

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082223\
 Data File : VY015263.D
 Acq On : 22 Aug 2023 23:04
 Operator : SY/MD
 Sample : VY0822SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS02

Quant Time: Aug 23 02:49:41 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	161130	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	268730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	246115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	123430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	95628	49.440	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.880%		
35) Dibromofluoromethane	7.722	113	84380	48.808	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.620%		
50) Toluene-d8	10.179	98	316750	49.218	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	98.440%		
62) 4-Bromofluorobenzene	12.483	95	109752	46.691	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	93.380%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	14577	17.896	ug/l	88
3) Chloromethane	2.107	50	19933	18.293	ug/l	100
4) Vinyl Chloride	2.247	62	23913	18.651	ug/l	99
5) Bromomethane	2.650	94	19745	19.881	ug/l	99
6) Chloroethane	2.784	64	17491	18.790	ug/l	98
7) Trichlorofluoromethane	3.119	101	42243	19.553	ug/l	96
8) Diethyl Ether	3.534	74	16701	19.711	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.887	101	26175	19.494	ug/l	94
10) Methyl Iodide	4.088	142	18468	14.007	ug/l	97
11) Tert butyl alcohol	4.924	59	6804	5.523	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	20927	18.665	ug/l	90
13) Acrolein	3.735	56	15415	90.151	ug/l	99
14) Allyl chloride	4.479	41	37670	18.950	ug/l	97
15) Acrylonitrile	5.174	53	56105	97.709	ug/l	98
16) Acetone	3.973	43	46637	73.807	ug/l	95
17) Carbon Disulfide	4.192	76	30449	15.431	ug/l #	92
18) Methyl Acetate	4.485	43	46557	20.106	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	93856	19.687	ug/l	99
20) Methylene Chloride	4.716	84	43061	26.382	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	24225	19.155	ug/l	87
22) Diisopropyl ether	6.125	45	100806	20.323	ug/l	94
23) Vinyl Acetate	6.064	43	269344	91.003	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	54694	20.367	ug/l	97
25) 2-Butanone	6.996	43	75333	84.202	ug/l	94
26) 2,2-Dichloropropane	6.978	77	42592	16.452	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	34116	19.748	ug/l	96
28) Bromochloromethane	7.338	49	27656	22.416	ug/l	97
29) Tetrahydrofuran	7.356	42	49369	92.285	ug/l	94
30) Chloroform	7.509	83	61890	20.559	ug/l	98
31) Cyclohexane	7.783	56	33832	17.945	ug/l #	85
32) 1,1,1-Trichloroethane	7.710	97	50241	19.612	ug/l	99
36) 1,1-Dichloropropene	7.917	75	35807	18.721	ug/l	100
37) Ethyl Acetate	7.088	43	35766	20.062	ug/l	98
38) Carbon Tetrachloride	7.899	117	41520	18.343	ug/l	96
39) Methylcyclohexane	9.185	83	37042	17.276	ug/l	94
40) Benzene	8.167	78	113680	19.659	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	16517	17.967	ug/l	94
42) 1,2-Dichloroethane	8.240	62	42125	20.059	ug/l	95
43) Isopropyl Acetate	8.277	43	60617	18.671	ug/l	97
44) Trichloroethene	8.941	130	32768	19.669	ug/l	98
45) 1,2-Dichloropropane	9.216	63	32345	19.836	ug/l	96
46) Dibromomethane	9.307	93	20304	19.743	ug/l	97
47) Bromodichloromethane	9.496	83	48908	19.929	ug/l	96
48) Methyl methacrylate	9.295	41	26058	18.763	ug/l	94
49) 1,4-Dioxane	9.325	88	6461	314.174	ug/l #	44
51) 4-Methyl-2-Pentanone	10.075	43	180616	95.991	ug/l	96
52) Toluene	10.246	92	74999	19.678	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	46810	18.150	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	51276	18.878	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	31165	19.930	ug/l	97
56) Ethyl methacrylate	10.514	69	42279	18.474	ug/l	92
57) 1,3-Dichloropropane	10.788	76	50970	19.951	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	104317	97.948	ug/l	95
59) 2-Hexanone	10.831	43	127253	91.379	ug/l	95
60) Dibromochloromethane	10.984	129	36120	19.364	ug/l	99
61) 1,2-Dibromoethane	11.093	107	28813	19.396	ug/l	98
64) Tetrachloroethene	10.715	164	36589	21.339	ug/l	91
65) Chlorobenzene	11.514	112	87870	19.595	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	35062	19.270	ug/l	98
67) Ethyl Benzene	11.593	91	148504	18.901	ug/l	100
68) m/p-Xylenes	11.703	106	112627	37.743	ug/l	96
69) o-Xylene	12.032	106	57662	19.397	ug/l	96
70) Styrene	12.044	104	99673	19.373	ug/l	97
71) Bromoform	12.209	173	23486	17.806	ug/l #	100
73) Isopropylbenzene	12.331	105	152868	19.260	ug/l	100
74) N-amyl acetate	12.142	43	50849	17.744	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	39277	19.001	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	50419	33.622	ug/l #	100
77) Bromobenzene	12.611	156	37978	19.630	ug/l	98
78) n-propylbenzene	12.672	91	182575	19.371	ug/l	100
79) 2-Chlorotoluene	12.758	91	104050	19.137	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	125744	19.006	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.374	75	10487	15.361	ug/l	94
82) 4-Chlorotoluene	12.855	91	109273	19.453	ug/l	100
83) tert-Butylbenzene	13.075	119	114036	18.844	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	126466	19.129	ug/l	99
85) sec-Butylbenzene	13.251	105	170475	19.227	ug/l	100
86) p-Isopropyltoluene	13.367	119	140332	19.089	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	74570	19.433	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	75164	19.529	ug/l	98
89) n-Butylbenzene	13.696	91	129315	18.657	ug/l	98
90) Hexachloroethane	13.959	117	26859	18.417	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	69403	19.361	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7407	18.497	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	43298	18.814	ug/l	98
94) Hexachlorobutadiene	15.111	225	23570	18.828	ug/l	96
95) Naphthalene	15.233	128	104484	18.225	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	40447	19.461	ug/l	98

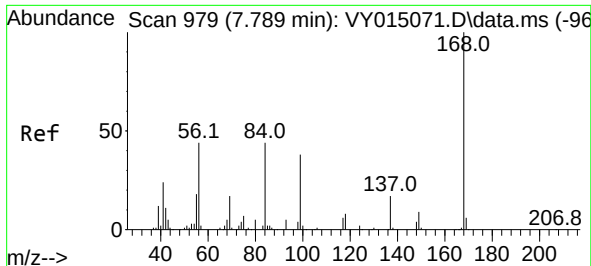
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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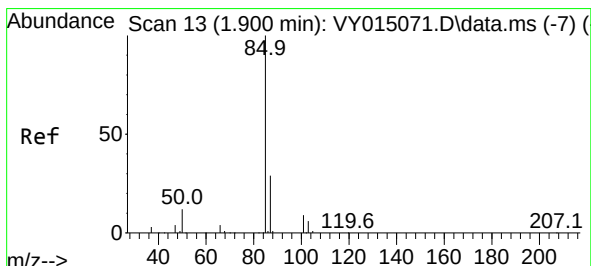
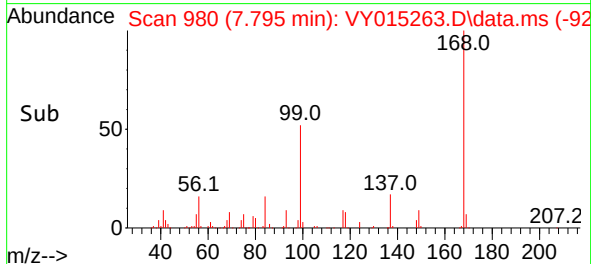
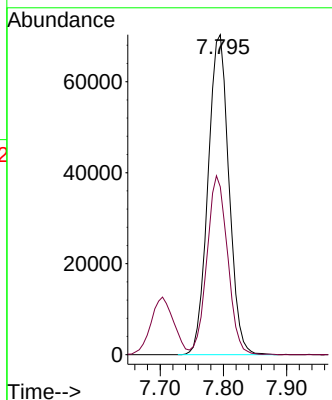
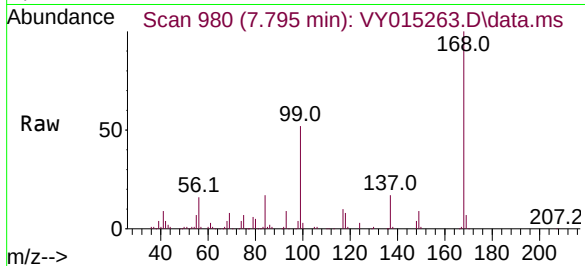
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

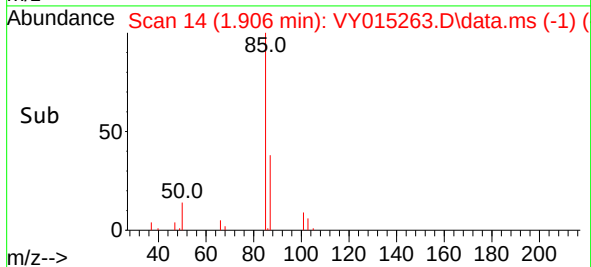
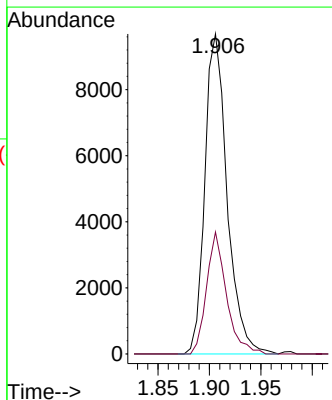
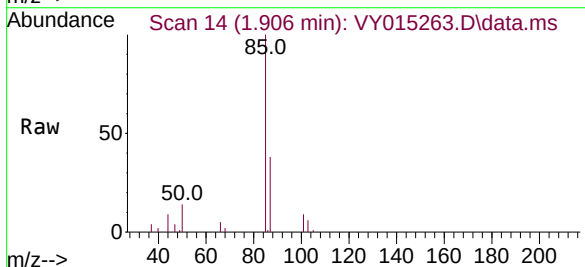
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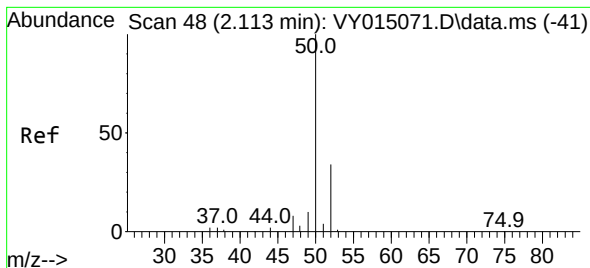
Tgt Ion:168 Resp: 161130
Ion Ratio Lower Upper
168 100
99 52.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 17.896 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 85 Resp: 14577
Ion Ratio Lower Upper
85 100
87 38.1 15.6 46.8





#3

Chloromethane

Concen: 18.293 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

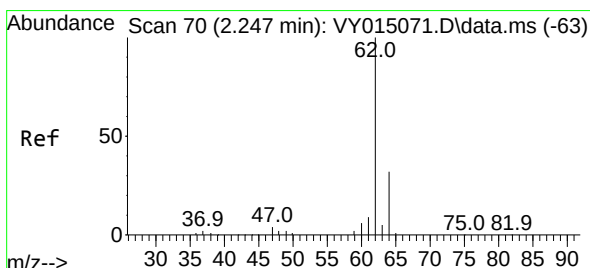
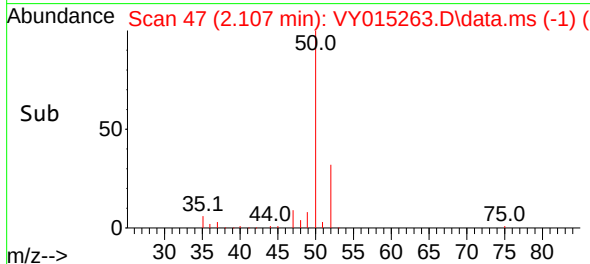
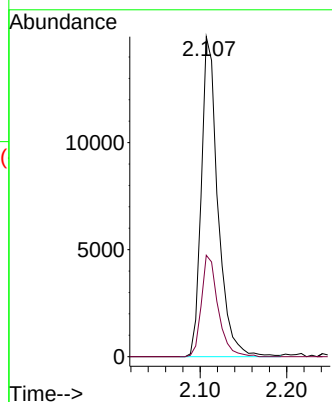
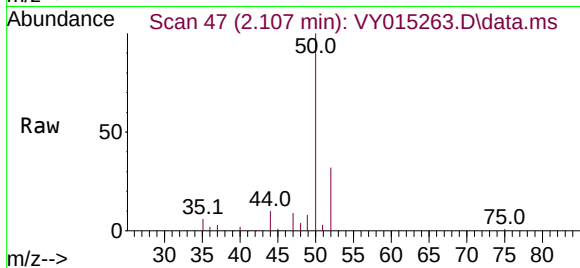
VY0822SBS02

Tgt Ion: 50 Resp: 19933

Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.2



#4

Vinyl Chloride

Concen: 18.651 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015263.D

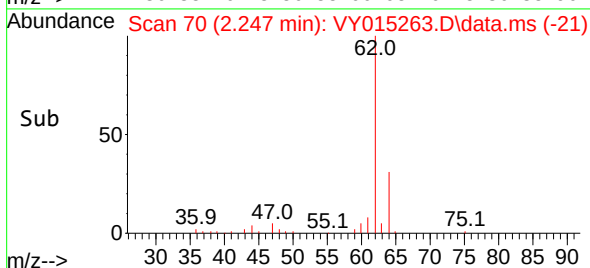
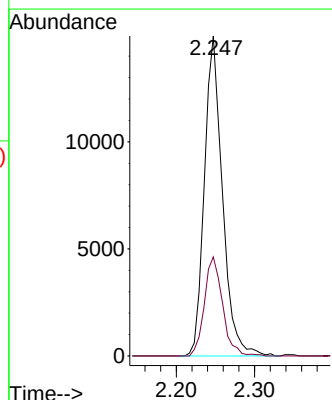
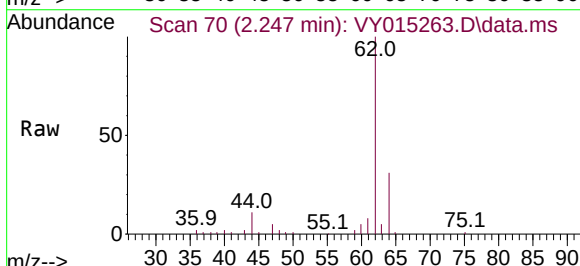
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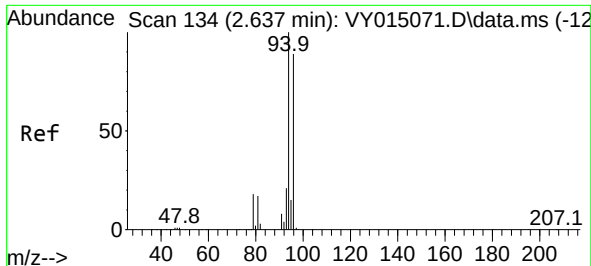
Tgt Ion: 62 Resp: 23913

Ion Ratio Lower Upper

62 100

64 30.9 24.3 36.5

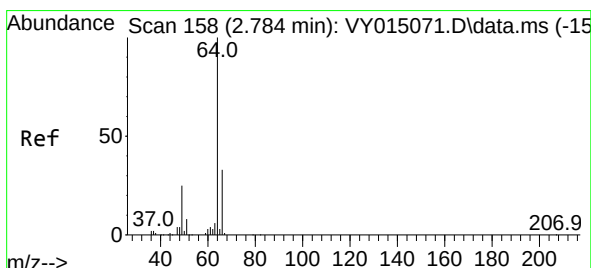
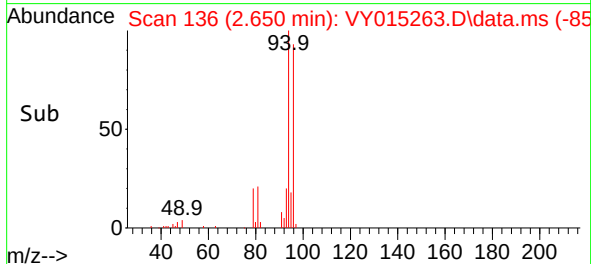
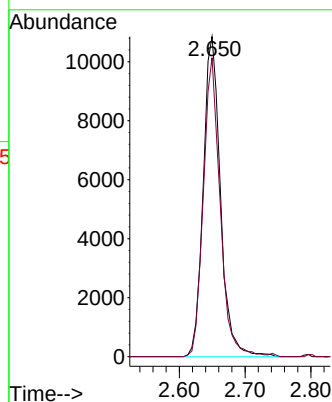
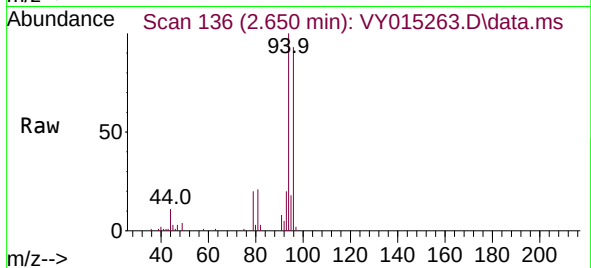




#5
Bromomethane
Concen: 19.881 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.013 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

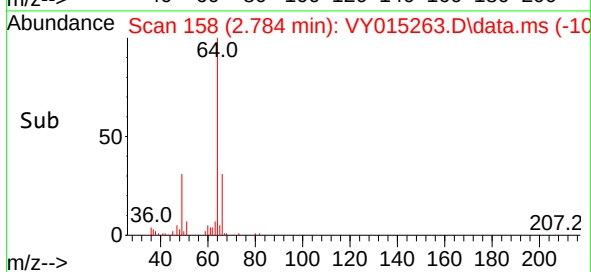
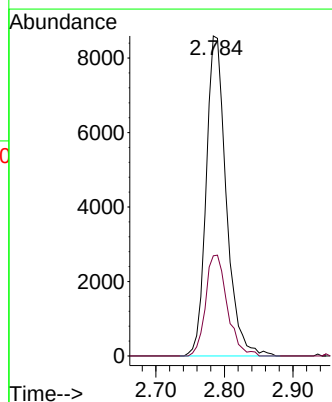
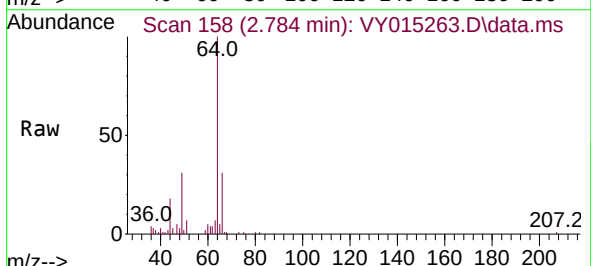
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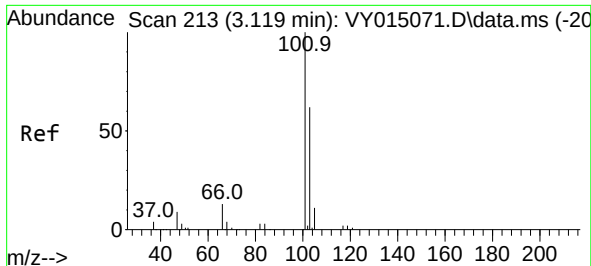
Tgt Ion: 94 Resp: 19745
Ion Ratio Lower Upper
94 100
96 93.5 75.8 113.6



#6
Chloroethane
Concen: 18.790 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 64 Resp: 17491
Ion Ratio Lower Upper
64 100
66 31.3 24.4 36.6

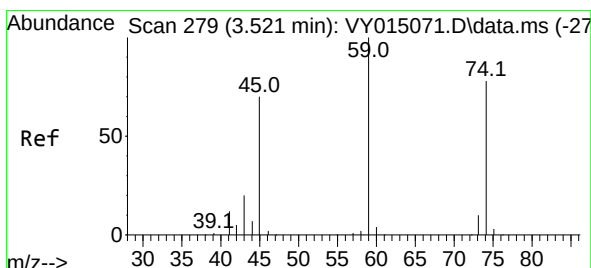
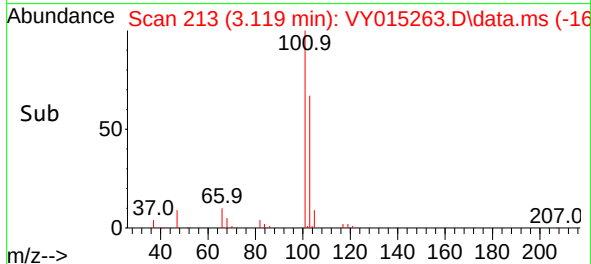
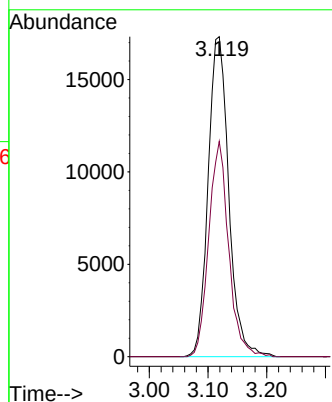
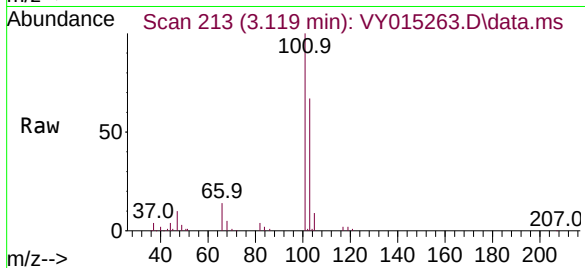




#7
 Trichlorofluoromethane
 Concen: 19.553 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.006 min
 Lab File: VY015263.D
 Acq: 22 Aug 2023 23:04

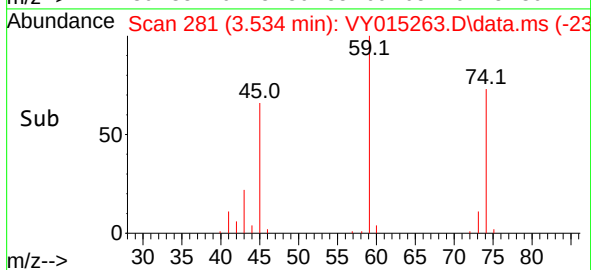
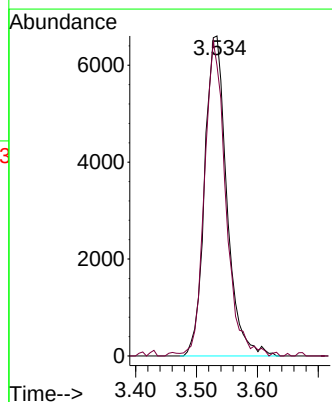
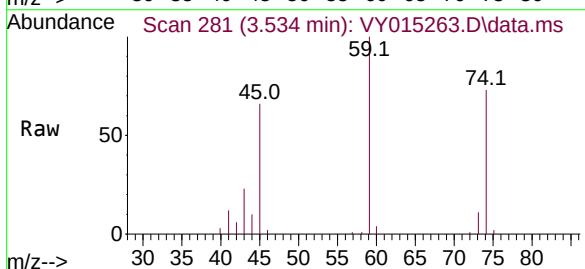
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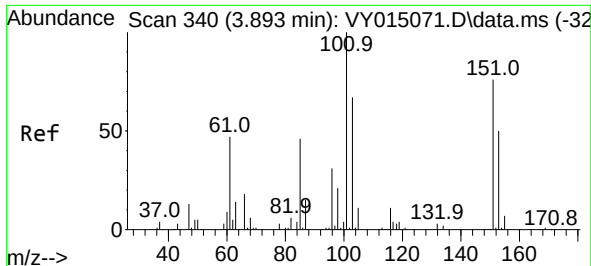
Tgt Ion:101 Resp: 42243
 Ion Ratio Lower Upper
 101 100
 103 67.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 19.711 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015263.D
 Acq: 22 Aug 2023 23:04

Tgt Ion: 74 Resp: 16701
 Ion Ratio Lower Upper
 74 100
 45 94.3 51.5 154.5

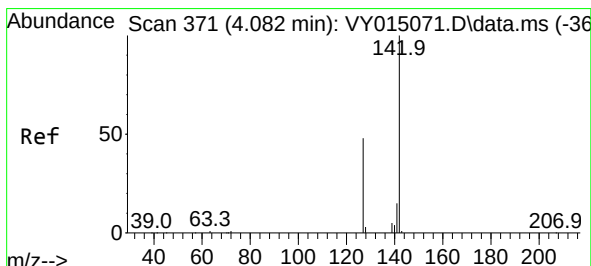
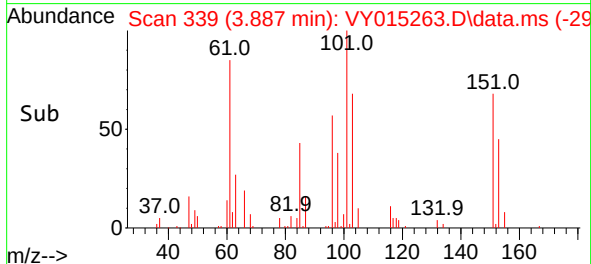
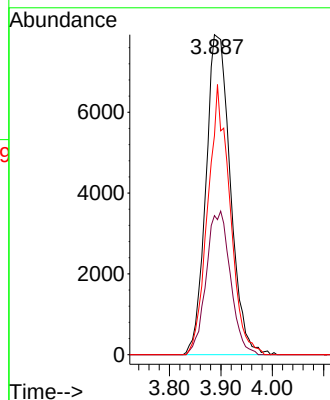
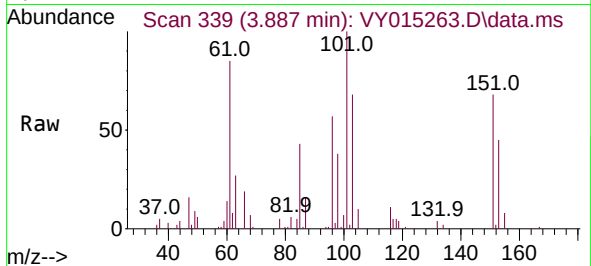




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.494 ug/l
RT: 3.887 min Scan# 31
Delta R.T. 0.000 min
Lab File: VY015263.D
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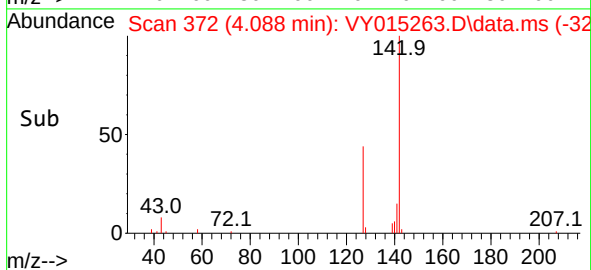
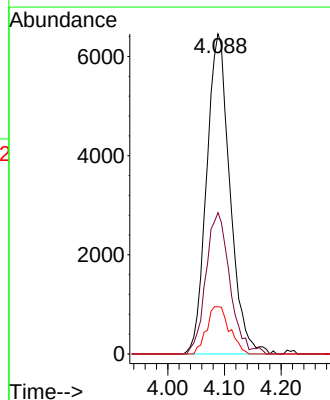
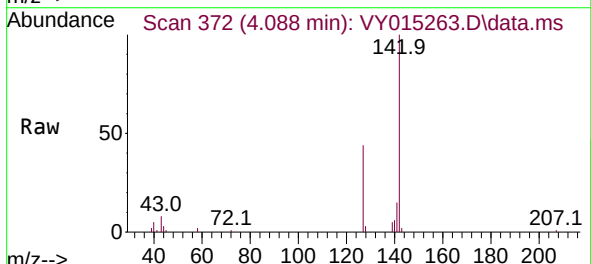
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ClientSampleId :
VY0822SBS02

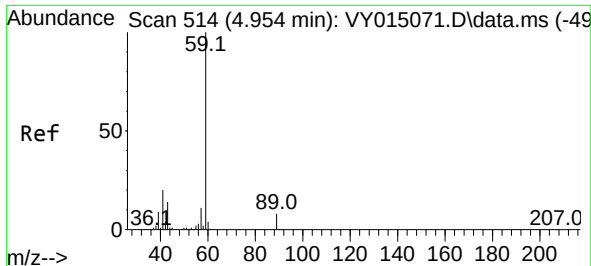
Tgt Ion:101 Resp: 26175
Ion Ratio Lower Upper
101 100
85 44.3 36.6 55.0
151 76.5 67.0 100.6



#10
Methyl Iodide
Concen: 14.007 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion:142 Resp: 18468
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.4 11.8 17.8

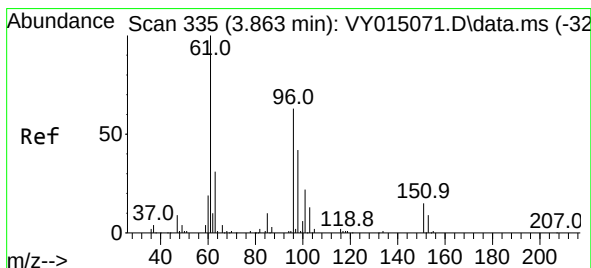
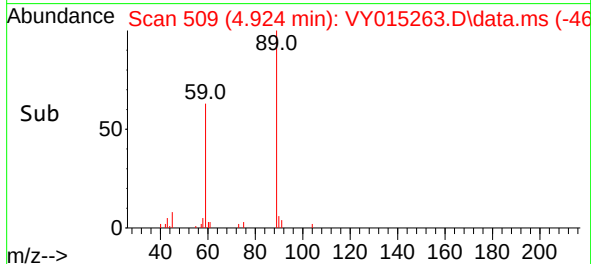
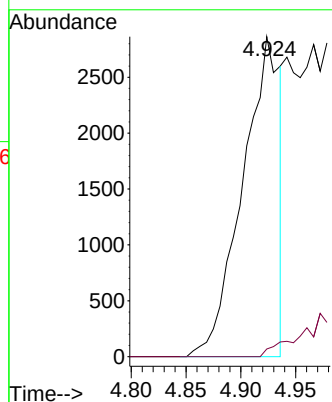
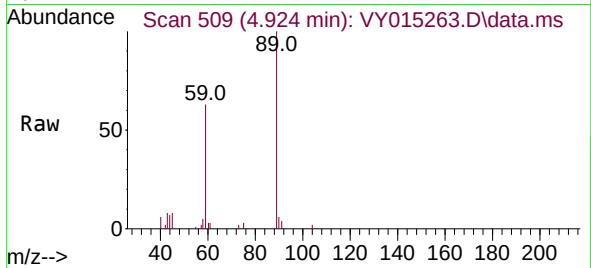




#11
Tert butyl alcohol
Concen: 5.523 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

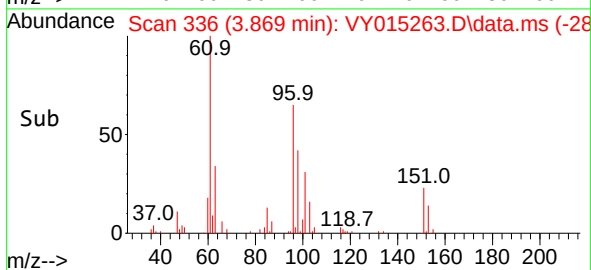
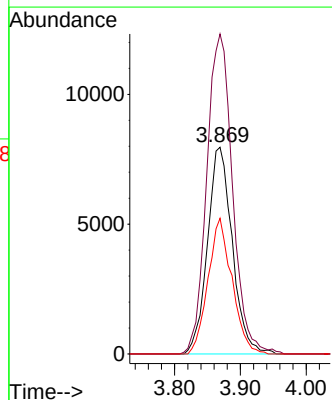
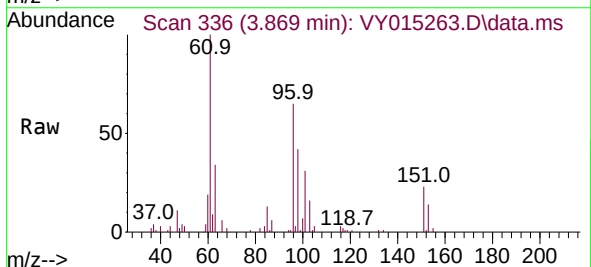
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

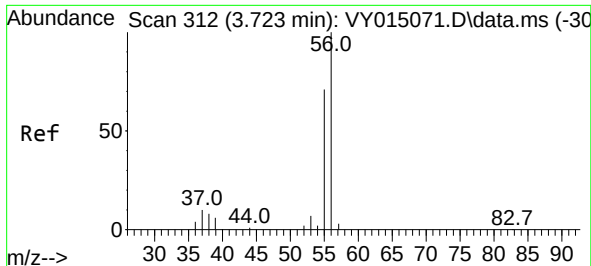
Tgt Ion: 59 Resp: 6804
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 18.665 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 96 Resp: 20927
Ion Ratio Lower Upper
96 100
61 154.8 136.4 204.6
98 65.6 49.4 74.2





#13

Acrolein

Concen: 90.151 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

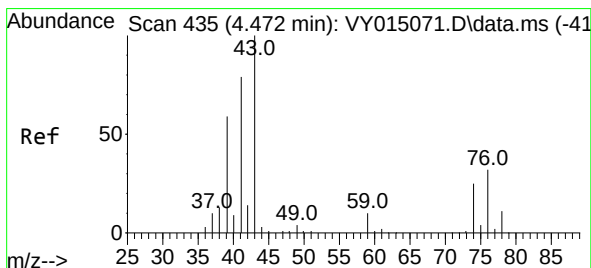
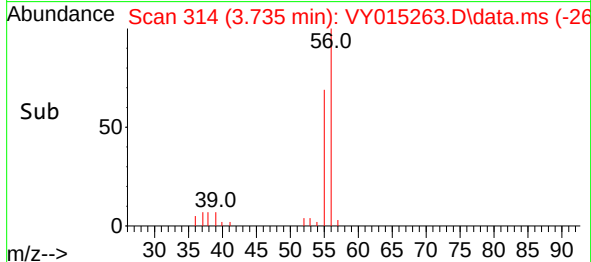
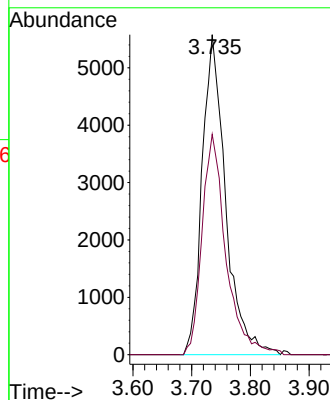
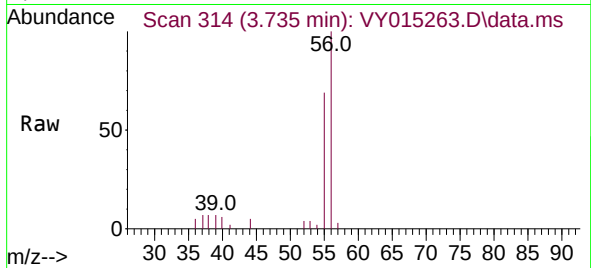
VY0822SBS02

Tgt Ion: 56 Resp: 15415

Ion Ratio Lower Upper

56 100

55 70.2 57.0 85.4



#14

Allyl chloride

Concen: 18.950 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

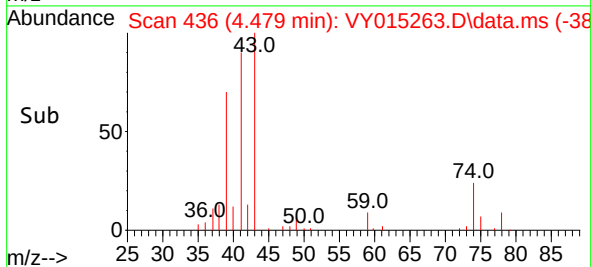
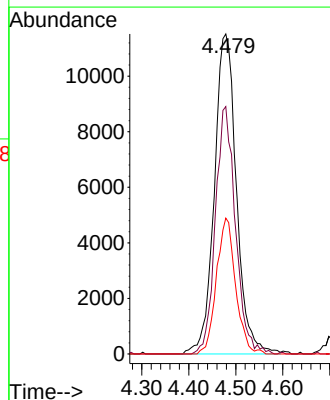
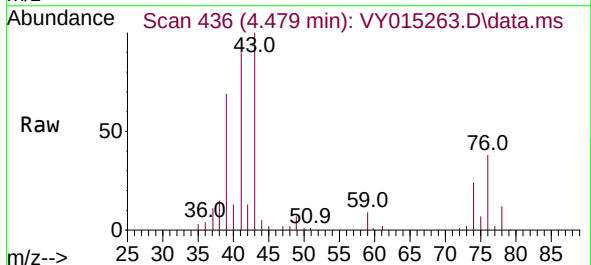
Tgt Ion: 41 Resp: 37670

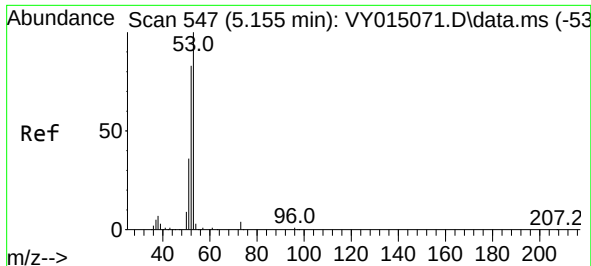
Ion Ratio Lower Upper

41 100

39 70.1 58.0 87.0

76 36.8 27.4 41.2

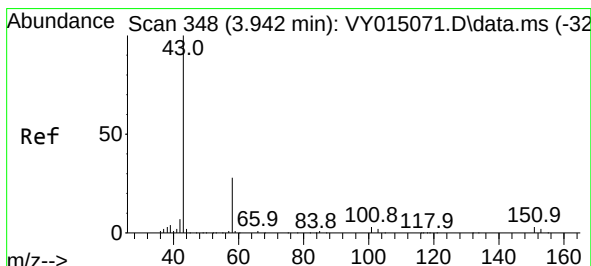
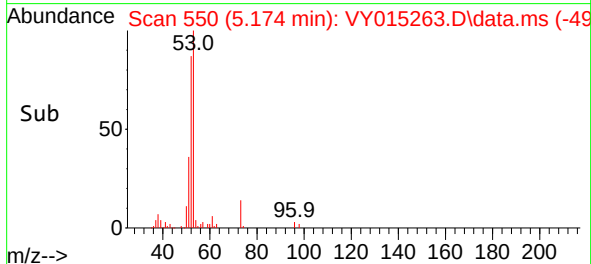
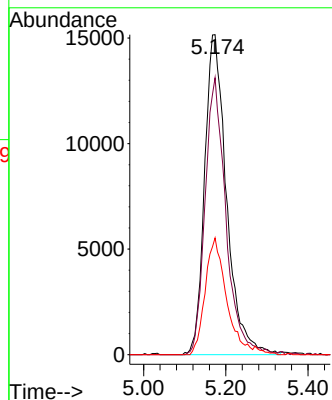
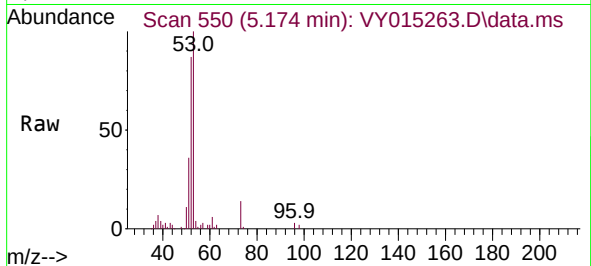




#15
Acrylonitrile
Concen: 97.709 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

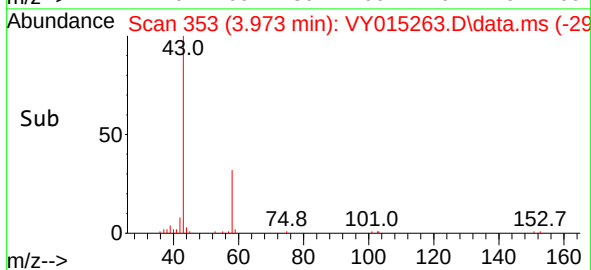
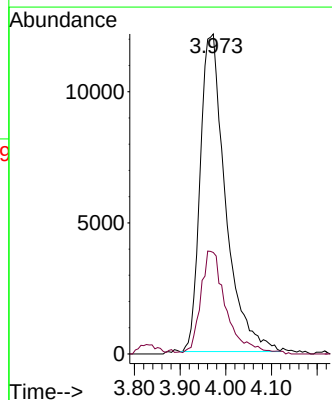
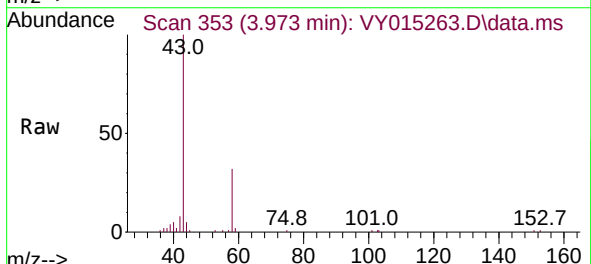
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

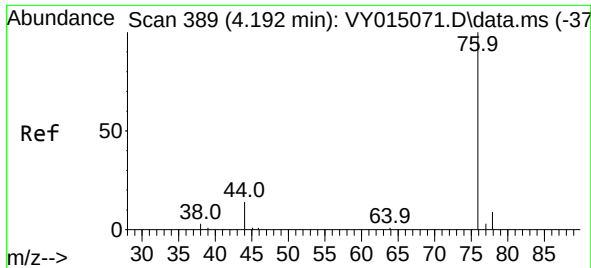
Tgt Ion: 53 Resp: 56105
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 35.3 29.8 44.6



#16
Acetone
Concen: 73.807 ug/l
RT: 3.973 min Scan# 353
Delta R.T. 0.031 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 43 Resp: 46637
Ion Ratio Lower Upper
43 100
58 31.3 22.7 34.1





#17

Carbon Disulfide

Concen: 15.431 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

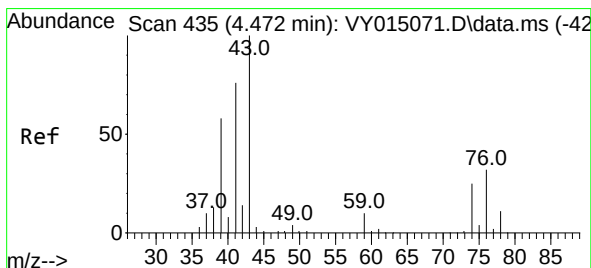
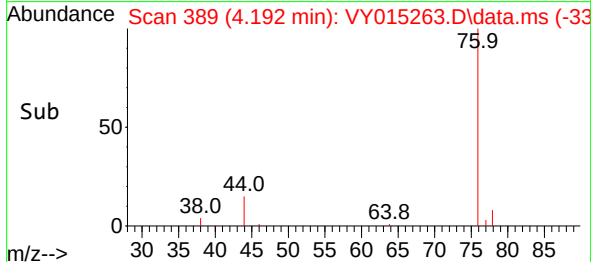
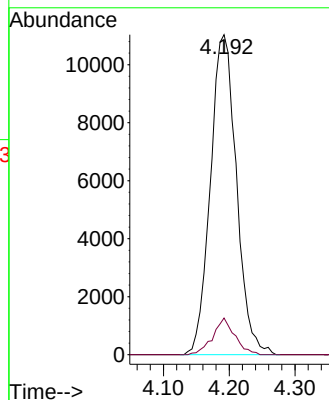
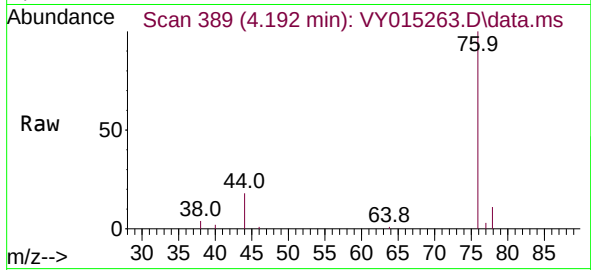
VY0822SBS02

Tgt Ion: 76 Resp: 30449

Ion Ratio Lower Upper

76 100

78 11.4 7.0 10.4#



#18

Methyl Acetate

Concen: 20.106 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.019 min

Lab File: VY015263.D

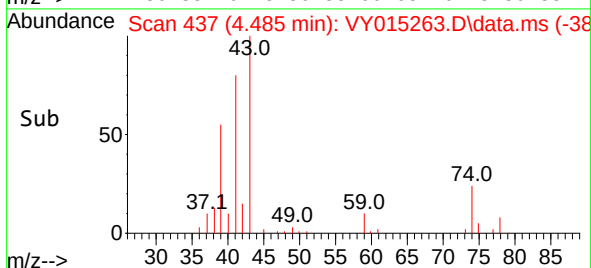
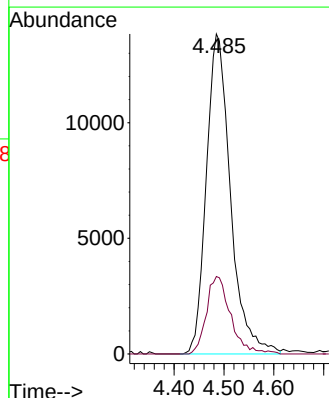
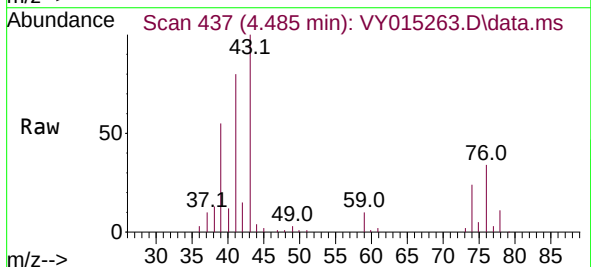
Acq: 22 Aug 2023 23:04

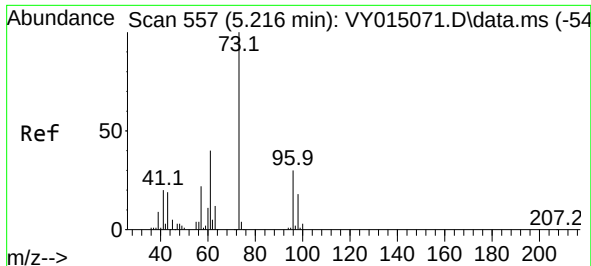
Tgt Ion: 43 Resp: 46557

Ion Ratio Lower Upper

43 100

74 24.2 17.4 26.0

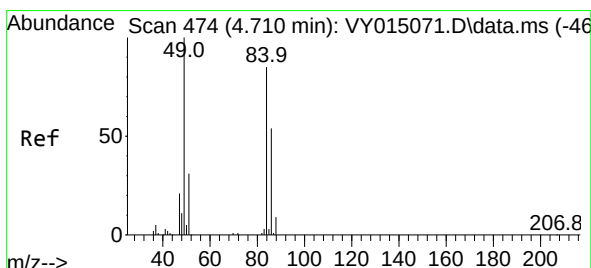
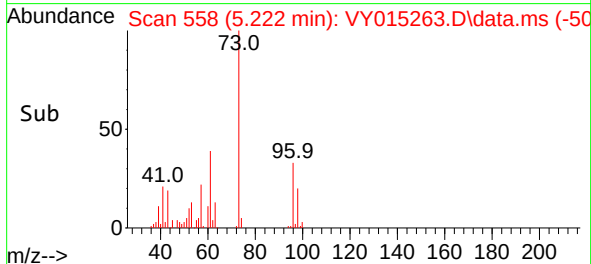
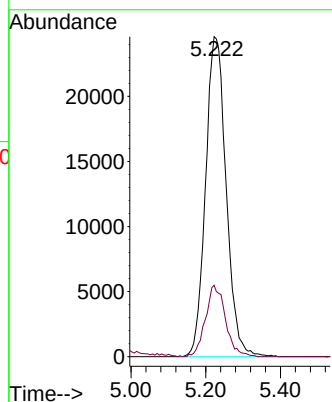
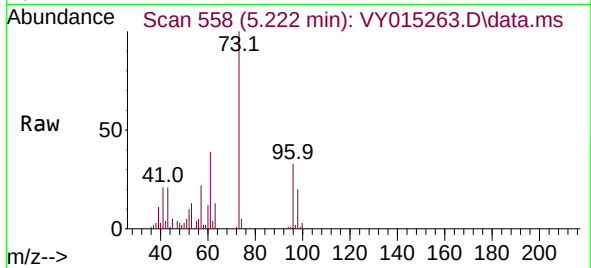




#19
Methyl tert-butyl Ether
Concen: 19.687 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

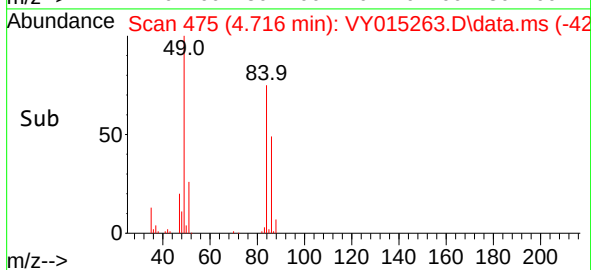
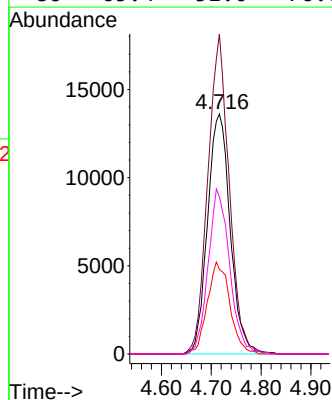
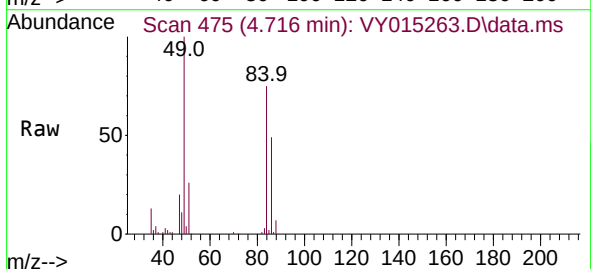
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

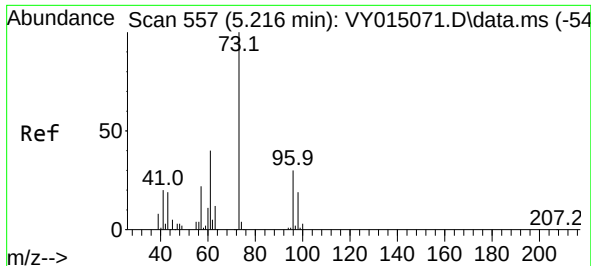
Tgt Ion: 73 Resp: 93856
Ion Ratio Lower Upper
73 100
57 22.3 17.3 25.9



#20
Methylene Chloride
Concen: 26.382 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 84 Resp: 43061
Ion Ratio Lower Upper
84 100
49 133.3 106.9 160.3
51 35.2 33.2 49.8
86 65.4 51.0 76.6

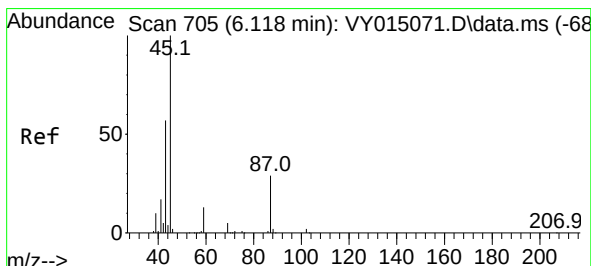
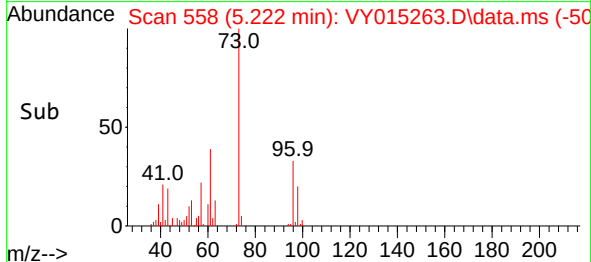
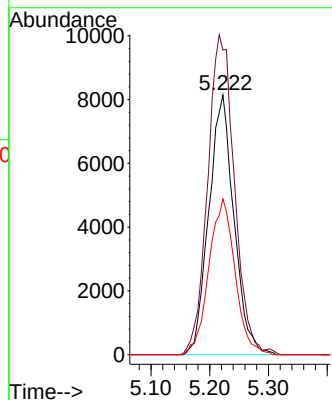
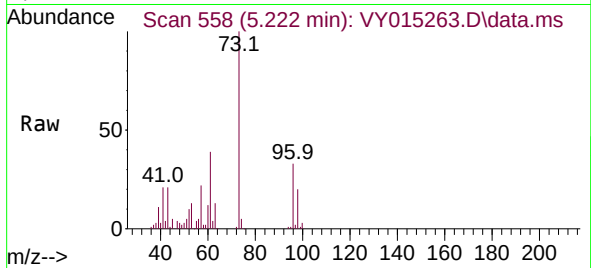




#21
trans-1,2-Dichloroethene
Concen: 19.155 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

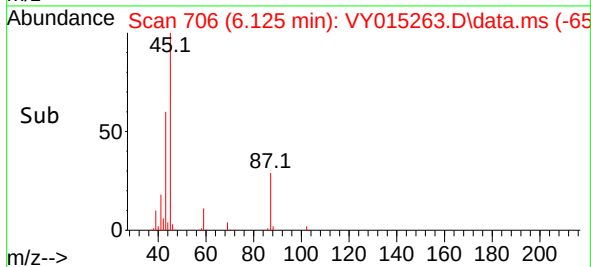
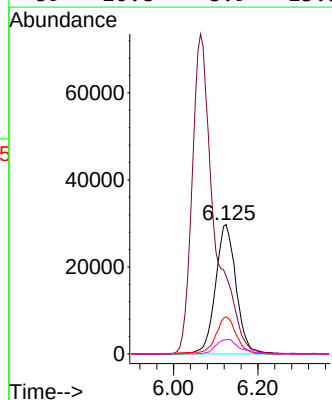
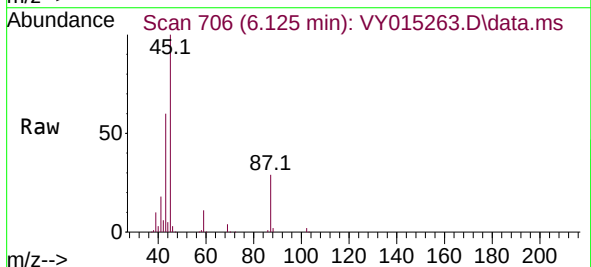
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

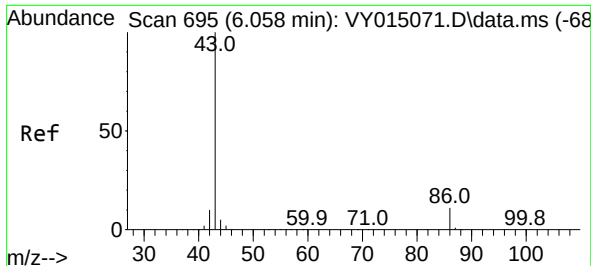
Tgt Ion: 96 Resp: 24225
Ion Ratio Lower Upper
96 100
61 117.4 110.2 165.4
98 60.0 51.8 77.6



#22
Diisopropyl ether
Concen: 20.323 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 45 Resp: 100806
Ion Ratio Lower Upper
45 100
43 59.6 52.2 78.4
87 28.7 21.0 31.6
59 10.8 8.9 13.3

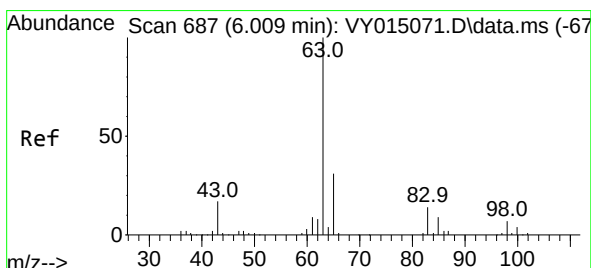
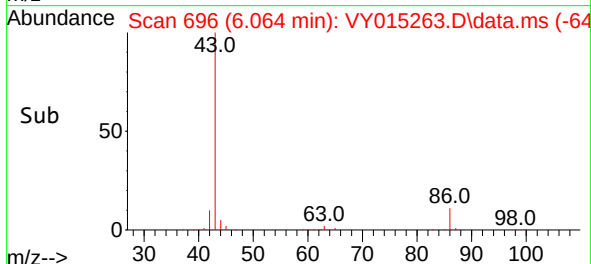
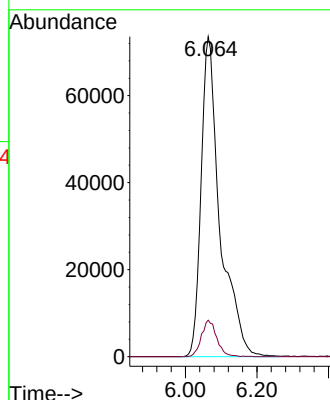
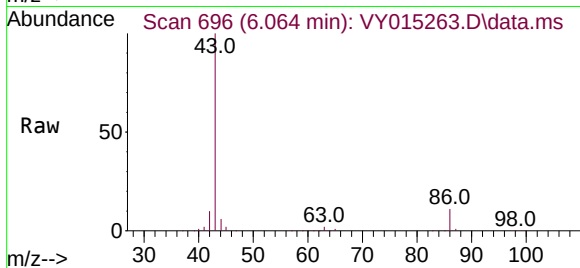




#23
 Vinyl Acetate
 Concen: 91.003 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.012 min
 Lab File: VY015263.D
 Acq: 22 Aug 2023 23:04

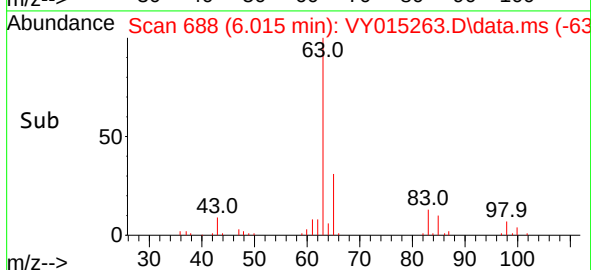
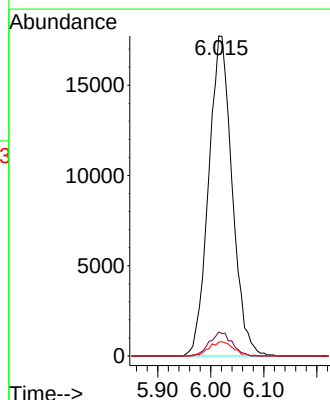
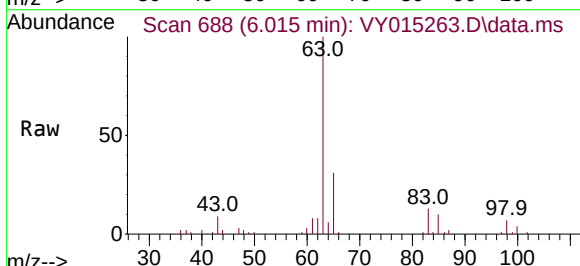
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS02

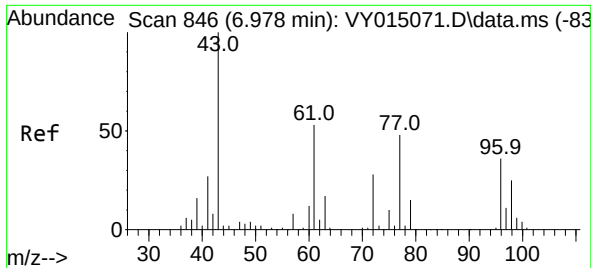
Tgt Ion: 43 Resp: 269344
 Ion Ratio Lower Upper
 43 100
 86 11.4 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.367 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.006 min
 Lab File: VY015263.D
 Acq: 22 Aug 2023 23:04

Tgt Ion: 63 Resp: 54694
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.1 9.4
 100 4.3 1.8 5.5

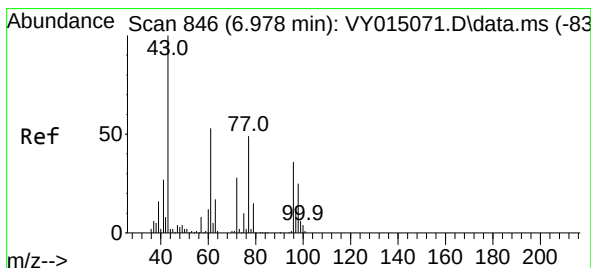
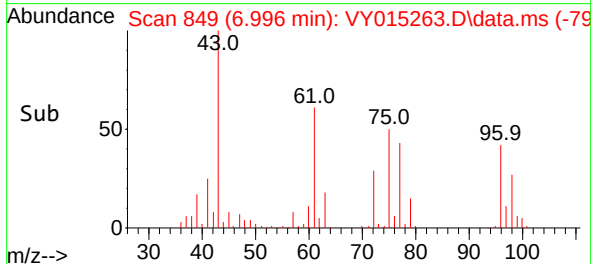
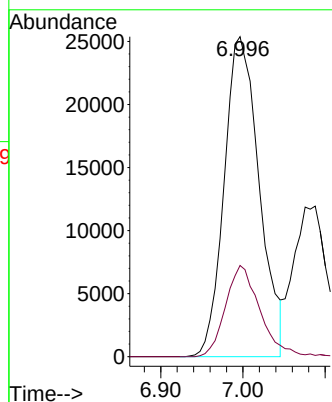
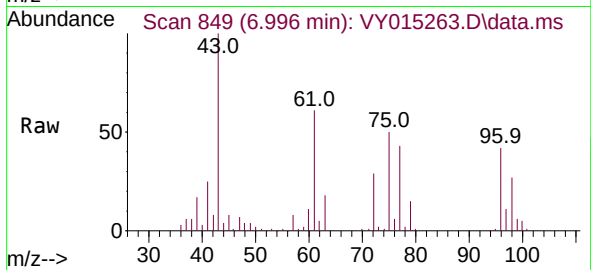




#25
2-Butanone
Concen: 84.202 ug/l
RT: 6.996 min Scan# 846
Delta R.T. 0.018 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

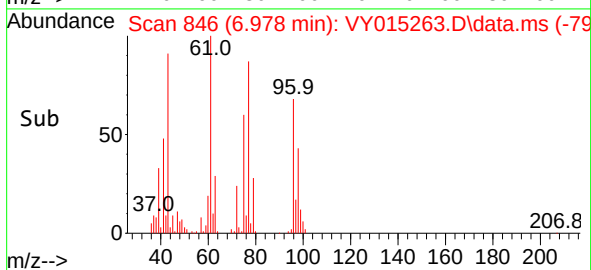
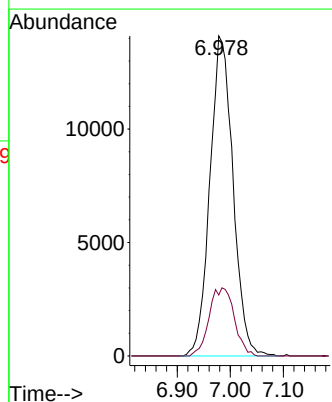
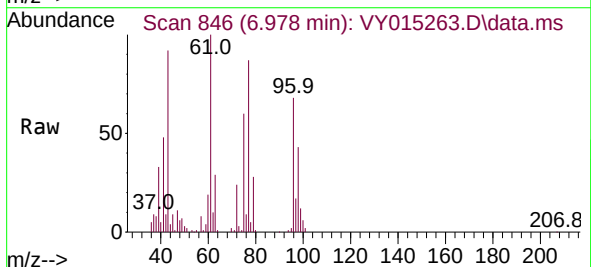
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

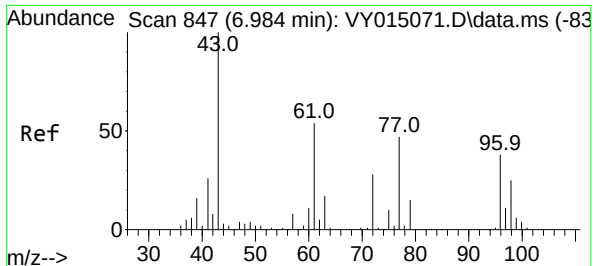
Tgt Ion: 43 Resp: 75333
Ion Ratio Lower Upper
43 100
72 28.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 16.452 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 77 Resp: 42592
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9

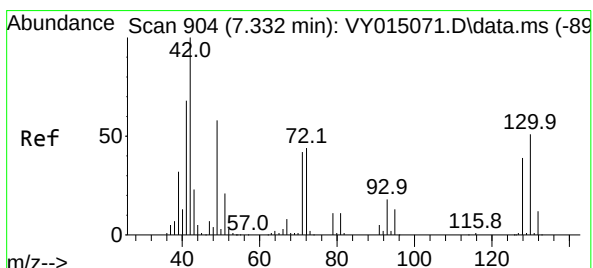
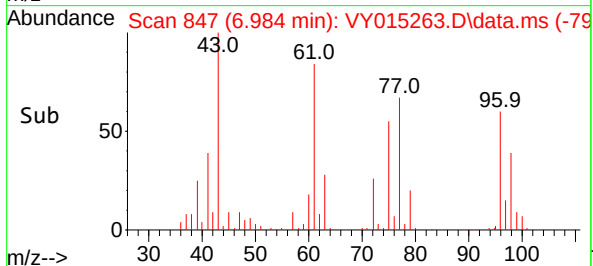
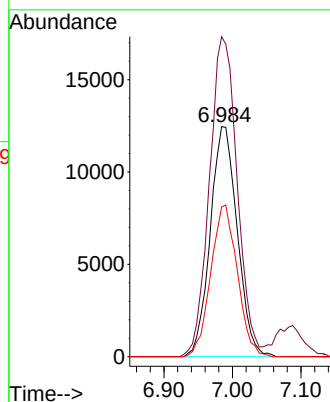
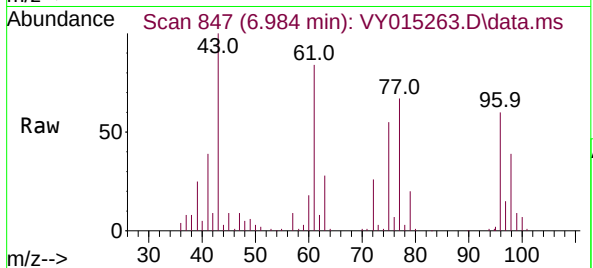




#27
 cis-1,2-Dichloroethene
 Concen: 19.748 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY015263.D
 Acq: 22 Aug 2023 23:04

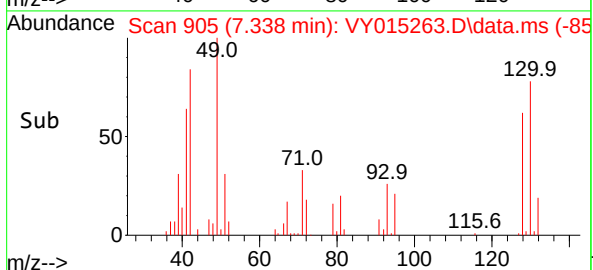
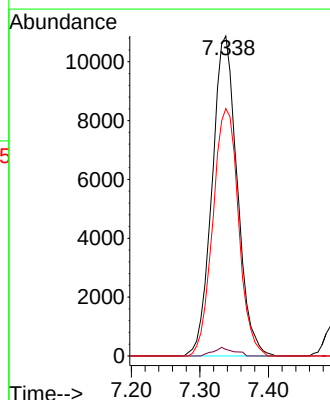
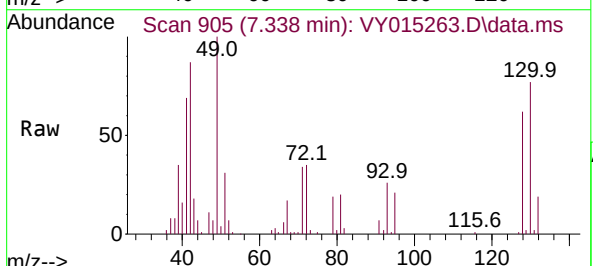
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0822SBS02

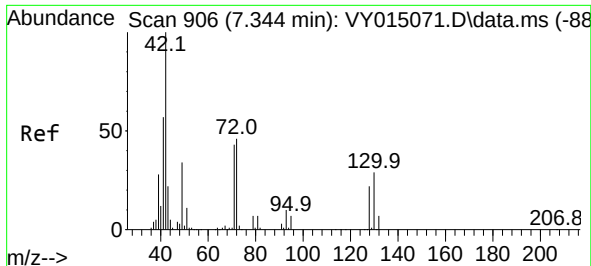
Tgt Ion:	96	Resp:	34116
Ion	Ratio	Lower	Upper
96	100		
61	143.2	0.0	301.4
98	64.8	0.0	130.4



#28
 Bromochloromethane
 Concen: 22.416 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.006 min
 Lab File: VY015263.D
 Acq: 22 Aug 2023 23:04

Tgt Ion:	49	Resp:	27656
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	78.9	60.7	91.1





#29

Tetrahydrofuran

Concen: 92.285 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

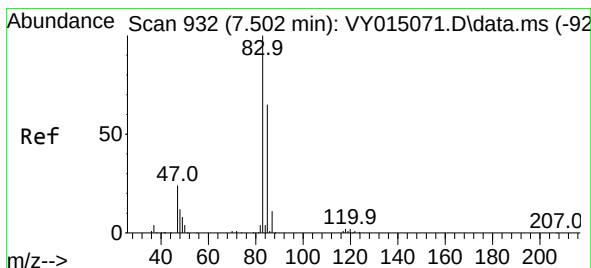
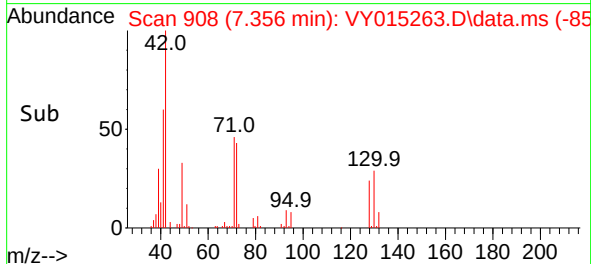
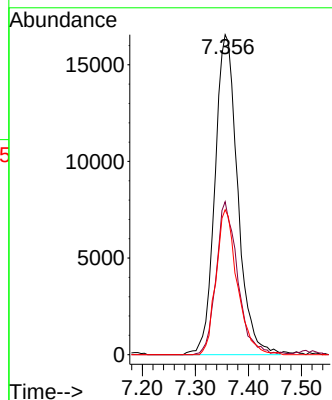
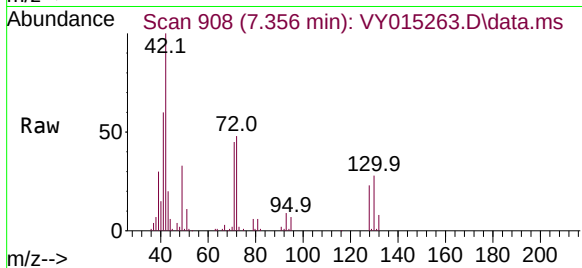
Tgt Ion: 42 Resp: 49369

Ion Ratio Lower Upper

42 100

72 45.0 32.8 49.2

71 42.3 31.0 46.4



#30

Chloroform

Concen: 20.559 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.007 min

Lab File: VY015263.D

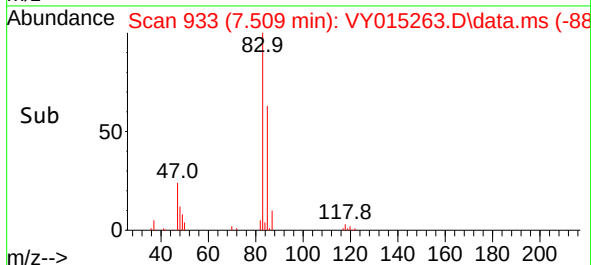
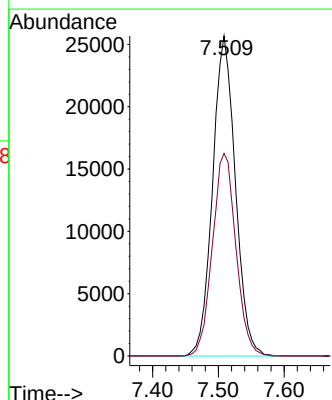
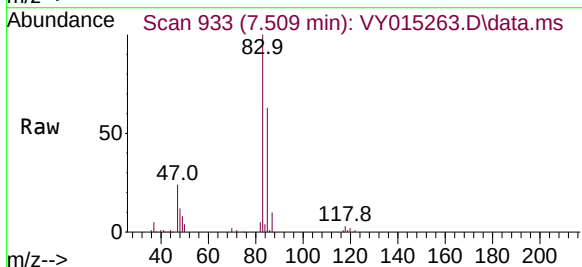
Acq: 22 Aug 2023 23:04

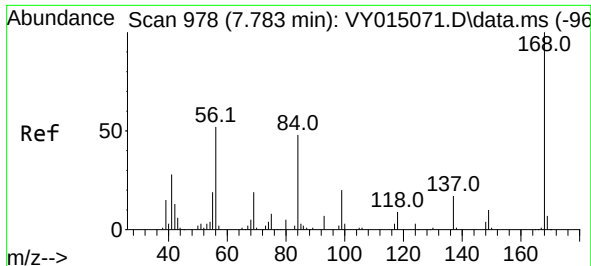
Tgt Ion: 83 Resp: 61890

Ion Ratio Lower Upper

83 100

85 63.3 49.7 74.5

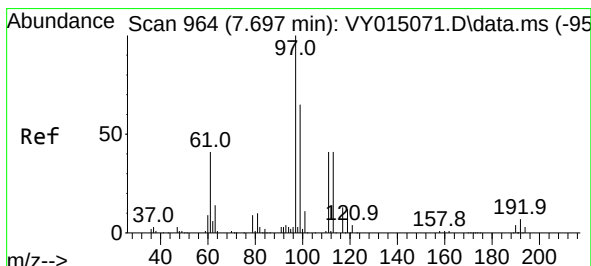
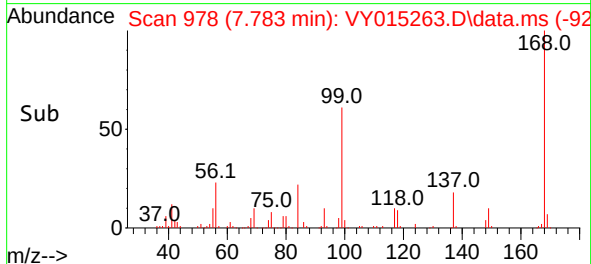
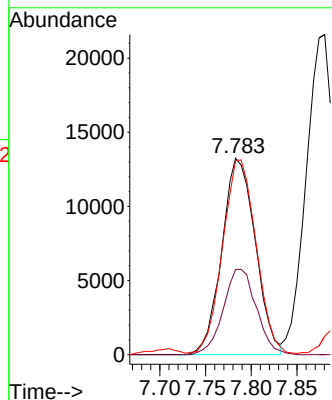
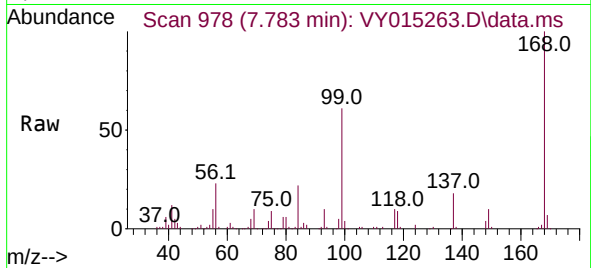




#31
Cyclohexane
Concen: 17.945 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

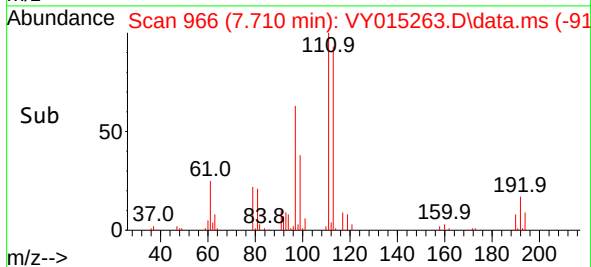
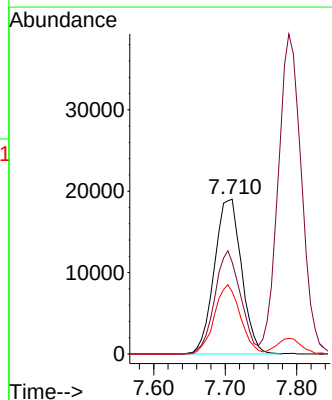
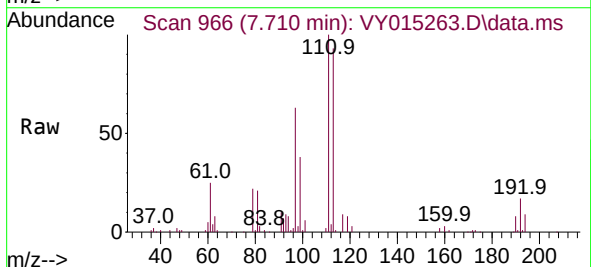
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

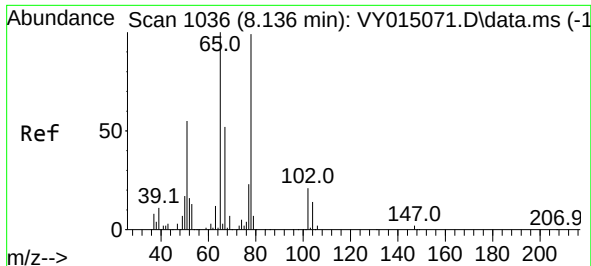
Tgt Ion: 56 Resp: 33832
Ion Ratio Lower Upper
56 100
69 43.3 27.8 41.6#
84 97.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.612 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.012 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 97 Resp: 50241
Ion Ratio Lower Upper
97 100
99 63.7 50.8 76.2
61 42.7 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.440 ug/l

RT: 8.143 min Scan# 1107

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

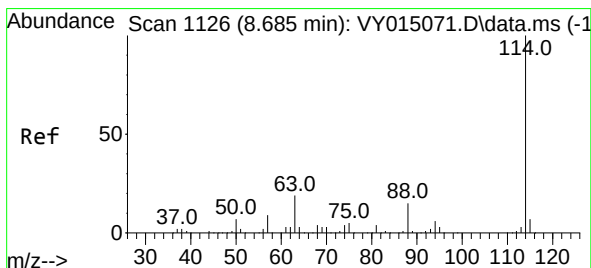
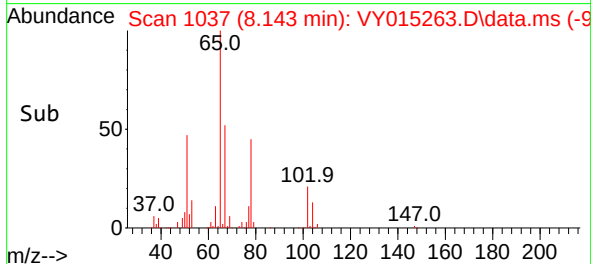
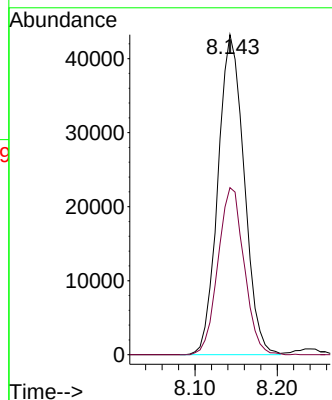
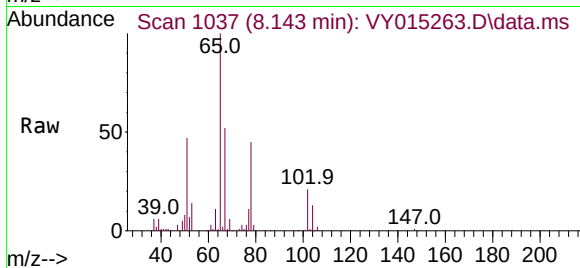
VY0822SBS02

Tgt Ion: 65 Resp: 95628

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

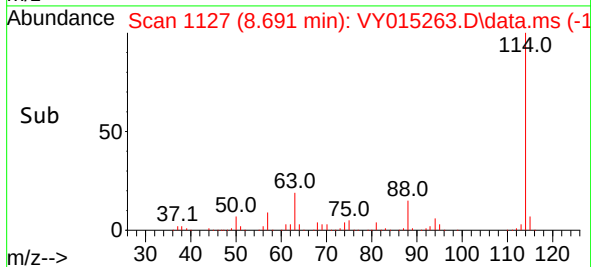
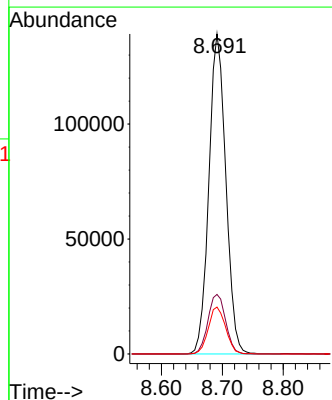
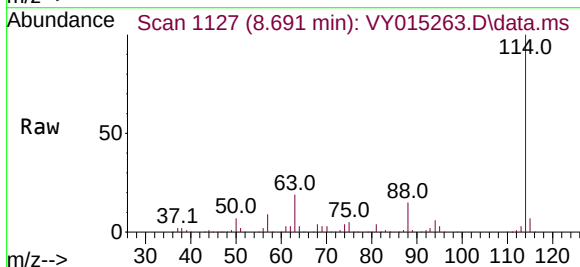
Tgt Ion: 114 Resp: 268730

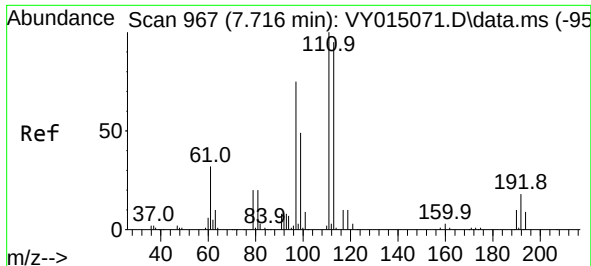
Ion Ratio Lower Upper

114 100

63 18.6 0.0 42.4

88 14.6 0.0 30.6

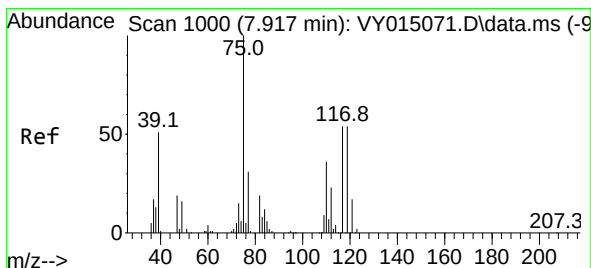
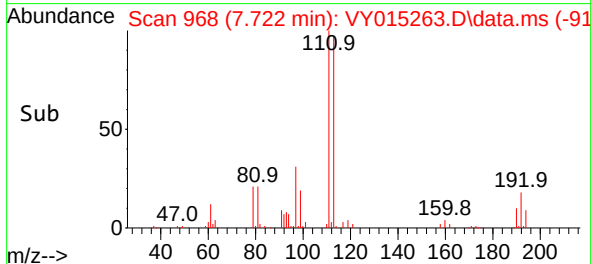
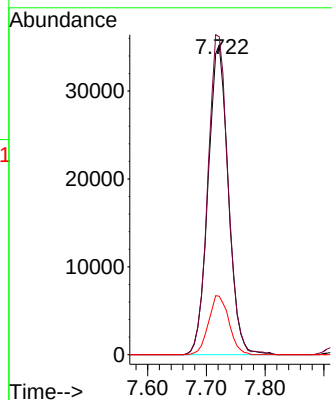
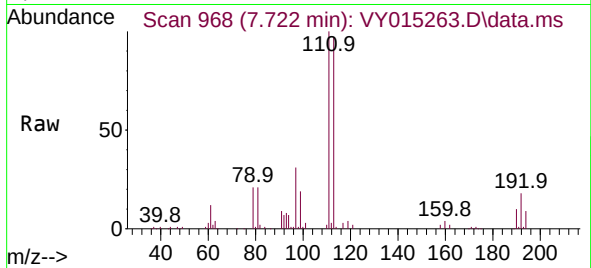




#35
Dibromofluoromethane
Concen: 48.808 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

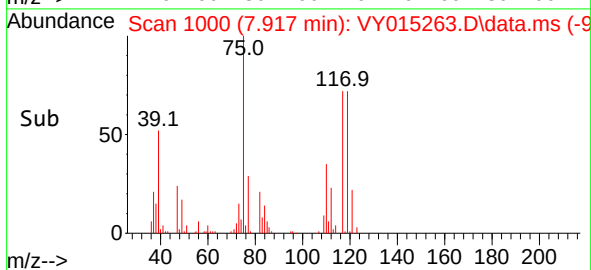
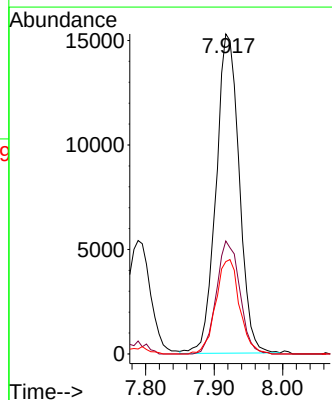
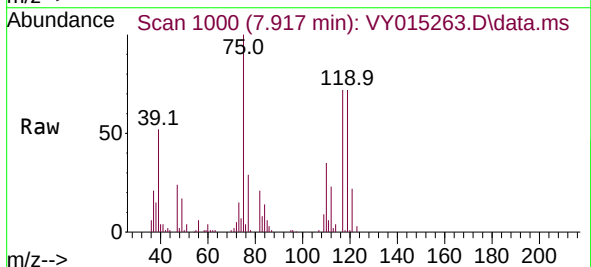
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

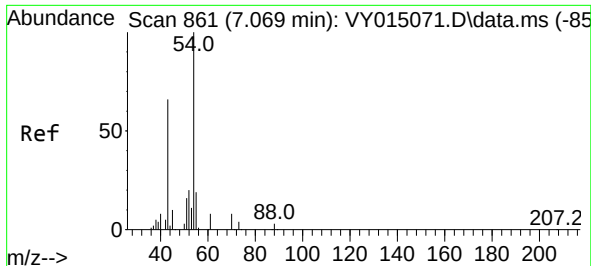
Tgt Ion:113 Resp: 84380
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 19.2 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.721 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 75 Resp: 35807
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 20.062 ug/l

RT: 7.088 min Scan# 861

Delta R.T. 0.018 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

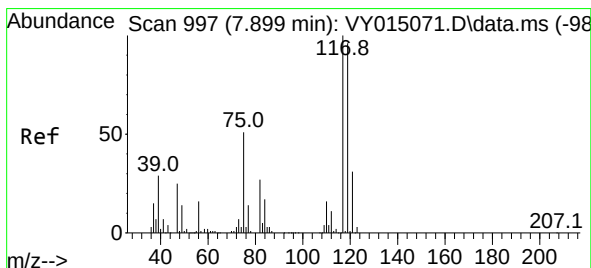
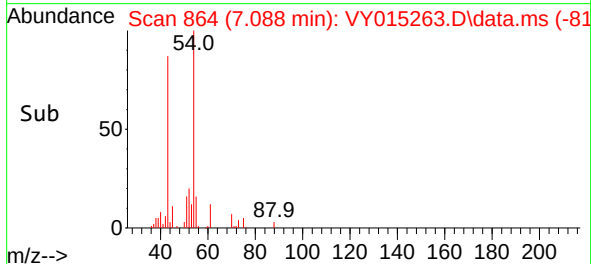
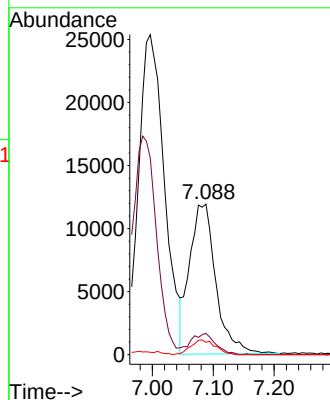
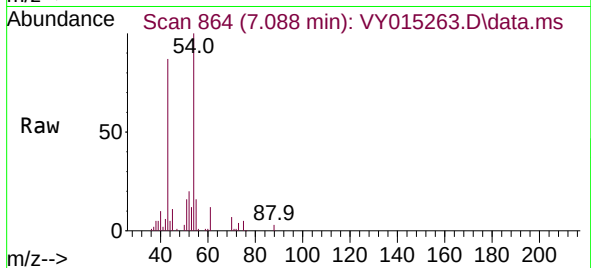
Tgt Ion: 43 Resp: 35766

Ion Ratio Lower Upper

43 100

61 13.4 10.1 15.1

70 9.2 7.1 10.7



#38

Carbon Tetrachloride

Concen: 18.343 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

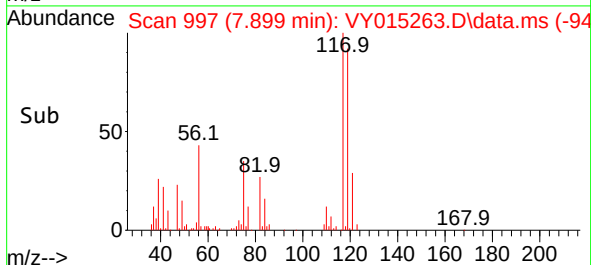
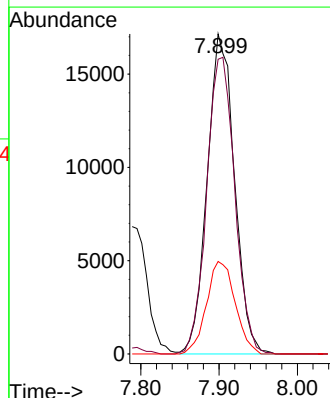
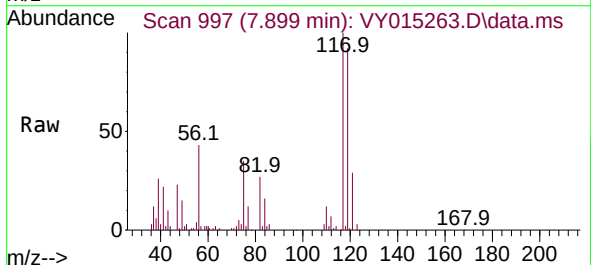
Tgt Ion: 117 Resp: 41520

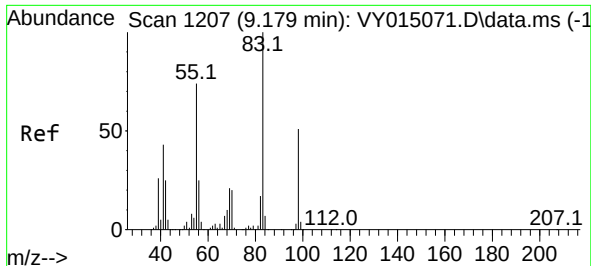
Ion Ratio Lower Upper

117 100

119 92.1 76.4 114.6

121 28.9 25.8 38.6





#39

Methylcyclohexane

Concen: 17.276 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

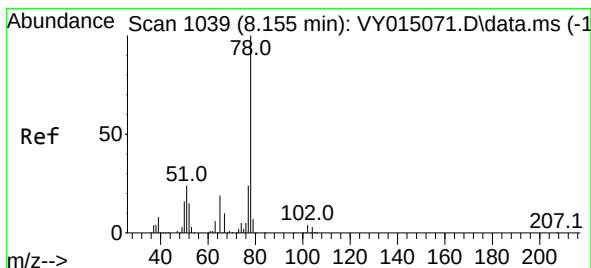
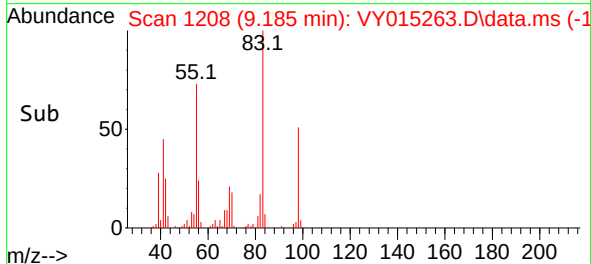
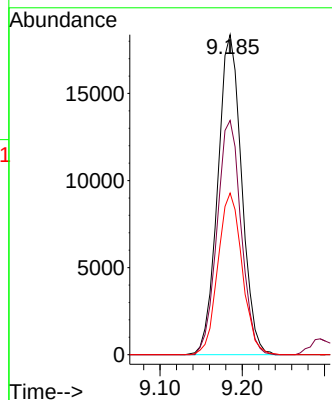
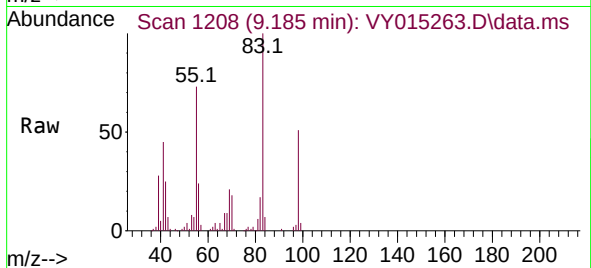
Tgt Ion: 83 Resp: 37042

Ion Ratio Lower Upper

83 100

55 73.2 63.0 94.4

98 50.5 37.4 56.2



#40

Benzene

Concen: 19.659 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.012 min

Lab File: VY015263.D

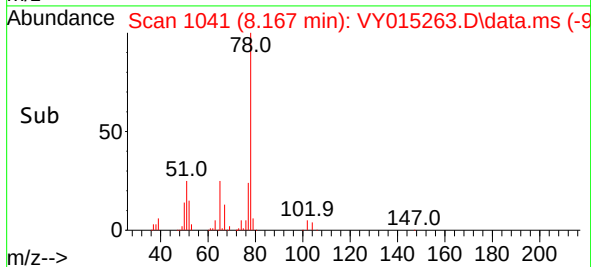
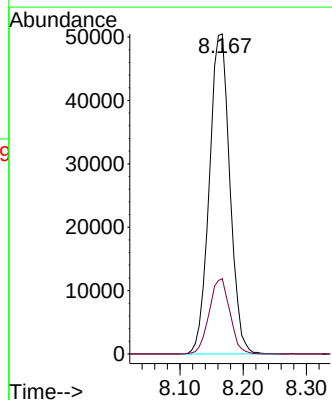
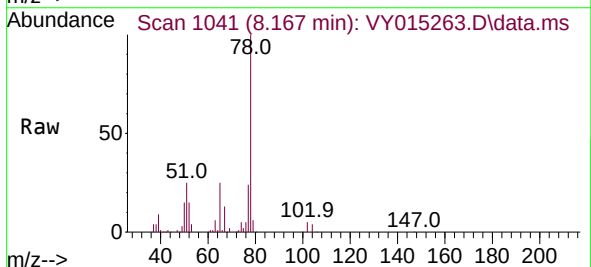
Acq: 22 Aug 2023 23:04

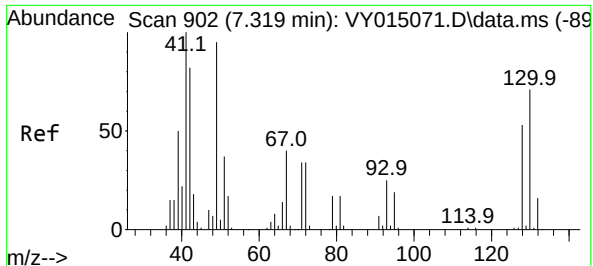
Tgt Ion: 78 Resp: 113680

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

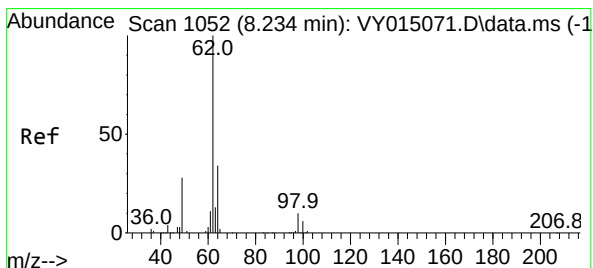
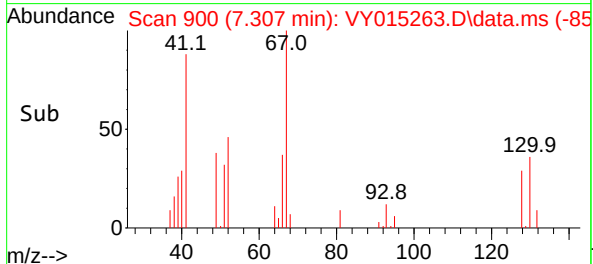
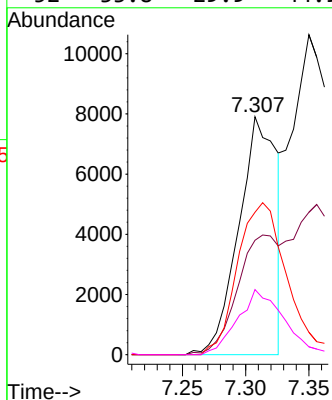
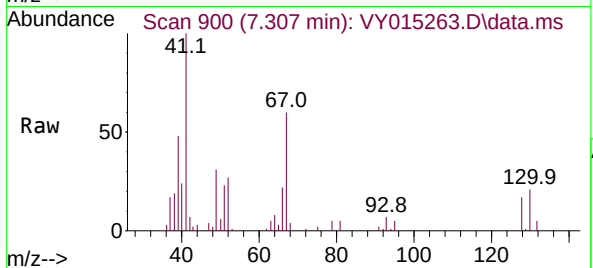




#41
Methacrylonitrile
Concen: 17.967 ug/l
RT: 7.307 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

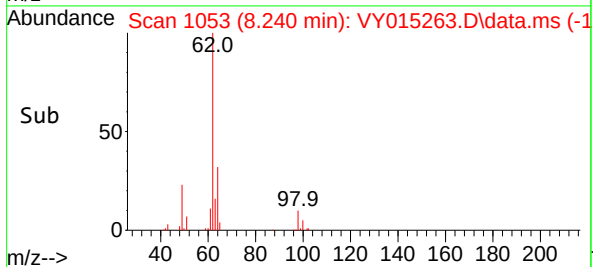
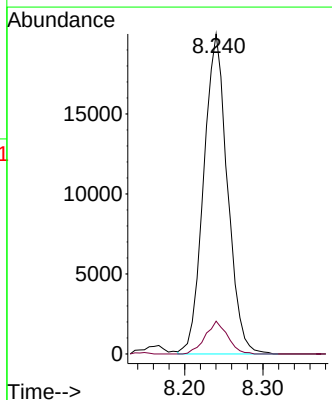
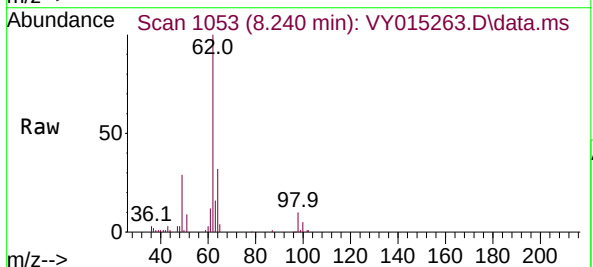
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

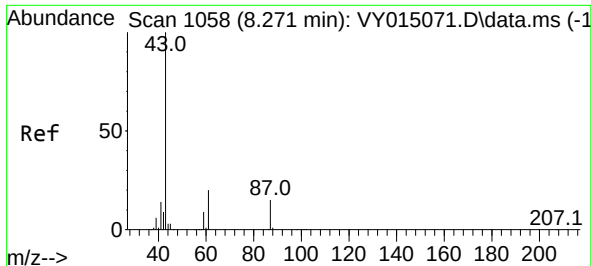
Tgt Ion:	41	Resp:	16517
Ion	Ratio	Lower	Upper
41	100		
39	54.0	52.1	78.1
67	82.7	66.2	99.2
52	33.8	29.9	44.9



#42
1,2-Dichloroethane
Concen: 20.059 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion:	62	Resp:	42125
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	15.8





#43

Isopropyl Acetate

Concen: 18.671 ug/l

RT: 8.277 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

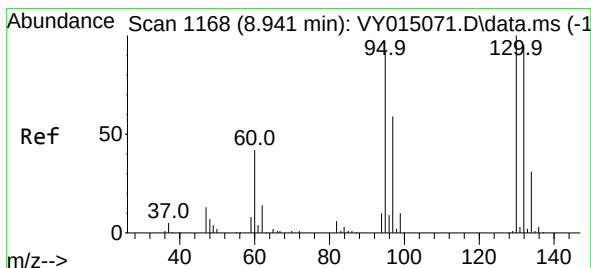
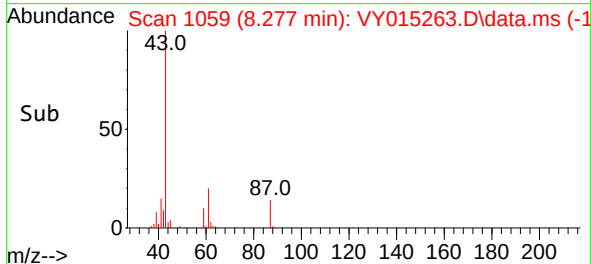
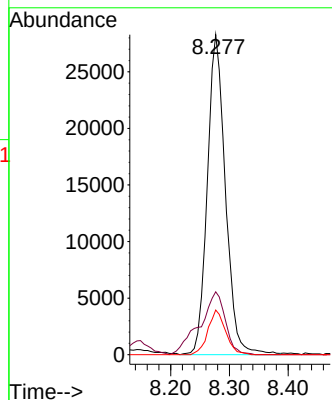
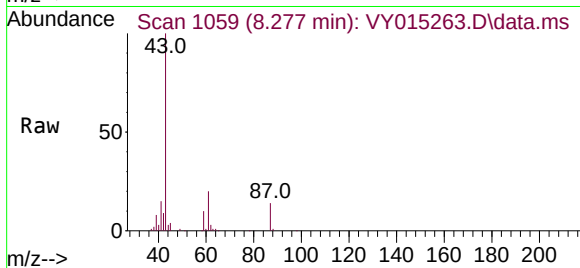
Tgt Ion: 43 Resp: 60617

Ion Ratio Lower Upper

43 100

61 27.7 21.1 31.7

87 13.6 9.8 14.8



#44

Trichloroethene

Concen: 19.669 ug/l

RT: 8.941 min Scan# 1168

Delta R.T. 0.006 min

Lab File: VY015263.D

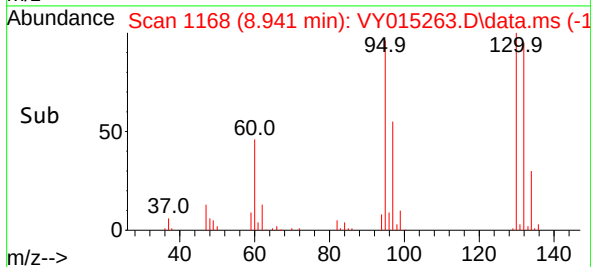
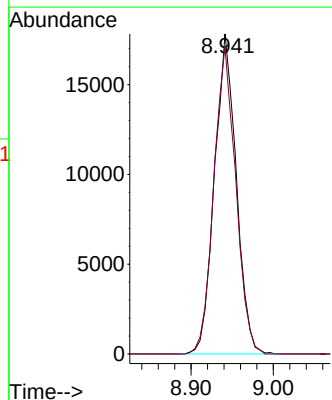
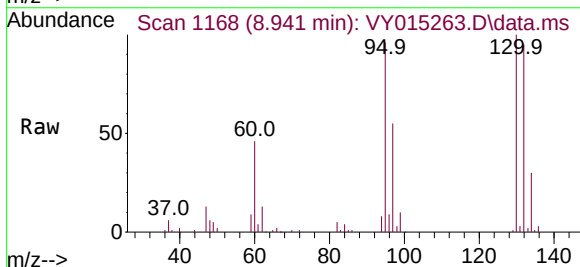
Acq: 22 Aug 2023 23:04

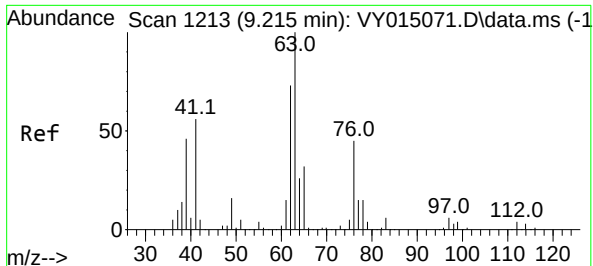
Tgt Ion:130 Resp: 32768

Ion Ratio Lower Upper

130 100

95 96.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.836 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

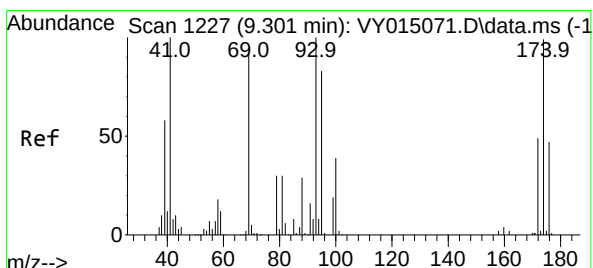
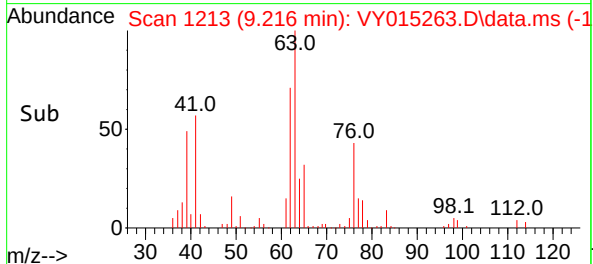
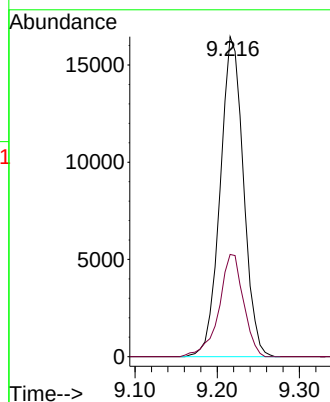
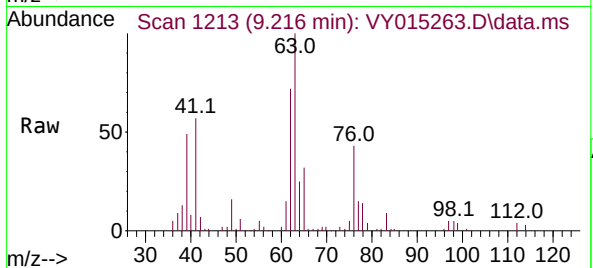
VY0822SBS02

Tgt Ion: 63 Resp: 32345

Ion Ratio Lower Upper

63 100

65 31.9 23.8 35.6



#46

Dibromomethane

Concen: 19.743 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

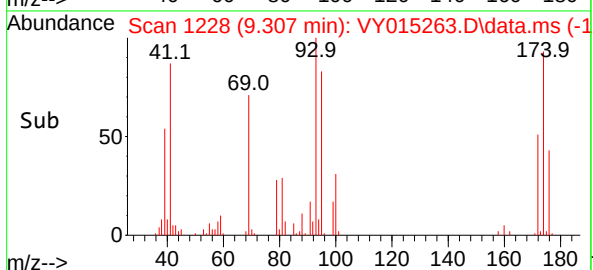
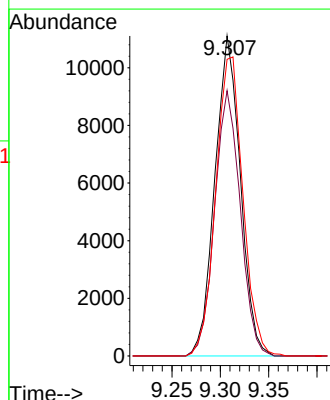
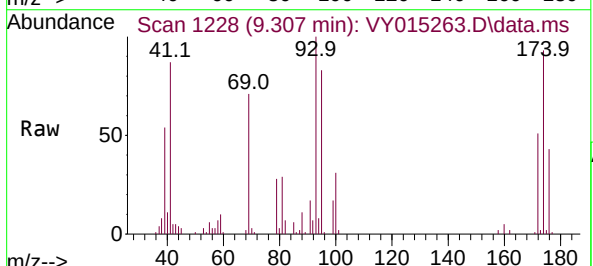
Tgt Ion: 93 Resp: 20304

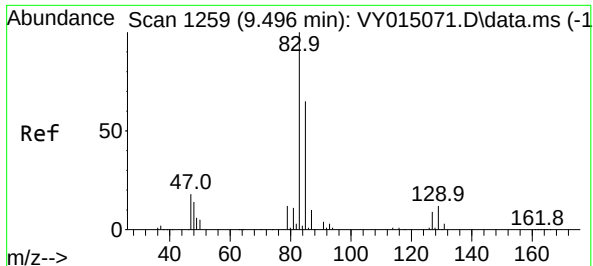
Ion Ratio Lower Upper

93 100

95 83.4 66.6 100.0

174 100.0 84.8 127.2





#47

Bromodichloromethane

Concen: 19.929 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

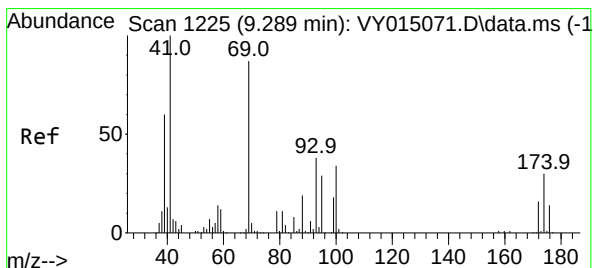
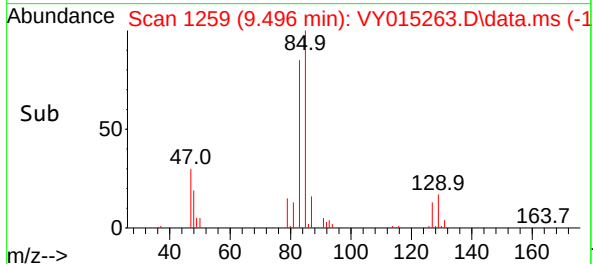
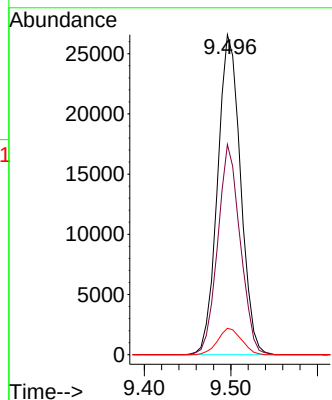
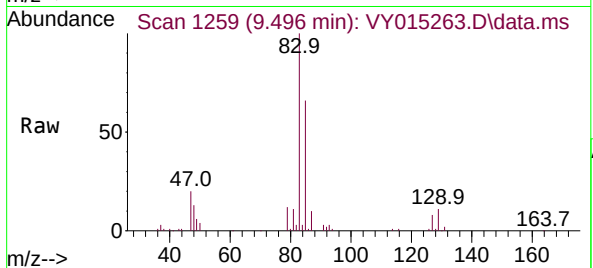
Tgt Ion: 83 Resp: 48908

Ion Ratio Lower Upper

83 100

85 65.7 50.1 75.1

127 8.2 7.1 10.7



#48

Methyl methacrylate

Concen: 18.763 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

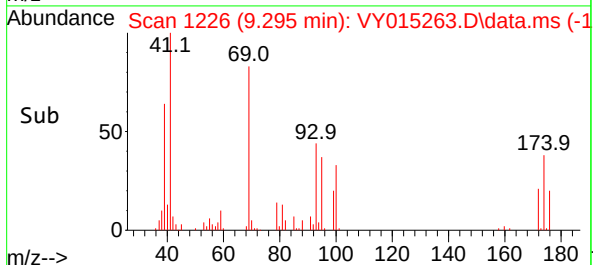
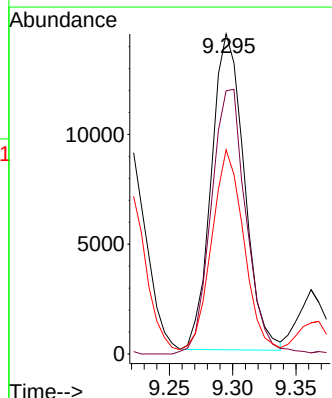
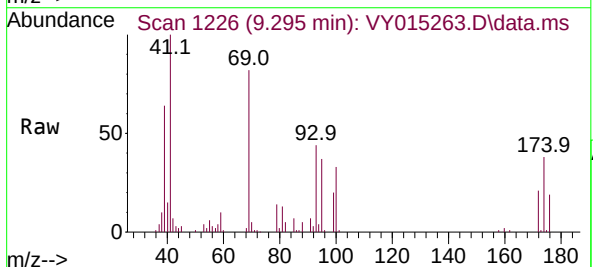
Tgt Ion: 41 Resp: 26058

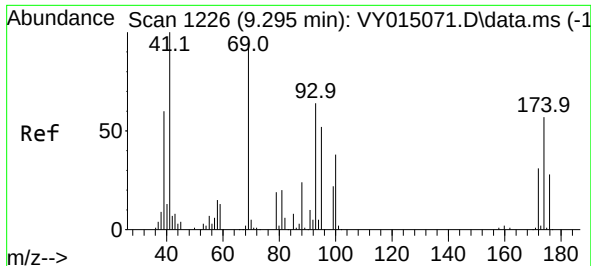
Ion Ratio Lower Upper

41 100

69 88.7 64.5 96.7

39 64.6 50.8 76.2





#49

1,4-Dioxane

Concen: 314.174 ug/l

RT: 9.325 min Scan# 1226

Delta R.T. 0.031 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

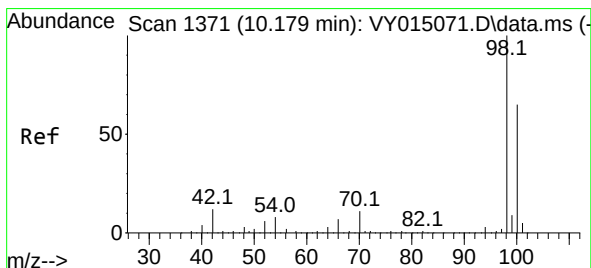
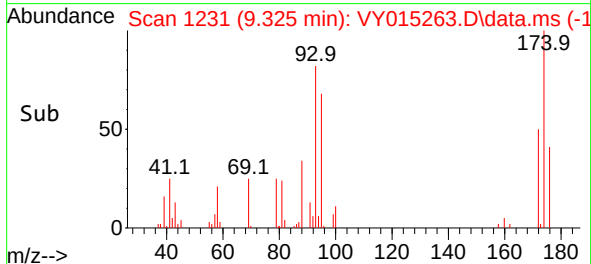
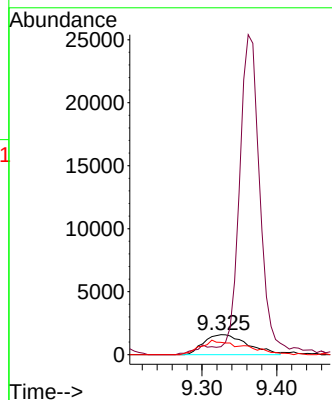
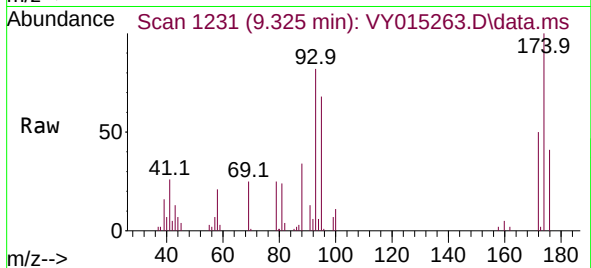
Tgt Ion: 88 Resp: 6461

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 72.7 30.9 46.3#



#50

Toluene-d8

Concen: 49.218 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015263.D

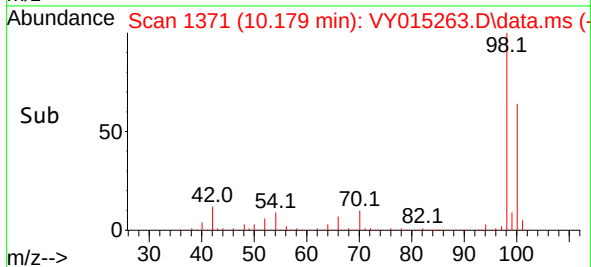
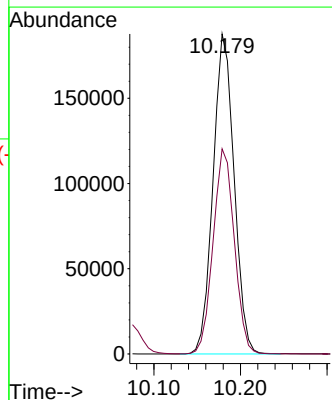
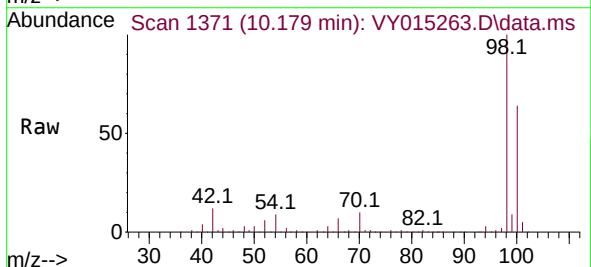
Acq: 22 Aug 2023 23:04

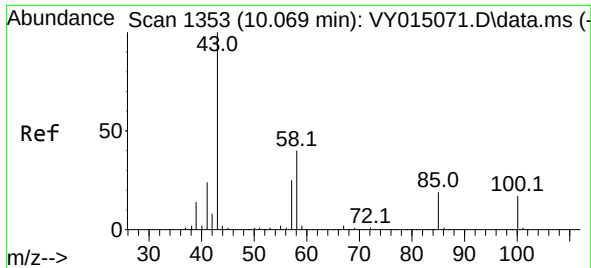
Tgt Ion: 98 Resp: 316750

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

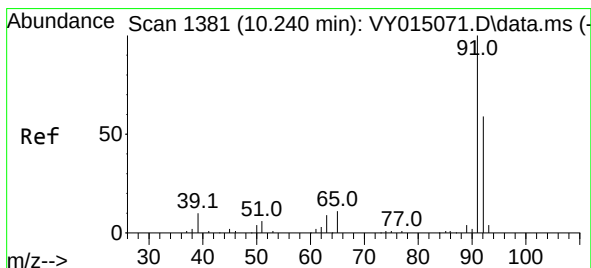
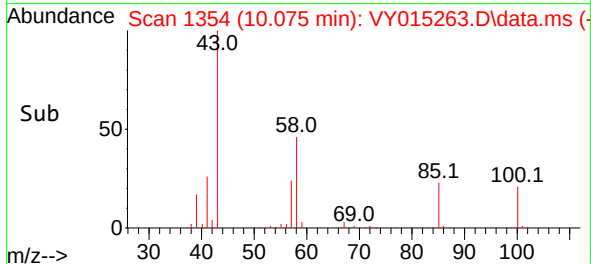
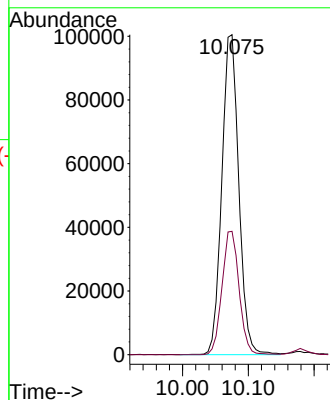
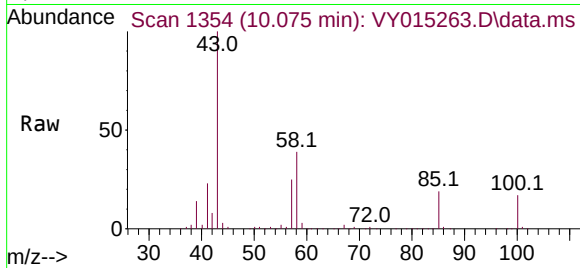




#51
4-Methyl-2-Pentanone
Concen: 95.991 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

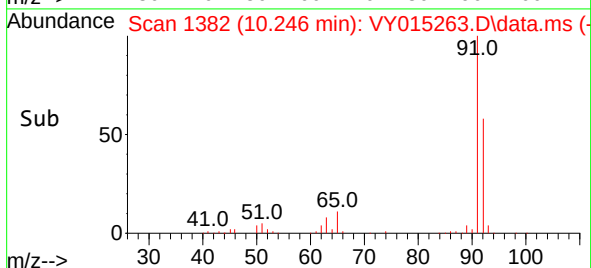
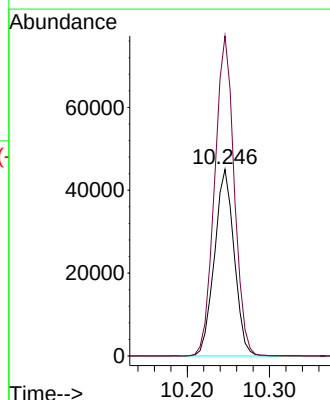
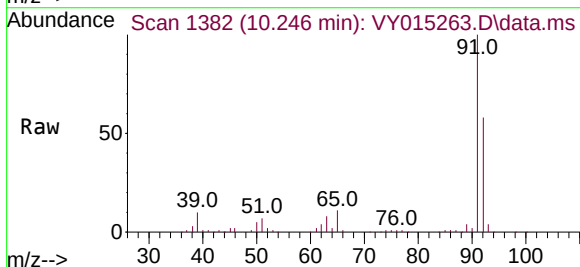
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

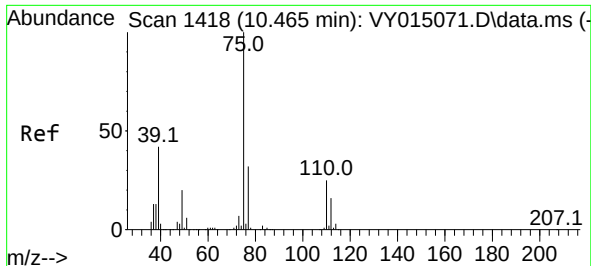
Tgt Ion: 43 Resp: 180616
Ion Ratio Lower Upper
43 100
58 38.8 29.0 43.6



#52
Toluene
Concen: 19.678 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 92 Resp: 74999
Ion Ratio Lower Upper
92 100
91 170.7 143.8 215.6

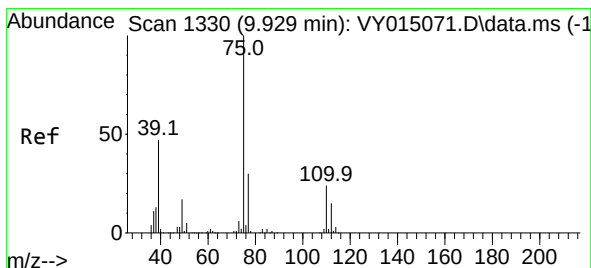
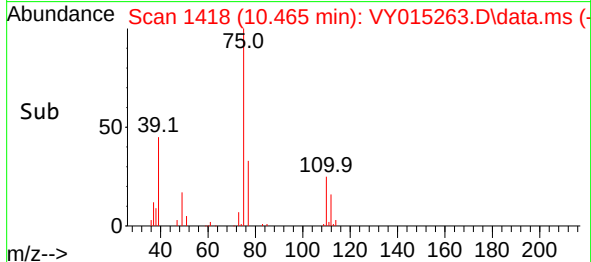
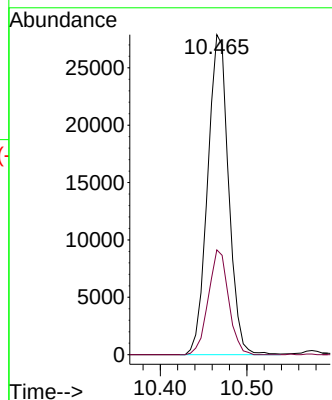
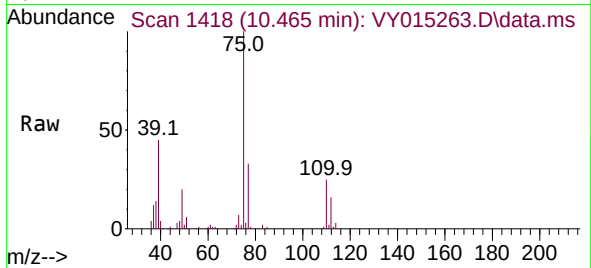




#53
t-1,3-Dichloropropene
Concen: 18.150 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

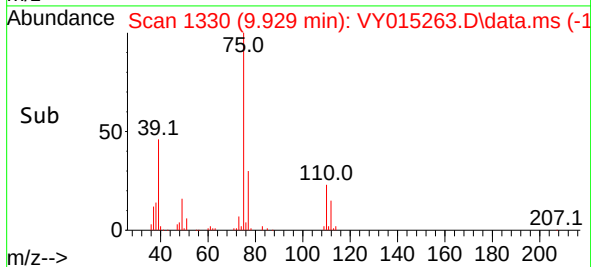
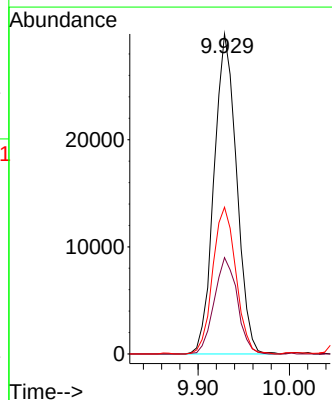
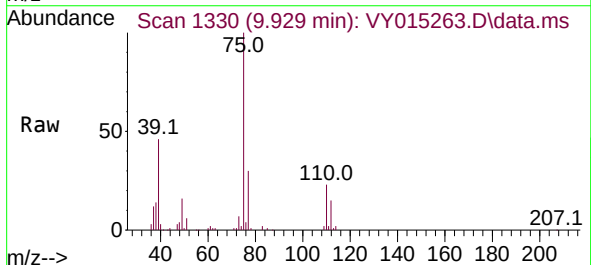
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

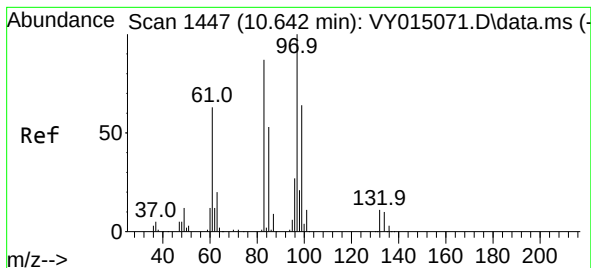
Tgt Ion: 75 Resp: 46810
Ion Ratio Lower Upper
75 100
77 32.8 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.878 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 75 Resp: 51276
Ion Ratio Lower Upper
75 100
77 30.1 24.2 36.4
39 45.9 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 19.930 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

Tgt Ion: 97 Resp: 31165

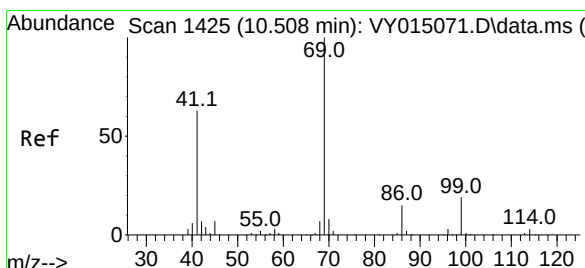
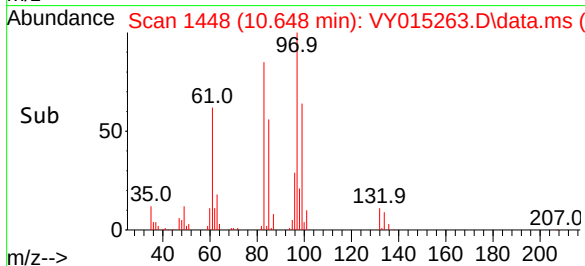
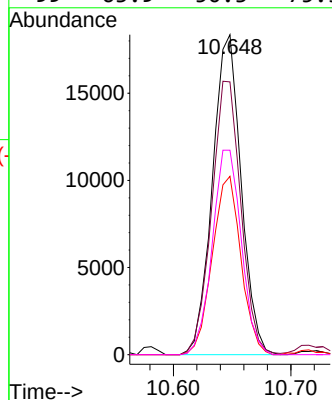
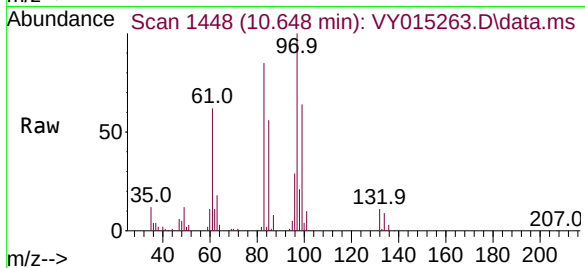
Ion Ratio Lower Upper

97 100

83 85.3 72.0 108.0

85 55.7 45.4 68.0

99 63.9 50.3 75.5



#56

Ethyl methacrylate

Concen: 18.474 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

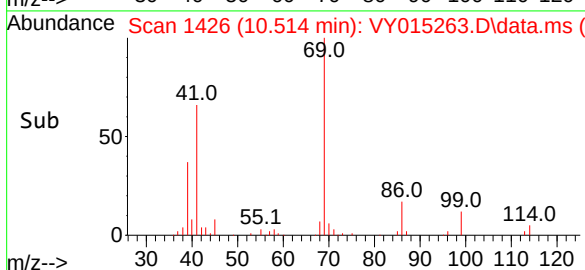
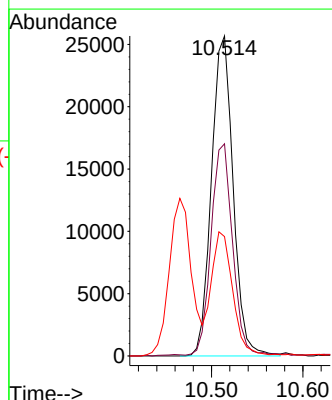
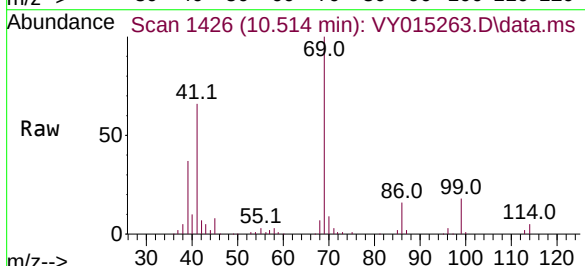
Tgt Ion: 69 Resp: 42279

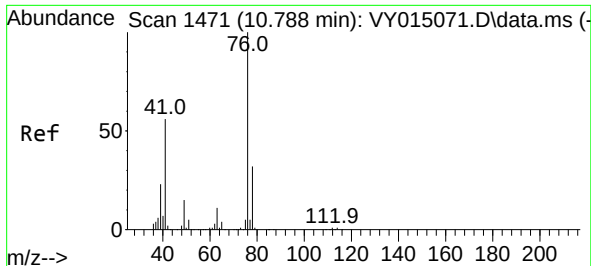
Ion Ratio Lower Upper

69 100

41 65.4 57.6 86.4

39 37.7 34.1 51.1





#57

1,3-Dichloropropane

Concen: 19.951 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

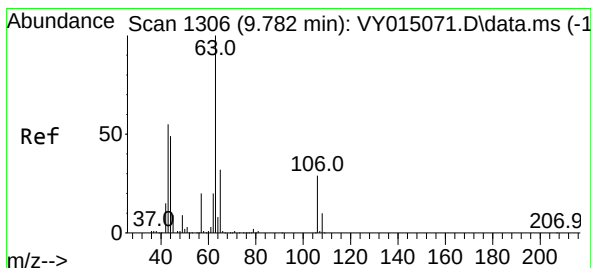
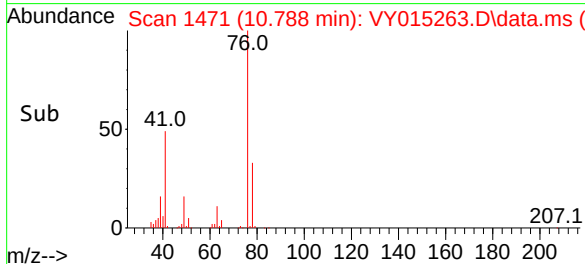
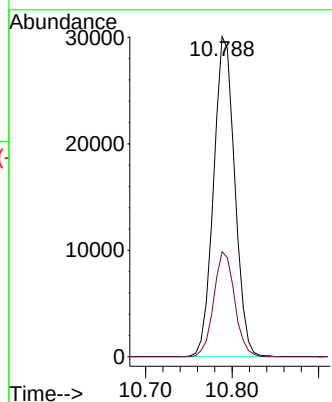
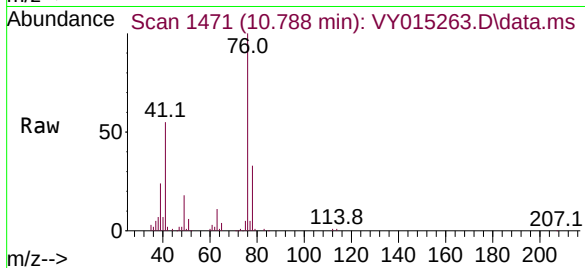
VY0822SBS02

Tgt Ion: 76 Resp: 50970

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 97.948 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015263.D

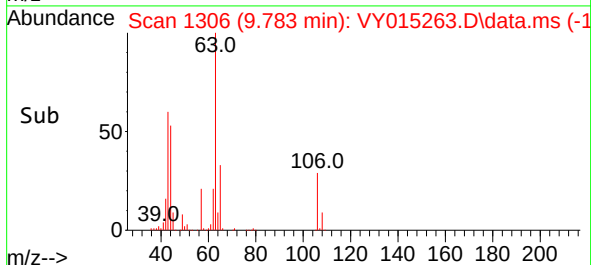
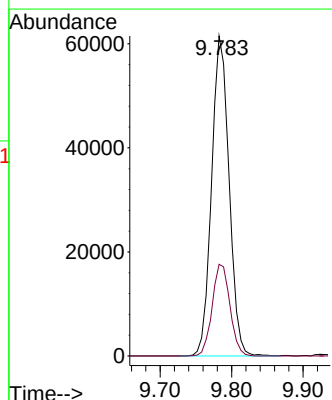
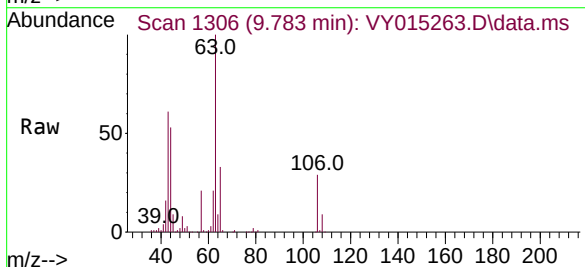
Acq: 22 Aug 2023 23:04

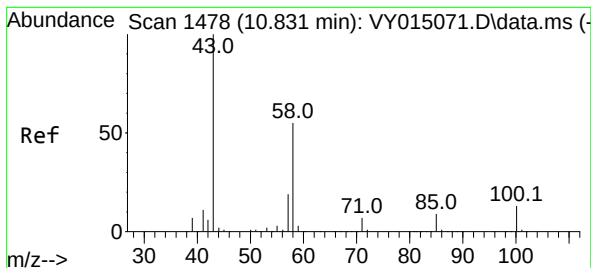
Tgt Ion: 63 Resp: 104317

Ion Ratio Lower Upper

63 100

106 29.1 21.2 31.8

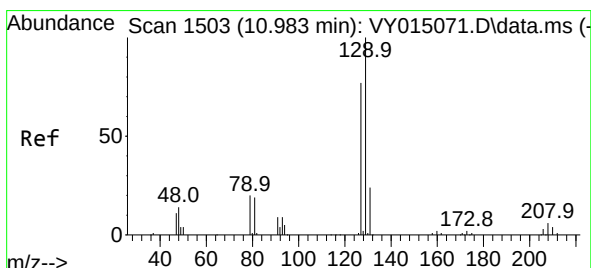
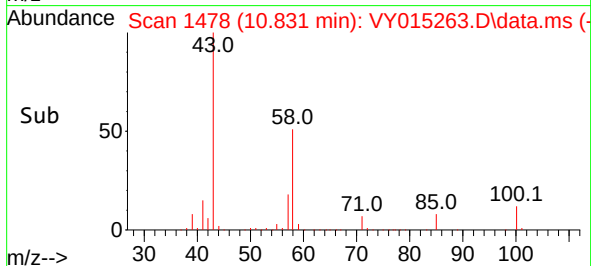
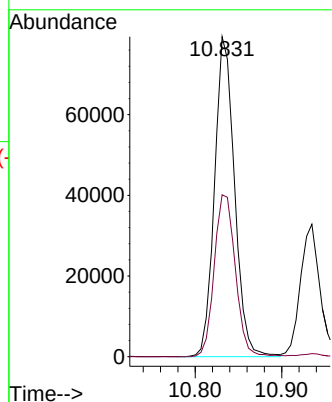
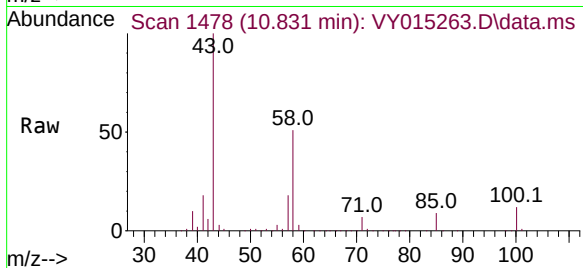




#59
2-Hexanone
Concen: 91.379 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

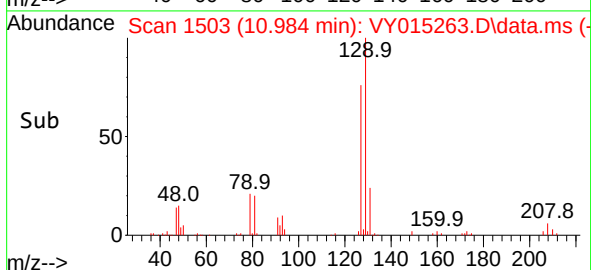
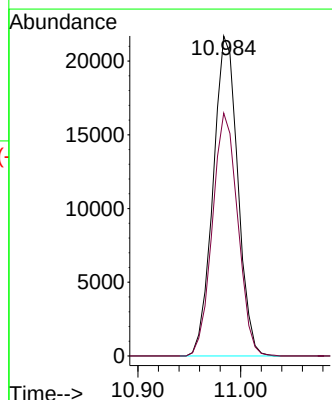
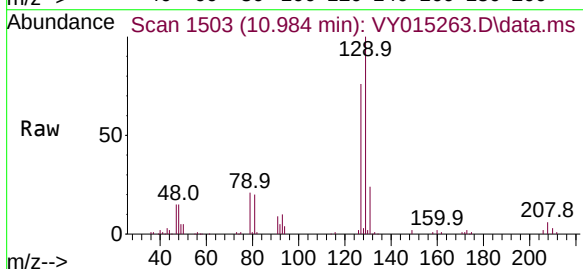
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

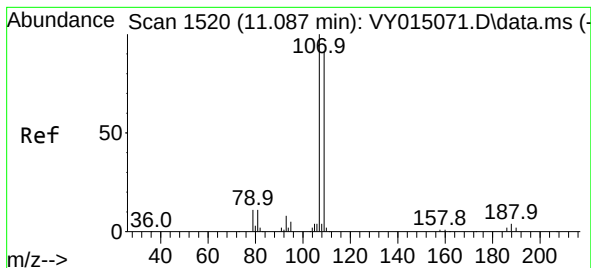
Tgt Ion: 43 Resp: 127253
Ion Ratio Lower Upper
43 100
58 53.5 25.1 75.3



#60
Dibromochloromethane
Concen: 19.364 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 129 Resp: 36120
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.396 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

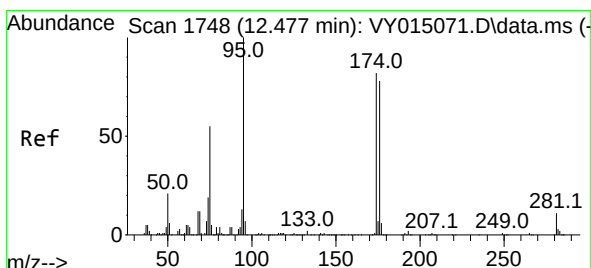
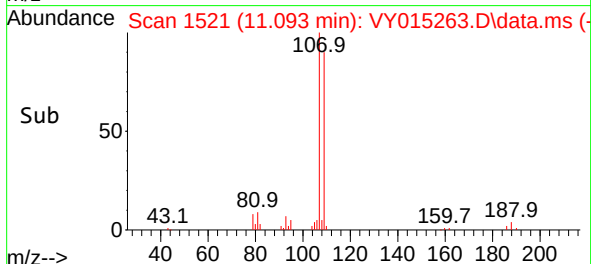
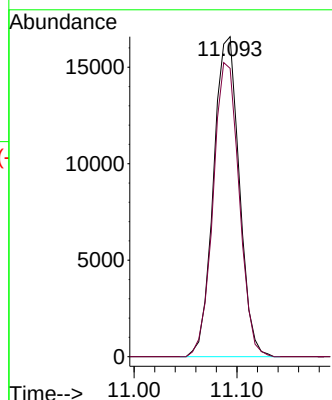
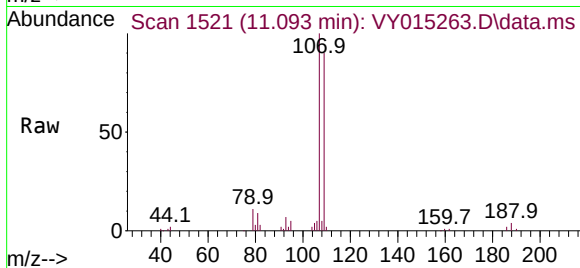
VY0822SBS02

Tgt Ion:107 Resp: 28813

Ion Ratio Lower Upper

107 100

109 92.6 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 46.691 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

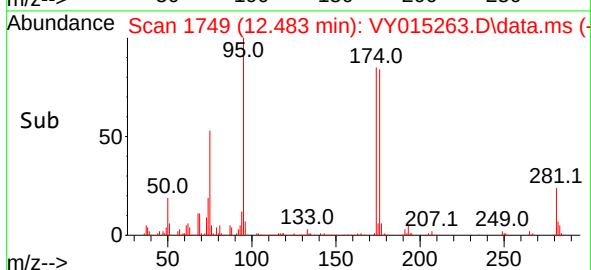
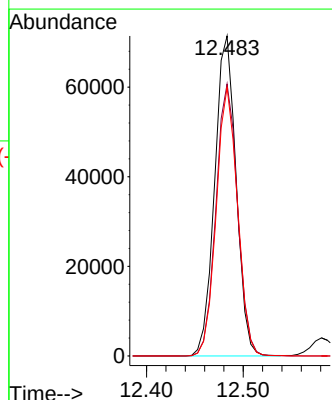
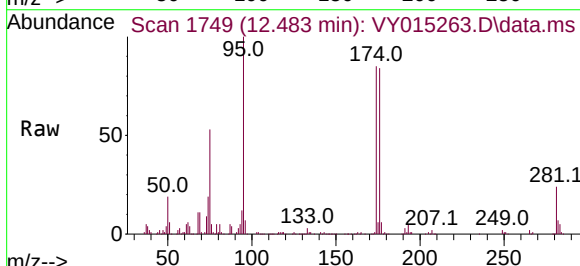
Tgt Ion: 95 Resp: 109752

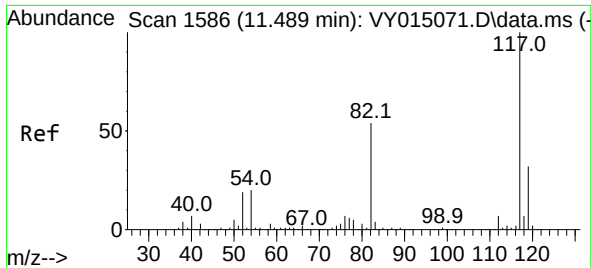
Ion Ratio Lower Upper

95 100

174 85.6 0.0 178.2

176 83.2 0.0 173.8

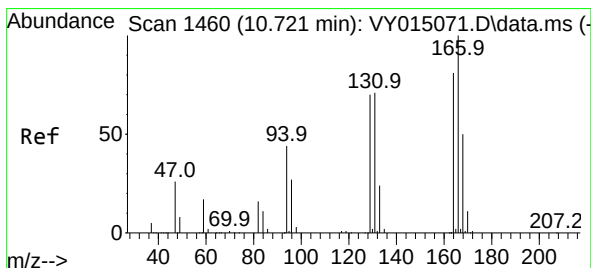
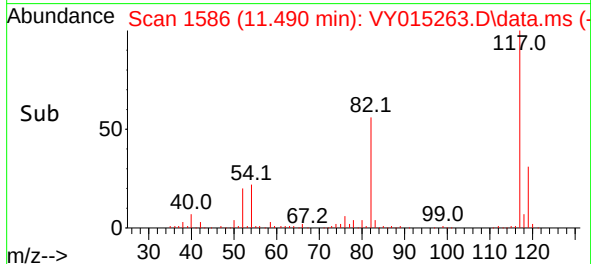
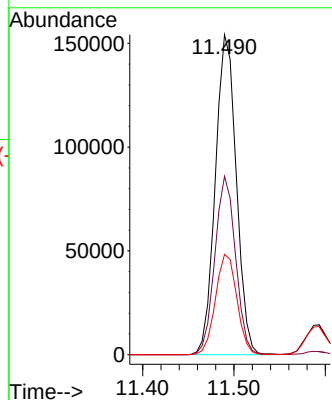
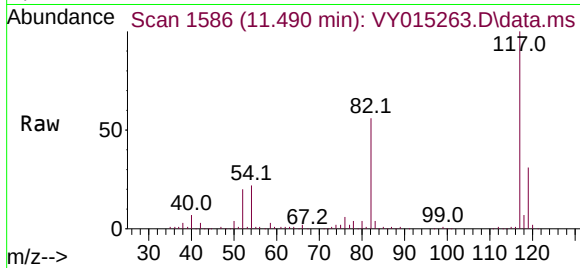




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

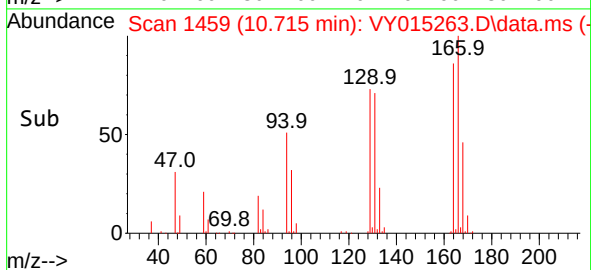
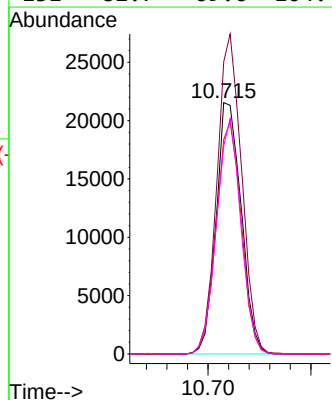
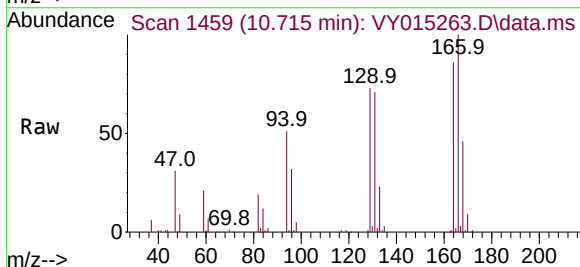
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

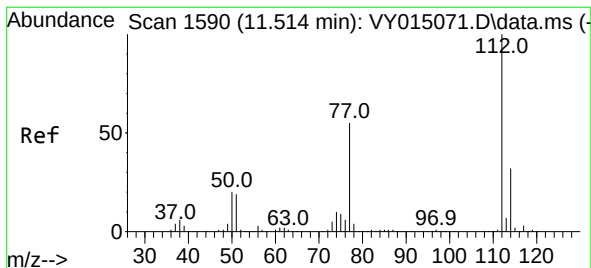
Tgt Ion:117 Resp: 246115
Ion Ratio Lower Upper
117 100
82 55.7 43.4 65.0
119 31.3 26.3 39.5



#64
Tetrachloroethene
Concen: 21.339 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion:164 Resp: 36589
Ion Ratio Lower Upper
164 100
166 116.2 103.0 154.6
129 85.3 77.2 115.8
131 82.7 69.6 104.4

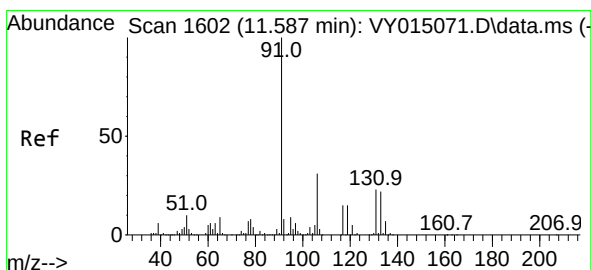
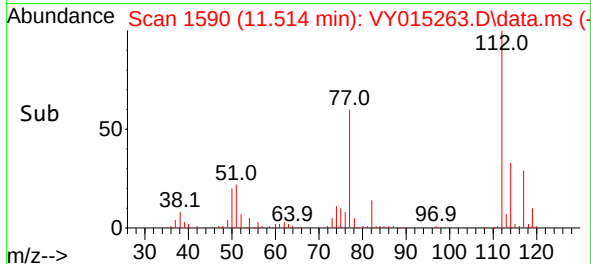
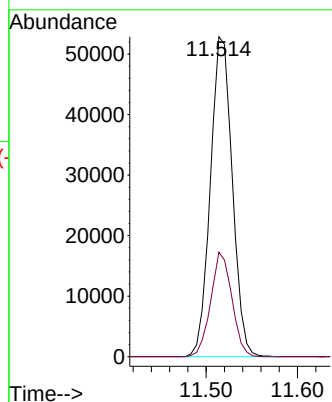
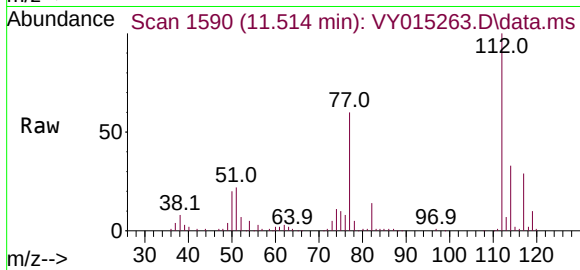




#65
Chlorobenzene
Concen: 19.595 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

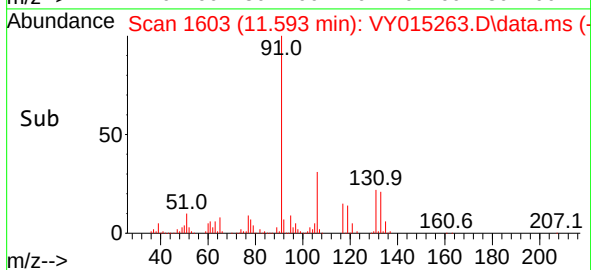
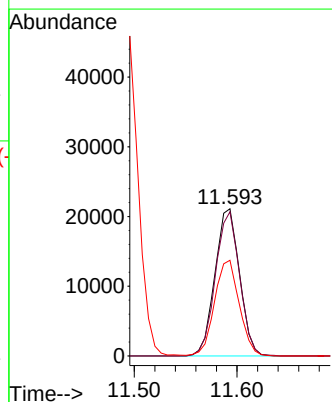
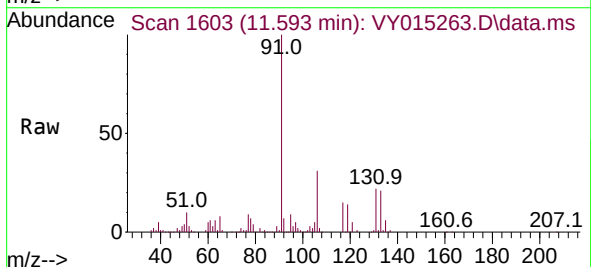
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

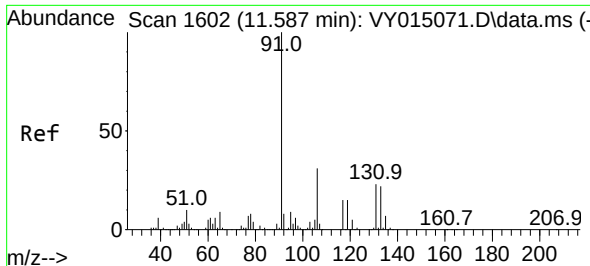
Tgt Ion:112 Resp: 87870
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.270 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion:131 Resp: 35062
Ion Ratio Lower Upper
131 100
133 96.2 47.5 142.6
119 65.5 31.6 94.7





#67

Ethyl Benzene

Concen: 18.901 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

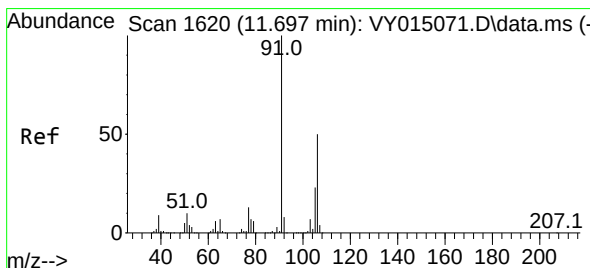
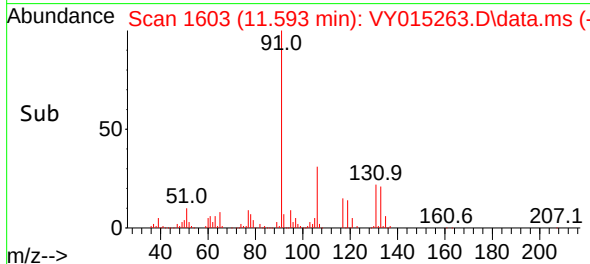
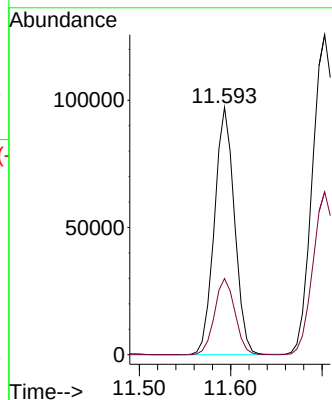
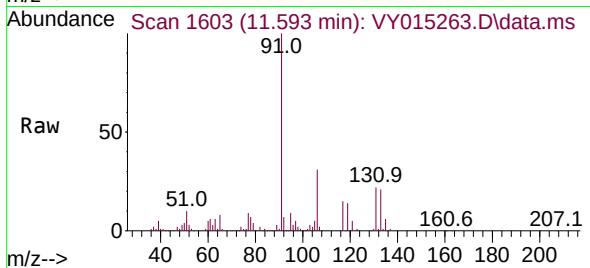
VY0822SBS02

Tgt Ion: 91 Resp: 148504

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 37.743 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015263.D

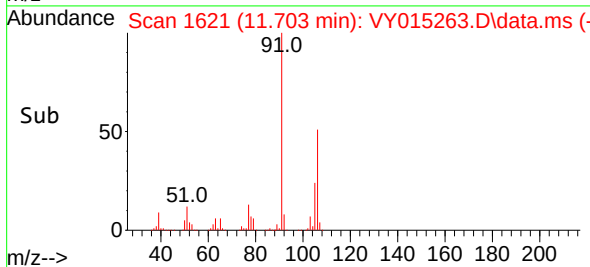
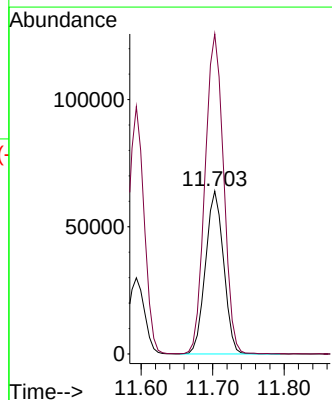
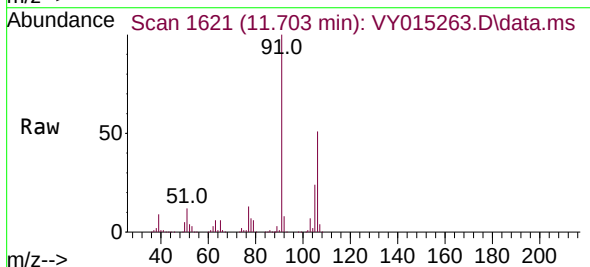
Acq: 22 Aug 2023 23:04

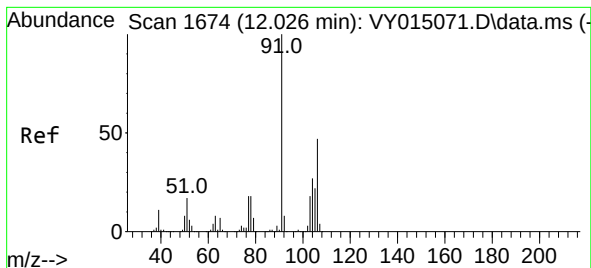
Tgt Ion:106 Resp: 112627

Ion Ratio Lower Upper

106 100

91 201.5 166.1 249.1





#69

o-Xylene

Concen: 19.397 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

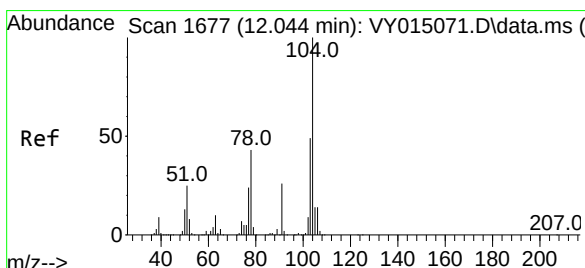
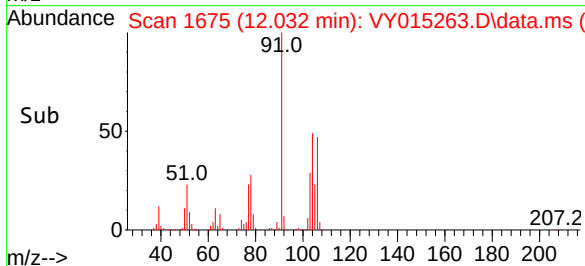
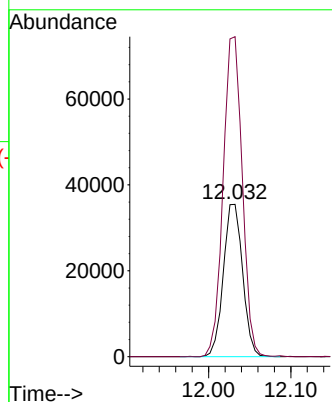
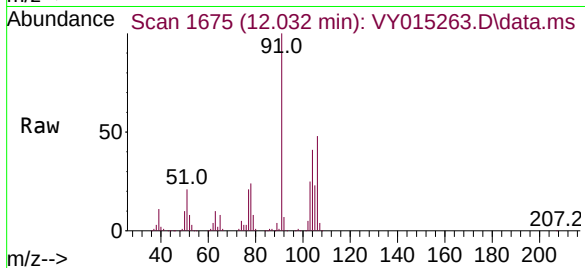
VY0822SBS02

Tgt Ion:106 Resp: 57662

Ion Ratio Lower Upper

106 100

91 209.1 108.1 324.3



#70

Styrene

Concen: 19.373 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

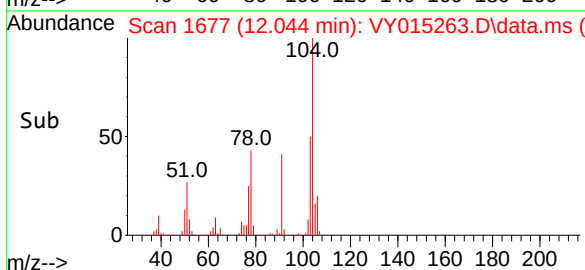
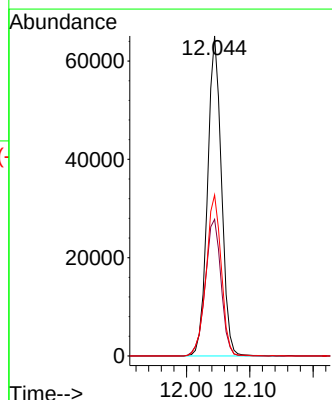
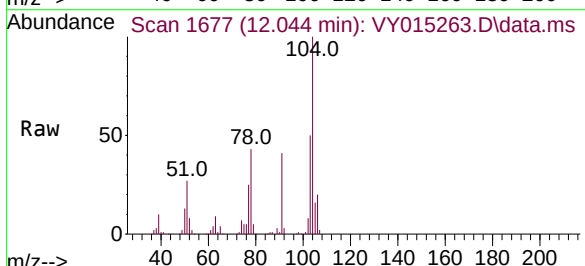
Tgt Ion:104 Resp: 99673

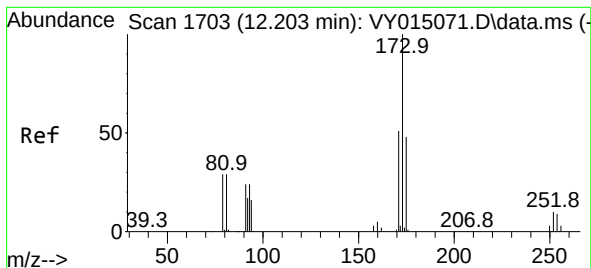
Ion Ratio Lower Upper

104 100

78 48.2 41.5 62.3

103 54.5 44.6 67.0





#71

Bromoform

Concen: 17.806 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

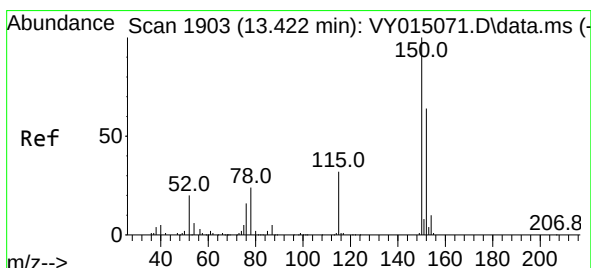
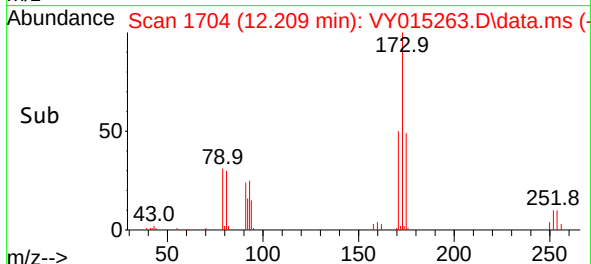
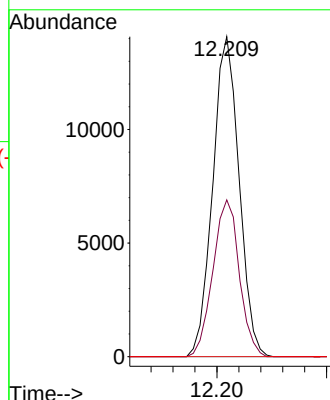
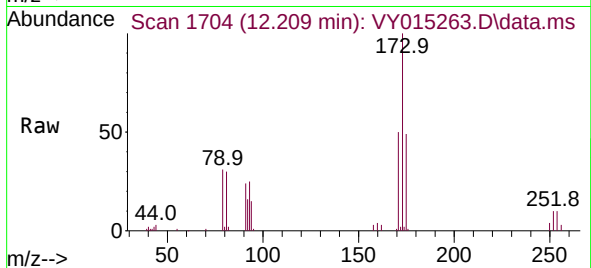
Tgt Ion:173 Resp: 23486

Ion Ratio Lower Upper

173 100

175 49.1 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

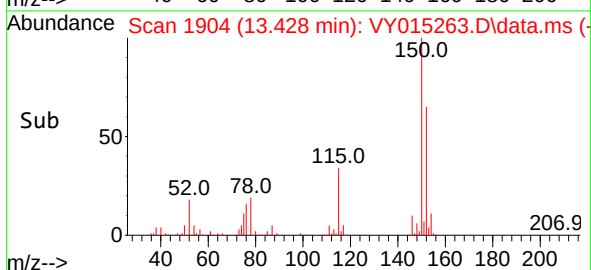
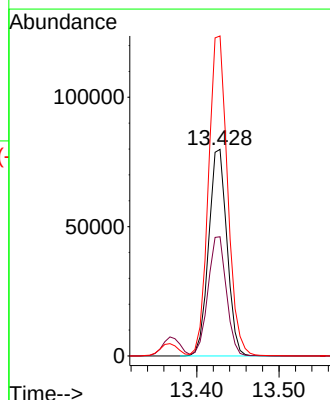
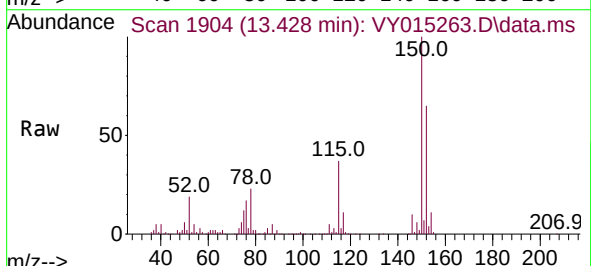
Tgt Ion:152 Resp: 123430

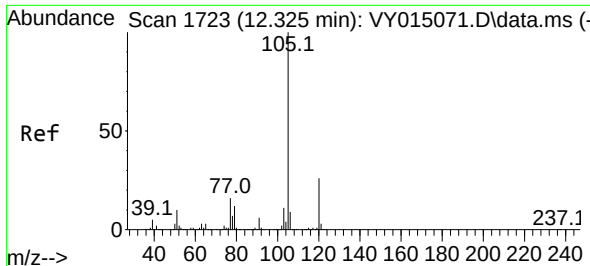
Ion Ratio Lower Upper

152 100

115 58.1 28.8 86.5

150 161.6 0.0 348.8

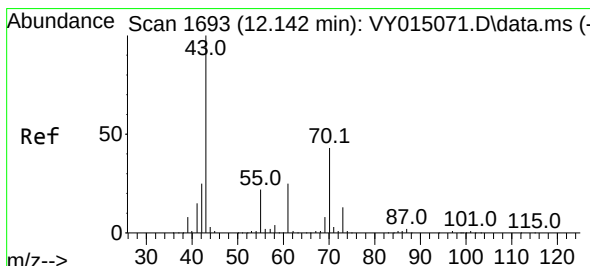
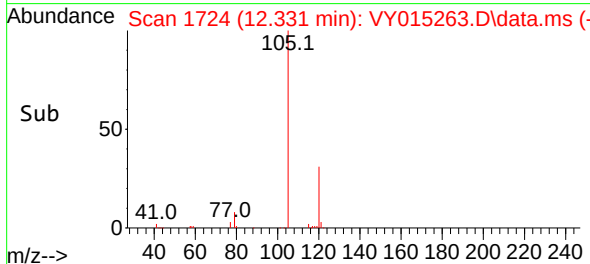
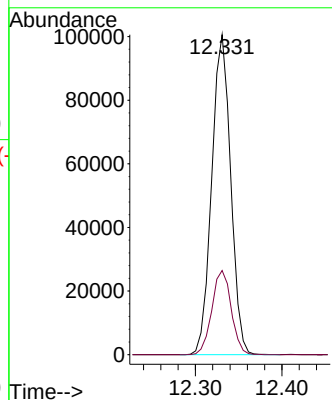
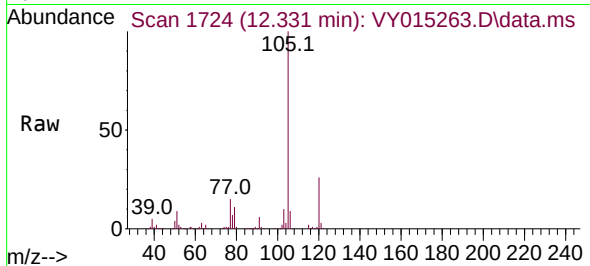




#73
Isopropylbenzene
Concen: 19.260 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

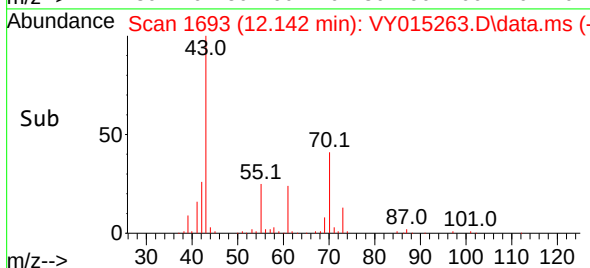
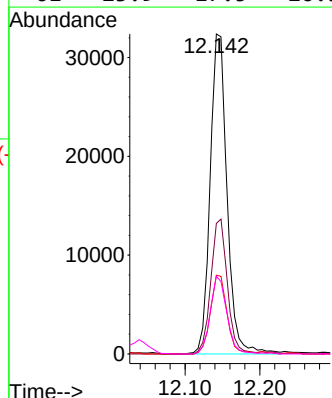
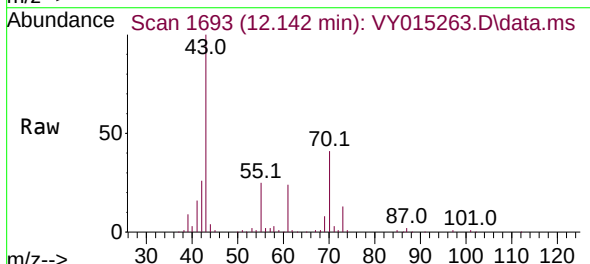
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

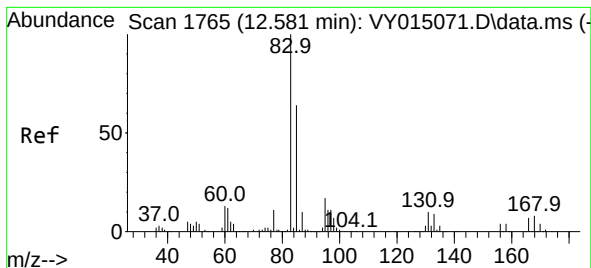
Tgt Ion:105 Resp: 152868
Ion Ratio Lower Upper
105 100
120 26.8 13.3 39.9



#74
N-ethyl acetate
Concen: 17.744 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 43 Resp: 50849
Ion Ratio Lower Upper
43 100
70 41.1 29.7 44.5
55 24.0 18.3 27.5
61 23.9 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.001 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

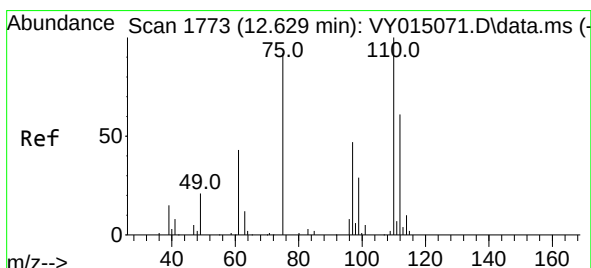
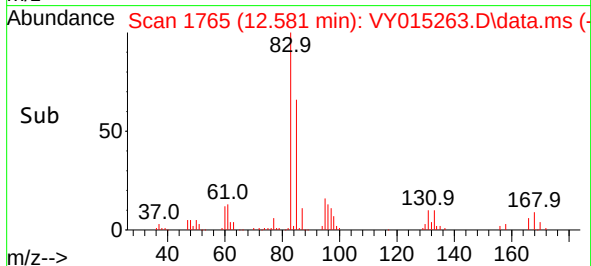
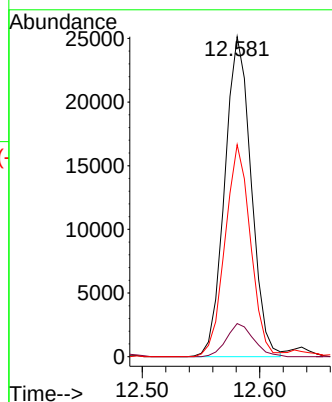
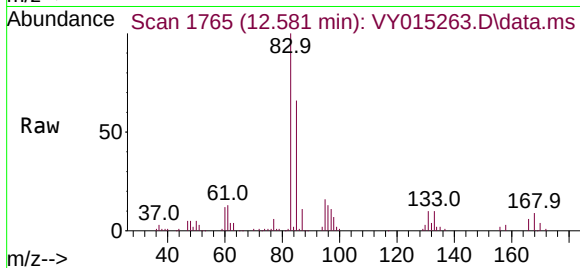
Tgt Ion: 83 Resp: 39277

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.0 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 33.622 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015263.D

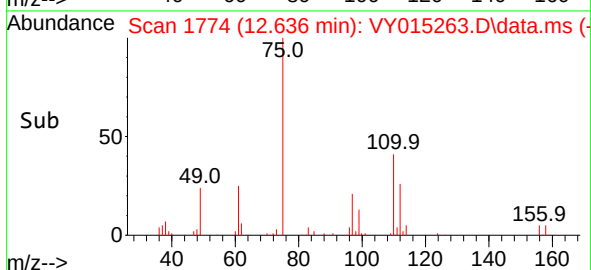
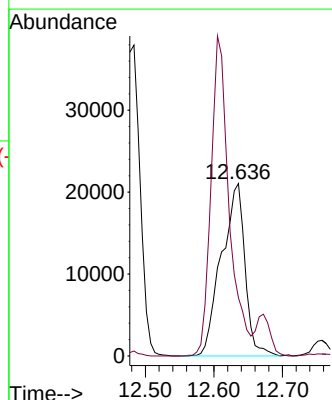
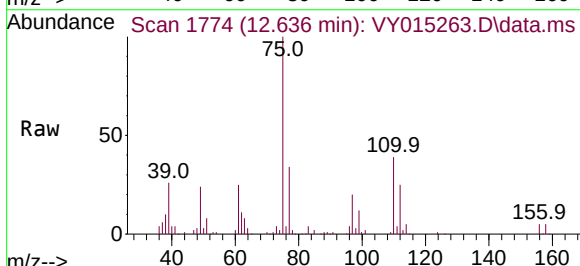
Acq: 22 Aug 2023 23:04

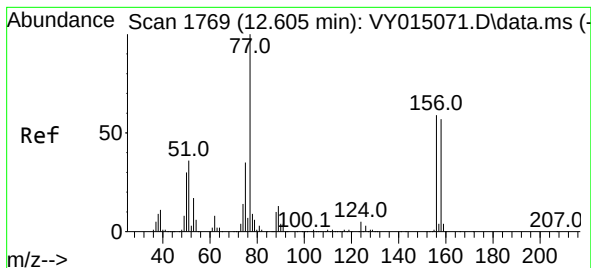
Tgt Ion: 75 Resp: 50419

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.630 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

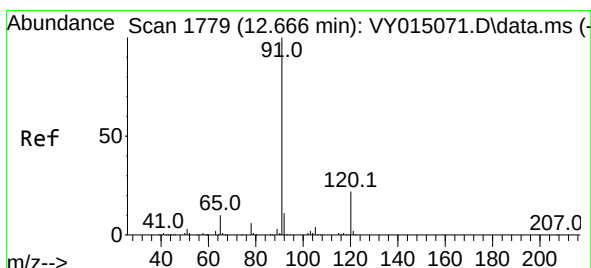
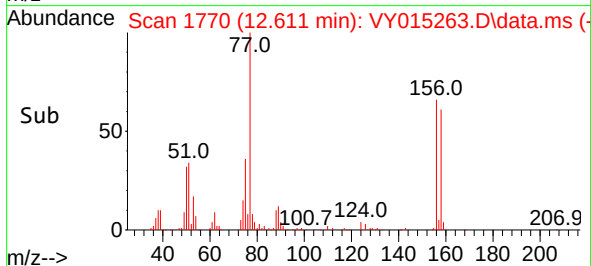
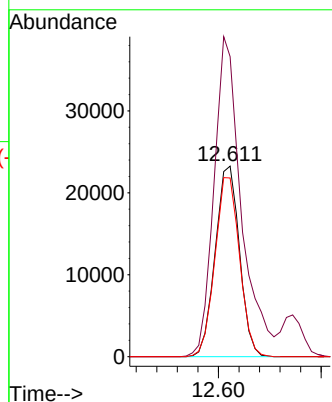
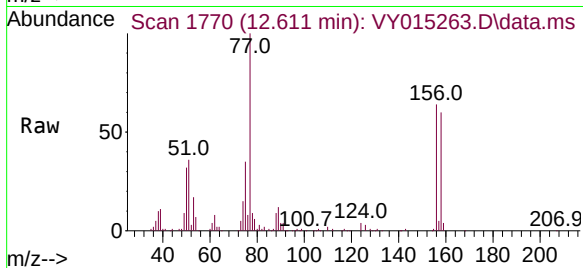
Tgt Ion:156 Resp: 37978

Ion Ratio Lower Upper

156 100

77 189.3 92.8 278.6

158 95.9 48.4 145.3



#78

n-propylbenzene

Concen: 19.371 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015263.D

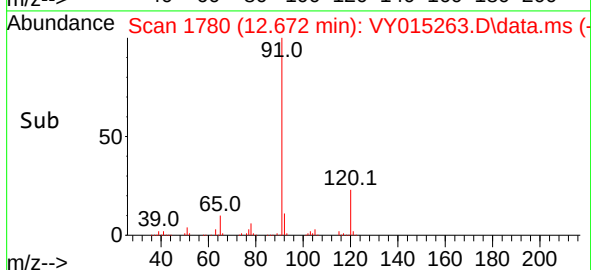
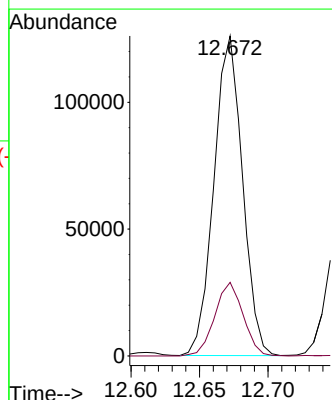
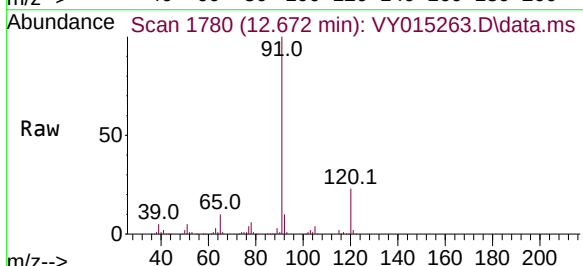
Acq: 22 Aug 2023 23:04

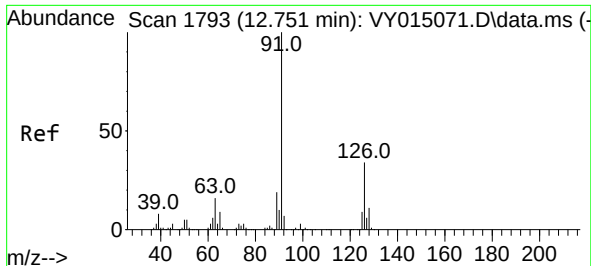
Tgt Ion: 91 Resp: 182575

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

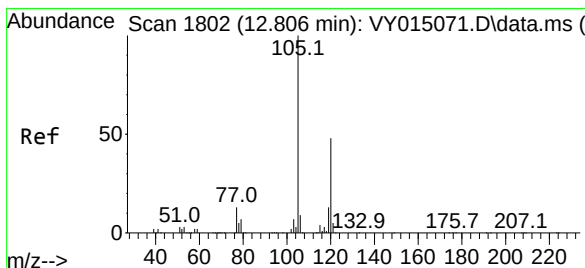
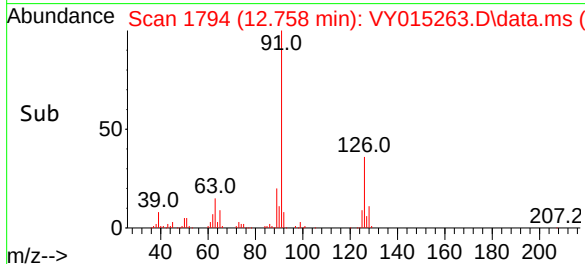
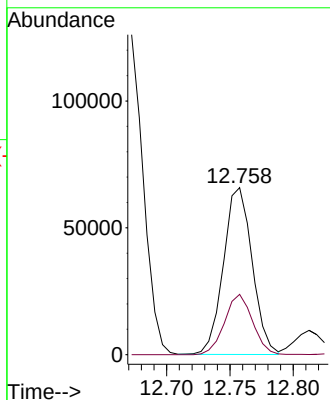
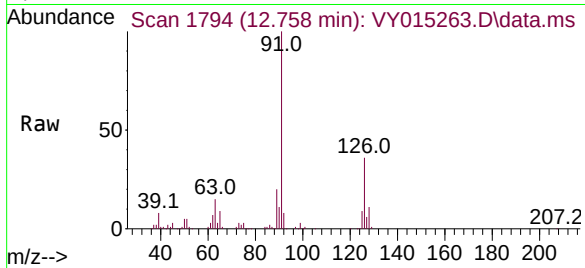




#79
2-Chlorotoluene
Concen: 19.137 ug/l
RT: 12.758 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

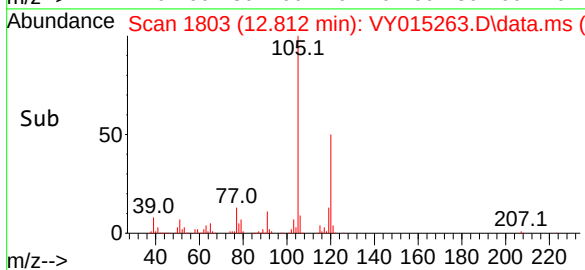
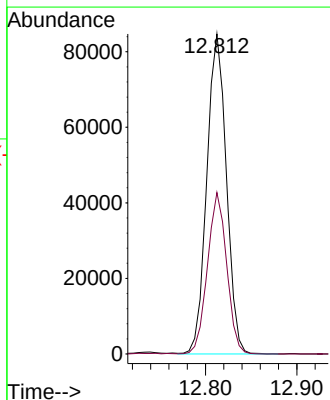
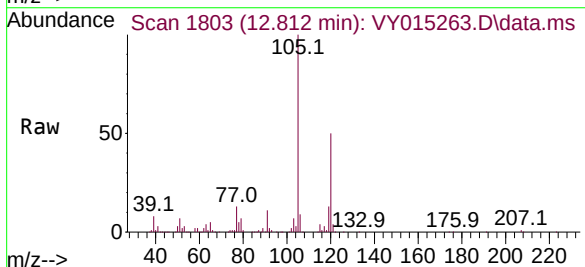
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

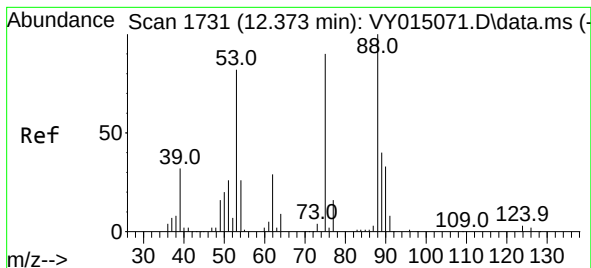
Tgt Ion: 91 Resp: 104050
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.006 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 105 Resp: 125744
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

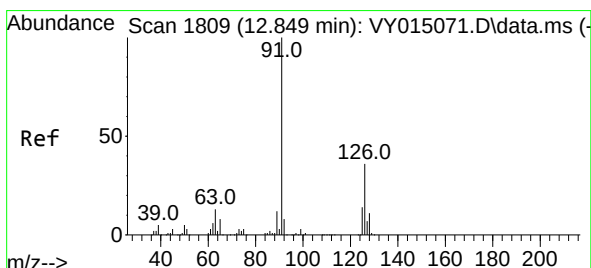
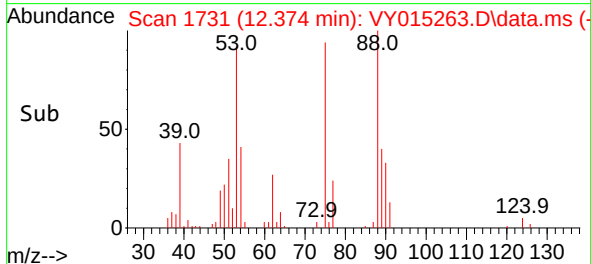
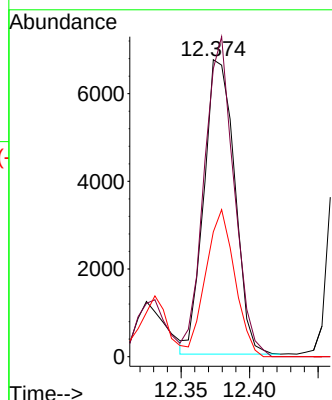
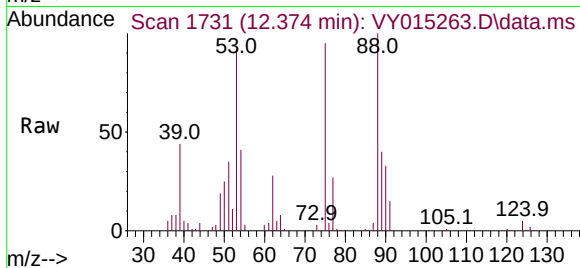




#81
trans-1,4-Dichloro-2-butene
Concen: 15.361 ug/l
RT: 12.374 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

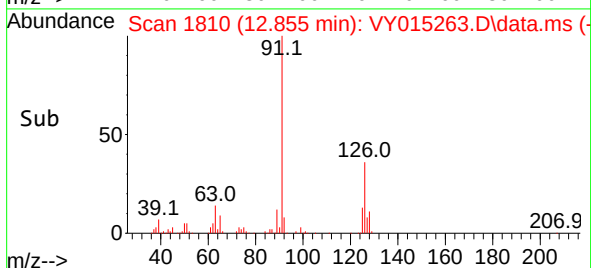
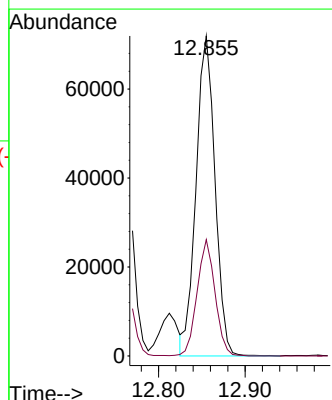
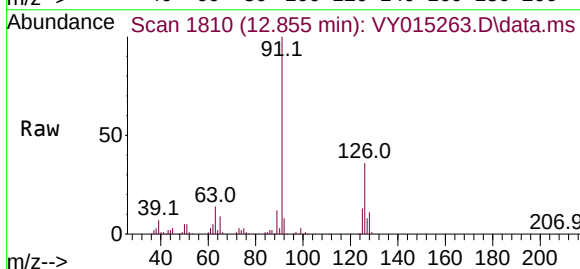
Instrument :
MSVOA_Y
ClientSampleId :
VY0822SBS02

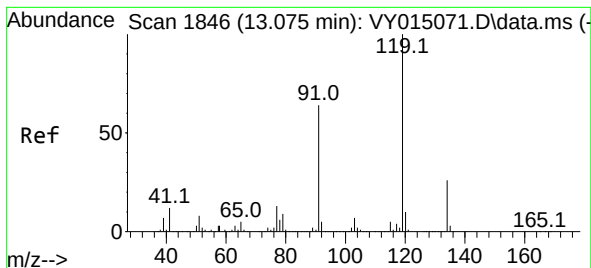
Tgt Ion: 75 Resp: 10487
Ion Ratio Lower Upper
75 100
53 105.3 77.8 116.8
89 46.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.453 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015263.D
Acq: 22 Aug 2023 23:04

Tgt Ion: 91 Resp: 109273
Ion Ratio Lower Upper
91 100
126 34.5 17.2 51.6





#83

tert-Butylbenzene

Concen: 18.844 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

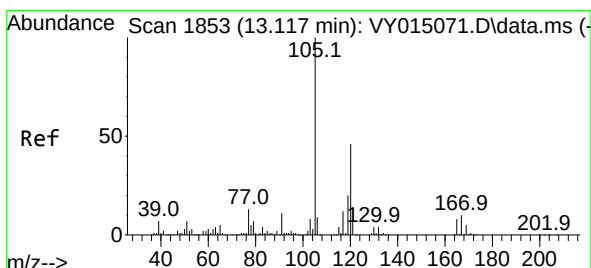
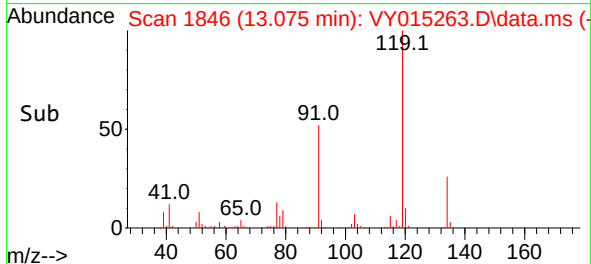
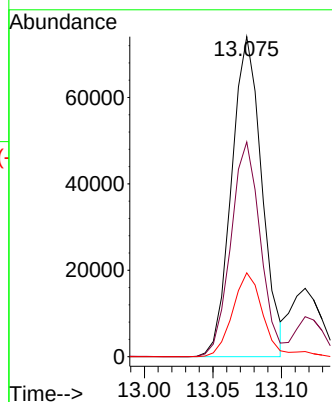
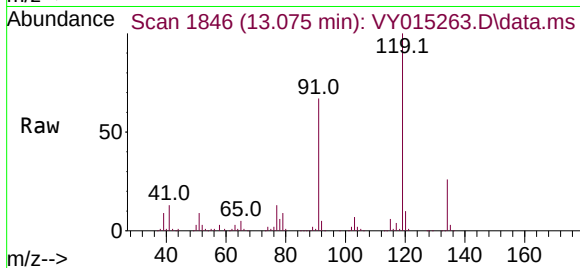
Tgt Ion:119 Resp: 114036

Ion Ratio Lower Upper

119 100

91 65.2 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.129 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015263.D

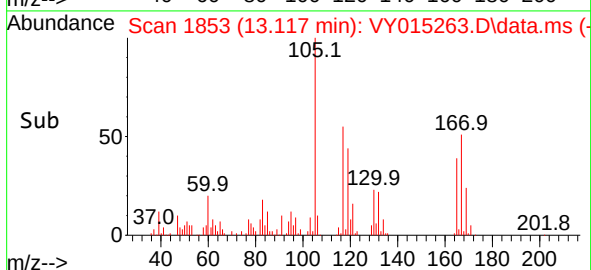
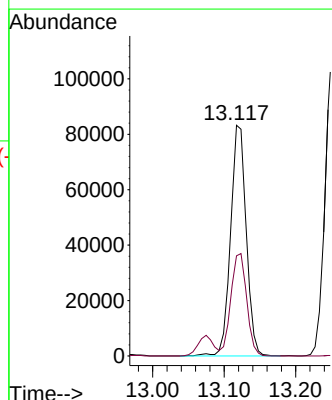
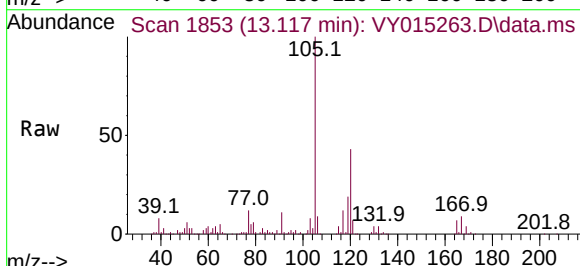
Acq: 22 Aug 2023 23:04

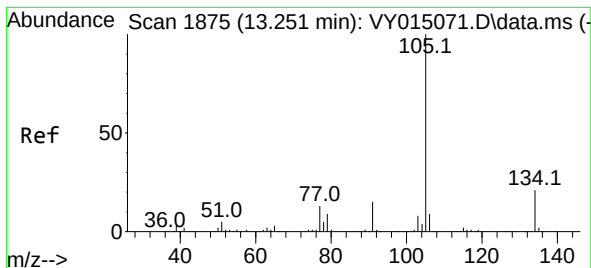
Tgt Ion:105 Resp: 126466

Ion Ratio Lower Upper

105 100

120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.227 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

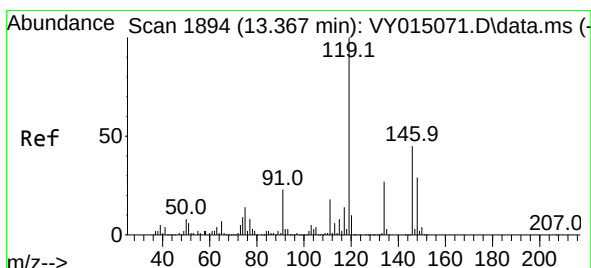
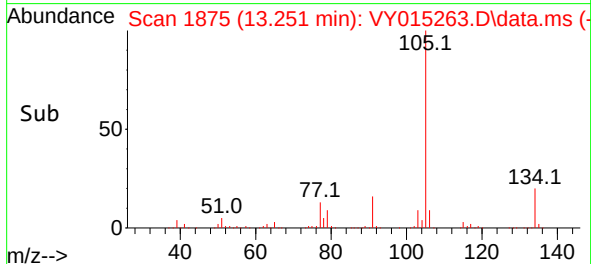
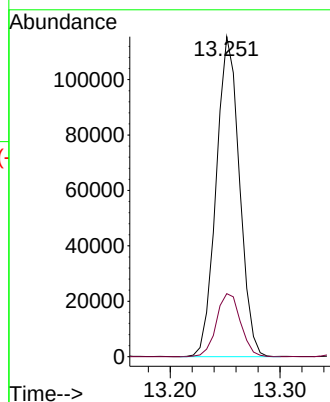
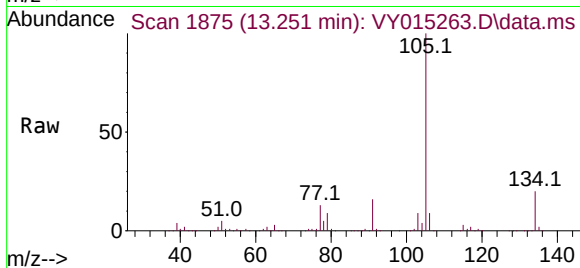
VY0822SBS02

Tgt Ion:105 Resp: 170475

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.089 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

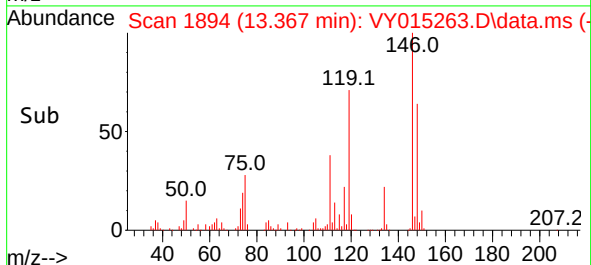
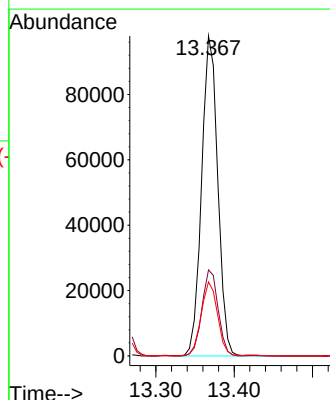
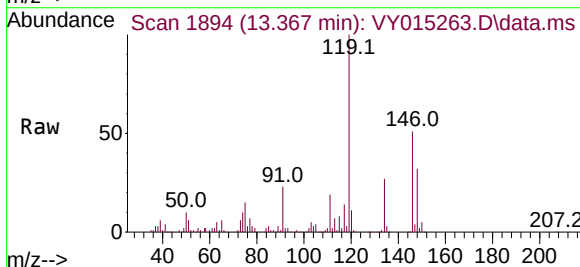
Tgt Ion:119 Resp: 140332

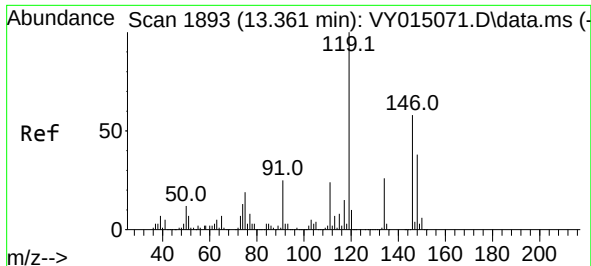
Ion Ratio Lower Upper

119 100

134 27.0 13.3 39.8

91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 19.433 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

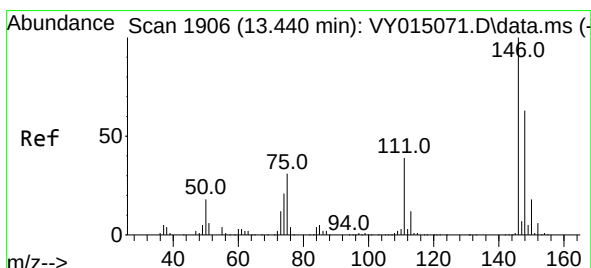
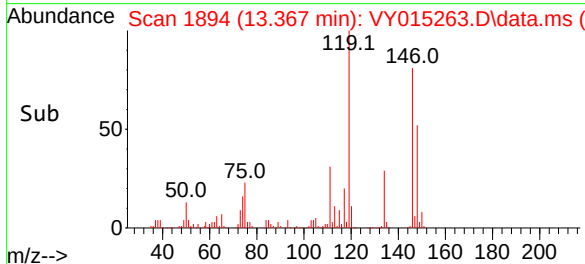
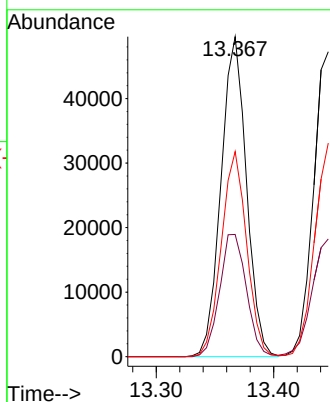
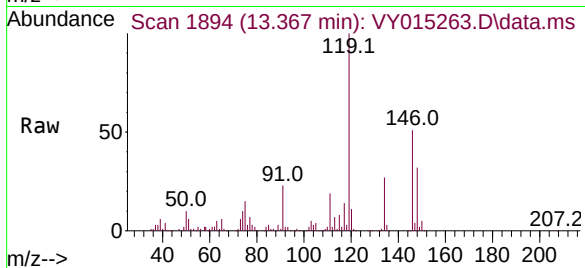
Tgt Ion:146 Resp: 74570

Ion Ratio Lower Upper

146 100

111 40.3 19.4 58.2

148 64.0 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 19.529 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

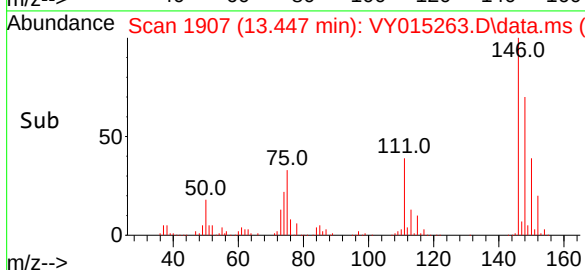
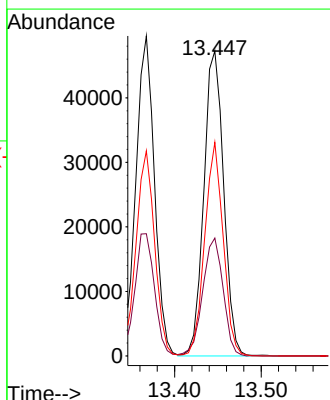
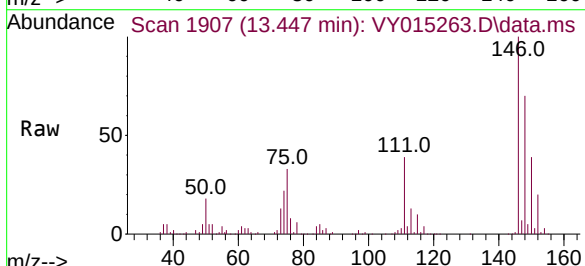
Tgt Ion:146 Resp: 75164

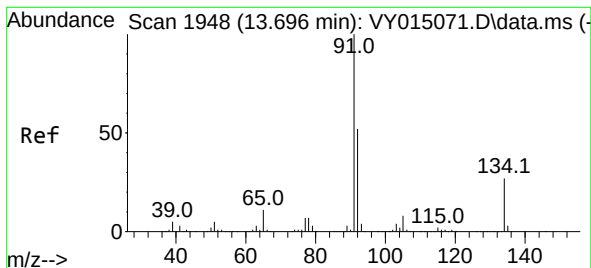
Ion Ratio Lower Upper

146 100

111 39.9 18.9 56.7

148 65.4 32.1 96.5





#89

n-Butylbenzene

Concen: 18.657 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

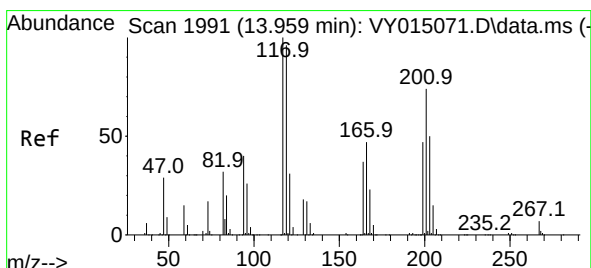
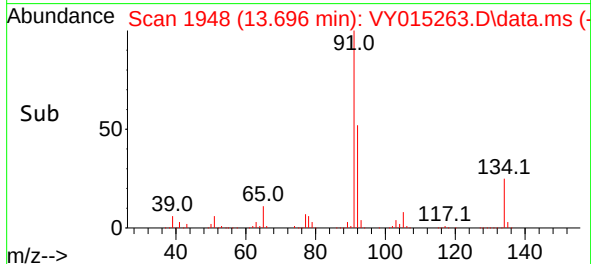
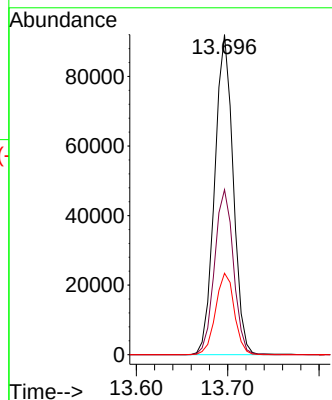
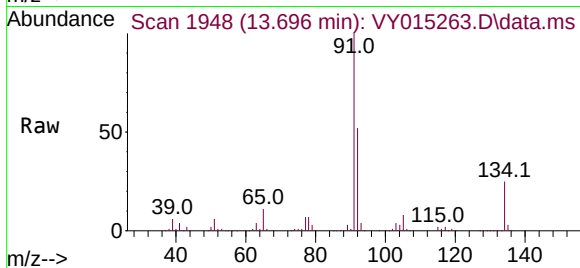
Tgt Ion: 91 Resp: 129315

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 25.8 12.6 37.6



#90

Hexachloroethane

Concen: 18.417 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015263.D

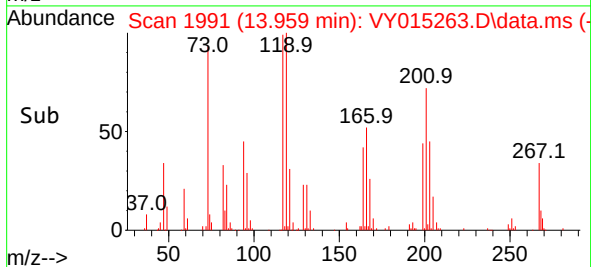
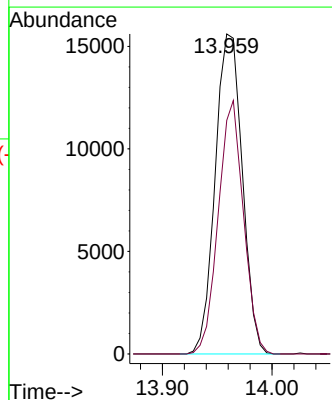
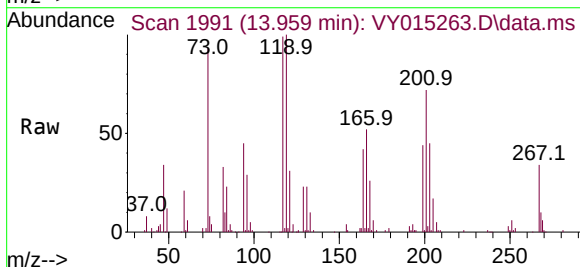
Acq: 22 Aug 2023 23:04

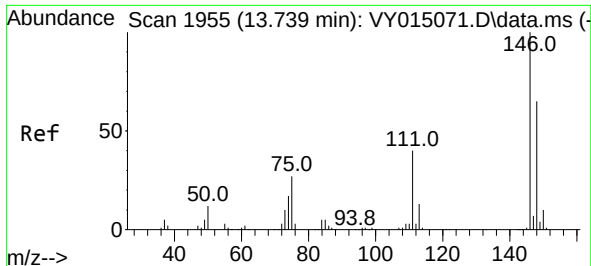
Tgt Ion: 117 Resp: 26859

Ion Ratio Lower Upper

117 100

201 73.5 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.361 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

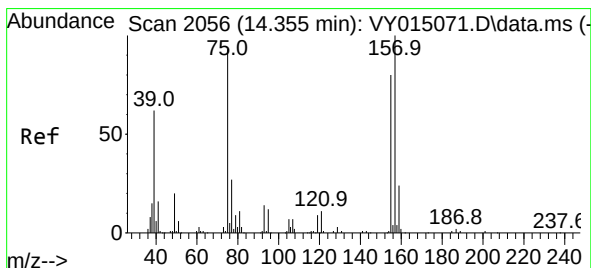
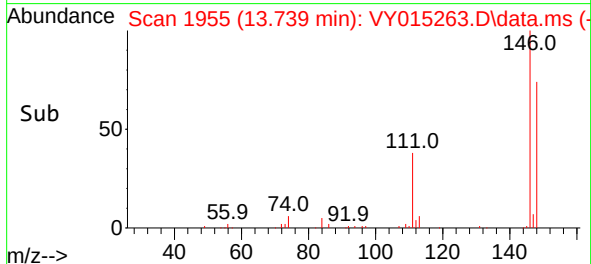
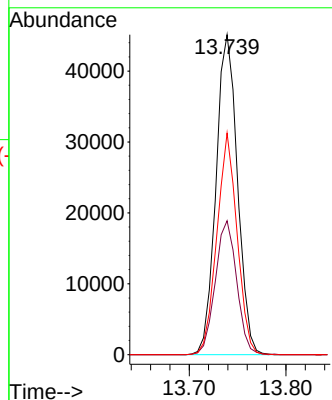
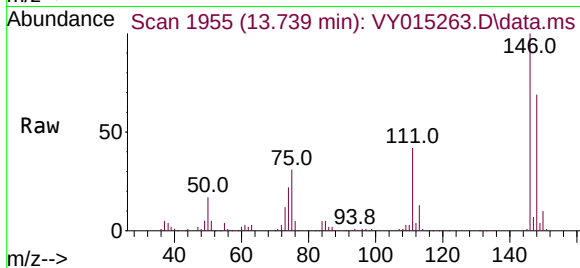
Tgt Ion:146 Resp: 69403

Ion Ratio Lower Upper

146 100

111 41.8 19.7 59.0

148 65.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 18.497 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

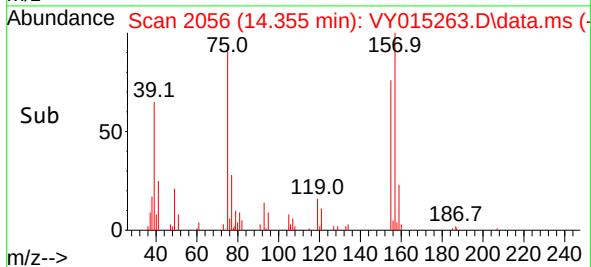
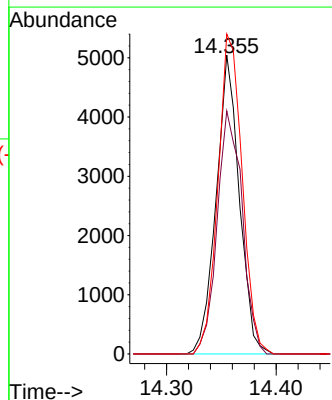
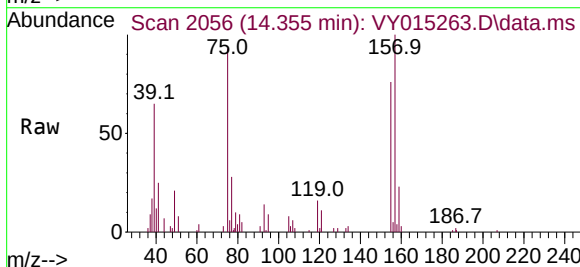
Tgt Ion: 75 Resp: 7407

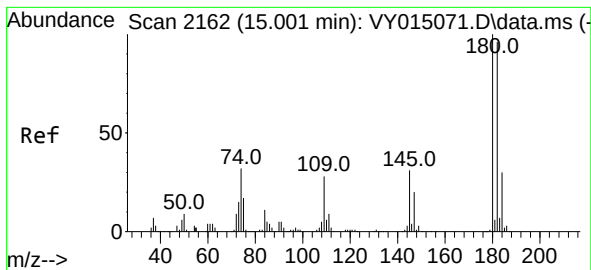
Ion Ratio Lower Upper

75 100

155 87.6 41.5 124.6

157 111.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 18.814 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

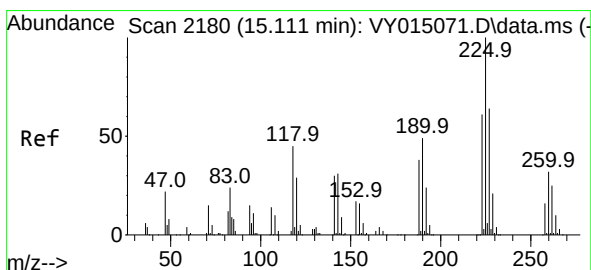
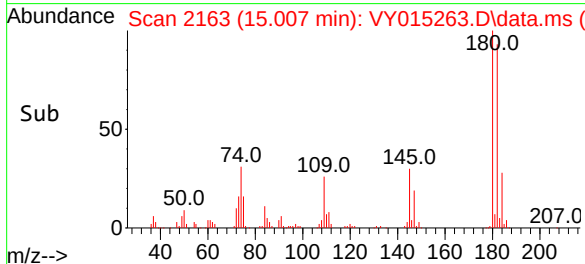
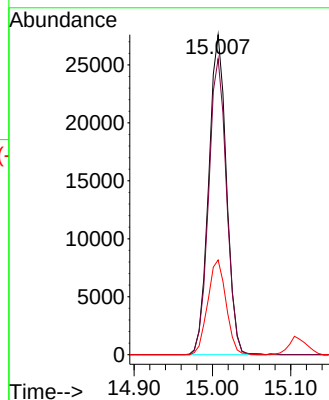
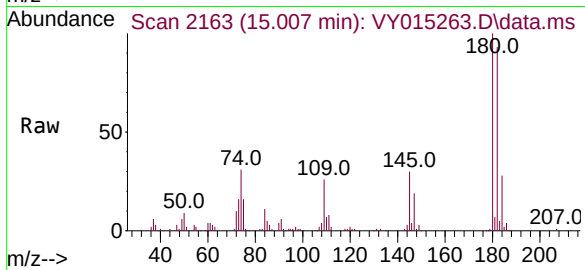
Tgt Ion:180 Resp: 43298

Ion Ratio Lower Upper

180 100

182 93.1 47.0 141.2

145 30.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 18.828 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

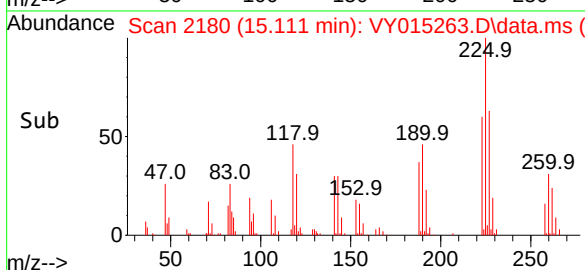
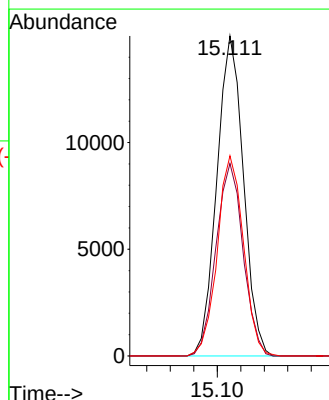
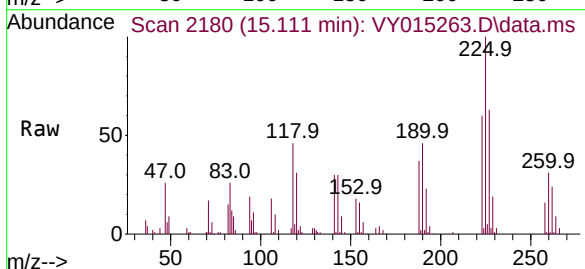
Tgt Ion:225 Resp: 23570

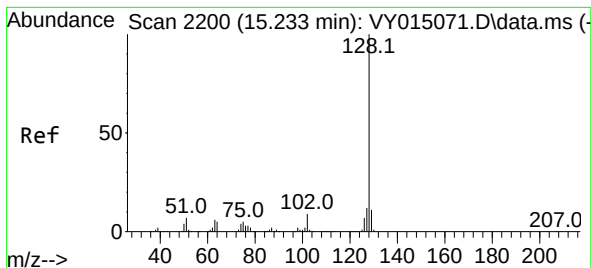
Ion Ratio Lower Upper

225 100

223 61.3 31.9 95.9

227 61.7 33.0 98.9





#95

Naphthalene

Concen: 18.225 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Instrument :

MSVOA_Y

ClientSampleId :

VY0822SBS02

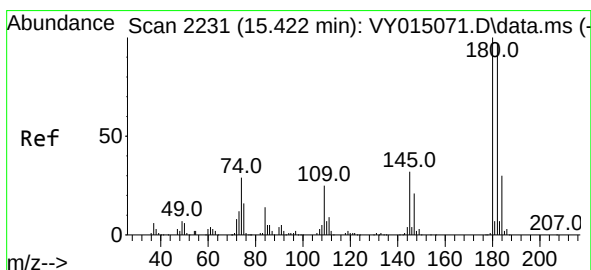
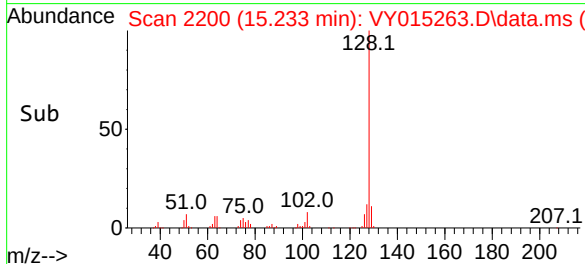
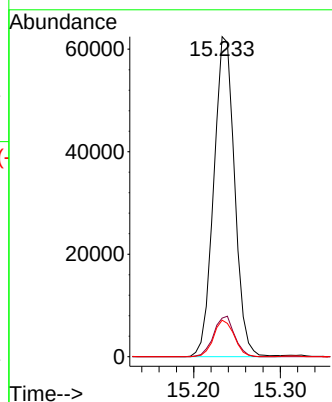
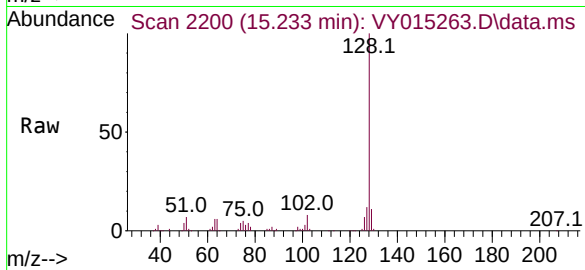
Tgt Ion:128 Resp: 104484

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.461 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015263.D

Acq: 22 Aug 2023 23:04

Tgt Ion:180 Resp: 40447

Ion Ratio Lower Upper

180 100

182 92.4 47.3 141.8

145 31.0 15.4 46.2

