

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013728.D
 Acq On : 15 May 2023 11:45
 Operator : KP/MD
 Sample : VY0515SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

Quant Time: May 15 15:38:08 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	224119	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	310565	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	157335	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	128877	52.456	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.920%	
35) Dibromofluoromethane	7.722	113	119343	55.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.060%	
50) Toluene-d8	10.179	98	389432	50.478	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 100.960%	
62) 4-Bromofluorobenzene	12.483	95	147661	56.774	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 113.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	46556	21.850	ug/l	97
3) Chloromethane	2.113	50	59174	20.719	ug/l	97
4) Vinyl Chloride	2.253	62	59953	21.083	ug/l	99
5) Bromomethane	2.656	94	52819	23.308	ug/l	95
6) Chloroethane	2.790	64	40678	20.706	ug/l	92
7) Trichlorofluoromethane	3.131	101	100888	23.419	ug/l	99
8) Diethyl Ether	3.528	74	33184	22.620	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.899	101	55962	23.159	ug/l	97
10) Methyl Iodide	4.095	142	60909	20.069	ug/l	98
11) Tert butyl alcohol	4.979	59	25144	91.277	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	51938	22.298	ug/l	93
13) Acrolein	3.729	56	19622	85.585	ug/l	97
14) Allyl chloride	4.485	41	94970	21.974	ug/l	97
15) Acrylonitrile	5.168	53	90635	110.319	ug/l	99
16) Acetone	3.960	43	101427	104.831	ug/l	93
17) Carbon Disulfide	4.198	76	150364	19.873	ug/l	97
18) Methyl Acetate	4.485	43	69695	21.810	ug/l	94
19) Methyl tert-butyl Ether	5.222	73	152367	22.659	ug/l	97
20) Methylene Chloride	4.716	84	88849	25.320	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	56714	22.269	ug/l	95
22) Diisopropyl ether	6.119	45	197407	23.369	ug/l	94
23) Vinyl Acetate	6.064	43	580190	121.305	ug/l	95
24) 1,1-Dichloroethane	6.021	63	110135	23.393	ug/l	100
25) 2-Butanone	6.990	43	130870	106.655	ug/l	94
26) 2,2-Dichloropropane	6.984	77	97759	24.097	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	66534	23.645	ug/l	98
28) Bromochloromethane	7.338	49	38822	23.237	ug/l	83
29) Tetrahydrofuran	7.350	42	77121	100.970	ug/l	92
30) Chloroform	7.509	83	115505	24.675	ug/l	99
31) Cyclohexane	7.789	56	92665	21.066	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	99107	23.726	ug/l	98
36) 1,1-Dichloropropene	7.917	75	82879	23.027	ug/l	97
37) Ethyl Acetate	7.076	43	55726	20.574	ug/l	98
38) Carbon Tetrachloride	7.905	117	91076	24.143	ug/l	94
39) Methylcyclohexane	9.185	83	91351	21.529	ug/l	91
40) Benzene	8.161	78	239007	23.574	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	77072	61.064	ug/l #	21
42) 1,2-Dichloroethane	8.240	62	80110	24.169	ug/l	98
43) Isopropyl Acetate	8.277	43	98264	21.494	ug/l	97
44) Trichloroethene	8.941	130	64509	23.920	ug/l	100
45) 1,2-Dichloropropane	9.216	63	63349	23.897	ug/l	96
46) Dibromomethane	9.307	93	36868	23.244	ug/l	97
47) Bromodichloromethane	9.496	83	87442	24.638	ug/l	98
48) Methyl methacrylate	9.295	41	46758	22.270	ug/l	92
49) 1,4-Dioxane	9.307	88	9702	428.287	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	275209	108.028	ug/l	96
52) Toluene	10.240	92	147474	24.172	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	88368	23.526	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	97530	23.075	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	50260	23.928	ug/l	96
56) Ethyl methacrylate	10.508	69	66252	22.735	ug/l	93
57) 1,3-Dichloropropane	10.788	76	84817	23.843	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	123031	112.589	ug/l	93
59) 2-Hexanone	10.831	43	199081	107.503	ug/l	95
60) Dibromochloromethane	10.984	129	60603	23.762	ug/l	98
61) 1,2-Dibromoethane	11.087	107	47516	23.009	ug/l	99
64) Tetrachloroethene	10.721	164	54836	23.220	ug/l	98
65) Chlorobenzene	11.514	112	156190	23.087	ug/l	93
66) 1,1,1,2-Tetrachloroethane	11.587	131	62329	24.634	ug/l	99
67) Ethyl Benzene	11.593	91	277498	23.359	ug/l	99
68) m/p-Xylenes	11.703	106	212436	47.039	ug/l	97
69) o-Xylene	12.026	106	99117	23.206	ug/l	96
70) Styrene	12.044	104	167277	23.423	ug/l	98
71) Bromoform	12.209	173	41279	23.292	ug/l #	100
73) Isopropylbenzene	12.331	105	266338	22.381	ug/l	98
74) N-amyl acetate	12.142	43	87654	20.698	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	62667	21.544	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	80596	37.984	ug/l #	100
77) Bromobenzene	12.605	156	66772	23.157	ug/l	94
78) n-propylbenzene	12.672	91	332413	22.678	ug/l	97
79) 2-Chlorotoluene	12.758	91	186593	22.796	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	223853	23.047	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	21860	21.074	ug/l	97
82) 4-Chlorotoluene	12.855	91	196083	22.983	ug/l	97
83) tert-Butylbenzene	13.075	119	191763	22.788	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	219646	23.260	ug/l	100
85) sec-Butylbenzene	13.251	105	286923	22.719	ug/l	100
86) p-Isopropyltoluene	13.367	119	238594	23.493	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	126139	22.961	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	128585	23.171	ug/l	98
89) n-Butylbenzene	13.696	91	226627	22.863	ug/l	98
90) Hexachloroethane	13.959	117	47781	22.354	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	115431	23.269	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10599	20.632	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	70193	23.733	ug/l	98
94) Hexachlorobutadiene	15.111	225	43737	25.409	ug/l	99
95) Naphthalene	15.233	128	136507	21.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	61960	23.504	ug/l	97

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ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VY0515SBSD01

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QLast Update : Tue Apr 25 02:39:58 2023
Response via : Initial Calibration

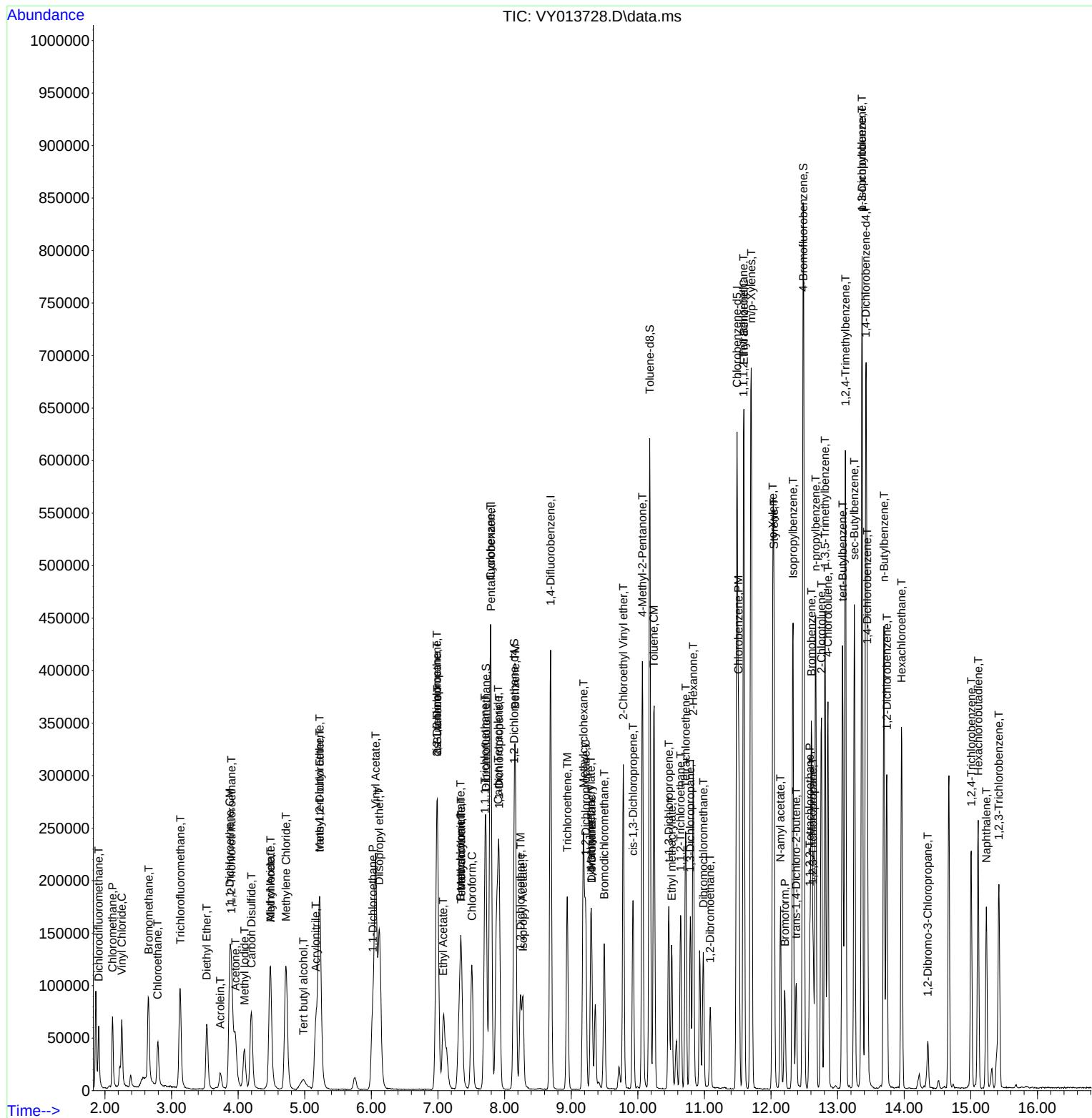
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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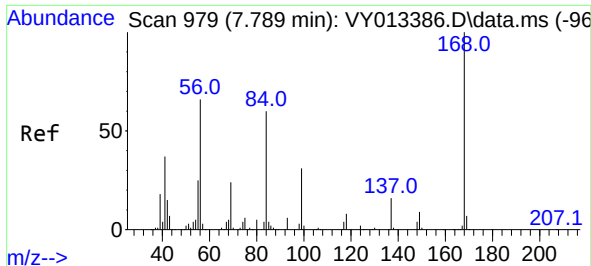
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: May 15 15:38:08 2023
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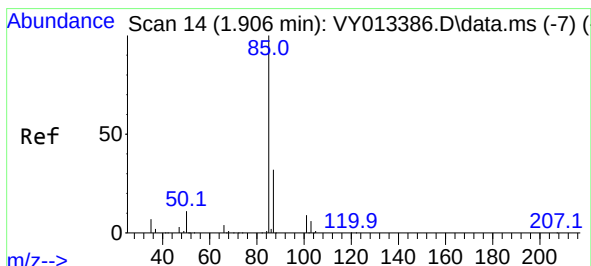
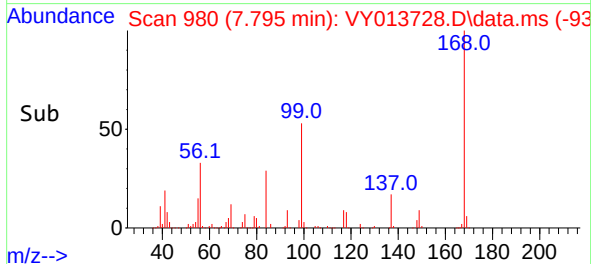
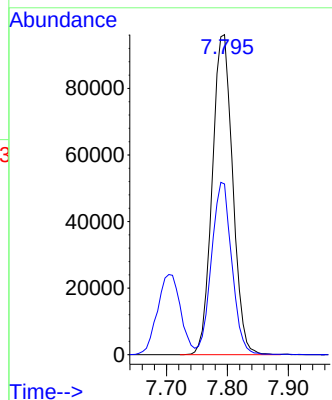
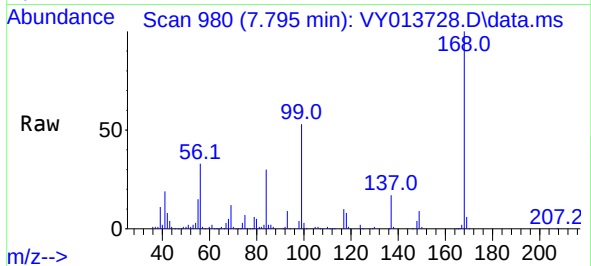




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 99
Delta R.T. 0.006 min
Lab File: VY013728.D
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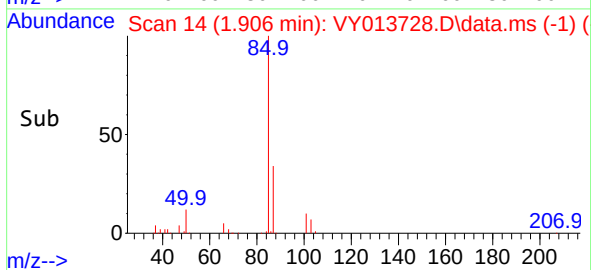
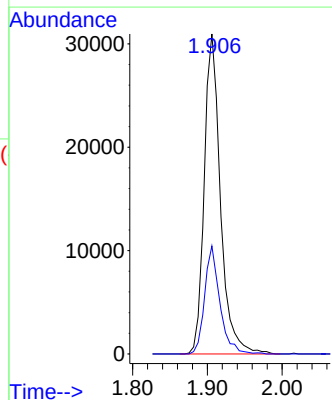
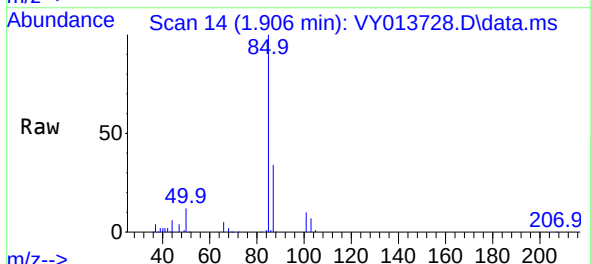
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

Tgt Ion:168 Resp: 224119
Ion Ratio Lower Upper
168 100
99 53.2 41.8 62.6

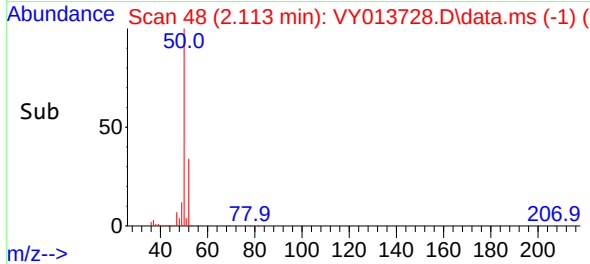
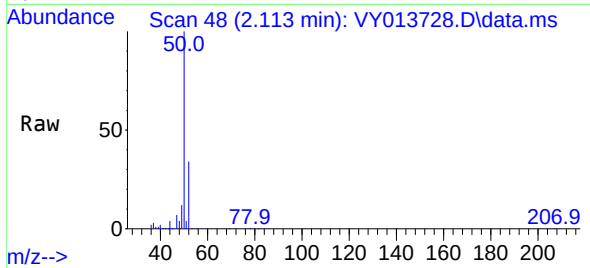
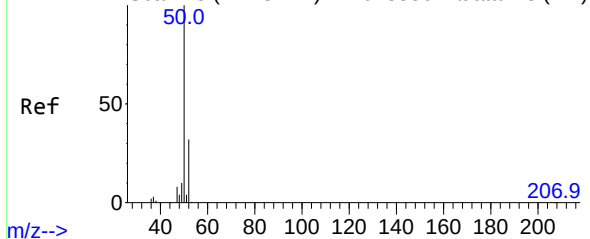


#2
Dichlorodifluoromethane
Concen: 21.850 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 85 Resp: 46556
Ion Ratio Lower Upper
85 100
87 33.8 16.1 48.2



Abundance Scan 48 (2.113 min): VY013386.D\data.ms (-41)



#3

Chloromethane

Concen: 20.719 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

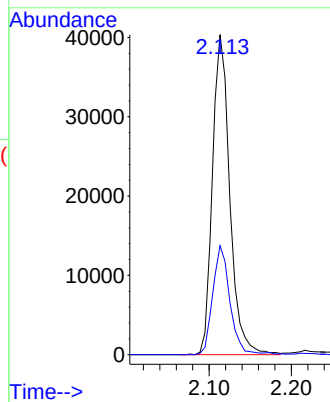
VY0515SBS01

Tgt Ion: 50 Resp: 59174

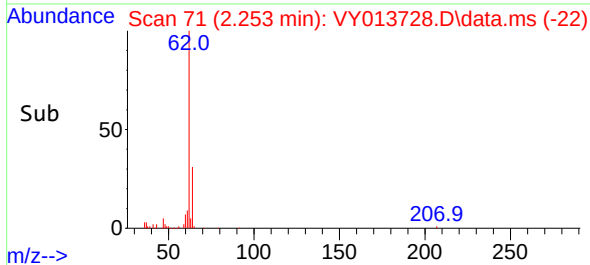
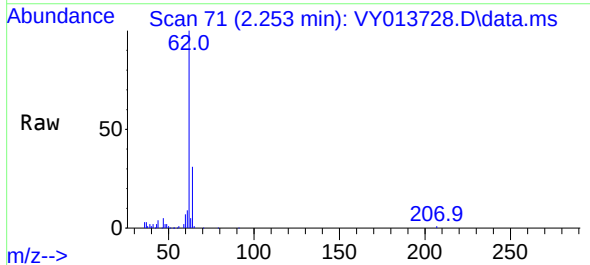
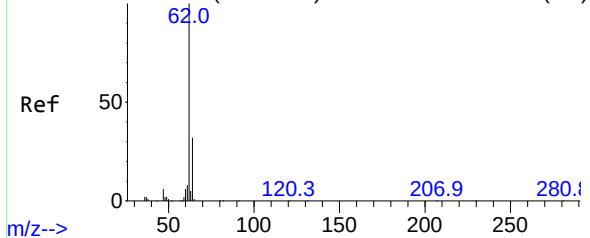
Ion Ratio Lower Upper

50 100

52 34.0 25.9 38.9



Abundance Scan 71 (2.253 min): VY013386.D\data.ms (-63)



#4

Vinyl Chloride

Concen: 21.083 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.000 min

Lab File: VY013728.D

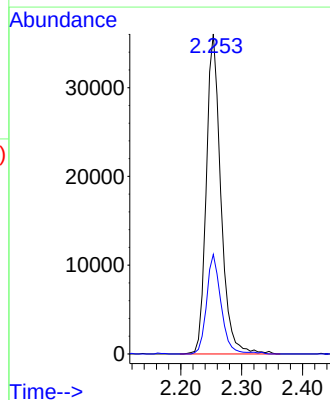
Acq: 15 May 2023 11:45

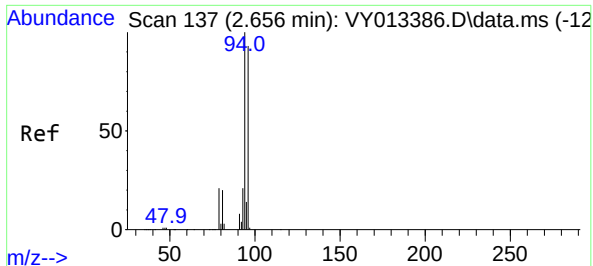
Tgt Ion: 62 Resp: 59953

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0

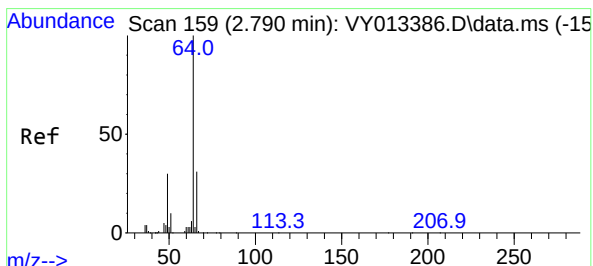
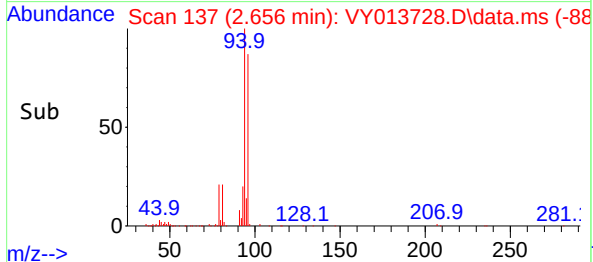
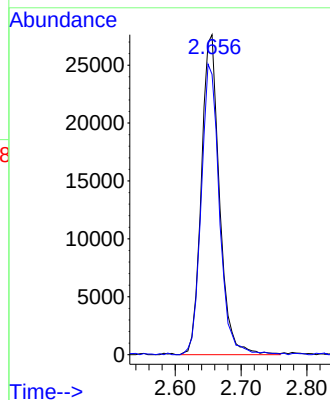
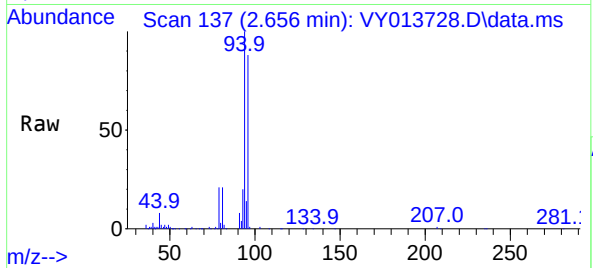




#5
Bromomethane
Concen: 23.308 ug/l
RT: 2.656 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

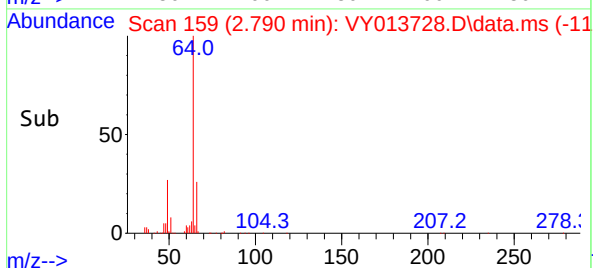
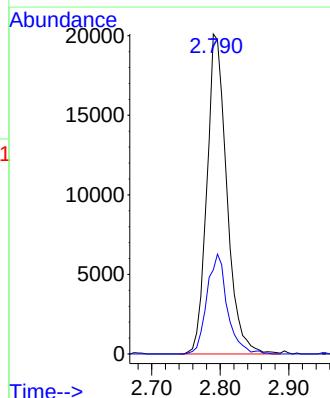
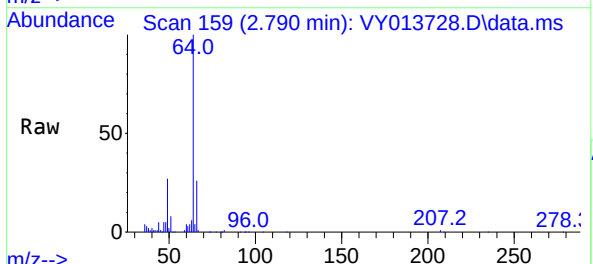
Instrument :
MSVOA_Y
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VY0515SBSD01

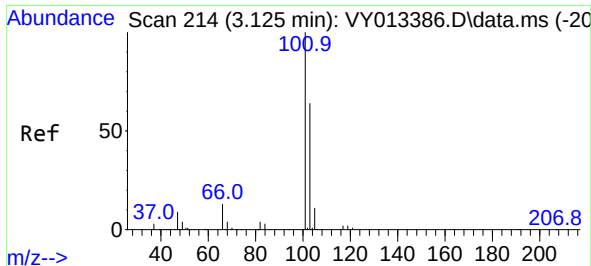
Tgt Ion: 94 Resp: 52819
Ion Ratio Lower Upper
94 100
96 87.6 74.2 111.2



#6
Chloroethane
Concen: 20.706 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 64 Resp: 40678
Ion Ratio Lower Upper
64 100
66 26.3 24.6 37.0

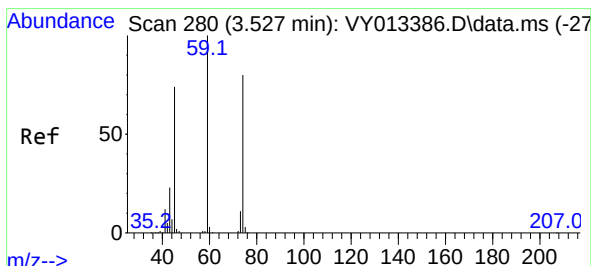
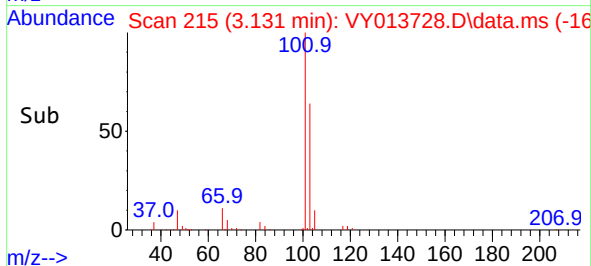
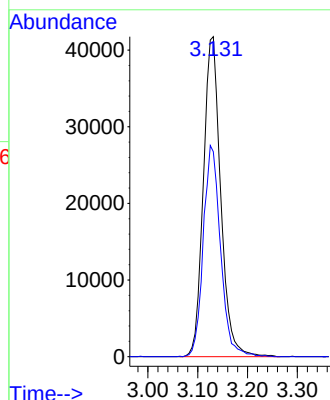
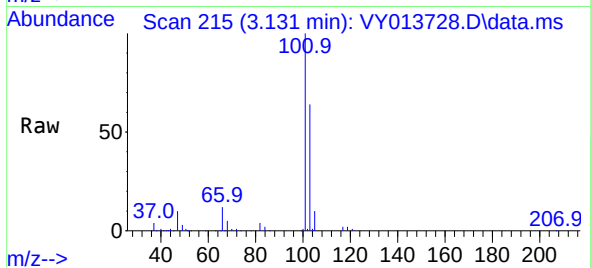




#7
Trichlorofluoromethane
Concen: 23.419 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

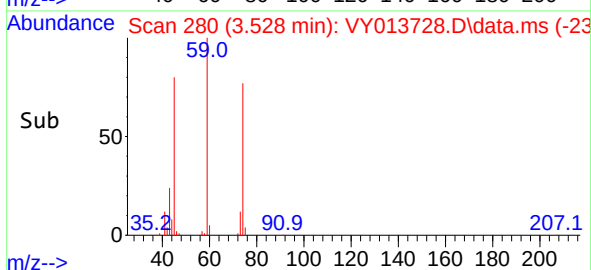
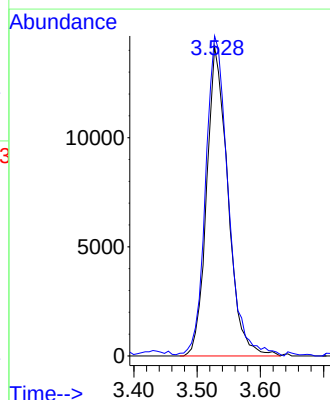
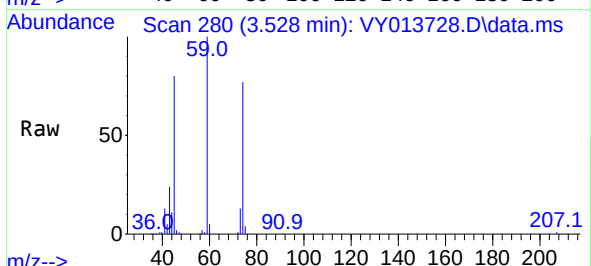
Instrument :
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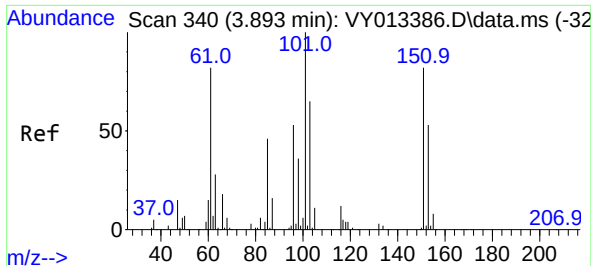
Tgt Ion:101 Resp: 100888
Ion Ratio Lower Upper
101 100
103 64.0 51.6 77.4



#8
Diethyl Ether
Concen: 22.620 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 74 Resp: 33184
Ion Ratio Lower Upper
74 100
45 109.9 48.2 144.6

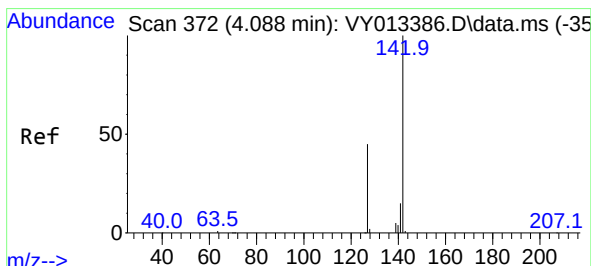
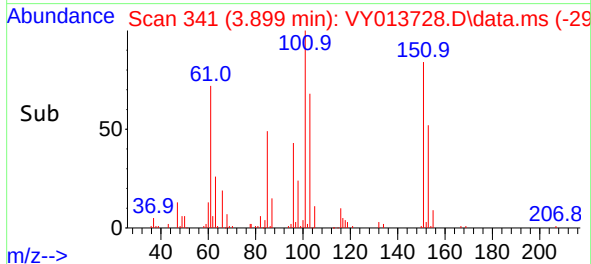
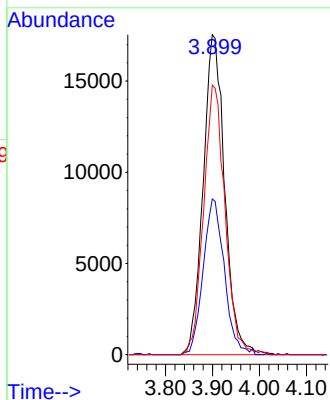
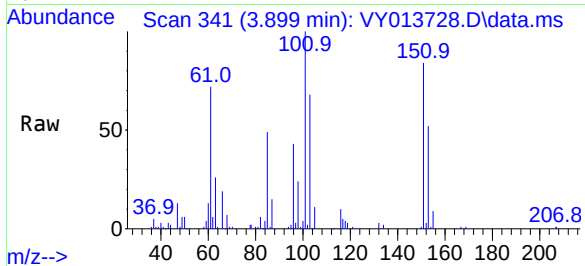




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.159 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

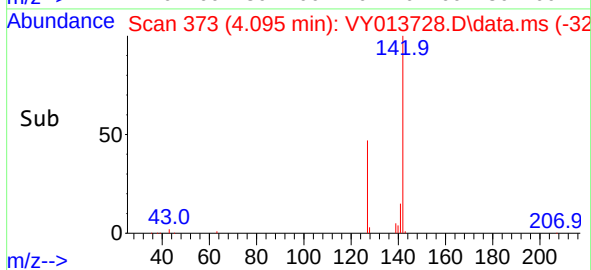
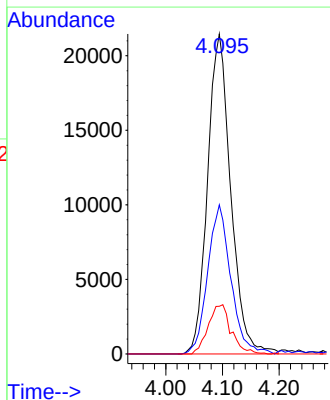
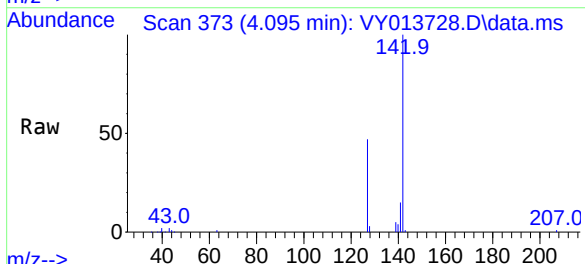
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

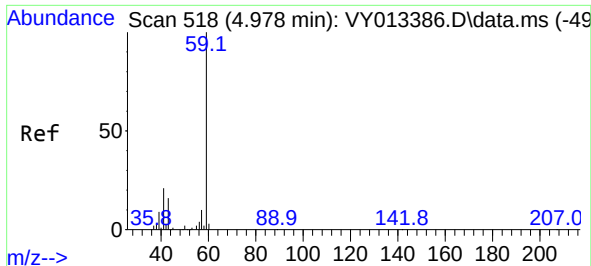
Tgt Ion:101 Resp: 55962
Ion Ratio Lower Upper
101 100
85 47.7 35.6 53.4
151 83.3 68.0 102.0



#10
Methyl Iodide
Concen: 20.069 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.007 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:142 Resp: 60909
Ion Ratio Lower Upper
142 100
127 46.6 36.1 54.1
141 15.2 11.6 17.4

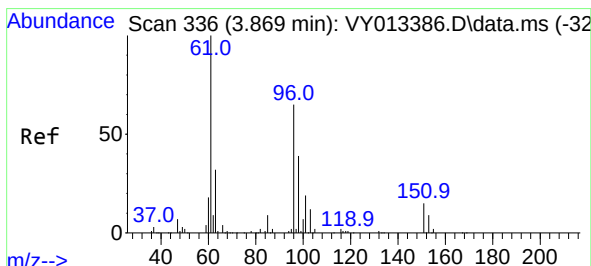
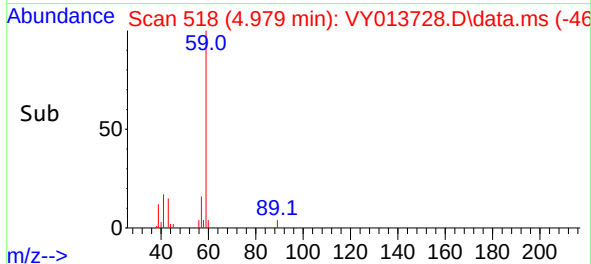
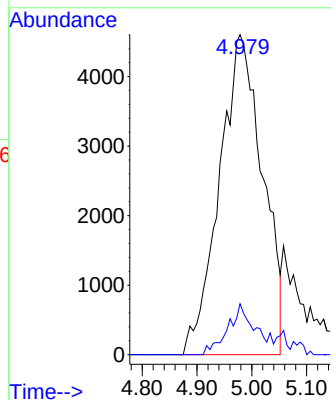
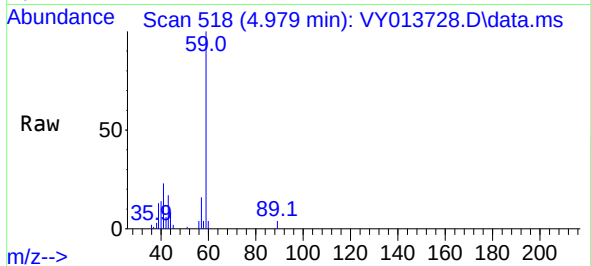




#11
Tert butyl alcohol
Concen: 91.277 ug/l
RT: 4.979 min Scan# 518
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

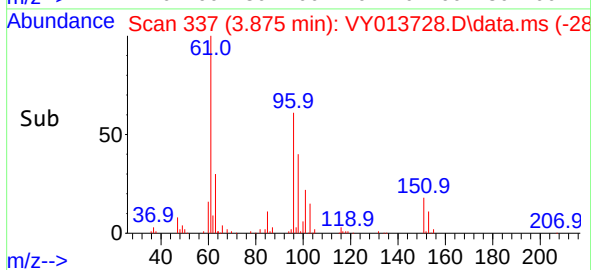
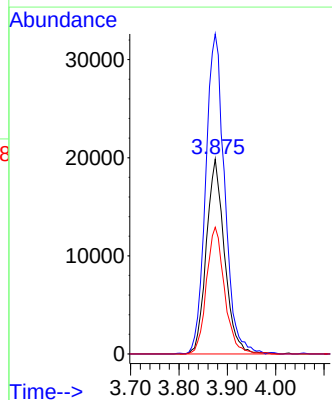
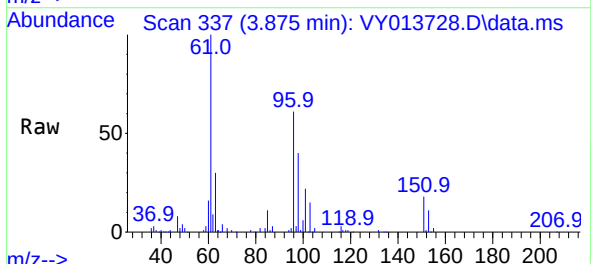
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

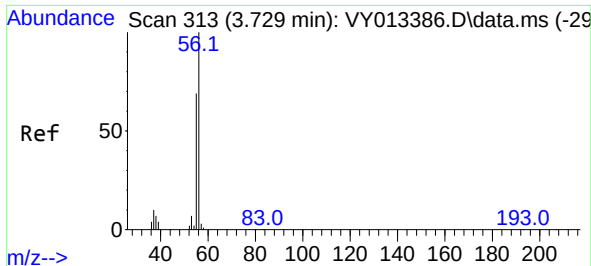
Tgt Ion: 59 Resp: 25144
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 22.298 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 96 Resp: 51938
Ion Ratio Lower Upper
96 100
61 164.3 123.9 185.9
98 65.0 48.9 73.3

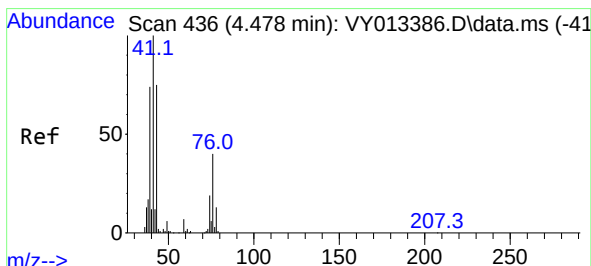
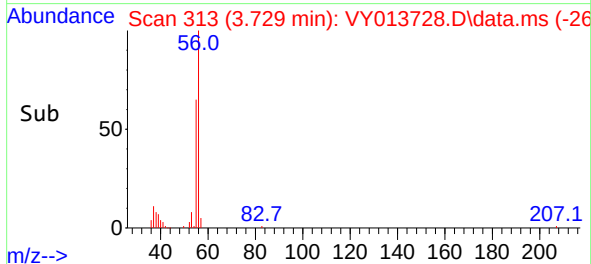
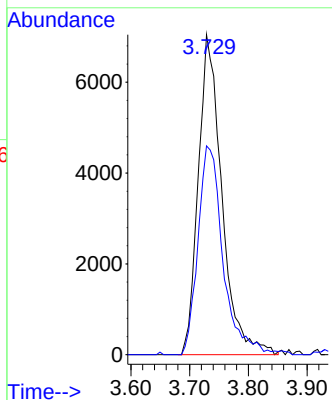
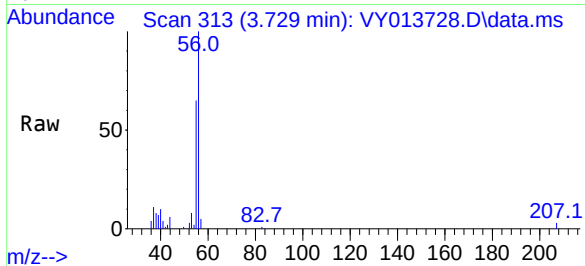




#13
Acrolein
Concen: 85.585 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

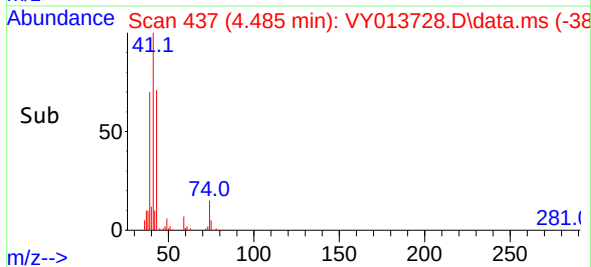
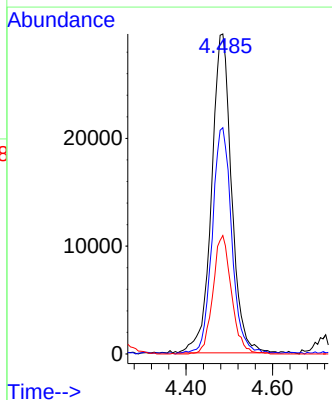
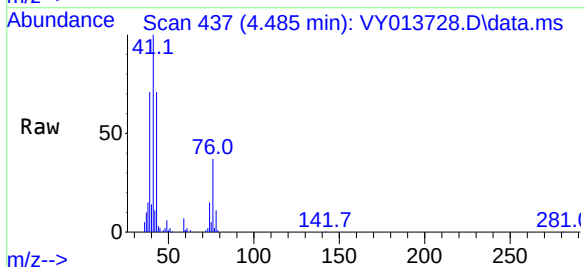
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

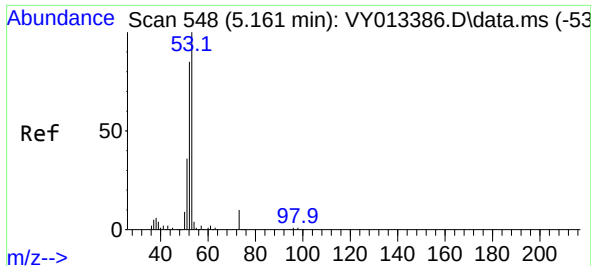
Tgt Ion: 56 Resp: 19622
Ion Ratio Lower Upper
56 100
55 69.7 54.1 81.1



#14
Allyl chloride
Concen: 21.974 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 41 Resp: 94970
Ion Ratio Lower Upper
41 100
39 69.9 56.6 85.0
76 34.5 30.5 45.7

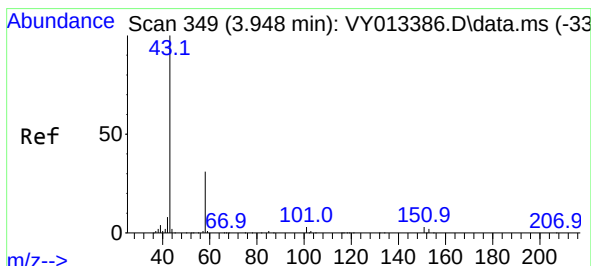
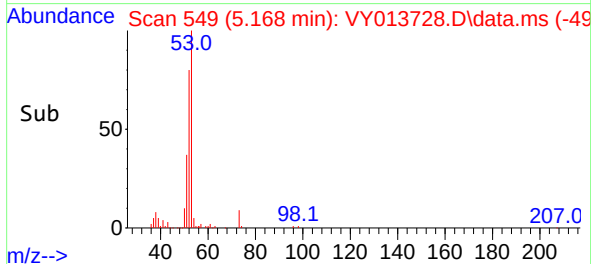
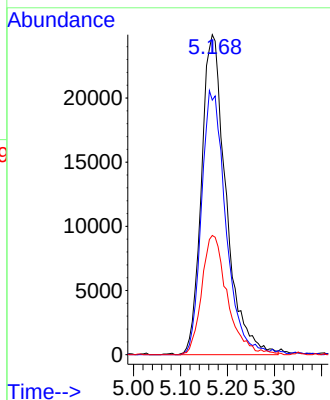
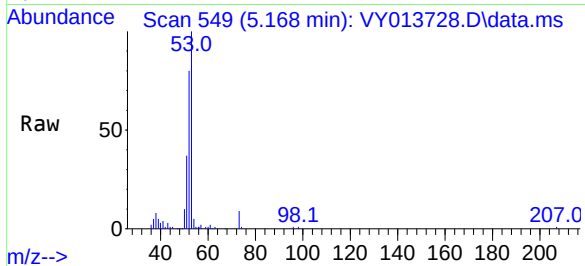




#15
Acrylonitrile
Concen: 110.319 ug/l
RT: 5.168 min Scan# 54
Delta R.T. 0.007 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

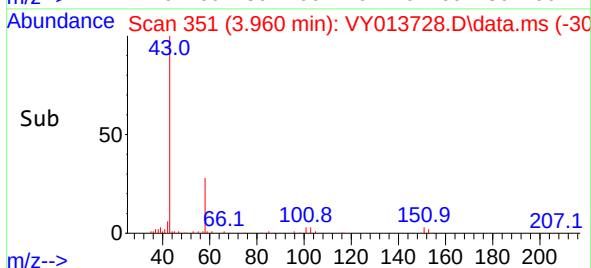
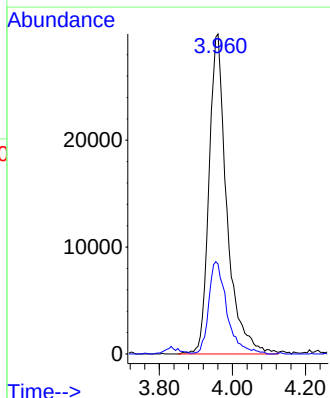
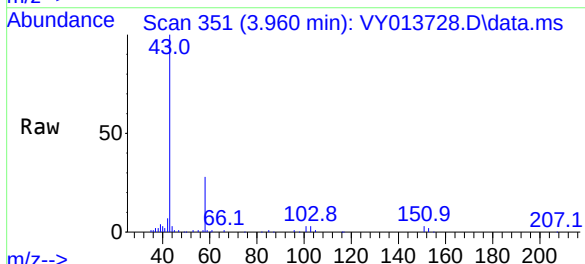
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

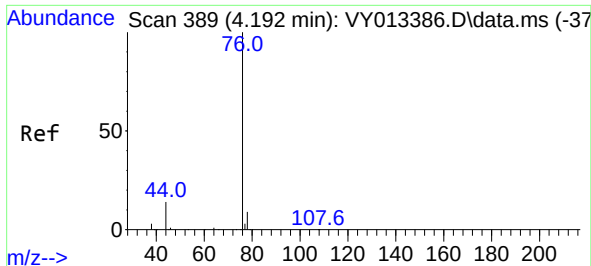
Tgt Ion: 53 Resp: 90635
Ion Ratio Lower Upper
53 100
52 81.5 65.4 98.0
51 38.3 29.3 43.9



#16
Acetone
Concen: 104.831 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.012 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 43 Resp: 101427
Ion Ratio Lower Upper
43 100
58 27.9 25.4 38.0

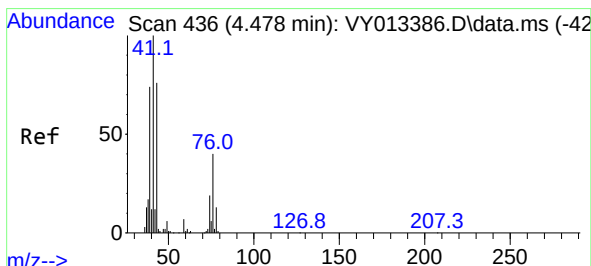
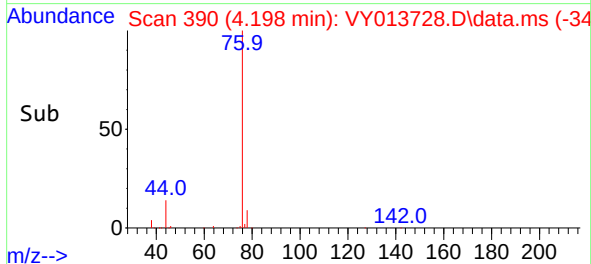
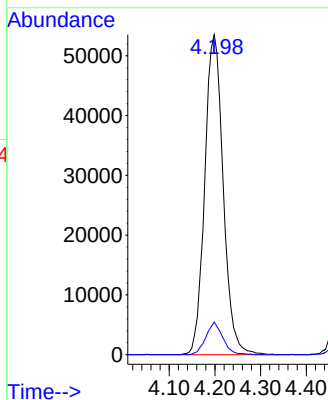
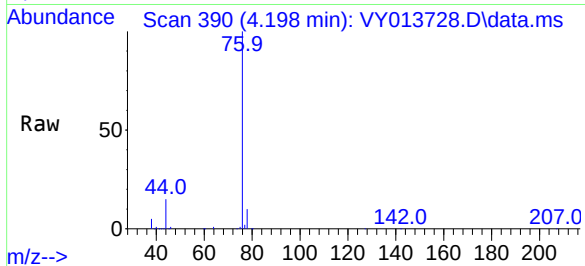




#17
Carbon Disulfide
Concen: 19.873 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

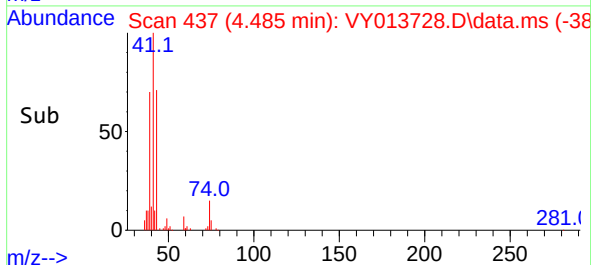
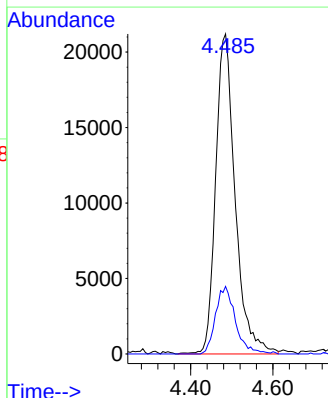
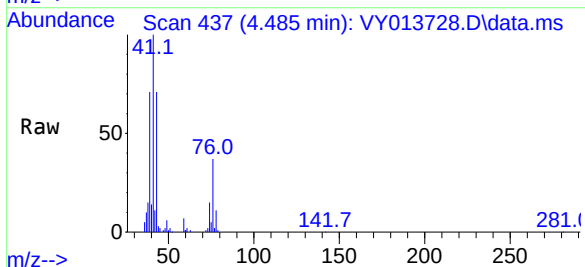
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

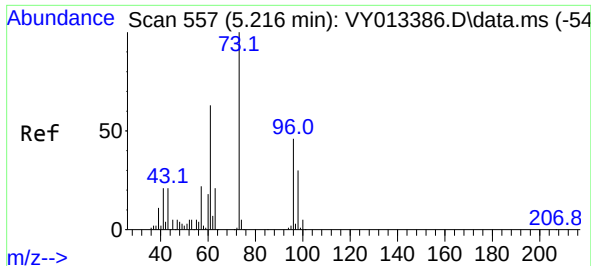
Tgt Ion: 76 Resp: 150364
Ion Ratio Lower Upper
76 100
78 10.2 7.2 10.8



#18
Methyl Acetate
Concen: 21.810 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.007 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 43 Resp: 69695
Ion Ratio Lower Upper
43 100
74 21.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 22.659 ug/l

RT: 5.222 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

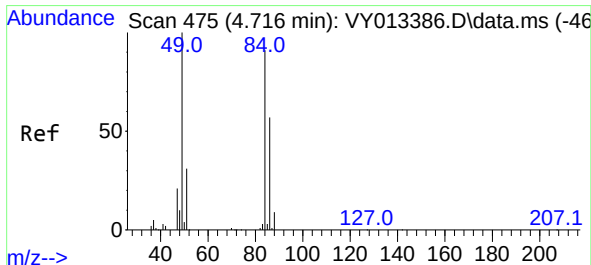
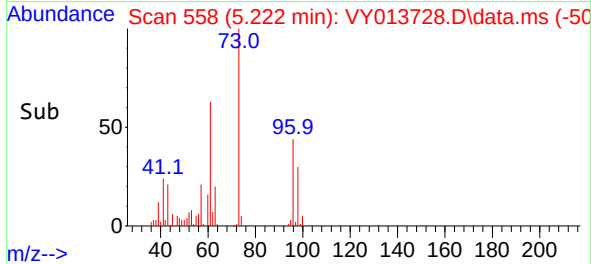
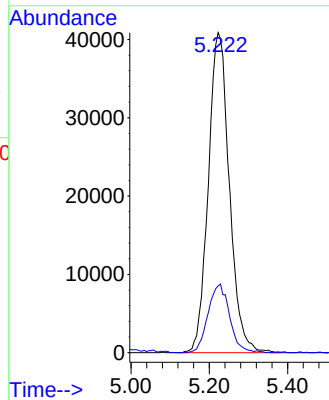
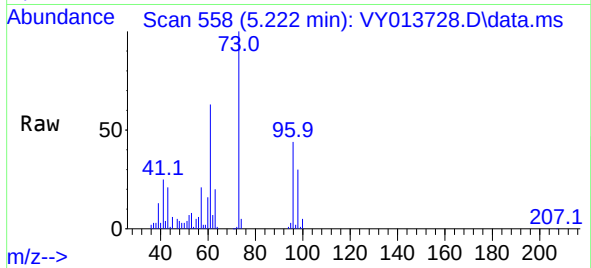
VY0515SBS01

Tgt Ion: 73 Resp: 152367

Ion Ratio Lower Upper

73 100

57 20.9 17.8 26.8



#20

Methylene Chloride

Concen: 25.320 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.000 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

Tgt Ion: 84 Resp: 88849

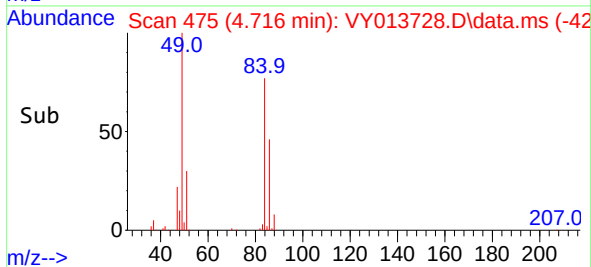
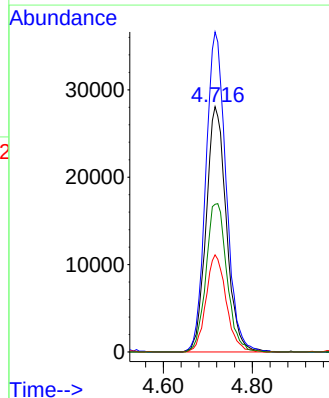
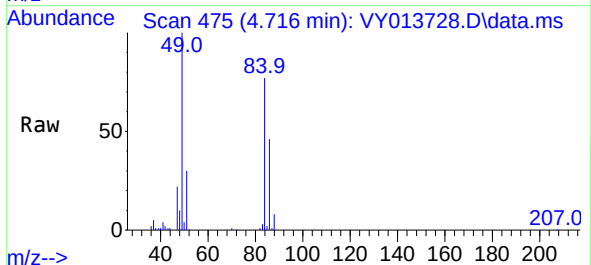
Ion Ratio Lower Upper

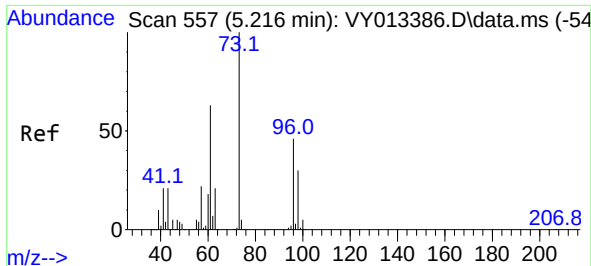
84 100

49 130.5 88.0 132.0

51 39.6 27.4 41.0

86 60.2 50.4 75.6

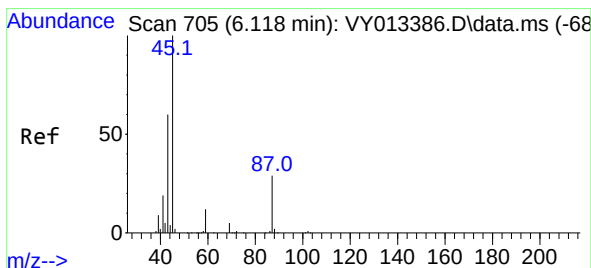
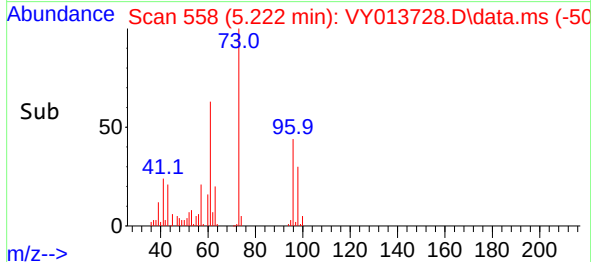
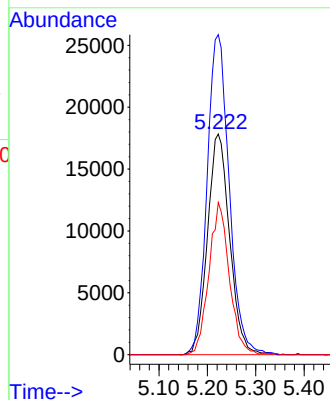
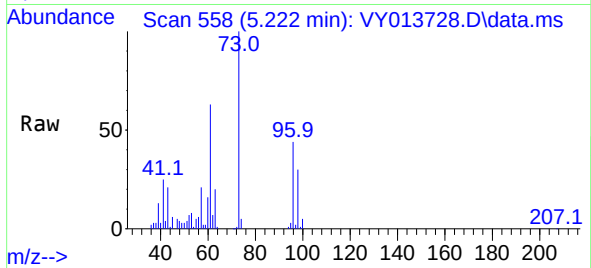




#21
trans-1,2-Dichloroethene
Concen: 22.269 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

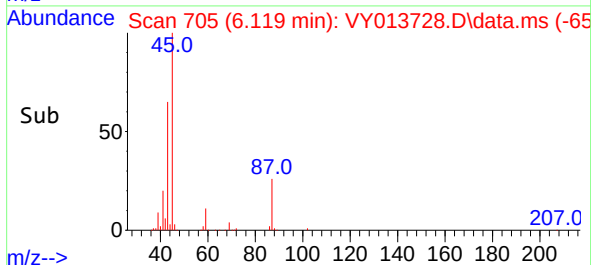
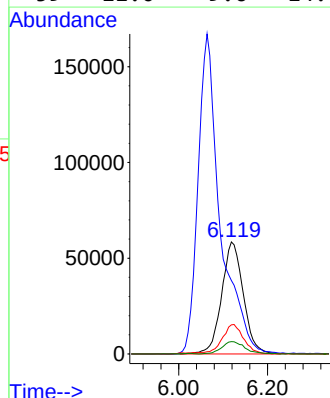
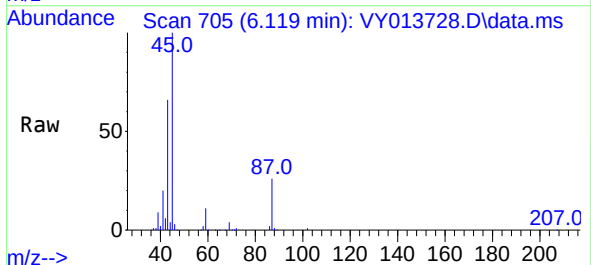
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

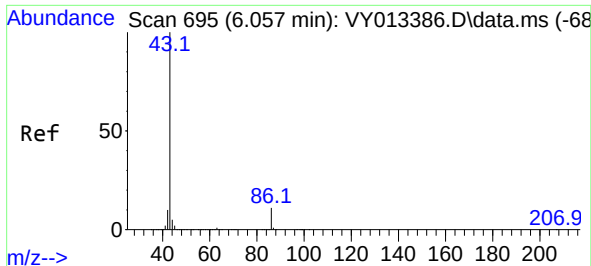
Tgt Ion: 96 Resp: 56714
Ion Ratio Lower Upper
96 100
61 145.0 110.6 165.8
98 68.9 53.1 79.7



#22
Diisopropyl ether
Concen: 23.369 ug/l
RT: 6.119 min Scan# 705
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 45 Resp: 197407
Ion Ratio Lower Upper
45 100
43 64.9 48.4 72.6
87 25.9 23.8 35.6
59 11.0 9.6 14.4

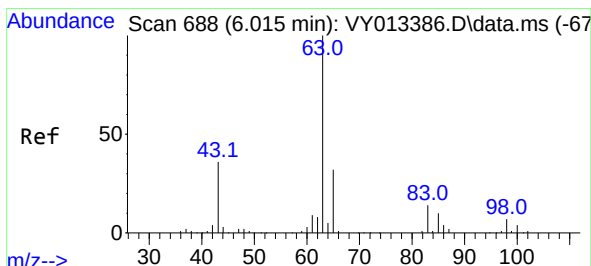
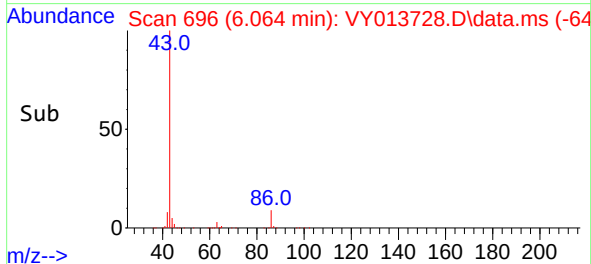
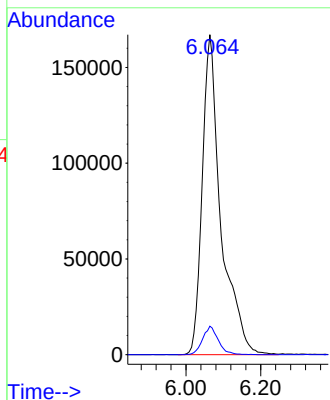
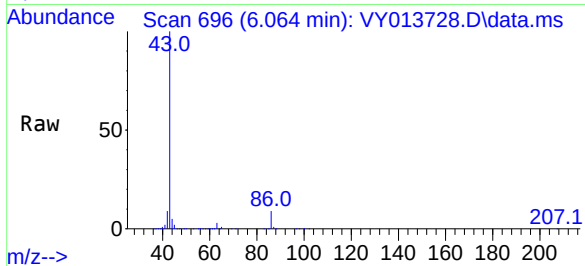




#23
 Vinyl Acetate
 Concen: 121.305 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.007 min
 Lab File: VY013728.D
 Acq: 15 May 2023 11:45

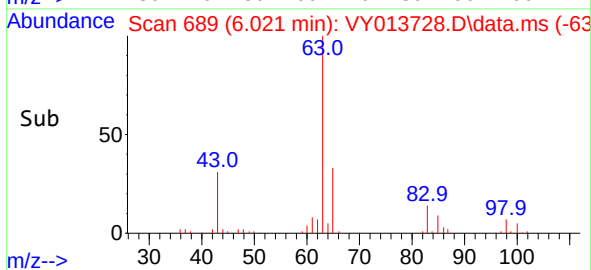
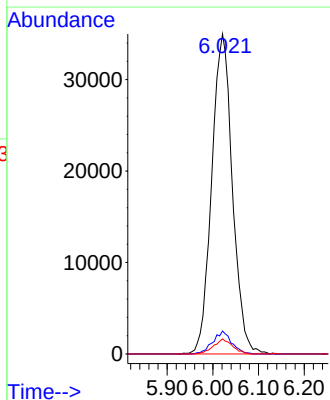
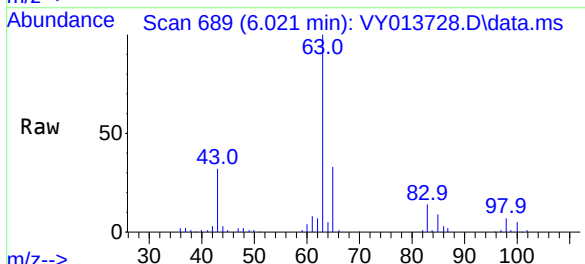
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

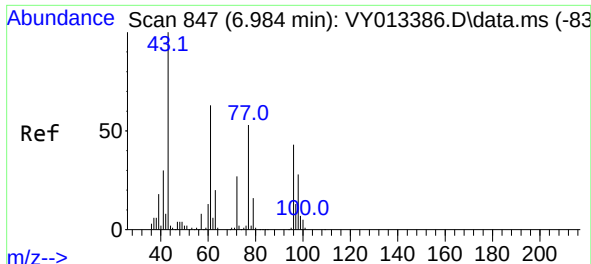
Tgt Ion: 43 Resp: 580190
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 23.393 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY013728.D
 Acq: 15 May 2023 11:45

Tgt Ion: 63 Resp: 110135
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.5 10.6
 100 4.7 2.2 6.6

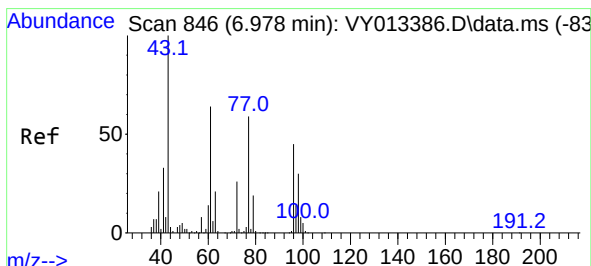
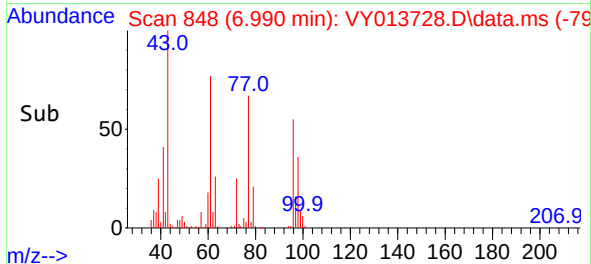
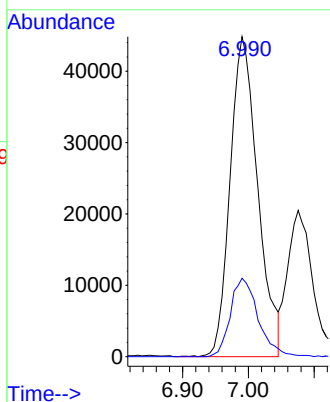
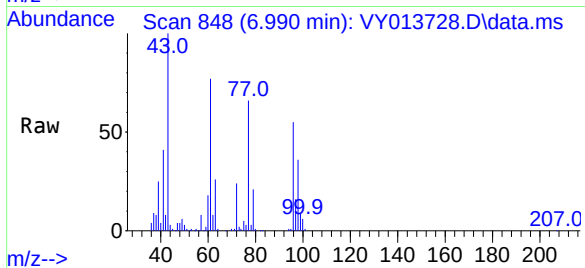




#25
2-Butanone
Concen: 106.655 ug/l
RT: 6.990 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

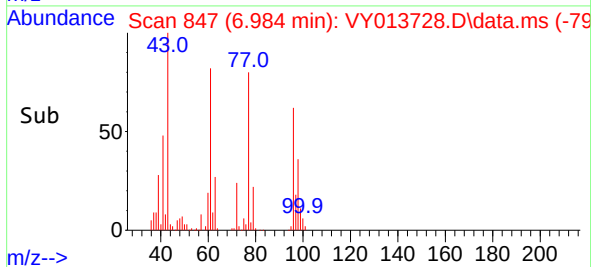
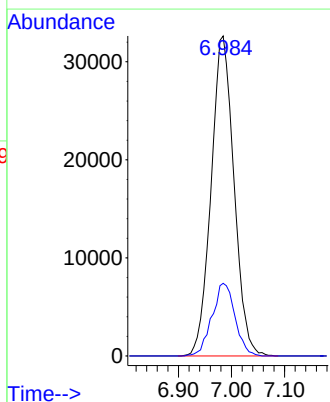
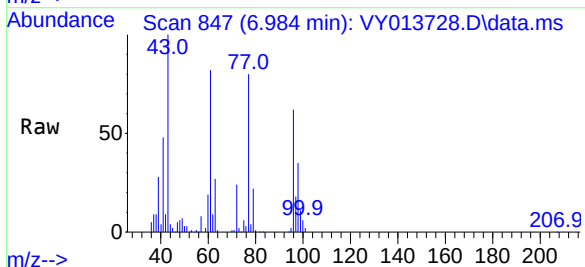
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

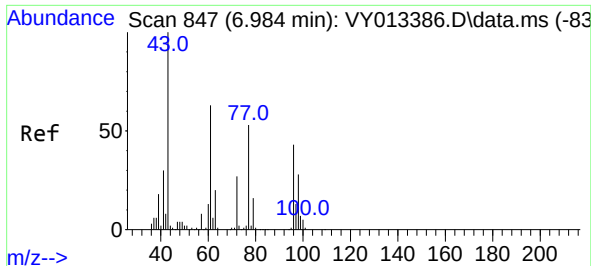
Tgt Ion: 43 Resp: 130870
Ion Ratio Lower Upper
43 100
72 24.5 21.9 32.9



#26
2,2-Dichloropropane
Concen: 24.097 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 77 Resp: 97759
Ion Ratio Lower Upper
77 100
97 22.8 11.8 35.4

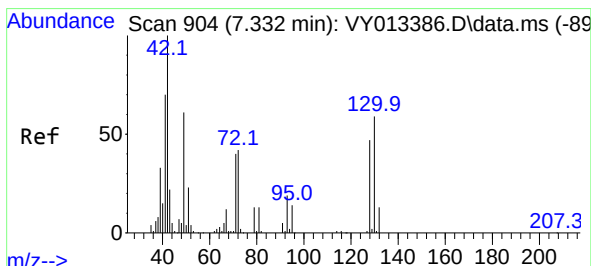
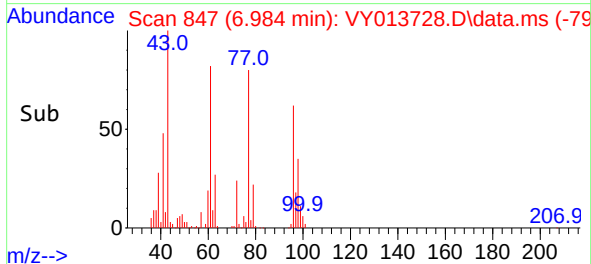
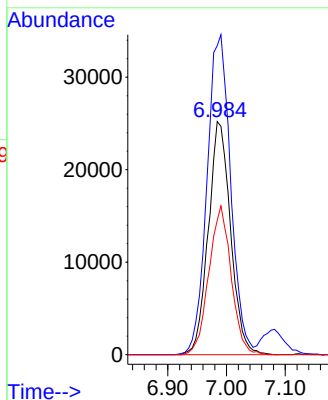
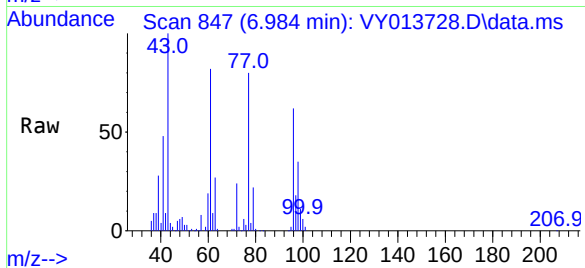




#27
cis-1,2-Dichloroethene
Concen: 23.645 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

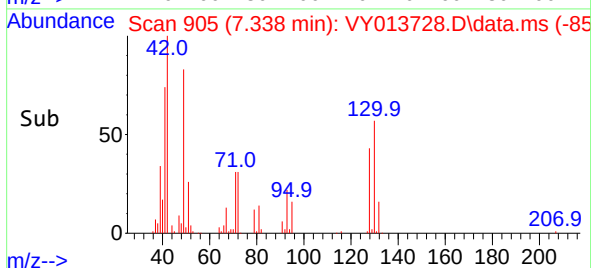
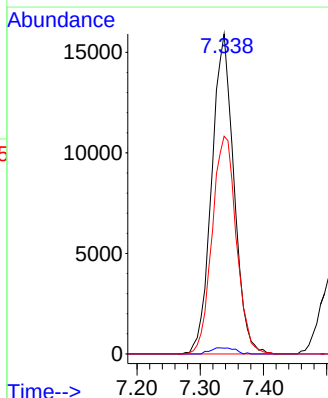
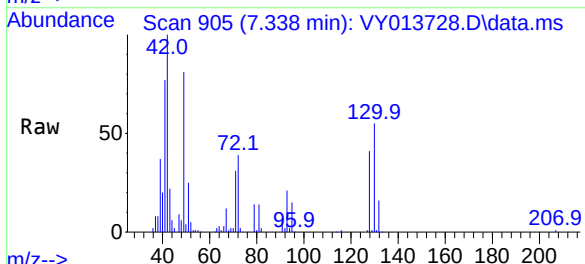
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

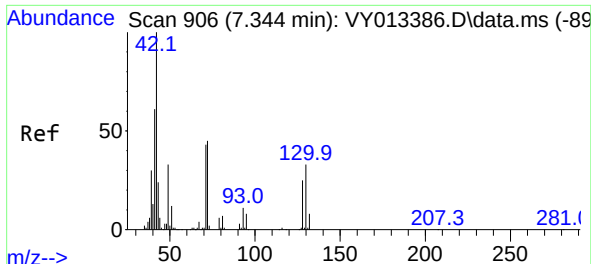
Tgt Ion: 96 Resp: 66534
Ion Ratio Lower Upper
96 100
61 145.3 0.0 285.0
98 63.7 0.0 130.6



#28
Bromochloromethane
Concen: 23.237 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 49 Resp: 38822
Ion Ratio Lower Upper
49 100
129 2.2 0.0 5.2
130 73.8 72.1 108.1

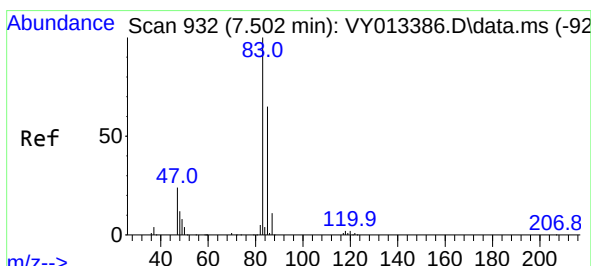
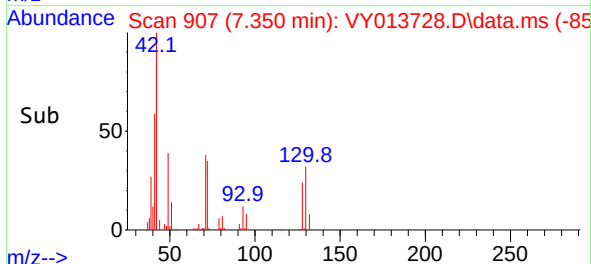
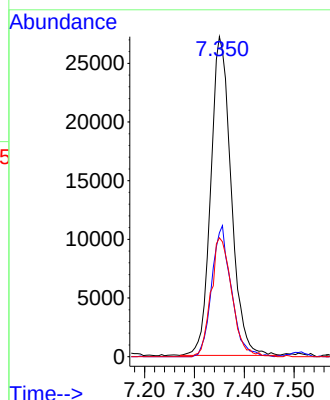
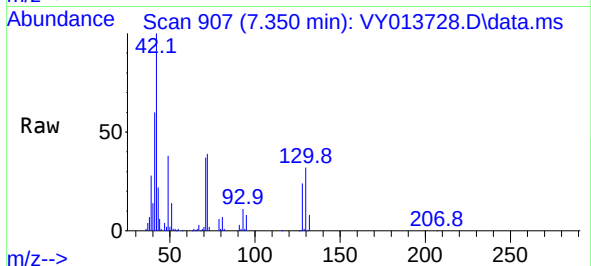




#29
Tetrahydrofuran
Concen: 100.970 ug/l
RT: 7.350 min Scan# 906
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

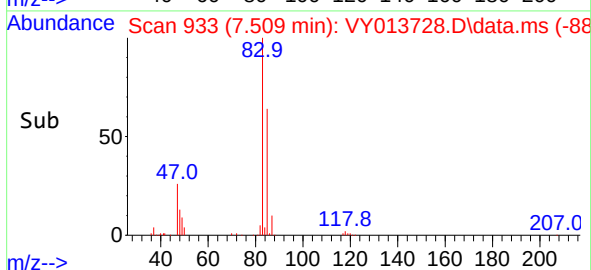
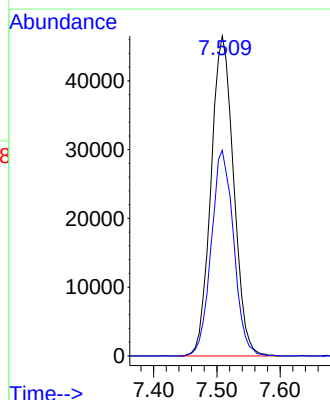
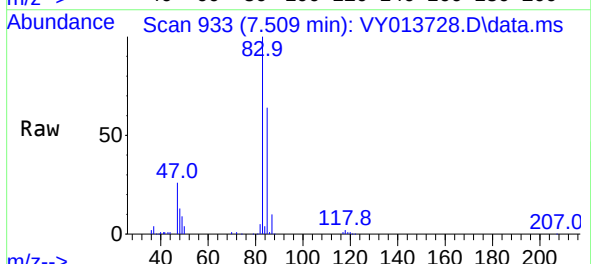
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

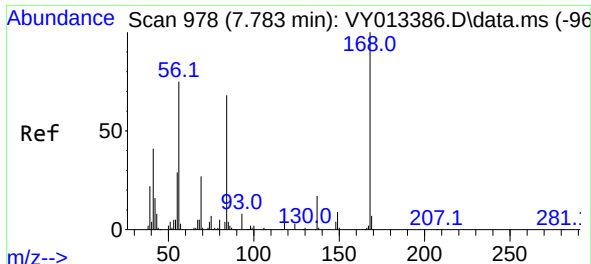
Tgt Ion:	42	Resp:	77121
Ion	Ratio	Lower	Upper
42	100		
72	39.4	35.9	53.9
71	38.2	34.3	51.5



#30
Chloroform
Concen: 24.675 ug/l
RT: 7.509 min Scan# 933
Delta R.T. 0.007 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:	83	Resp:	115505
Ion	Ratio	Lower	Upper
83	100		
85	64.2	52.0	78.0

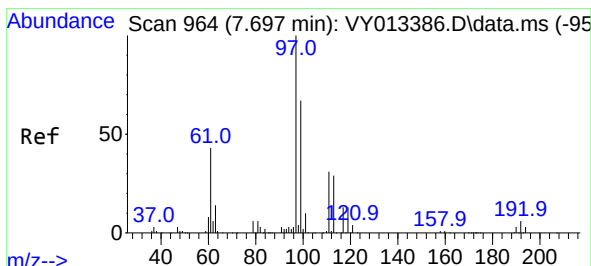
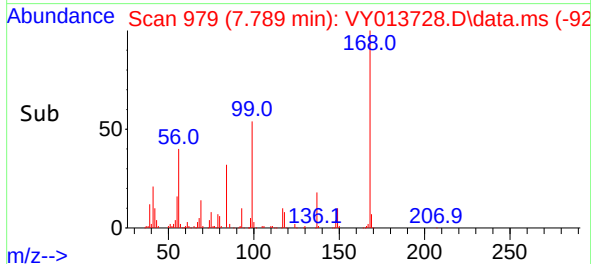
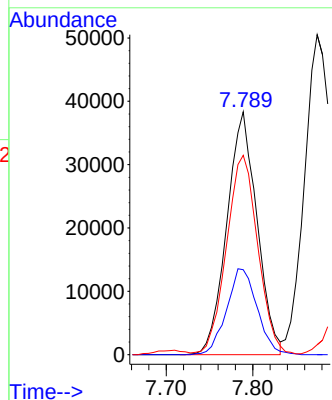
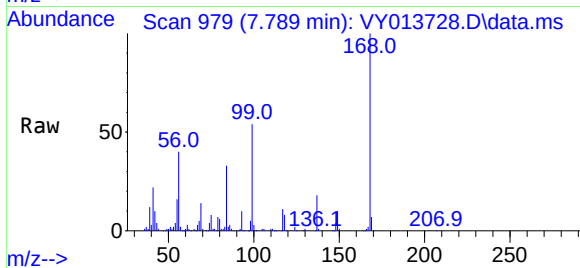




#31
Cyclohexane
Concen: 21.066 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

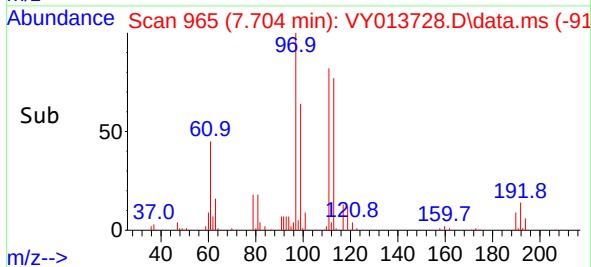
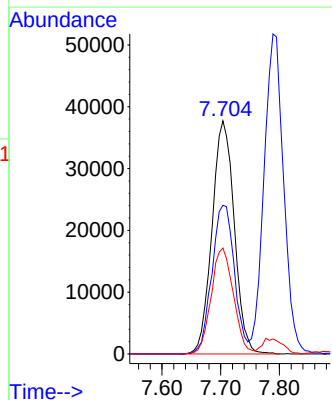
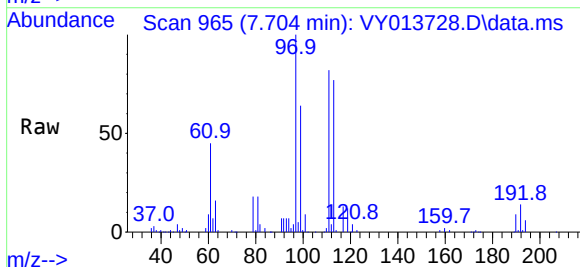
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

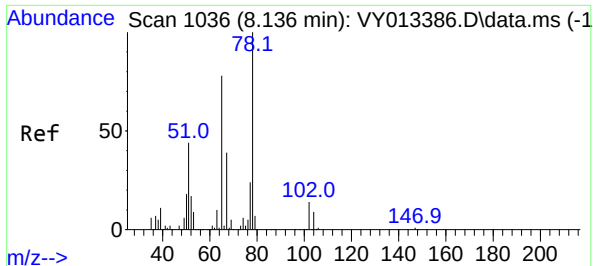
Tgt Ion: 56 Resp: 92665
Ion Ratio Lower Upper
56 100
69 35.0 29.2 43.8
84 80.8 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 23.726 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.007 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 97 Resp: 99107
Ion Ratio Lower Upper
97 100
99 64.6 52.2 78.2
61 45.5 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 52.456 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

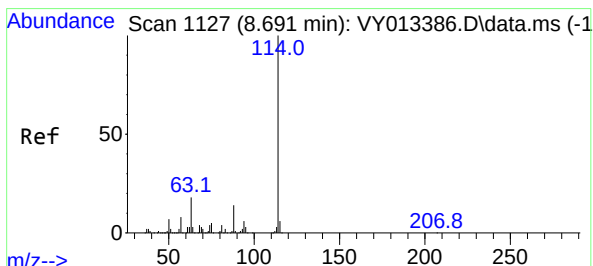
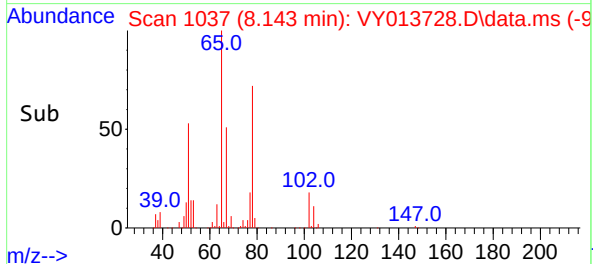
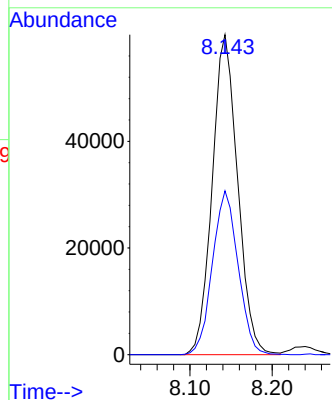
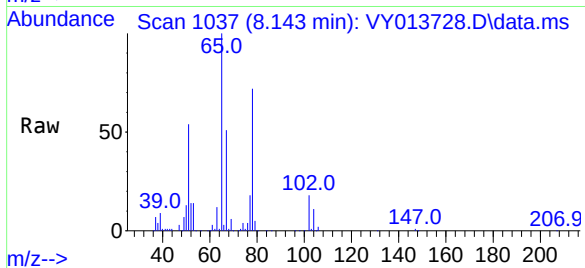
VY0515SBS01

Tgt Ion: 65 Resp: 128877

Ion Ratio Lower Upper

65 100

67 51.7 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

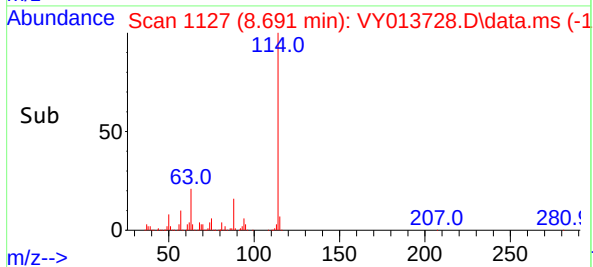
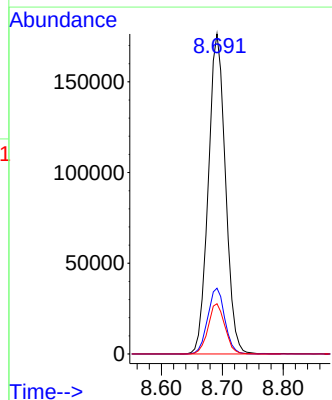
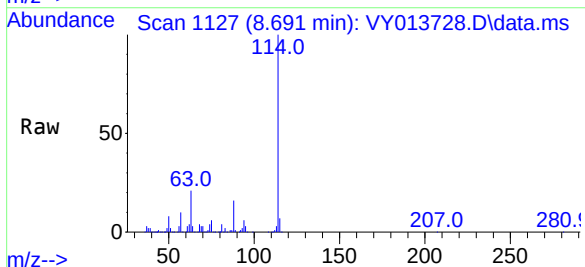
Tgt Ion:114 Resp: 344805

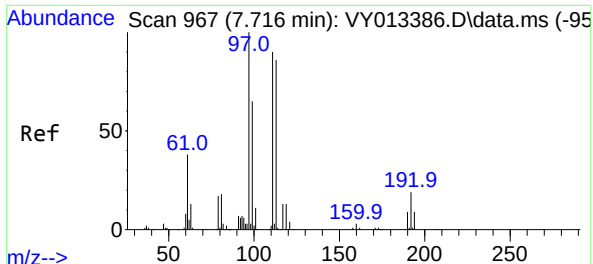
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.6

88 15.7 0.0 28.8

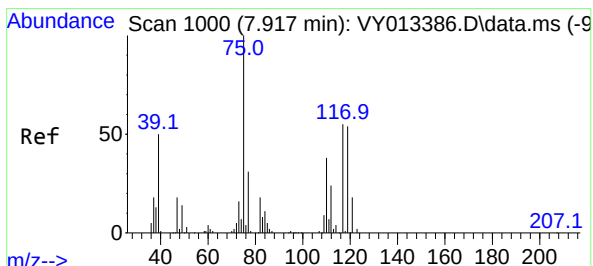
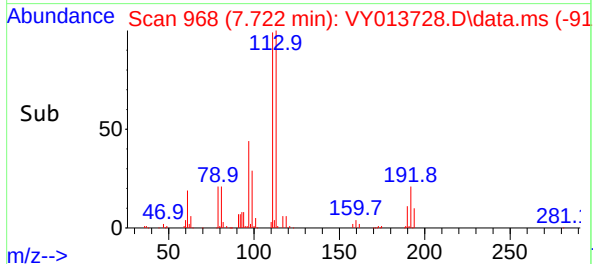
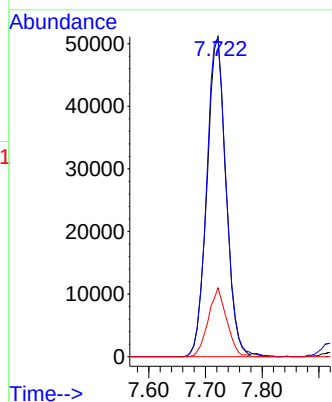
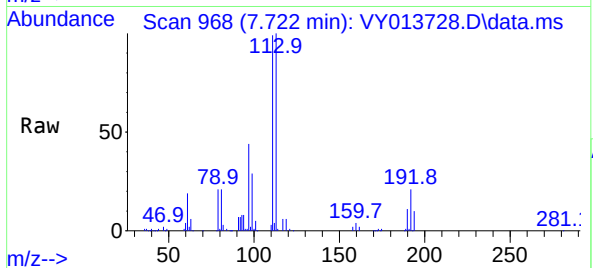




#35
Dibromofluoromethane
Concen: 55.031 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

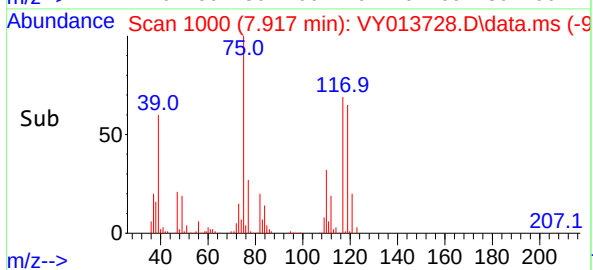
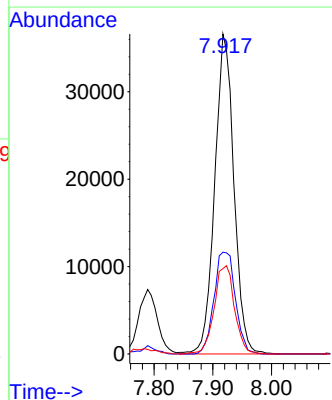
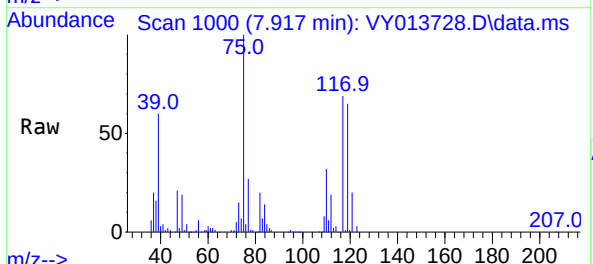
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

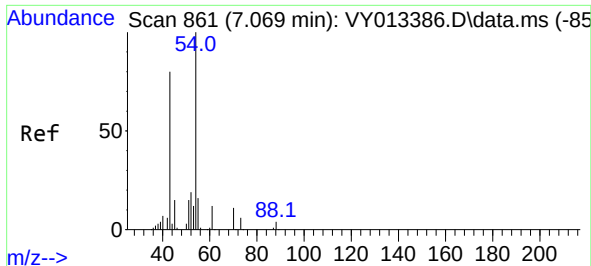
Tgt Ion:113 Resp: 119343
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.2
192 20.7 16.7 25.1



#36
1,1-Dichloropropene
Concen: 23.027 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 75 Resp: 82879
Ion Ratio Lower Upper
75 100
110 35.5 18.7 56.1
77 29.3 24.6 37.0

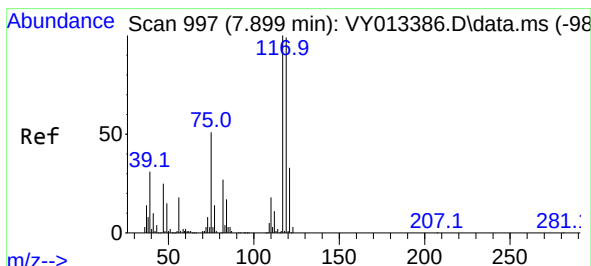
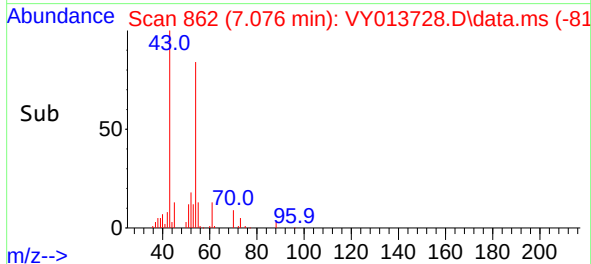
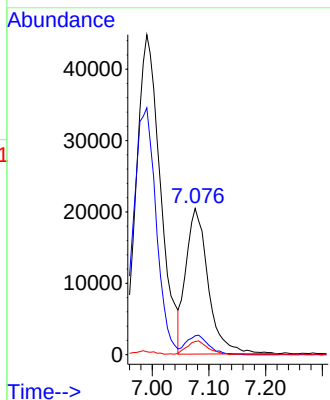
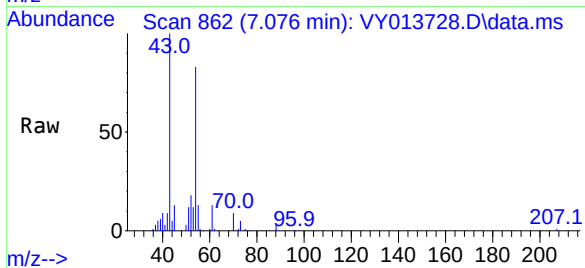




#37
Ethyl Acetate
Concen: 20.574 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.007 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

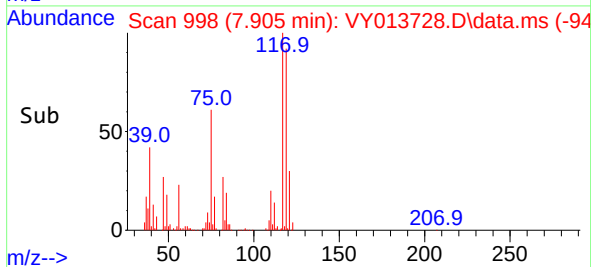
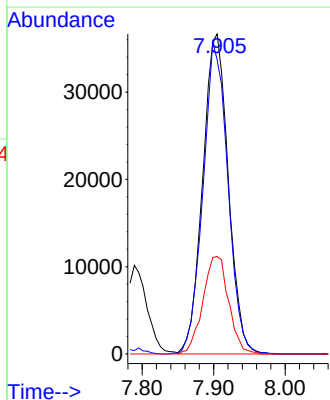
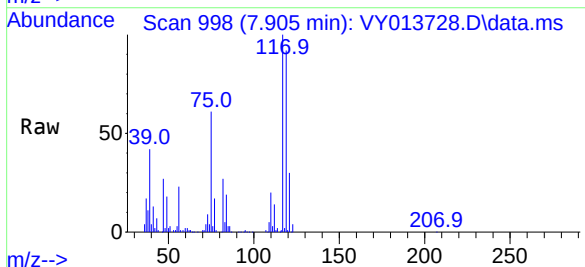
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

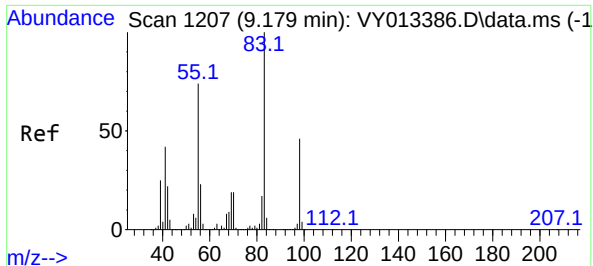
Tgt Ion: 43 Resp: 55726
Ion Ratio Lower Upper
43 100
61 13.5 11.4 17.0
70 9.2 7.9 11.9



#38
Carbon Tetrachloride
Concen: 24.143 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 117 Resp: 91076
Ion Ratio Lower Upper
117 100
119 92.1 79.0 118.6
121 30.5 26.6 40.0





#39

Methylcyclohexane

Concen: 21.529 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

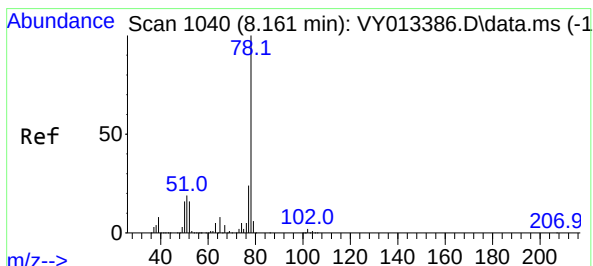
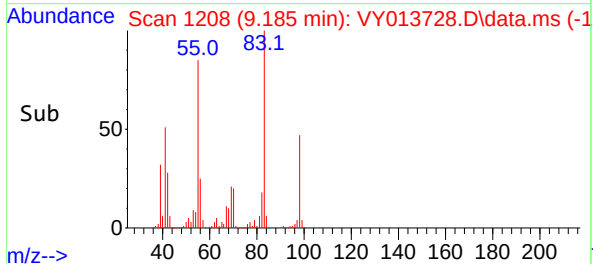
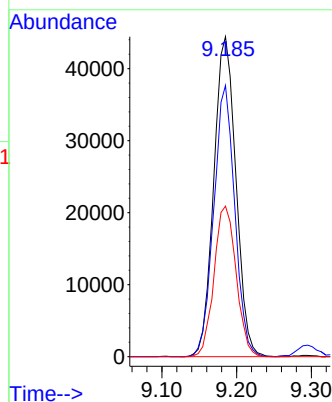
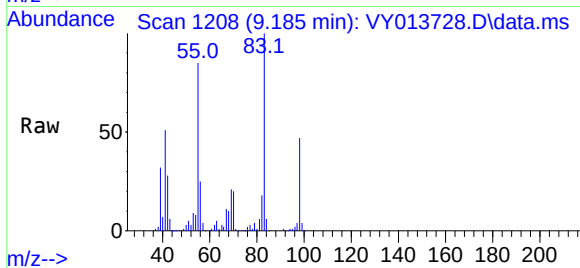
Tgt Ion: 83 Resp: 91351

Ion Ratio Lower Upper

83 100

55 84.7 59.0 88.4

98 47.0 37.0 55.4



#40

Benzene

Concen: 23.574 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY013728.D

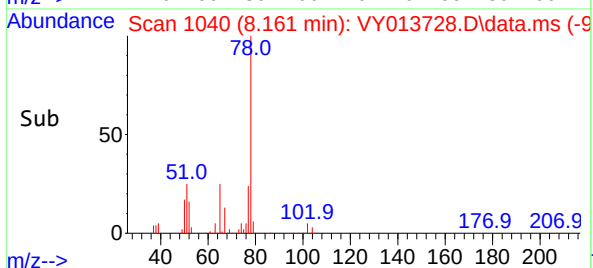
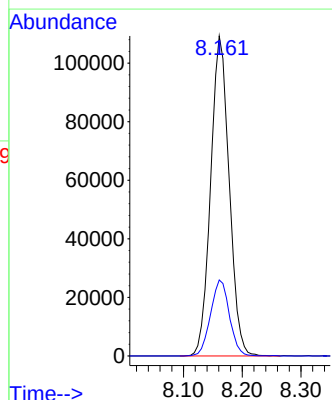
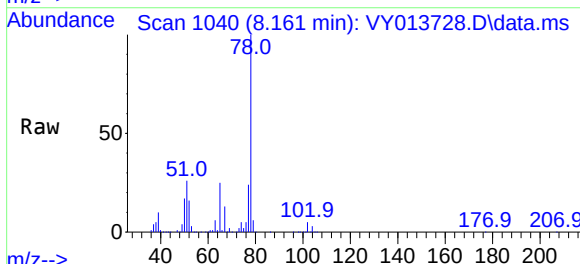
Acq: 15 May 2023 11:45

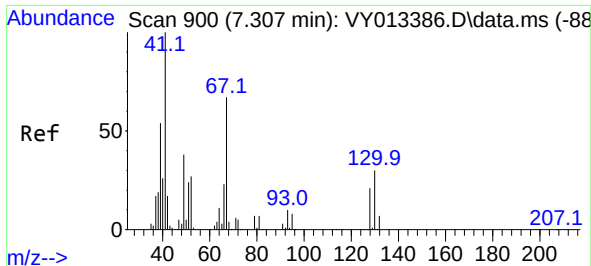
Tgt Ion: 78 Resp: 239007

Ion Ratio Lower Upper

78 100

77 23.8 19.2 28.8

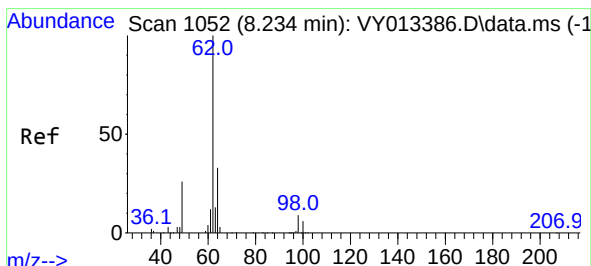
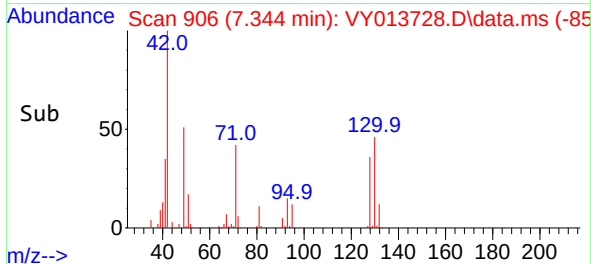
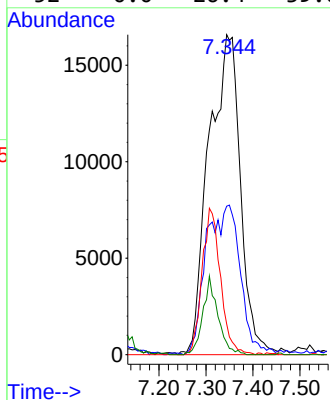
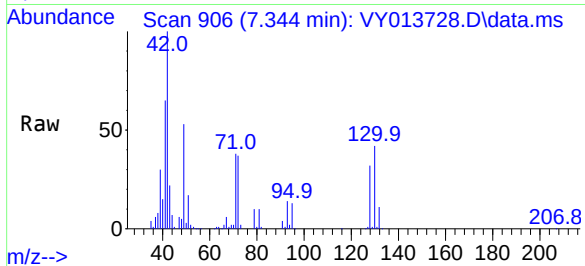




#41
Methacrylonitrile
Concen: 61.064 ug/l
RT: 7.344 min Scan# 906
Delta R.T. 0.037 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

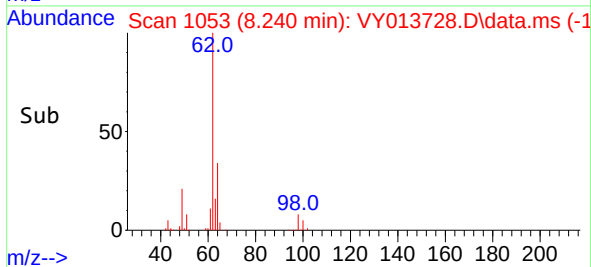
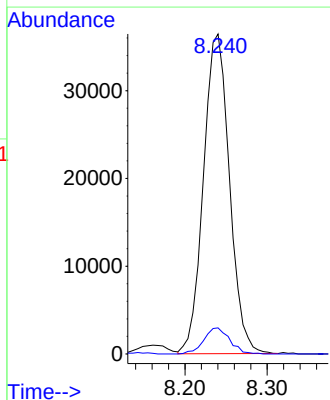
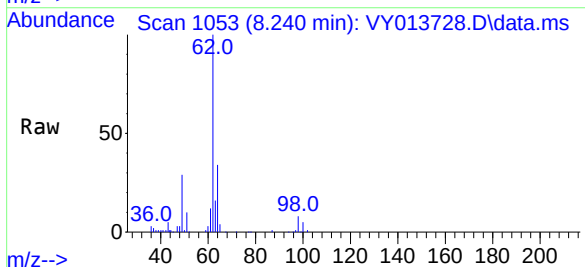
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

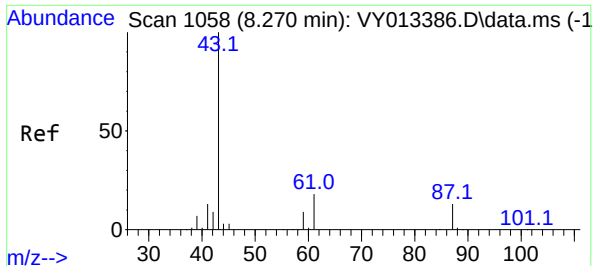
Tgt Ion: 41 Resp: 77072
Ion Ratio Lower Upper
41 100
39 0.0 44.2 66.4#
67 0.0 62.9 94.3#
52 0.0 26.4 39.6#



#42
1,2-Dichloroethane
Concen: 24.169 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 62 Resp: 80110
Ion Ratio Lower Upper
62 100
98 8.1 0.0 17.8





#43

Isopropyl Acetate

Concen: 21.494 ug/l

RT: 8.277 min Scan# 110

Delta R.T. 0.007 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

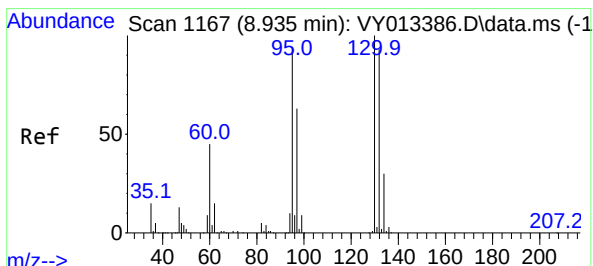
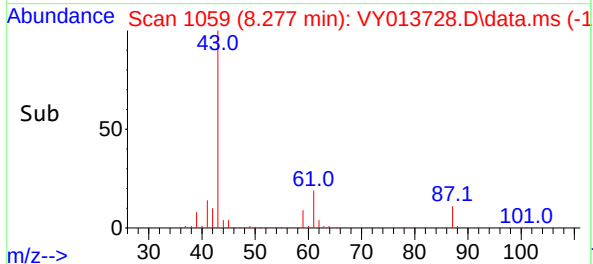
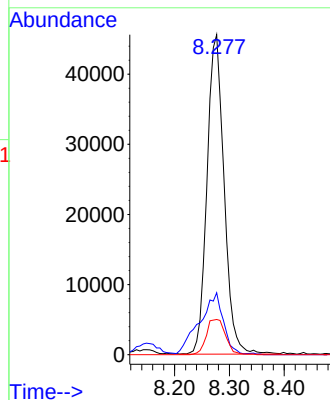
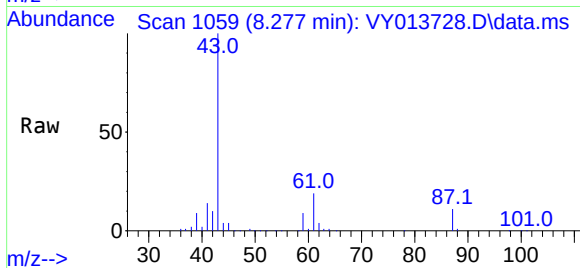
Tgt Ion: 43 Resp: 98264

Ion Ratio Lower Upper

43 100

61 26.2 22.2 33.4

87 12.4 11.0 16.6



#44

Trichloroethene

Concen: 23.920 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY013728.D

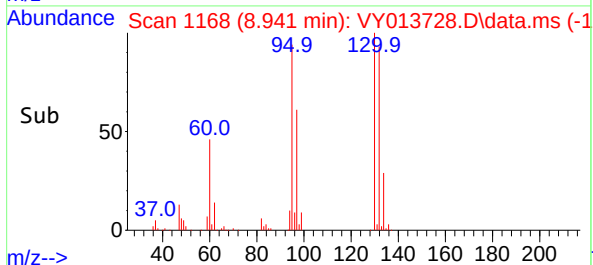
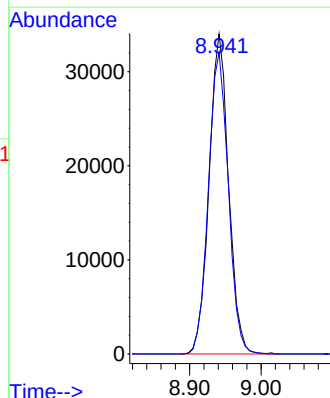
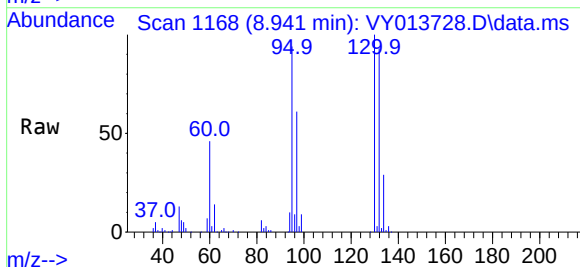
Acq: 15 May 2023 11:45

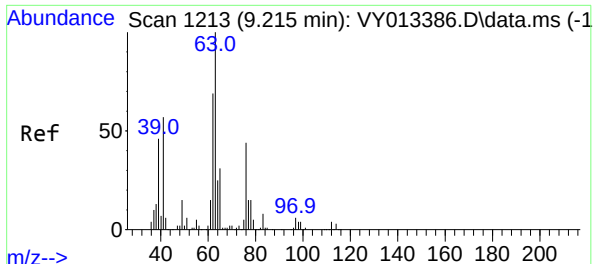
Tgt Ion:130 Resp: 64509

Ion Ratio Lower Upper

130 100

95 94.2 0.0 188.8

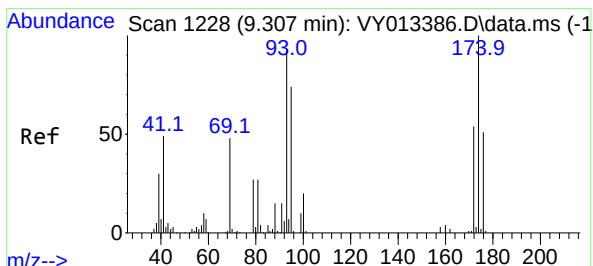
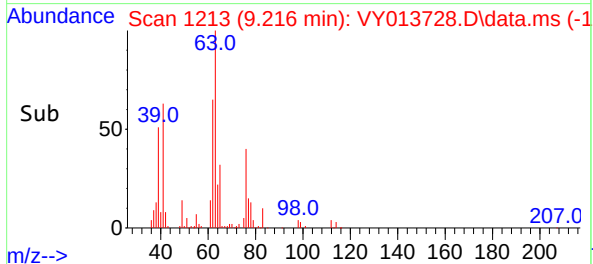
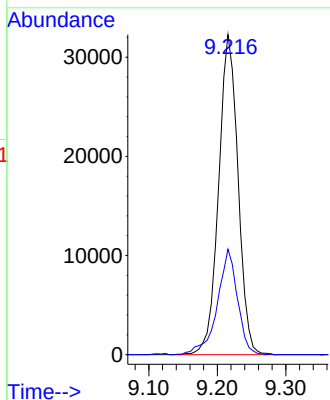
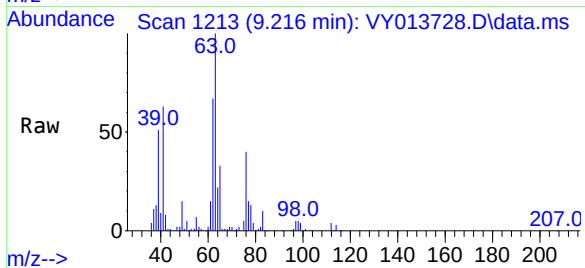




#45
1,2-Dichloropropane
Concen: 23.897 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

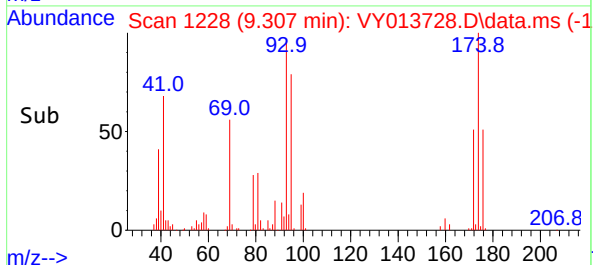
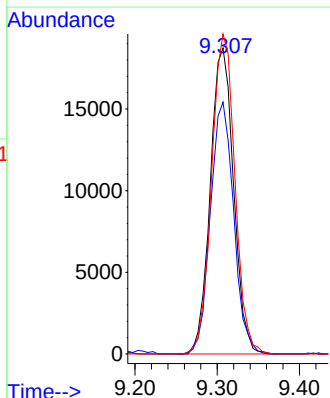
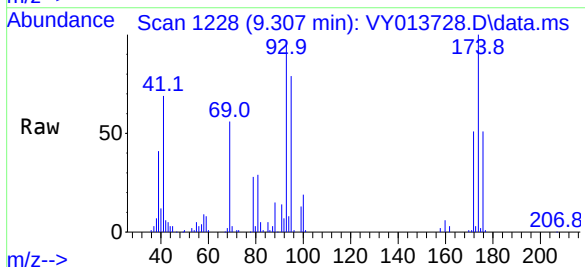
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

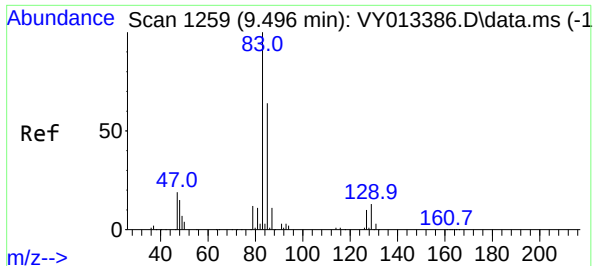
Tgt Ion: 63 Resp: 63349
Ion Ratio Lower Upper
63 100
65 32.9 24.6 37.0



#46
Dibromomethane
Concen: 23.244 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 93 Resp: 36868
Ion Ratio Lower Upper
93 100
95 82.5 67.1 100.7
174 104.5 87.0 130.4

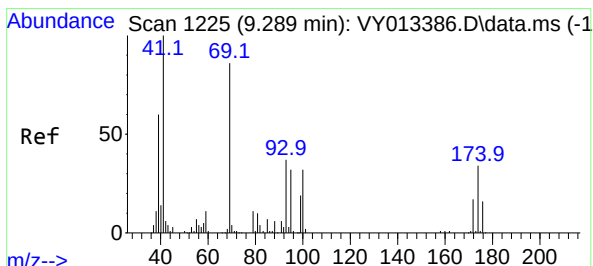
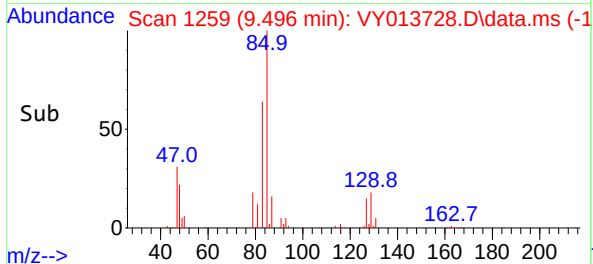
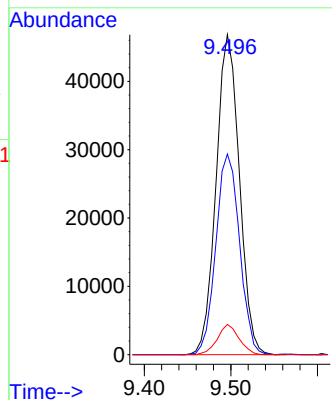
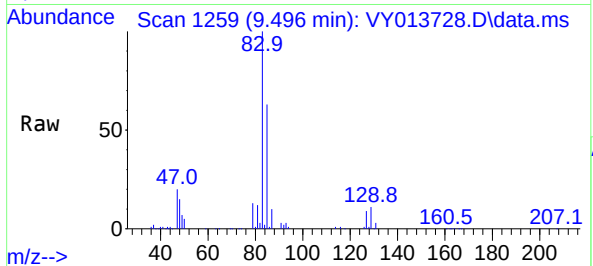




#47
Bromodichloromethane
Concen: 24.638 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

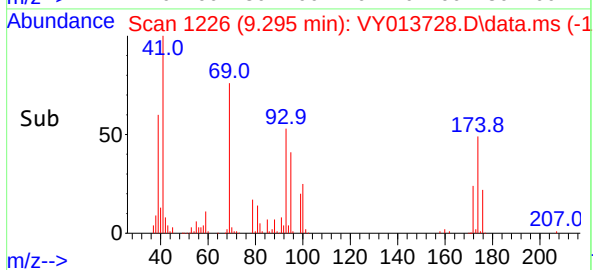
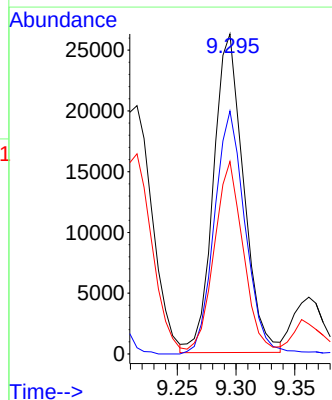
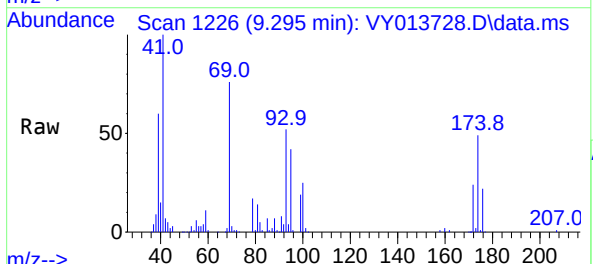
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

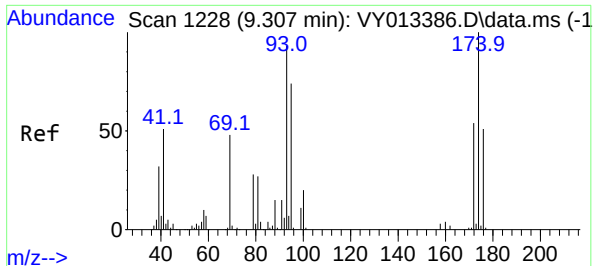
Tgt Ion: 83 Resp: 87442
Ion Ratio Lower Upper
83 100
85 62.7 51.4 77.2
127 9.4 8.1 12.1



#48
Methyl methacrylate
Concen: 22.270 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 41 Resp: 46758
Ion Ratio Lower Upper
41 100
69 78.3 70.2 105.4
39 55.5 47.9 71.9





#49

1,4-Dioxane

Concen: 428.287 ug/l

RT: 9.307 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

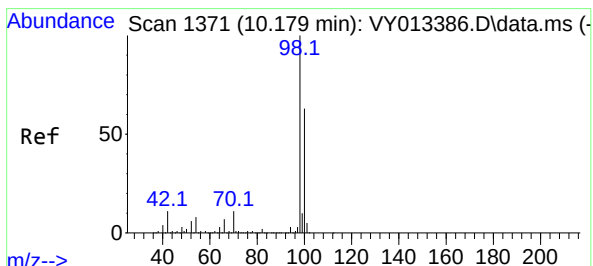
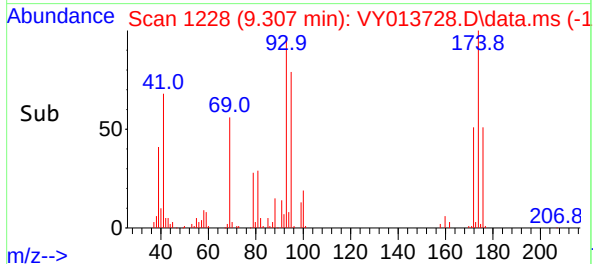
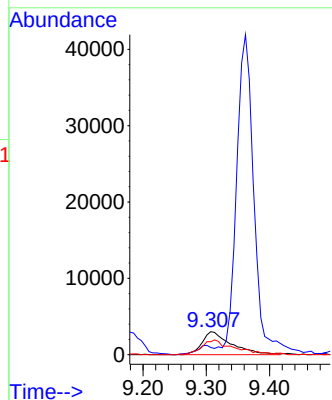
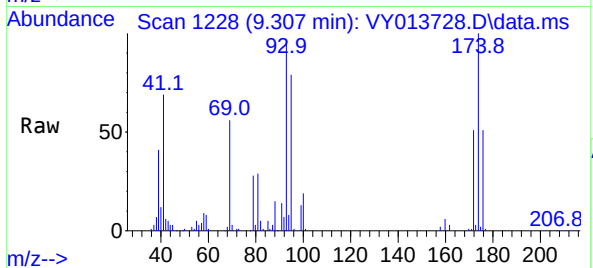
Tgt Ion: 88 Resp: 9702

Ion Ratio Lower Upper

88 100

43 0.0 16.8 25.2#

58 70.1 54.3 81.5



#50

Toluene-d8

Concen: 50.478 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013728.D

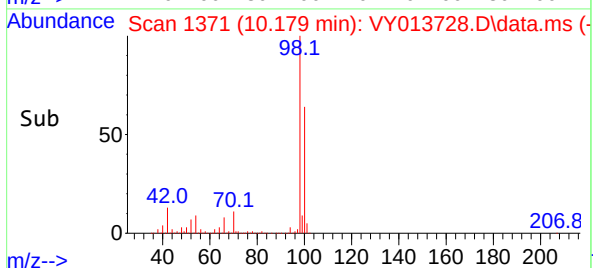
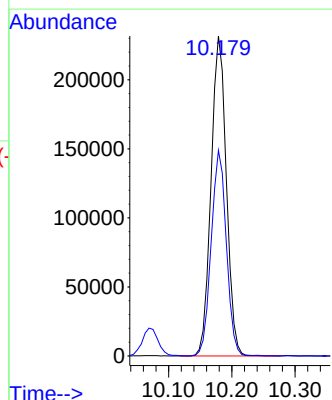
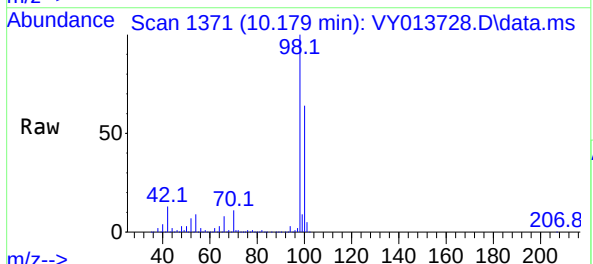
Acq: 15 May 2023 11:45

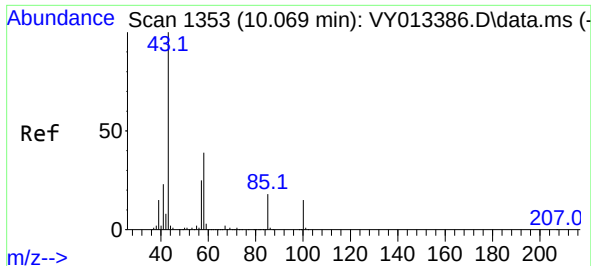
Tgt Ion: 98 Resp: 389432

Ion Ratio Lower Upper

98 100

100 63.5 50.5 75.7

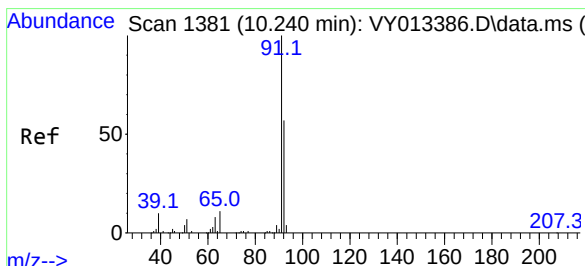
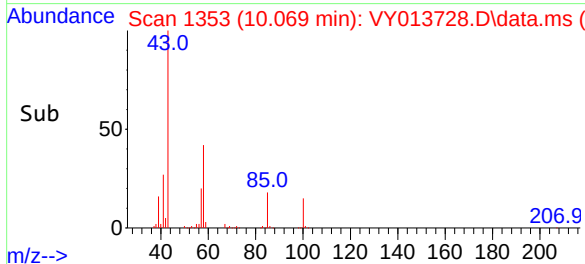
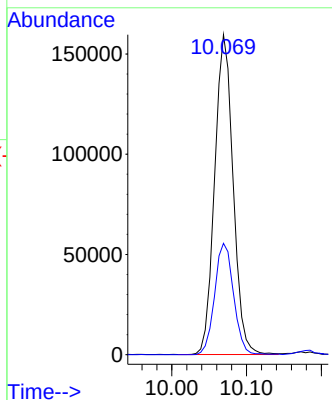
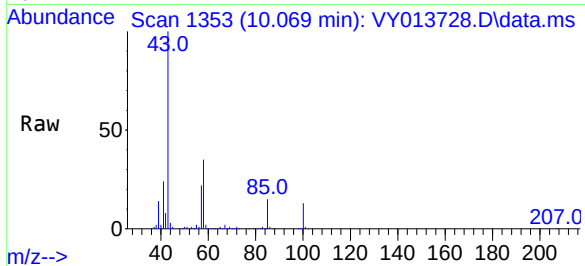




#51
4-Methyl-2-Pentanone
Concen: 108.028 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

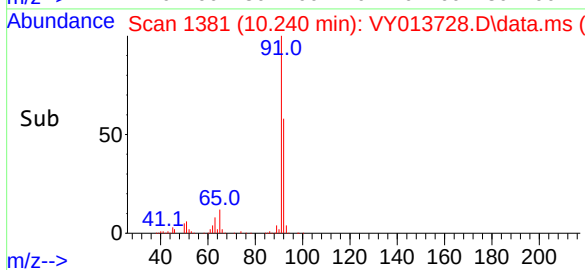
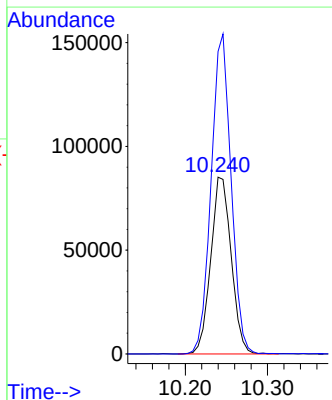
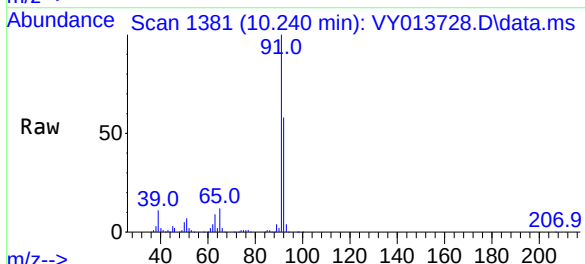
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

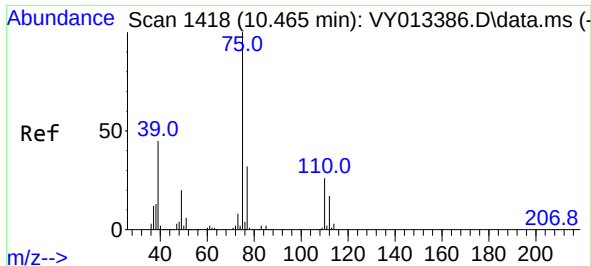
Tgt Ion: 43 Resp: 275209
Ion Ratio Lower Upper
43 100
58 35.7 30.6 46.0



#52
Toluene
Concen: 24.172 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 92 Resp: 147474
Ion Ratio Lower Upper
92 100
91 176.1 140.2 210.4

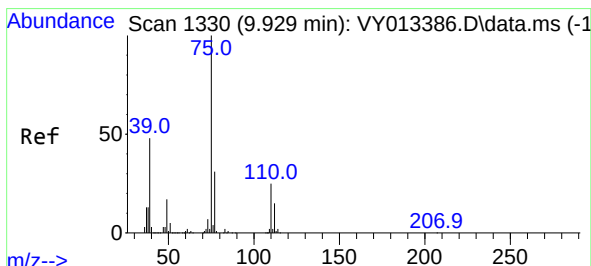
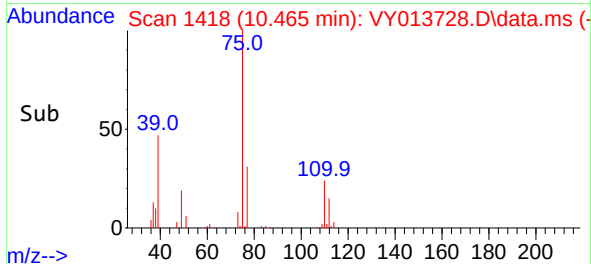
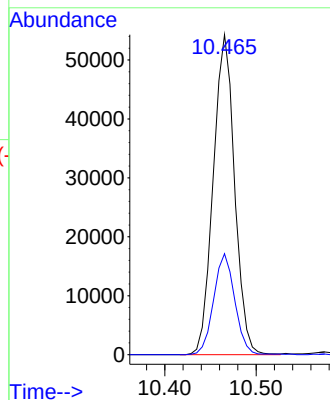
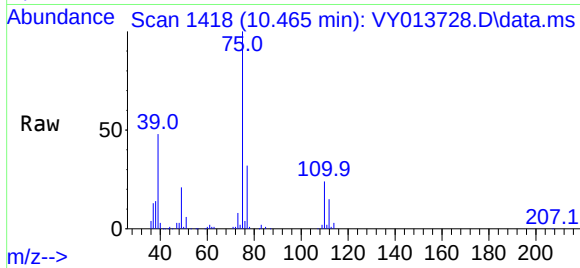




#53
t-1,3-Dichloropropene
Concen: 23.526 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

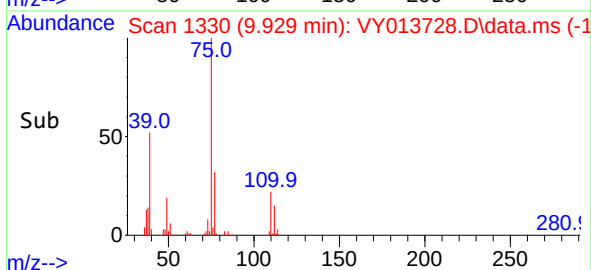
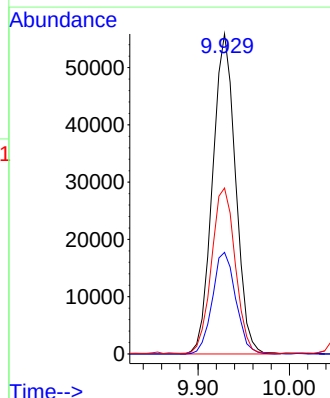
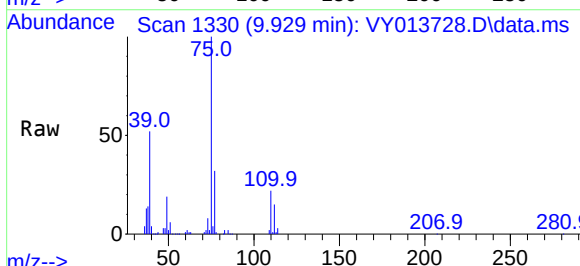
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

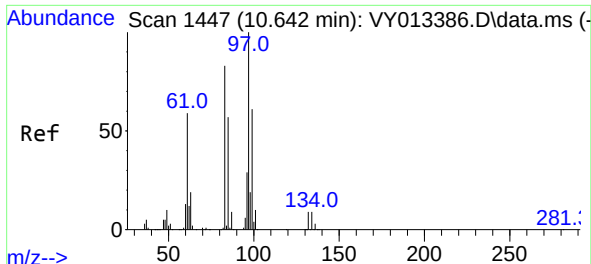
Tgt Ion: 75 Resp: 88368
Ion Ratio Lower Upper
75 100
77 31.5 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 23.075 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 75 Resp: 97530
Ion Ratio Lower Upper
75 100
77 31.7 24.8 37.2
39 51.6 38.1 57.1





#55

1,1,2-Trichloroethane

Concen: 23.928 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

Tgt Ion: 97 Resp: 50260

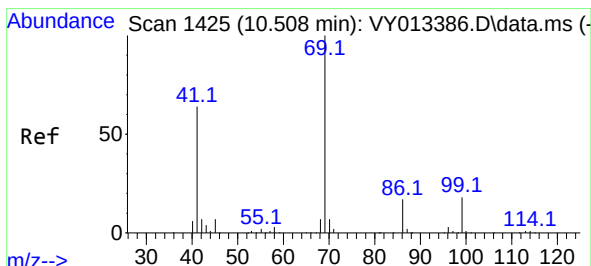
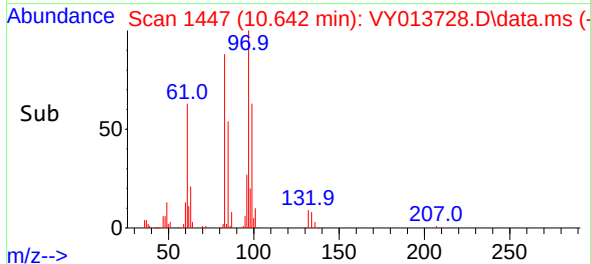
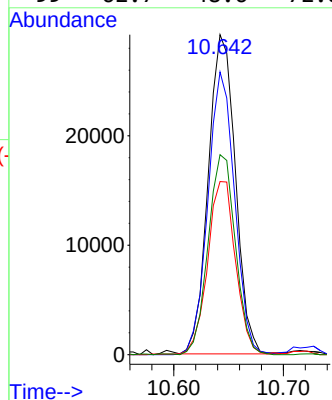
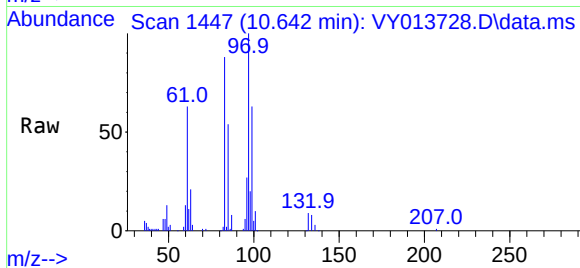
Ion Ratio Lower Upper

97 100

83 88.3 66.4 99.6

85 53.9 45.6 68.4

99 62.7 48.6 72.8



#56

Ethyl methacrylate

Concen: 22.735 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

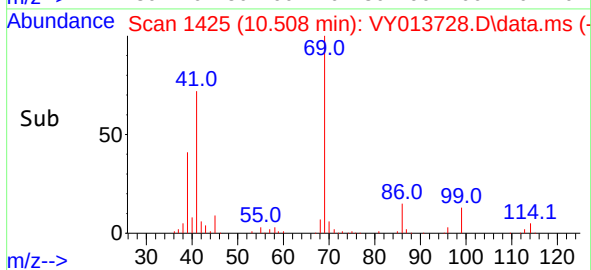
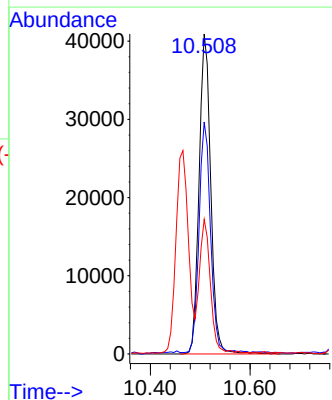
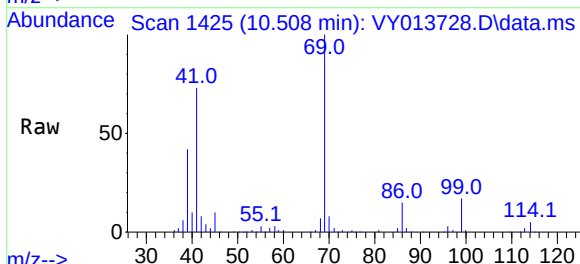
Tgt Ion: 69 Resp: 66252

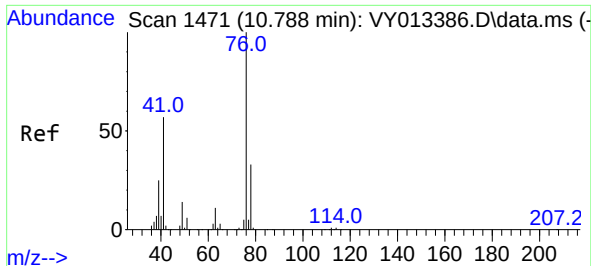
Ion Ratio Lower Upper

69 100

41 71.3 51.4 77.0

39 38.6 29.0 43.6





#57

1,3-Dichloropropane

Concen: 23.843 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

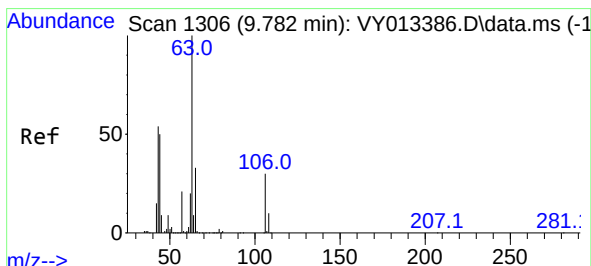
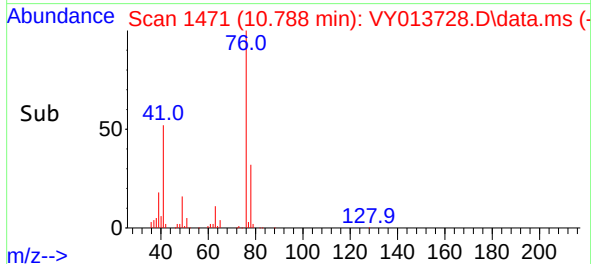
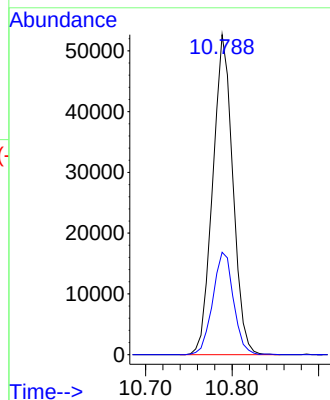
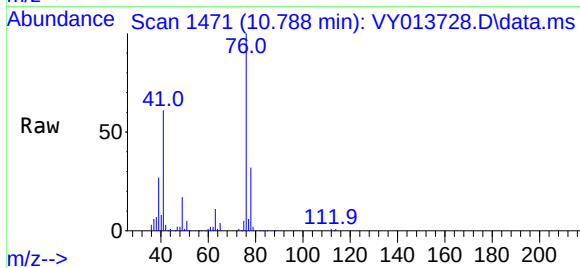
VY0515SBSD01

Tgt Ion: 76 Resp: 84817

Ion Ratio Lower Upper

76 100

78 33.1 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 112.589 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.001 min

Lab File: VY013728.D

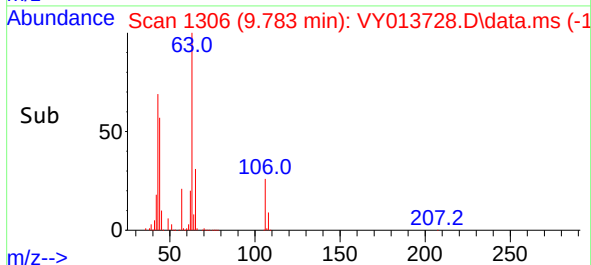
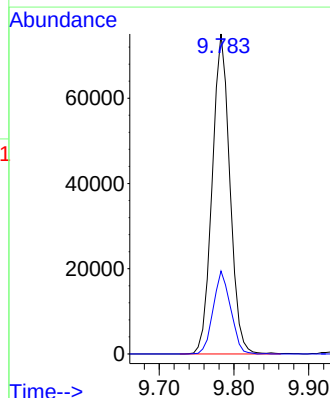
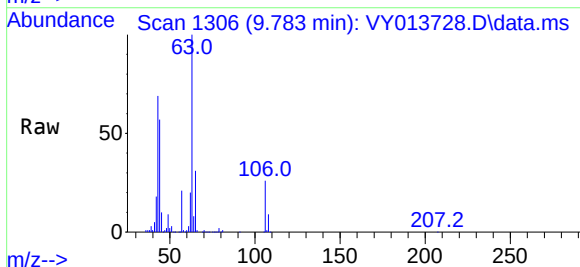
Acq: 15 May 2023 11:45

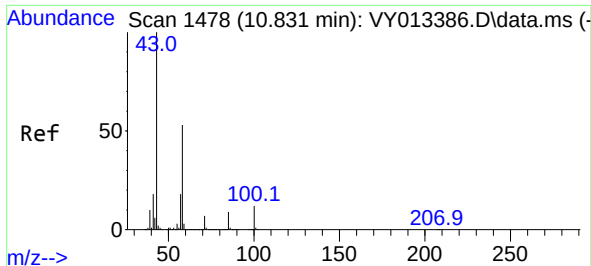
Tgt Ion: 63 Resp: 123031

Ion Ratio Lower Upper

63 100

106 25.6 23.5 35.3

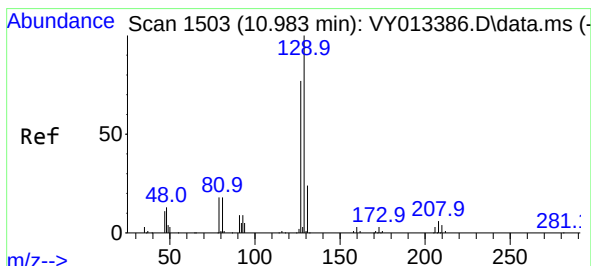
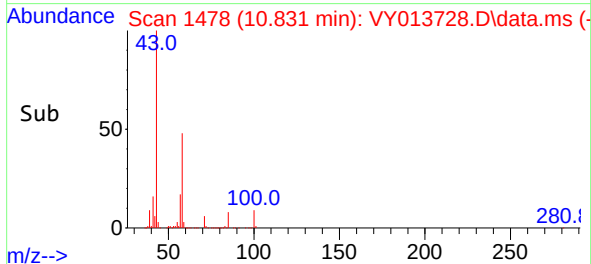
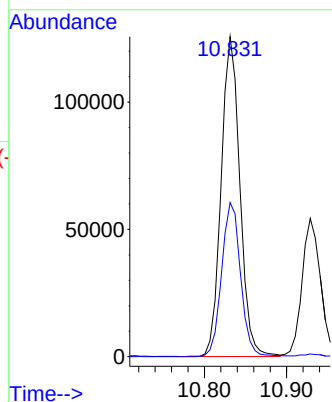
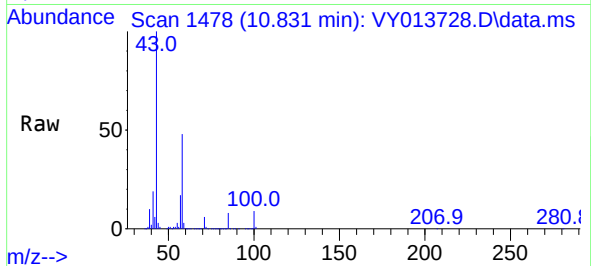




#59
2-Hexanone
Concen: 107.503 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

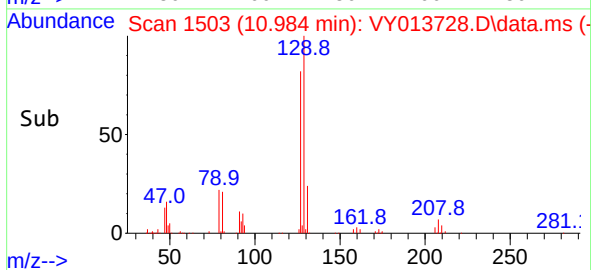
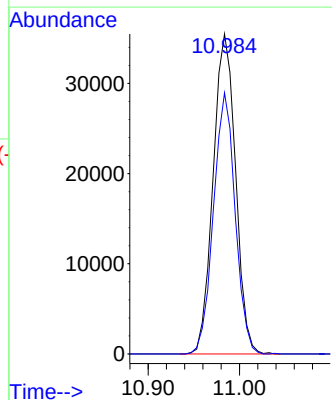
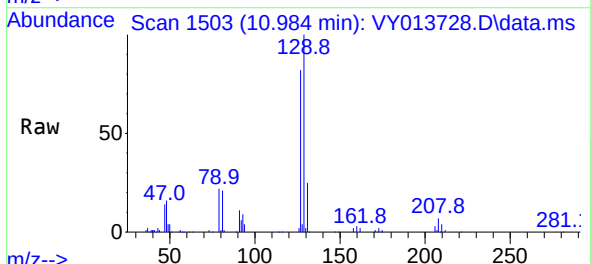
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

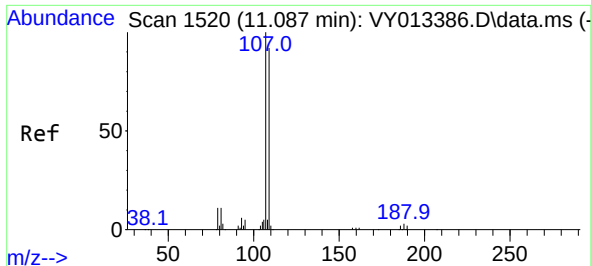
Tgt Ion: 43 Resp: 199081
Ion Ratio Lower Upper
43 100
58 48.9 26.3 78.8



#60
Dibromochloromethane
Concen: 23.762 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 129 Resp: 60603
Ion Ratio Lower Upper
129 100
127 78.9 38.7 116.1

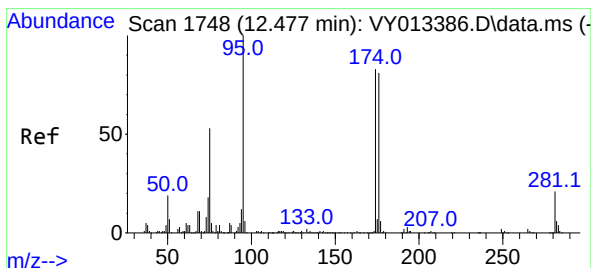
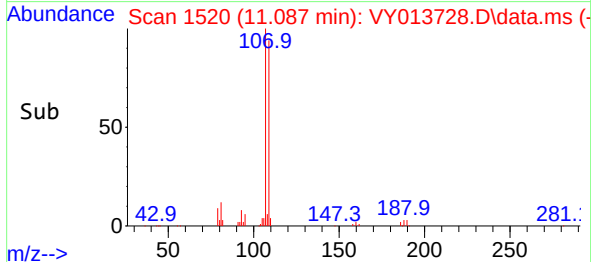
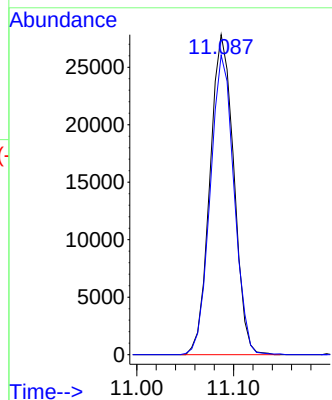
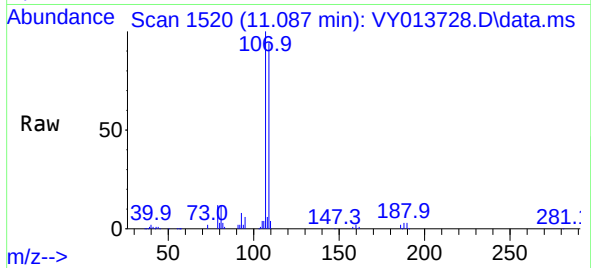




#61
1,2-Dibromoethane
Concen: 23.009 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

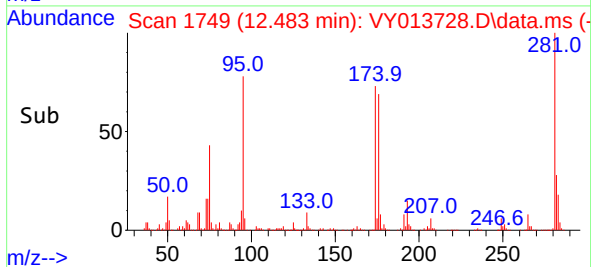
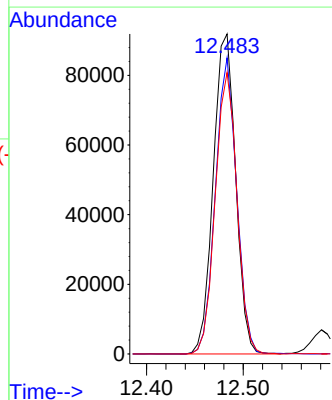
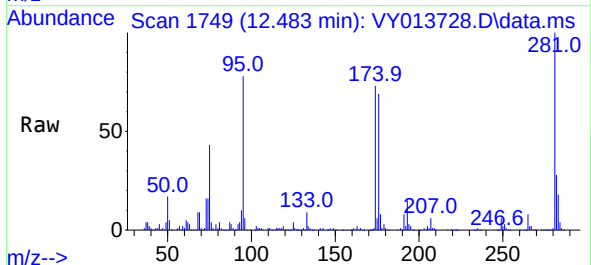
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

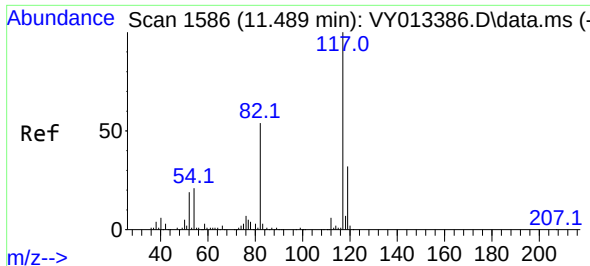
Tgt Ion:107 Resp: 47516
Ion Ratio Lower Upper
107 100
109 93.5 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 56.774 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 95 Resp: 147661
Ion Ratio Lower Upper
95 100
174 87.9 0.0 182.0
176 85.4 0.0 175.4



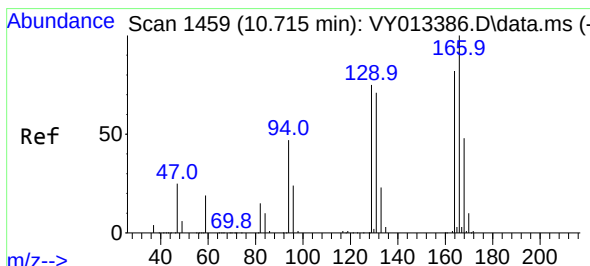
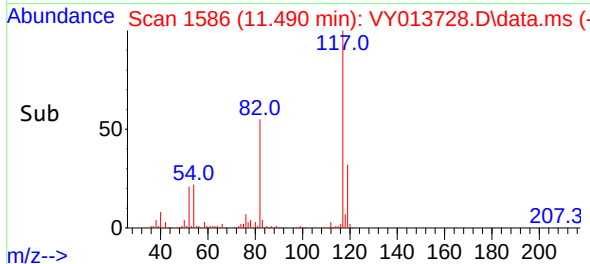
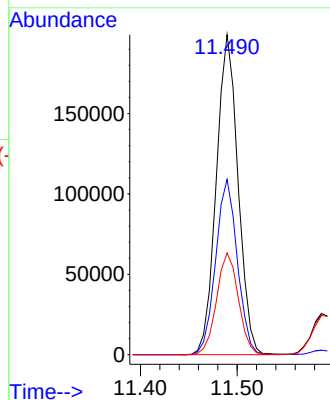
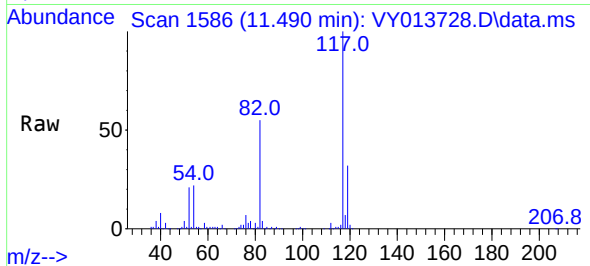


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

Tgt Ion:117 Resp: 310565

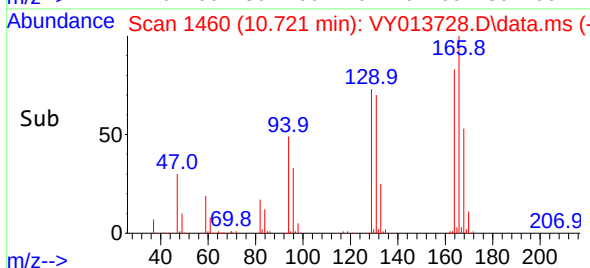
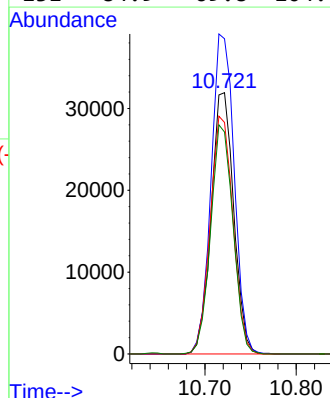
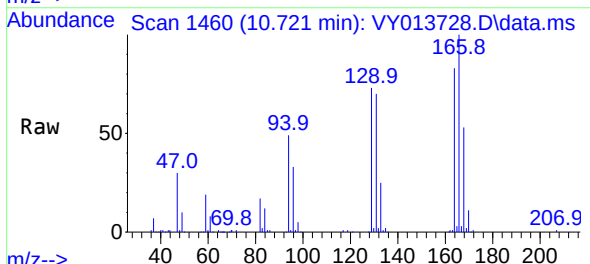
Ion	Ratio	Lower	Upper
117	100		
82	54.8	43.0	64.6
119	31.7	25.5	38.3

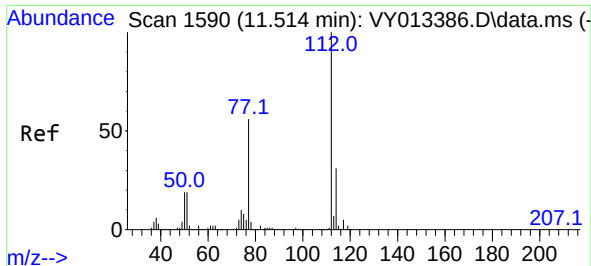


#64
Tetrachloroethene
Concen: 23.220 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:164 Resp: 54836

Ion	Ratio	Lower	Upper
164	100		
166	120.7	97.5	146.3
129	88.6	72.6	109.0
131	84.9	69.8	104.6

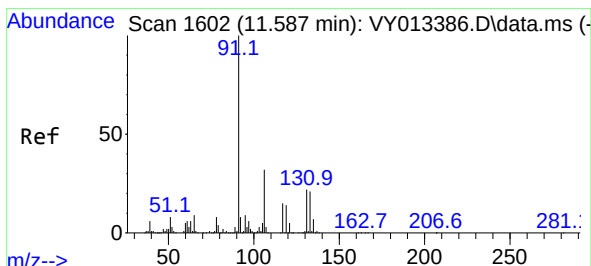
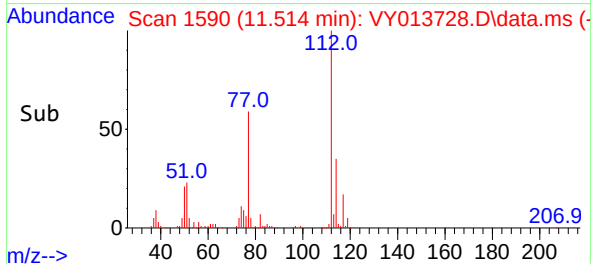
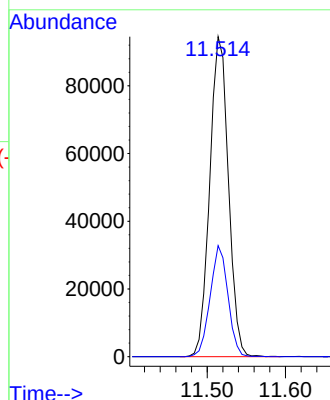
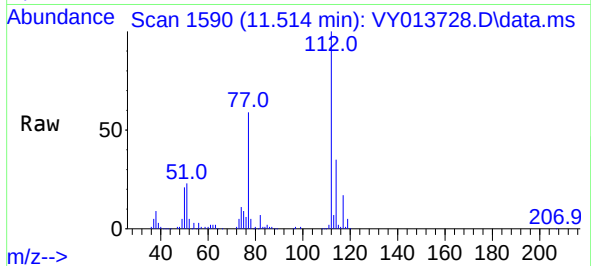




#65
Chlorobenzene
Concen: 23.087 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

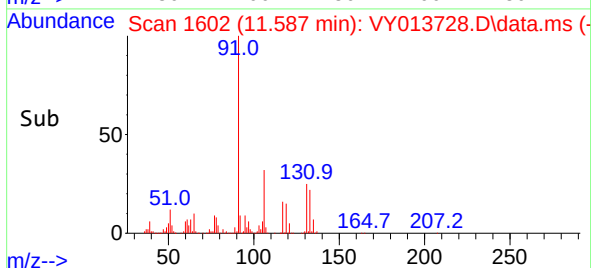
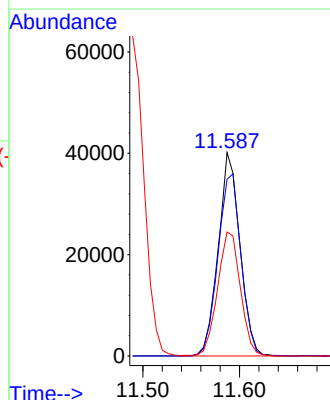
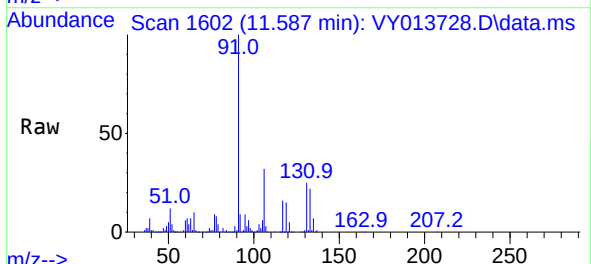
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

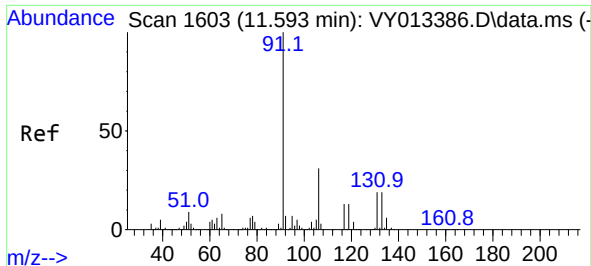
Tgt Ion:112 Resp: 156190
Ion Ratio Lower Upper
112 100
114 34.7 24.9 37.3



#66
1,1,1,2-Tetrachloroethane
Concen: 24.634 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:131 Resp: 62329
Ion Ratio Lower Upper
131 100
133 95.3 47.7 143.1
119 64.2 32.6 98.0

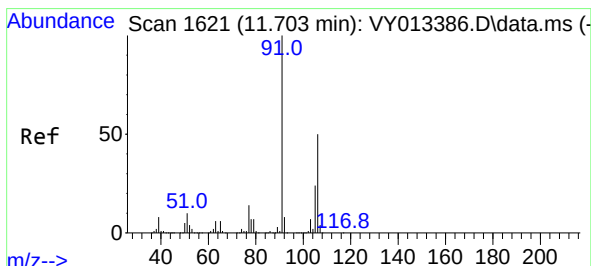
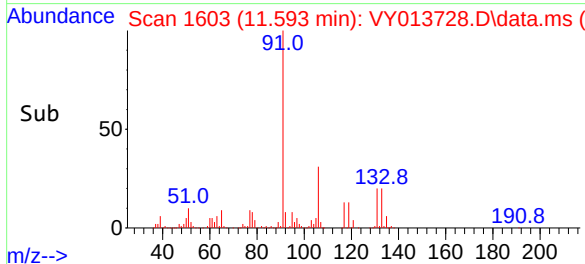
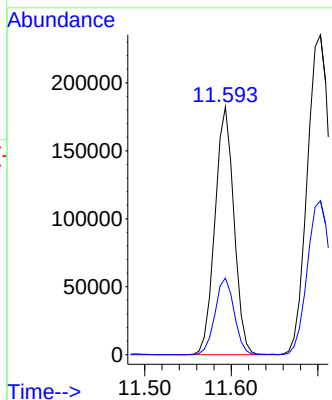
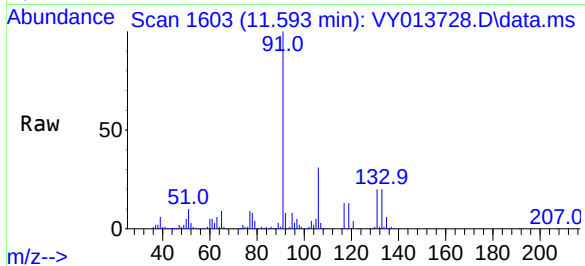




#67
Ethyl Benzene
Concen: 23.359 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

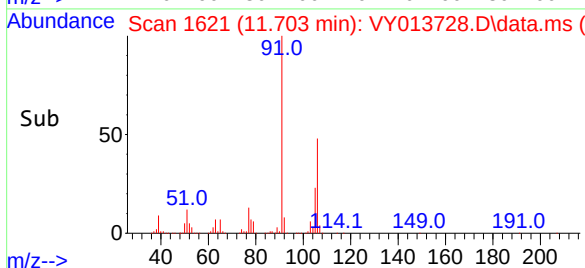
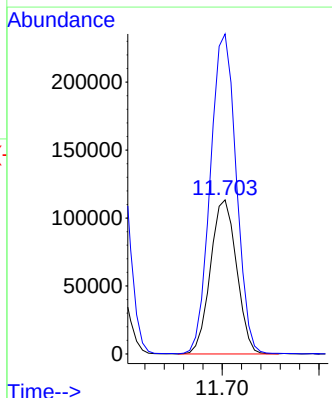
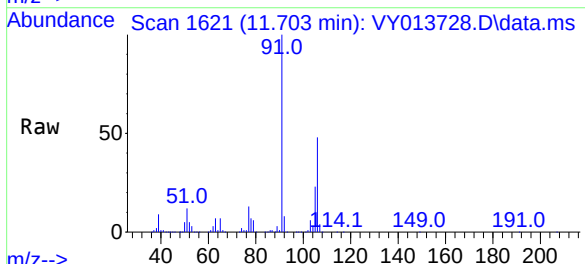
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

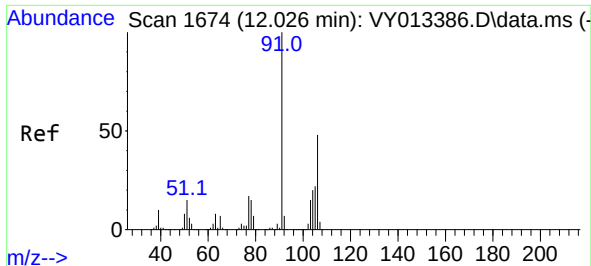
Tgt Ion: 91 Resp: 277498
Ion Ratio Lower Upper
91 100
106 30.9 25.1 37.7



#68
m/p-Xylenes
Concen: 47.039 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:106 Resp: 212436
Ion Ratio Lower Upper
106 100
91 205.9 160.9 241.3

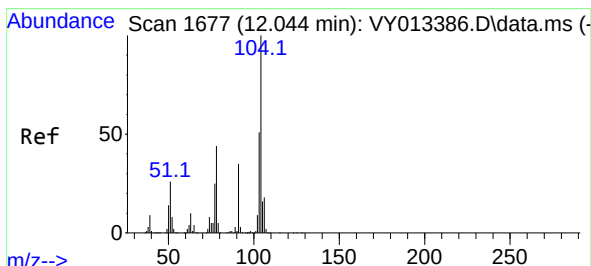
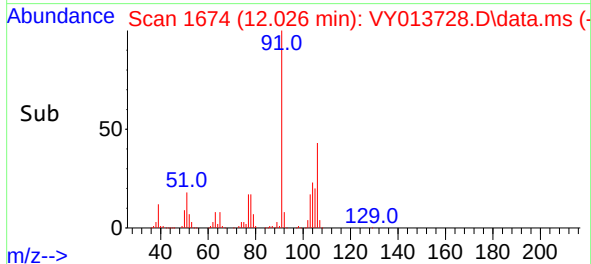
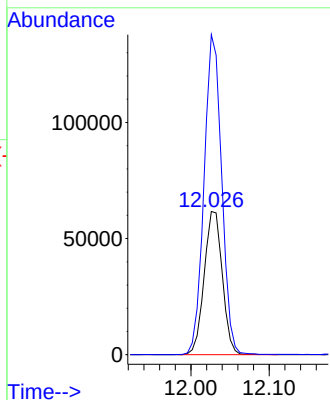
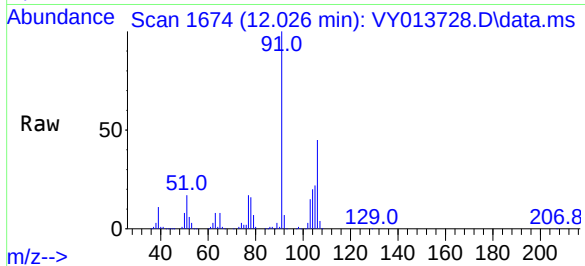




#69
o-Xylene
Concen: 23.206 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

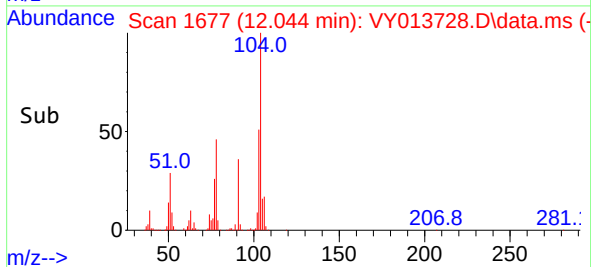
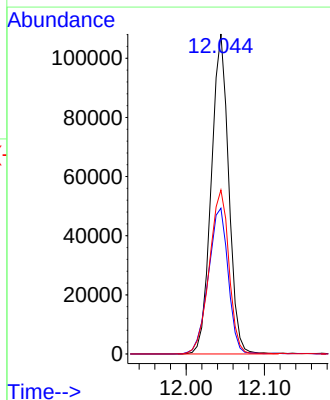
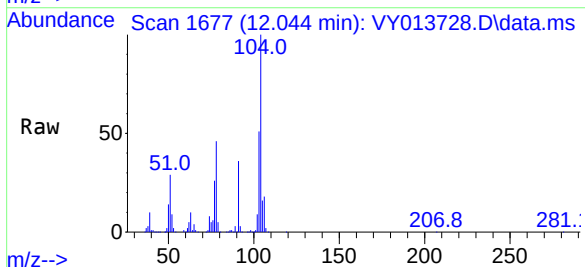
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

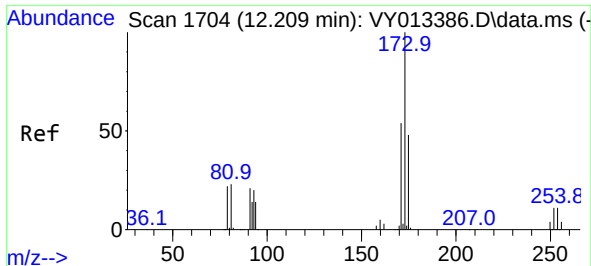
Tgt Ion:106 Resp: 99117
Ion Ratio Lower Upper
106 100
91 217.3 105.5 316.4



#70
Styrene
Concen: 23.423 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:104 Resp: 167277
Ion Ratio Lower Upper
104 100
78 51.8 40.3 60.5
103 57.6 45.0 67.4

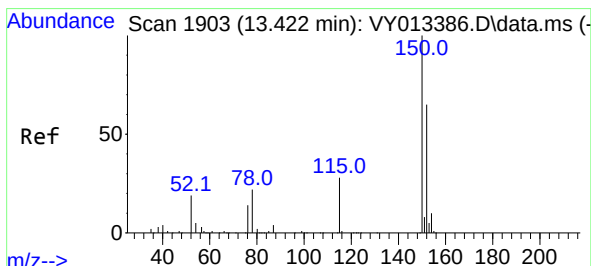
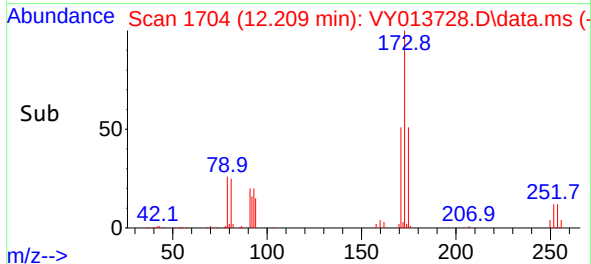
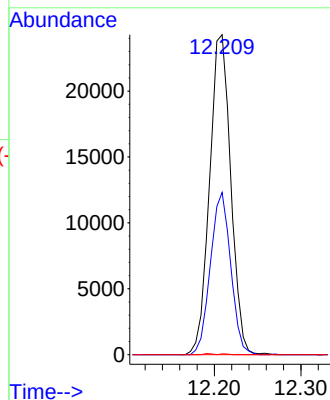
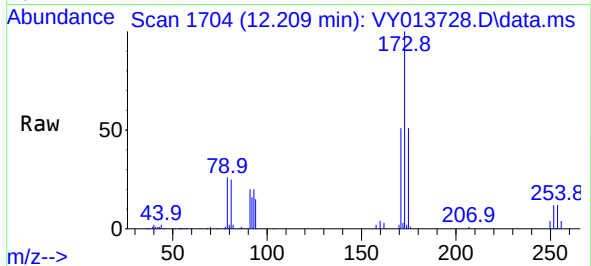




#71
Bromoform
Concen: 23.292 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

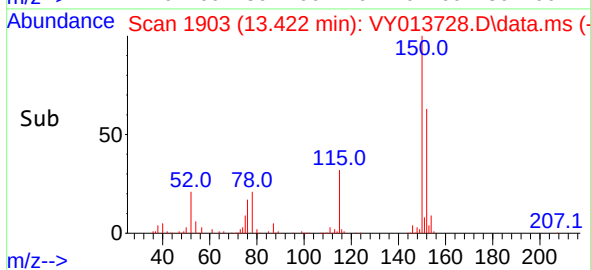
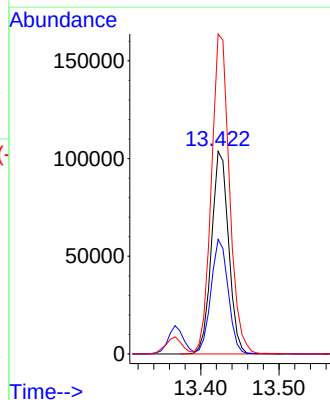
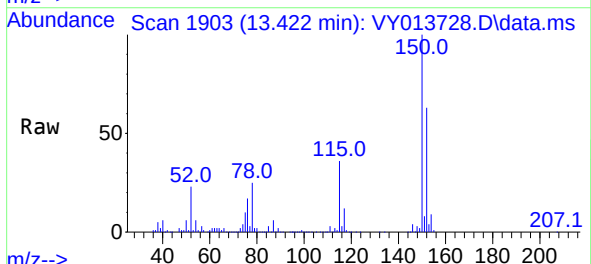
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

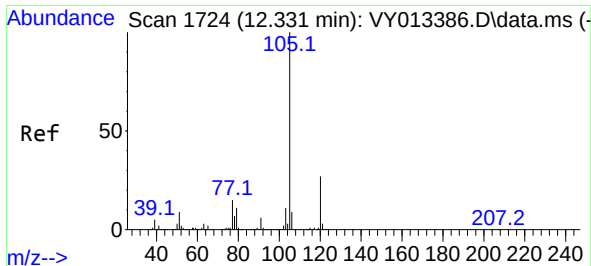
Tgt Ion:173 Resp: 41279
Ion Ratio Lower Upper
173 100
175 48.5 24.3 72.8
254 0.1 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:152 Resp: 157335
Ion Ratio Lower Upper
152 100
115 57.0 28.1 84.2
150 167.0 0.0 352.0

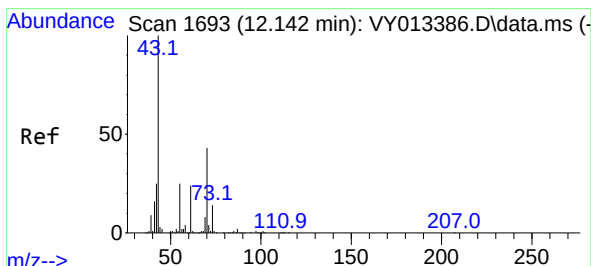
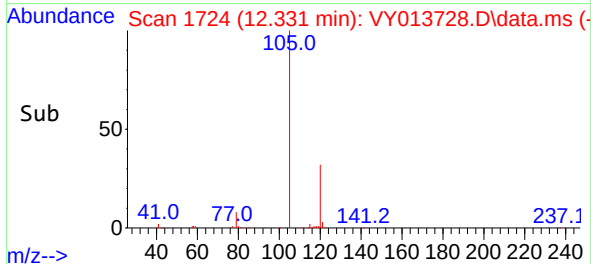
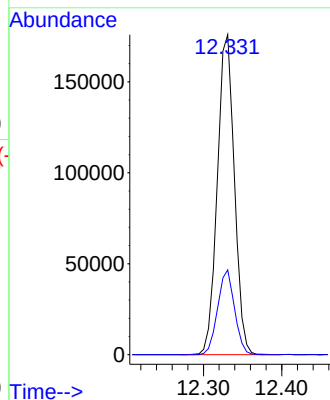
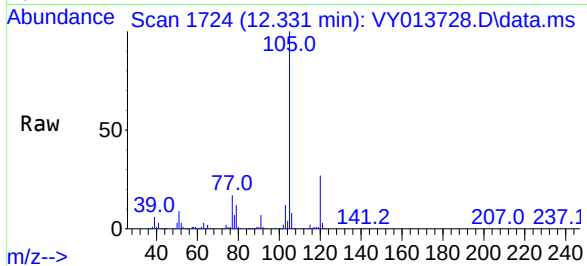




#73
Isopropylbenzene
Concen: 22.381 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

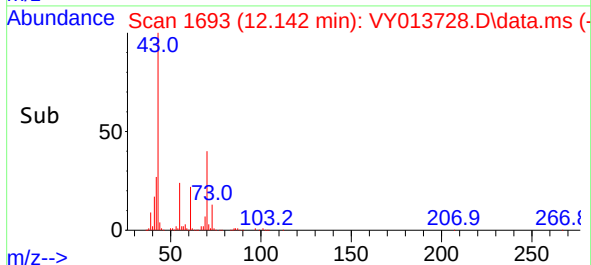
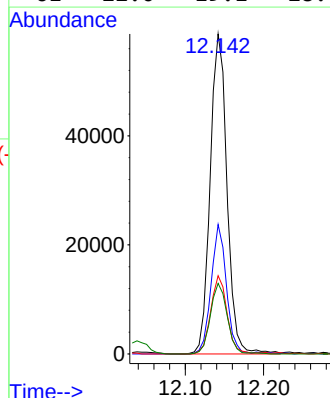
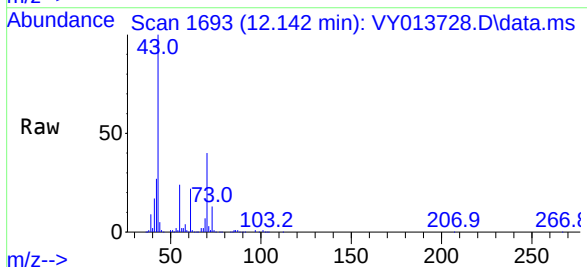
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

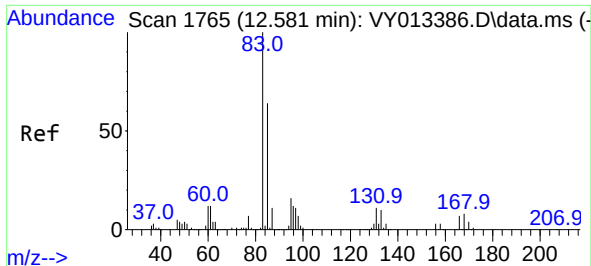
Tgt Ion:105 Resp: 266338
Ion Ratio Lower Upper
105 100
120 26.2 13.7 41.0



#74
N-ethyl acetate
Concen: 20.698 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 43 Resp: 87654
Ion Ratio Lower Upper
43 100
70 36.7 33.0 49.4
55 23.8 19.8 29.6
61 22.0 19.1 28.7

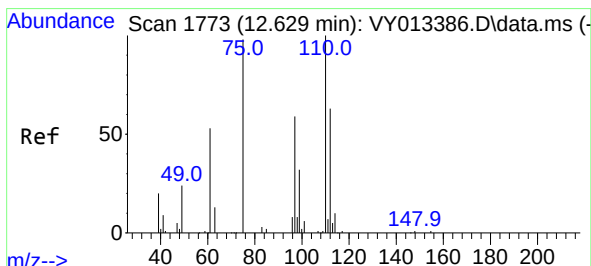
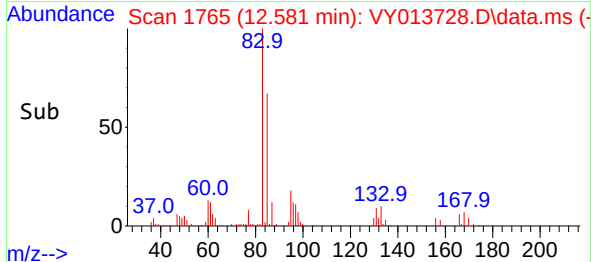
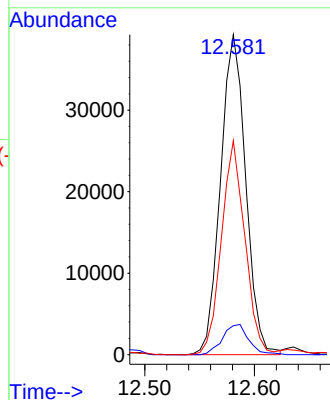
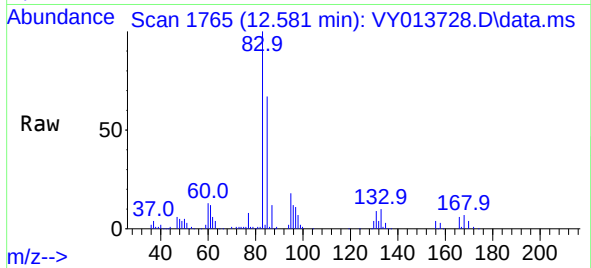




#75
1,1,2,2-Tetrachloroethane
Concen: 21.544 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

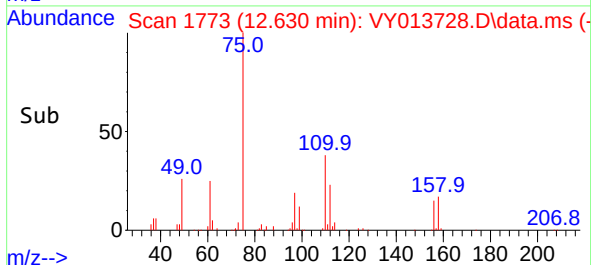
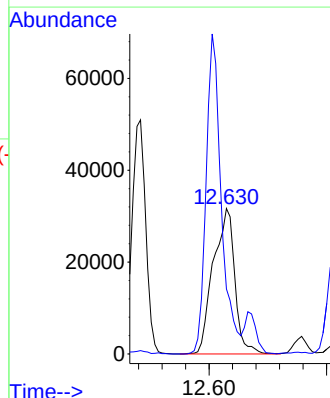
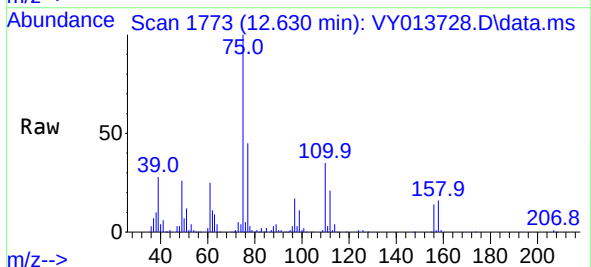
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

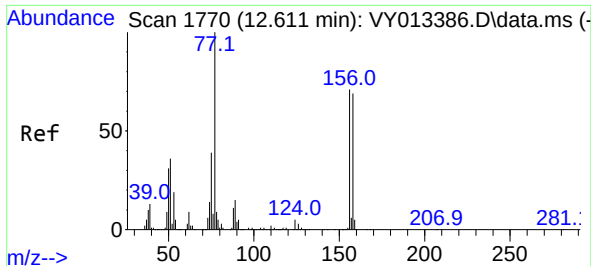
Tgt Ion: 83 Resp: 62667
Ion Ratio Lower Upper
83 100
131 9.8 5.7 17.0
85 62.3 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 37.984 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 75 Resp: 80596
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

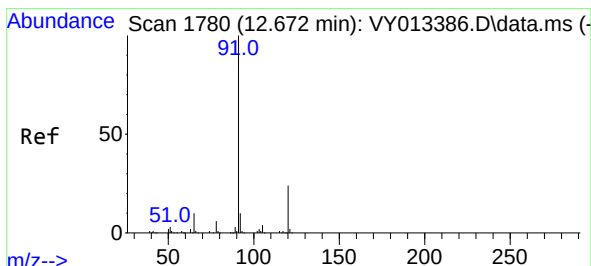
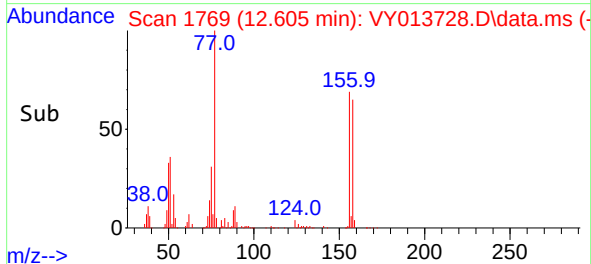
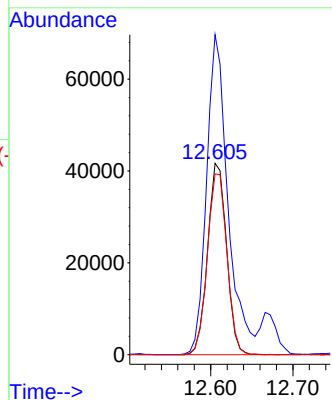
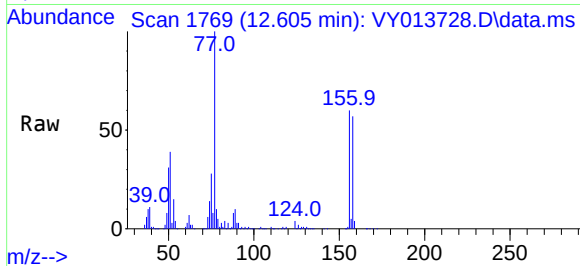




#77
Bromobenzene
Concen: 23.157 ug/l
RT: 12.605 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

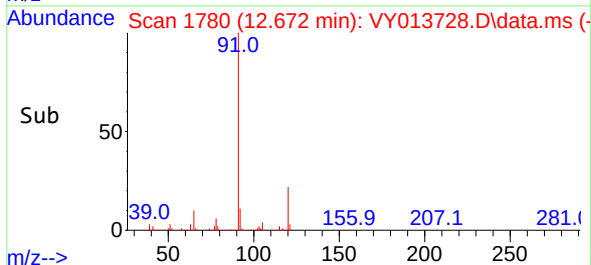
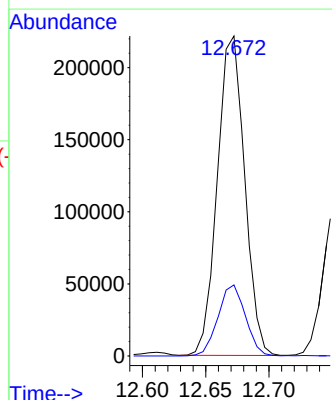
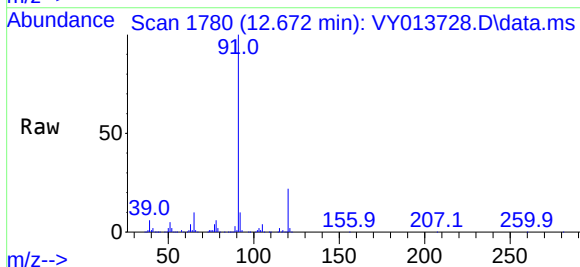
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

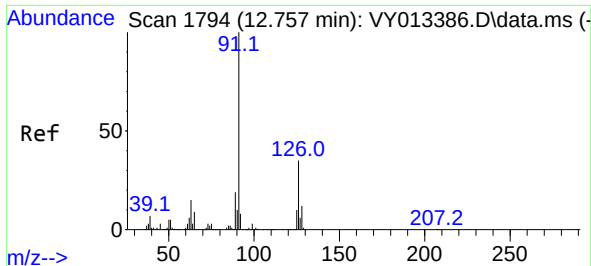
Tgt Ion:156 Resp: 66772
Ion Ratio Lower Upper
156 100
77 188.1 87.6 262.9
158 97.5 48.5 145.5



#78
n-propylbenzene
Concen: 22.678 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 91 Resp: 332413
Ion Ratio Lower Upper
91 100
120 22.4 11.9 35.9

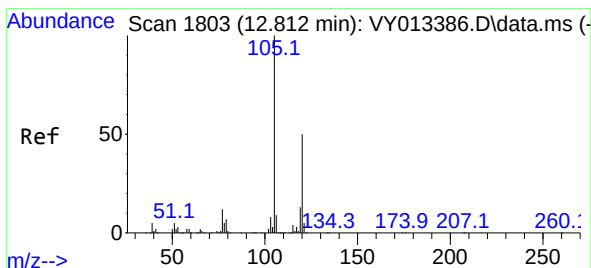
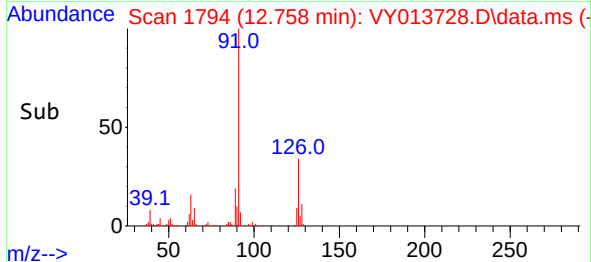
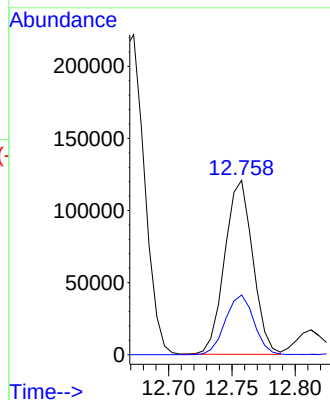
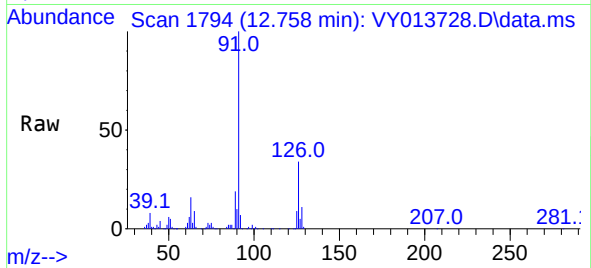




#79
2-Chlorotoluene
Concen: 22.796 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

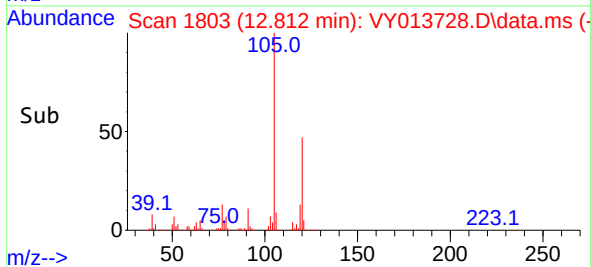
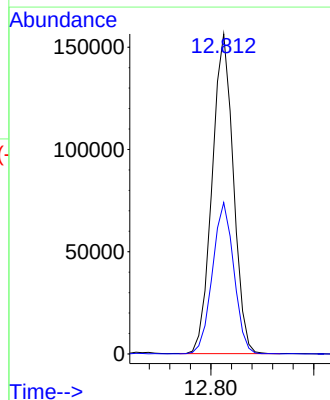
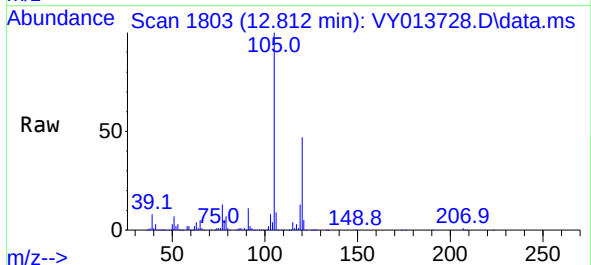
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

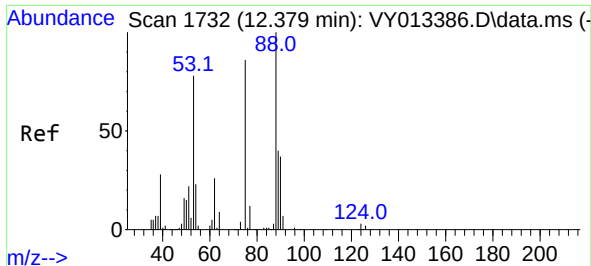
Tgt Ion: 91 Resp: 186593
Ion Ratio Lower Upper
91 100
126 34.9 17.8 53.4



#80
1,3,5-Trimethylbenzene
Concen: 23.047 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:105 Resp: 223853
Ion Ratio Lower Upper
105 100
120 47.7 24.7 74.1

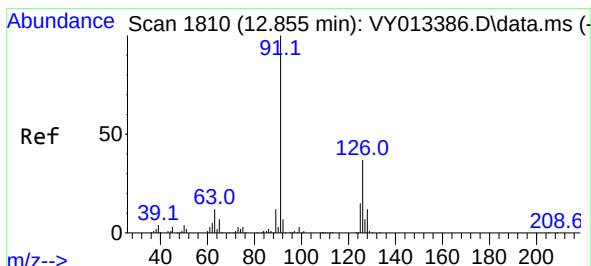
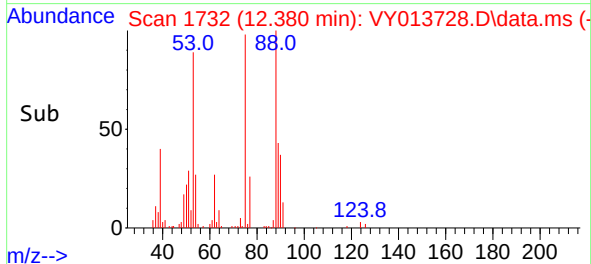
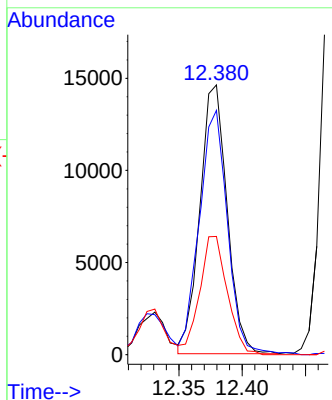
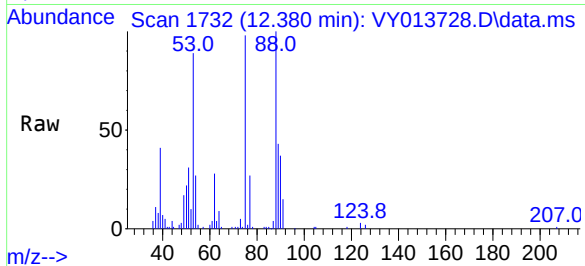




#81
trans-1,4-Dichloro-2-butene
Concen: 21.074 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

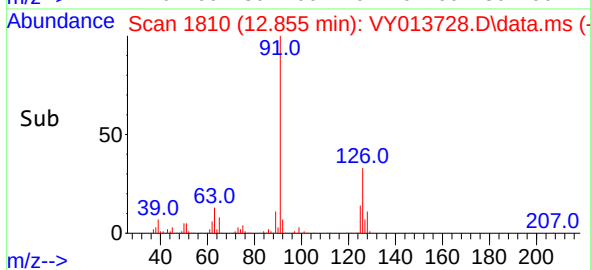
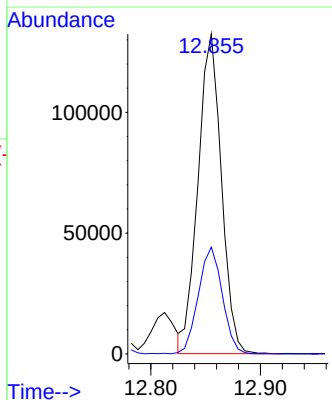
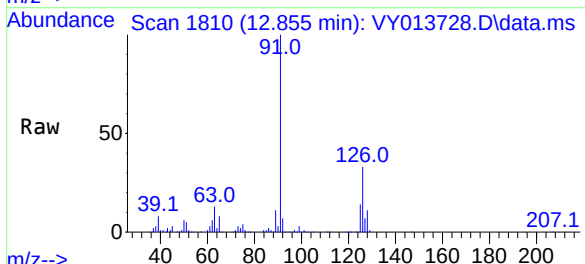
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

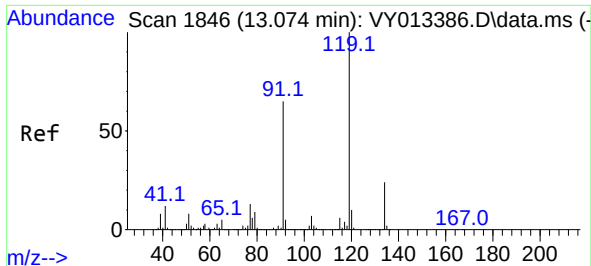
Tgt Ion: 75 Resp: 21860
Ion Ratio Lower Upper
75 100
53 94.5 73.2 109.8
89 44.9 38.0 57.0



#82
4-Chlorotoluene
Concen: 22.983 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 91 Resp: 196083
Ion Ratio Lower Upper
91 100
126 34.3 17.9 53.8

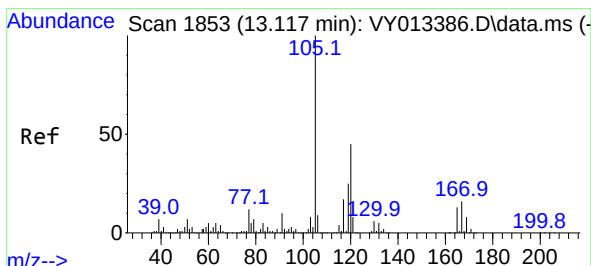
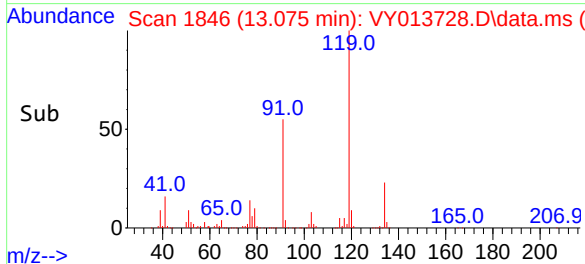
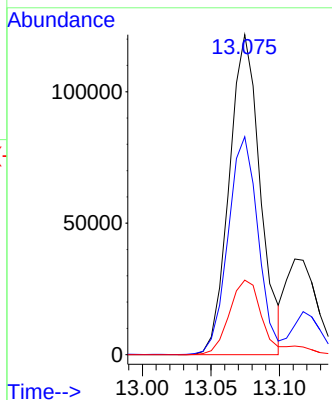
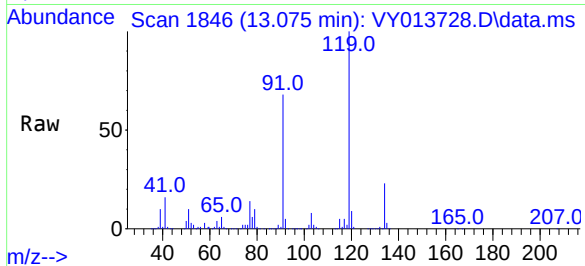




#83
tert-Butylbenzene
Concen: 22.788 ug/l
RT: 13.075 min Scan# 1846
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

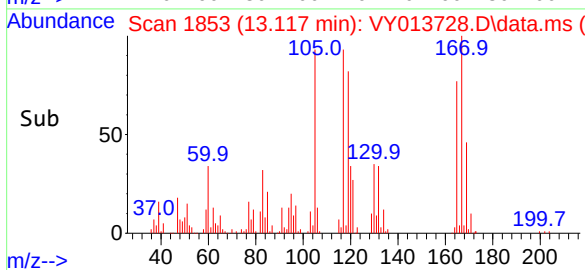
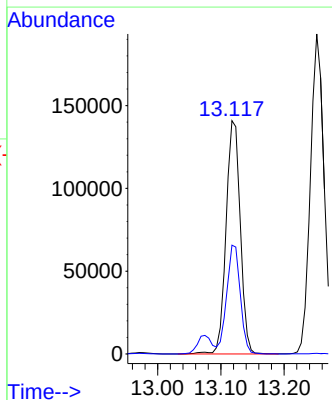
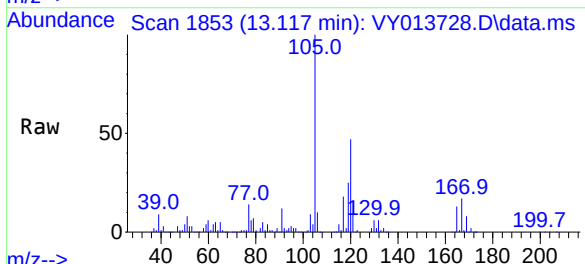
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

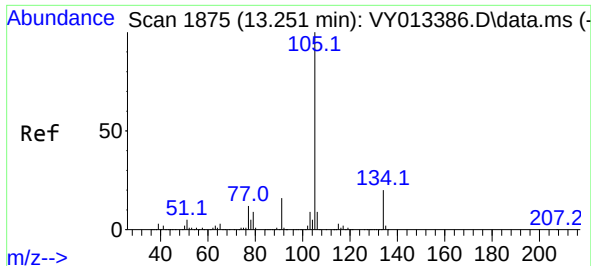
Tgt Ion:119 Resp: 191763
Ion Ratio Lower Upper
119 100
91 65.8 32.2 96.6
134 26.1 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 23.260 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:105 Resp: 219646
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.9

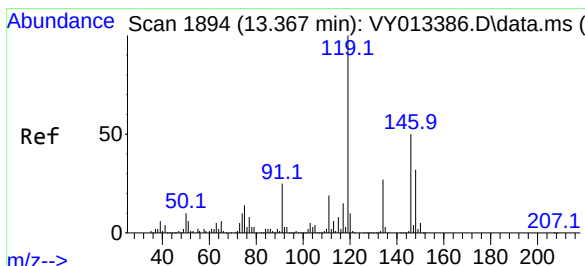
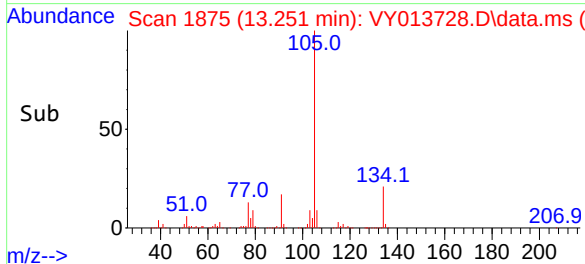
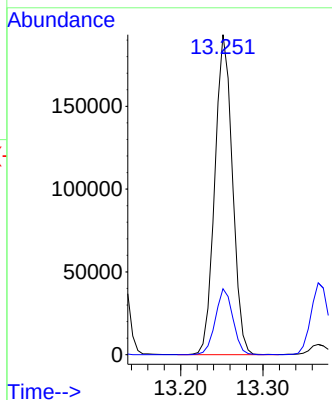
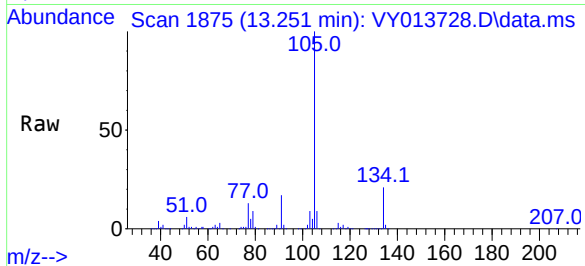




#85
 sec-Butylbenzene
 Concen: 22.719 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY013728.D
 Acq: 15 May 2023 11:45

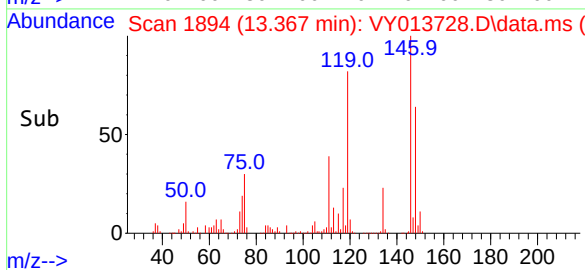
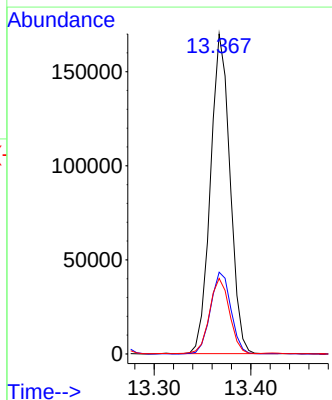
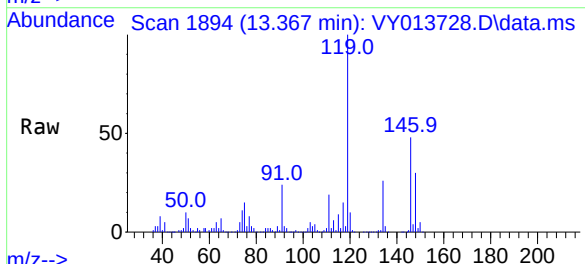
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0515SBS01

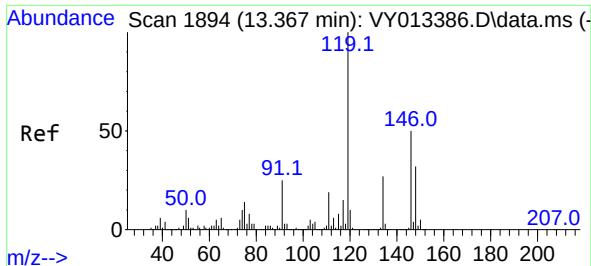
Tgt Ion:105 Resp: 286923
 Ion Ratio Lower Upper
 105 100
 134 20.5 10.3 30.9



#86
 p-Isopropyltoluene
 Concen: 23.493 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY013728.D
 Acq: 15 May 2023 11:45

Tgt Ion:119 Resp: 238594
 Ion Ratio Lower Upper
 119 100
 134 26.7 13.4 40.2
 91 23.9 12.1 36.3

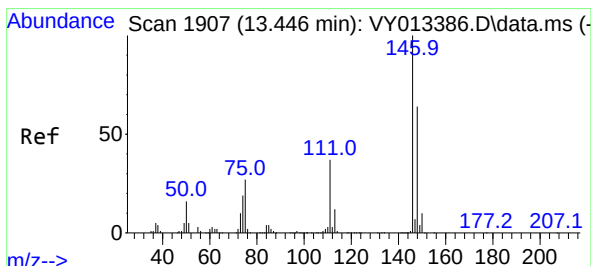
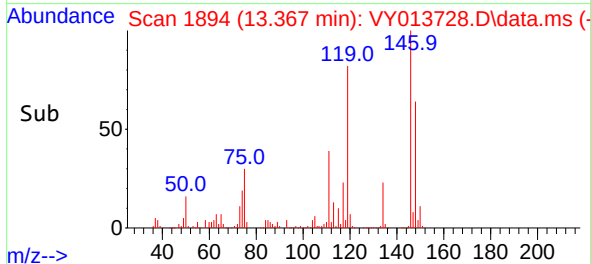
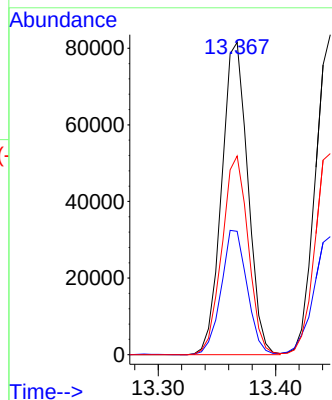
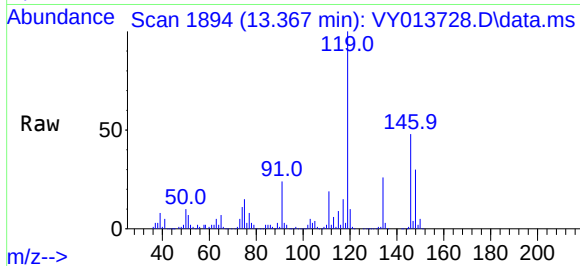




#87
1,3-Dichlorobenzene
Concen: 22.961 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

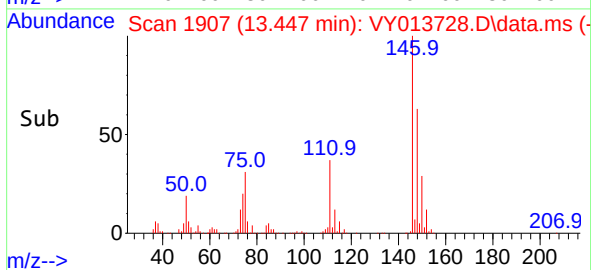
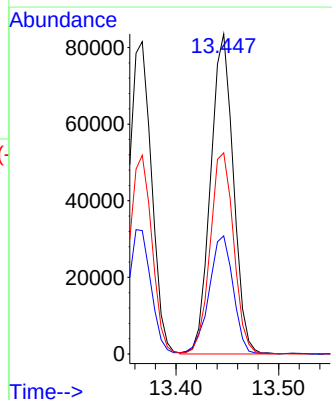
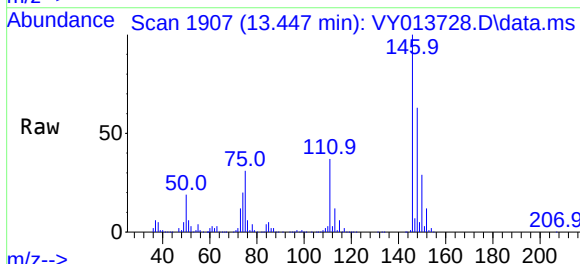
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

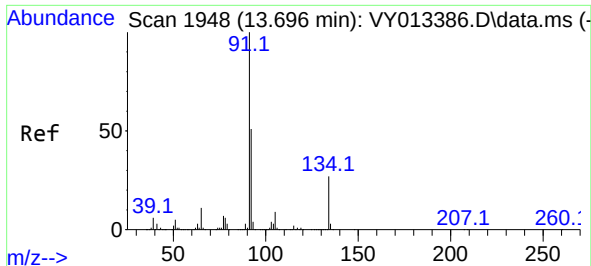
Tgt Ion:146 Resp: 126139
Ion Ratio Lower Upper
146 100
111 39.5 19.3 57.9
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 23.171 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:146 Resp: 128585
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.5
148 65.1 31.9 95.5

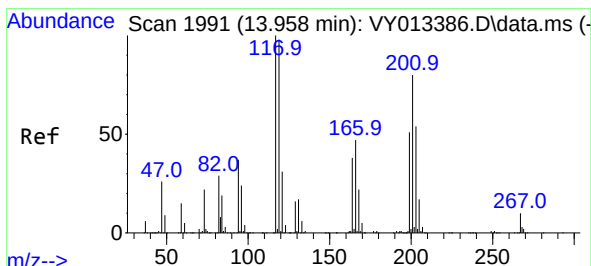
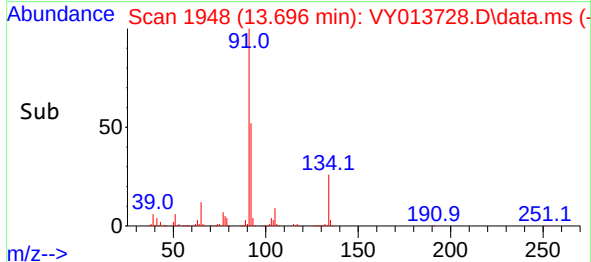
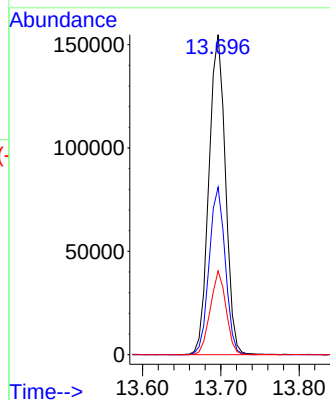
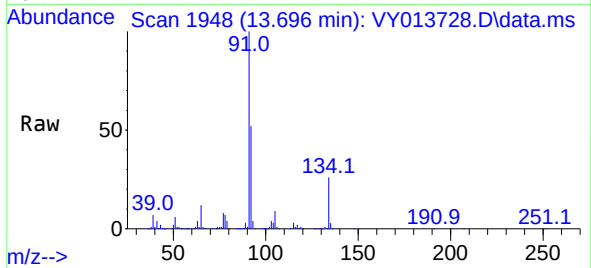




#89
n-Butylbenzene
Concen: 22.863 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

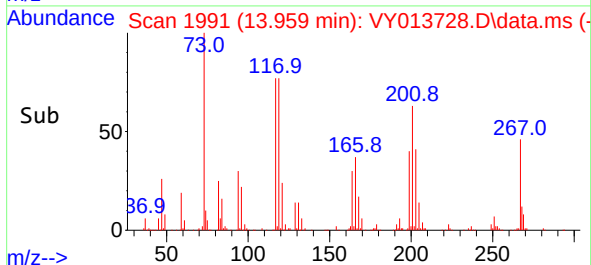
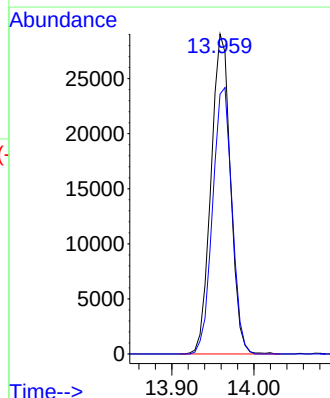
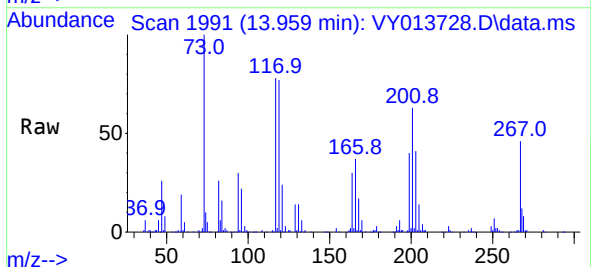
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

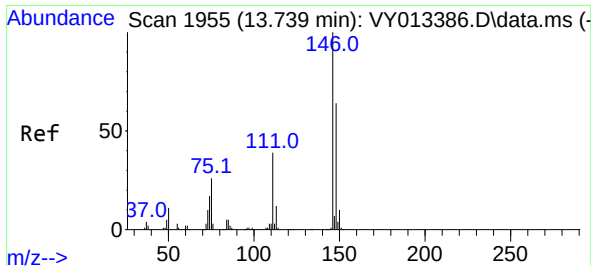
Tgt Ion: 91 Resp: 226627
Ion Ratio Lower Upper
91 100
92 50.9 25.8 77.3
134 24.9 13.5 40.4



#90
Hexachloroethane
Concen: 22.354 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.001 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion: 117 Resp: 47781
Ion Ratio Lower Upper
117 100
201 83.0 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 23.269 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0515SBS01

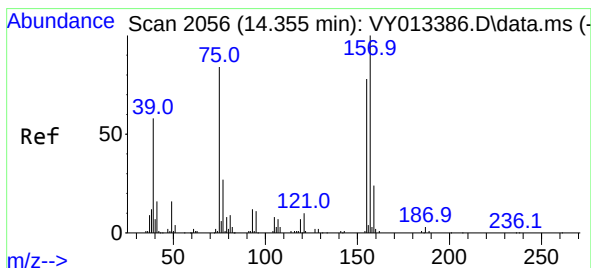
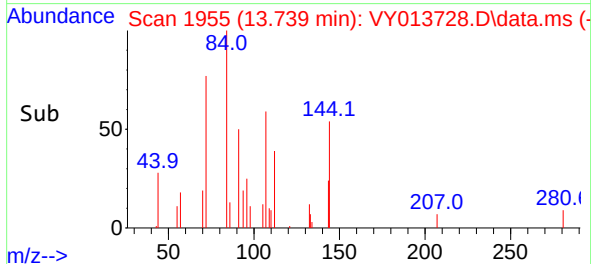
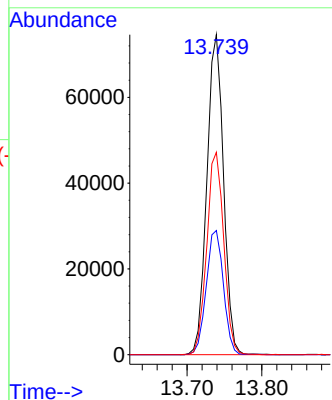
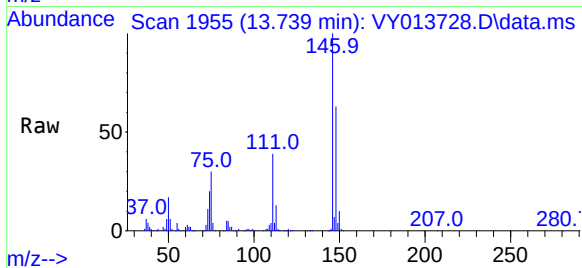
Tgt Ion:146 Resp: 115431

Ion Ratio Lower Upper

146 100

111 40.2 19.8 59.4

148 64.6 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.632 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013728.D

Acq: 15 May 2023 11:45

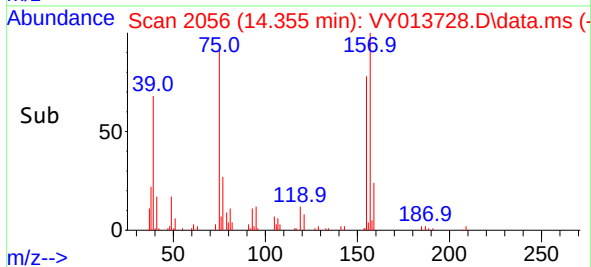
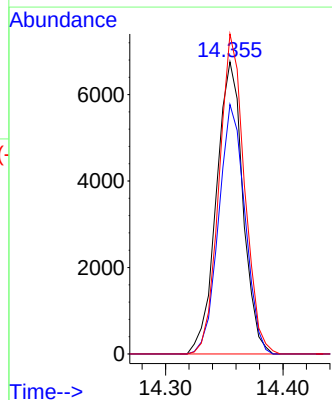
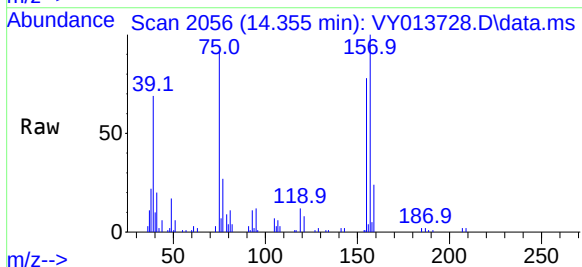
Tgt Ion: 75 Resp: 10599

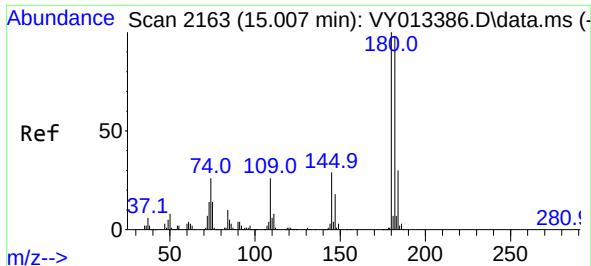
Ion Ratio Lower Upper

75 100

155 84.3 44.6 134.0

157 104.6 57.6 172.7

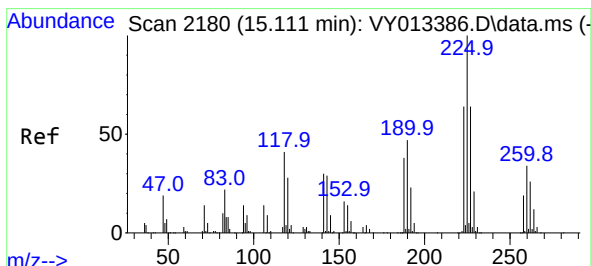
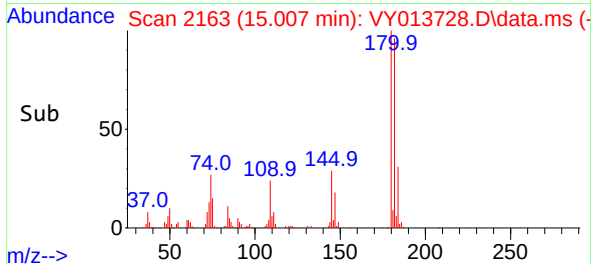
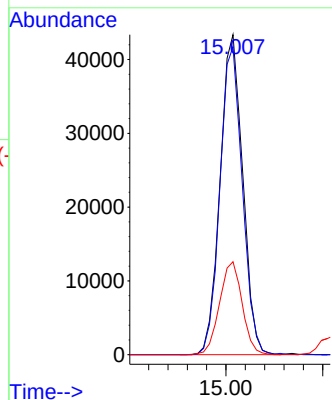
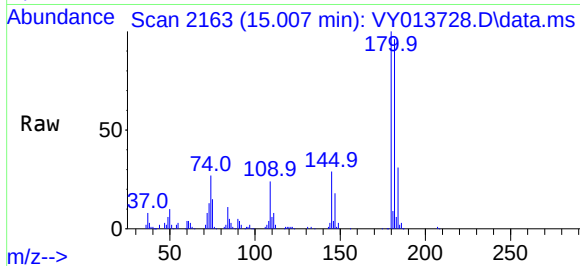




#93
1,2,4-Trichlorobenzene
Concen: 23.733 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

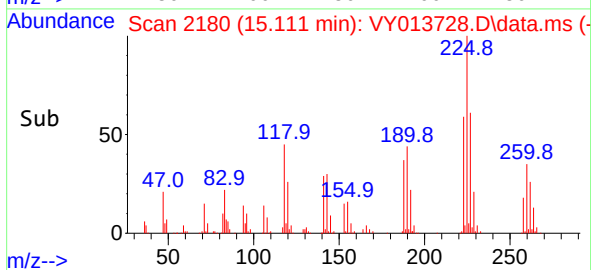
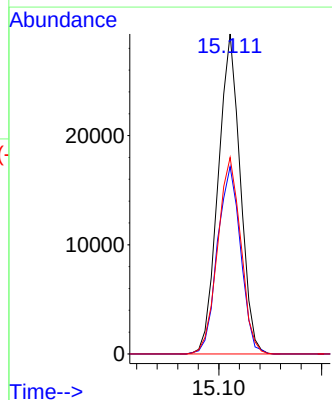
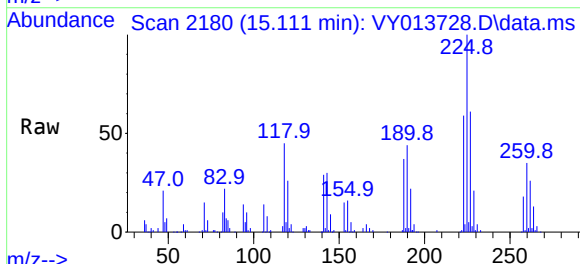
Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBSD01

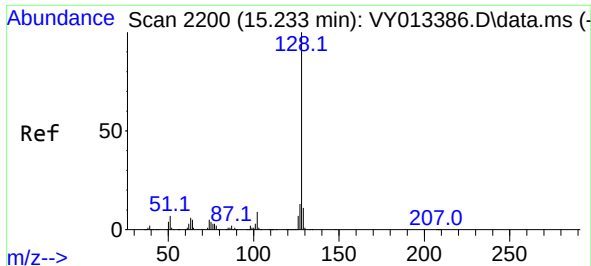
Tgt Ion:180 Resp: 70193
Ion Ratio Lower Upper
180 100
182 95.2 48.5 145.5
145 29.1 15.0 45.0



#94
Hexachlorobutadiene
Concen: 25.409 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:225 Resp: 43737
Ion Ratio Lower Upper
225 100
223 61.3 31.4 94.2
227 64.3 32.0 96.0

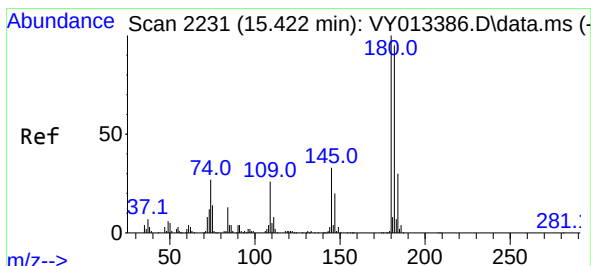
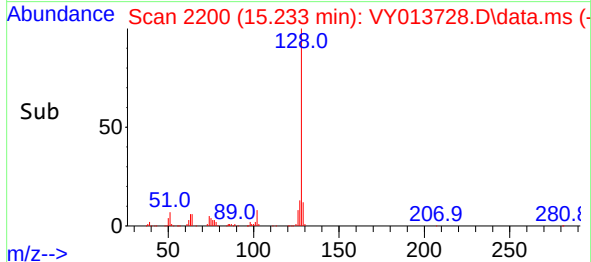
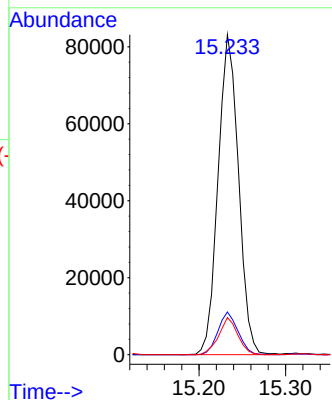
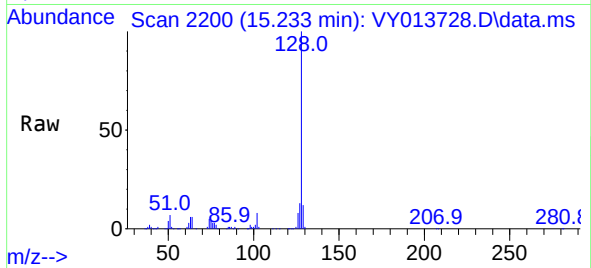




#95
Naphthalene
Concen: 21.272 ug/l
RT: 15.233 min Scan# 2120
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0515SBS01

Tgt Ion:128 Resp: 136507
Ion Ratio Lower Upper
128 100
127 13.1 10.7 16.1
129 10.8 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 23.504 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY013728.D
Acq: 15 May 2023 11:45

Tgt Ion:180 Resp: 61960
Ion Ratio Lower Upper
180 100
182 97.4 47.1 141.3
145 32.2 15.9 47.7

