

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013763.D
 Acq On : 16 May 2023 16:47
 Operator : KP/MD
 Sample : VY0516SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS02

Quant Time: May 17 07:50:16 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	7.783	168	183768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	259965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135912	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112072	55.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.260%	
35) Dibromofluoromethane	7.710	113	104118	57.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.620%	
50) Toluene-d8	10.173	98	344843	53.821	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.477	95	132521	61.351	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.700%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	37680	21.568	ug/l	97
3) Chloromethane	2.107	50	57460	24.537	ug/l	98
4) Vinyl Chloride	2.247	62	57710	24.750	ug/l	100
5) Bromomethane	2.644	94	52752	28.390	ug/l	95
6) Chloroethane	2.784	64	40875	25.375	ug/l	99
7) Trichlorofluoromethane	3.119	101	84265	23.856	ug/l	96
8) Diethyl Ether	3.521	74	27690	23.020	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	49040	24.751	ug/l	96
10) Methyl Iodide	4.082	142	41083	16.509	ug/l	98
11) Tert butyl alcohol	4.954	59	24178	106.930	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	44154	23.119	ug/l	87
13) Acrolein	3.729	56	13647	71.200	ug/l	93
14) Allyl chloride	4.472	41	83471	23.554	ug/l	96
15) Acrylonitrile	5.149	53	77953	115.717	ug/l	97
16) Acetone	3.942	43	88094	111.043	ug/l	93
17) Carbon Disulfide	4.186	76	123821	19.959	ug/l	99
18) Methyl Acetate	4.472	43	61254	23.378	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	126698	22.978	ug/l	99
20) Methylene Chloride	4.704	84	66016	22.039	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	49087	23.507	ug/l	90
22) Diisopropyl ether	6.106	45	180005	25.988	ug/l #	91
23) Vinyl Acetate	6.051	43	517919	132.062	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	97533	25.265	ug/l	97
25) 2-Butanone	6.984	43	116935	116.224	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	84100	25.282	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	56875	24.651	ug/l	92
28) Bromochloromethane	7.326	49	36442	26.602	ug/l #	80
29) Tetrahydrofuran	7.338	42	70643	112.796	ug/l	90
30) Chloroform	7.496	83	97562	25.419	ug/l	99
31) Cyclohexane	7.777	56	82421	22.852	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	85906	25.082	ug/l	97
36) 1,1-Dichloropropene	7.911	75	71756	24.005	ug/l	98
37) Ethyl Acetate	7.063	43	51890	23.068	ug/l	96
38) Carbon Tetrachloride	7.893	117	76026	24.266	ug/l	96
39) Methylcyclohexane	9.179	83	79658	22.605	ug/l	94
40) Benzene	8.155	78	206330	24.504	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	24488	23.361	ug/l	94
42) 1,2-Dichloroethane	8.228	62	66549	24.175	ug/l	98
43) Isopropyl Acetate	8.264	43	88289	23.253	ug/l	97
44) Trichloroethene	8.935	130	53805	24.023	ug/l	96
45) 1,2-Dichloropropane	9.209	63	55752	25.324	ug/l	97
46) Dibromomethane	9.295	93	31391	23.830	ug/l	94
47) Bromodichloromethane	9.490	83	74689	25.339	ug/l	99
48) Methyl methacrylate	9.289	41	42017	24.096	ug/l	92
49) 1,4-Dioxane	9.307	88	8394	446.168	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	252871	119.517	ug/l	94
52) Toluene	10.240	92	127367	25.137	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	76965	24.672	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	85765	24.433	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	43151	24.736	ug/l	96
56) Ethyl methacrylate	10.502	69	58262	24.073	ug/l	89
57) 1,3-Dichloropropane	10.782	76	74585	25.245	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	116548	128.423	ug/l	92
59) 2-Hexanone	10.825	43	184772	120.138	ug/l	96
60) Dibromochloromethane	10.977	129	52893	24.971	ug/l	98
61) 1,2-Dibromoethane	11.081	107	41002	23.907	ug/l	99
64) Tetrachloroethene	10.715	164	46460	23.503	ug/l	98
65) Chlorobenzene	11.514	112	134313	23.717	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	52732	24.898	ug/l	98
67) Ethyl Benzene	11.587	91	243100	24.446	ug/l	98
68) m/p-Xylenes	11.697	106	184907	48.913	ug/l	98
69) o-Xylene	12.026	106	85222	23.837	ug/l	96
70) Styrene	12.038	104	145530	24.344	ug/l	99
71) Bromoform	12.203	173	34622	23.338	ug/l #	98
73) Isopropylbenzene	12.325	105	231804	22.549	ug/l	99
74) N-amyl acetate	12.142	43	79268	21.669	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	56225	22.376	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	71629	39.079	ug/l #	100
77) Bromobenzene	12.605	156	55920	22.450	ug/l	90
78) n-propylbenzene	12.666	91	294191	23.234	ug/l	96
79) 2-Chlorotoluene	12.751	91	163163	23.075	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	194766	23.213	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	18707	20.877	ug/l	90
82) 4-Chlorotoluene	12.849	91	167911	22.784	ug/l	98
83) tert-Butylbenzene	13.068	119	174115	23.953	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	193556	23.727	ug/l	100
85) sec-Butylbenzene	13.251	105	256302	23.493	ug/l	97
86) p-Isopropyltoluene	13.367	119	209525	23.882	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	111582	23.513	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	110237	22.996	ug/l	99
89) n-Butylbenzene	13.696	91	206366	24.100	ug/l	98
90) Hexachloroethane	13.959	117	43421	23.516	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	99180	23.144	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9143	20.603	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	60150	23.543	ug/l	97
94) Hexachlorobutadiene	15.111	225	38414	25.834	ug/l	99
95) Naphthalene	15.233	128	118442	21.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	53386	23.444	ug/l	100

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

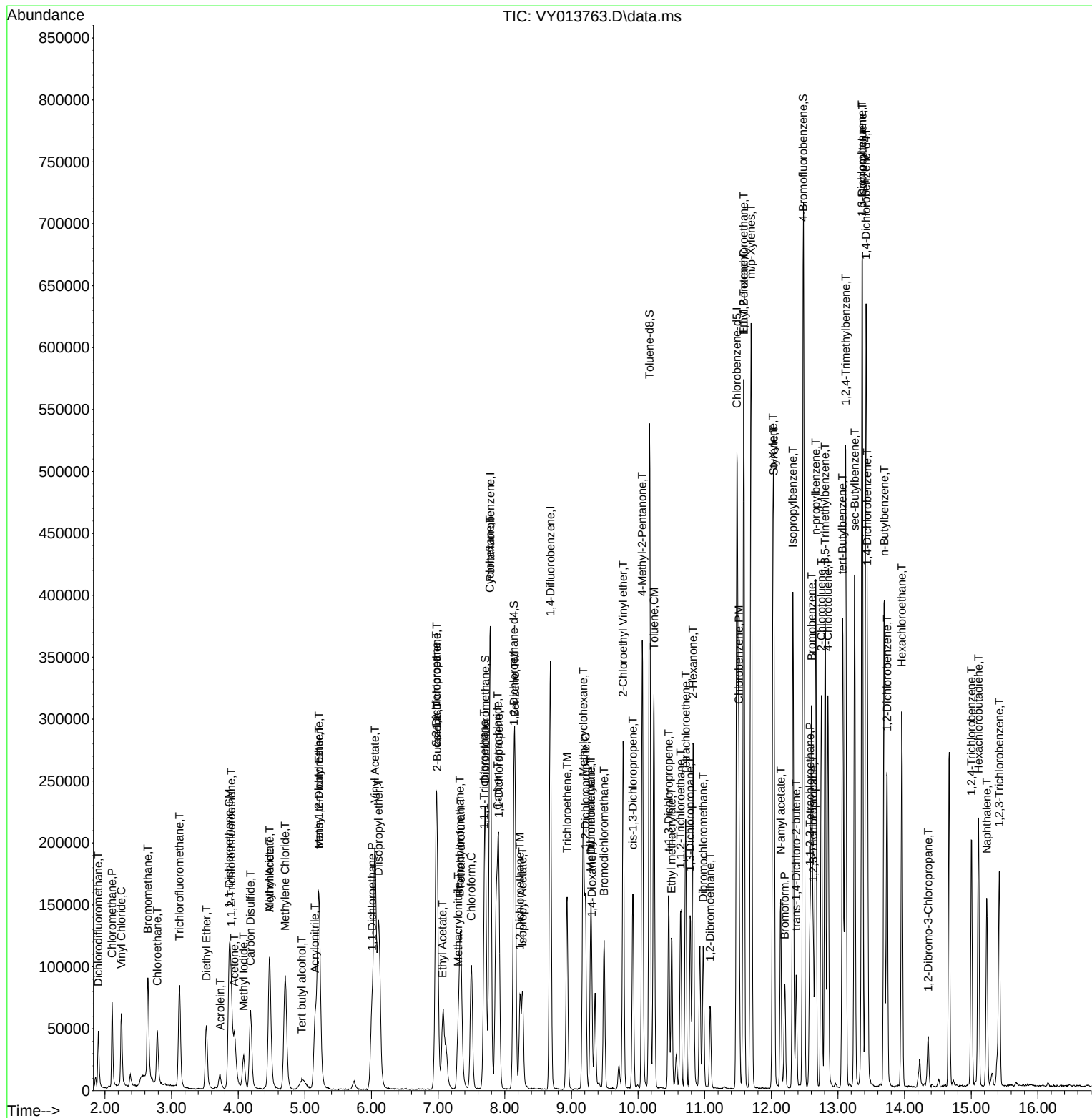
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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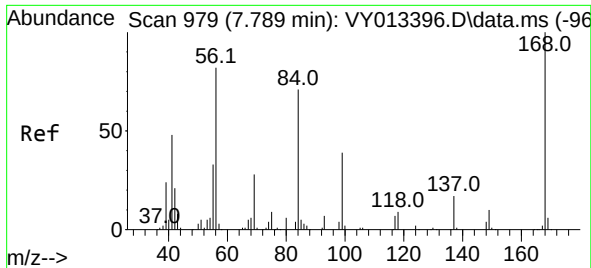
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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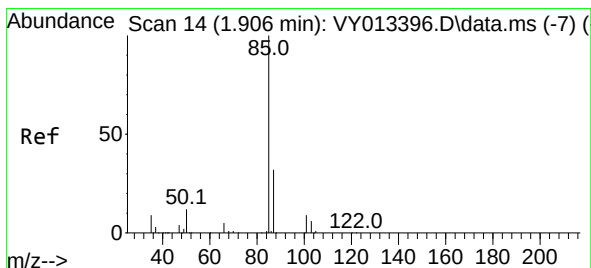
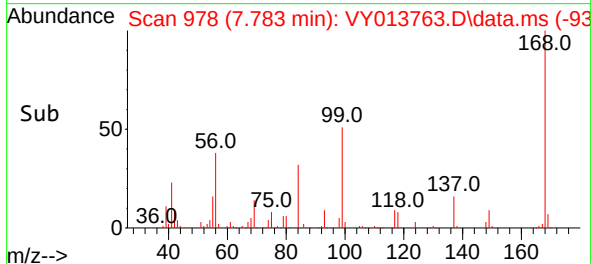
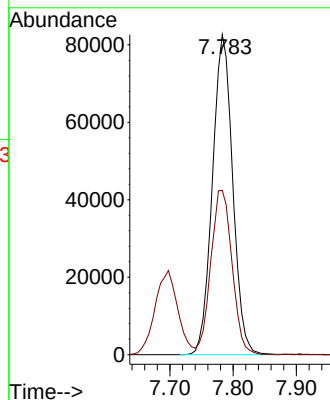
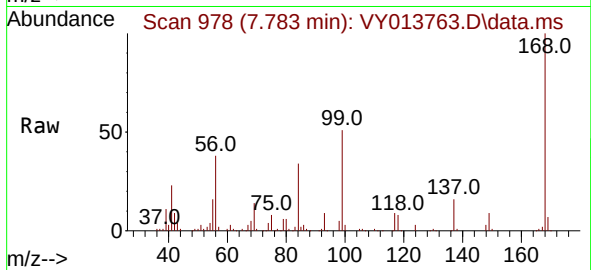




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013763.D
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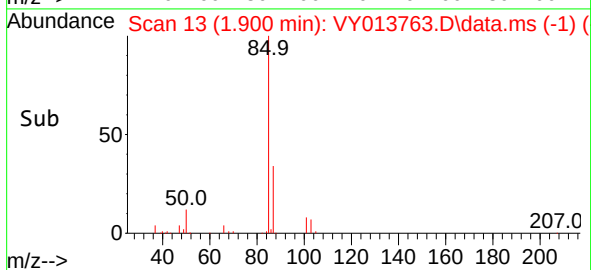
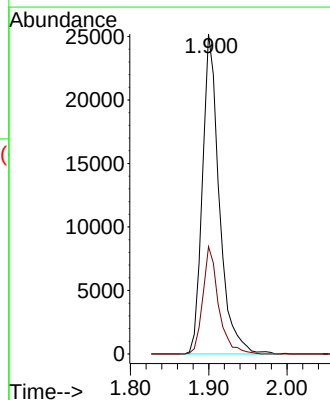
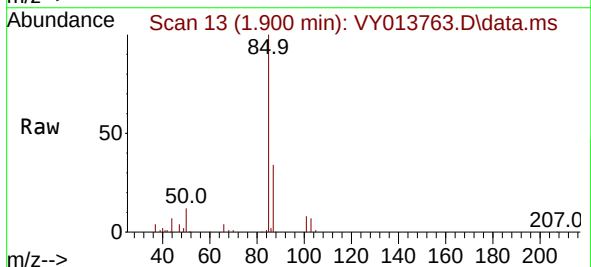
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD02

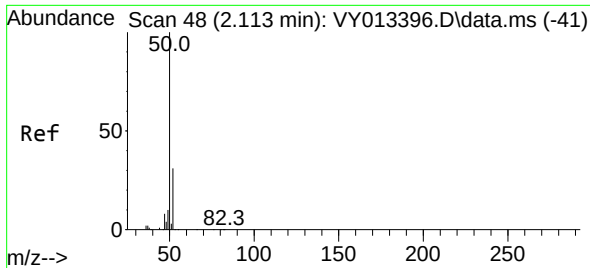
Tgt Ion:168 Resp: 183768
Ion Ratio Lower Upper
168 100
99 51.4 41.8 62.6



#2
Dichlorodifluoromethane
Concen: 21.568 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 85 Resp: 37680
Ion Ratio Lower Upper
85 100
87 33.5 16.1 48.2

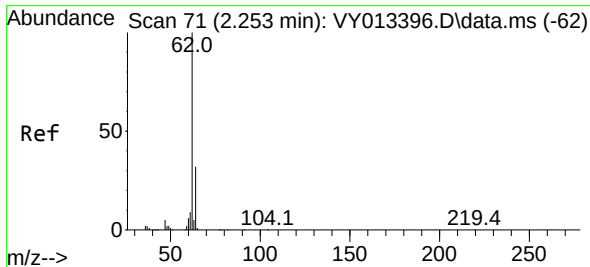
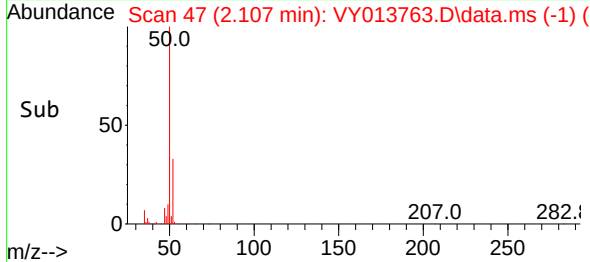
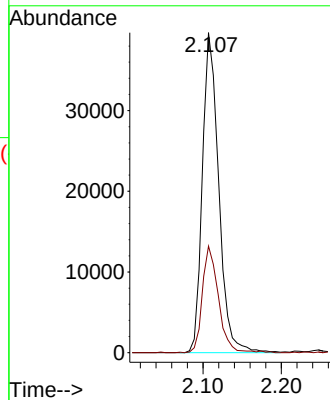
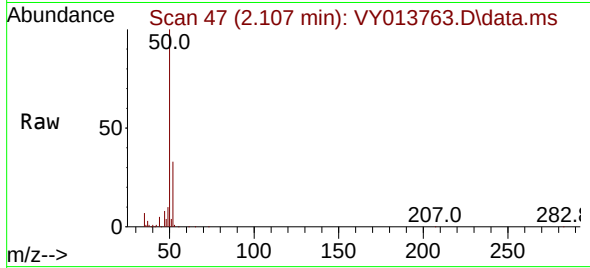




#3
Chloromethane
Concen: 24.537 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

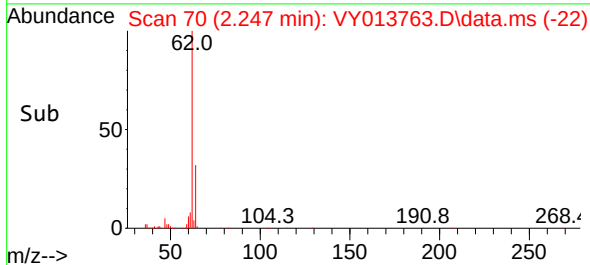
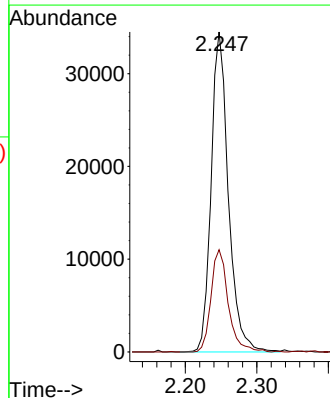
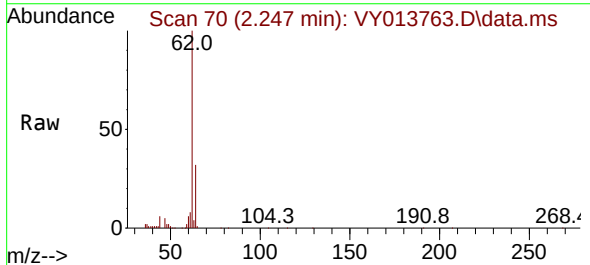
Instrument :
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ClientSampleId :
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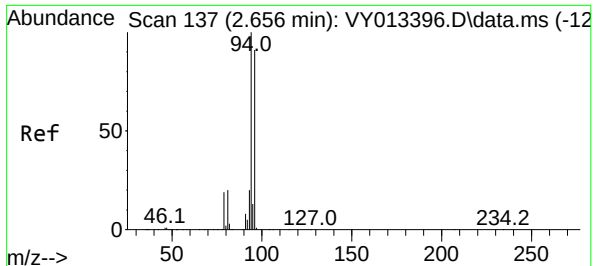
Tgt Ion: 50 Resp: 57460
Ion Ratio Lower Upper
50 100
52 33.3 25.9 38.9



#4
Vinyl Chloride
Concen: 24.750 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 62 Resp: 57710
Ion Ratio Lower Upper
62 100
64 31.9 25.4 38.0

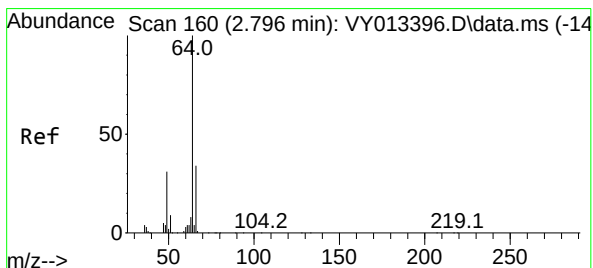
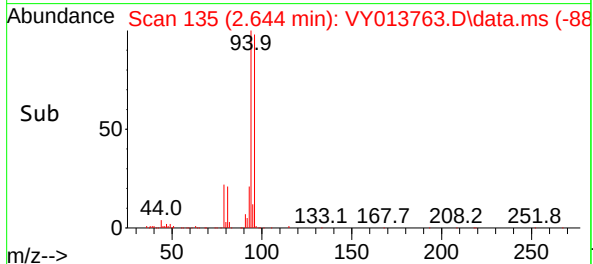
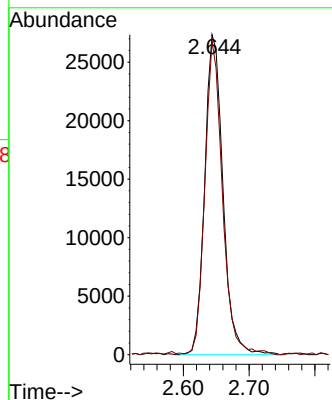
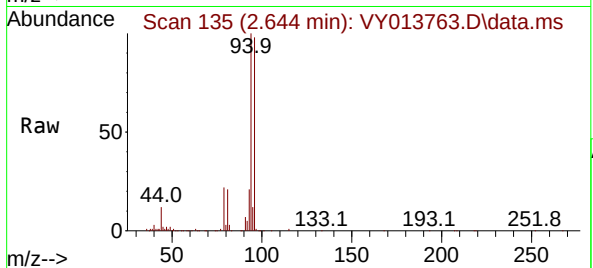




#5
Bromomethane
Concen: 28.390 ug/l
RT: 2.644 min Scan# 11
Delta R.T. -0.013 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

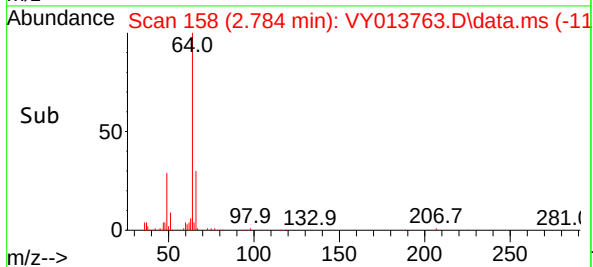
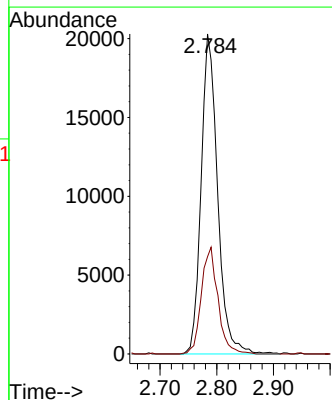
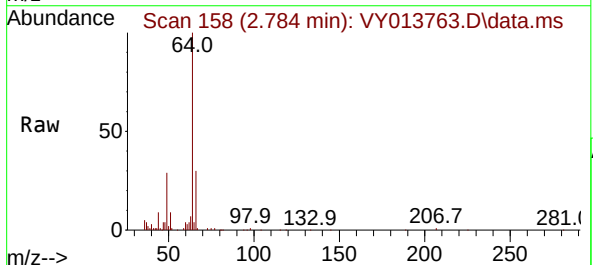
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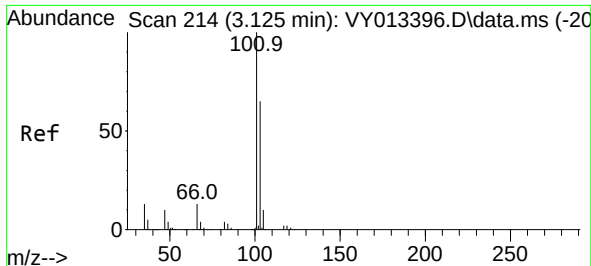
Tgt Ion: 94 Resp: 52752
Ion Ratio Lower Upper
94 100
96 97.9 74.2 111.2



#6
Chloroethane
Concen: 25.375 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.006 min
Lab File: VY013763.D
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Tgt Ion: 64 Resp: 40875
Ion Ratio Lower Upper
64 100
66 30.4 24.6 37.0

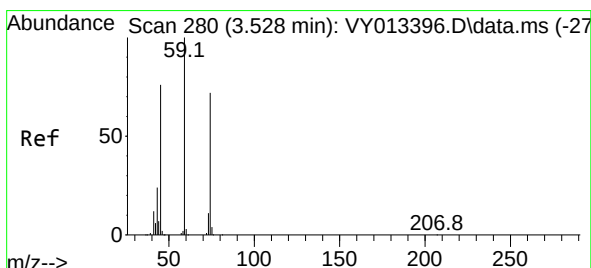
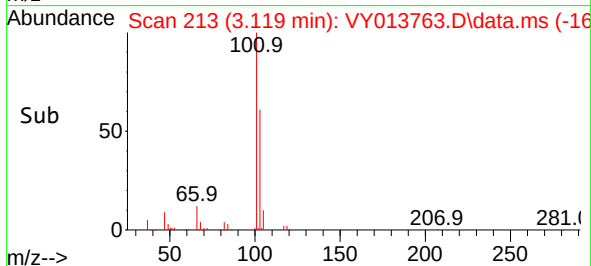
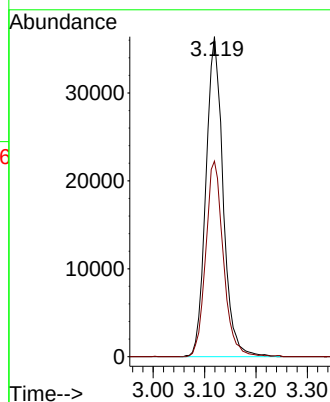
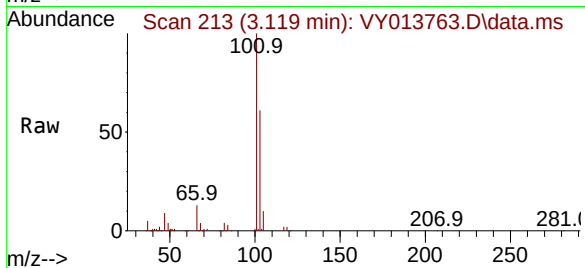




#7
Trichlorofluoromethane
Concen: 23.856 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

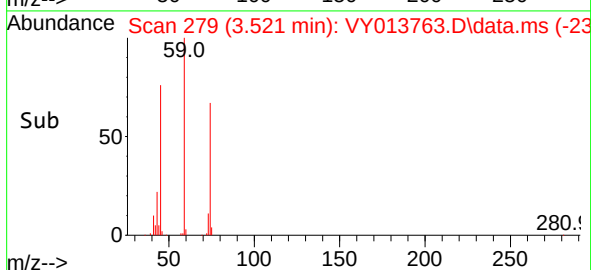
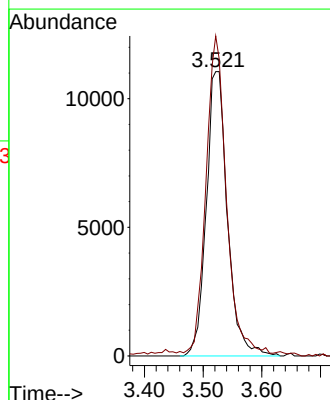
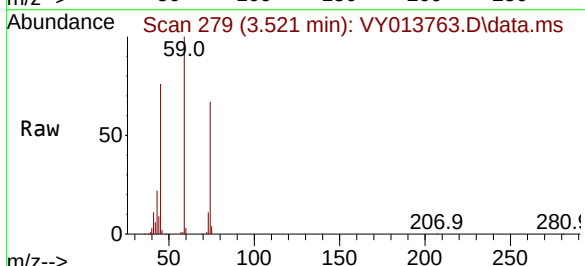
Instrument :
MSVOA_Y
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VY0516SBSD02

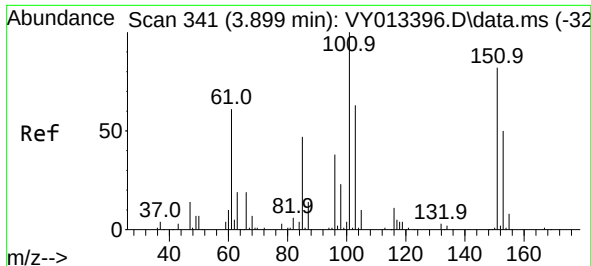
Tgt Ion:101 Resp: 84265
Ion Ratio Lower Upper
101 100
103 61.1 51.6 77.4



#8
Diethyl Ether
Concen: 23.020 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 74 Resp: 27690
Ion Ratio Lower Upper
74 100
45 106.4 48.2 144.6

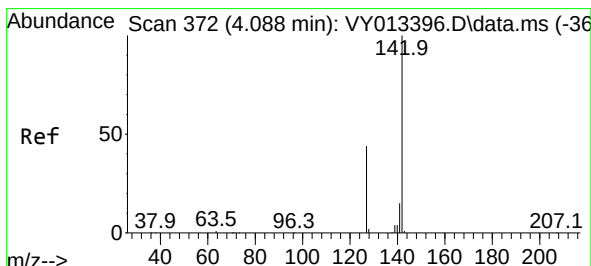
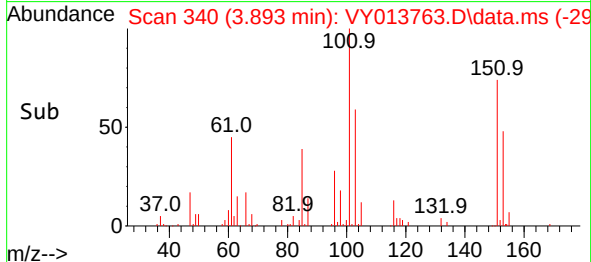
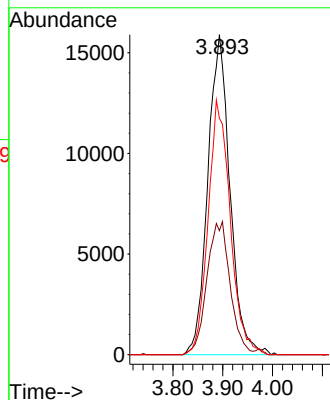
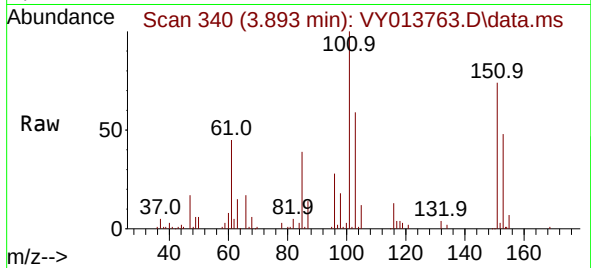




#9
1,1,2-Trichlorotrifluoroethane
Concen: 24.751 ug/l
RT: 3.893 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

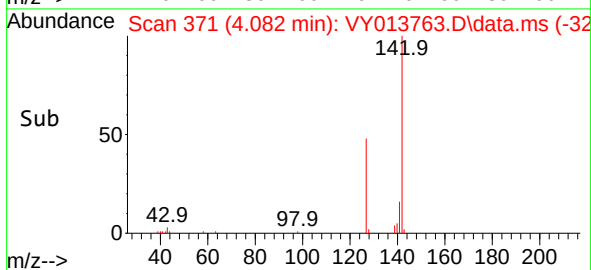
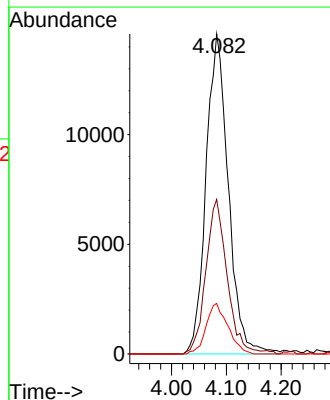
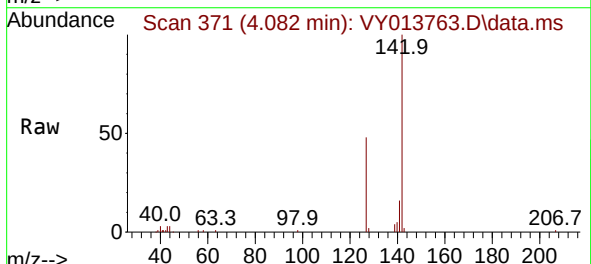
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD02

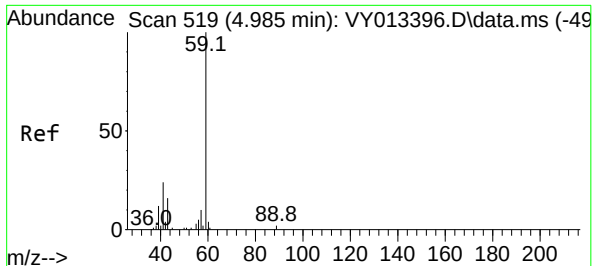
Tgt Ion:101 Resp: 49040
Ion Ratio Lower Upper
101 100
85 43.7 35.6 53.4
151 79.7 68.0 102.0



#10
Methyl Iodide
Concen: 16.509 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion:142 Resp: 41083
Ion Ratio Lower Upper
142 100
127 46.3 36.1 54.1
141 15.5 11.6 17.4

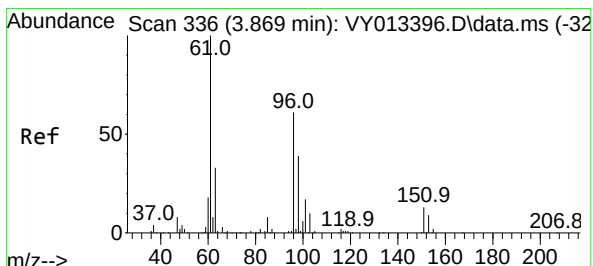
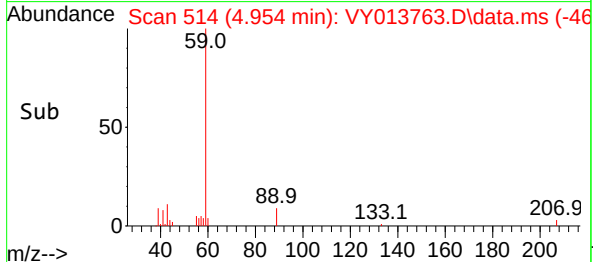
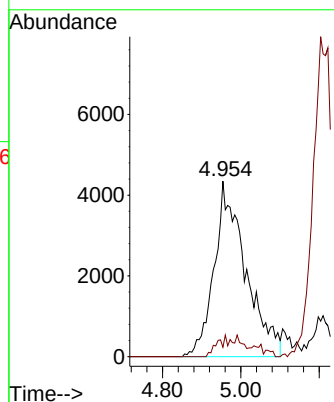
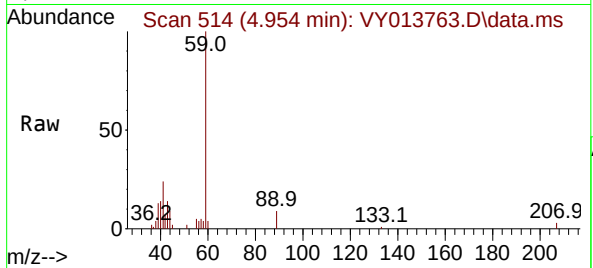




#11
Tert butyl alcohol
Concen: 106.930 ug/l
RT: 4.954 min Scan# 519
Delta R.T. -0.024 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

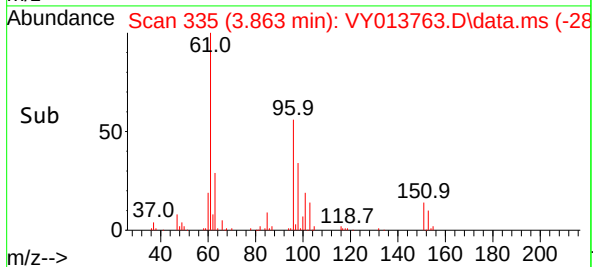
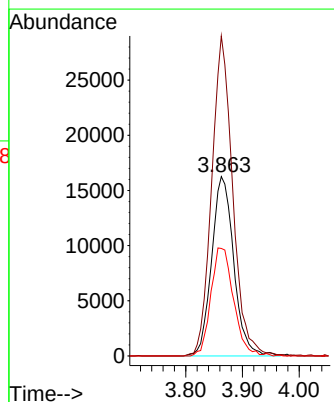
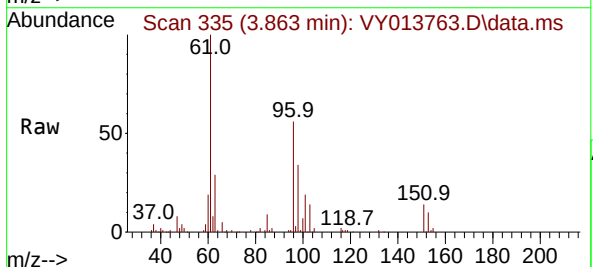
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

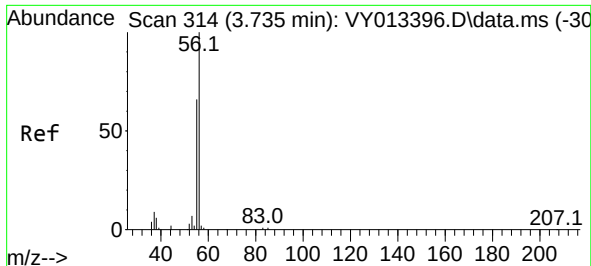
Tgt Ion: 59 Resp: 24178
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 23.119 ug/l
RT: 3.863 min Scan# 335
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 96 Resp: 44154
Ion Ratio Lower Upper
96 100
61 178.4 123.9 185.9
98 59.9 48.9 73.3





#13

Acrolein

Concen: 71.200 ug/l

RT: 3.729 min Scan# 314

Delta R.T. -0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

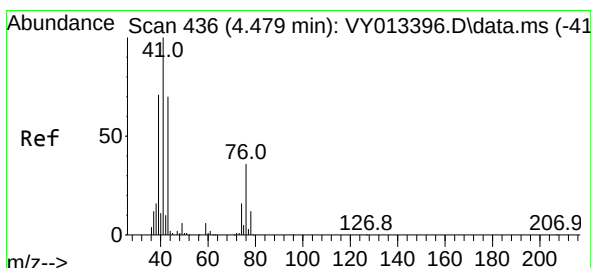
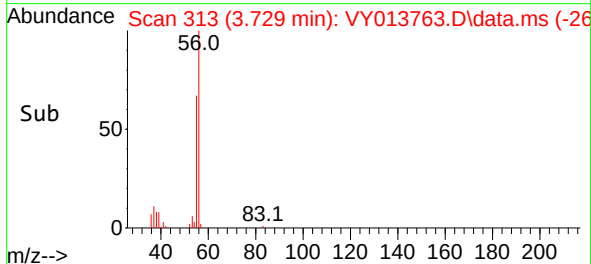
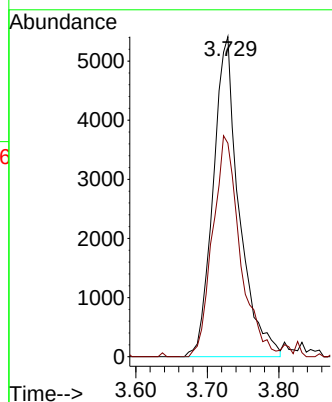
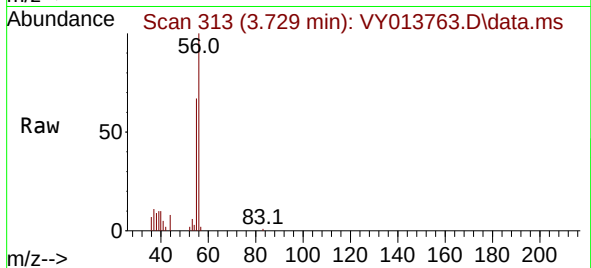
VY0516SBS02

Tgt Ion: 56 Resp: 13647

Ion Ratio Lower Upper

56 100

55 73.0 54.1 81.1



#14

Allyl chloride

Concen: 23.554 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

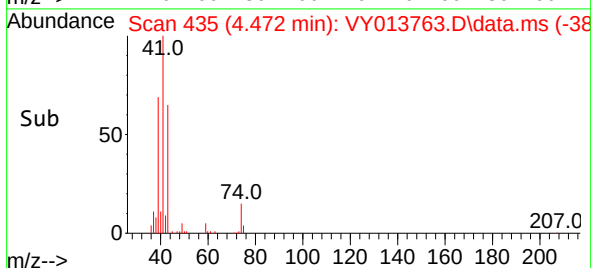
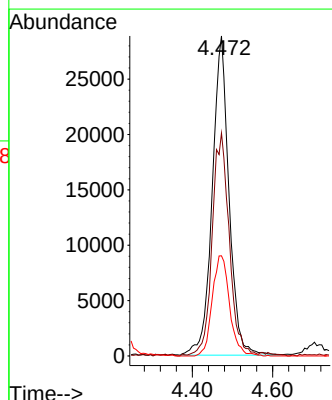
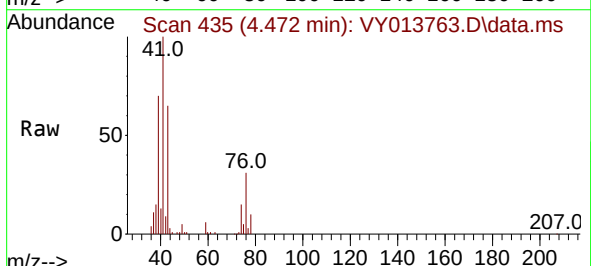
Tgt Ion: 41 Resp: 83471

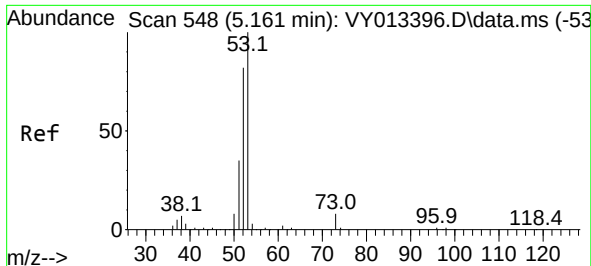
Ion Ratio Lower Upper

41 100

39 71.5 56.6 85.0

76 32.6 30.5 45.7

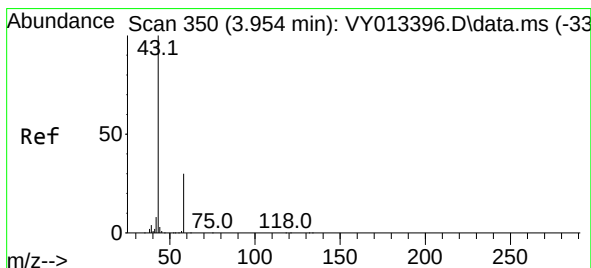
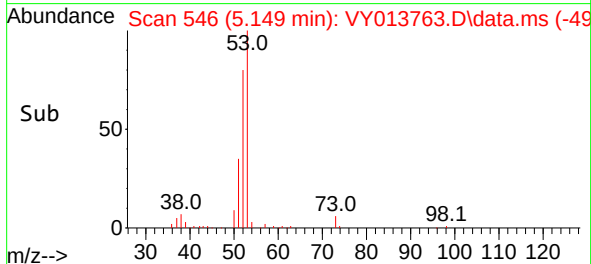
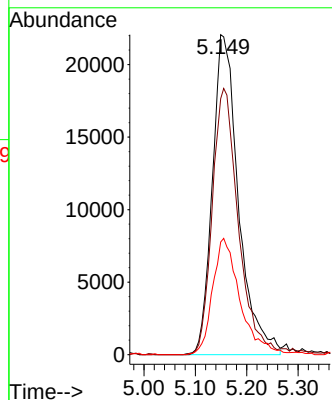
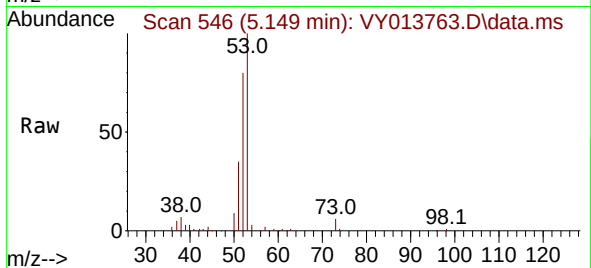




#15
Acrylonitrile
Concen: 115.717 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

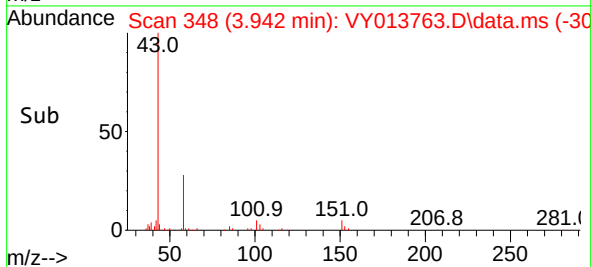
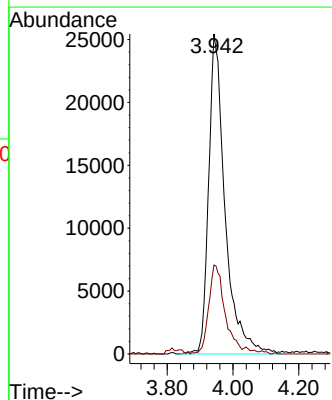
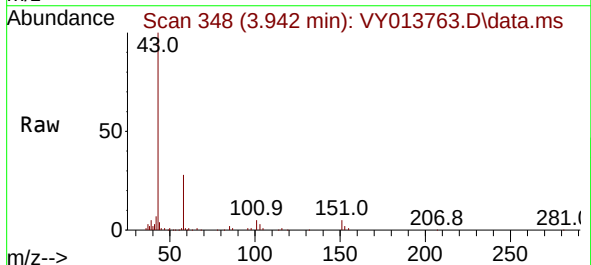
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD02

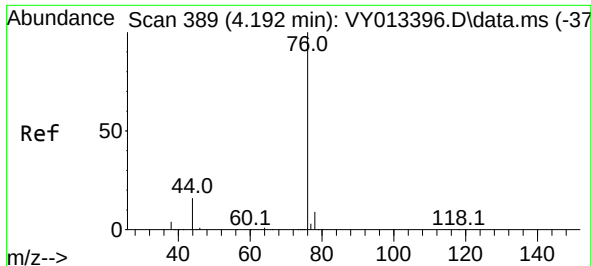
Tgt Ion: 53 Resp: 77953
Ion Ratio Lower Upper
53 100
52 84.3 65.4 98.0
51 38.1 29.3 43.9



#16
Acetone
Concen: 111.043 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 43 Resp: 88094
Ion Ratio Lower Upper
43 100
58 28.0 25.4 38.0

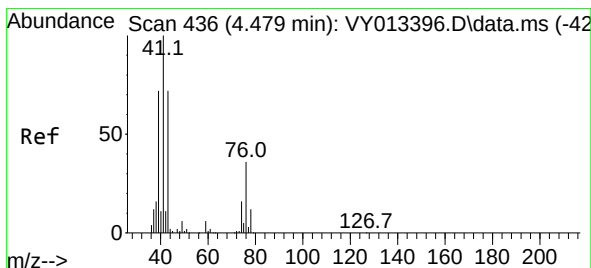
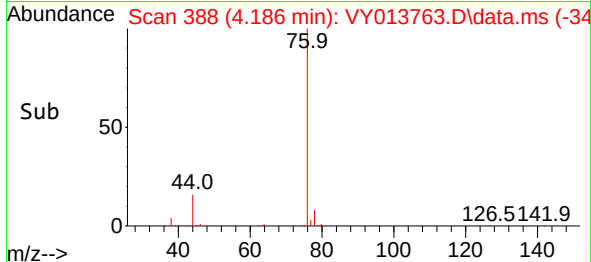
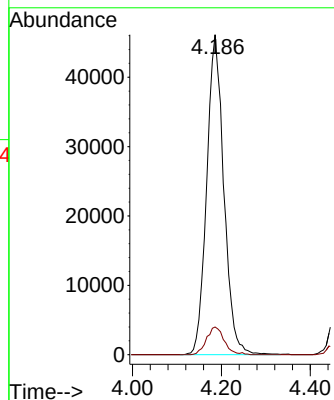
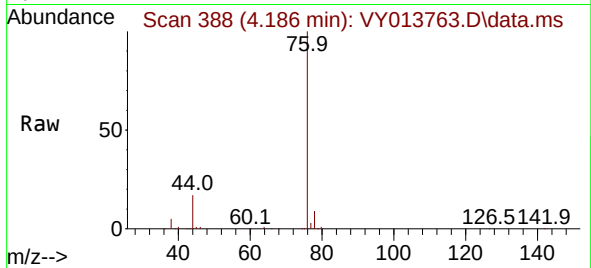




#17
Carbon Disulfide
Concen: 19.959 ug/l
RT: 4.186 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

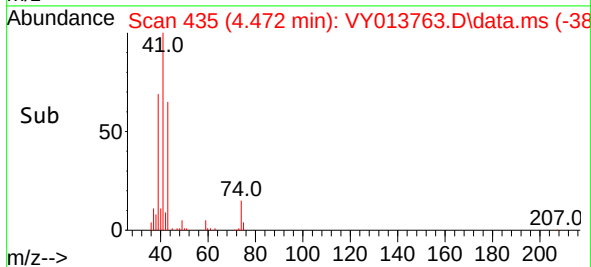
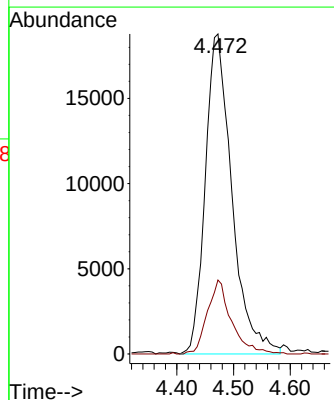
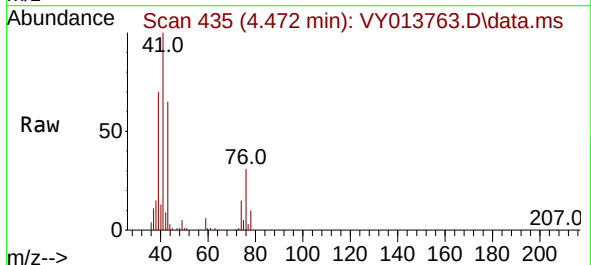
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

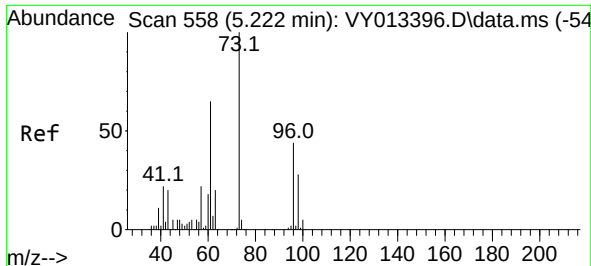
Tgt Ion: 76 Resp: 123821
Ion Ratio Lower Upper
76 100
78 8.6 7.2 10.8



#18
Methyl Acetate
Concen: 23.378 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 43 Resp: 61254
Ion Ratio Lower Upper
43 100
74 20.8 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 22.978 ug/l

RT: 5.210 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

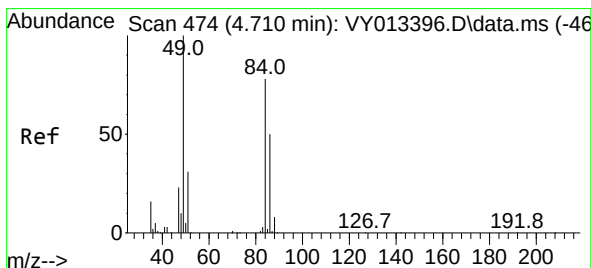
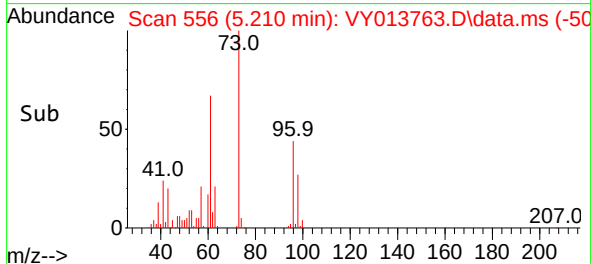
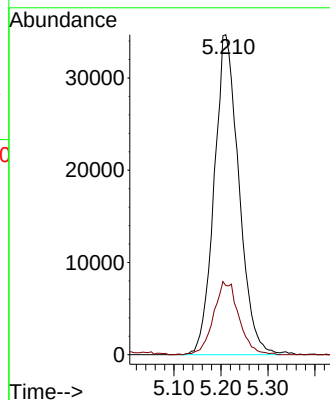
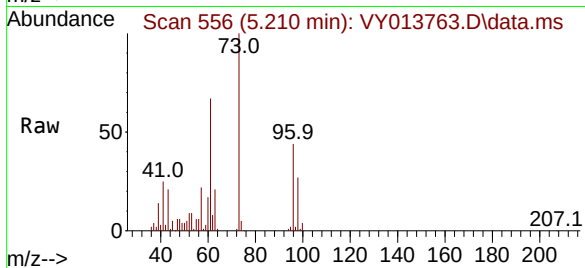
VY0516SBS02

Tgt Ion: 73 Resp: 126698

Ion Ratio Lower Upper

73 100

57 21.6 17.8 26.8



#20

Methylene Chloride

Concen: 22.039 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.012 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Tgt Ion: 84 Resp: 66016

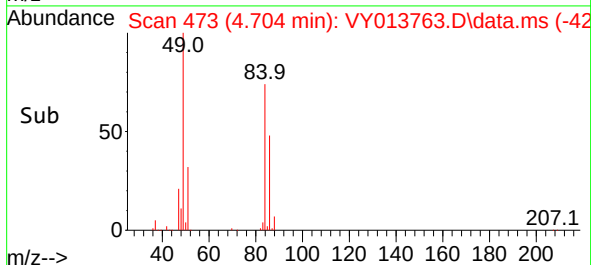
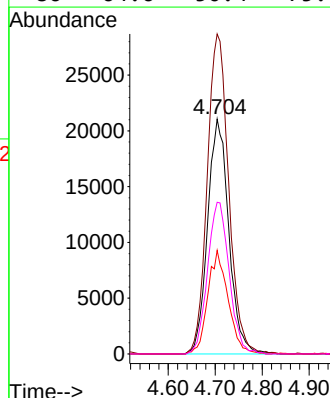
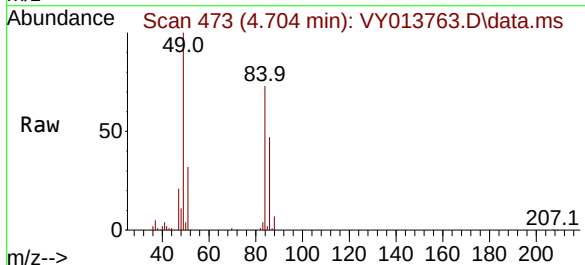
Ion Ratio Lower Upper

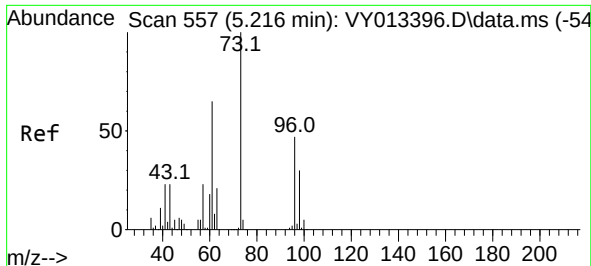
84 100

49 136.2 88.0 132.0#

51 44.1 27.4 41.0#

86 64.6 50.4 75.6

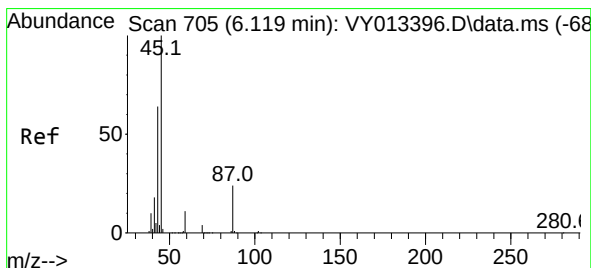
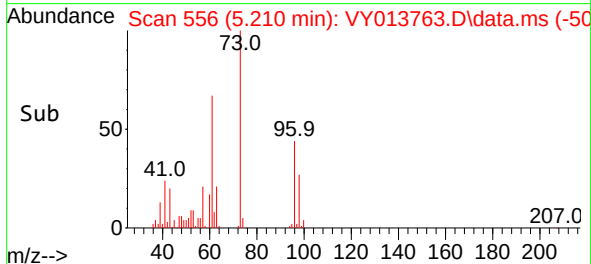
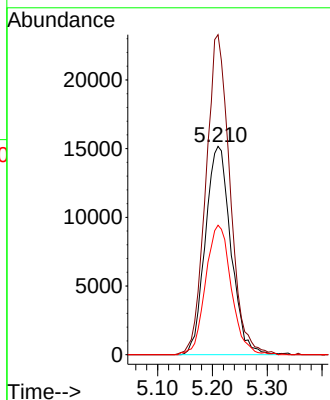
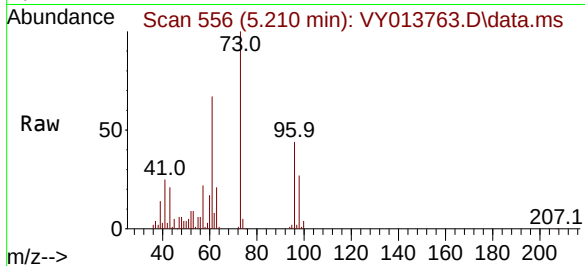




#21
trans-1,2-Dichloroethene
Concen: 23.507 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

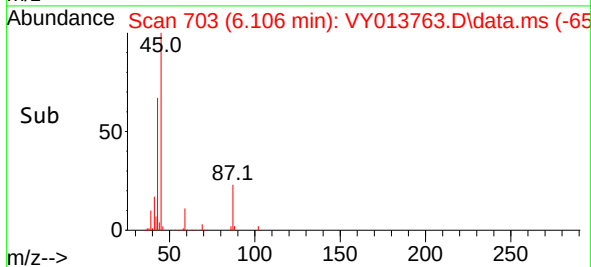
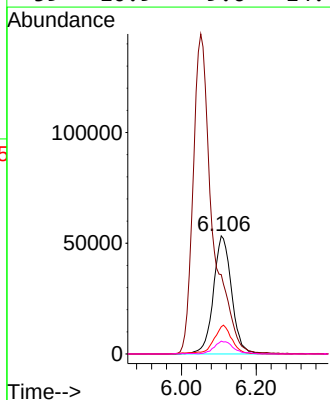
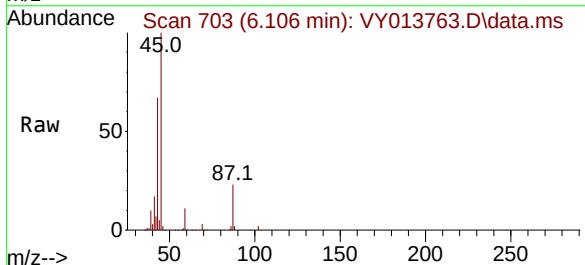
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

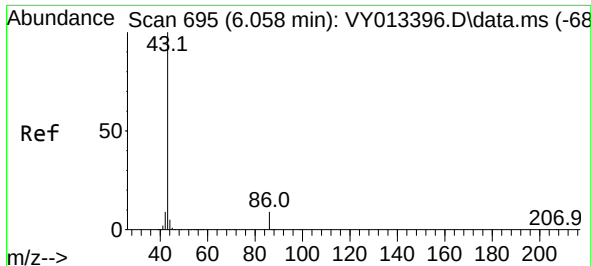
Tgt Ion: 96 Resp: 49087
Ion Ratio Lower Upper
96 100
61 153.6 110.6 165.8
98 62.1 53.1 79.7



#22
Diisopropyl ether
Concen: 25.988 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.012 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 45 Resp: 180005
Ion Ratio Lower Upper
45 100
43 66.6 48.4 72.6
87 23.1 23.8 35.6#
59 10.9 9.6 14.4

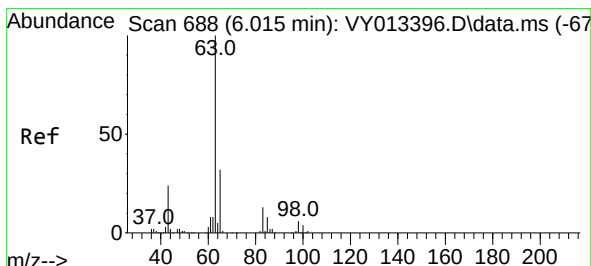
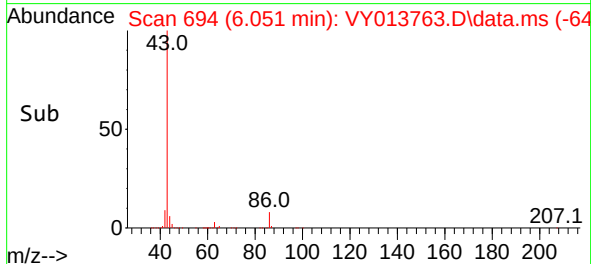
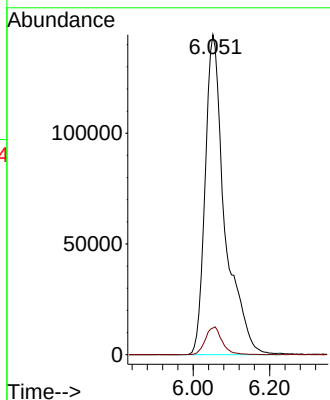
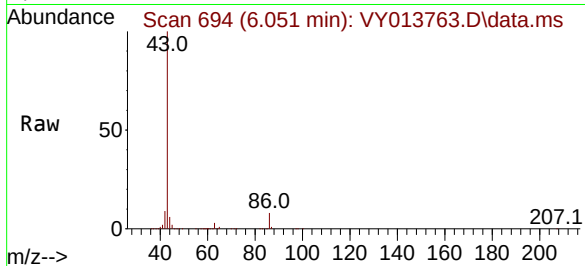




#23
 Vinyl Acetate
 Concen: 132.062 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY013763.D
 Acq: 16 May 2023 16:47

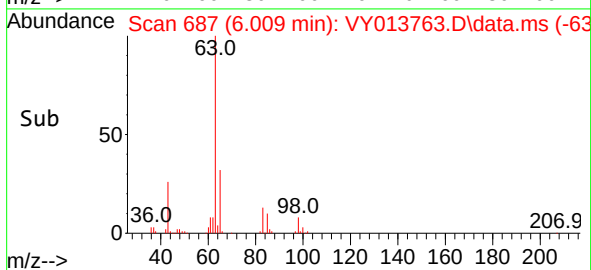
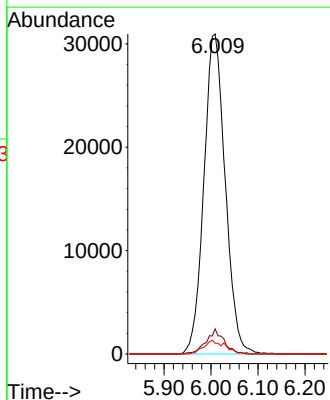
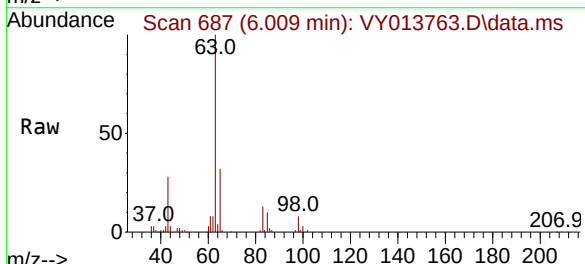
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS02

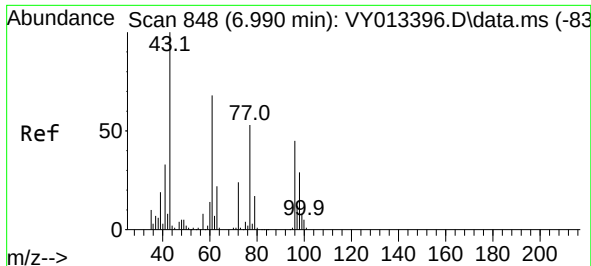
Tgt Ion: 43 Resp: 517919
 Ion Ratio Lower Upper
 43 100
 86 8.3 8.5 12.7#



#24
 1,1-Dichloroethane
 Concen: 25.265 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.006 min
 Lab File: VY013763.D
 Acq: 16 May 2023 16:47

Tgt Ion: 63 Resp: 97533
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.6
 100 3.4 2.2 6.6

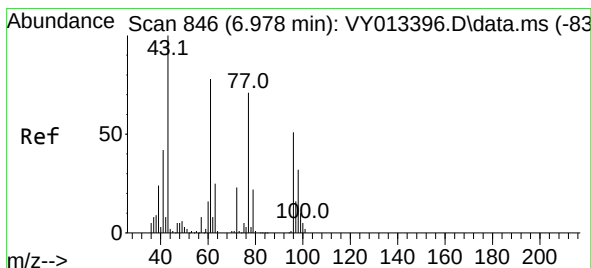
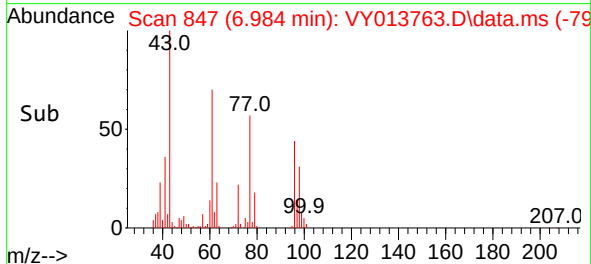
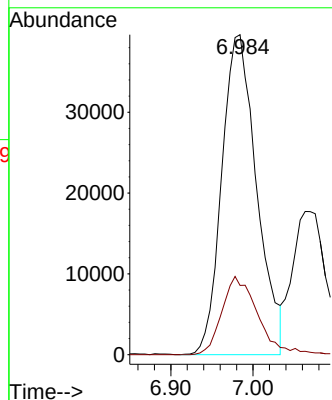
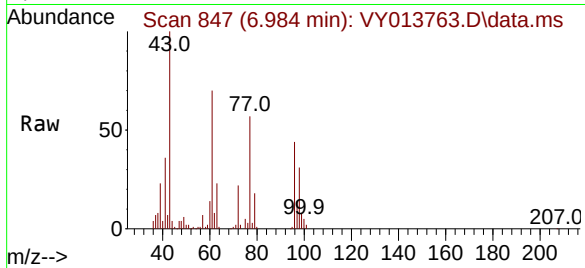




#25
2-Butanone
Concen: 116.224 ug/l
RT: 6.984 min Scan# 84
Delta R.T. 0.000 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

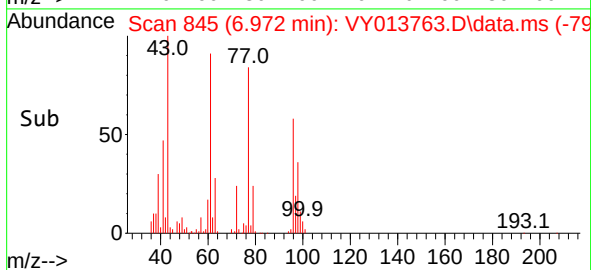
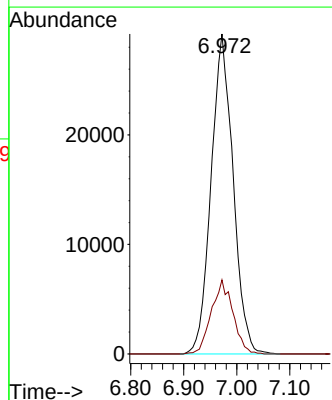
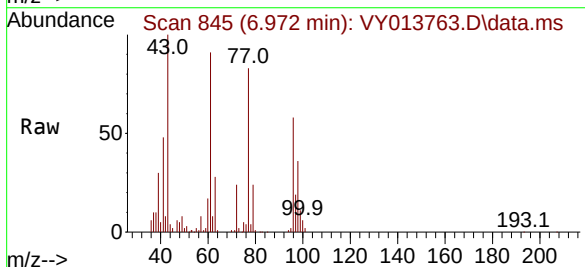
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

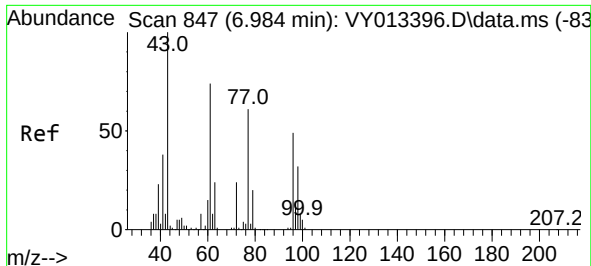
Tgt Ion: 43 Resp: 116935
Ion Ratio Lower Upper
43 100
72 21.7 21.9 32.9#



#26
2,2-Dichloropropane
Concen: 25.282 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 77 Resp: 84100
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 24.651 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS02

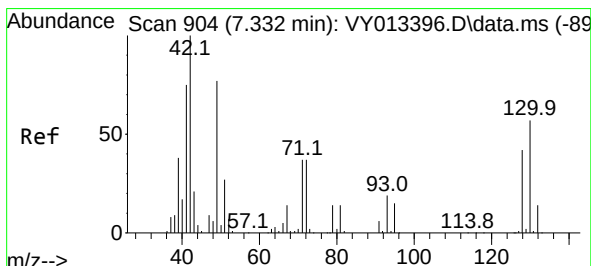
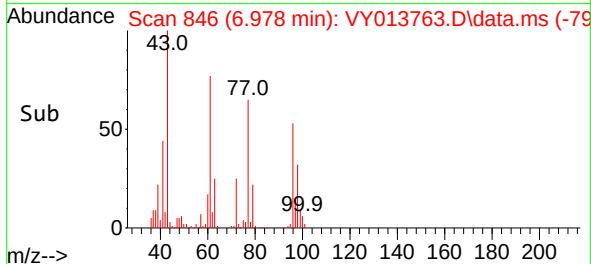
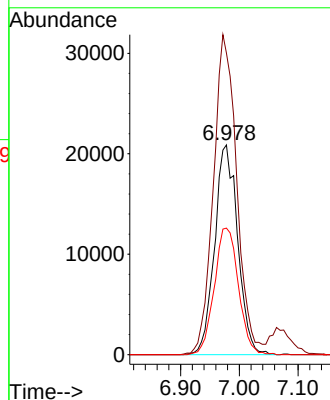
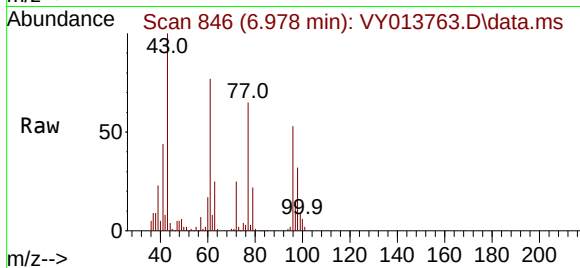
Tgt Ion: 96 Resp: 56875

Ion Ratio Lower Upper

96 100

61 154.8 0.0 285.0

98 63.3 0.0 130.6



#28

Bromochloromethane

Concen: 26.602 ug/l

RT: 7.326 min Scan# 903

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

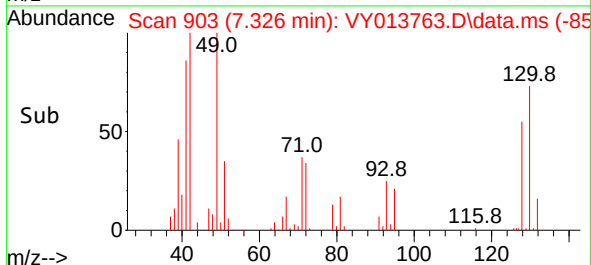
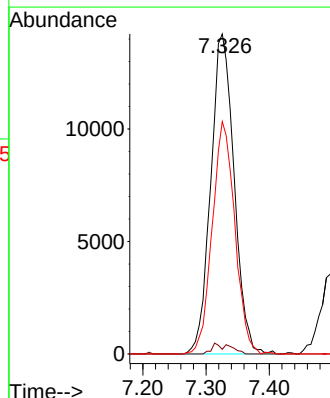
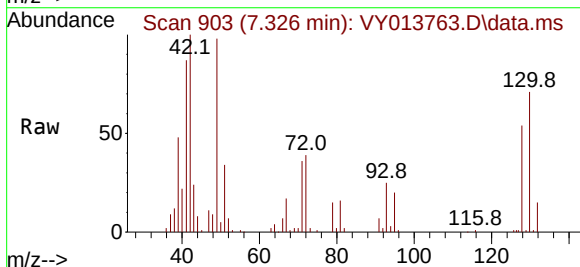
Tgt Ion: 49 Resp: 36442

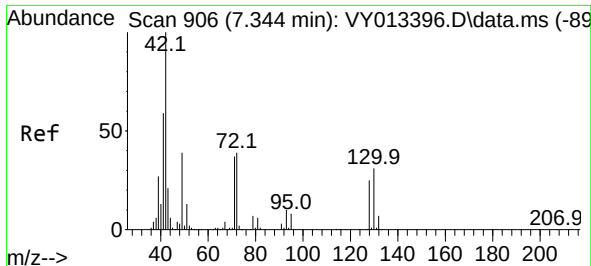
Ion Ratio Lower Upper

49 100

129 1.3 0.0 5.2

130 70.4 72.1 108.1#





#29

Tetrahydrofuran

Concen: 112.796 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS02

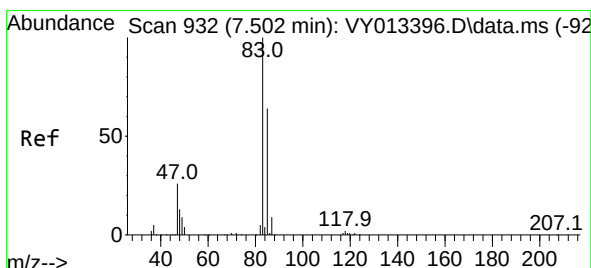
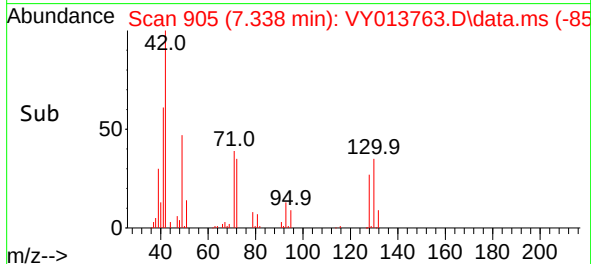
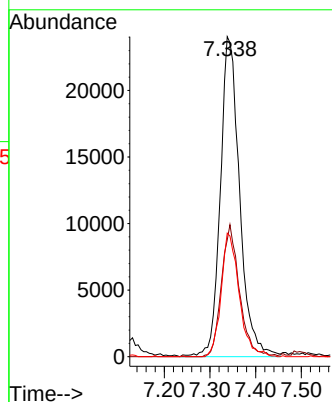
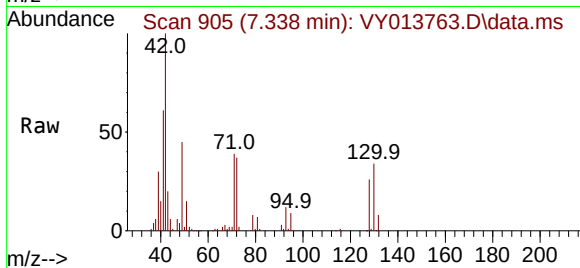
Tgt Ion: 42 Resp: 70643

Ion Ratio Lower Upper

42 100

72 38.5 35.9 53.9

71 36.1 34.3 51.5



#30

Chloroform

Concen: 25.419 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY013763.D

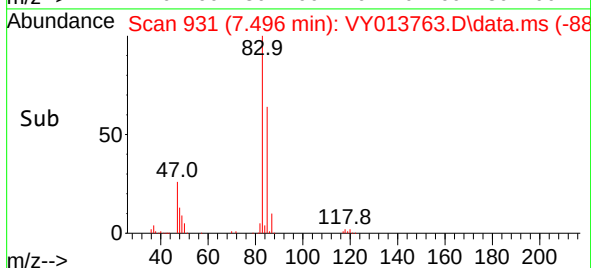
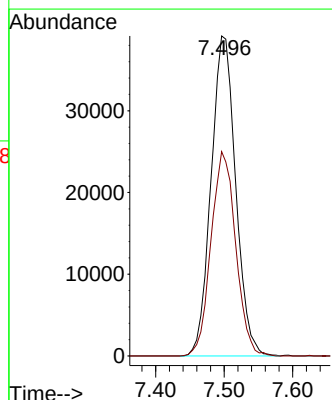
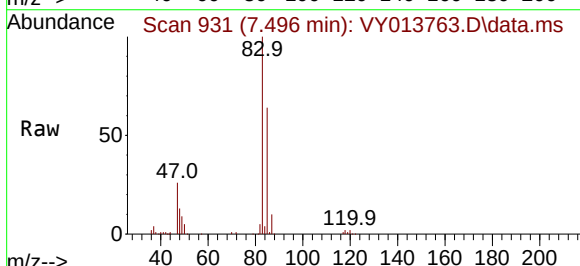
Acq: 16 May 2023 16:47

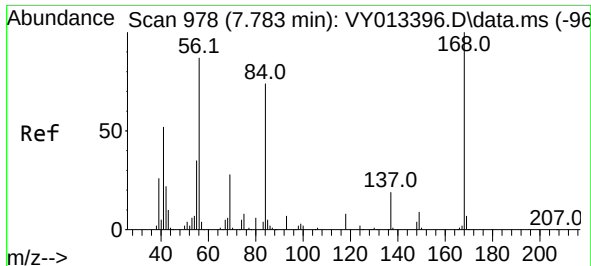
Tgt Ion: 83 Resp: 97562

Ion Ratio Lower Upper

83 100

85 63.9 52.0 78.0

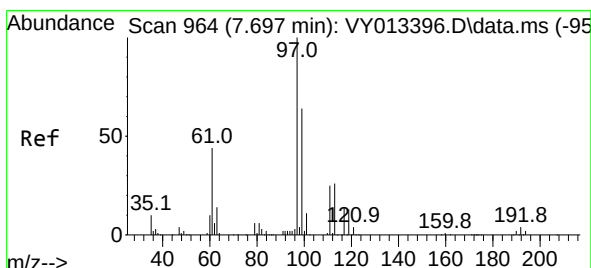
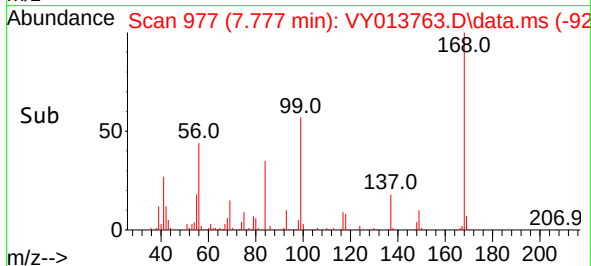
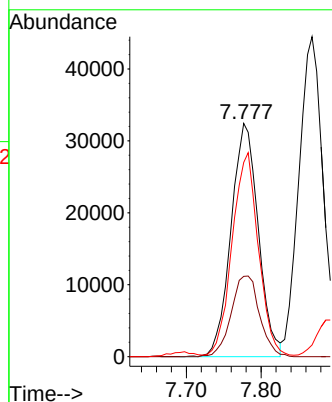
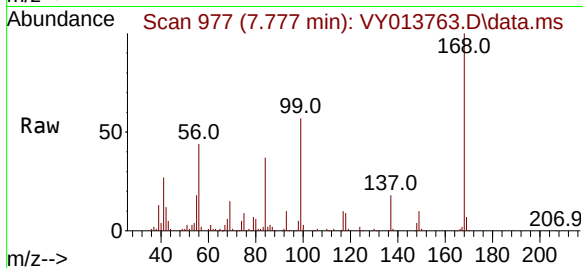




#31
Cyclohexane
Concen: 22.852 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

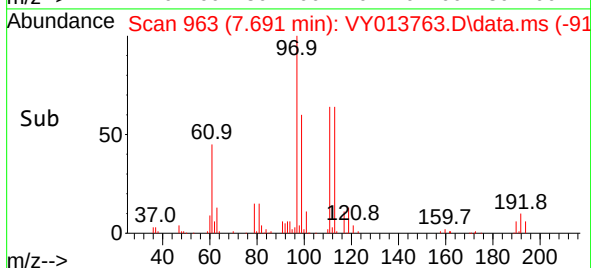
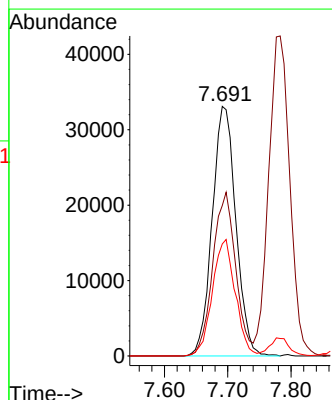
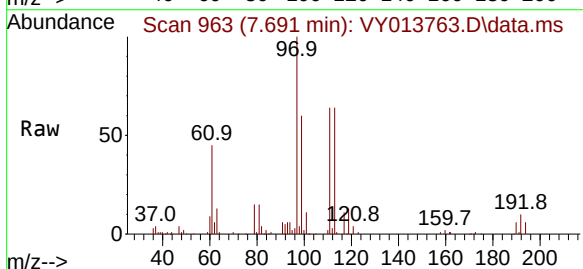
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD02

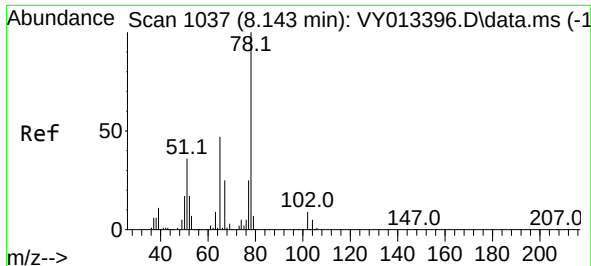
Tgt Ion: 56 Resp: 82421
Ion Ratio Lower Upper
56 100
69 34.4 29.2 43.8
84 81.5 73.0 109.6



#32
1,1,1-Trichloroethane
Concen: 25.082 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 97 Resp: 85906
Ion Ratio Lower Upper
97 100
99 63.8 52.2 78.2
61 45.3 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 55.633 ug/l

RT: 8.136 min Scan# 110

Delta R.T. 0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

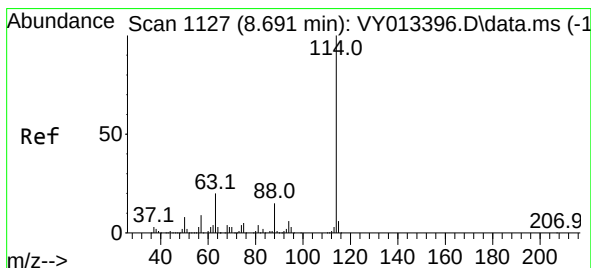
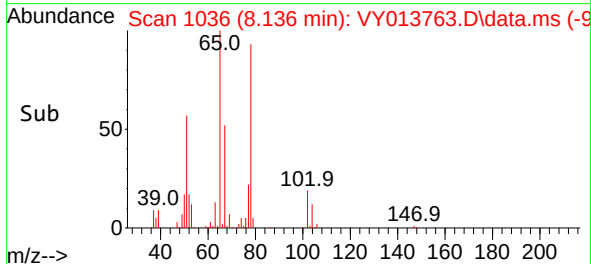
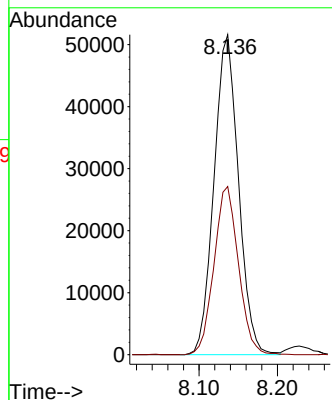
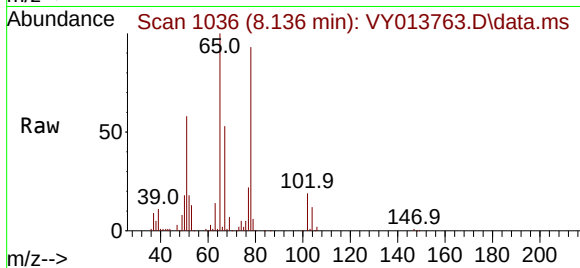
VY0516SBS02

Tgt Ion: 65 Resp: 112072

Ion Ratio Lower Upper

65 100

67 52.5 0.0 103.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

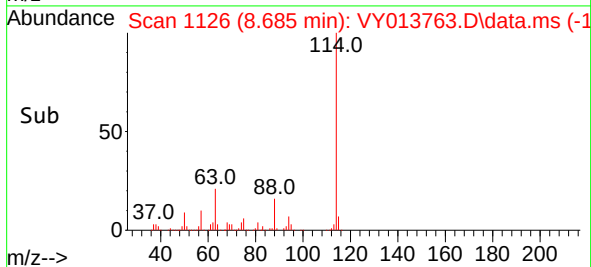
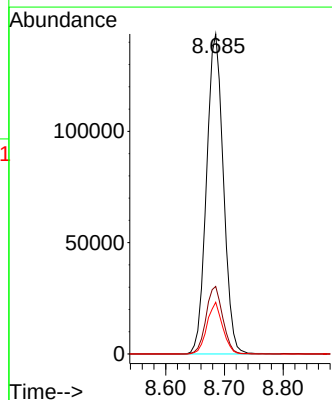
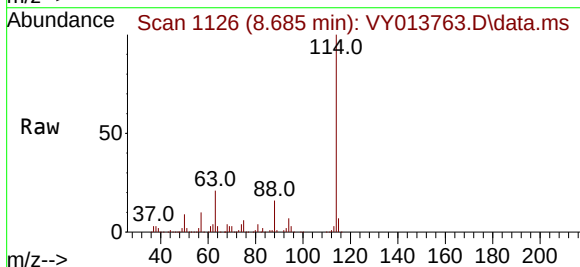
Tgt Ion: 114 Resp: 286364

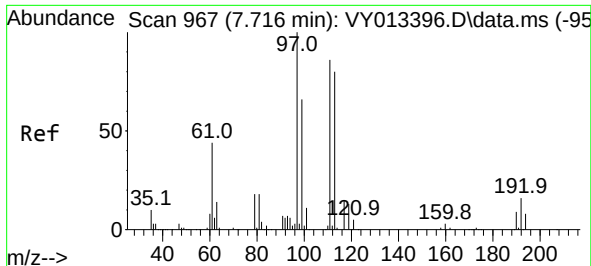
Ion Ratio Lower Upper

114 100

63 21.1 0.0 36.6

88 16.1 0.0 28.8





#35

Dibromofluoromethane

Concen: 57.808 ug/l

RT: 7.710 min Scan# 9

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS02

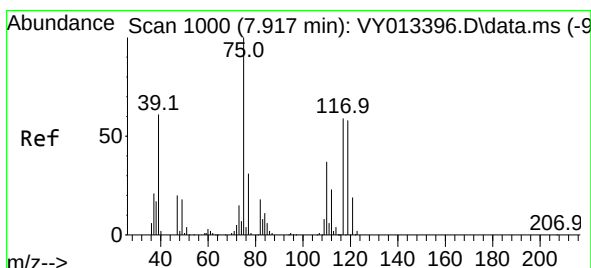
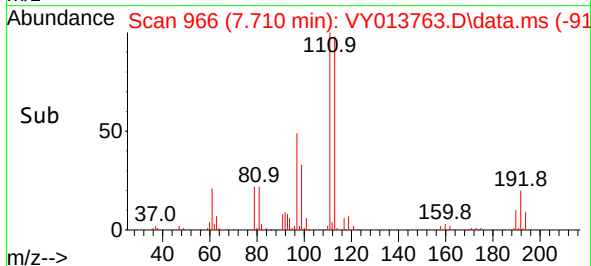
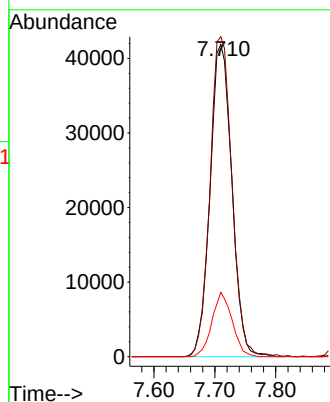
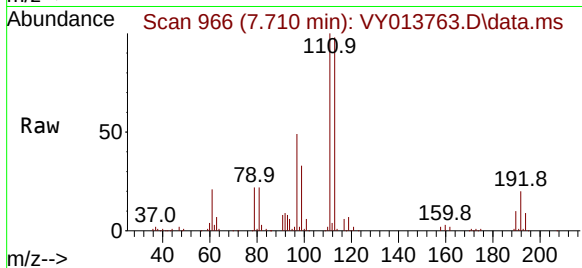
Tgt Ion:113 Resp: 104118

Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 19.1 16.7 25.1



#36

1,1-Dichloropropene

Concen: 24.005 ug/l

RT: 7.911 min Scan# 999

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

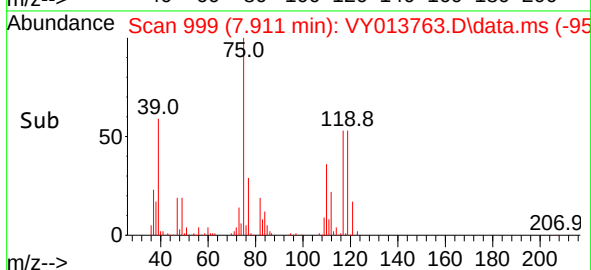
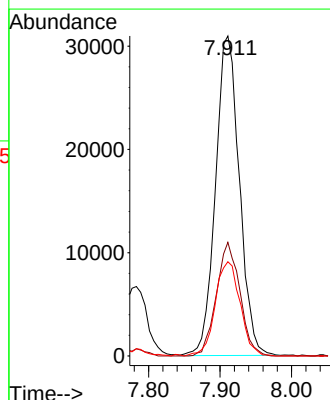
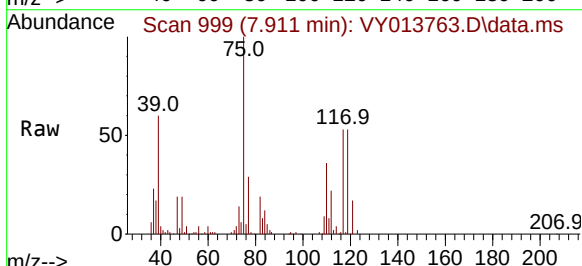
Tgt Ion: 75 Resp: 71756

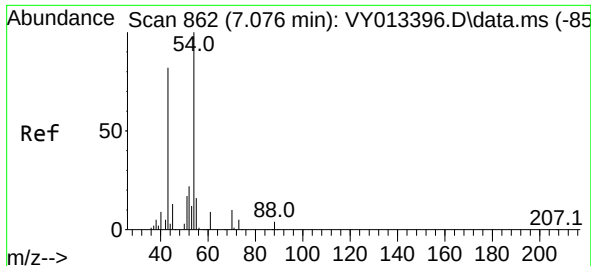
Ion Ratio Lower Upper

75 100

110 35.0 18.7 56.1

77 30.8 24.6 37.0

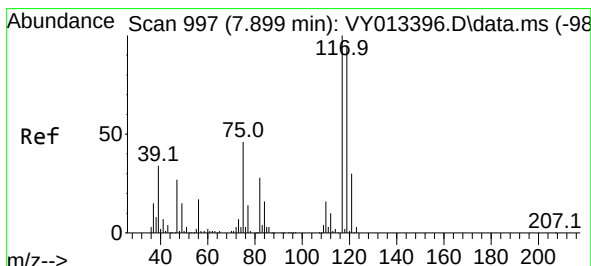
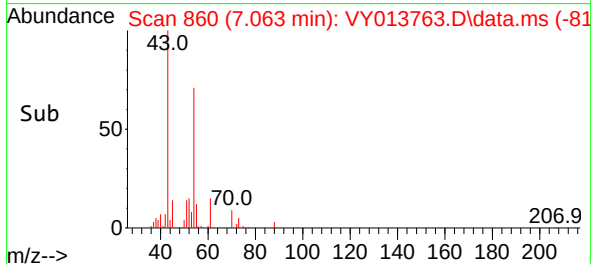
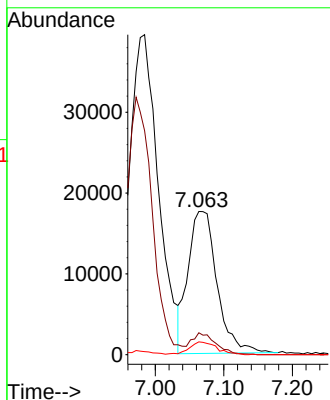
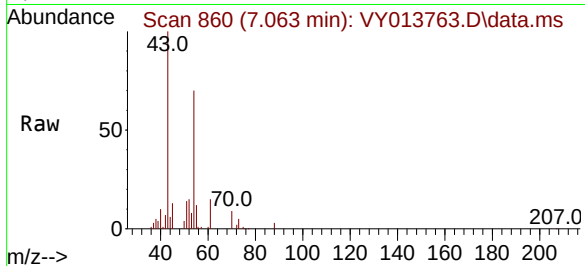




#37
Ethyl Acetate
Concen: 23.068 ug/l
RT: 7.063 min Scan# 80
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

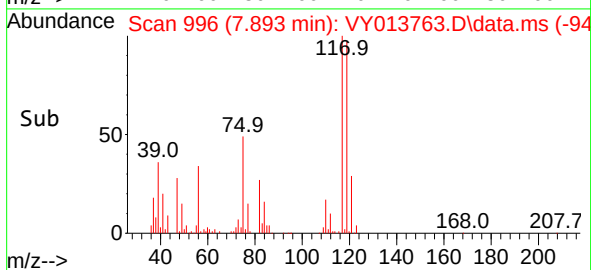
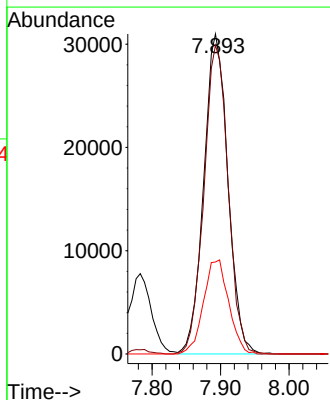
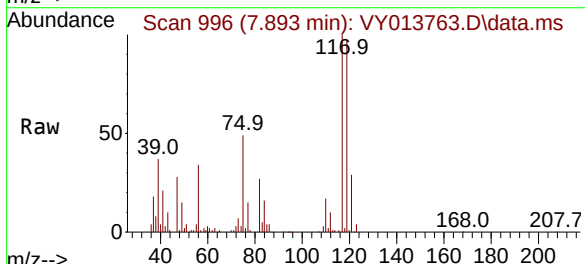
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

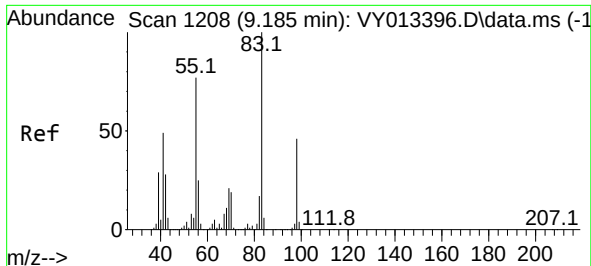
Tgt Ion: 43 Resp: 51890
Ion Ratio Lower Upper
43 100
61 12.5 11.4 17.0
70 8.5 7.9 11.9



#38
Carbon Tetrachloride
Concen: 24.266 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 117 Resp: 76026
Ion Ratio Lower Upper
117 100
119 96.5 79.0 118.6
121 28.8 26.6 40.0





#39

Methylcyclohexane

Concen: 22.605 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD02

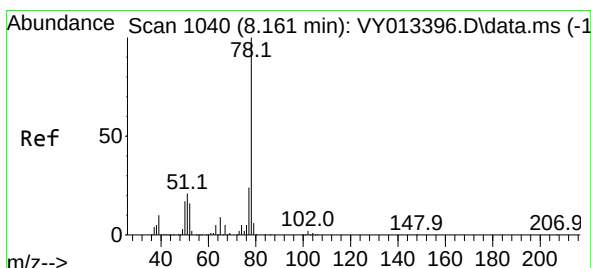
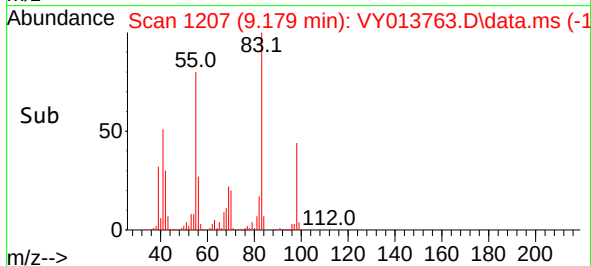
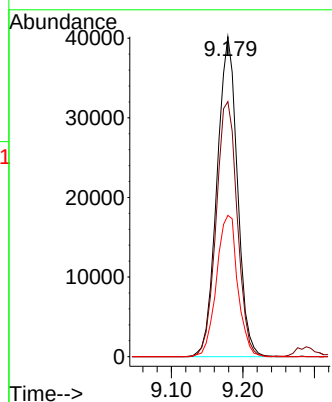
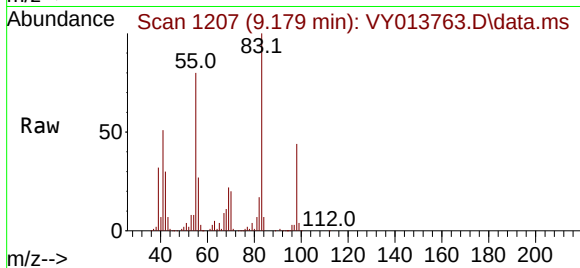
Tgt Ion: 83 Resp: 79658

Ion Ratio Lower Upper

83 100

55 79.7 59.0 88.4

98 44.1 37.0 55.4



#40

Benzene

Concen: 24.504 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY013763.D

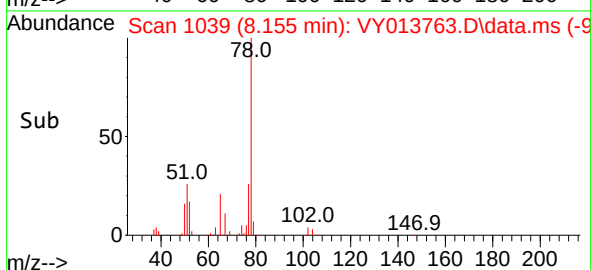
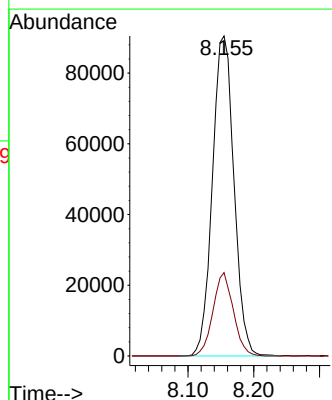
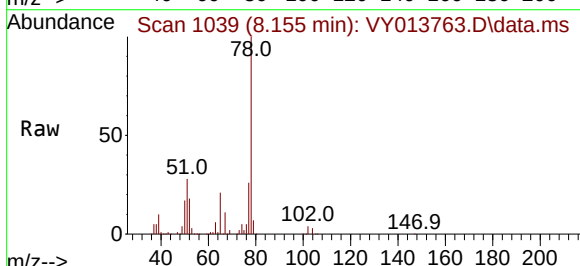
Acq: 16 May 2023 16:47

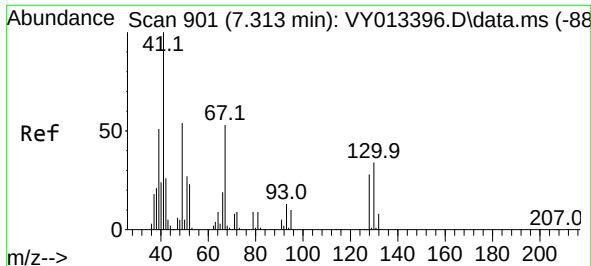
Tgt Ion: 78 Resp: 206330

Ion Ratio Lower Upper

78 100

77 26.0 19.2 28.8

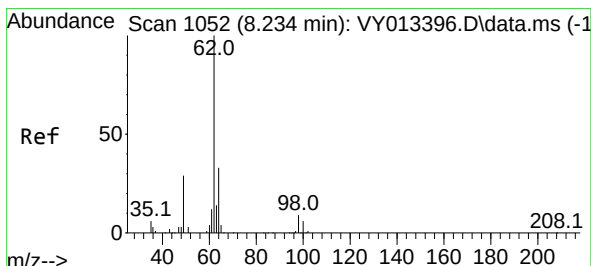
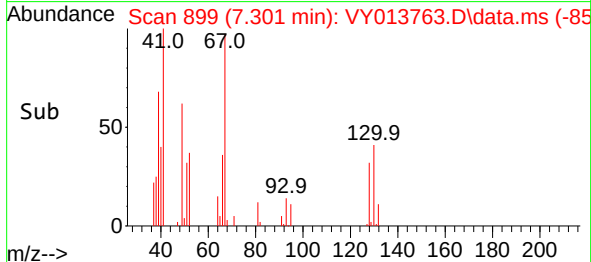
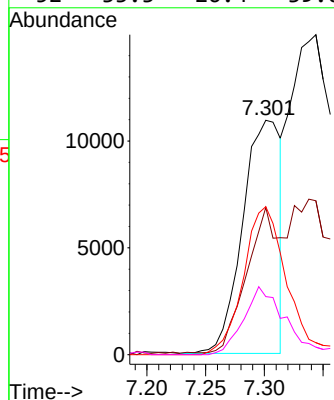
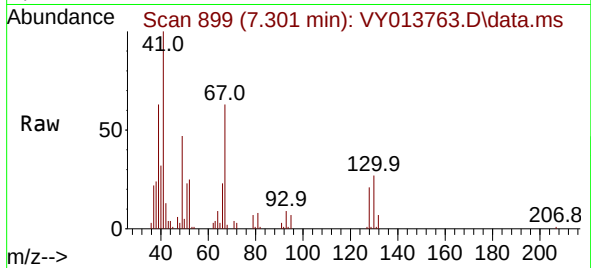




#41
Methacrylonitrile
Concen: 23.361 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

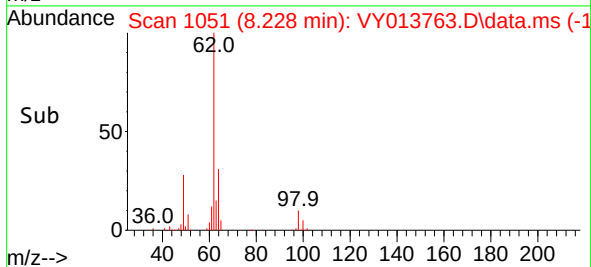
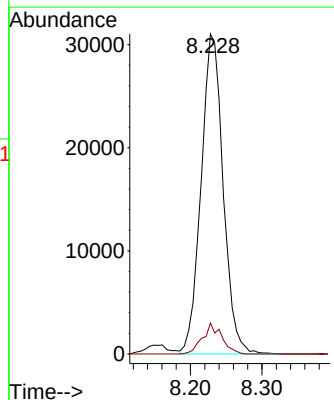
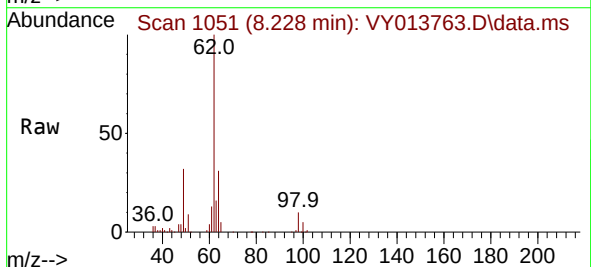
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

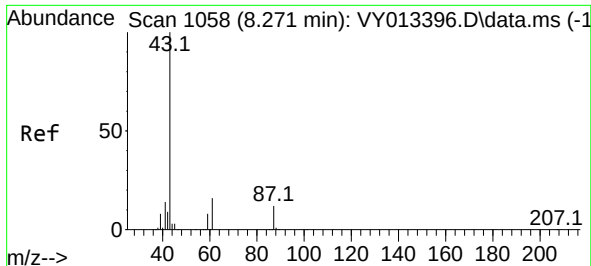
Tgt Ion:	41	Resp:	24488
Ion Ratio	Lower	Upper	
41	100		
39	60.5	44.2	66.4
67	72.3	62.9	94.3
52	33.3	26.4	39.6



#42
1,2-Dichloroethane
Concen: 24.175 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion:	62	Resp:	66549
Ion Ratio	Lower	Upper	
62	100		
98	8.3	0.0	17.8

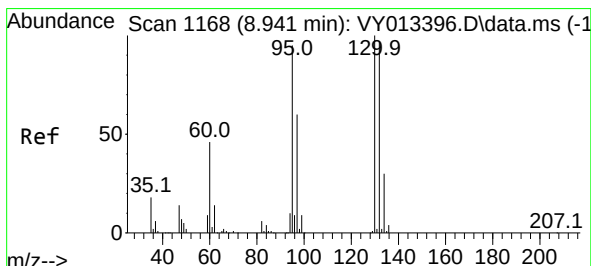
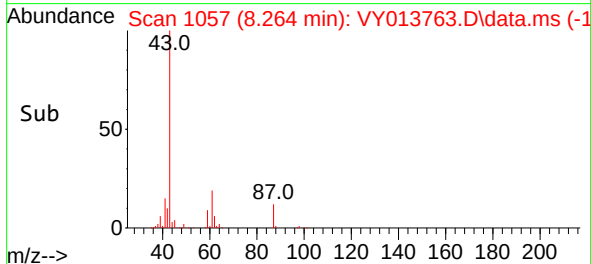
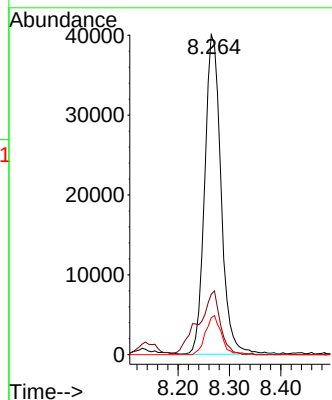
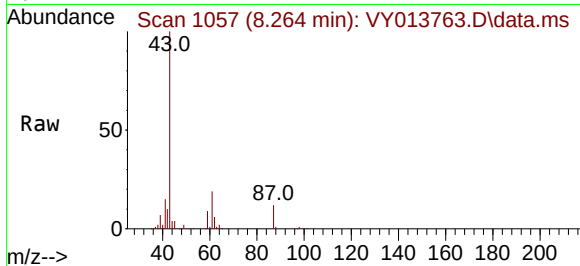




#43
Isopropyl Acetate
Concen: 23.253 ug/l
RT: 8.264 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

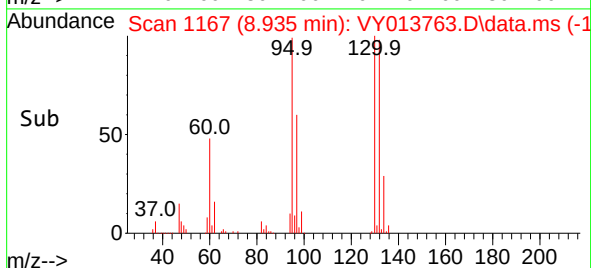
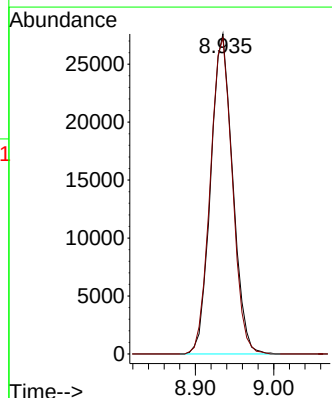
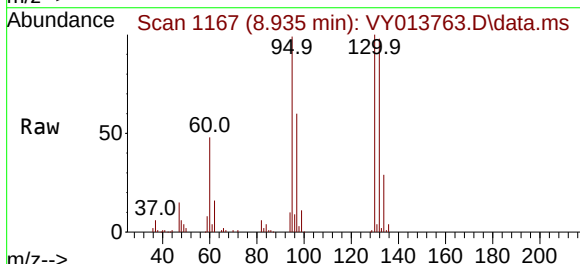
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

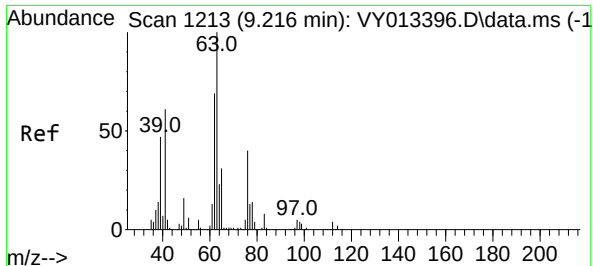
Tgt Ion: 43	Resp: 88289
Ion Ratio	Lower Upper
43 100	
61 26.4	22.2 33.4
87 11.9	11.0 16.6



#44
Trichloroethene
Concen: 24.023 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion:130	Resp: 53805
Ion Ratio	Lower Upper
130 100	
95 98.8	0.0 188.8





#45

1,2-Dichloropropane

Concen: 25.324 ug/l

RT: 9.209 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

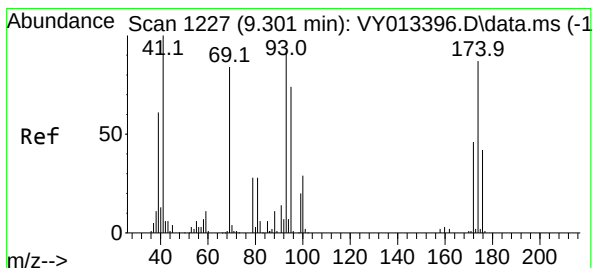
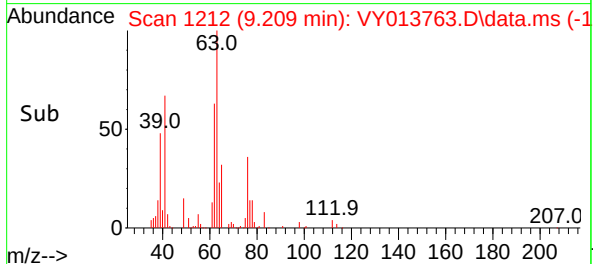
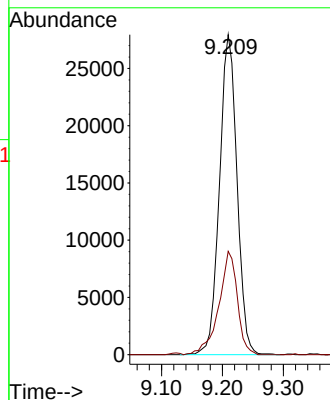
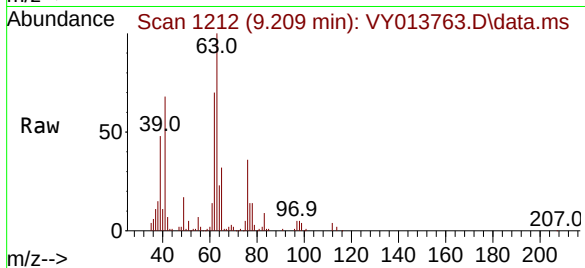
VY0516SBS02

Tgt Ion: 63 Resp: 55752

Ion Ratio Lower Upper

63 100

65 32.3 24.6 37.0



#46

Dibromomethane

Concen: 23.830 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.012 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

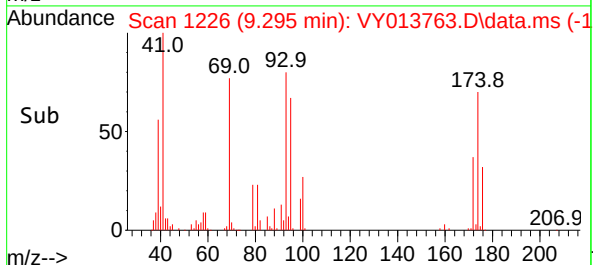
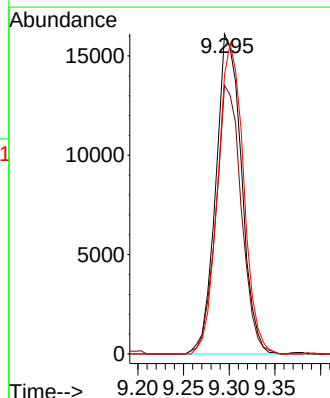
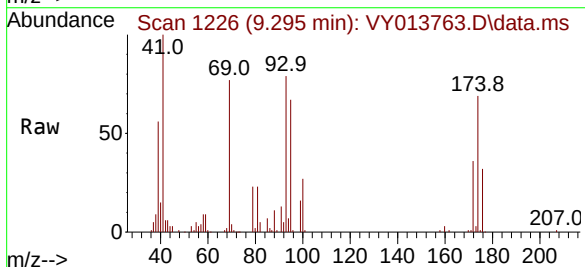
Tgt Ion: 93 Resp: 31391

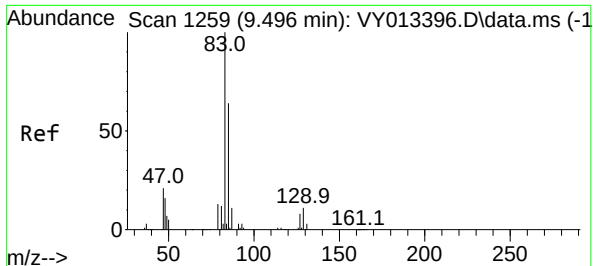
Ion Ratio Lower Upper

93 100

95 83.5 67.1 100.7

174 97.8 87.0 130.4





#47

Bromodichloromethane

Concen: 25.339 ug/l

RT: 9.490 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS02

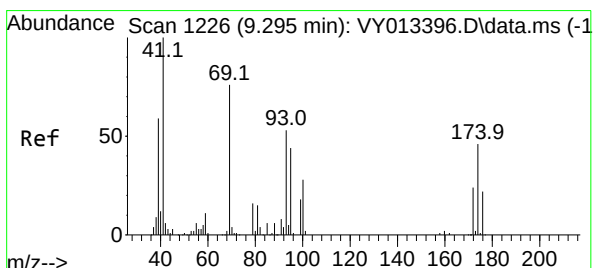
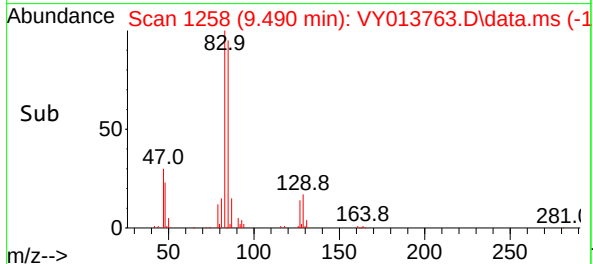
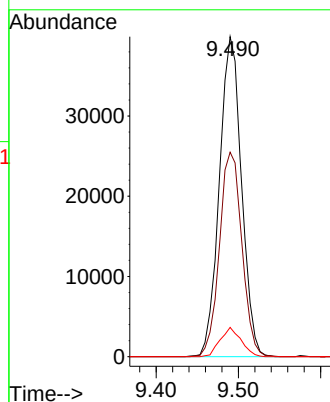
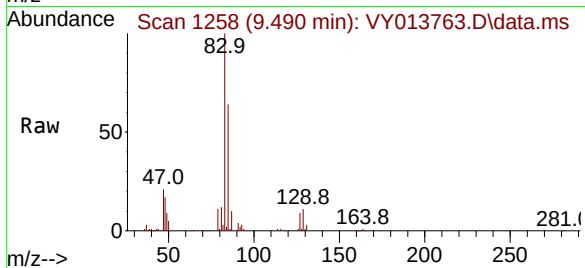
Tgt Ion: 83 Resp: 74689

Ion Ratio Lower Upper

83 100

85 63.9 51.4 77.2

127 9.2 8.1 12.1



#48

Methyl methacrylate

Concen: 24.096 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

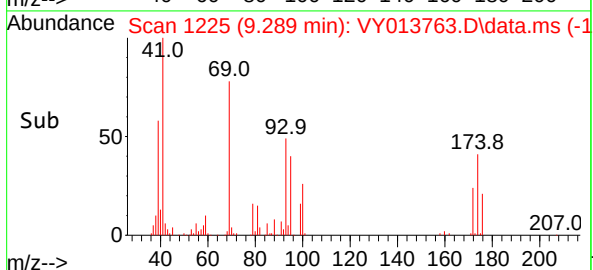
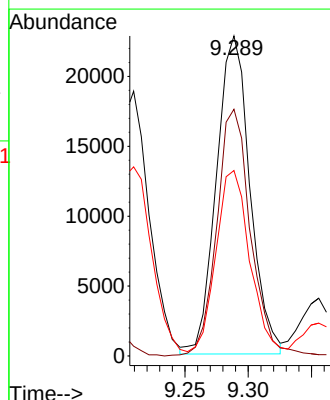
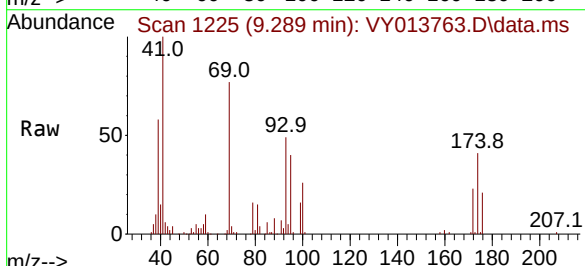
Tgt Ion: 41 Resp: 42017

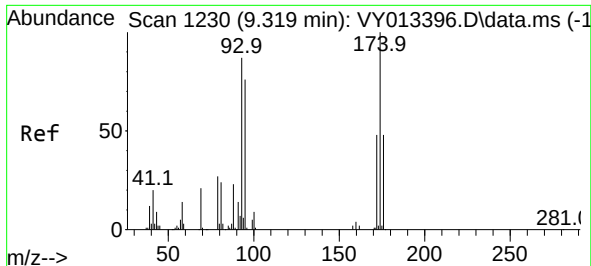
Ion Ratio Lower Upper

41 100

69 78.2 70.2 105.4

39 56.9 47.9 71.9





#49

1,4-Dioxane

Concen: 446.168 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD02

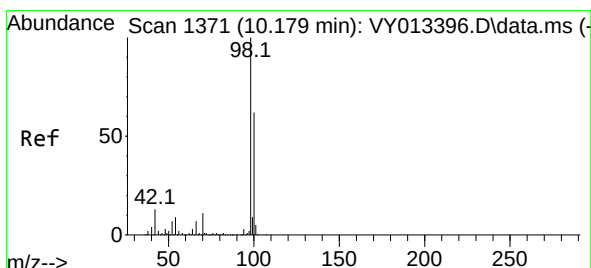
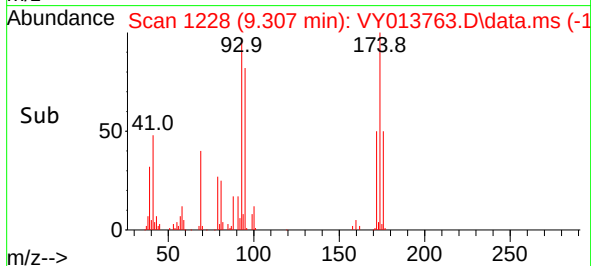
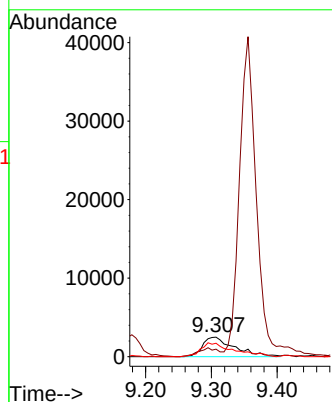
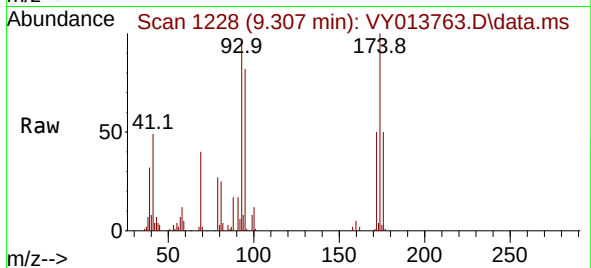
Tgt Ion: 88 Resp: 8394

Ion Ratio Lower Upper

88 100

43 29.5 16.8 25.2#

58 72.3 54.3 81.5



#50

Toluene-d8

Concen: 53.821 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY013763.D

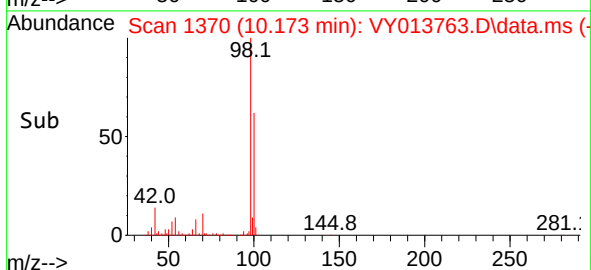
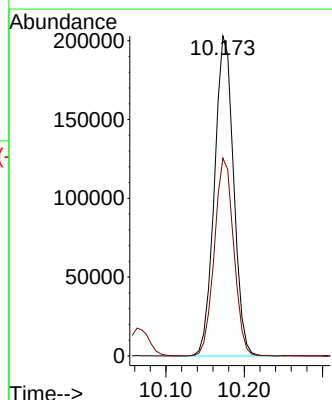
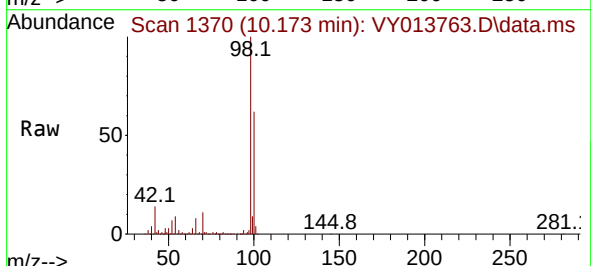
Acq: 16 May 2023 16:47

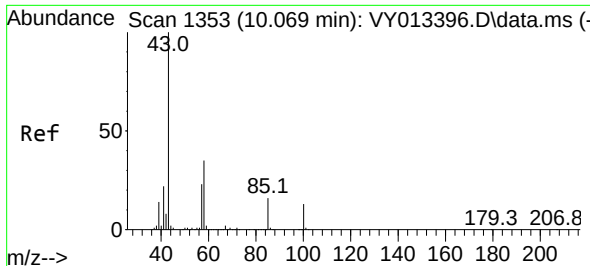
Tgt Ion: 98 Resp: 344843

Ion Ratio Lower Upper

98 100

100 62.5 50.5 75.7

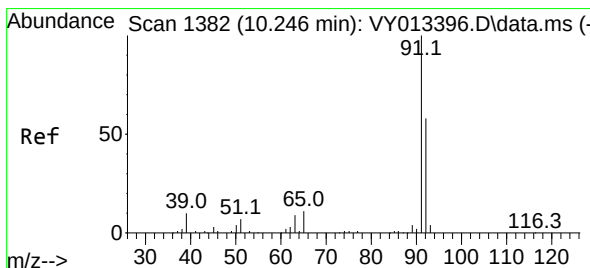
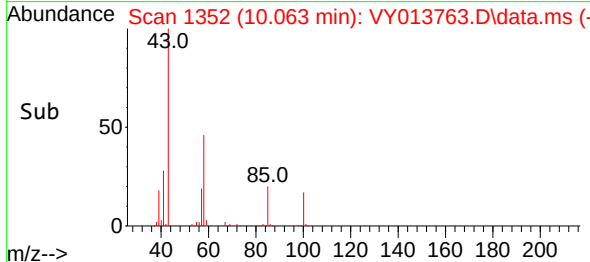
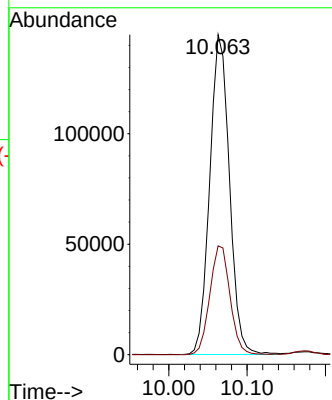
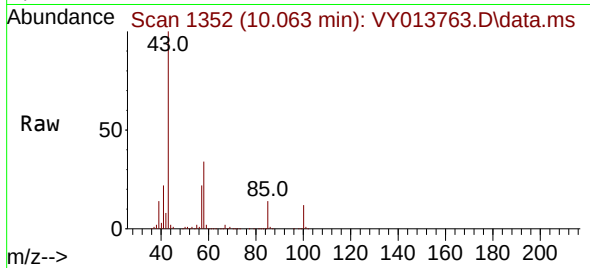




#51
4-Methyl-2-Pentanone
Concen: 119.517 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

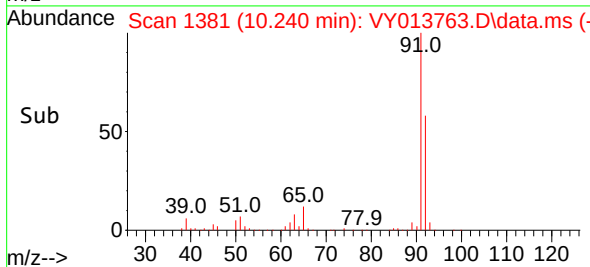
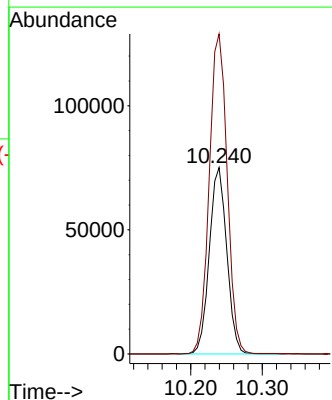
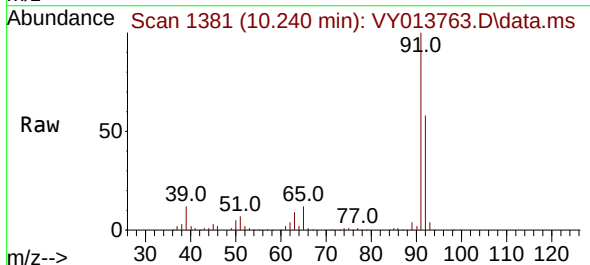
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

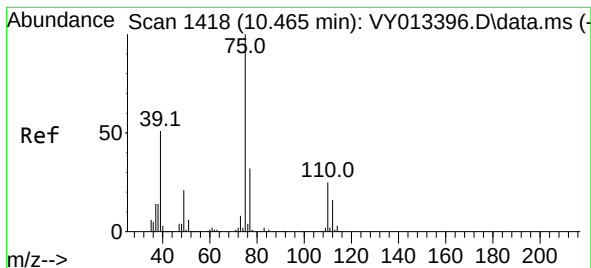
Tgt Ion: 43 Resp: 252871
Ion Ratio Lower Upper
43 100
58 34.9 30.6 46.0



#52
Toluene
Concen: 25.137 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 92 Resp: 127367
Ion Ratio Lower Upper
92 100
91 176.5 140.2 210.4

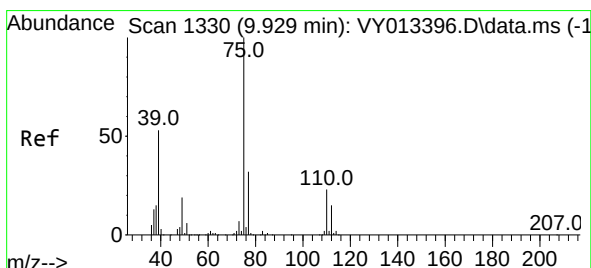
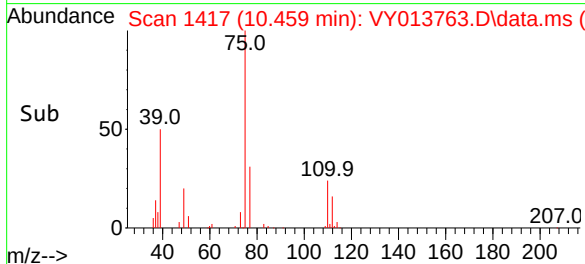
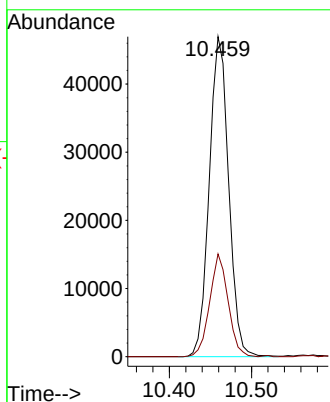
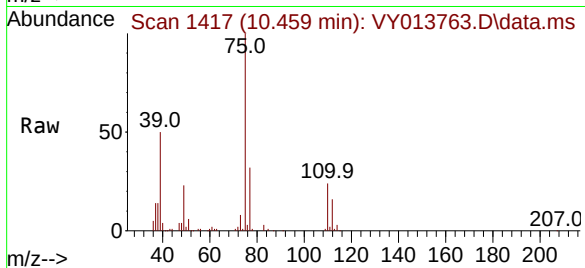




#53
t-1,3-Dichloropropene
Concen: 24.672 ug/l
RT: 10.459 min Scan# 1418
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

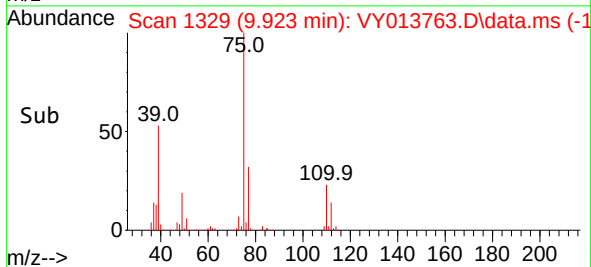
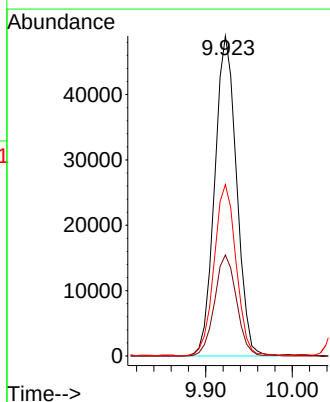
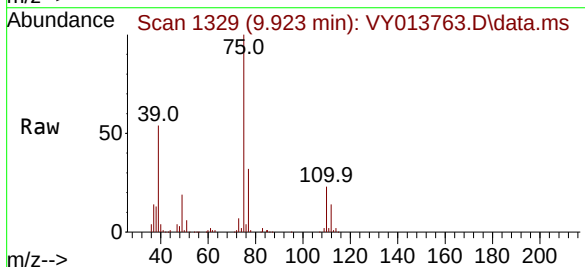
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

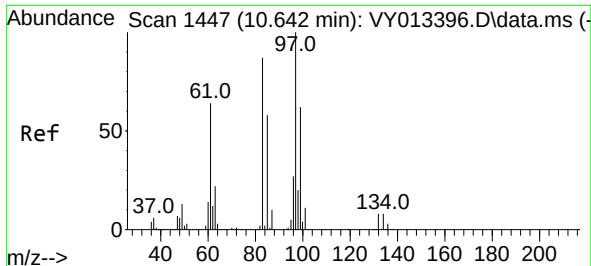
Tgt Ion: 75 Resp: 76965
Ion Ratio Lower Upper
75 100
77 32.1 25.8 38.8



#54
cis-1,3-Dichloropropene
Concen: 24.433 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 75 Resp: 85765
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 53.6 38.1 57.1

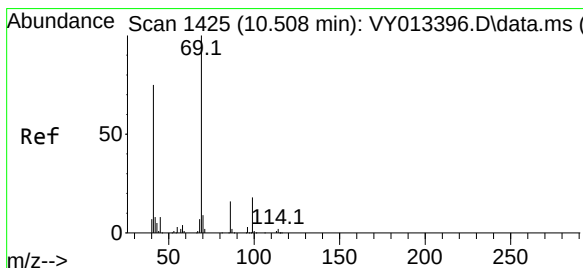
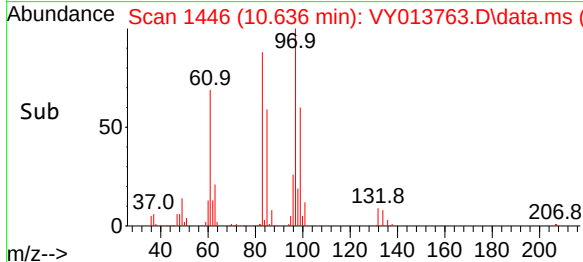
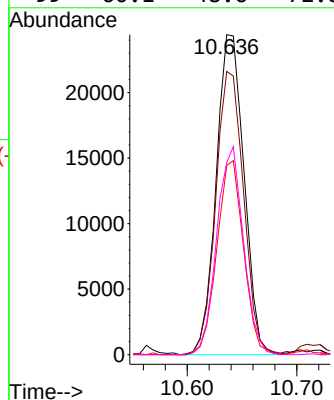
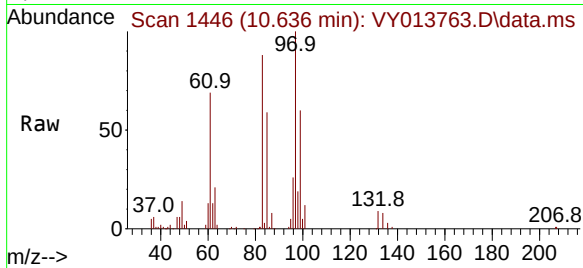




#55
1,1,2-Trichloroethane
Concen: 24.736 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

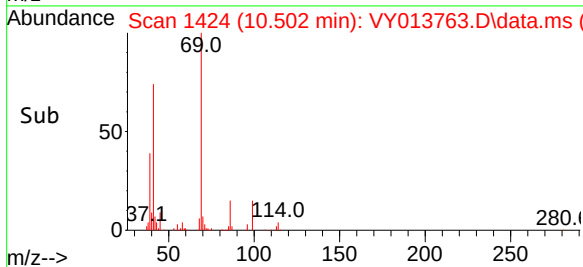
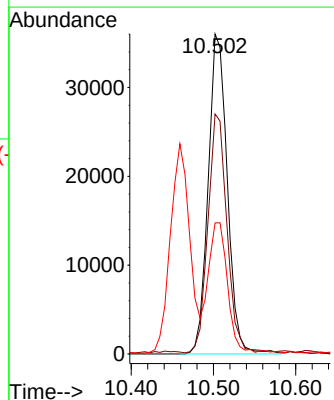
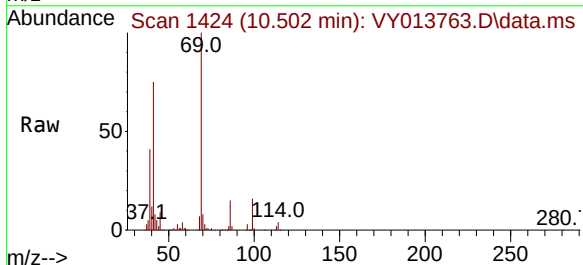
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

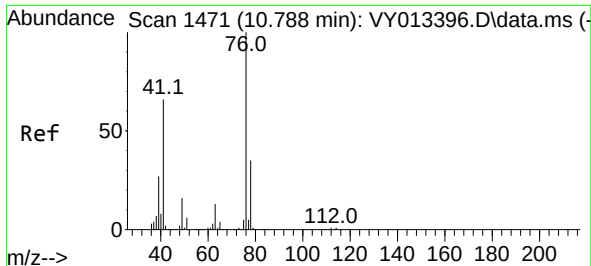
Tgt Ion: 97	Resp: 43151
Ion Ratio	Lower Upper
97 100	
83 88.5	66.4 99.6
85 59.1	45.6 68.4
99 60.1	48.6 72.8



#56
Ethyl methacrylate
Concen: 24.073 ug/l
RT: 10.502 min Scan# 1424
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 69	Resp: 58262
Ion Ratio	Lower Upper
69 100	
41 74.2	51.4 77.0
39 41.2	29.0 43.6





#57

1,3-Dichloropropane

Concen: 25.245 ug/l

RT: 10.782 min Scan# 1471

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

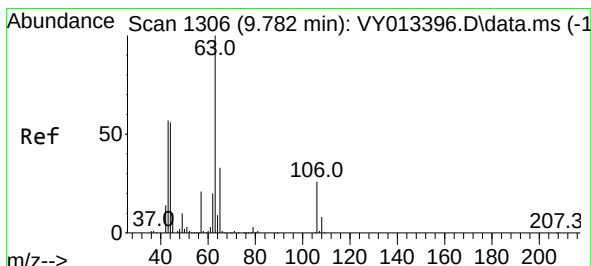
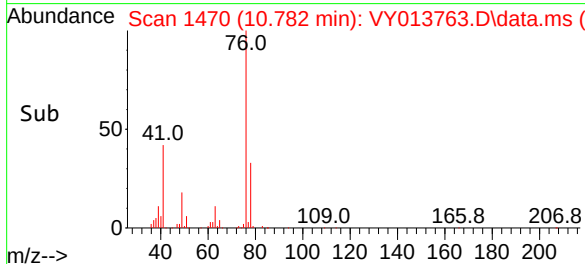
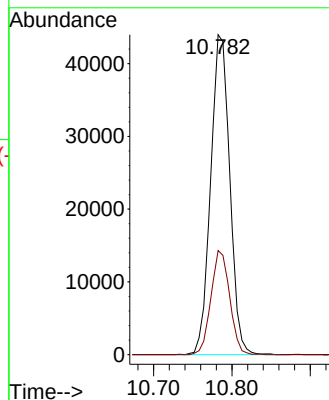
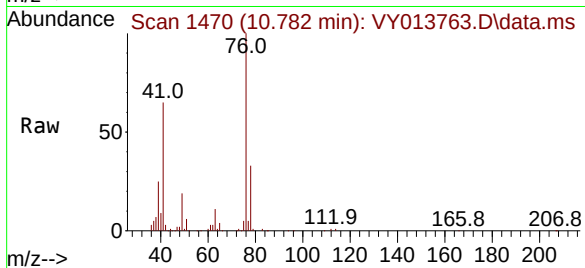
VY0516SBSD02

Tgt Ion: 76 Resp: 74585

Ion Ratio Lower Upper

76 100

78 31.9 26.5 39.7



#58

2-Chloroethyl Vinyl ether

Concen: 128.423 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY013763.D

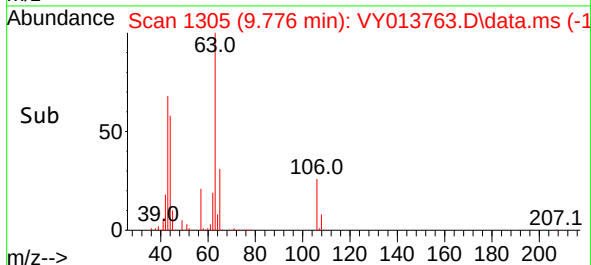
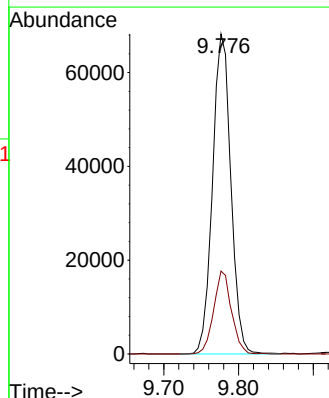
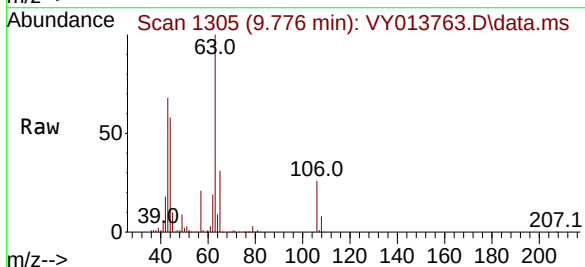
Acq: 16 May 2023 16:47

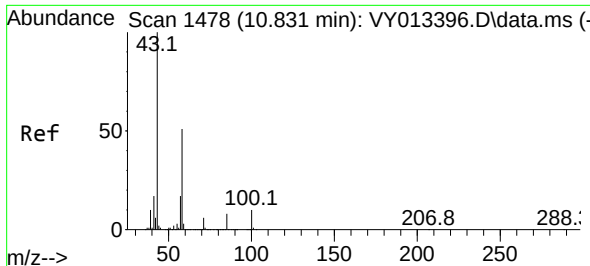
Tgt Ion: 63 Resp: 116548

Ion Ratio Lower Upper

63 100

106 25.1 23.5 35.3

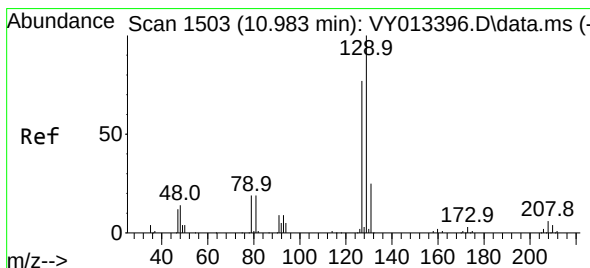
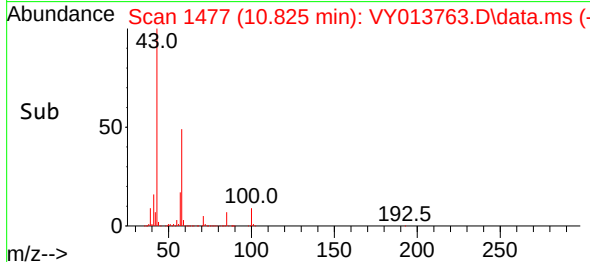
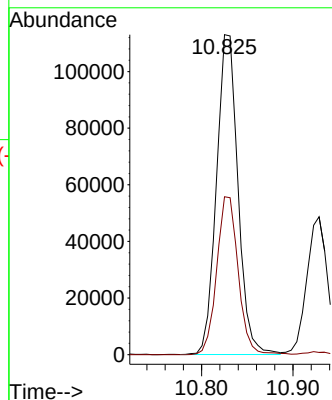
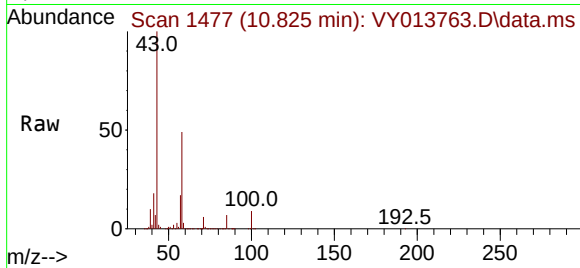




#59
2-Hexanone
Concen: 120.138 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

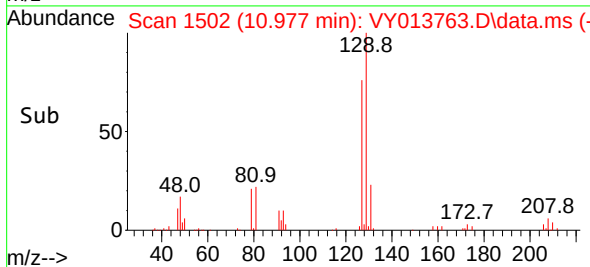
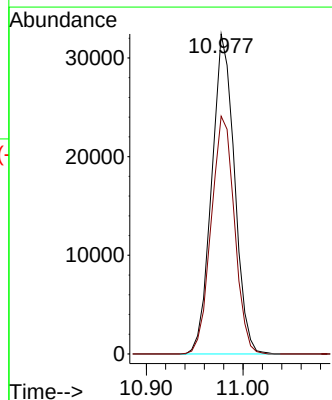
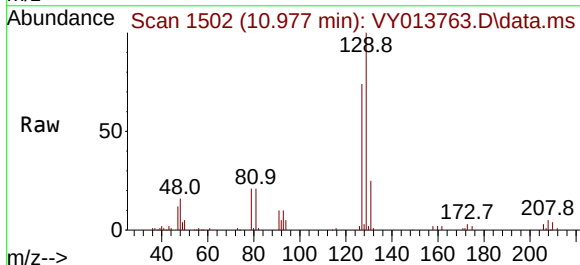
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

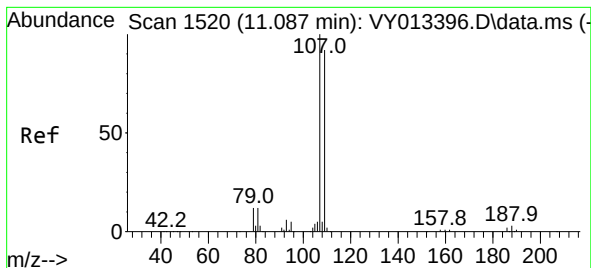
Tgt Ion: 43 Resp: 184772
Ion Ratio Lower Upper
43 100
58 49.4 26.3 78.8



#60
Dibromochloromethane
Concen: 24.971 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion:129 Resp: 52893
Ion Ratio Lower Upper
129 100
127 75.9 38.7 116.1

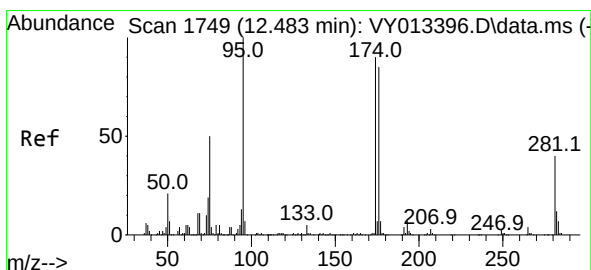
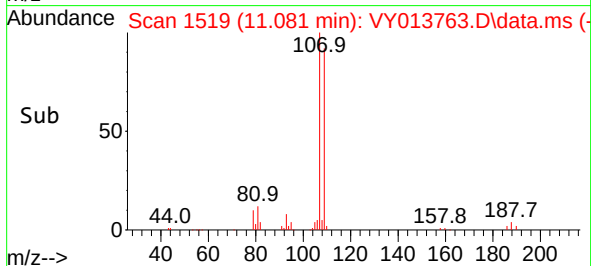
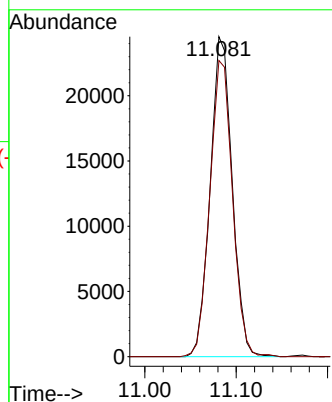
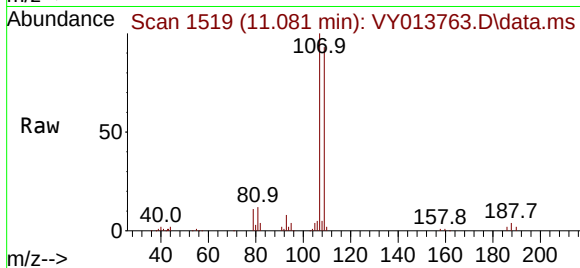




#61
1,2-Dibromoethane
Concen: 23.907 ug/l
RT: 11.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

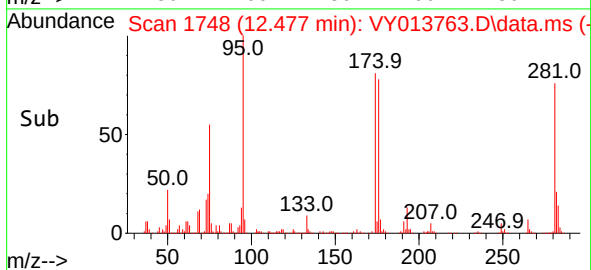
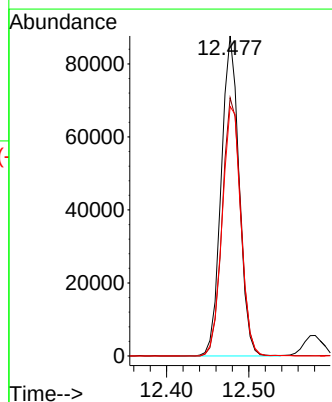
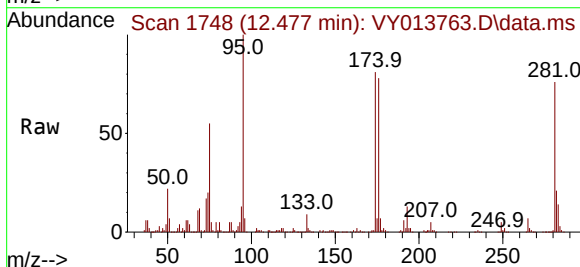
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBS02

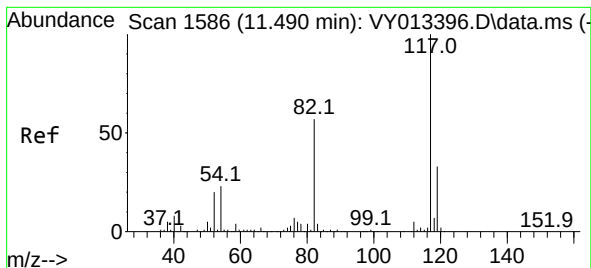
Tgt Ion:107 Resp: 41002
Ion Ratio Lower Upper
107 100
109 95.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 61.351 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 95 Resp: 132521
Ion Ratio Lower Upper
95 100
174 83.4 0.0 182.0
176 81.9 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS02

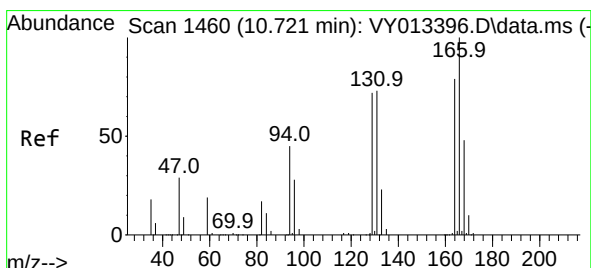
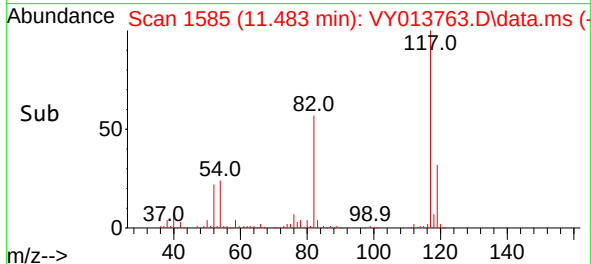
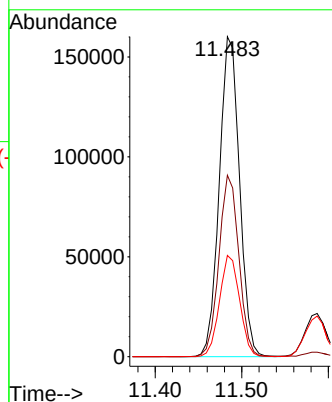
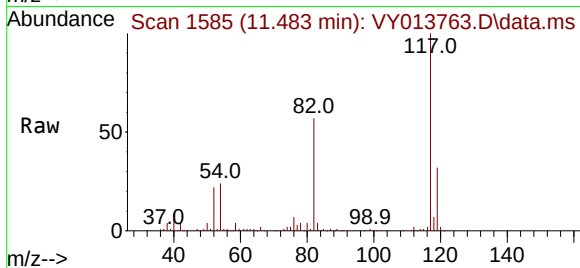
Tgt Ion:117 Resp: 259965

Ion Ratio Lower Upper

117 100

82 56.7 43.0 64.6

119 31.7 25.5 38.3



#64

Tetrachloroethene

Concen: 23.503 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Tgt Ion:164 Resp: 46460

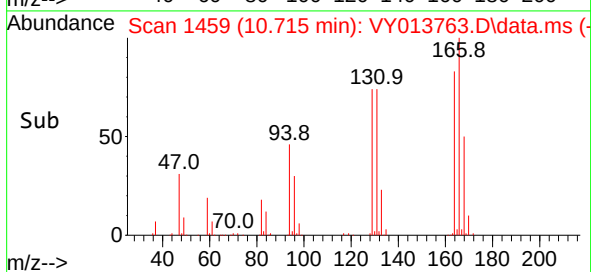
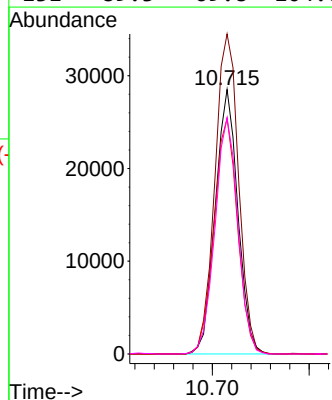
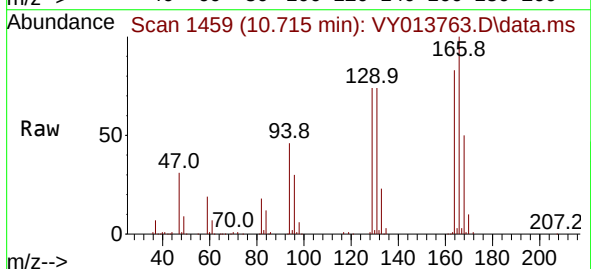
Ion Ratio Lower Upper

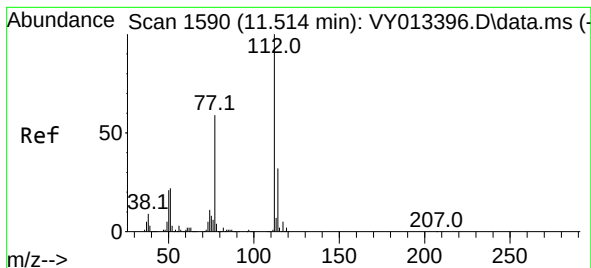
164 100

166 121.0 97.5 146.3

129 89.1 72.6 109.0

131 89.3 69.8 104.6





#65

Chlorobenzene

Concen: 23.717 ug/l

RT: 11.514 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

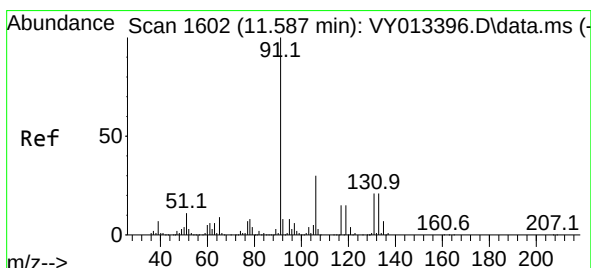
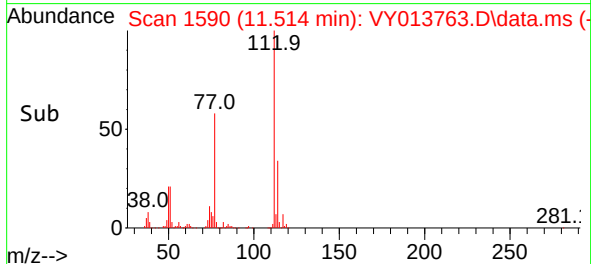
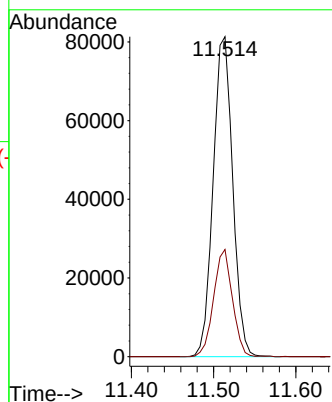
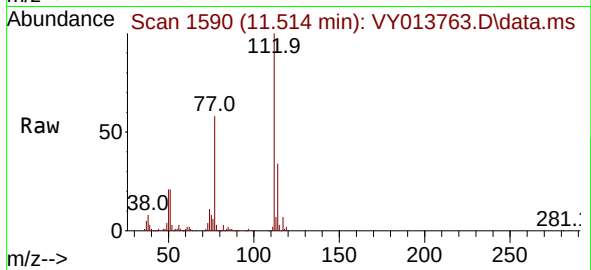
VY0516SBS02

Tgt Ion:112 Resp: 134313

Ion Ratio Lower Upper

112 100

114 33.5 24.9 37.3



#66

1,1,1,2-Tetrachloroethane

Concen: 24.898 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

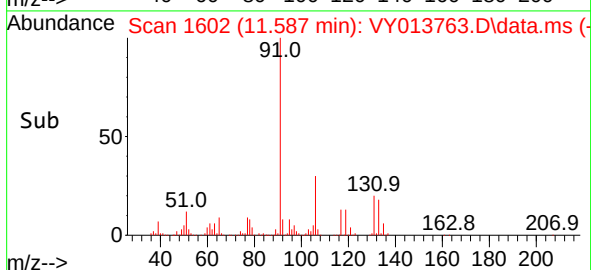
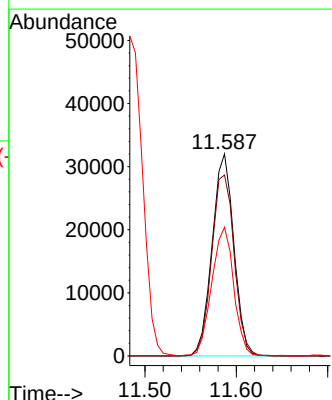
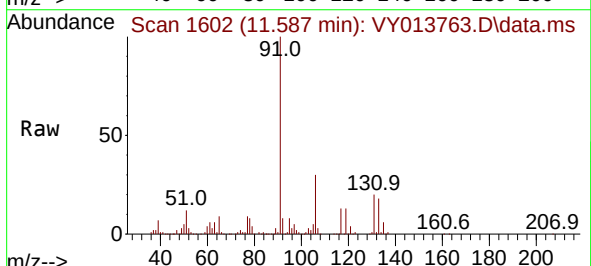
Tgt Ion:131 Resp: 52732

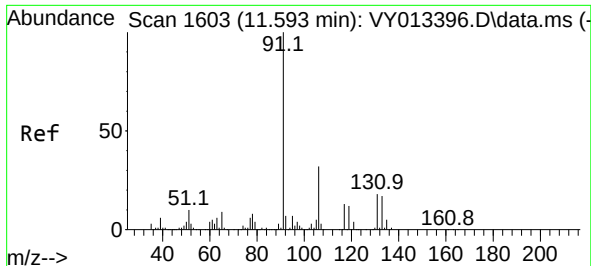
Ion Ratio Lower Upper

131 100

133 93.4 47.7 143.1

119 64.7 32.6 98.0





#67

Ethyl Benzene

Concen: 24.446 ug/l

RT: 11.587 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

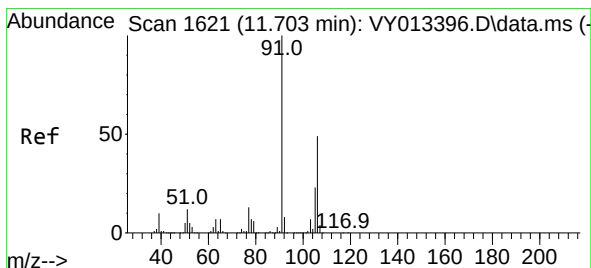
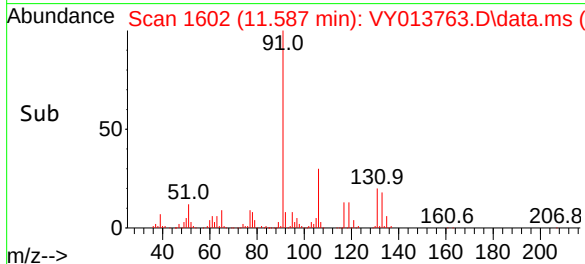
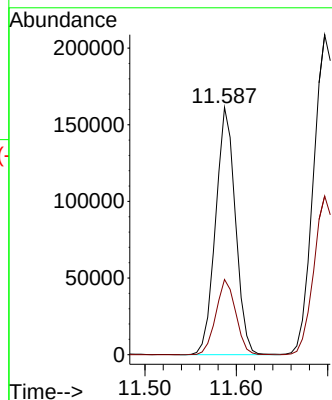
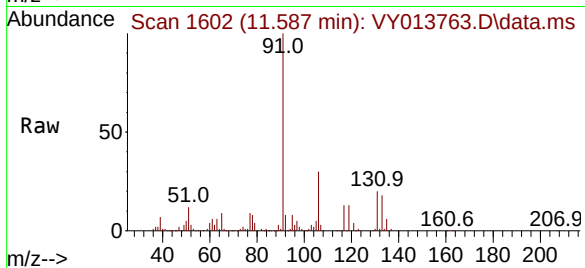
VY0516SBS02

Tgt Ion: 91 Resp: 243100

Ion Ratio Lower Upper

91 100

106 30.4 25.1 37.7



#68

m/p-Xylenes

Concen: 48.913 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY013763.D

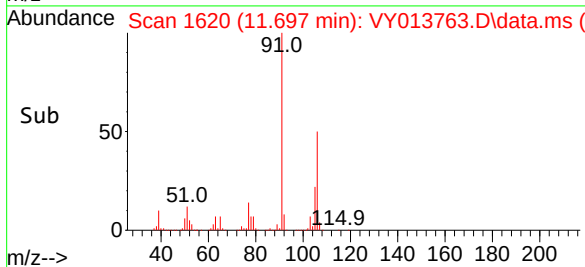
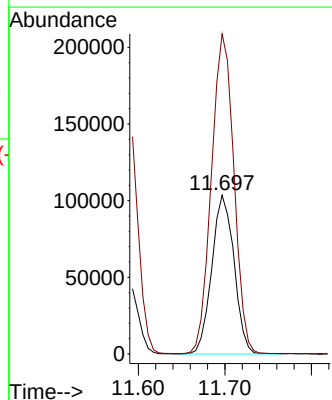
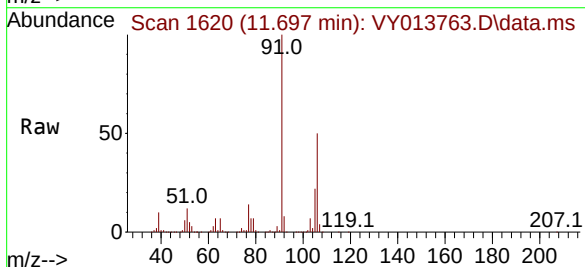
Acq: 16 May 2023 16:47

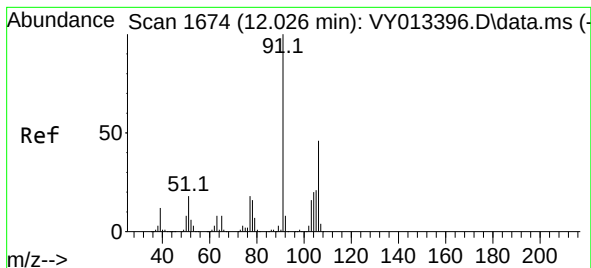
Tgt Ion:106 Resp: 184907

Ion Ratio Lower Upper

106 100

91 203.9 160.9 241.3

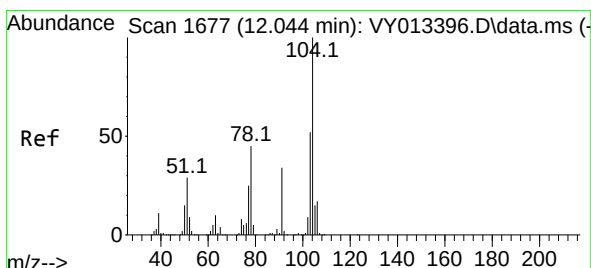
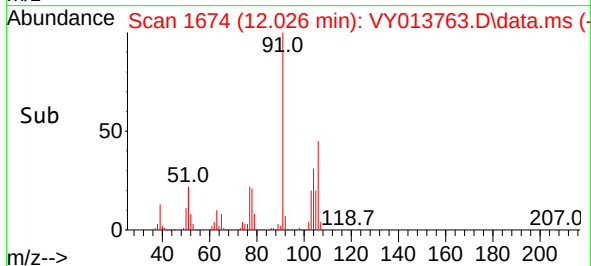
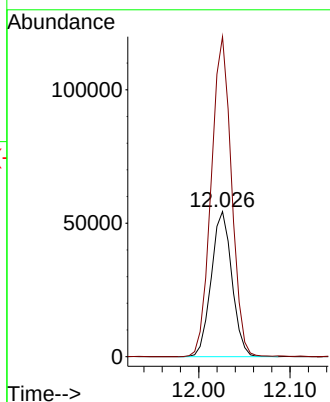
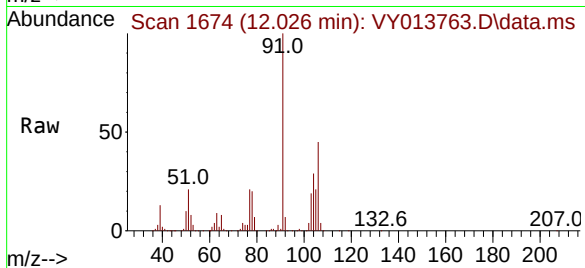




#69
o-Xylene
Concen: 23.837 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

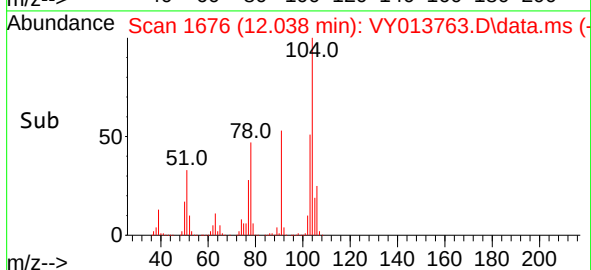
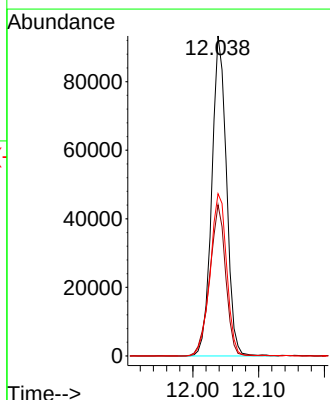
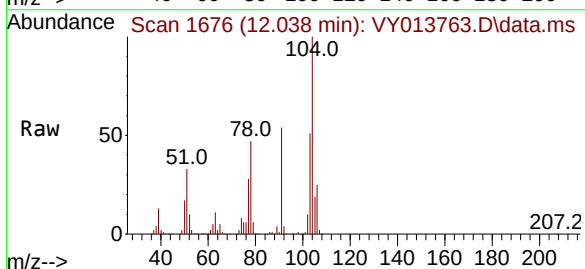
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD02

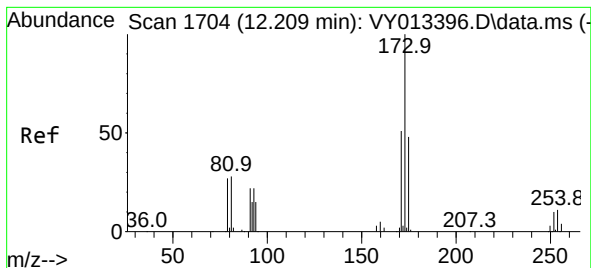
Tgt Ion:106 Resp: 85222
Ion Ratio Lower Upper
106 100
91 216.9 105.5 316.4



#70
Styrene
Concen: 24.344 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion:104 Resp: 145530
Ion Ratio Lower Upper
104 100
78 51.0 40.3 60.5
103 56.8 45.0 67.4





#71

Bromoform

Concen: 23.338 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD02

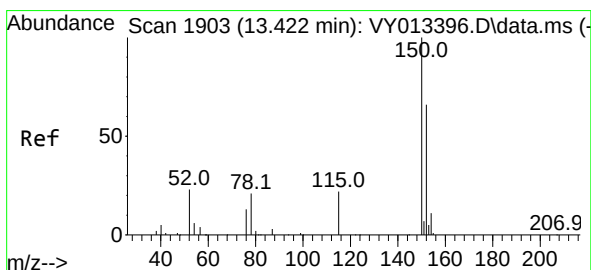
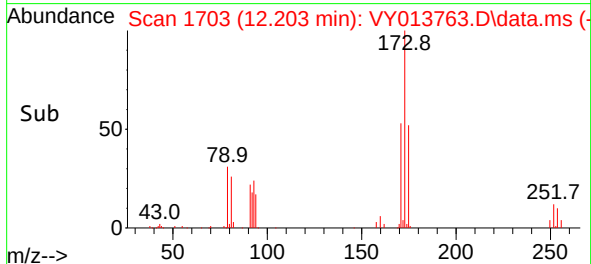
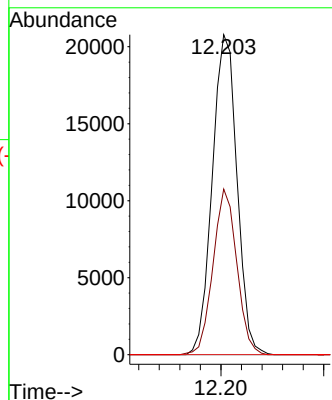
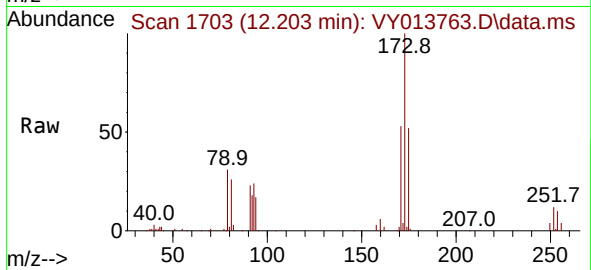
Tgt Ion:173 Resp: 34622

Ion Ratio Lower Upper

173 100

175 49.8 24.3 72.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

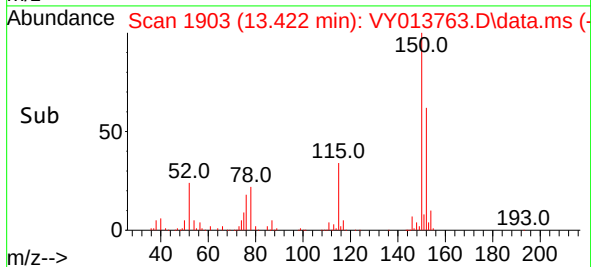
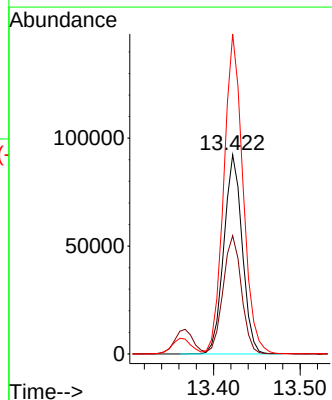
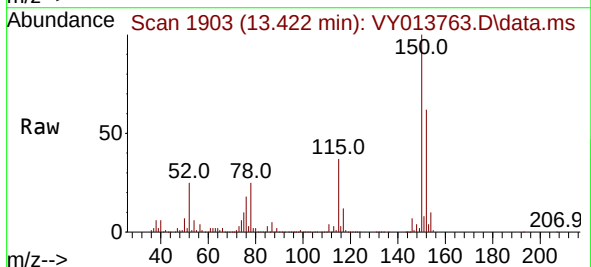
Tgt Ion:152 Resp: 135912

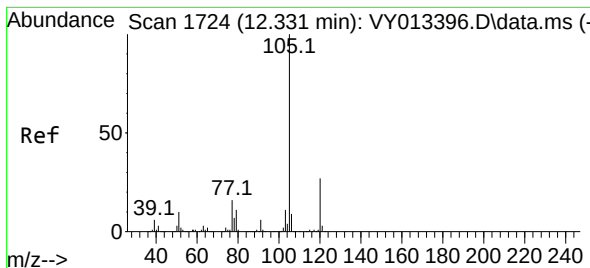
Ion Ratio Lower Upper

152 100

115 59.4 28.1 84.2

150 167.5 0.0 352.0





#73

Isopropylbenzene

Concen: 22.549 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

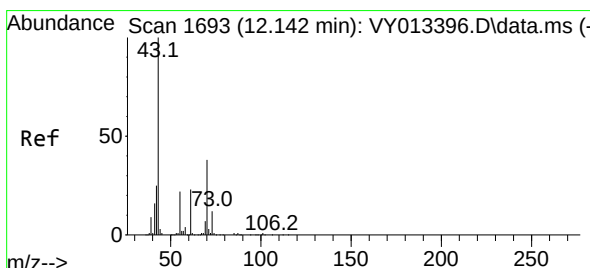
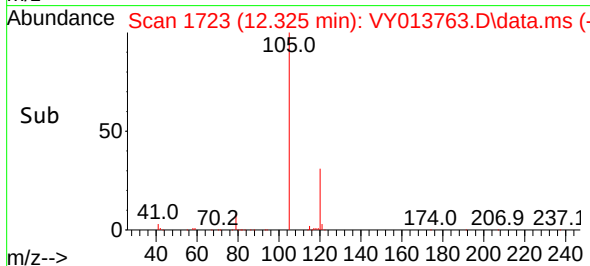
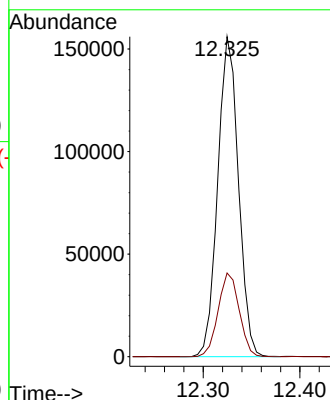
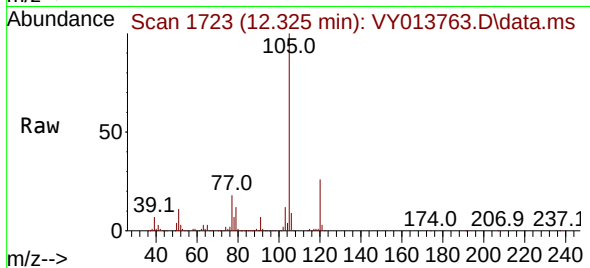
VY0516SBSD02

Tgt Ion:105 Resp: 231804

Ion Ratio Lower Upper

105 100

120 26.6 13.7 41.0



#74

N-ethyl acetate

Concen: 21.669 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Tgt Ion: 43 Resp: 79268

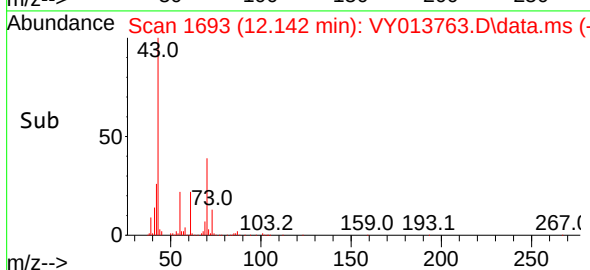
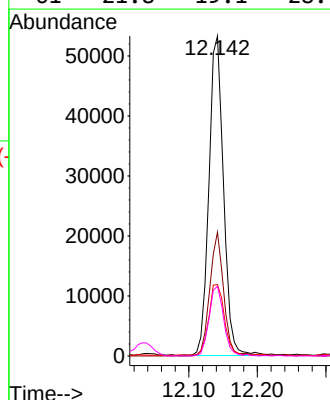
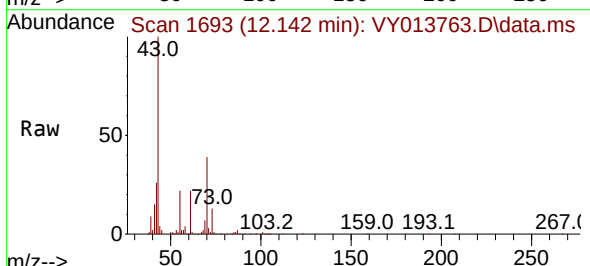
Ion Ratio Lower Upper

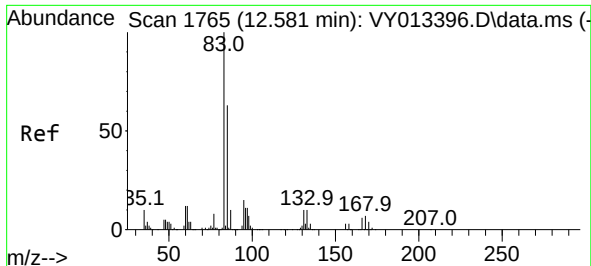
43 100

70 37.1 33.0 49.4

55 23.4 19.8 29.6

61 21.8 19.1 28.7

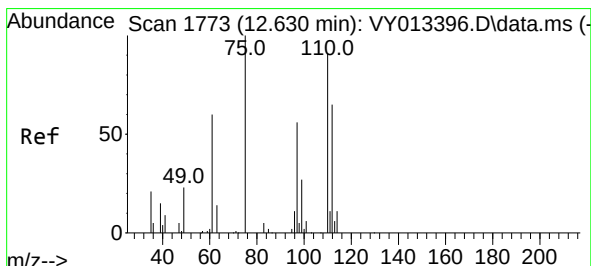
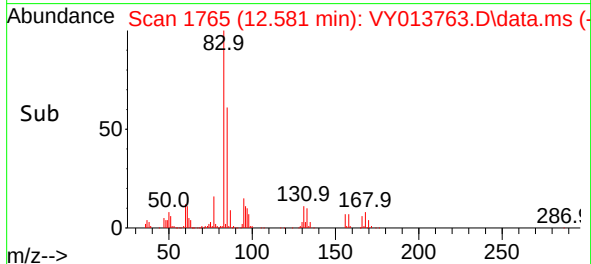
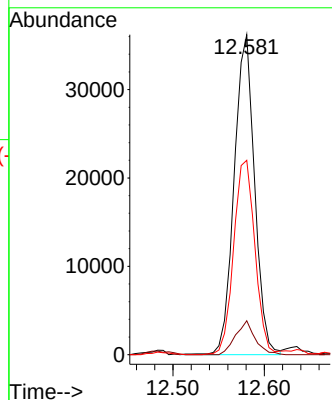
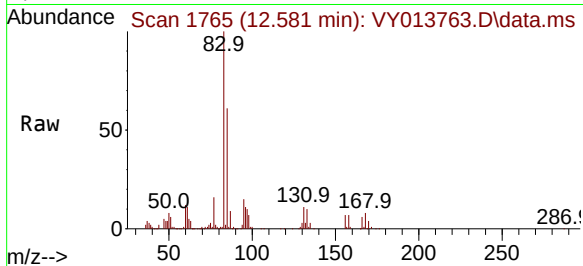




#75
1,1,2,2-Tetrachloroethane
Concen: 22.376 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

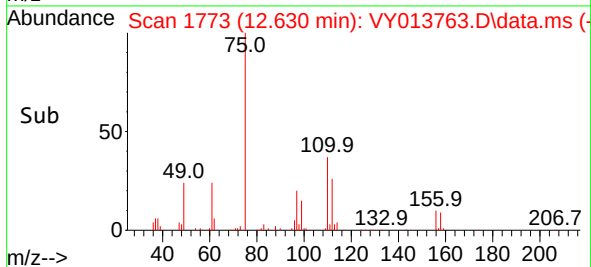
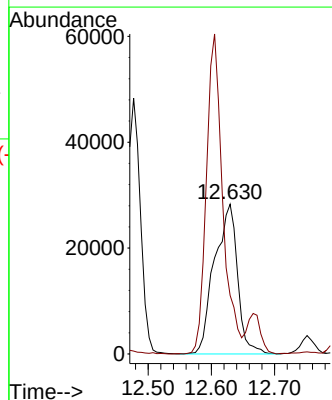
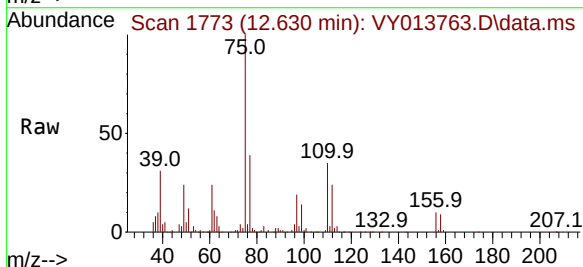
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD02

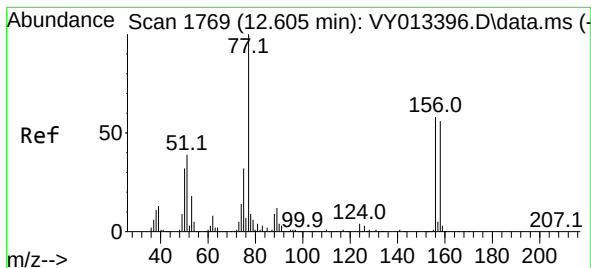
Tgt Ion: 83 Resp: 56225
Ion Ratio Lower Upper
83 100
131 10.1 5.7 17.0
85 63.5 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 39.079 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 75 Resp: 71629
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 22.450 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

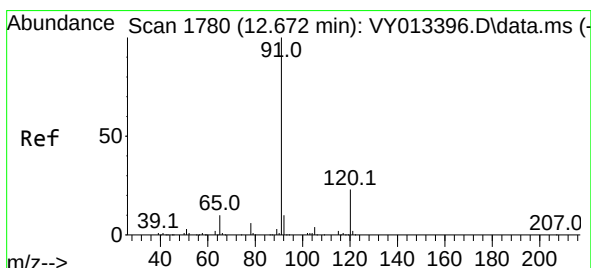
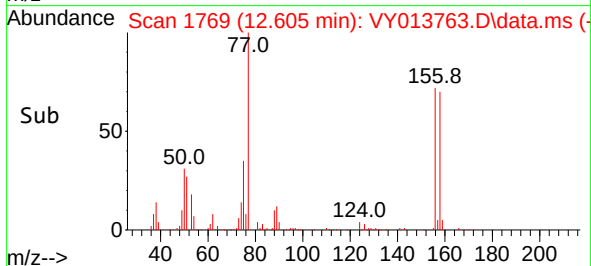
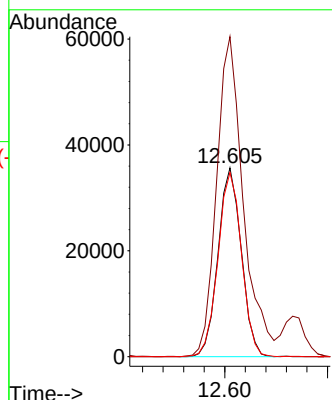
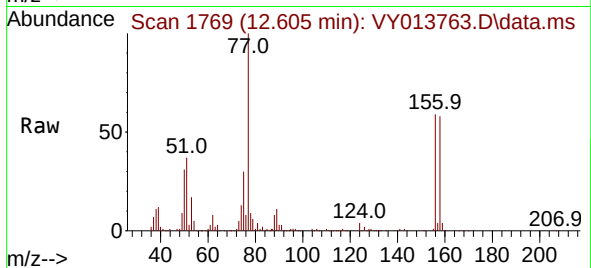
Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS02

Tgt Ion:	156	Resp:	55920
Ion	Ratio	Lower	Upper
156	100		
77	194.8	87.6	262.9
158	99.0	48.5	145.5



#78

n-propylbenzene

Concen: 23.234 ug/l

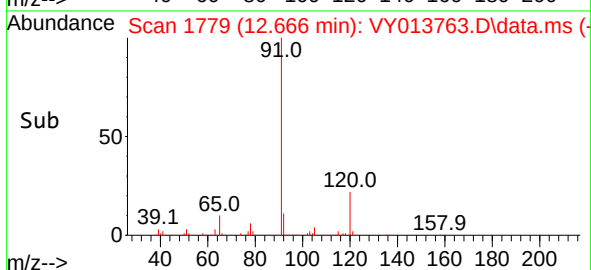
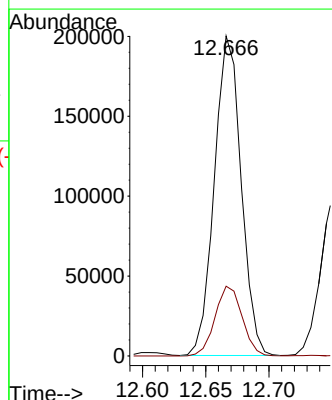
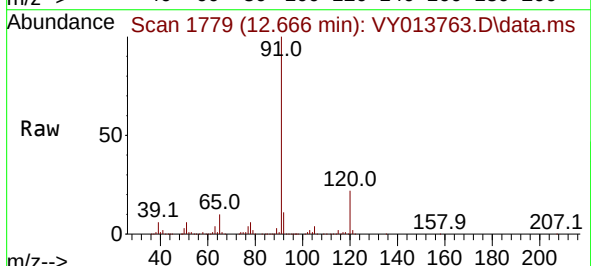
RT: 12.666 min Scan# 1779

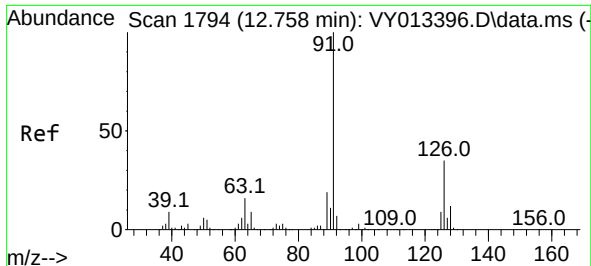
Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Tgt Ion:	91	Resp:	294191
Ion	Ratio	Lower	Upper
91	100		
120	22.1	11.9	35.9





#79

2-Chlorotoluene

Concen: 23.075 ug/l

RT: 12.751 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

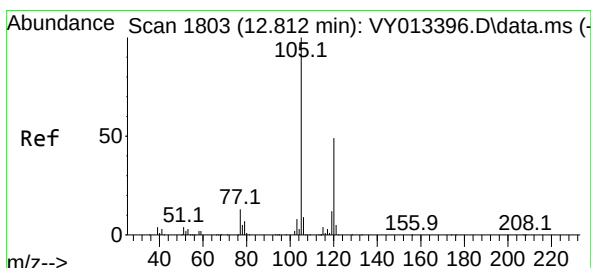
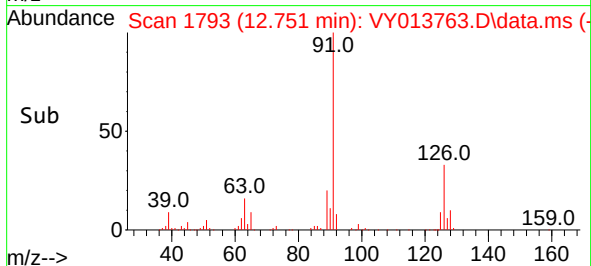
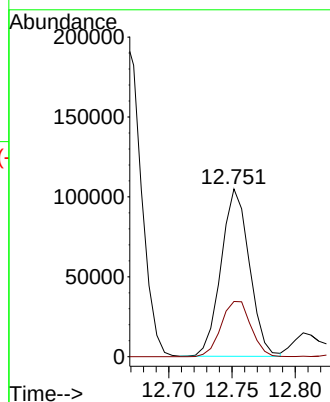
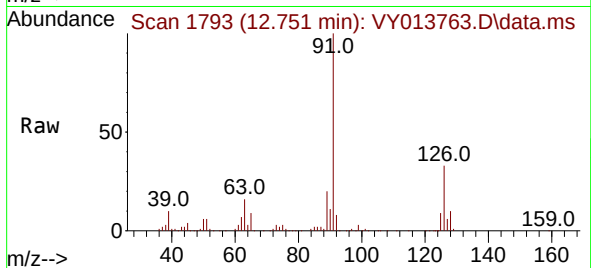
VY0516SBS02

Tgt Ion: 91 Resp: 163163

Ion Ratio Lower Upper

91 100

126 34.7 17.8 53.4



#80

1,3,5-Trimethylbenzene

Concen: 23.213 ug/l

RT: 12.806 min Scan# 1802

Delta R.T. -0.006 min

Lab File: VY013763.D

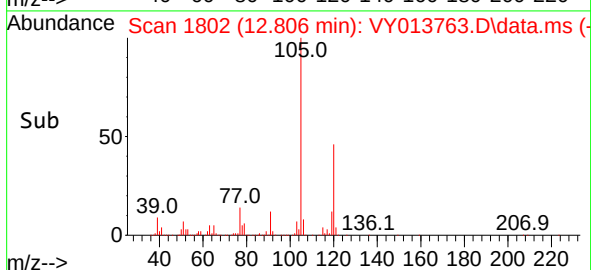
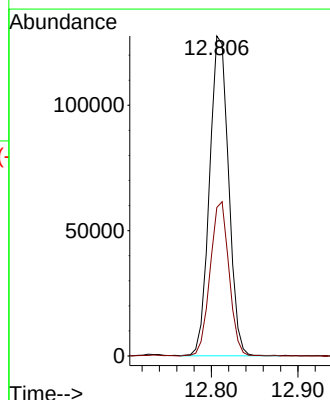
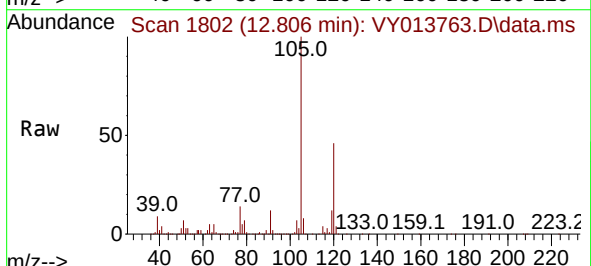
Acq: 16 May 2023 16:47

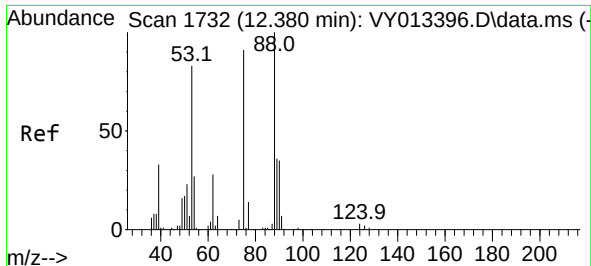
Tgt Ion:105 Resp: 194766

Ion Ratio Lower Upper

105 100

120 48.0 24.7 74.1

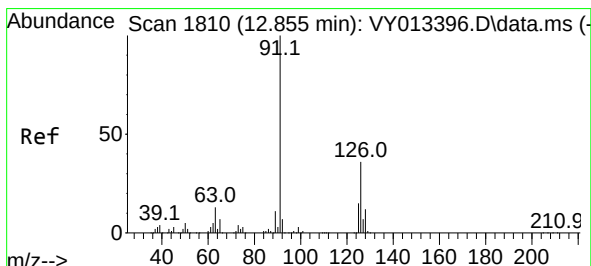
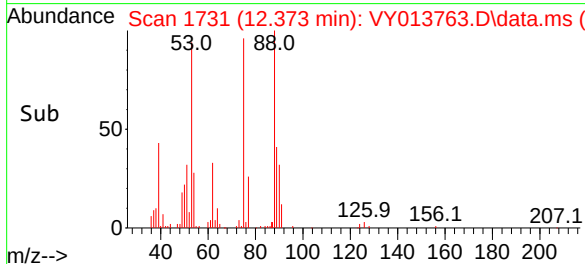
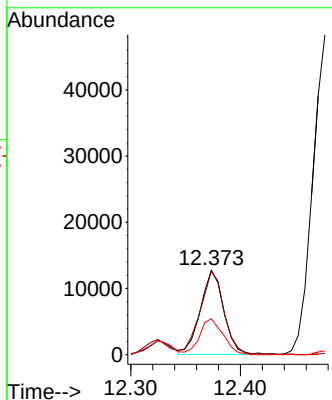
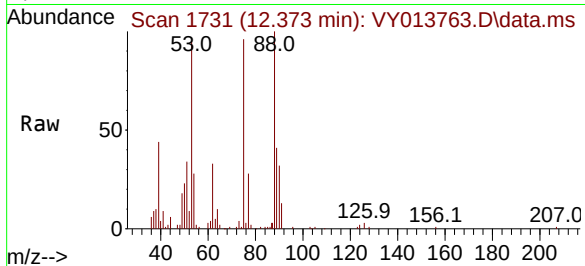




#81
trans-1,4-Dichloro-2-butene
Concen: 20.877 ug/l
RT: 12.373 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

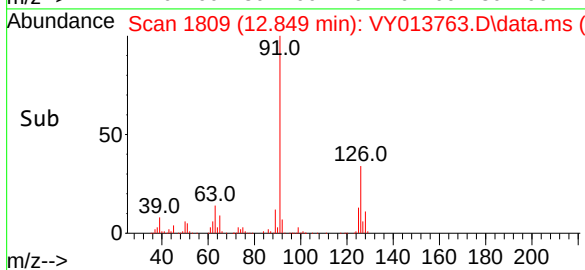
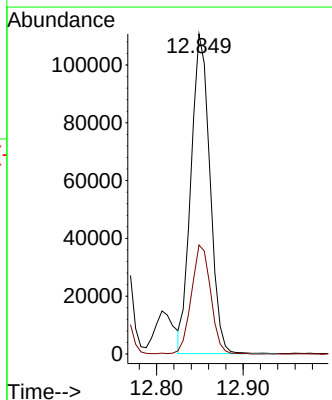
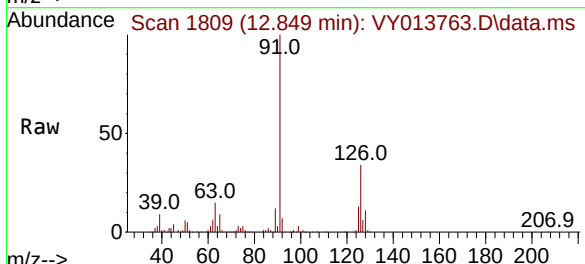
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD02

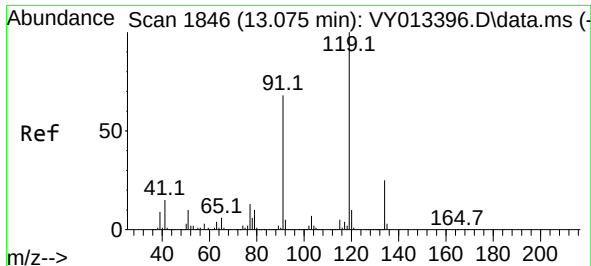
Tgt Ion: 75 Resp: 18707
Ion Ratio Lower Upper
75 100
53 102.7 73.2 109.8
89 42.6 38.0 57.0



#82
4-Chlorotoluene
Concen: 22.784 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion: 91 Resp: 167911
Ion Ratio Lower Upper
91 100
126 34.8 17.9 53.8

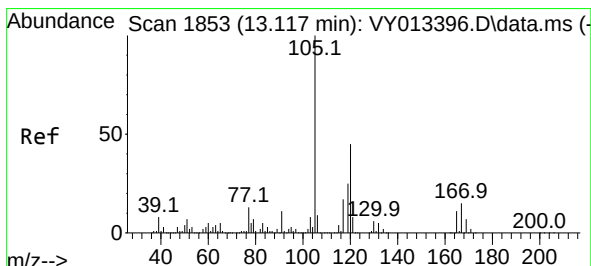
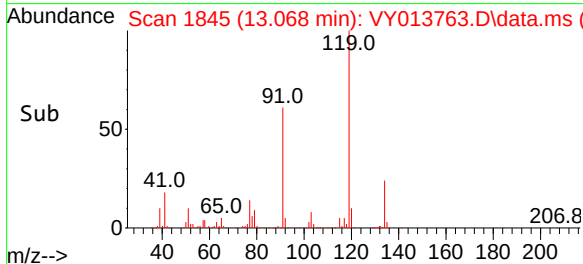
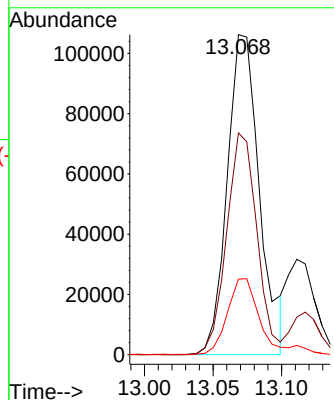
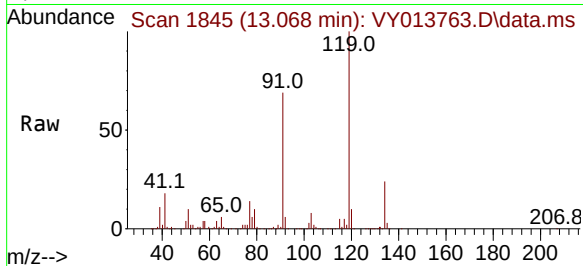




#83
tert-Butylbenzene
Concen: 23.953 ug/l
RT: 13.068 min Scan# 1845
Delta R.T. -0.006 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

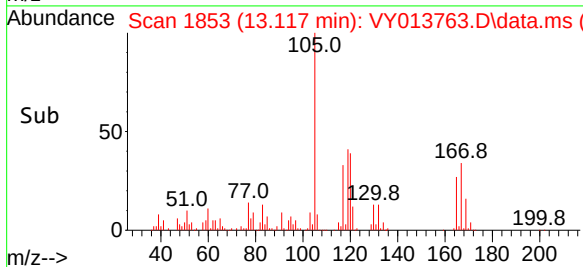
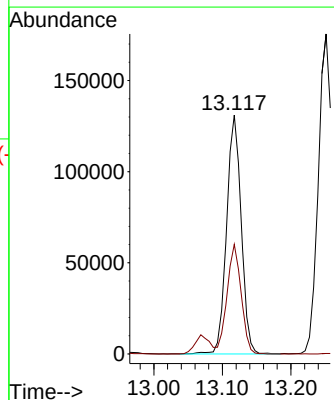
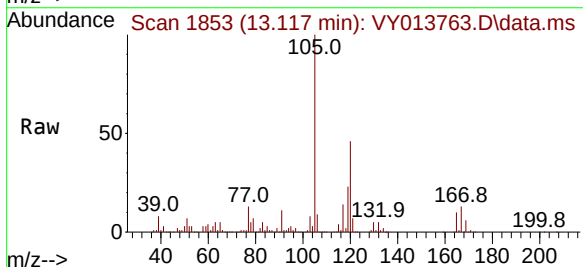
Instrument :
MSVOA_Y
ClientSampleId :
VY0516SBSD02

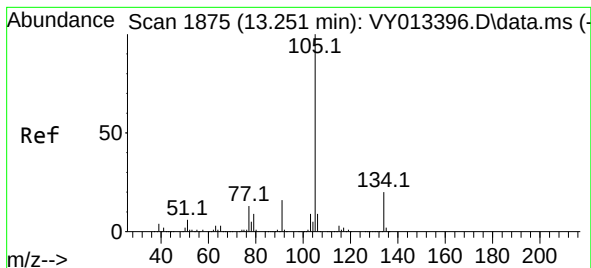
Tgt Ion:119 Resp: 174115
Ion Ratio Lower Upper
119 100
91 65.1 32.2 96.6
134 24.6 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 23.727 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY013763.D
Acq: 16 May 2023 16:47

Tgt Ion:105 Resp: 193556
Ion Ratio Lower Upper
105 100
120 44.6 22.3 66.9





#85

sec-Butylbenzene

Concen: 23.493 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

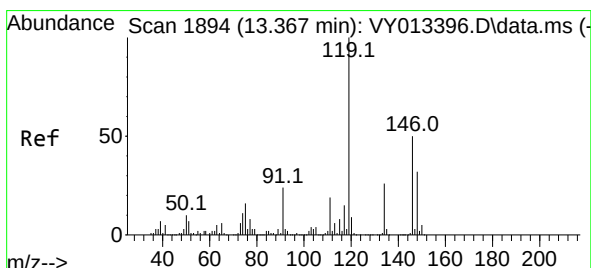
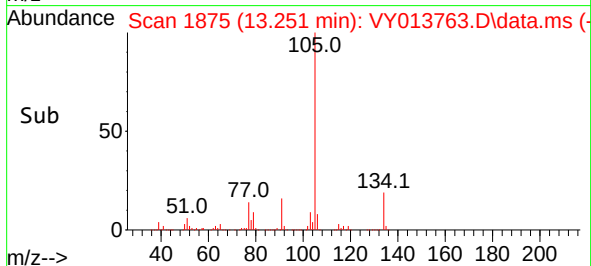
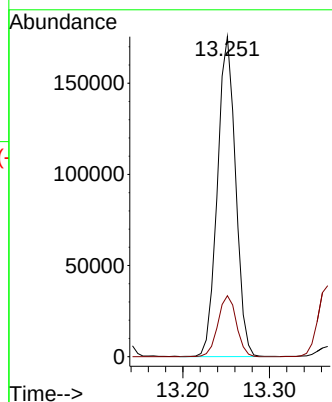
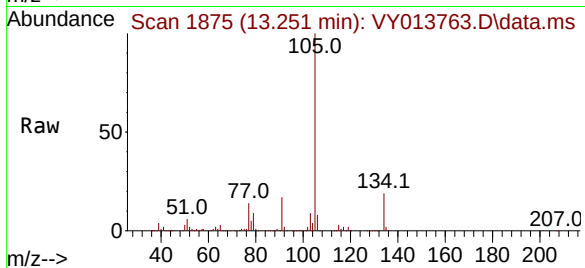
VY0516SBS02

Tgt Ion:105 Resp: 256302

Ion Ratio Lower Upper

105 100

134 19.3 10.3 30.9



#86

p-Isopropyltoluene

Concen: 23.882 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

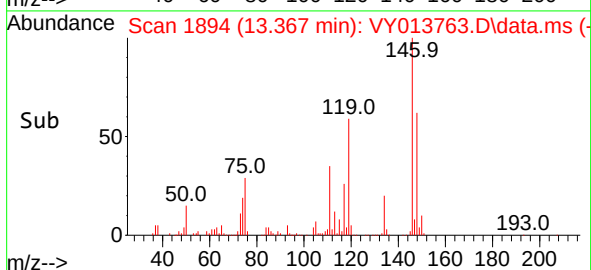
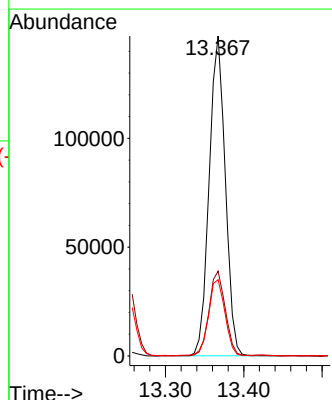
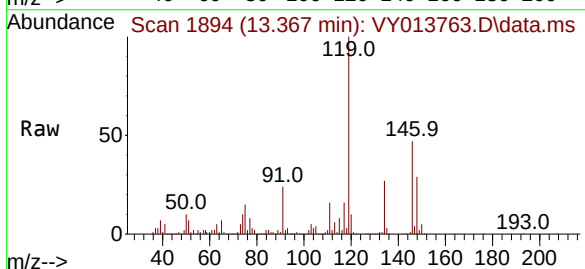
Tgt Ion:119 Resp: 209525

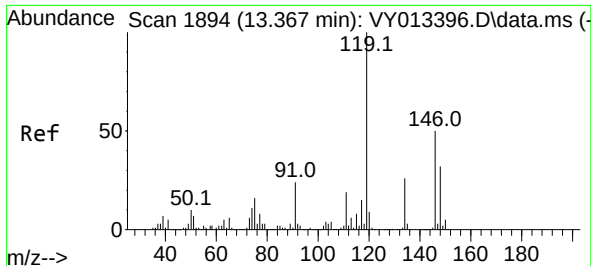
Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.2

91 24.4 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 23.513 ug/l

RT: 13.361 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS02

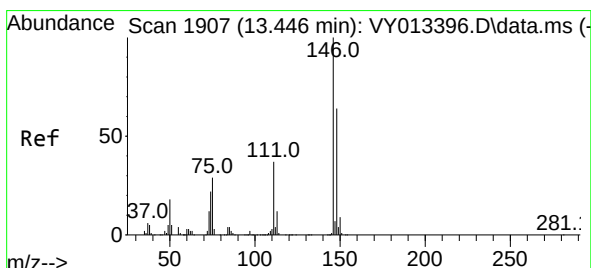
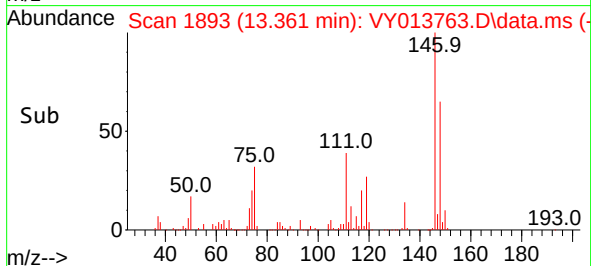
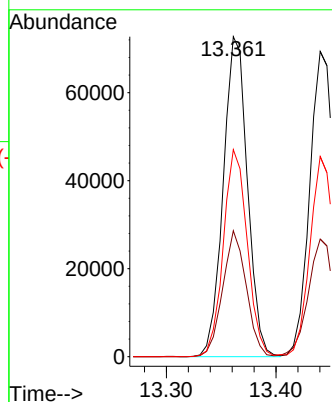
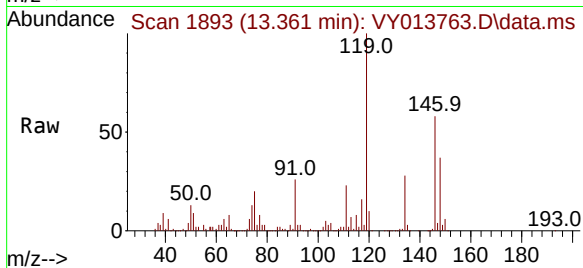
Tgt Ion:146 Resp: 111582

Ion Ratio Lower Upper

146 100

111 38.4 19.3 57.9

148 63.9 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 22.996 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

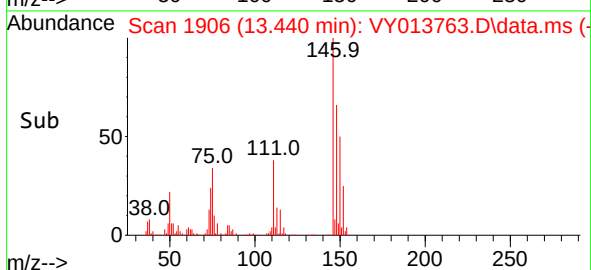
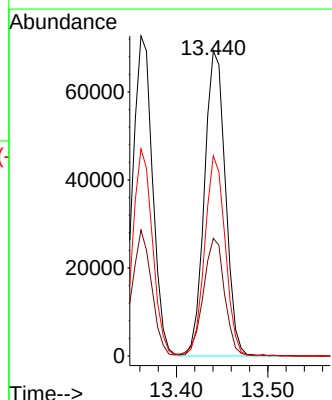
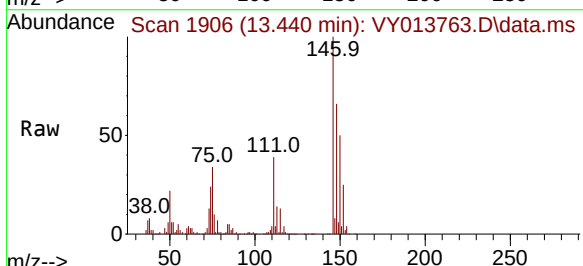
Tgt Ion:146 Resp: 110237

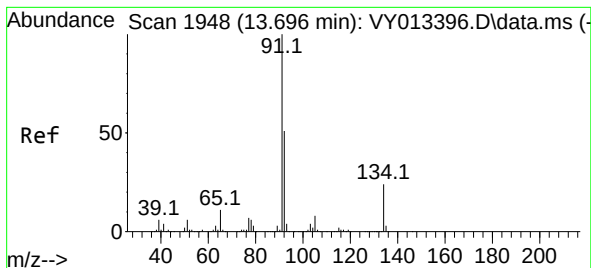
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.5

148 63.8 31.9 95.5





#89

n-Butylbenzene

Concen: 24.100 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBSD02

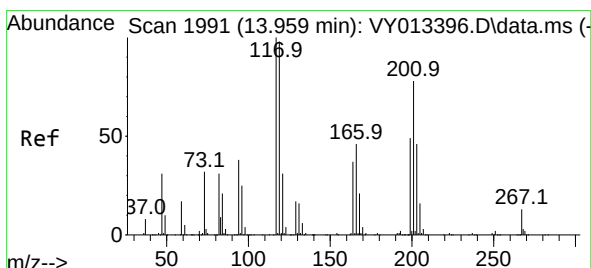
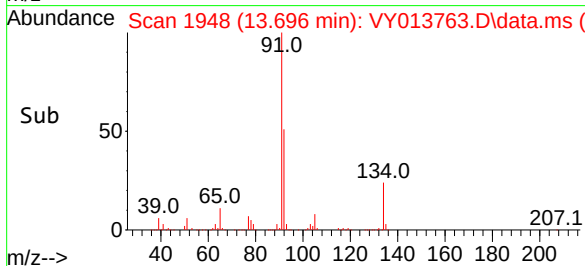
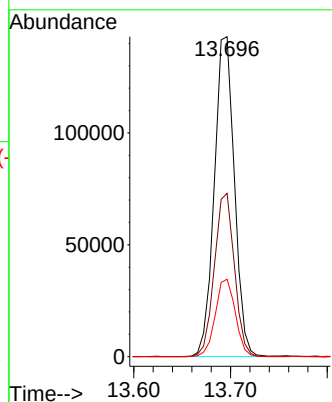
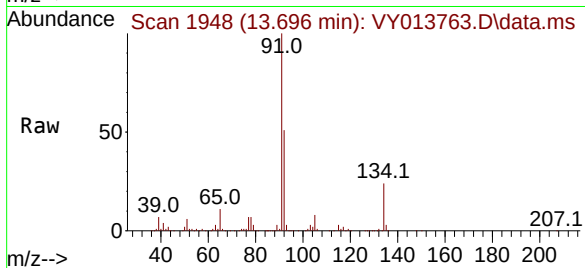
Tgt Ion: 91 Resp: 206366

Ion Ratio Lower Upper

91 100

92 51.0 25.8 77.3

134 24.2 13.5 40.4



#90

Hexachloroethane

Concen: 23.516 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.001 min

Lab File: VY013763.D

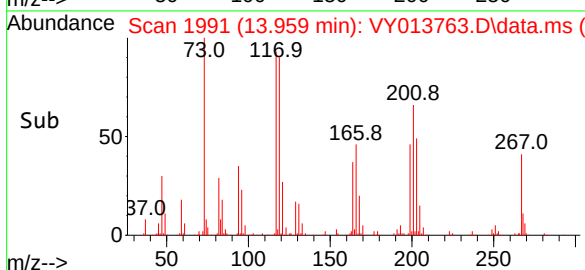
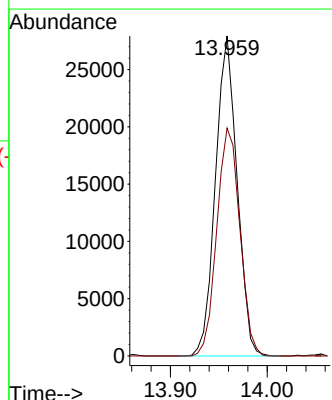
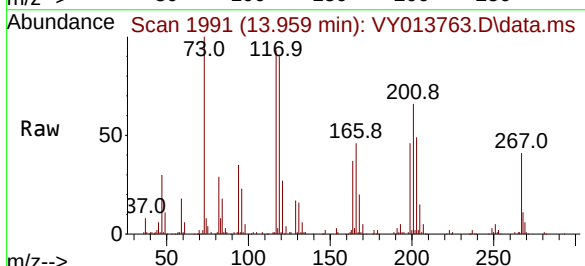
Acq: 16 May 2023 16:47

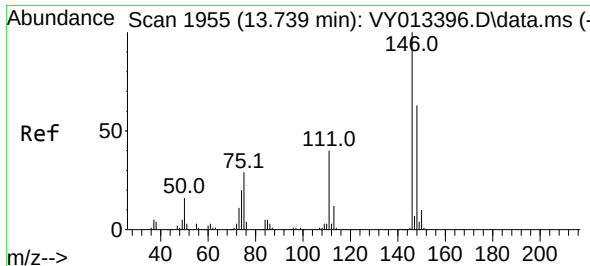
Tgt Ion: 117 Resp: 43421

Ion Ratio Lower Upper

117 100

201 75.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 23.144 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS02

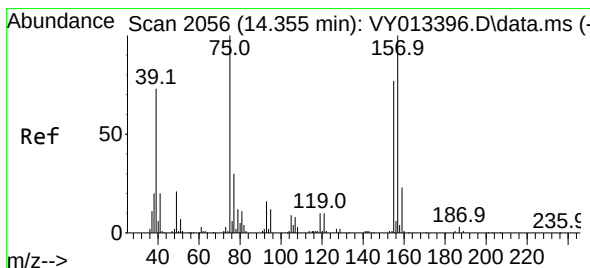
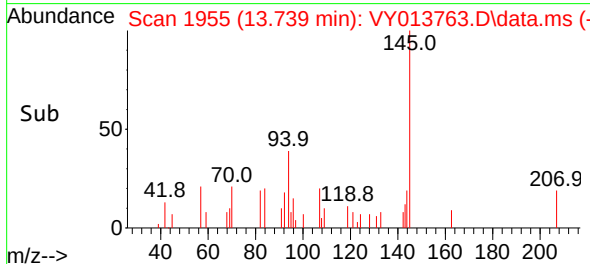
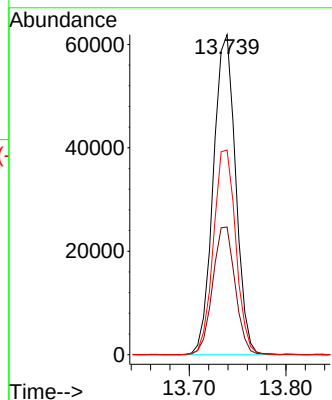
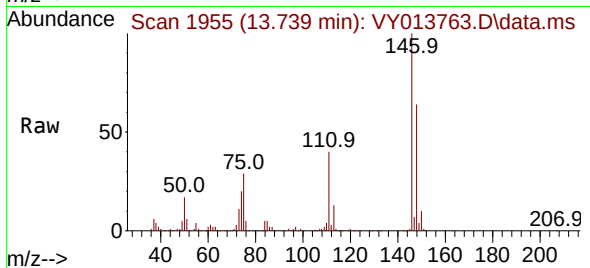
Tgt Ion:146 Resp: 99180

Ion Ratio Lower Upper

146 100

111 40.5 19.8 59.4

148 64.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.603 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

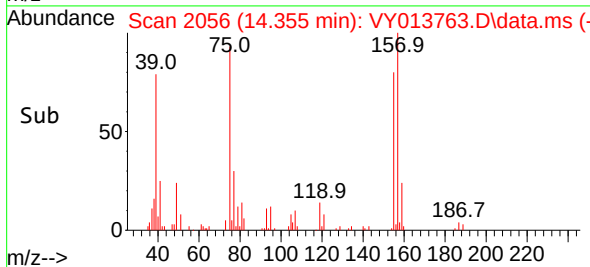
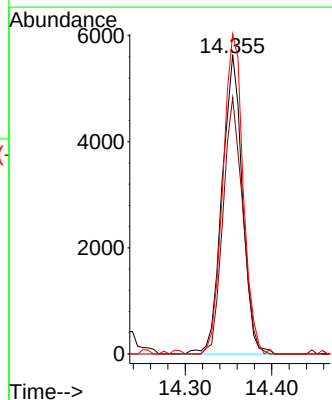
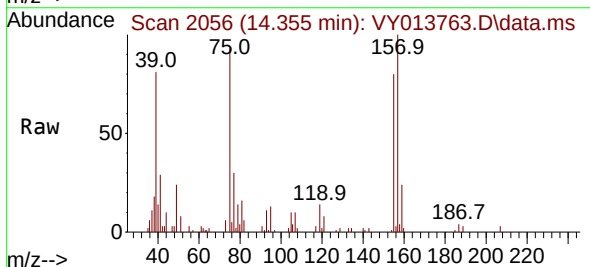
Tgt Ion: 75 Resp: 9143

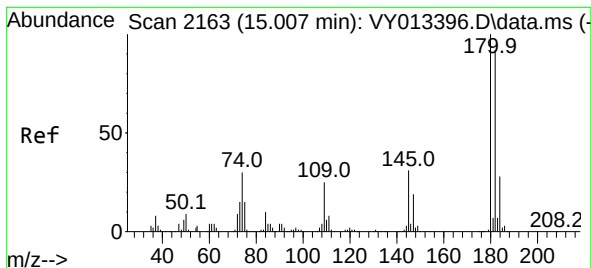
Ion Ratio Lower Upper

75 100

155 83.7 44.6 134.0

157 107.3 57.6 172.7





#93

1,2,4-Trichlorobenzene

Concen: 23.543 ug/l

RT: 15.001 min Scan# 2162

Delta R.T. -0.006 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS02

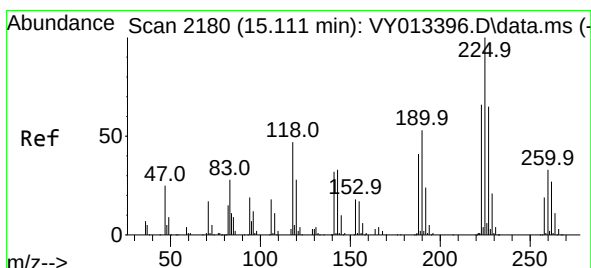
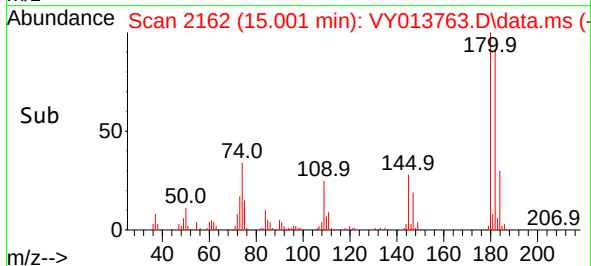
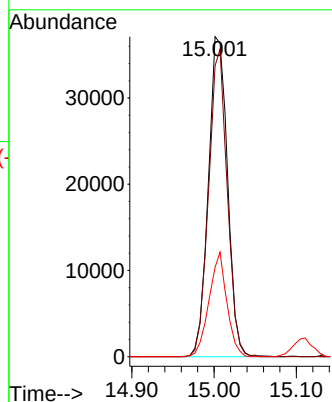
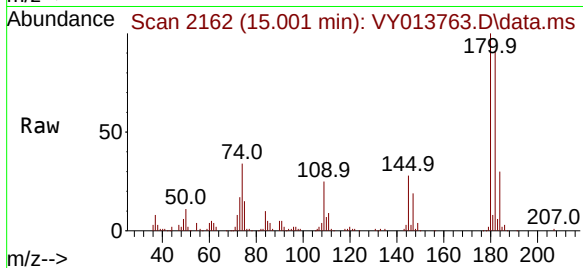
Tgt Ion:180 Resp: 60150

Ion Ratio Lower Upper

180 100

182 93.1 48.5 145.5

145 30.4 15.0 45.0



#94

Hexachlorobutadiene

Concen: 25.834 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

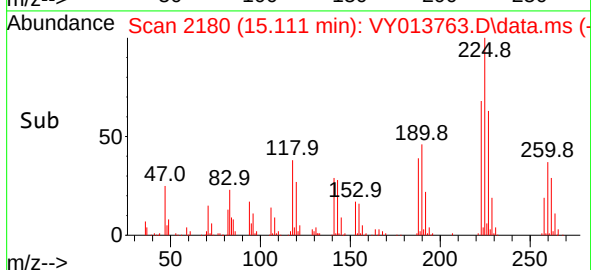
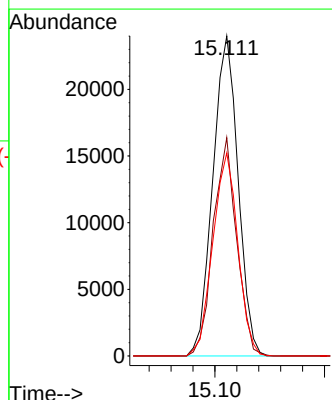
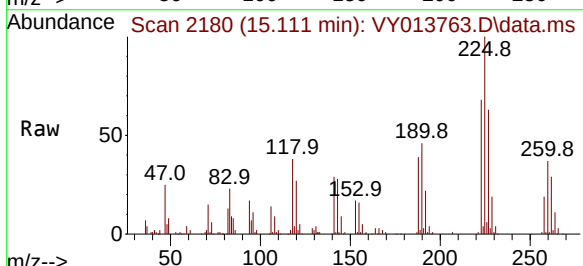
Tgt Ion:225 Resp: 38414

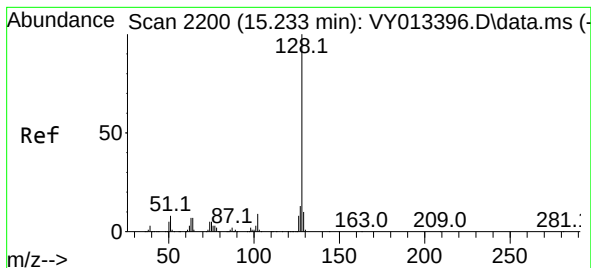
Ion Ratio Lower Upper

225 100

223 63.3 31.4 94.2

227 62.8 32.0 96.0





#95

Naphthalene

Concen: 21.366 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0516SBS02

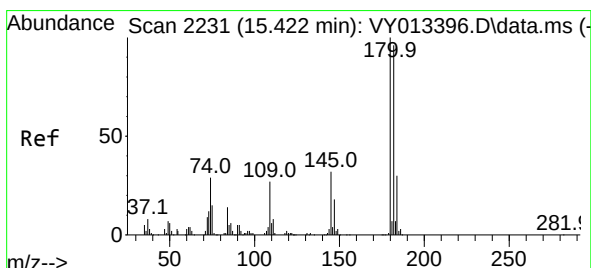
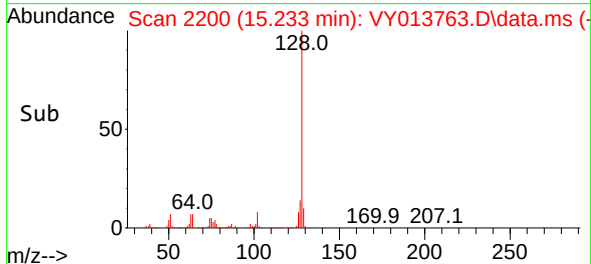
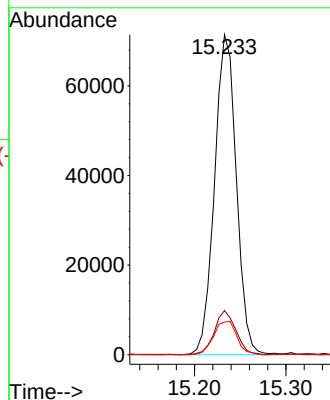
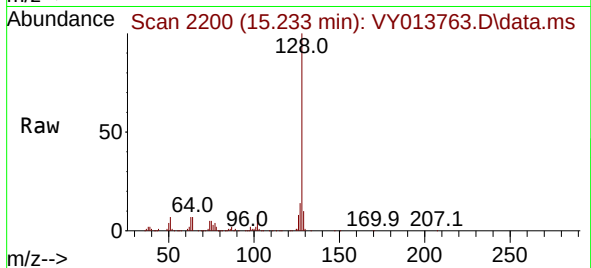
Tgt Ion:128 Resp: 118442

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 11.2 8.8 13.2



#96

1,2,3-Trichlorobenzene

Concen: 23.444 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY013763.D

Acq: 16 May 2023 16:47

Tgt Ion:180 Resp: 53386

Ion Ratio Lower Upper

180 100

182 94.6 47.1 141.3

145 31.6 15.9 47.7

