28.6



#26
2,2-Dichloropropane
Concen: 50.442 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 77 Resp: 210881
Ion Ratio Lower Upper
77 100
97 22.2 11.3 33.8

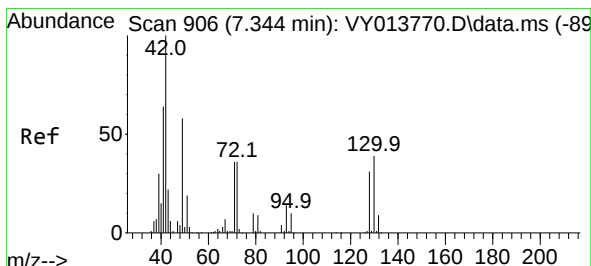
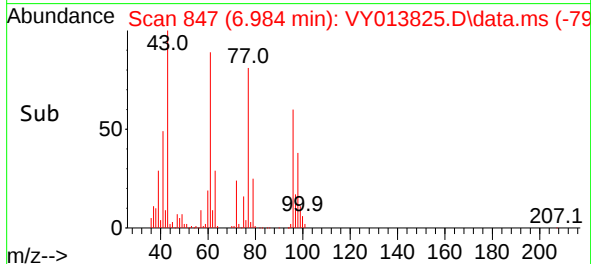
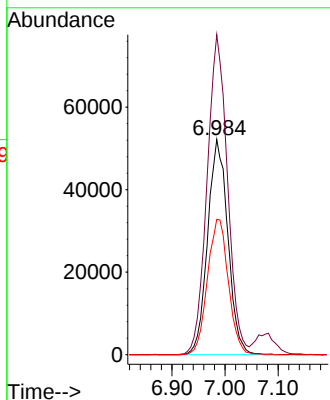
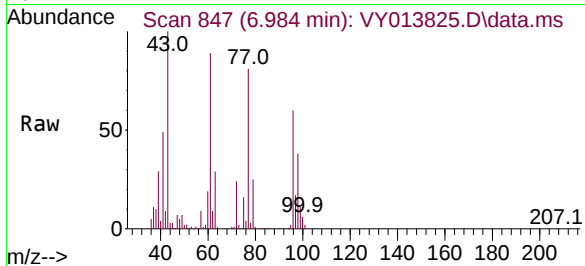




#27
 cis-1,2-Dichloroethene
 Concen: 48.796 ug/l
 RT: 6.984 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY013825.D
 Acq: 19 May 2023 16:51

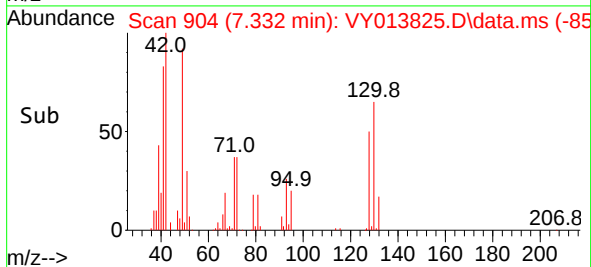
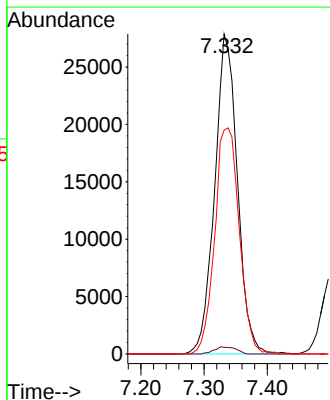
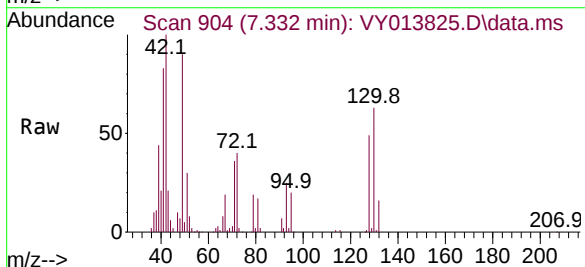
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

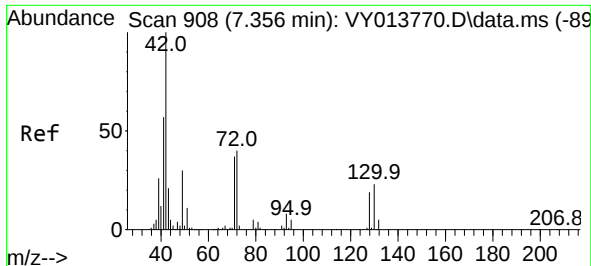
Tgt Ion: 96 Resp: 138334
 Ion Ratio Lower Upper
 96 100
 61 150.2 0.0 300.6
 98 65.0 0.0 127.8



#28
 Bromochloromethane
 Concen: 40.474 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.012 min
 Lab File: VY013825.D
 Acq: 19 May 2023 16:51

Tgt Ion: 49 Resp: 69310
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 76.3 54.4 81.6





#29

Tetrahydrofuran

Concen: 210.838 ug/l

RT: 7.350 min Scan# 908

Delta R.T. -0.006 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

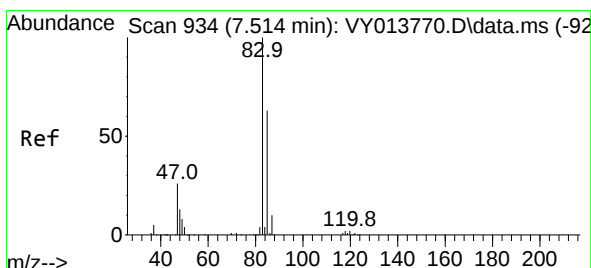
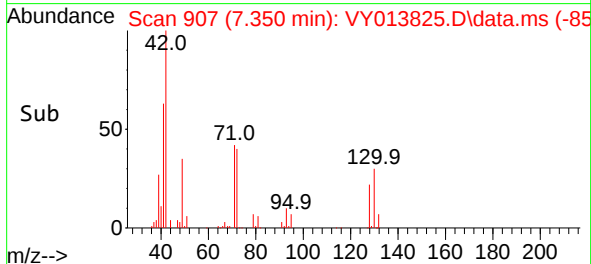
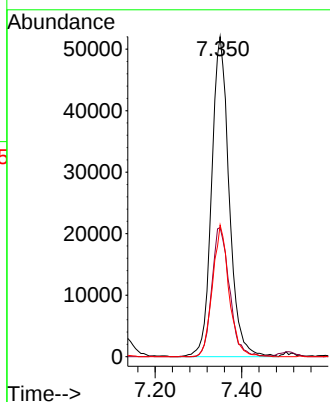
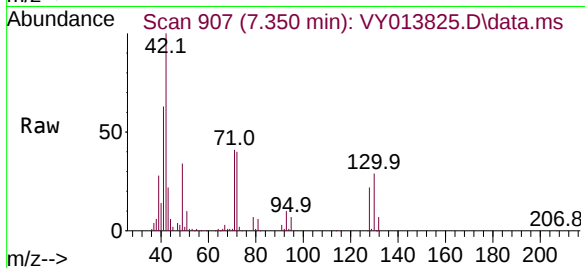
Tgt Ion: 42 Resp: 146344

Ion Ratio Lower Upper

42 100

72 40.8 30.7 46.1

71 38.8 29.0 43.6



#30

Chloroform

Concen: 48.952 ug/l

RT: 7.509 min Scan# 933

Delta R.T. -0.006 min

Lab File: VY013825.D

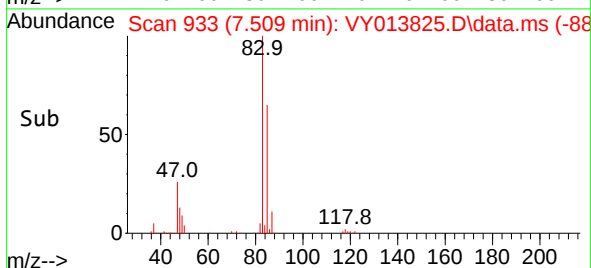
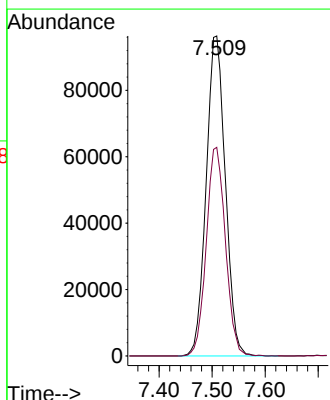
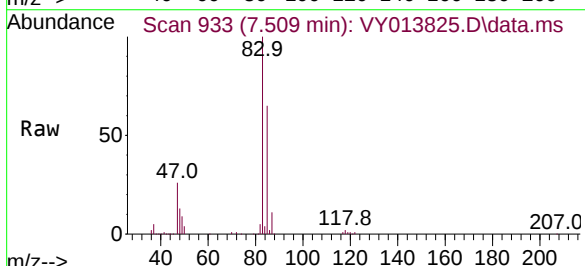
Acq: 19 May 2023 16:51

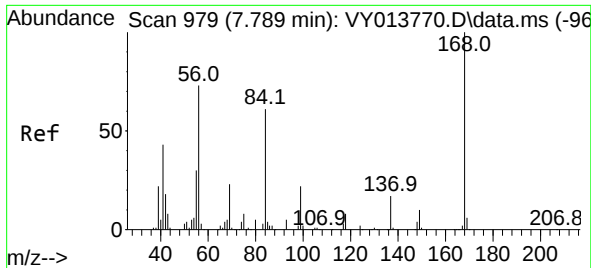
Tgt Ion: 83 Resp: 241430

Ion Ratio Lower Upper

83 100

85 65.2 50.5 75.7

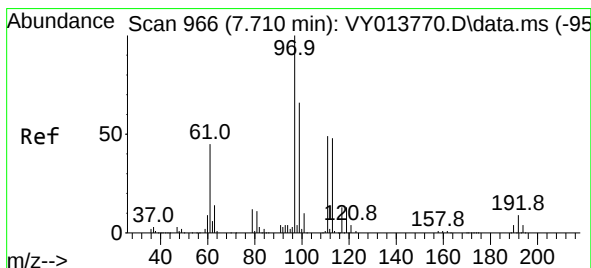
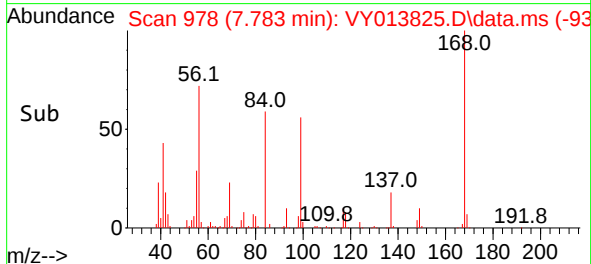
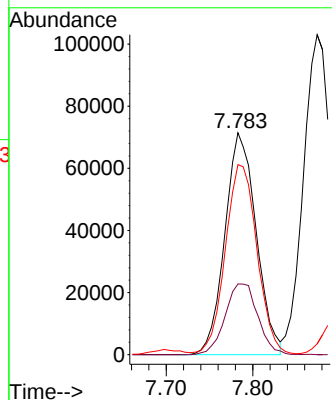
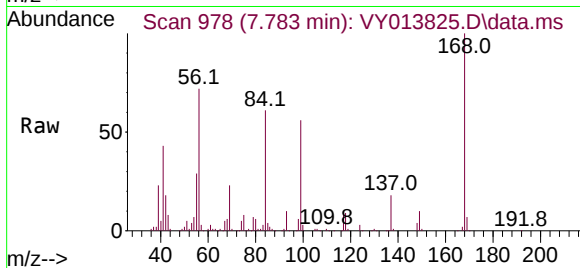




#31
Cyclohexane
Concen: 42.325 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

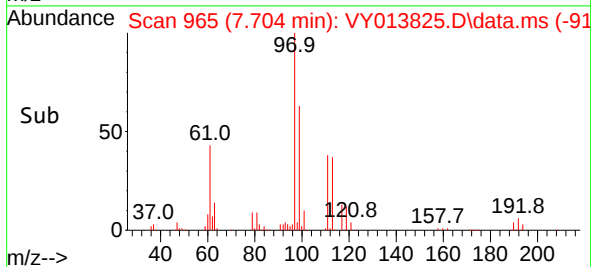
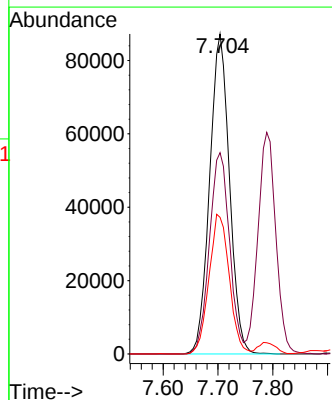
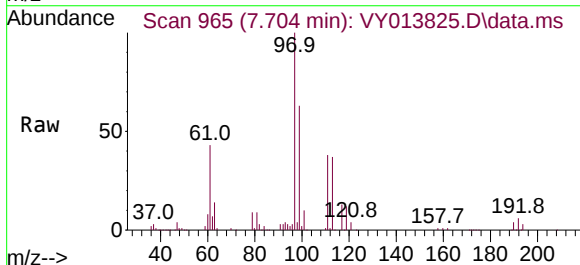
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

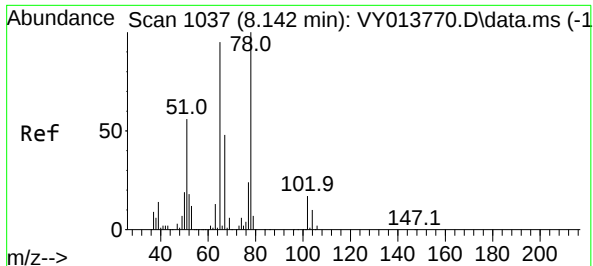
Tgt Ion: 56 Resp: 179488
Ion Ratio Lower Upper
56 100
69 31.9 25.8 38.6
84 84.0 65.8 98.6



#32
1,1,1-Trichloroethane
Concen: 51.886 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 97 Resp: 218439
Ion Ratio Lower Upper
97 100
99 63.9 51.7 77.5
61 44.7 36.6 54.8





#33

1,2-Dichloroethane-d4

Concen: 47.732 ug/l

RT: 8.143 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

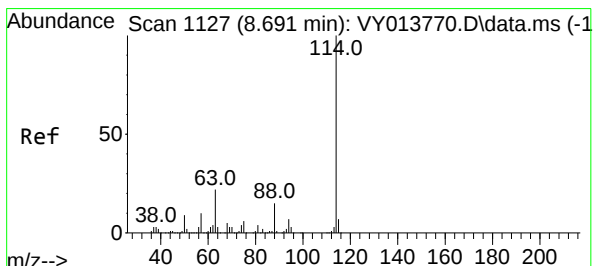
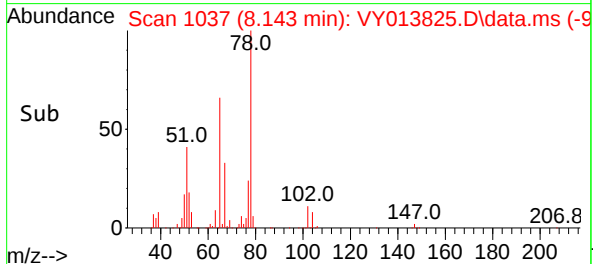
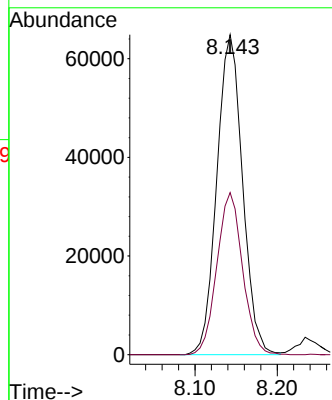
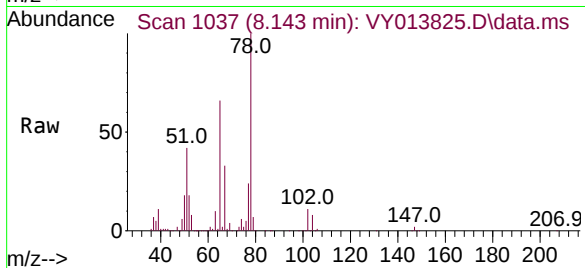
VSTDCCC050EC

Tgt Ion: 65 Resp: 141182

Ion Ratio Lower Upper

65 100

67 50.5 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

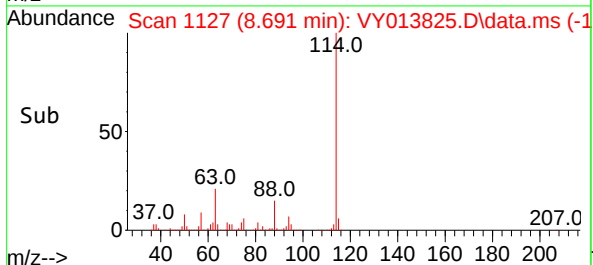
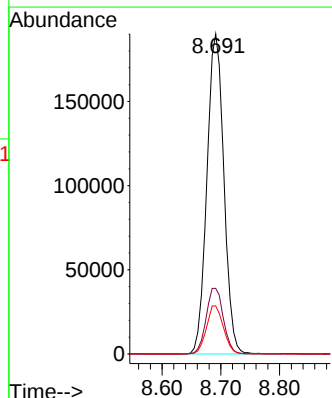
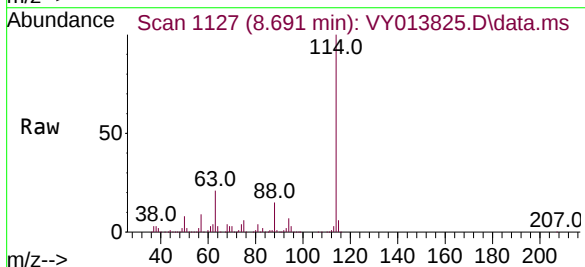
Tgt Ion: 114 Resp: 380803

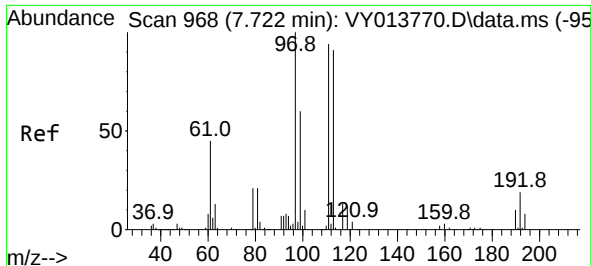
Ion Ratio Lower Upper

114 100

63 20.5 0.0 43.8

88 15.0 0.0 30.8

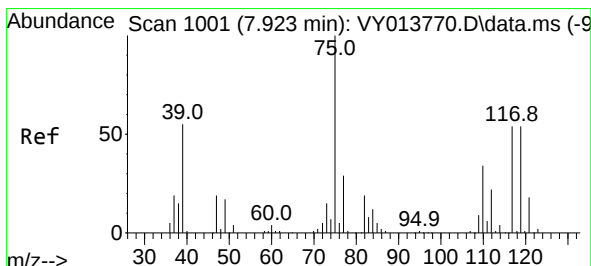
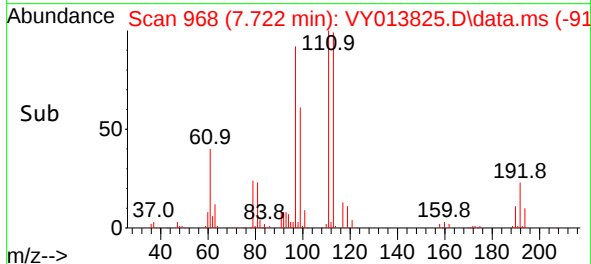
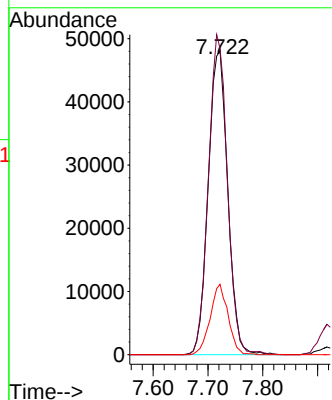
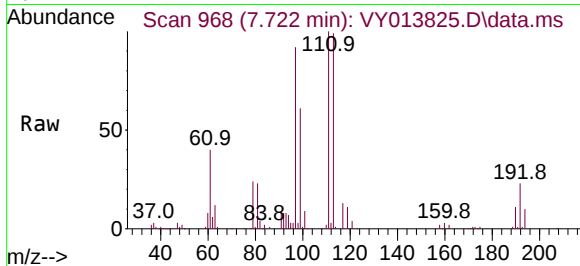




#35
Dibromofluoromethane
Concen: 48.694 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

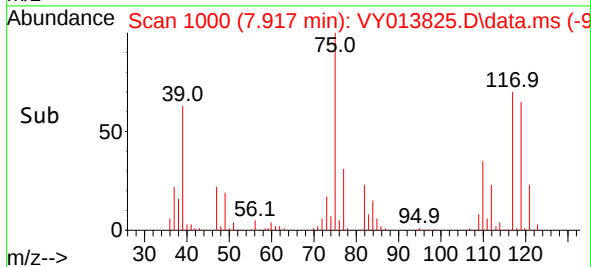
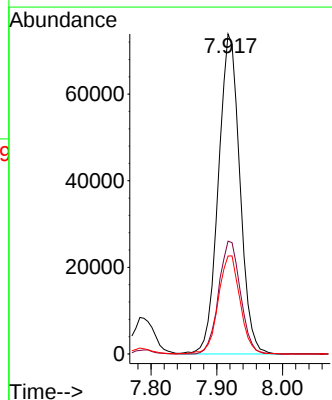
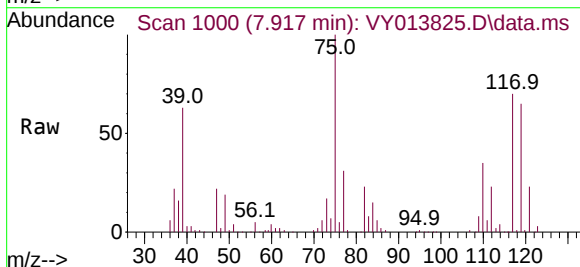
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

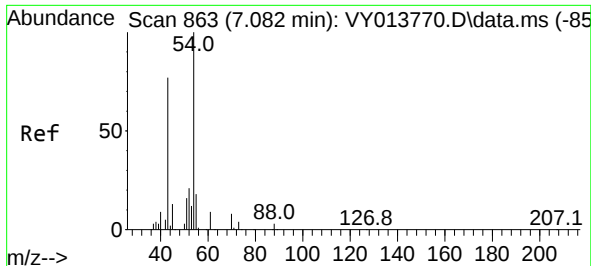
Tgt Ion:113 Resp: 118908
Ion Ratio Lower Upper
113 100
111 102.1 82.3 123.5
192 21.3 16.0 24.0



#36
1,1-Dichloropropene
Concen: 49.798 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 75 Resp: 168019
Ion Ratio Lower Upper
75 100
110 35.7 17.3 51.7
77 31.2 24.6 36.8





#37

Ethyl Acetate

Concen: 45.447 ug/l

RT: 7.070 min Scan# 8

Delta R.T. -0.012 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

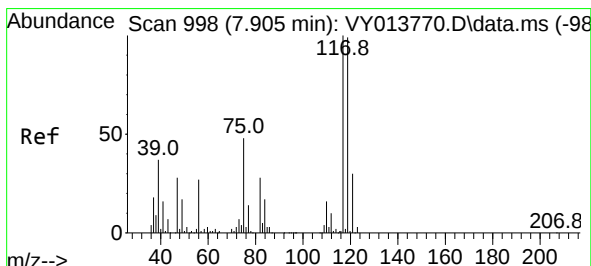
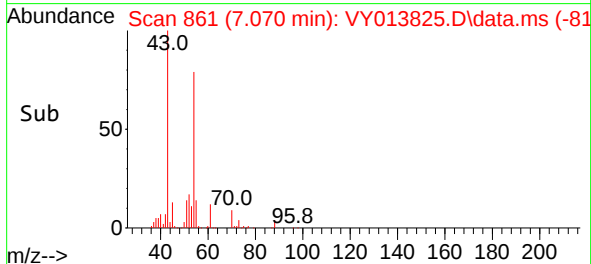
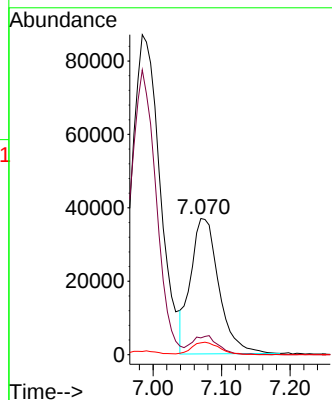
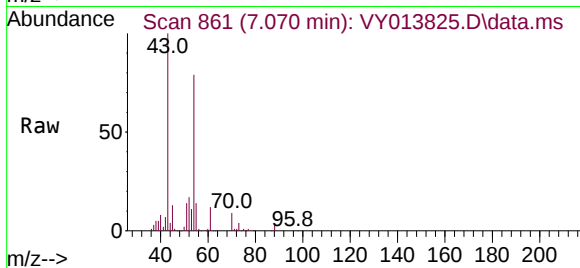
Tgt Ion: 43 Resp: 105476

Ion Ratio Lower Upper

43 100

61 13.0 10.7 16.1

70 9.1 7.0 10.6



#38

Carbon Tetrachloride

Concen: 56.255 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

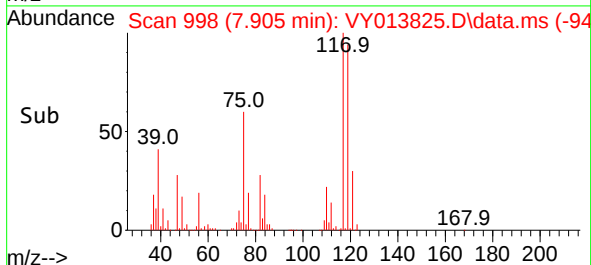
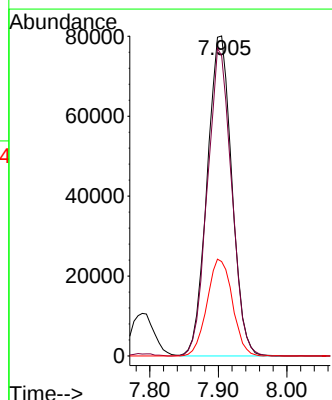
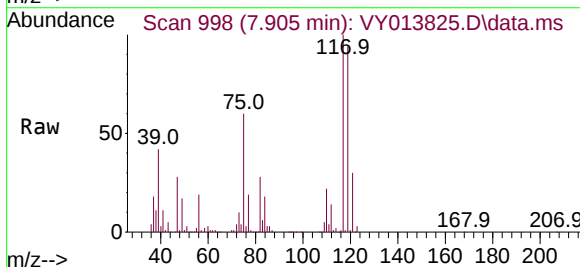
Tgt Ion: 117 Resp: 200231

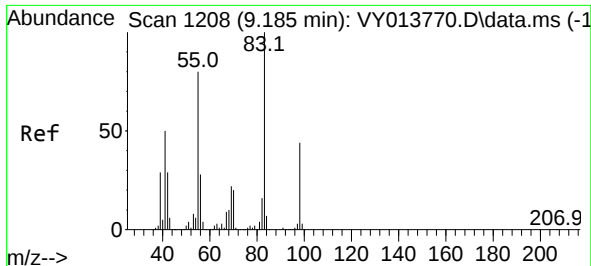
Ion Ratio Lower Upper

117 100

119 93.8 79.0 118.6

121 29.5 24.1 36.1





#39

Methylcyclohexane

Concen: 50.299 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

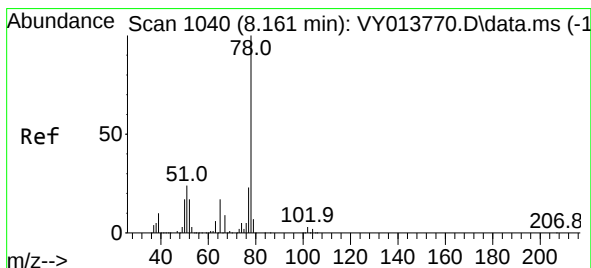
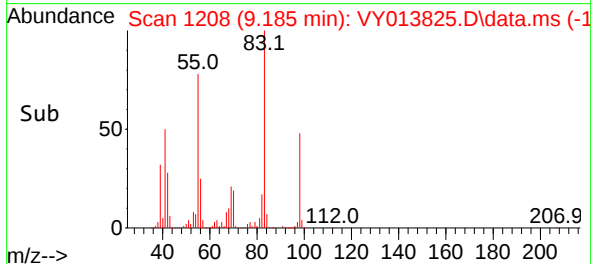
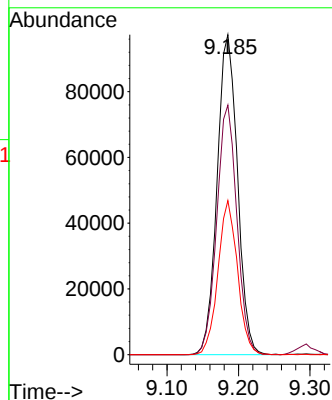
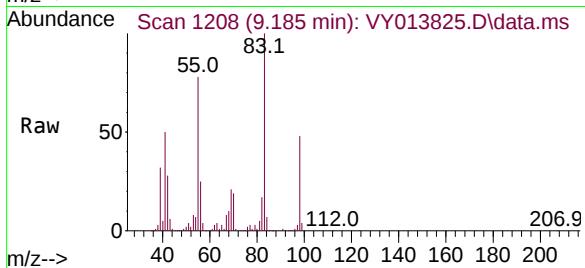
Tgt Ion: 83 Resp: 192890

Ion Ratio Lower Upper

83 100

55 78.0 63.7 95.5

98 48.2 35.0 52.6



#40

Benzene

Concen: 50.299 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY013825.D

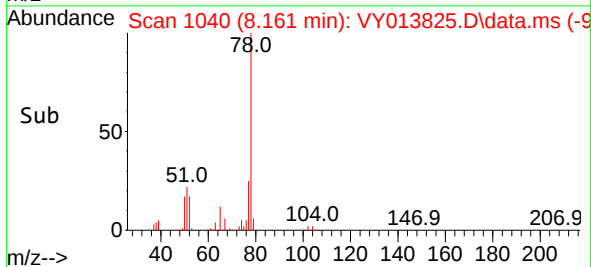
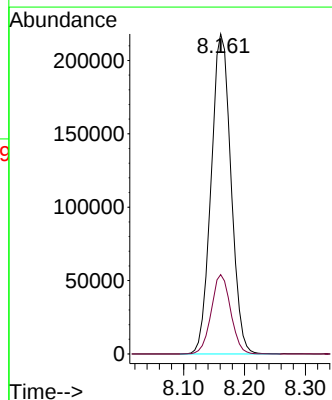
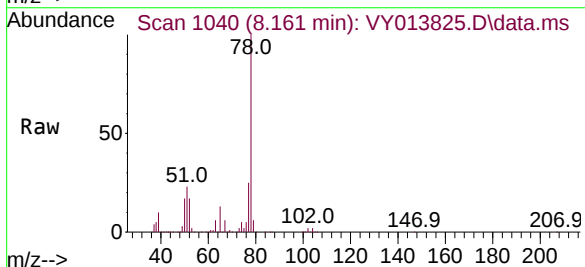
Acq: 19 May 2023 16:51

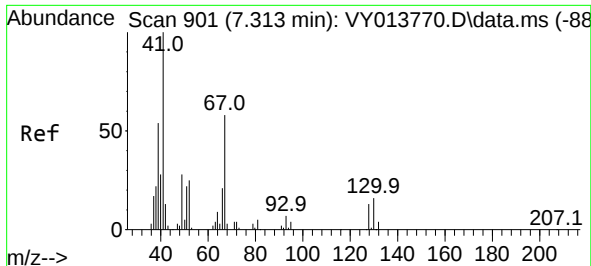
Tgt Ion: 78 Resp: 493176

Ion Ratio Lower Upper

78 100

77 24.8 18.6 27.8

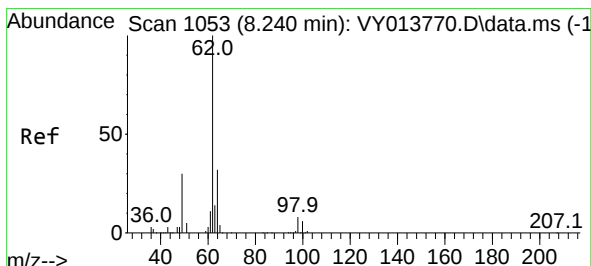
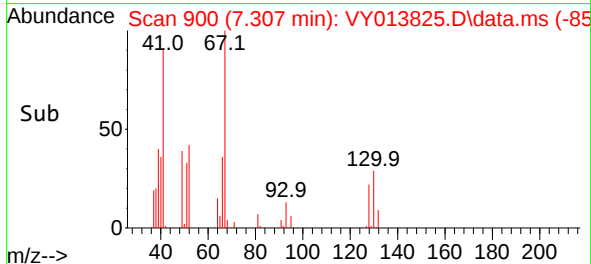
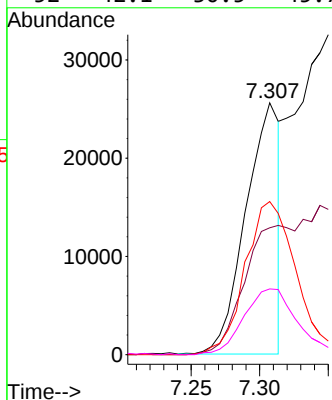
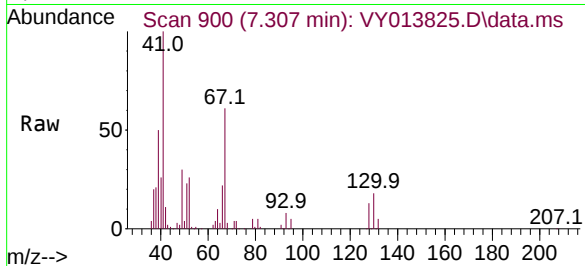




#41
Methacrylonitrile
Concen: 38.251 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

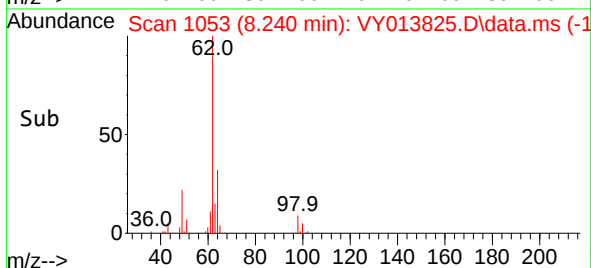
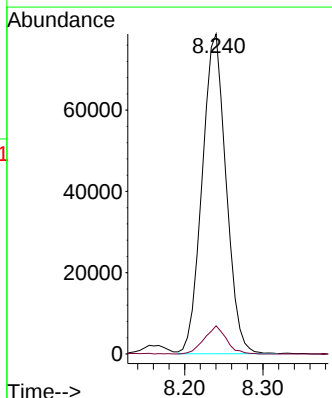
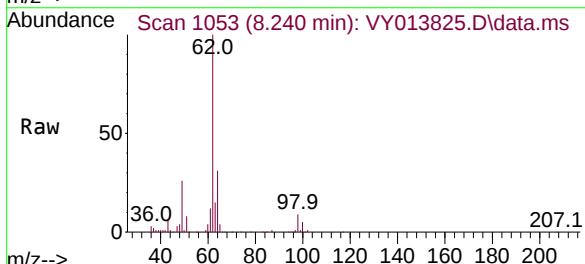
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

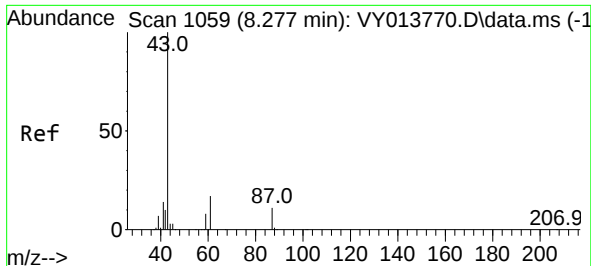
Tgt Ion:	41	Resp:	44116
Ion	Ratio	Lower	Upper
41	100		
39	76.3	59.5	89.3
67	91.6	69.1	103.7
52	42.1	30.5	45.7



#42
1,2-Dichloroethane
Concen: 52.708 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion:	62	Resp:	166977
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	16.8

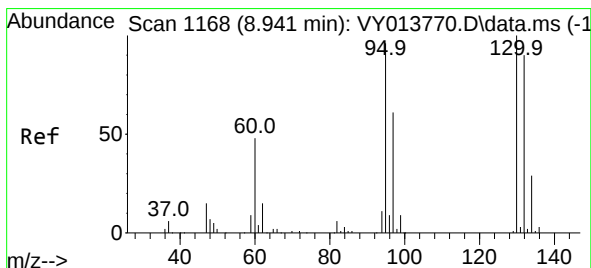
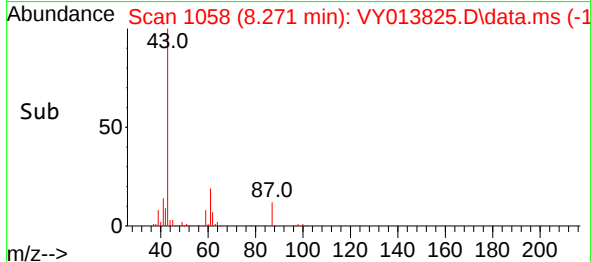
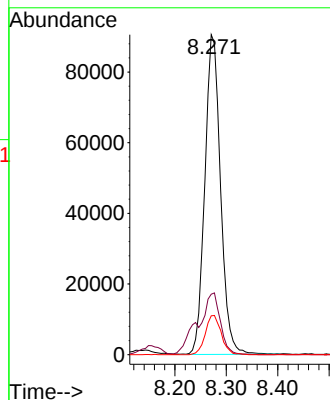
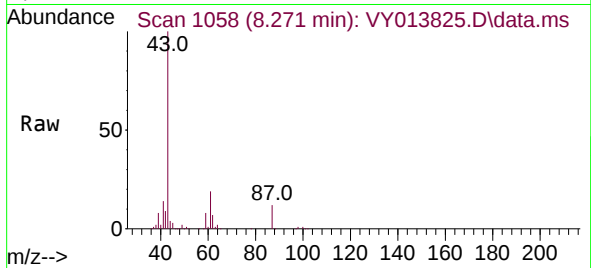




#43
Isopropyl Acetate
Concen: 45.614 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

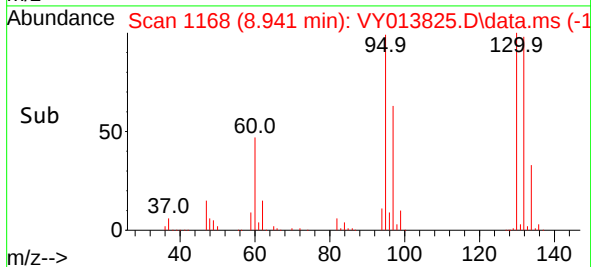
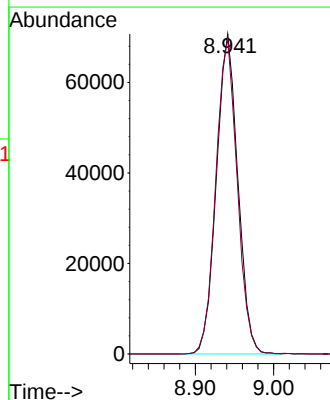
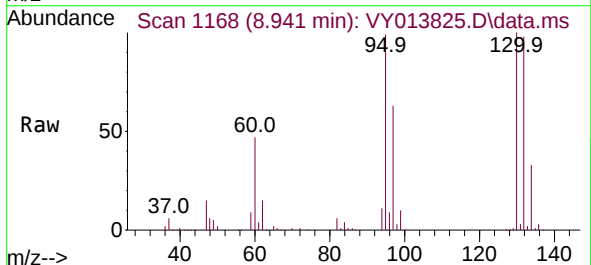
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

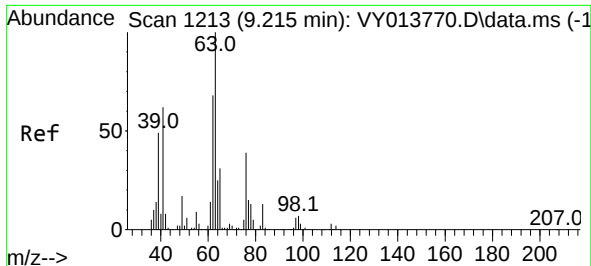
Tgt Ion: 43 Resp: 192149
Ion Ratio Lower Upper
43 100
61 27.7 20.6 31.0
87 12.4 9.0 13.6



#44
Trichloroethene
Concen: 52.531 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion:130 Resp: 134642
Ion Ratio Lower Upper
130 100
95 98.7 0.0 193.0





#45

1,2-Dichloropropane

Concen: 48.451 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

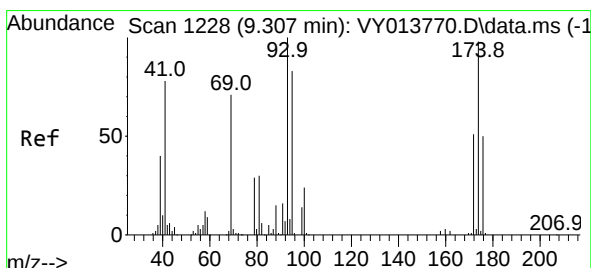
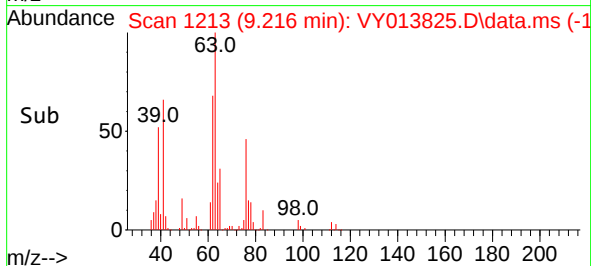
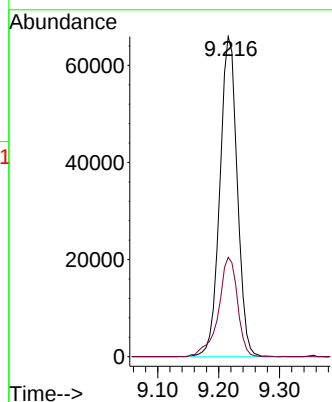
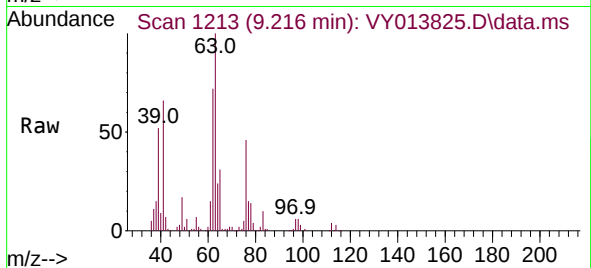
VSTDCCC050EC

Tgt Ion: 63 Resp: 130541

Ion Ratio Lower Upper

63 100

65 31.1 24.9 37.3



#46

Dibromomethane

Concen: 50.369 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

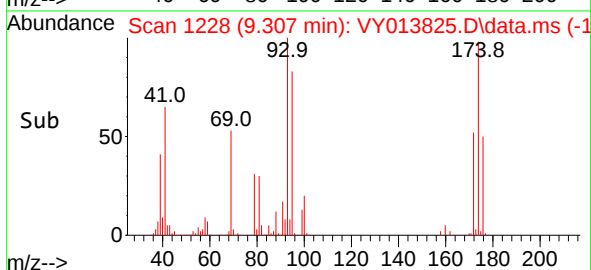
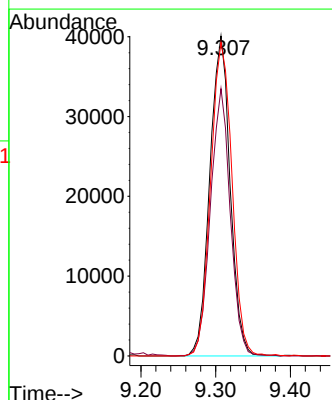
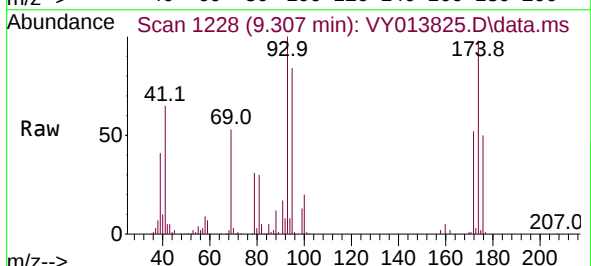
Tgt Ion: 93 Resp: 76005

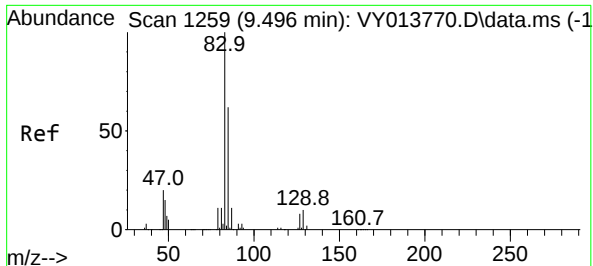
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.6

174 102.4 79.5 119.3

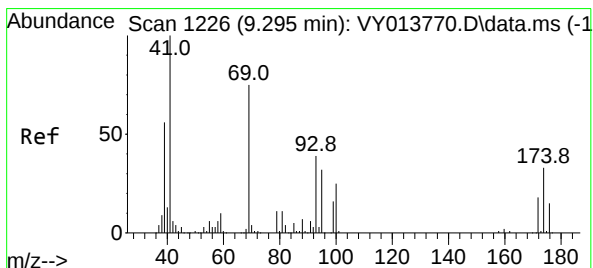
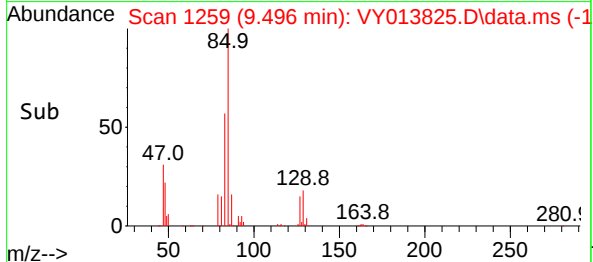
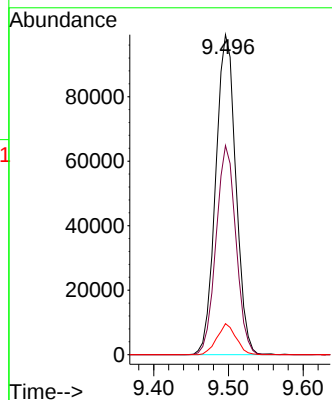
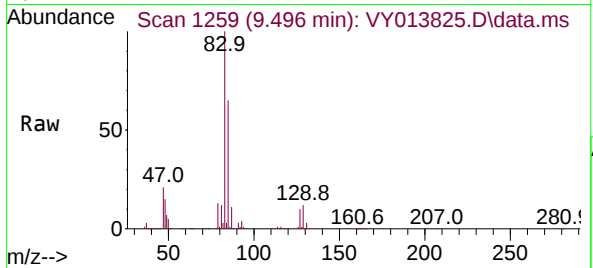




#47
Bromodichloromethane
Concen: 52.062 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

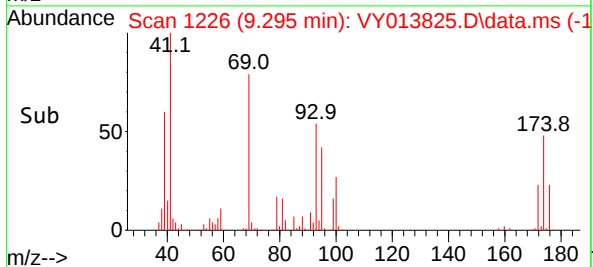
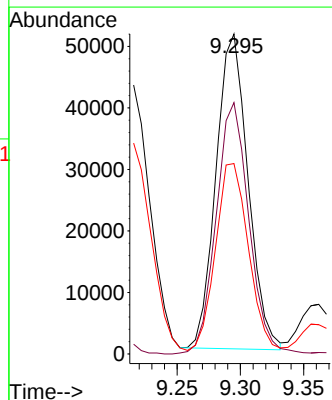
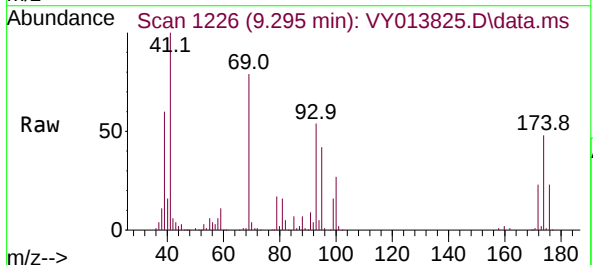
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

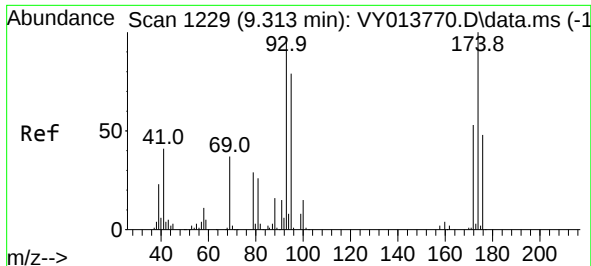
Tgt Ion: 83 Resp: 186046
Ion Ratio Lower Upper
83 100
85 65.3 49.6 74.4
127 9.7 6.3 9.5#



#48
Methyl methacrylate
Concen: 46.479 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 41 Resp: 89938
Ion Ratio Lower Upper
41 100
69 81.8 63.0 94.6
39 61.2 46.2 69.2





#49

1,4-Dioxane

Concen: 915.677 ug/l

RT: 9.313 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

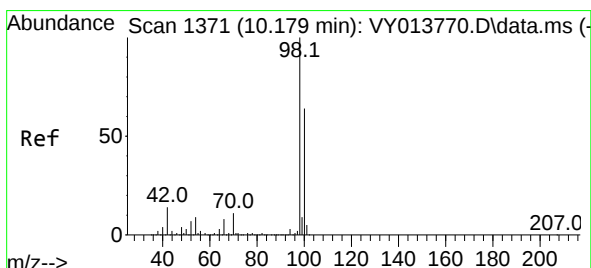
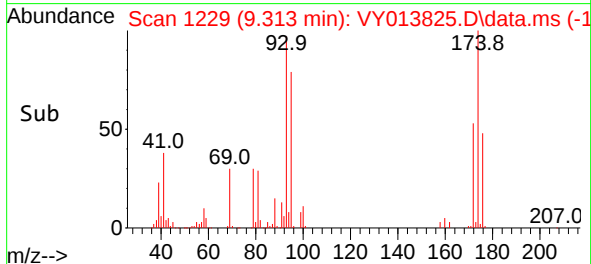
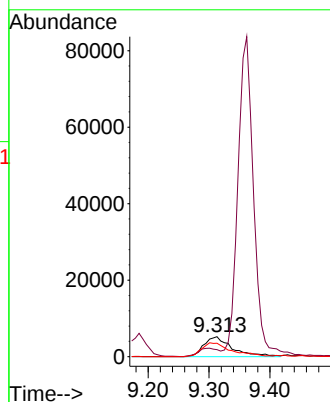
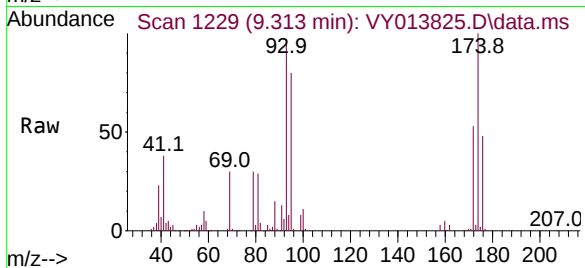
Tgt Ion: 88 Resp: 16958

Ion Ratio Lower Upper

88 100

43 29.3 26.1 39.1

58 73.5 62.2 93.2



#50

Toluene-d8

Concen: 48.919 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY013825.D

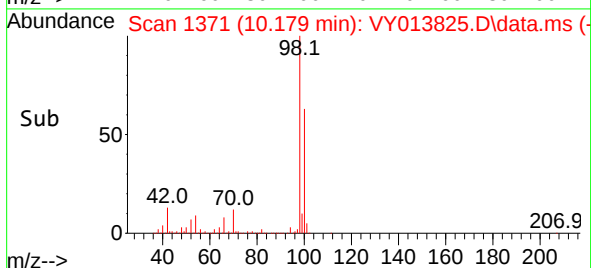
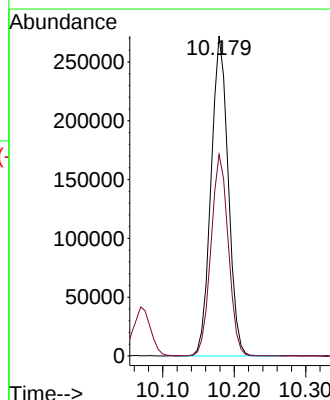
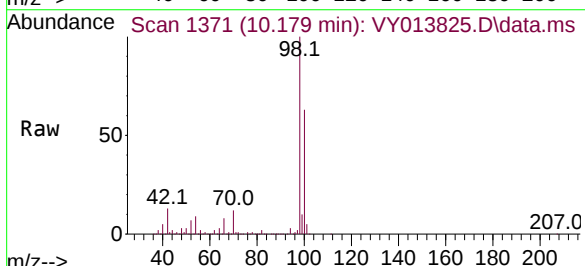
Acq: 19 May 2023 16:51

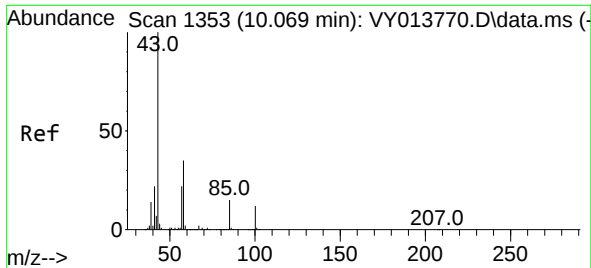
Tgt Ion: 98 Resp: 452873

Ion Ratio Lower Upper

98 100

100 63.4 51.0 76.6

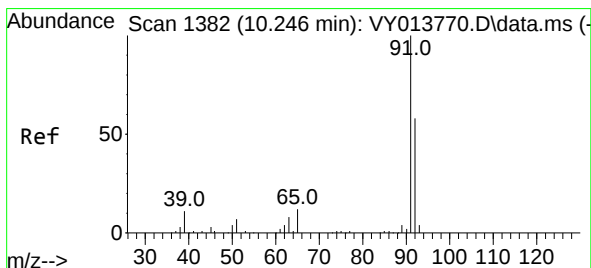
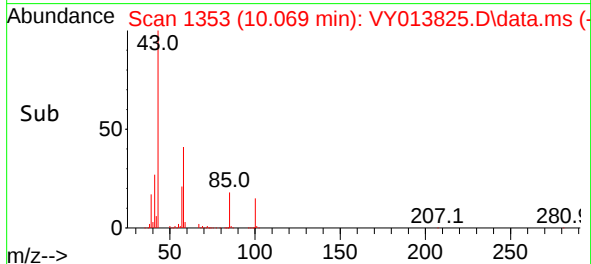
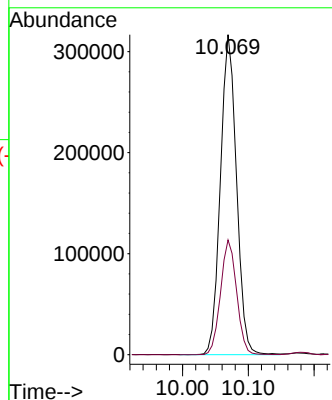
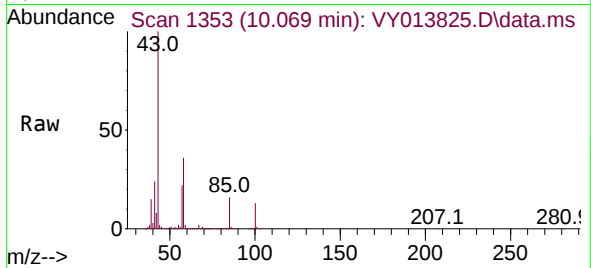




#51
4-Methyl-2-Pentanone
Concen: 229.620 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

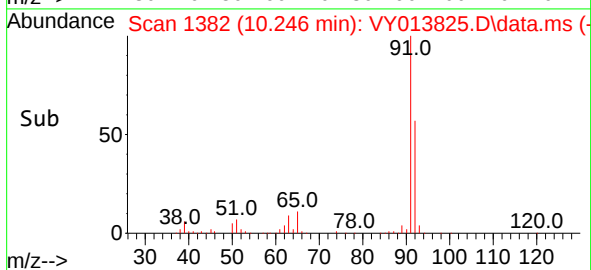
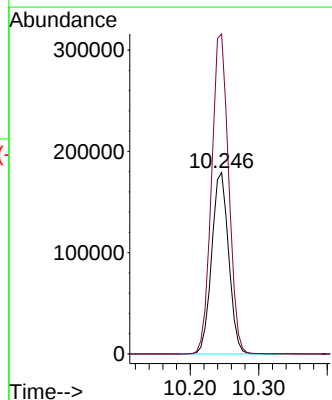
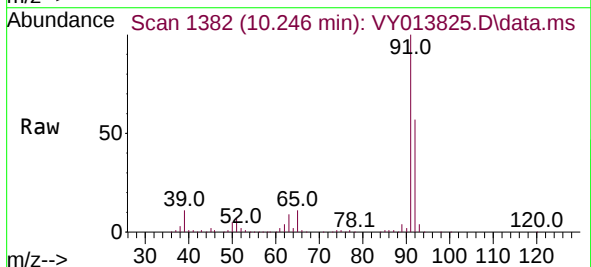
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

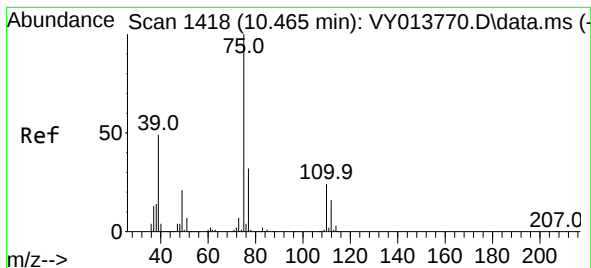
Tgt Ion: 43 Resp: 538640
Ion Ratio Lower Upper
43 100
58 35.8 28.2 42.2



#52
Toluene
Concen: 51.665 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 92 Resp: 307101
Ion Ratio Lower Upper
92 100
91 178.4 141.0 211.4

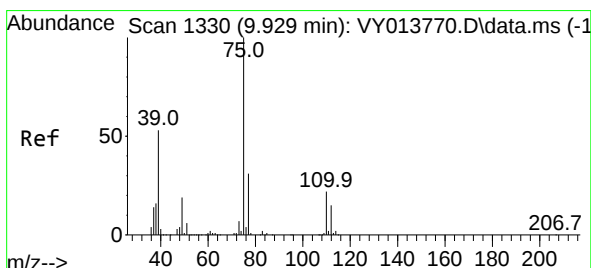
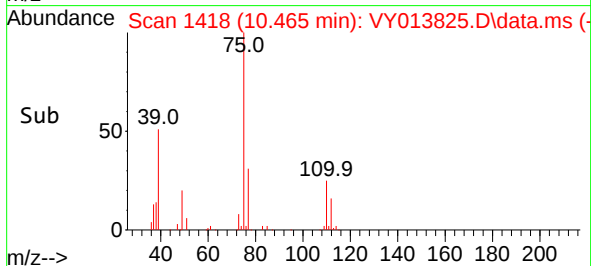
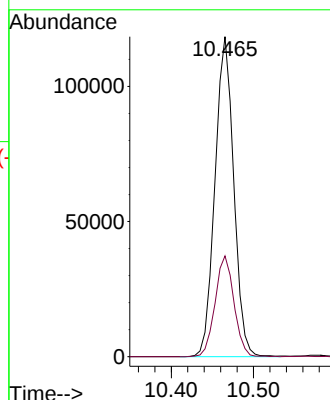
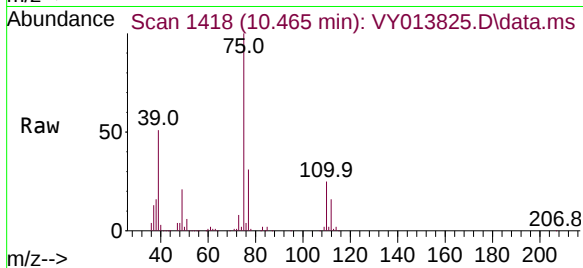




#53
t-1,3-Dichloropropene
Concen: 50.920 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

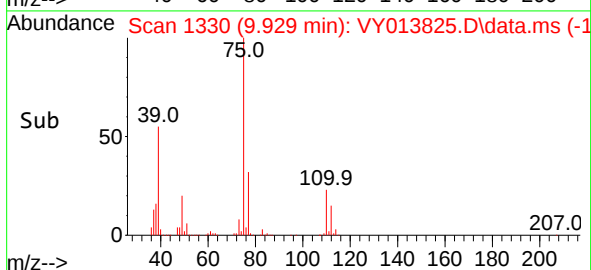
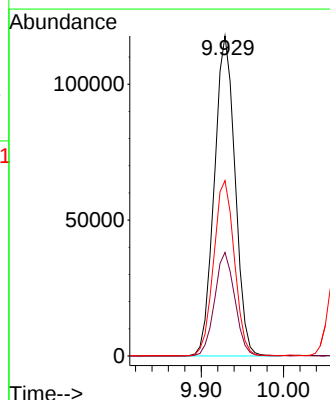
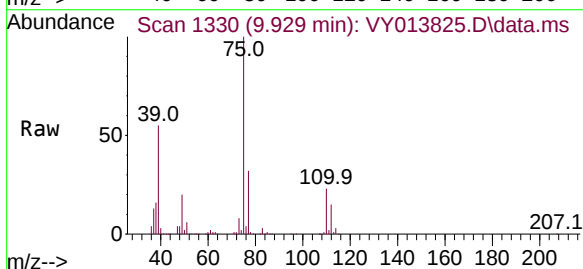
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

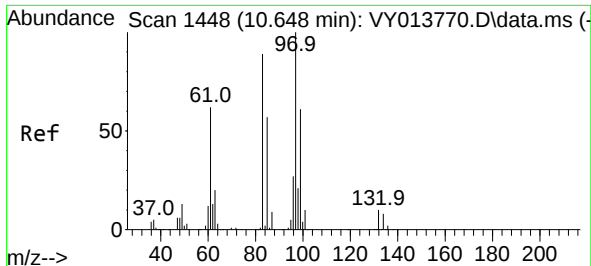
Tgt Ion: 75 Resp: 187612
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 50.180 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 75 Resp: 206288
Ion Ratio Lower Upper
75 100
77 32.4 24.8 37.2
39 54.7 42.6 63.8

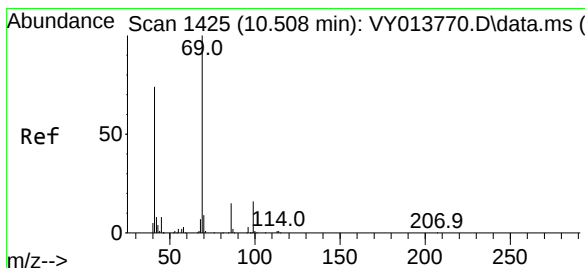
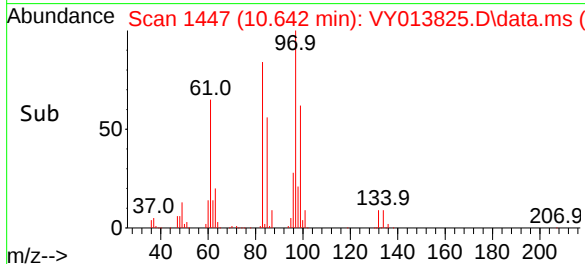
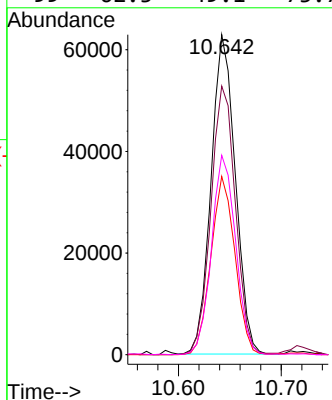
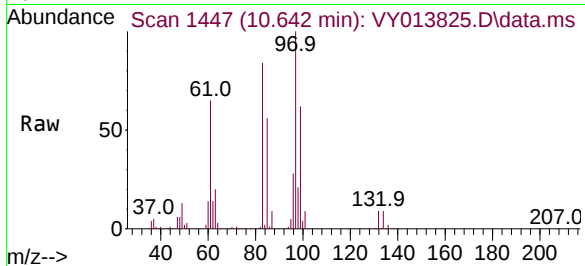




#55
1,1,2-Trichloroethane
Concen: 50.123 ug/l
RT: 10.642 min Scan# 1448
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

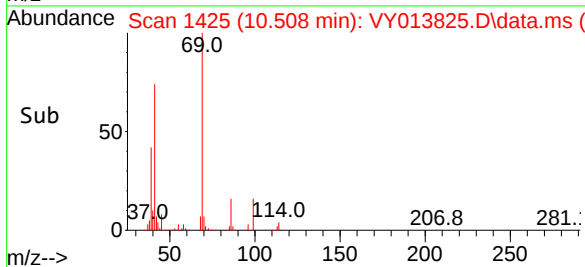
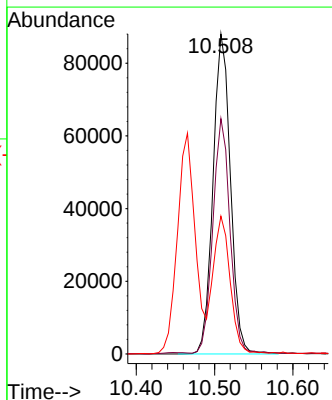
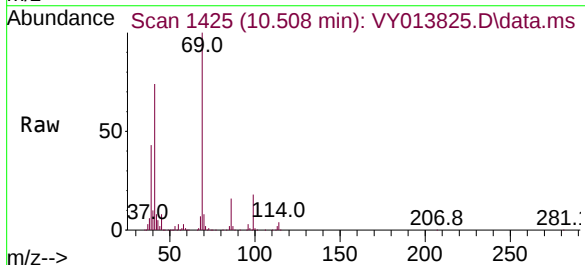
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

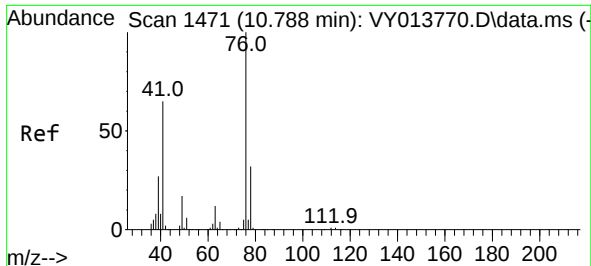
Tgt Ion: 97 Resp: 102869
Ion Ratio Lower Upper
97 100
83 83.9 71.1 106.7
85 55.8 45.7 68.5
99 62.3 49.1 73.7



#56
Ethyl methacrylate
Concen: 49.784 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 69 Resp: 136351
Ion Ratio Lower Upper
69 100
41 72.1 58.3 87.5
39 40.9 31.8 47.8





#57

1,3-Dichloropropane

Concen: 49.168 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

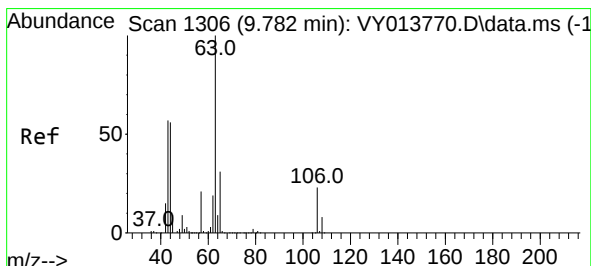
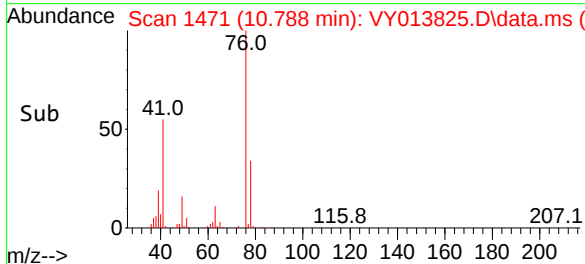
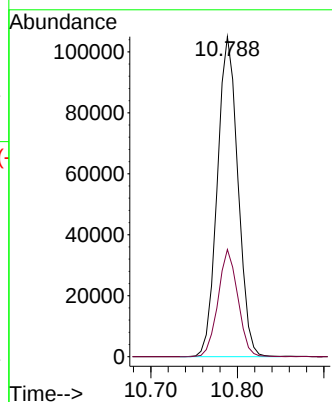
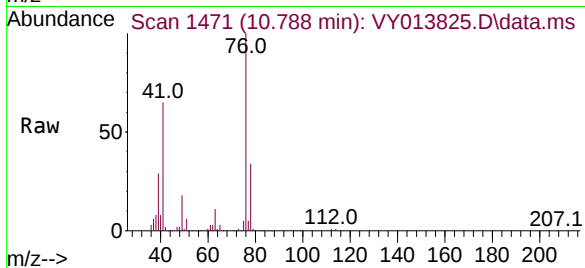
VSTDCCC050EC

Tgt Ion: 76 Resp: 173601

Ion Ratio Lower Upper

76 100

78 32.1 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 198.783 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY013825.D

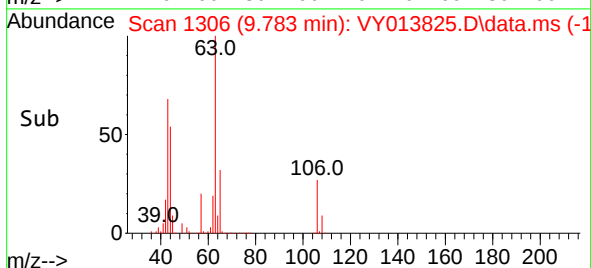
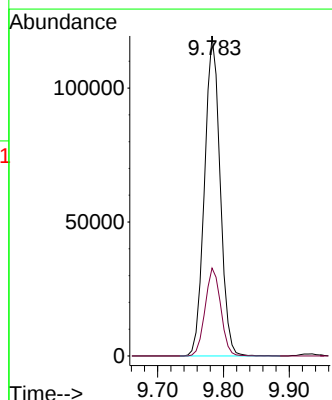
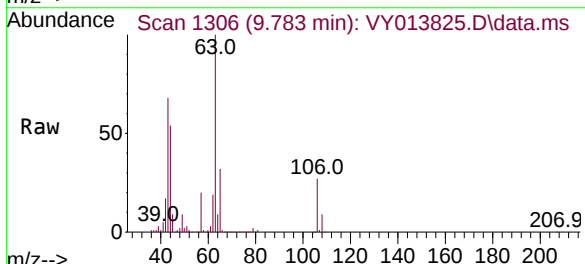
Acq: 19 May 2023 16:51

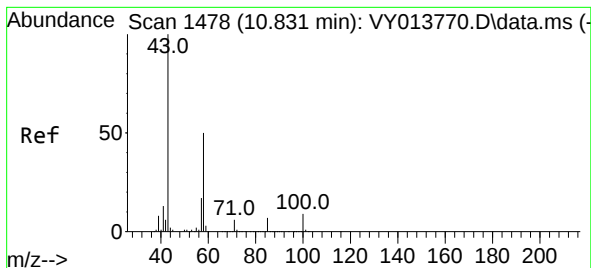
Tgt Ion: 63 Resp: 197248

Ion Ratio Lower Upper

63 100

106 27.4 19.7 29.5





#59

2-Hexanone

Concen: 230.680 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

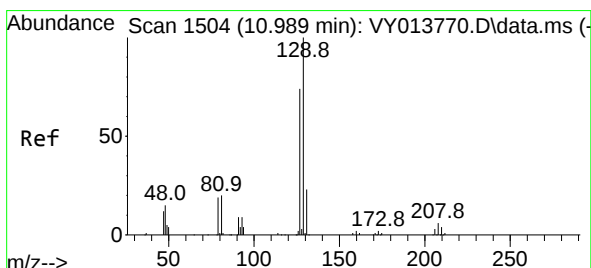
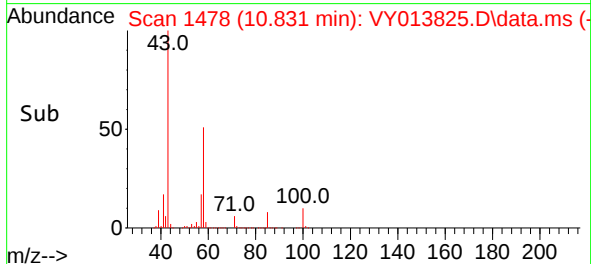
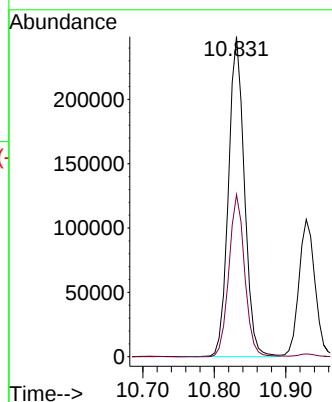
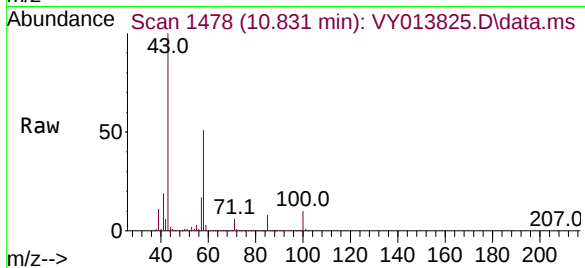
VSTDCCC050EC

Tgt Ion: 43 Resp: 384642

Ion Ratio Lower Upper

43 100

58 50.1 24.8 74.4



#60

Dibromochloromethane

Concen: 53.370 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. -0.006 min

Lab File: VY013825.D

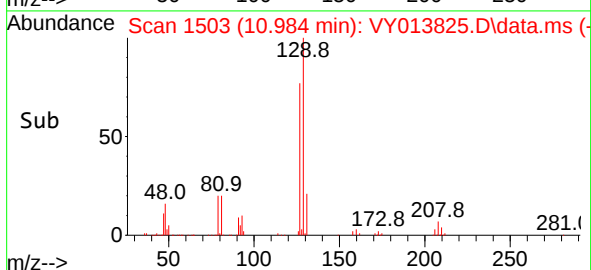
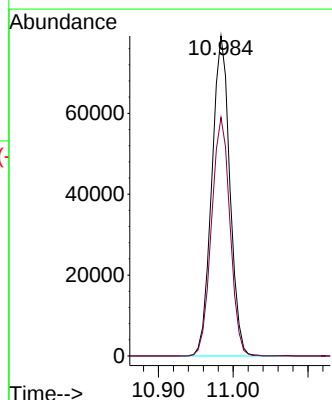
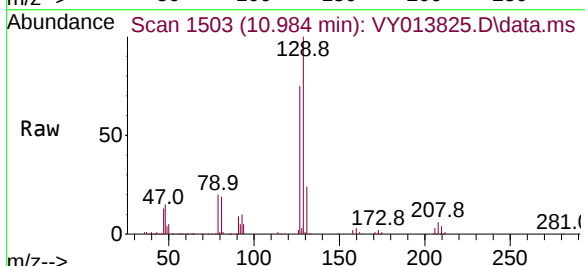
Acq: 19 May 2023 16:51

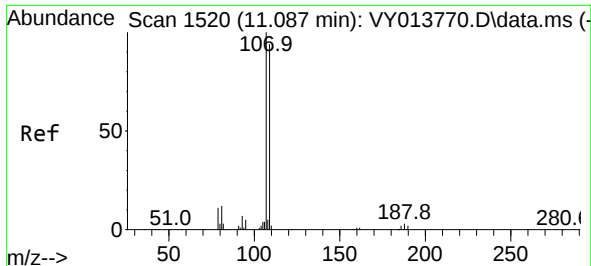
Tgt Ion:129 Resp: 132720

Ion Ratio Lower Upper

129 100

127 76.1 38.6 115.7

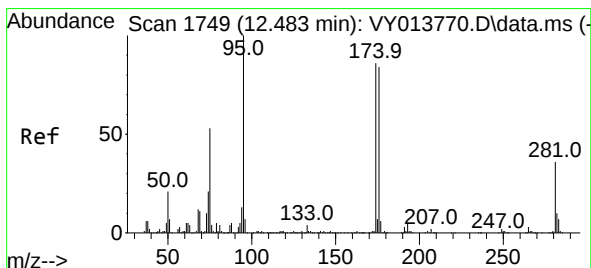
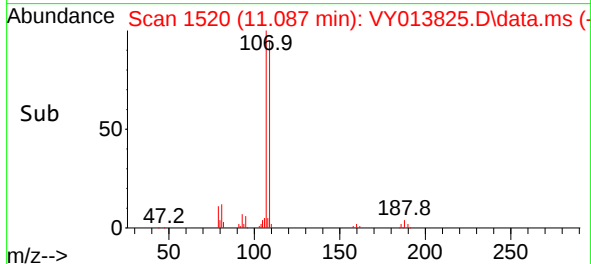
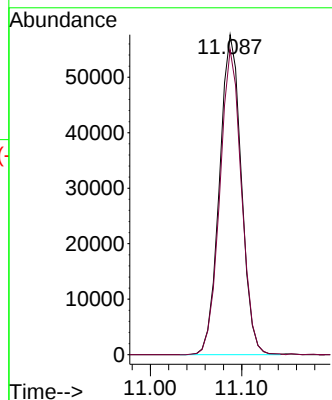
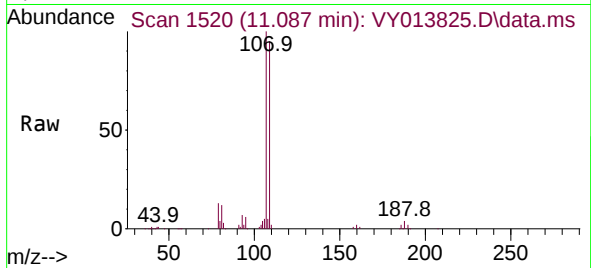




#61
1,2-Dibromoethane
Concen: 49.410 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

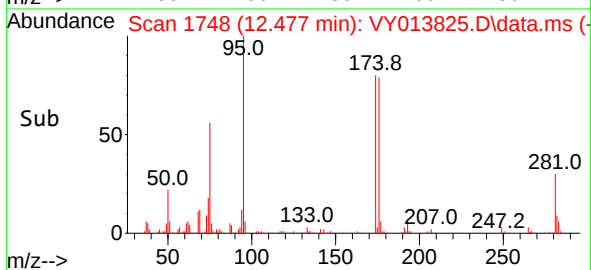
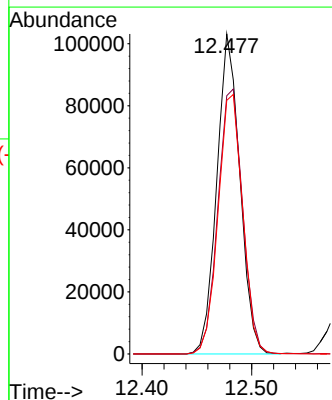
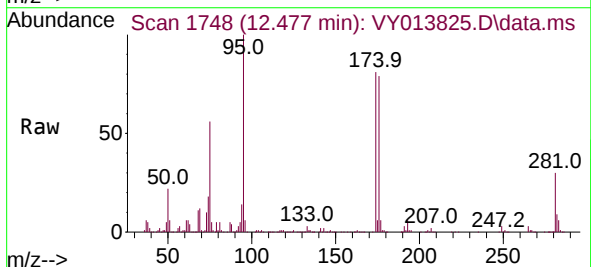
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

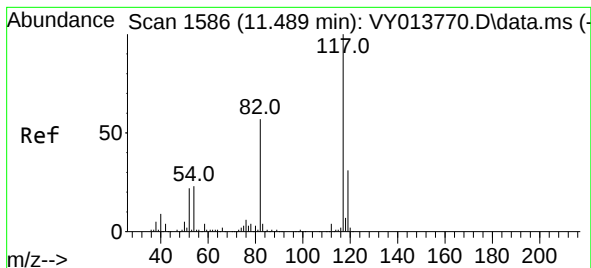
Tgt Ion:107 Resp: 95623
Ion Ratio Lower Upper
107 100
109 94.4 76.2 114.4



#62
4-Bromofluorobenzene
Concen: 49.070 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 95 Resp: 150889
Ion Ratio Lower Upper
95 100
174 89.0 0.0 168.8
176 86.4 0.0 165.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

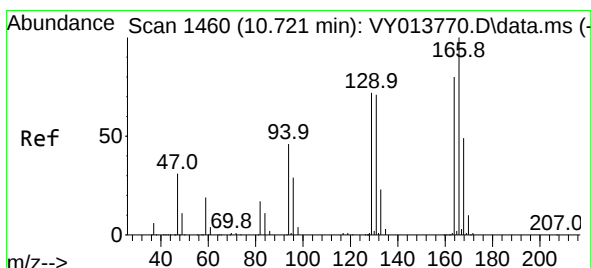
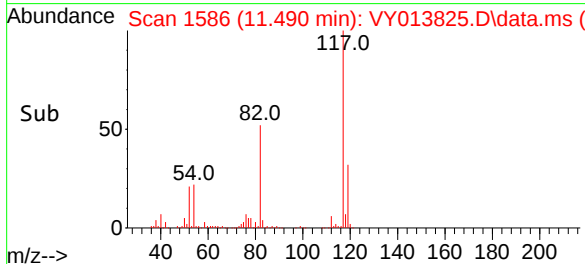
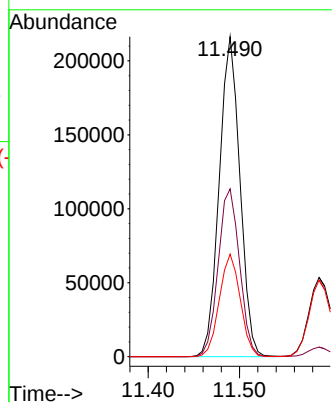
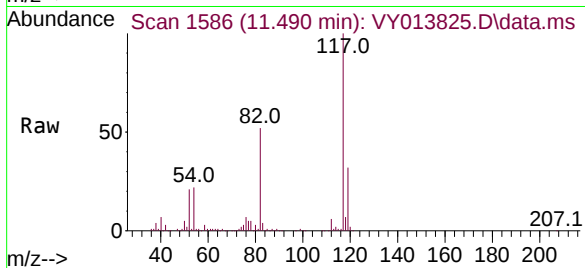
Tgt Ion:117 Resp: 340715

Ion Ratio Lower Upper

117 100

82 52.5 45.5 68.3

119 32.0 24.8 37.2



#64

Tetrachloroethene

Concen: 52.562 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Tgt Ion:164 Resp: 113607

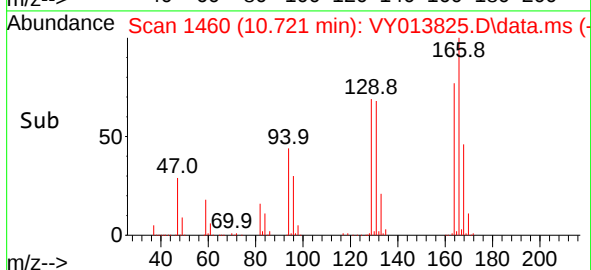
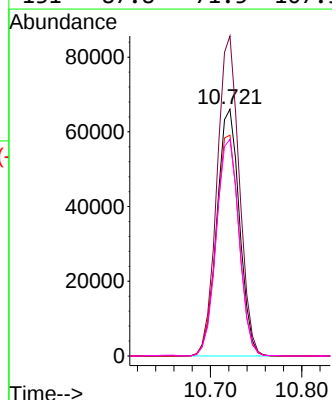
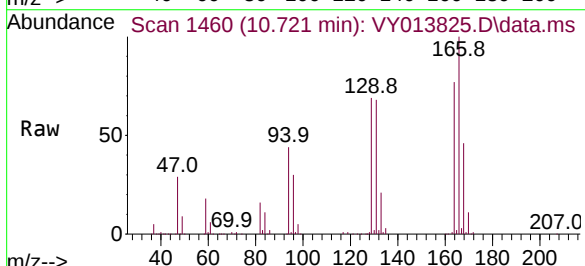
Ion Ratio Lower Upper

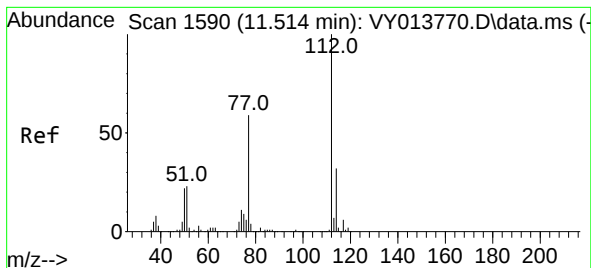
164 100

166 129.7 100.5 150.7

129 89.5 72.5 108.7

131 87.8 71.5 107.3





#65

Chlorobenzene

Concen: 51.800 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

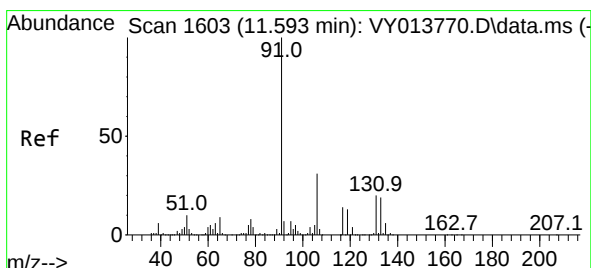
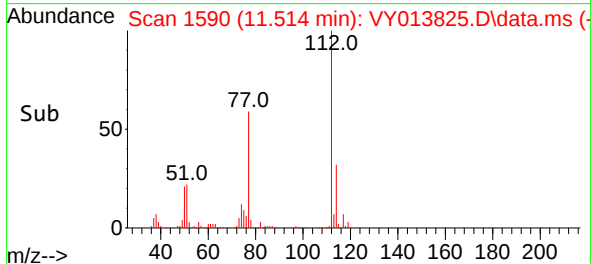
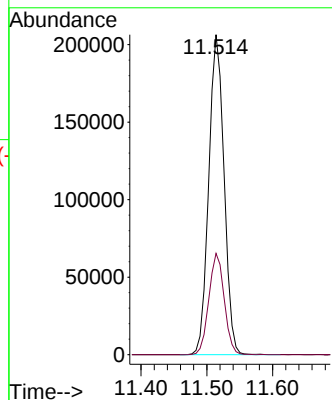
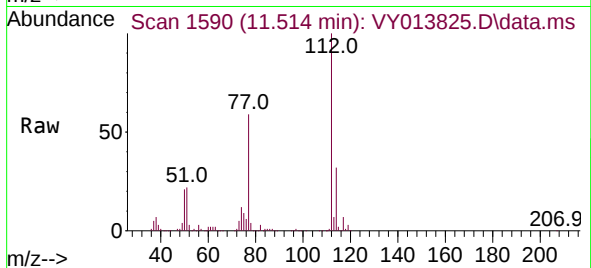
VSTDCCC050EC

Tgt Ion:112 Resp: 334050

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 53.438 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.006 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

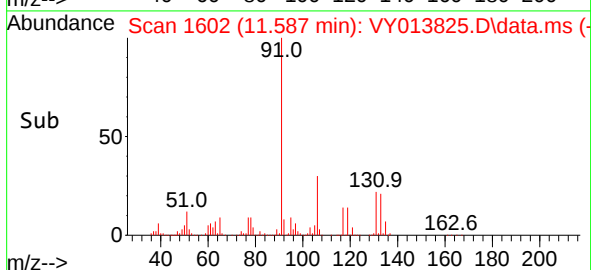
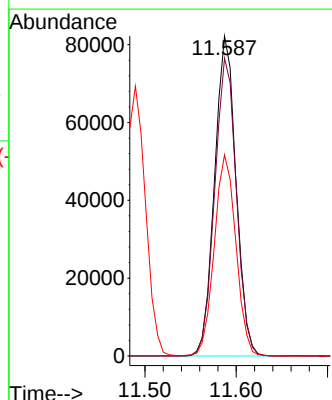
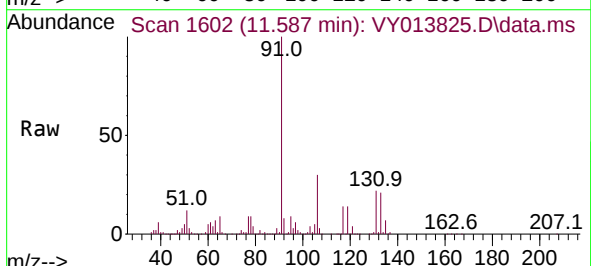
Tgt Ion:131 Resp: 133906

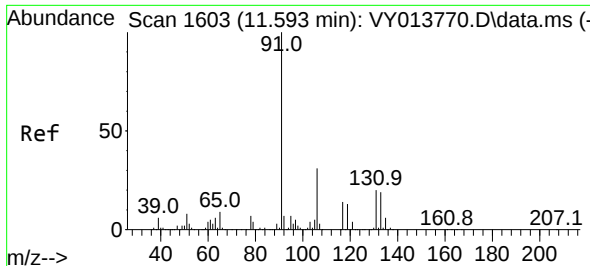
Ion Ratio Lower Upper

131 100

133 94.1 47.8 143.4

119 63.5 32.9 98.7

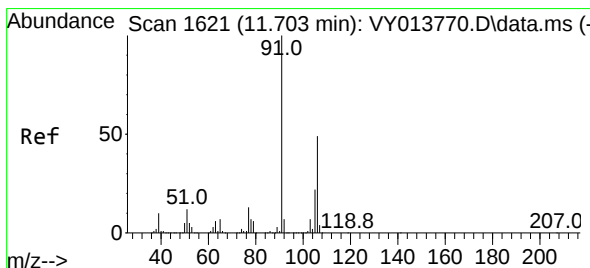
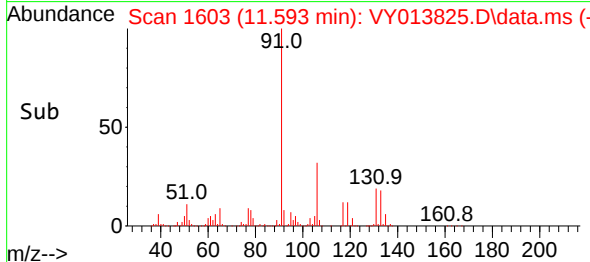
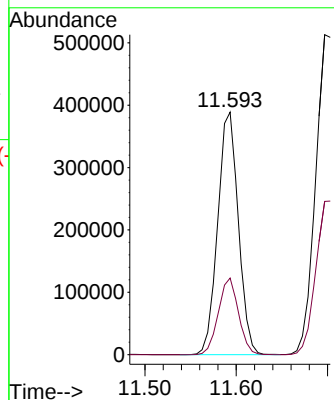
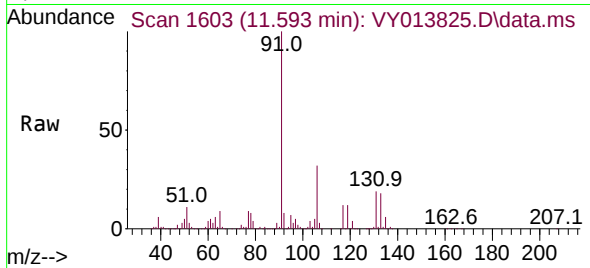




#67
Ethyl Benzene
Concen: 53.206 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

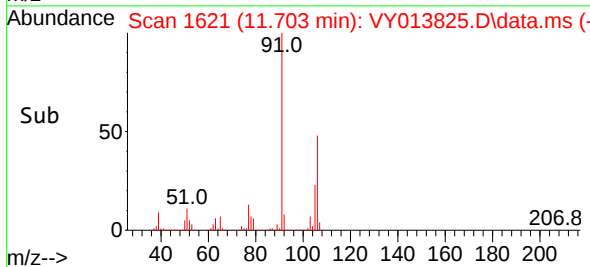
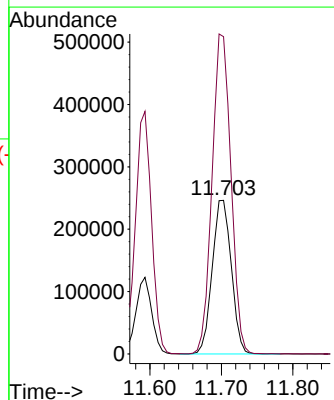
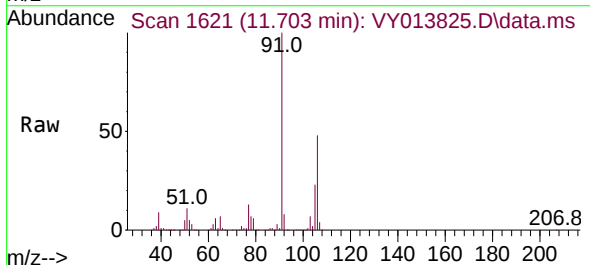
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

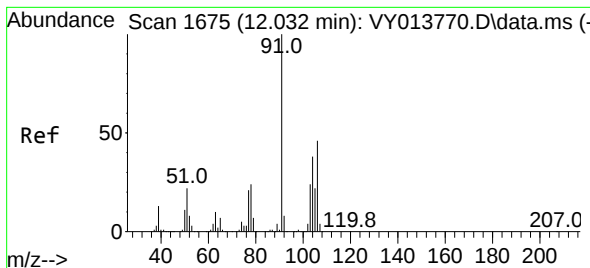
Tgt Ion: 91 Resp: 609724
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.6



#68
m/p-Xylenes
Concen: 106.255 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion:106 Resp: 456064
Ion Ratio Lower Upper
106 100
91 206.4 164.0 246.0

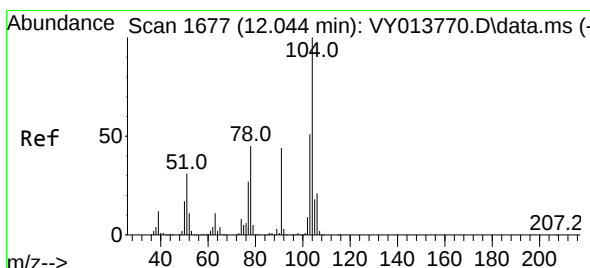
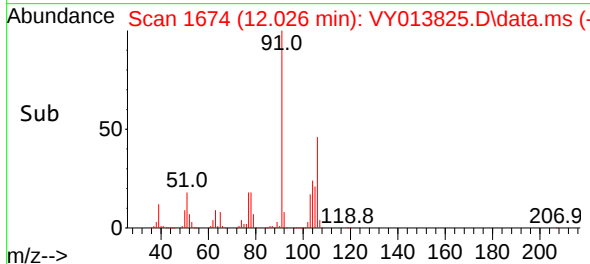
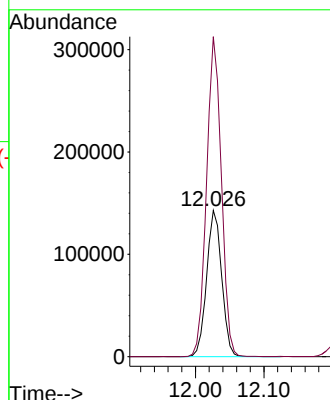
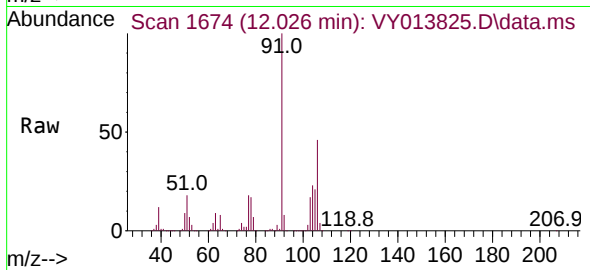




#69
o-Xylene
Concen: 53.602 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

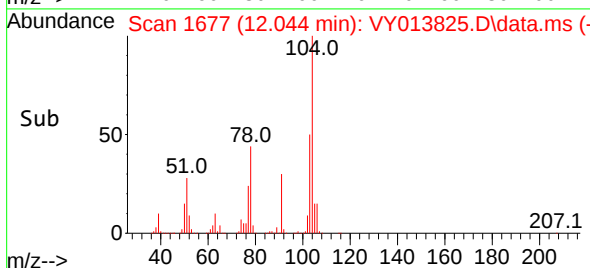
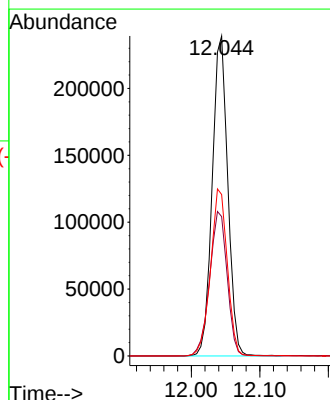
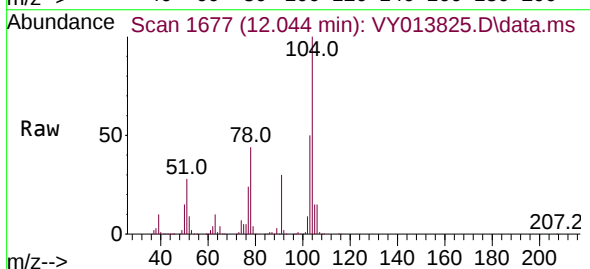
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

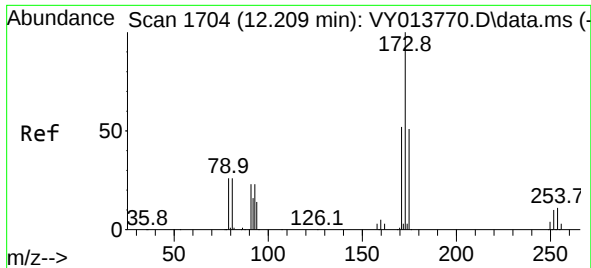
Tgt Ion:106 Resp: 218856
Ion Ratio Lower Upper
106 100
91 215.3 108.4 325.2



#70
Styrene
Concen: 54.279 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion:104 Resp: 376412
Ion Ratio Lower Upper
104 100
78 50.9 40.6 61.0
103 56.5 44.6 66.8

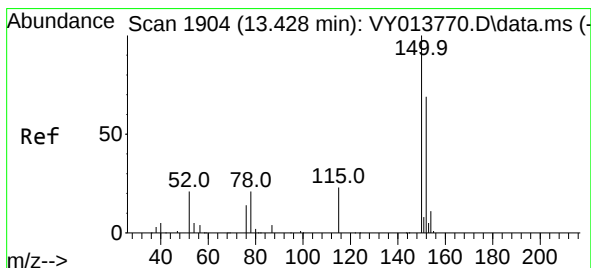
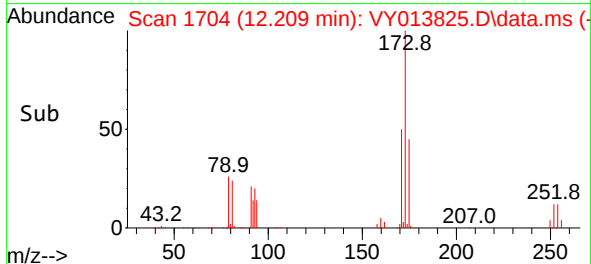
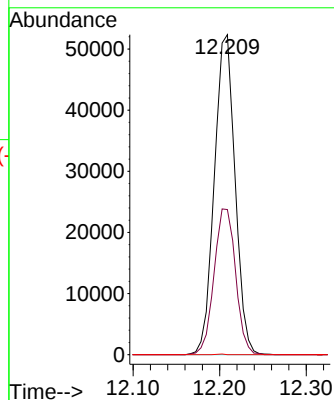
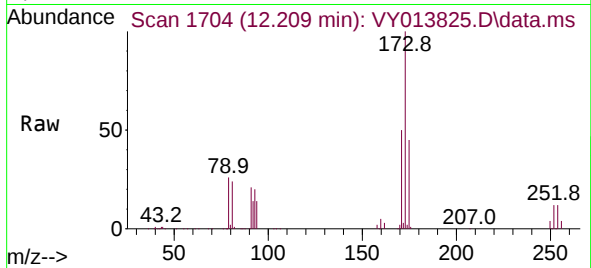




#71
Bromoform
Concen: 52.595 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

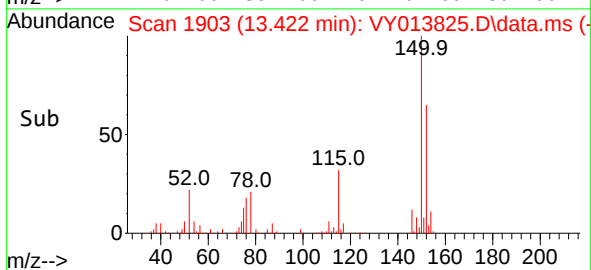
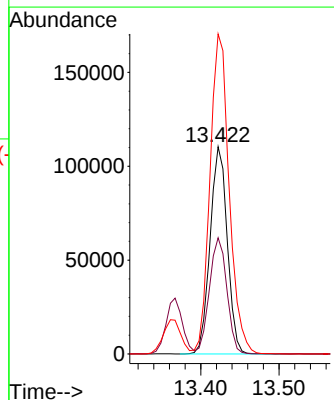
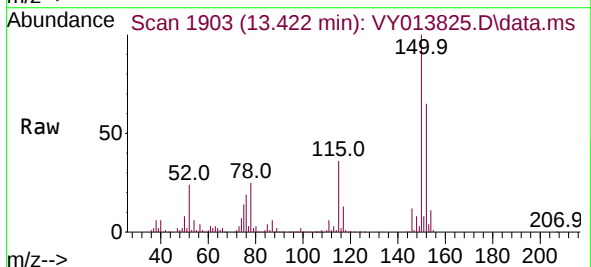
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

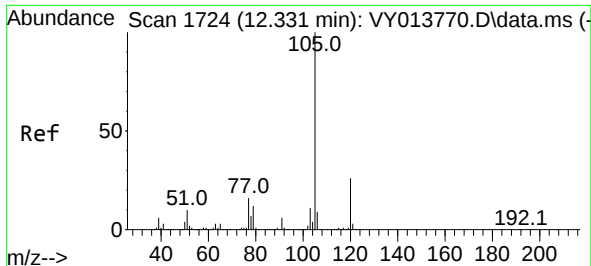
Tgt Ion:173 Resp: 87068
Ion Ratio Lower Upper
173 100
175 47.4 24.9 74.7
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion:152 Resp: 167843
Ion Ratio Lower Upper
152 100
115 56.7 28.5 85.5
150 172.8 0.0 347.0

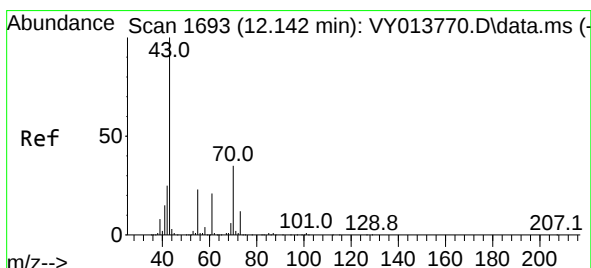
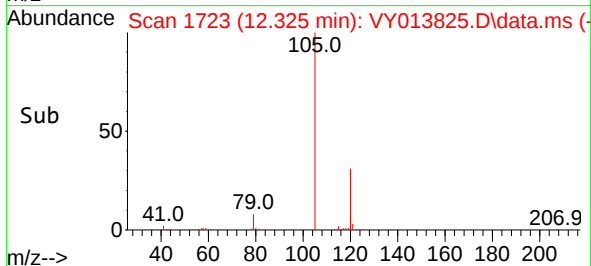
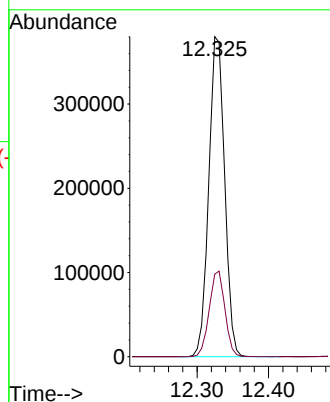
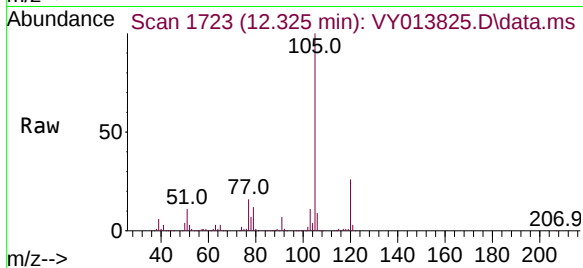




#73
Isopropylbenzene
Concen: 51.483 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

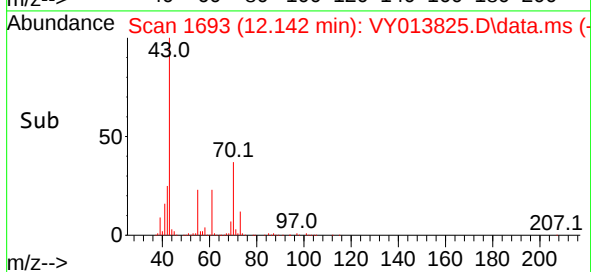
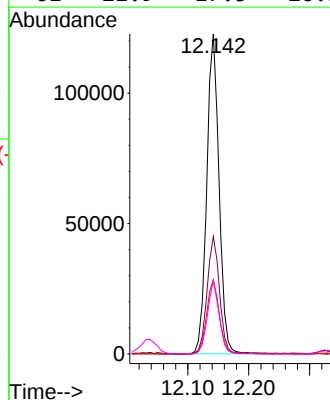
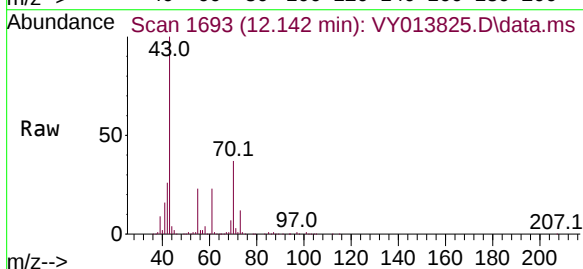
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

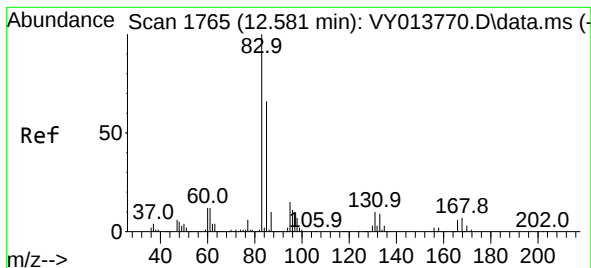
Tgt Ion:105 Resp: 584999
Ion Ratio Lower Upper
105 100
120 26.4 13.2 39.6



#74
N-ethyl acetate
Concen: 44.571 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 43 Resp: 171868
Ion Ratio Lower Upper
43 100
70 37.2 28.8 43.2
55 24.1 18.5 27.7
61 21.9 17.5 26.3





#75

1,1,2-Tetrachloroethane

Concen: 45.301 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

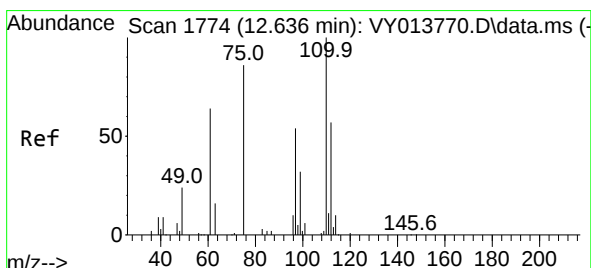
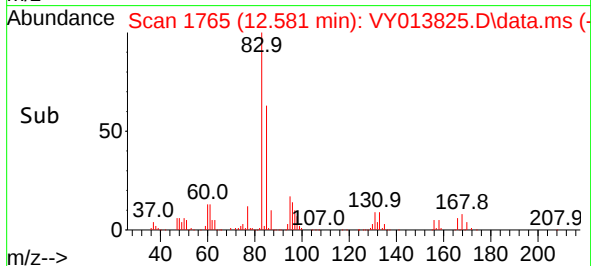
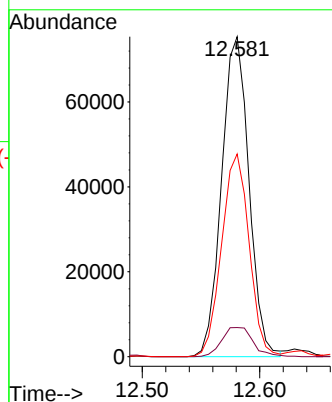
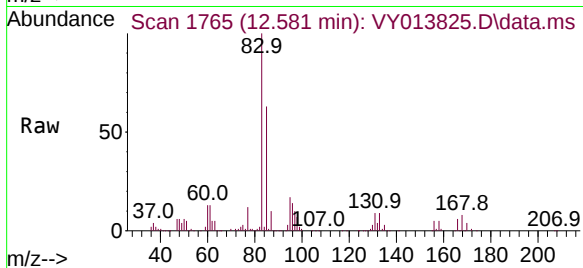
Tgt Ion: 83 Resp: 121941

Ion Ratio Lower Upper

83 100

131 10.5 5.1 15.2

85 63.7 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 79.284 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY013825.D

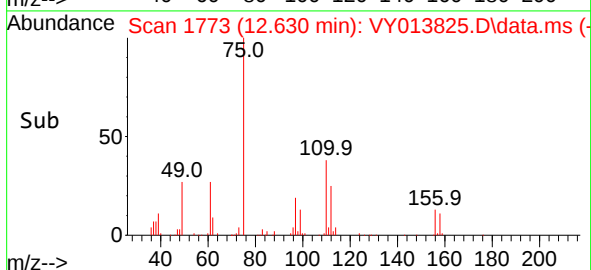
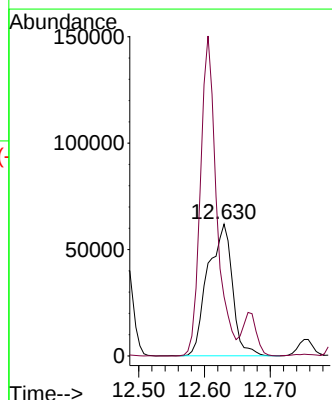
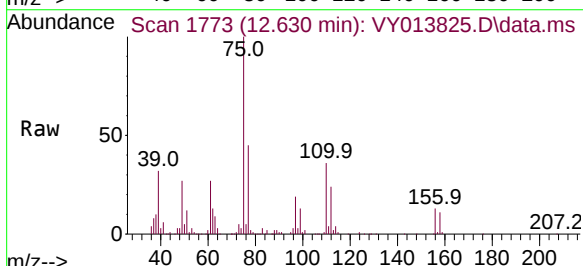
Acq: 19 May 2023 16:51

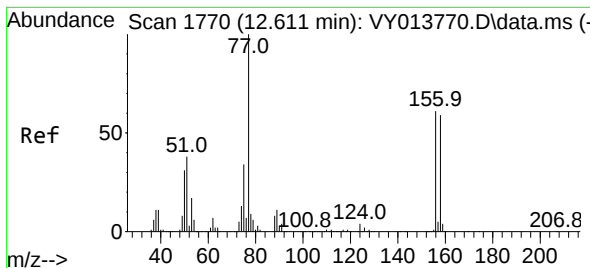
Tgt Ion: 75 Resp: 161053

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.736 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

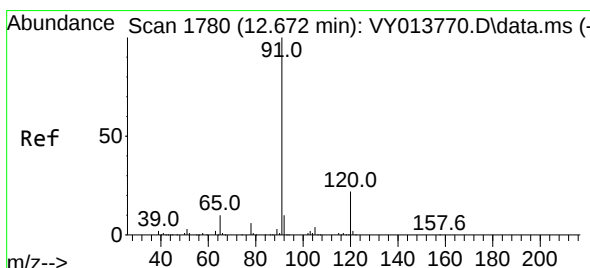
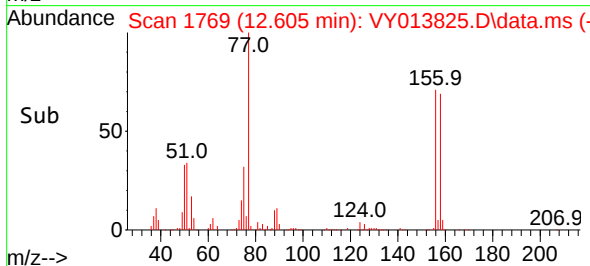
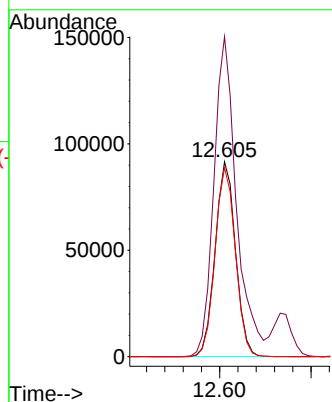
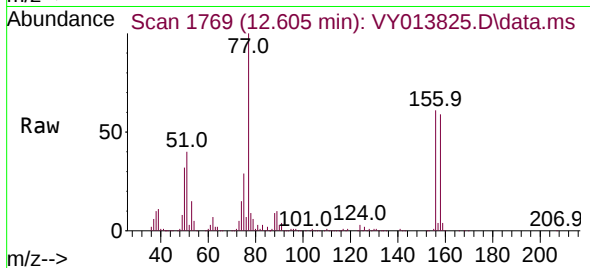
Tgt Ion:156 Resp: 141811

Ion Ratio Lower Upper

156 100

77 181.6 97.1 291.3

158 96.7 49.1 147.3



#78

n-propylbenzene

Concen: 51.553 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.006 min

Lab File: VY013825.D

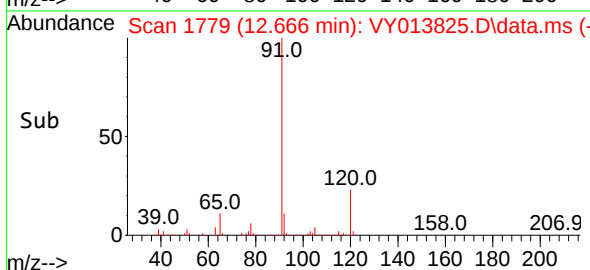
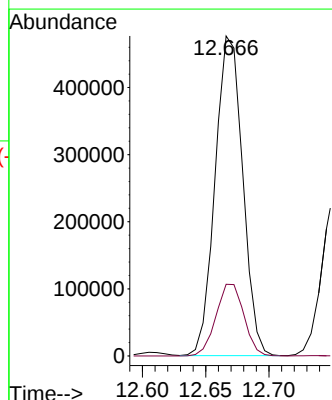
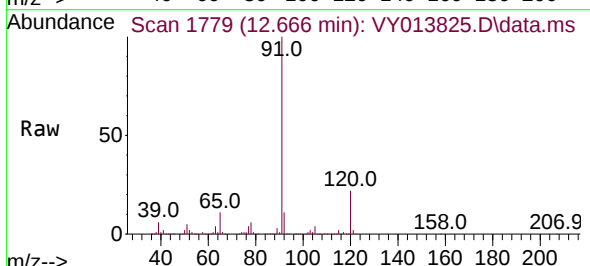
Acq: 19 May 2023 16:51

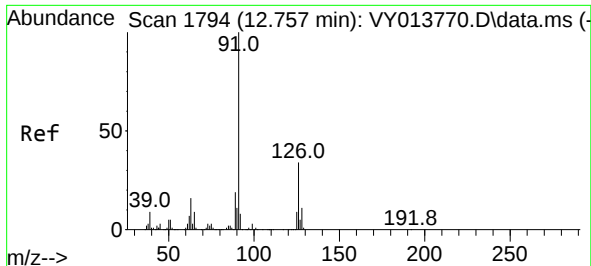
Tgt Ion: 91 Resp: 721596

Ion Ratio Lower Upper

91 100

120 22.8 10.9 32.9





#79

2-Chlorotoluene

Concen: 50.959 ug/l

RT: 12.752 min Scan# 1793

Delta R.T. -0.006 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

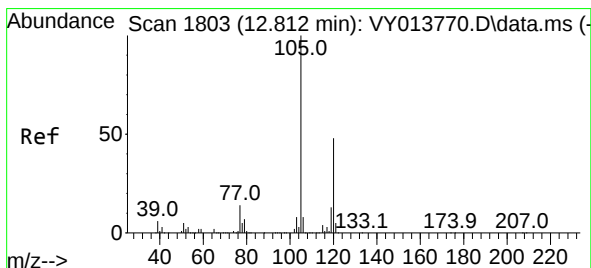
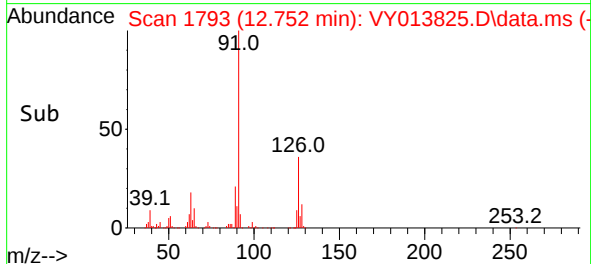
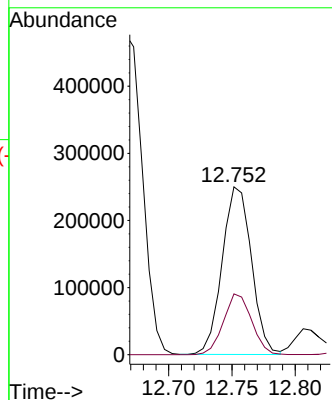
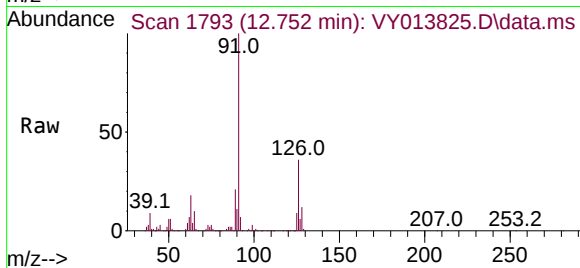
VSTDCCC050EC

Tgt Ion: 91 Resp: 402558

Ion Ratio Lower Upper

91 100

126 34.9 17.1 51.2



#80

1,3,5-Trimethylbenzene

Concen: 53.005 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY013825.D

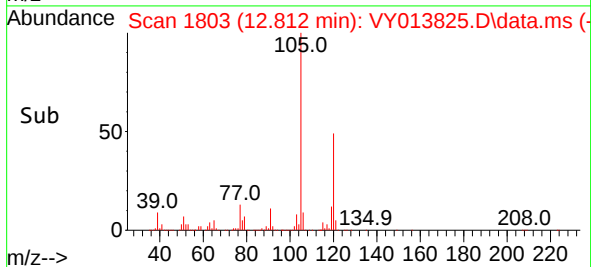
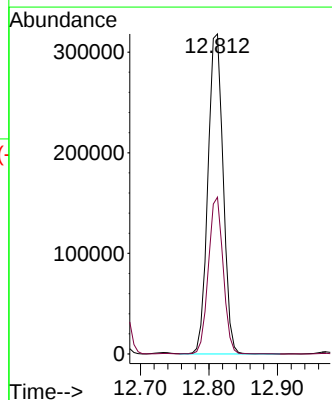
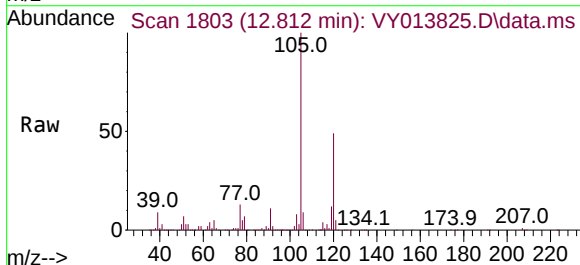
Acq: 19 May 2023 16:51

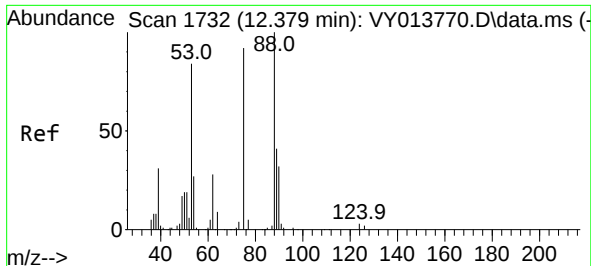
Tgt Ion:105 Resp: 491115

Ion Ratio Lower Upper

105 100

120 47.7 23.8 71.5

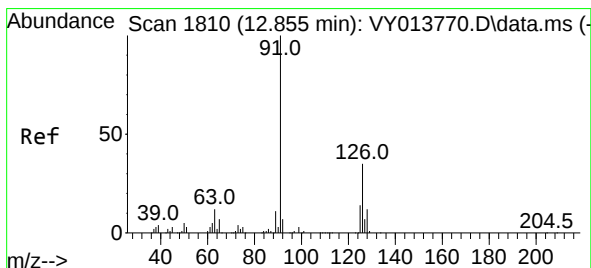
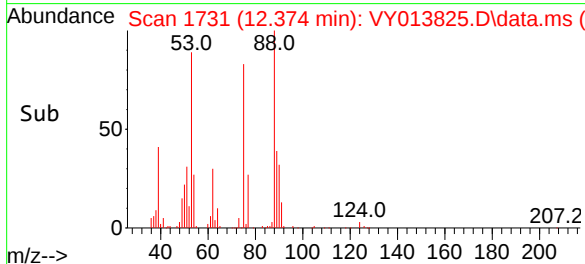
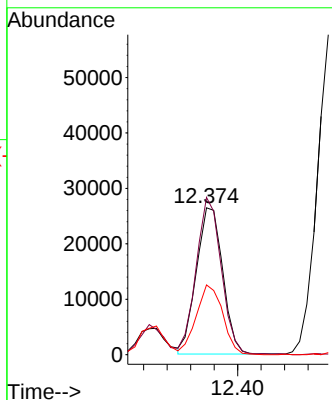
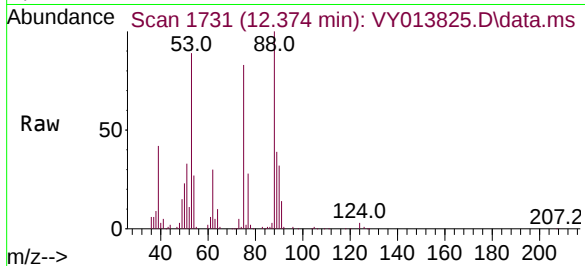




#81
trans-1,4-Dichloro-2-butene
Concen: 45.145 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

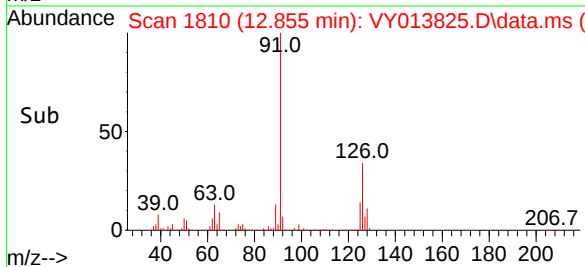
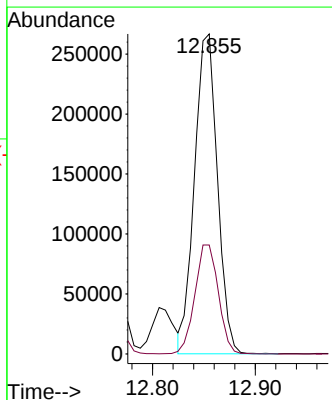
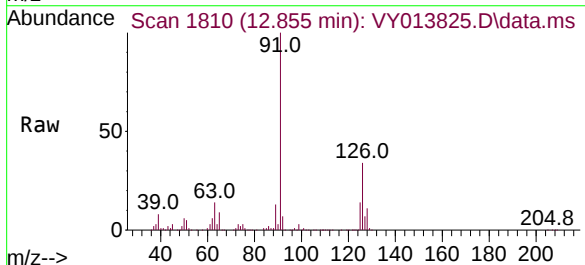
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

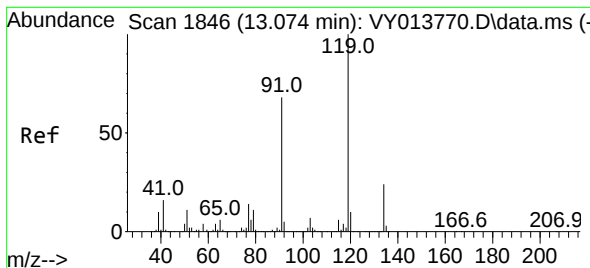
Tgt Ion: 75 Resp: 41190
Ion Ratio Lower Upper
75 100
53 103.0 75.3 112.9
89 48.0 35.4 53.2



#82
4-Chlorotoluene
Concen: 50.264 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 91 Resp: 413618
Ion Ratio Lower Upper
91 100
126 35.0 16.8 50.4





#83

tert-Butylbenzene

Concen: 54.064 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

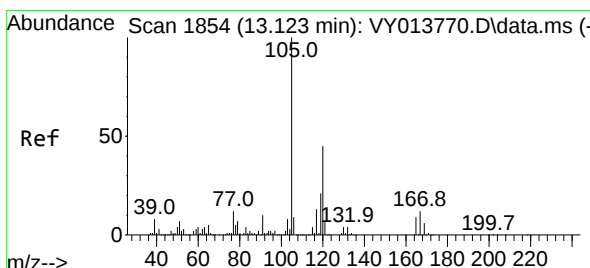
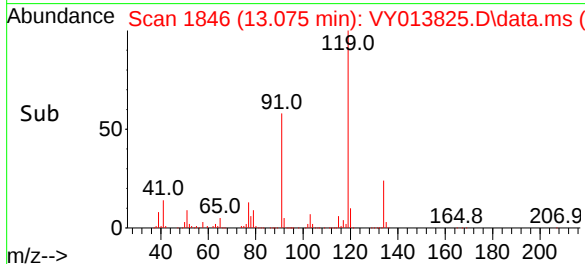
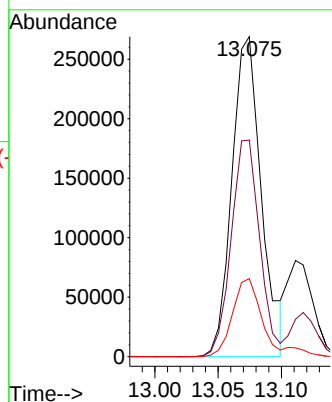
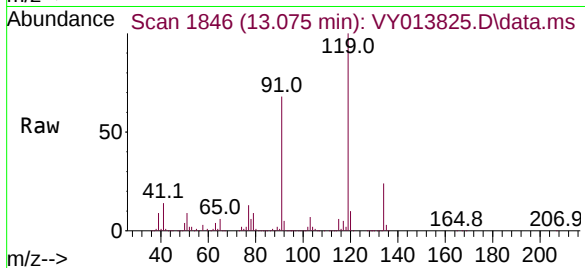
Tgt Ion:119 Resp: 436224

Ion Ratio Lower Upper

119 100

91 65.5 33.3 99.9

134 25.5 13.1 39.1



#84

1,2,4-Trimethylbenzene

Concen: 53.014 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.006 min

Lab File: VY013825.D

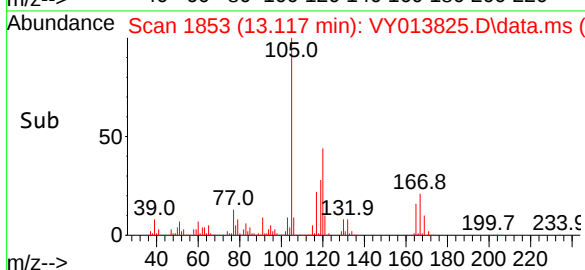
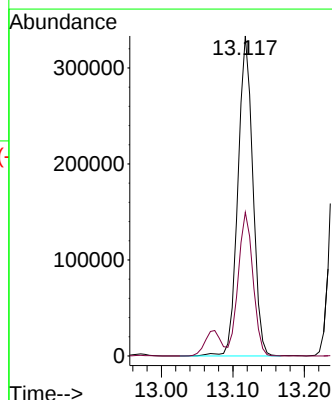
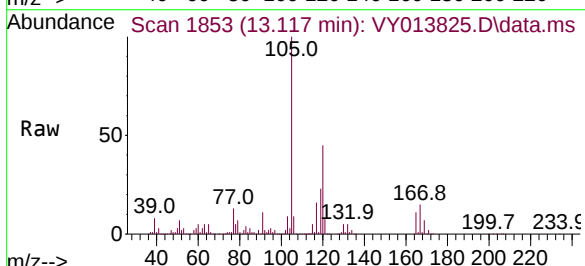
Acq: 19 May 2023 16:51

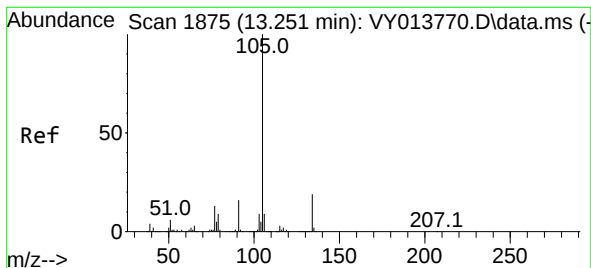
Tgt Ion:105 Resp: 481421

Ion Ratio Lower Upper

105 100

120 44.3 22.2 66.6





#85

sec-Butylbenzene

Concen: 52.355 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

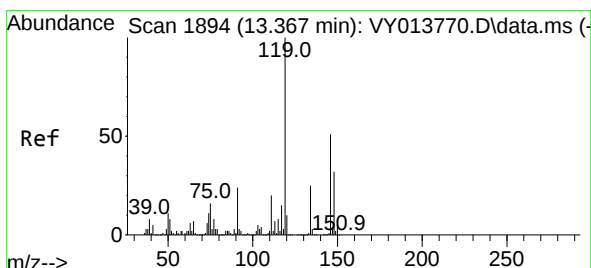
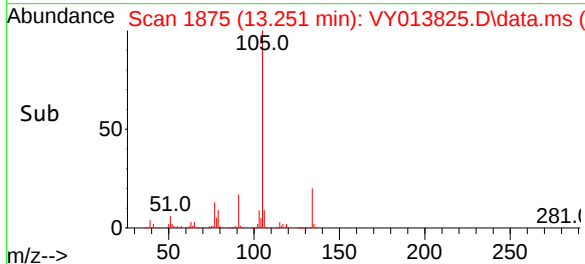
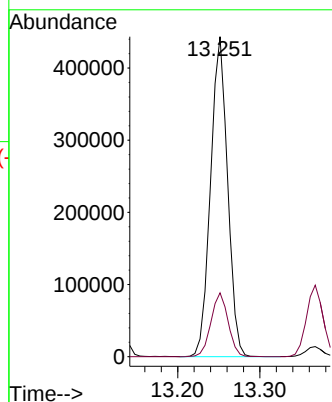
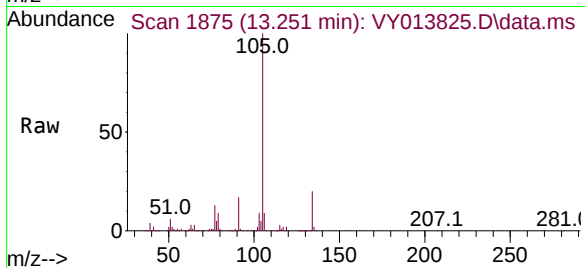
VSTDCCC050EC

Tgt Ion:105 Resp: 637375

Ion Ratio Lower Upper

105 100

134 20.1 9.9 29.7



#86

p-Isopropyltoluene

Concen: 53.140 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

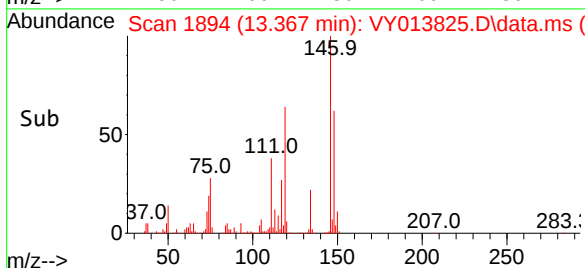
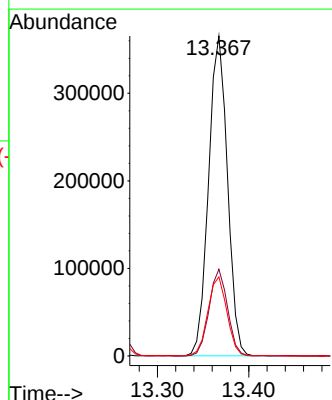
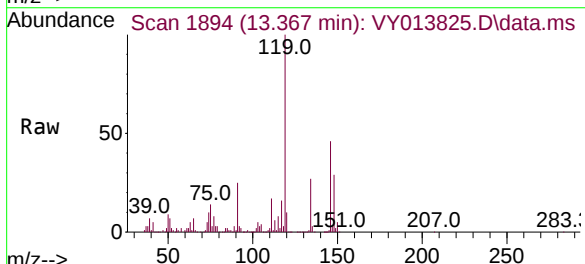
Tgt Ion:119 Resp: 522397

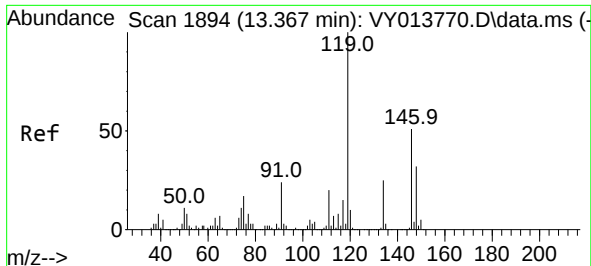
Ion Ratio Lower Upper

119 100

134 26.6 13.1 39.3

91 24.9 11.8 35.4

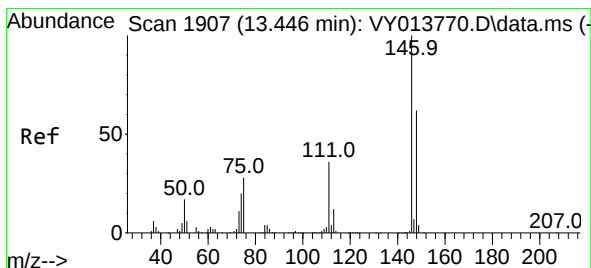
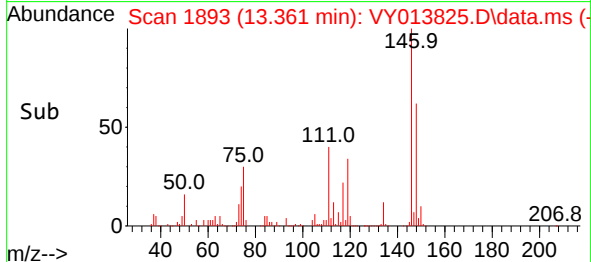
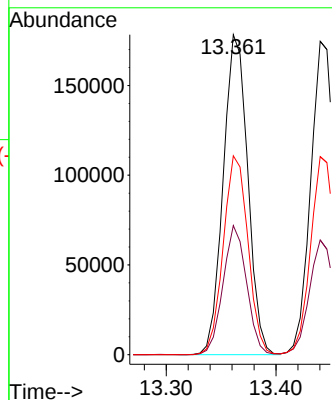
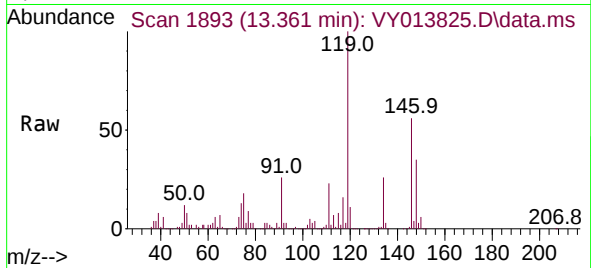




#87
1,3-Dichlorobenzene
Concen: 51.961 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

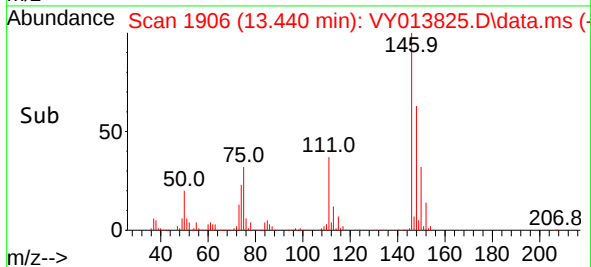
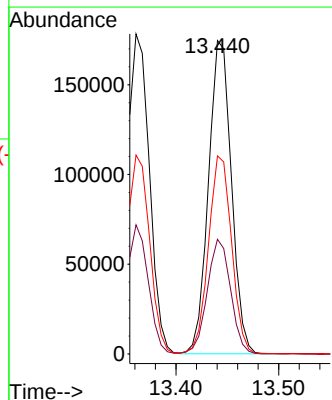
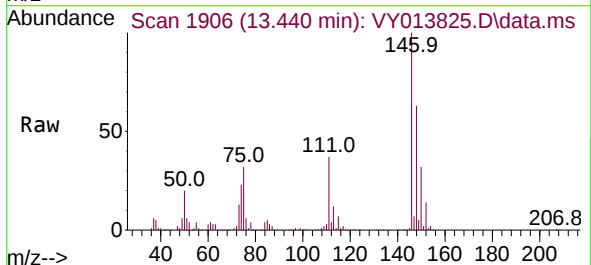
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

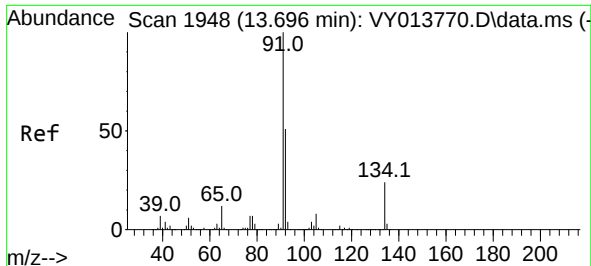
Tgt Ion:146 Resp: 277274
Ion Ratio Lower Upper
146 100
111 38.7 19.7 59.0
148 62.6 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 50.565 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion:146 Resp: 271313
Ion Ratio Lower Upper
146 100
111 37.1 18.9 56.7
148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 51.414 ug/l

RT: 13.690 min Scan# 1948

Delta R.T. -0.006 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

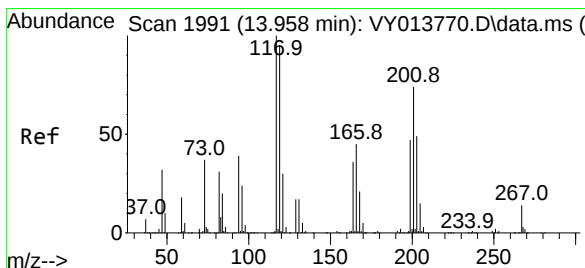
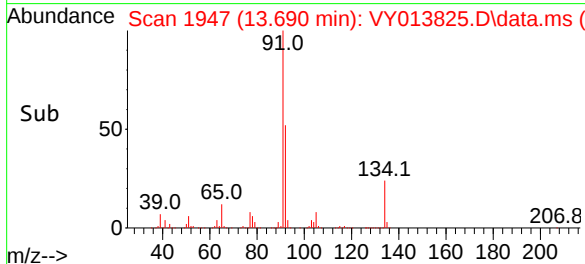
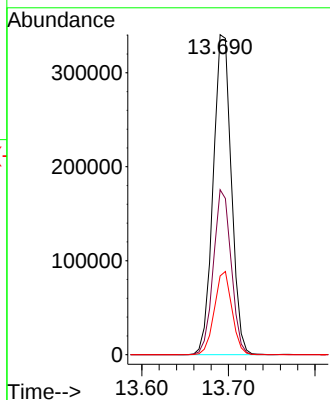
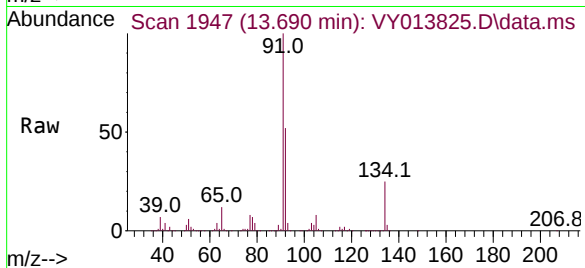
Tgt Ion: 91 Resp: 495519

Ion Ratio Lower Upper

91 100

92 50.6 25.4 76.4

134 25.2 12.2 36.6



#90

Hexachloroethane

Concen: 50.319 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY013825.D

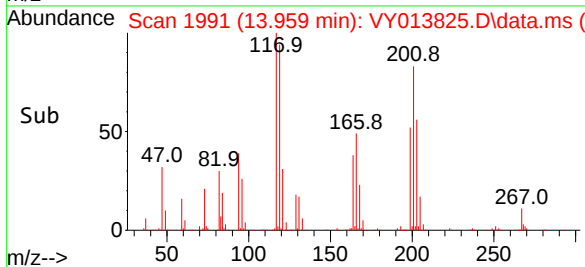
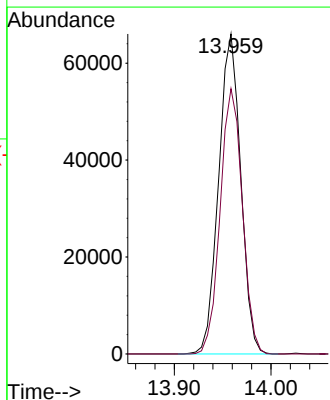
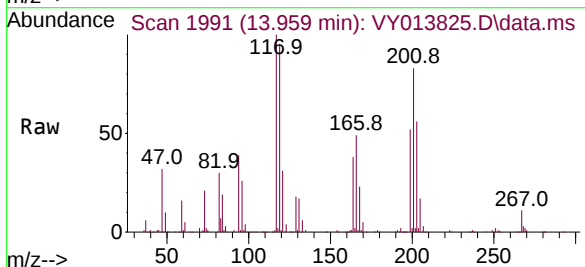
Acq: 19 May 2023 16:51

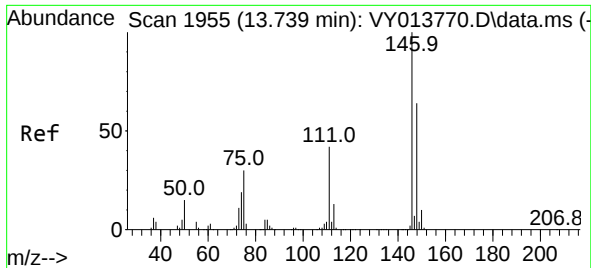
Tgt Ion: 117 Resp: 104532

Ion Ratio Lower Upper

117 100

201 83.0 39.2 117.6

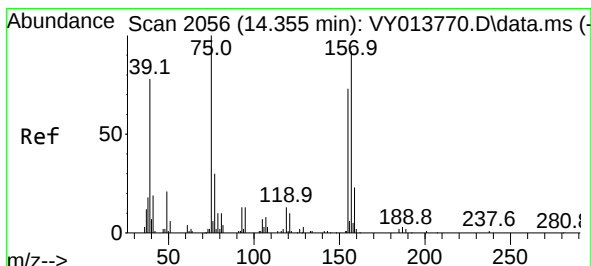
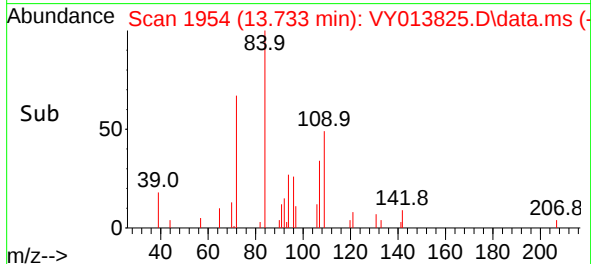
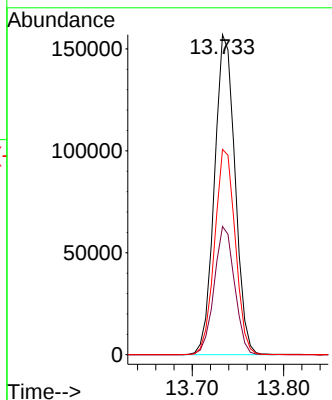
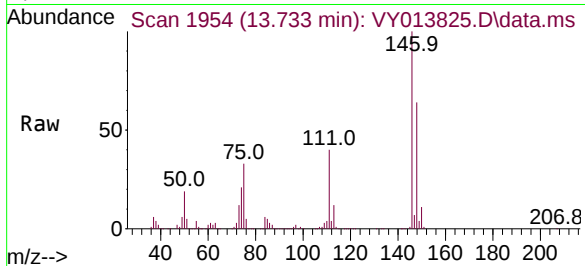




#91
1,2-Dichlorobenzene
Concen: 51.815 ug/l
RT: 13.733 min Scan# 1954
Delta R.T. -0.006 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

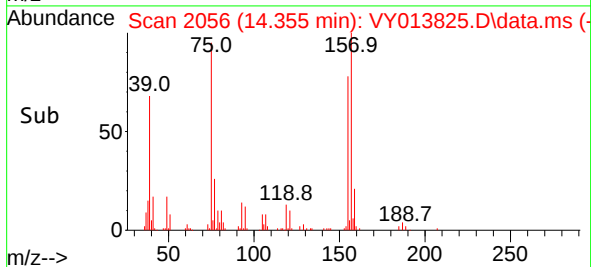
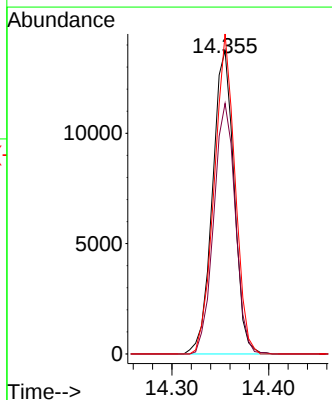
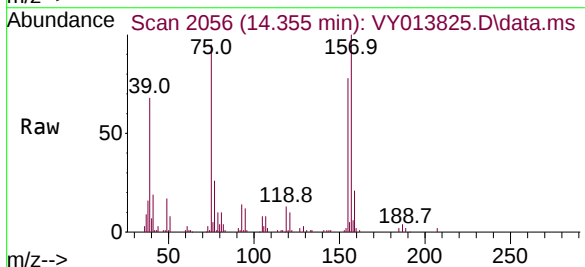
Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050EC

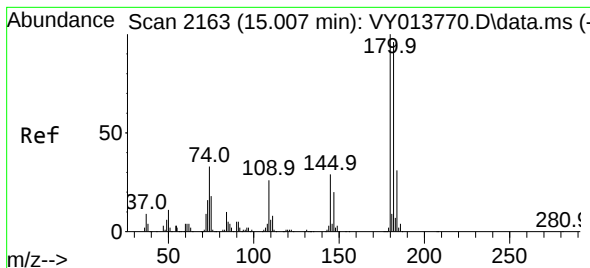
Tgt Ion:146 Resp: 246214
Ion Ratio Lower Upper
146 100
111 39.7 20.0 59.9
148 64.4 31.9 95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.747 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY013825.D
Acq: 19 May 2023 16:51

Tgt Ion: 75 Resp: 21261
Ion Ratio Lower Upper
75 100
155 82.6 39.1 117.3
157 101.3 50.2 150.7





#93

1,2,4-Trichlorobenzene

Concen: 51.865 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

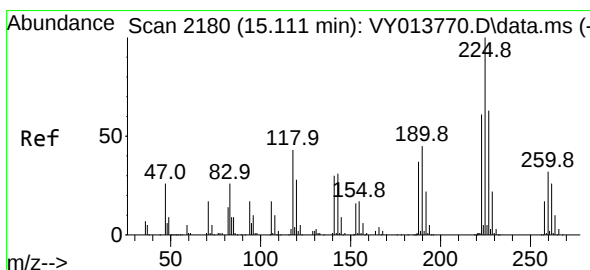
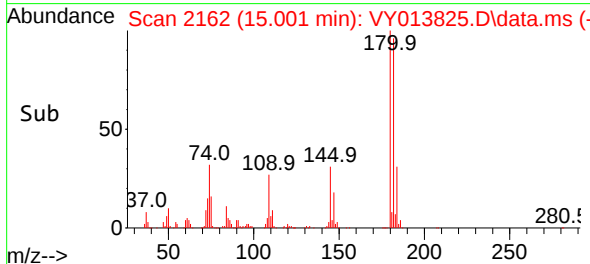
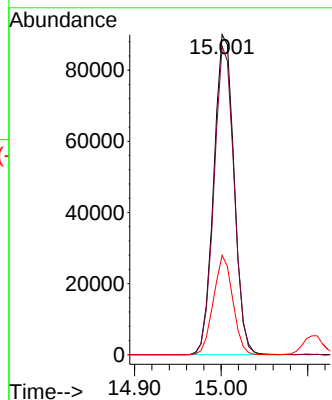
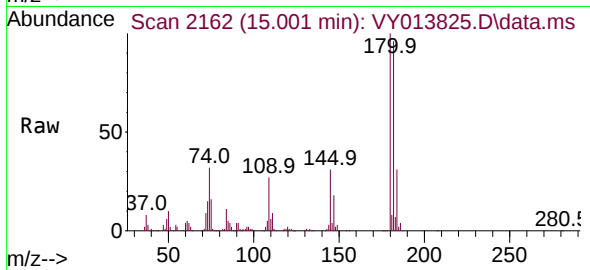
Tgt Ion:180 Resp: 146251

Ion Ratio Lower Upper

180 100

182 95.4 47.4 142.3

145 29.6 14.9 44.9



#94

Hexachlorobutadiene

Concen: 51.955 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

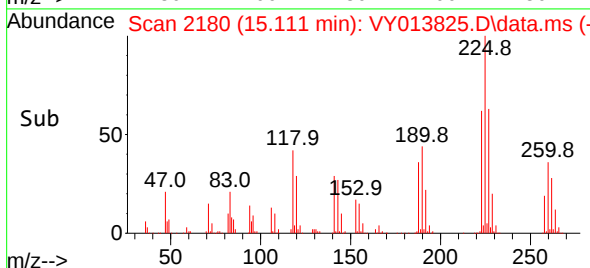
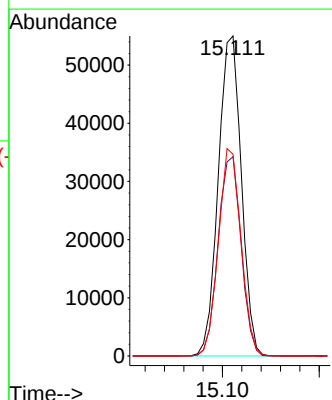
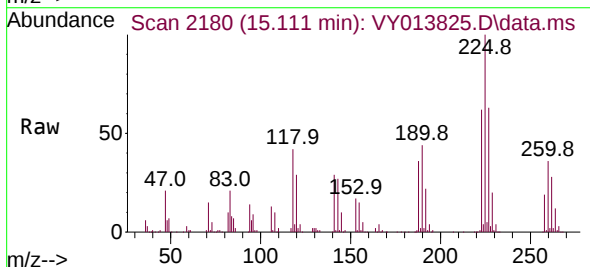
Tgt Ion:225 Resp: 91009

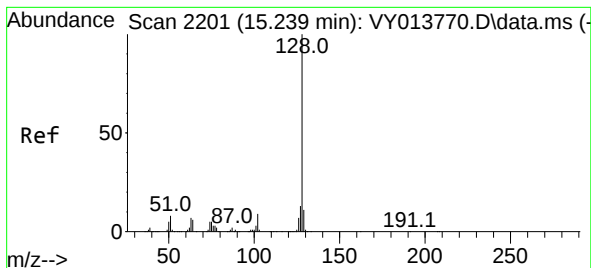
Ion Ratio Lower Upper

225 100

223 61.8 30.6 91.6

227 63.5 31.6 94.7





#95

Naphthalene

Concen: 50.465 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Instrument :

MSVOA_Y

ClientSampleId :

VSTDCCC050EC

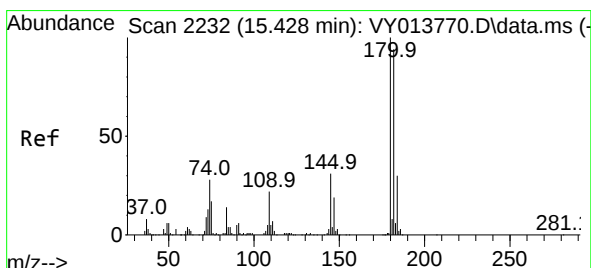
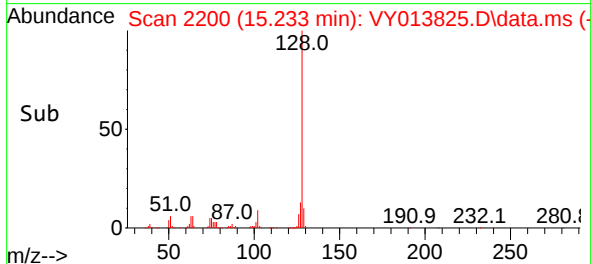
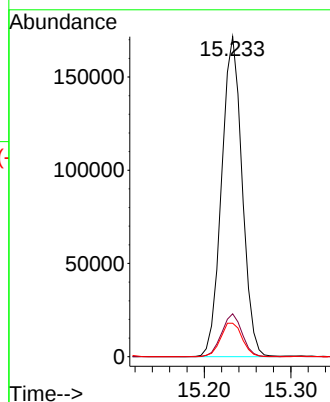
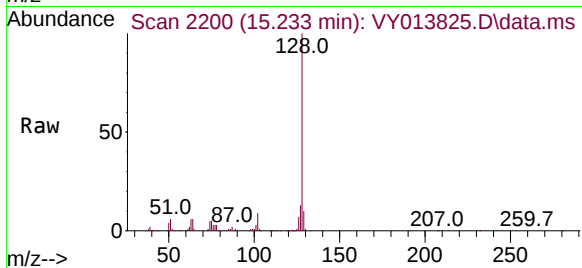
Tgt Ion:128 Resp: 282431

Ion Ratio Lower Upper

128 100

127 13.4 10.8 16.2

129 11.1 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 51.064 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.006 min

Lab File: VY013825.D

Acq: 19 May 2023 16:51

Tgt Ion:180 Resp: 129553

Ion Ratio Lower Upper

180 100

182 94.4 47.8 143.4

145 30.8 15.6 46.7

