

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
 Data File : VY014451.D
 Acq On : 27 Jun 2023 12:27
 Operator : KP/MD
 Sample : VY0627SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBS01

Quant Time: Jun 27 16:42:29 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 17:18:46 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	250409	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	361744	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	337610	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	187297	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	148399	47.731	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.460%
35) Dibromofluoromethane	7.722	113	109833	49.144	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.280%
50) Toluene-d8	10.185	98	436778	49.164	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.320%
62) 4-Bromofluorobenzene	12.483	95	155834	49.133	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.260%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	49764	21.409	ug/l	99
3) Chloromethane	2.113	50	40609	17.852	ug/l	98
4) Vinyl Chloride	2.253	62	45981	18.547	ug/l	93
5) Bromomethane	2.631	94	42687	19.596	ug/l	95
6) Chloroethane	2.790	64	30949	18.846	ug/l	96
7) Trichlorofluoromethane	3.125	101	98705	20.165	ug/l	100
8) Diethyl Ether	3.527	74	27652	18.529	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	43765	18.918	ug/l	94
10) Methyl Iodide	4.088	142	50153	18.336	ug/l	92
11) Tert butyl alcohol	4.948	59	56178	129.024	ug/l #	91
12) 1,1-Dichloroethene	3.875	96	44169	19.146	ug/l	92
13) Acrolein	3.729	56	35879	89.186	ug/l	99
14) Allyl chloride	4.485	41	62583	16.986	ug/l #	86
15) Acrylonitrile	5.167	53	72654	87.063	ug/l	97
16) Acetone	3.948	43	77944	79.672	ug/l	97
17) Carbon Disulfide	4.198	76	132890	18.615	ug/l	98
18) Methyl Acetate	4.478	43	54858	16.311	ug/l #	90
19) Methyl tert-butyl Ether	5.228	73	134827	19.002	ug/l	96
20) Methylene Chloride	4.716	84	52040	14.470	ug/l	86
21) trans-1,2-Dichloroethene	5.222	96	49019	19.325	ug/l	93
22) Diisopropyl ether	6.125	45	121270	16.563	ug/l #	95
23) Vinyl Acetate	6.064	43	380700	101.839	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	77824	17.900	ug/l	98
25) 2-Butanone	6.990	43	98416	80.767	ug/l #	89
26) 2,2-Dichloropropane	6.984	77	89718	19.515	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	53249	18.649	ug/l	96
28) Bromochloromethane	7.338	49	32233	16.999	ug/l #	67
29) Tetrahydrofuran	7.356	42	58419	80.403	ug/l #	84
30) Chloroform	7.508	83	92790	18.919	ug/l	97
31) Cyclohexane	7.789	56	66643	17.354	ug/l #	84
32) 1,1,1-Trichloroethane	7.704	97	92224	19.755	ug/l	98
36) 1,1-Dichloropropene	7.923	75	64864	18.834	ug/l	98
37) Ethyl Acetate	7.076	43	38596	16.261	ug/l #	94
38) Carbon Tetrachloride	7.905	117	88624	20.448	ug/l	98
39) Methylcyclohexane	9.185	83	75225	18.985	ug/l	96
40) Benzene	8.161	78	185092	18.975	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	59738	50.786	ug/l #	42
42) 1,2-Dichloroethane	8.240	62	72066	19.486	ug/l	100
43) Isopropyl Acetate	8.277	43	73521	17.542	ug/l #	96
44) Trichloroethene	8.941	130	54504	19.462	ug/l	93
45) 1,2-Dichloropropane	9.215	63	41177	17.903	ug/l	100
46) Dibromomethane	9.307	93	29119	18.527	ug/l	93
47) Bromodichloromethane	9.496	83	70395	19.216	ug/l	99
48) Methyl methacrylate	9.295	41	33975	17.454	ug/l	89
49) 1,4-Dioxane	9.301	88	8519	346.645	ug/l #	45
51) 4-Methyl-2-Pentanone	10.075	43	203915	86.208	ug/l	97
52) Toluene	10.246	92	125210	19.950	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	75173	18.927	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	76959	18.786	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	40976	19.469	ug/l	93
56) Ethyl methacrylate	10.514	69	55729	18.541	ug/l	94
57) 1,3-Dichloropropane	10.794	76	66915	18.902	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	128146	91.016	ug/l #	88
59) 2-Hexanone	10.831	43	151722	85.122	ug/l	96
60) Dibromochloromethane	10.990	129	55458	19.864	ug/l	99
61) 1,2-Dibromoethane	11.093	107	39194	18.704	ug/l	99
64) Tetrachloroethene	10.721	164	59371	20.666	ug/l	96
65) Chlorobenzene	11.520	112	135859	19.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	55084	19.716	ug/l	97
67) Ethyl Benzene	11.593	91	241981	19.592	ug/l	97
68) m/p-Xylenes	11.703	106	193540	40.120	ug/l	97
69) o-Xylene	12.032	106	89221	19.437	ug/l	98
70) Styrene	12.044	104	158247	20.115	ug/l	99
71) Bromoform	12.209	173	41362	20.031	ug/l #	99
73) Isopropylbenzene	12.331	105	244242	19.366	ug/l	98
74) N-amyl acetate	12.148	43	66787	16.721	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	46669	17.315	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	69393	29.535	ug/l #	100
77) Bromobenzene	12.611	156	63495	19.363	ug/l	89
78) n-propylbenzene	12.672	91	293165	19.268	ug/l	98
79) 2-Chlorotoluene	12.757	91	164328	18.911	ug/l	95
80) 1,3,5-Trimethylbenzene	12.812	105	215790	19.779	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	18069	17.509	ug/l	91
82) 4-Chlorotoluene	12.855	91	176387	19.054	ug/l	96
83) tert-Butylbenzene	13.075	119	189688	20.281	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	213327	19.733	ug/l	99
85) sec-Butylbenzene	13.257	105	266053	19.671	ug/l	98
86) p-Isopropyltoluene	13.373	119	235747	20.131	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	126561	20.010	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	126516	19.897	ug/l	100
89) n-Butylbenzene	13.696	91	206444	19.294	ug/l	98
90) Hexachloroethane	13.958	117	43009	19.306	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	114683	19.862	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10669	17.910	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	76215	20.317	ug/l	99
94) Hexachlorobutadiene	15.111	225	45397	20.146	ug/l	99
95) Naphthalene	15.239	128	154878	19.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	68763	20.131	ug/l	99

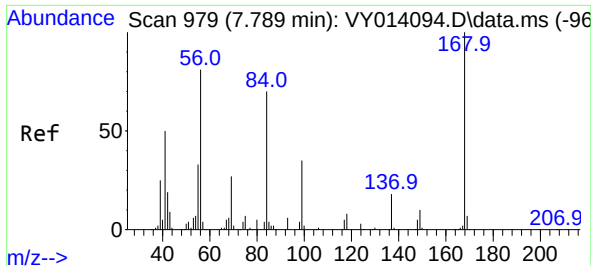
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062723\
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QLast Update : Fri Jun 23 17:18:46 2023
Response via : Initial Calibration

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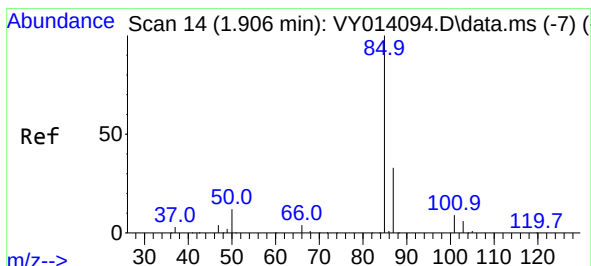
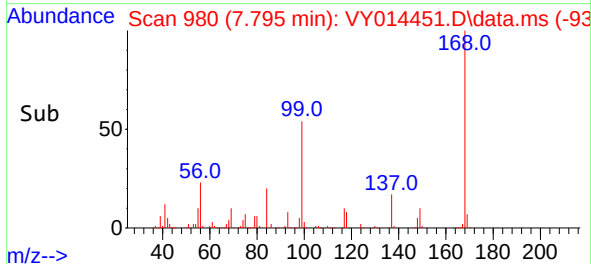
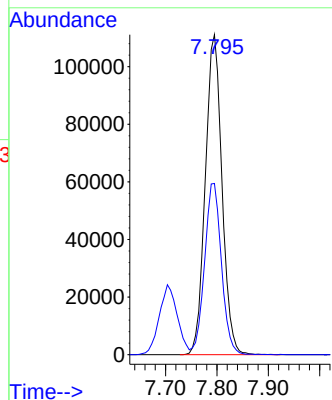
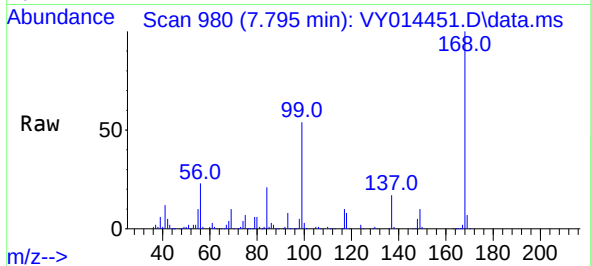
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY014451.D
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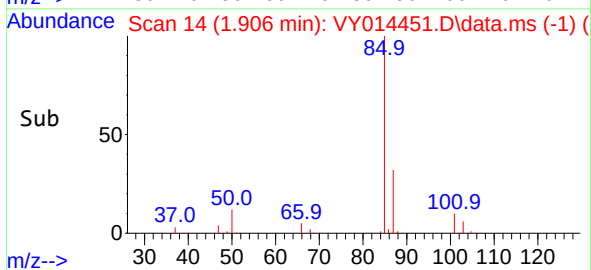
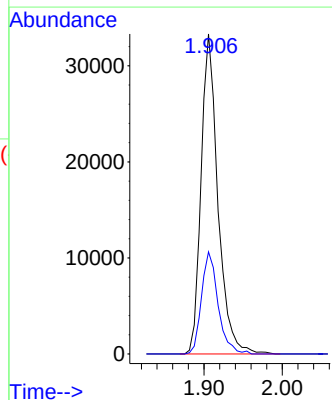
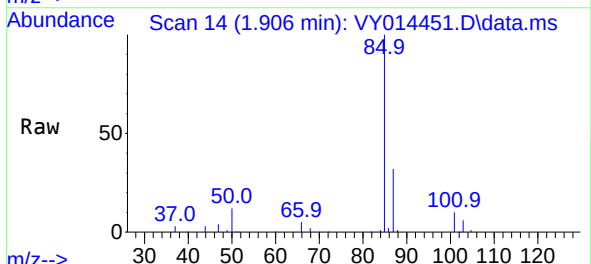
Instrument :
MSVOA_Y
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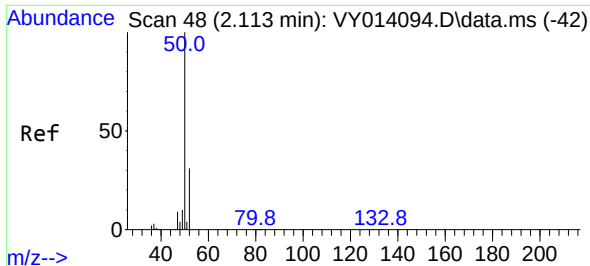
Tgt Ion:168 Resp: 250409
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 21.409 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 85 Resp: 49764
Ion Ratio Lower Upper
85 100
87 31.9 15.6 46.8

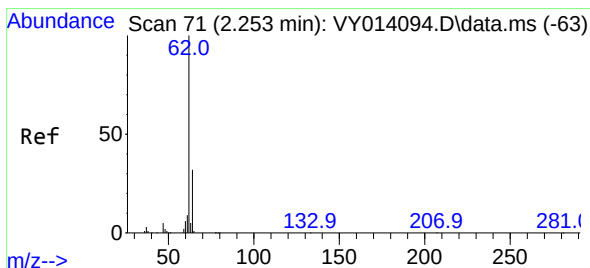
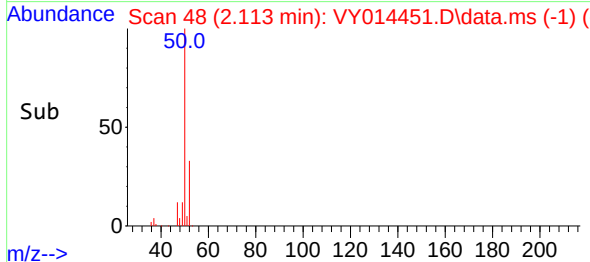
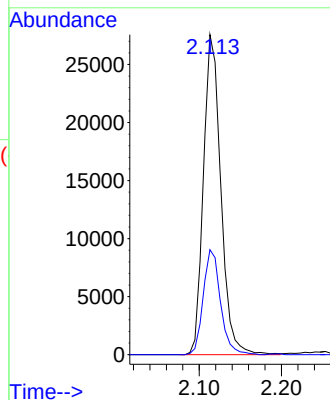
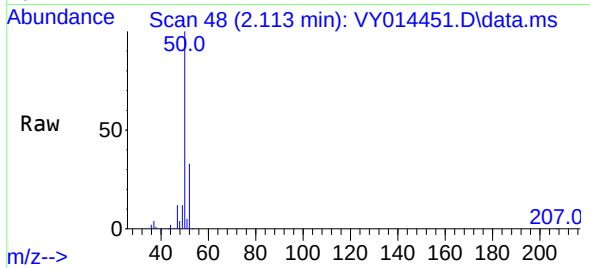




#3
Chloromethane
Concen: 17.852 ug/l
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

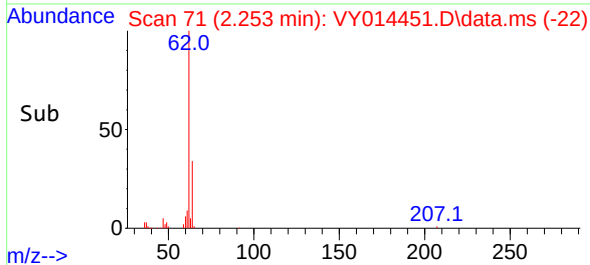
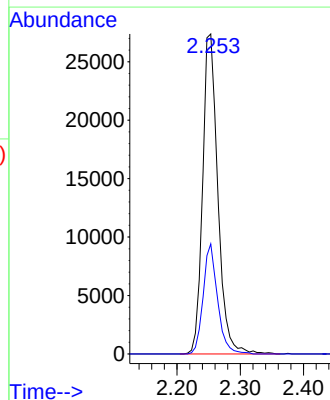
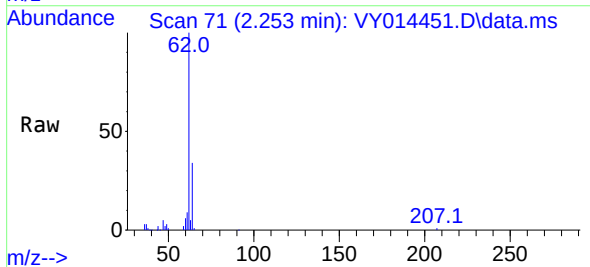
Instrument :
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ClientSampleId :
VY0627SBSD01

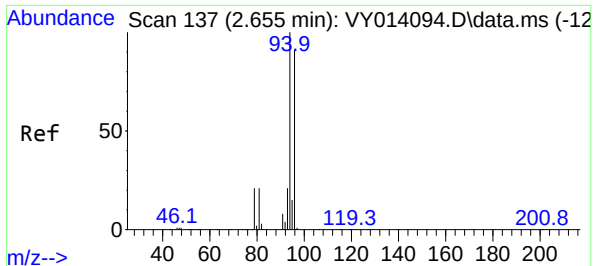
Tgt Ion: 50 Resp: 40609
Ion Ratio Lower Upper
50 100
52 32.8 25.4 38.2



#4
Vinyl Chloride
Concen: 18.547 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 62 Resp: 45981
Ion Ratio Lower Upper
62 100
64 34.4 24.3 36.5

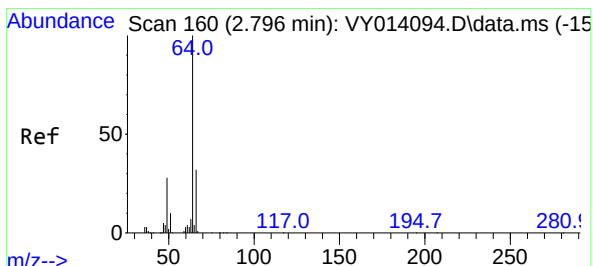
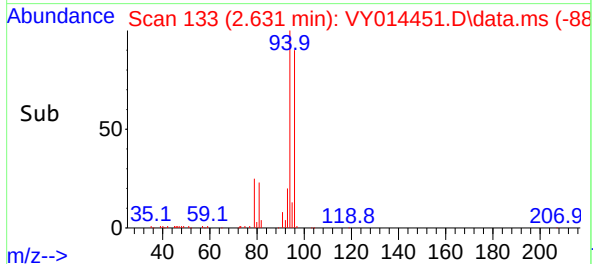
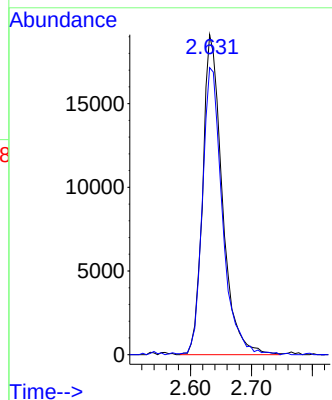
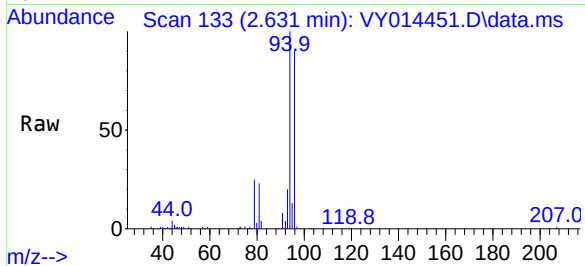




#5
Bromomethane
Concen: 19.596 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

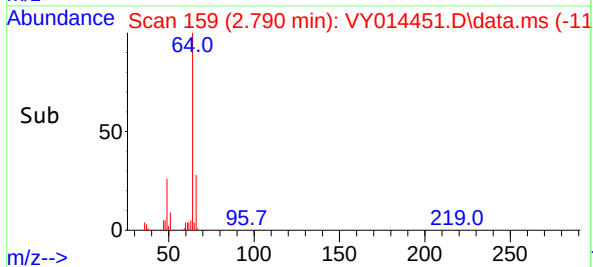
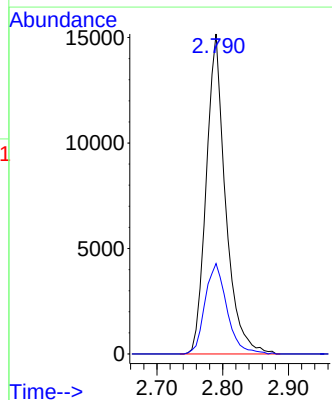
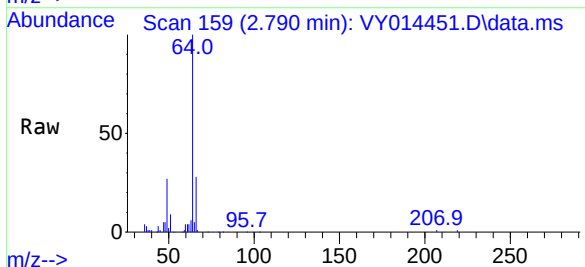
Instrument :
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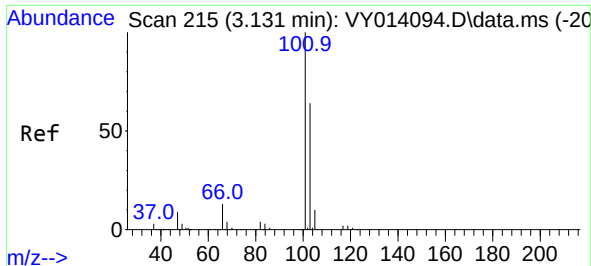
Tgt Ion: 94 Resp: 42687
Ion Ratio Lower Upper
94 100
96 89.7 75.8 113.6



#6
Chloroethane
Concen: 18.846 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 64 Resp: 30949
Ion Ratio Lower Upper
64 100
66 28.2 24.4 36.6

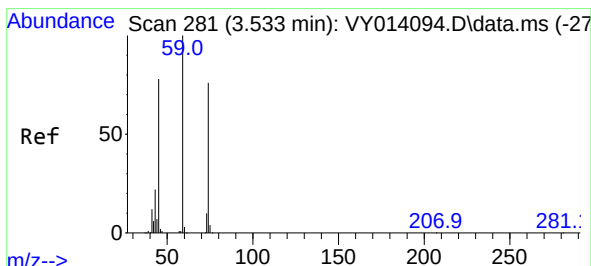
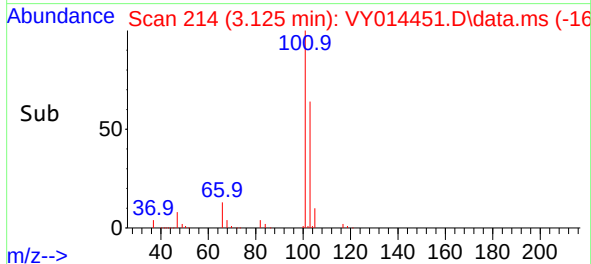
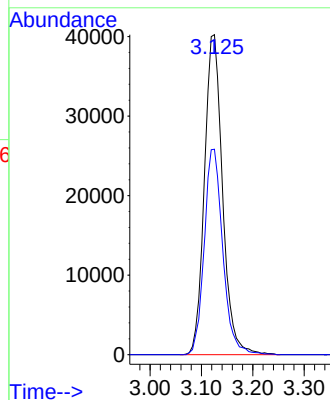
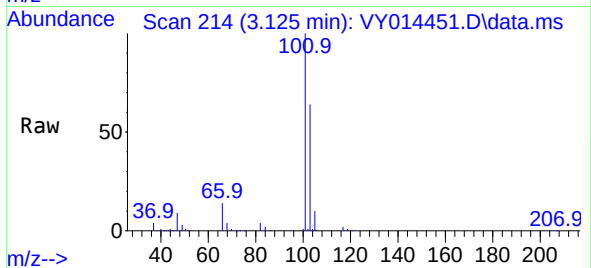




#7
Trichlorofluoromethane
Concen: 20.165 ug/l
RT: 3.125 min Scan# 215
Delta R.T. -0.006 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

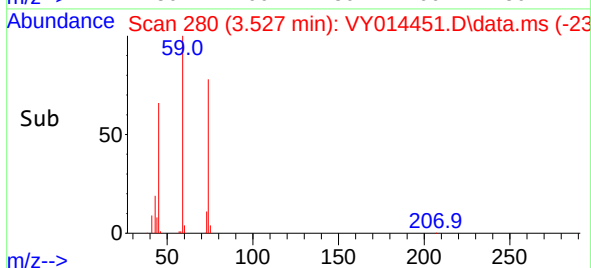
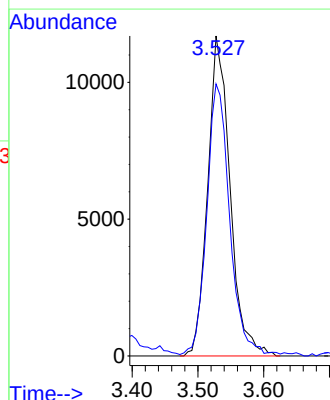
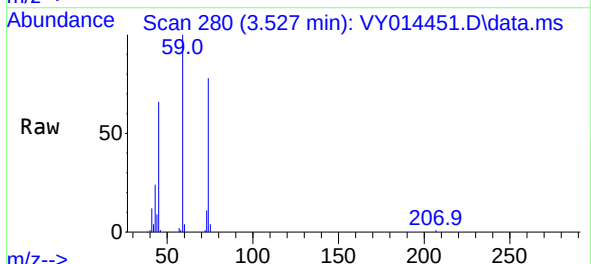
Instrument :
MSVOA_Y
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VY0627SBSD01

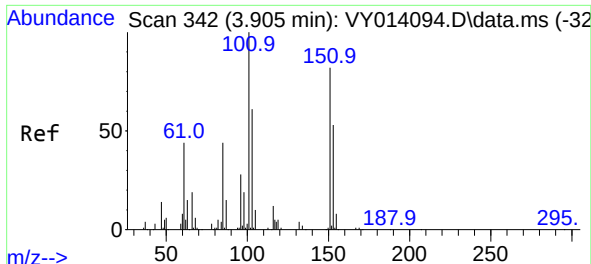
Tgt Ion:101 Resp: 98705
Ion Ratio Lower Upper
101 100
103 64.2 51.4 77.0



#8
Diethyl Ether
Concen: 18.529 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.006 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 74 Resp: 27652
Ion Ratio Lower Upper
74 100
45 85.5 51.5 154.5

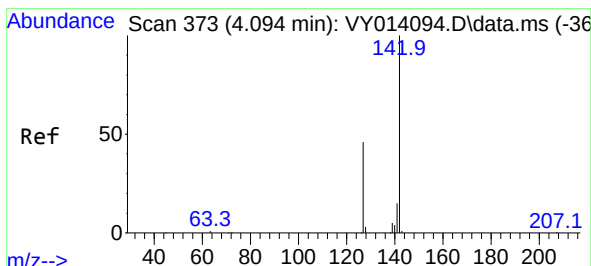
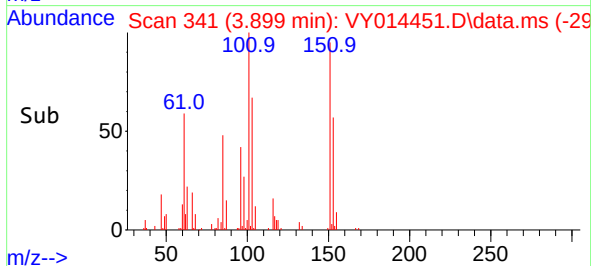
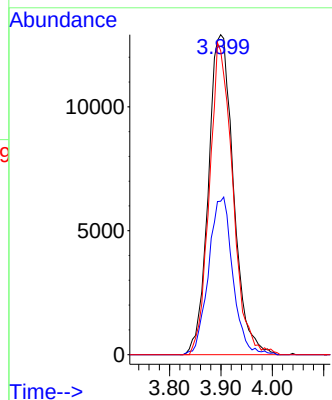
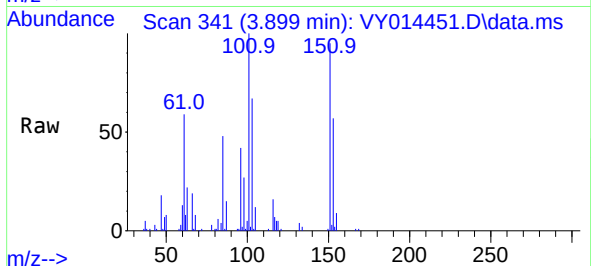




#9
1,1,2-Trichlorotrifluoroethane
Concen: 18.918 ug/l
RT: 3.899 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY014451.D
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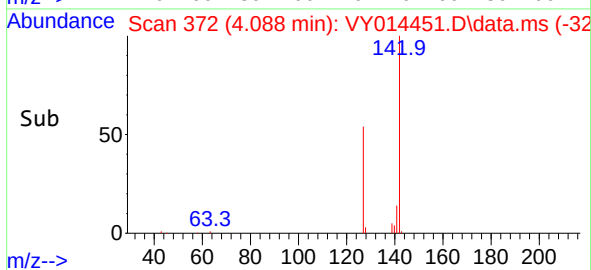
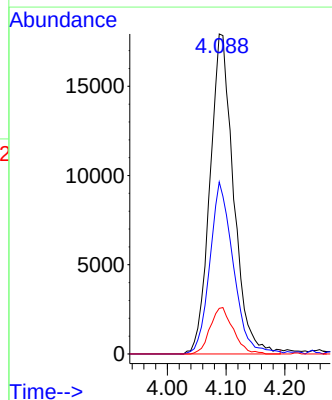
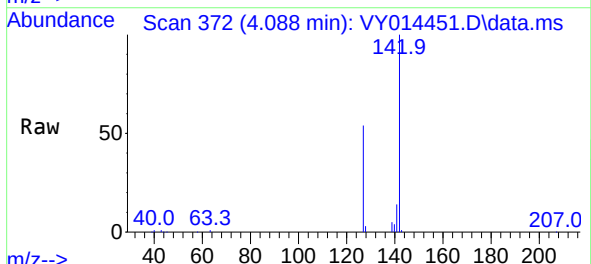
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

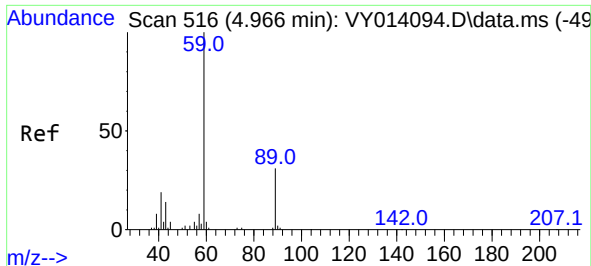
Tgt Ion:101 Resp: 43765
Ion Ratio Lower Upper
101 100
85 47.5 36.6 55.0
151 90.5 67.0 100.6



#10
Methyl Iodide
Concen: 18.336 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.006 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:142 Resp: 50153
Ion Ratio Lower Upper
142 100
127 53.3 37.6 56.4
141 14.2 11.8 17.8

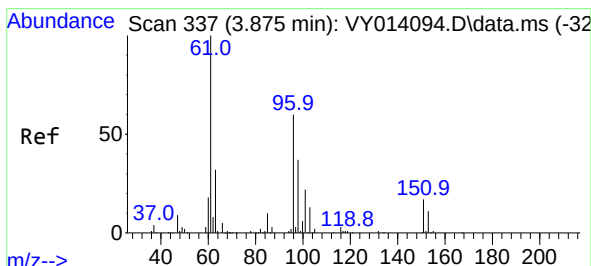
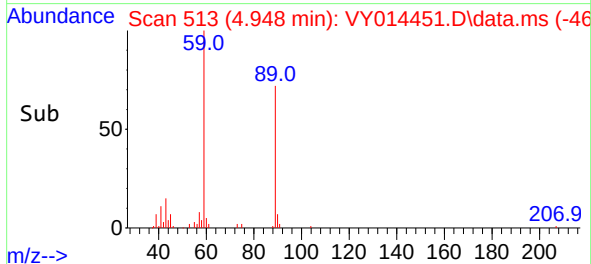
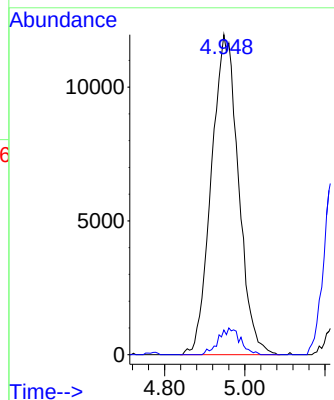
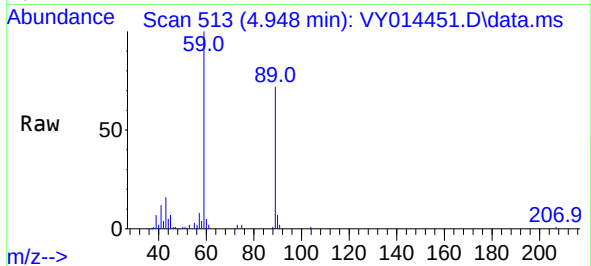




#11
Tert butyl alcohol
Concen: 129.024 ug/l
RT: 4.948 min Scan# 516
Delta R.T. -0.018 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

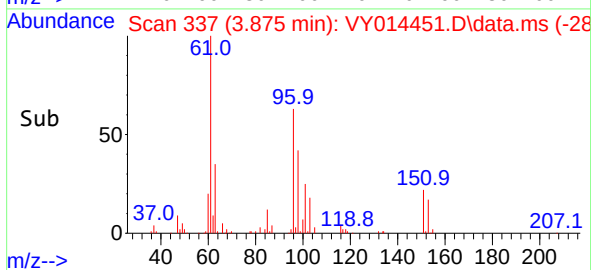
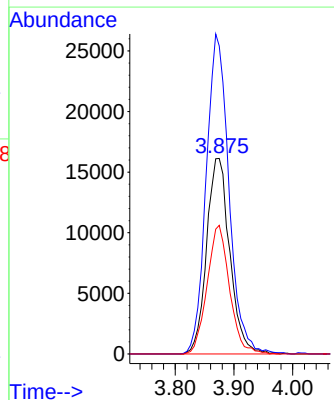
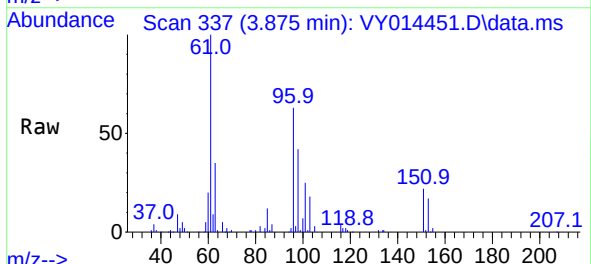
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

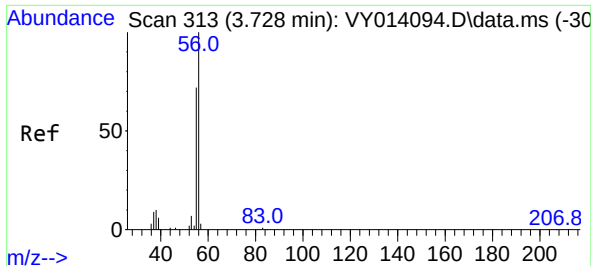
Tgt Ion: 59 Resp: 56178
Ion Ratio Lower Upper
59 100
57 6.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.146 ug/l
RT: 3.875 min Scan# 337
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 96 Resp: 44169
Ion Ratio Lower Upper
96 100
61 157.5 136.4 204.6
98 65.7 49.4 74.2

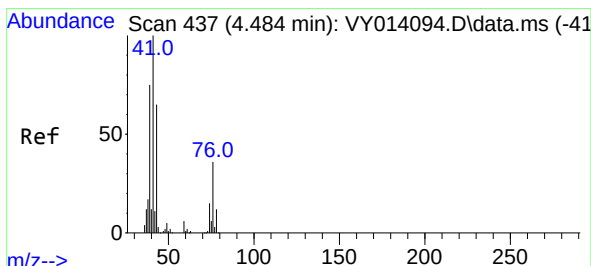
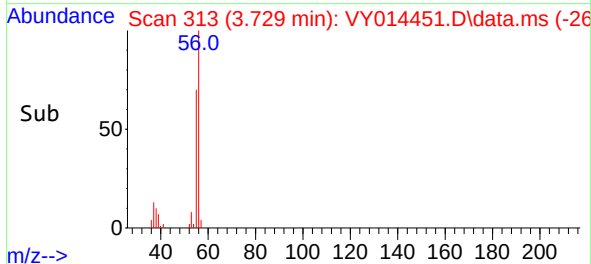
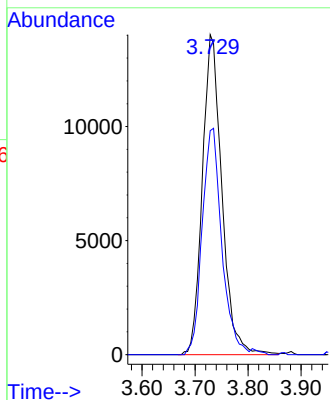
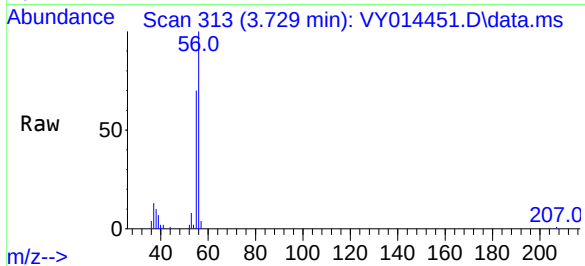




#13
Acrolein
Concen: 89.186 ug/l
RT: 3.729 min Scan# 313
Delta R.T. 0.001 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

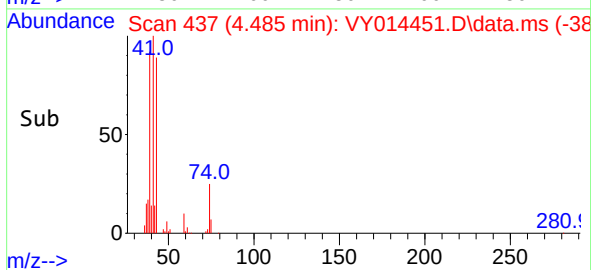
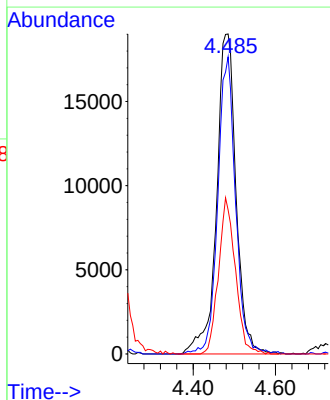
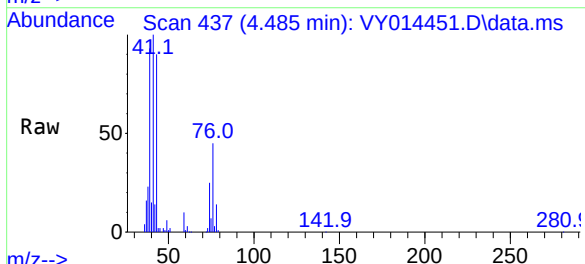
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

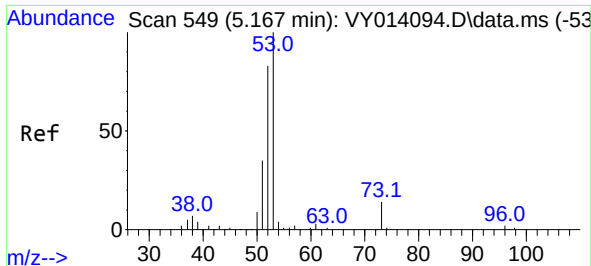
Tgt Ion: 56 Resp: 35879
Ion Ratio Lower Upper
56 100
55 70.6 57.0 85.4



#14
Allyl chloride
Concen: 16.986 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.001 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 41 Resp: 62583
Ion Ratio Lower Upper
41 100
39 84.8 58.0 87.0
76 42.3 27.4 41.2#

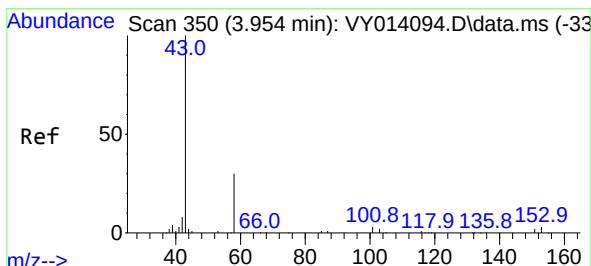
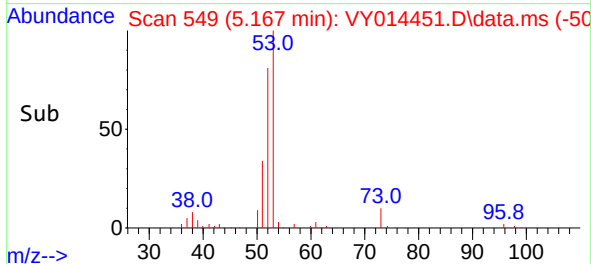
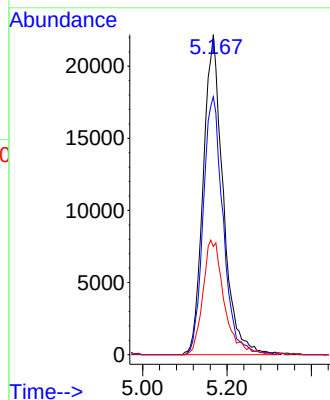
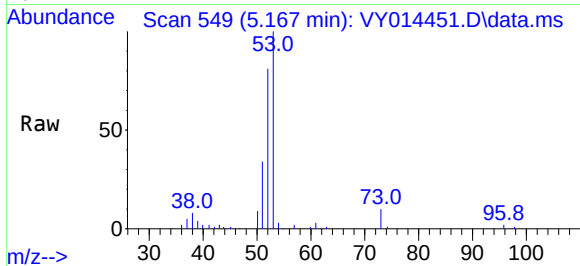




#15
Acrylonitrile
Concen: 87.063 ug/l
RT: 5.167 min Scan# 549
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

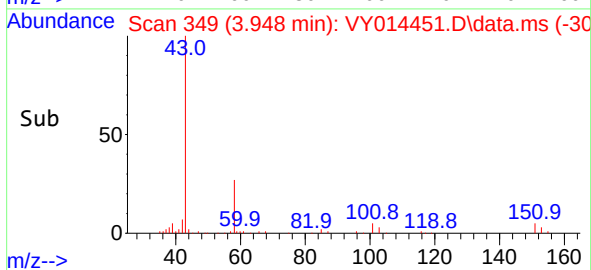
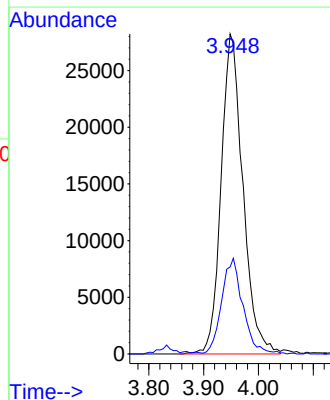
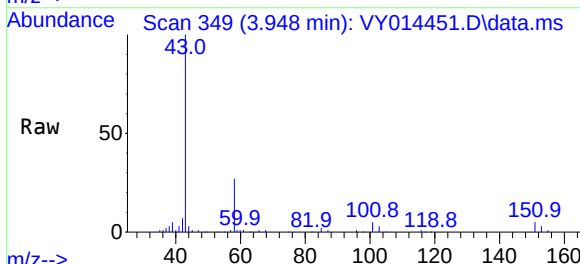
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

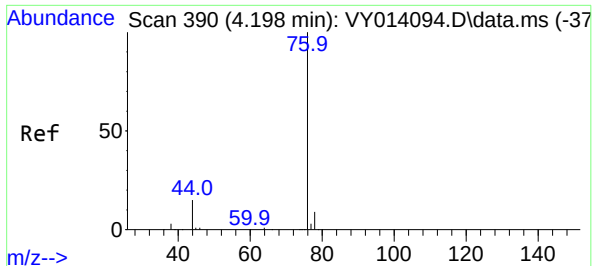
Tgt Ion:	53	Resp:	72654
Ion	Ratio	Lower	Upper
53	100		
52	80.6	66.9	100.3
51	38.4	29.8	44.6



#16
Acetone
Concen: 79.672 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.006 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:	43	Resp:	77944
Ion	Ratio	Lower	Upper
43	100		
58	26.9	22.7	34.1

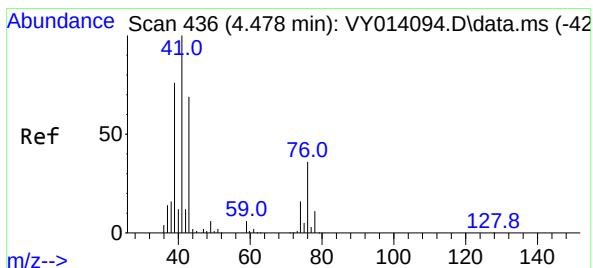
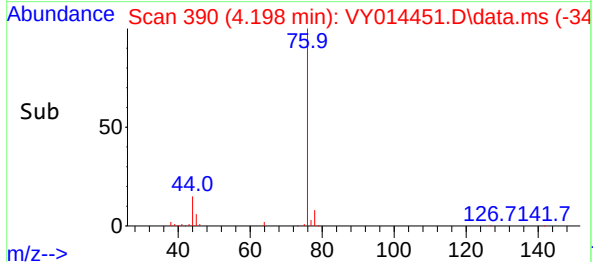
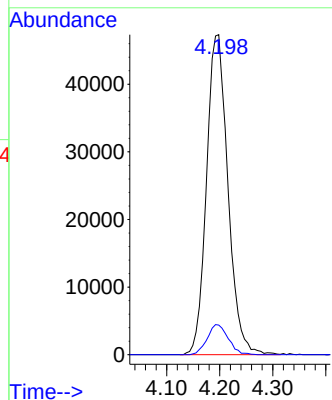
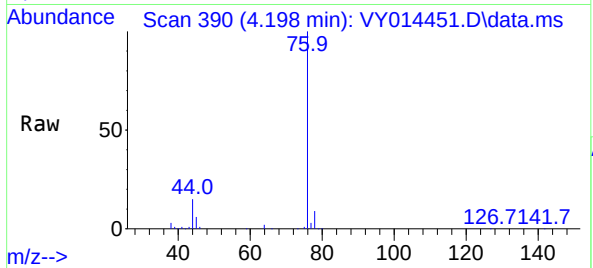




#17
Carbon Disulfide
Concen: 18.615 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

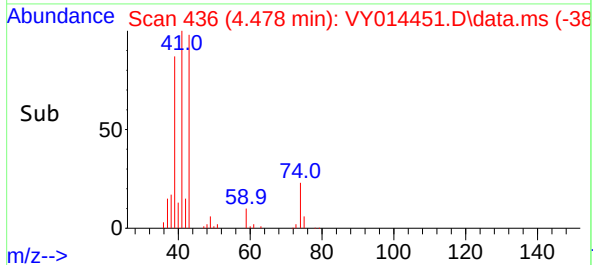
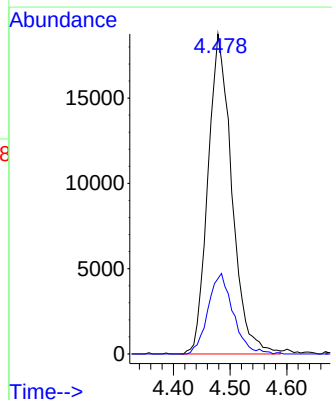
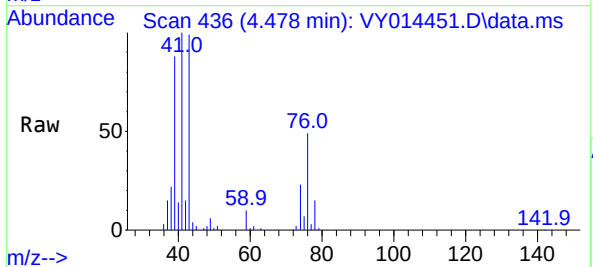
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

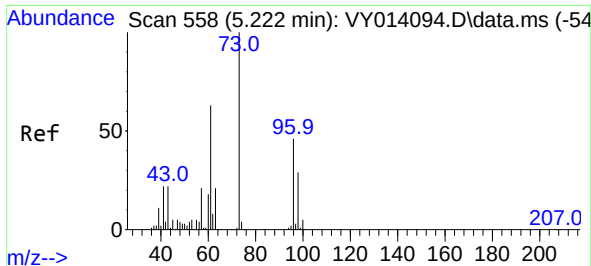
Tgt Ion: 76 Resp: 132890
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 16.311 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 43 Resp: 54858
Ion Ratio Lower Upper
43 100
74 26.4 17.4 26.0#

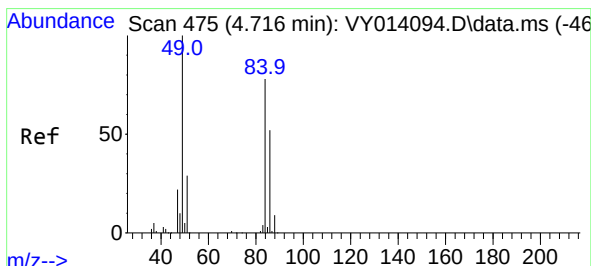
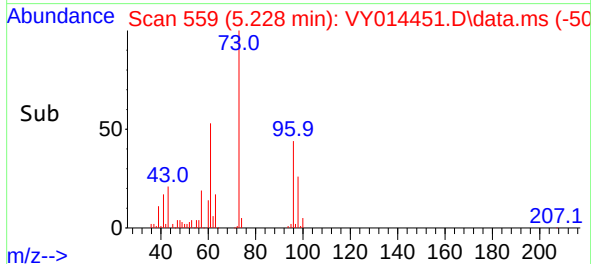
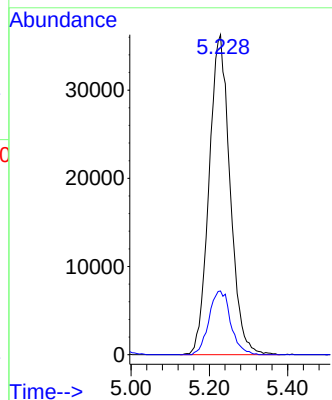
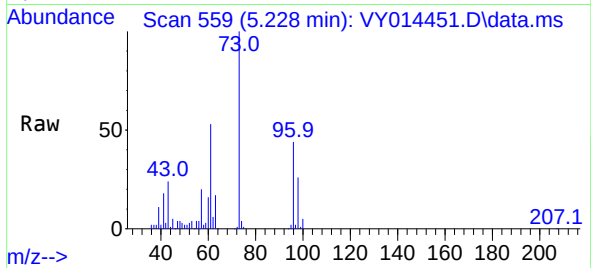




#19
Methyl tert-butyl Ether
Concen: 19.002 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

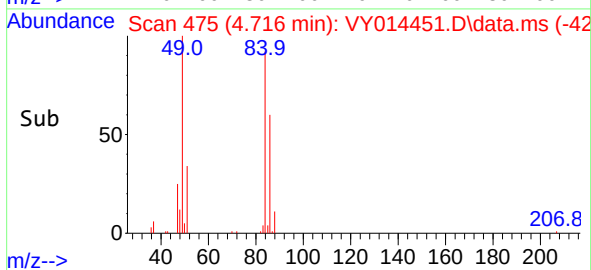
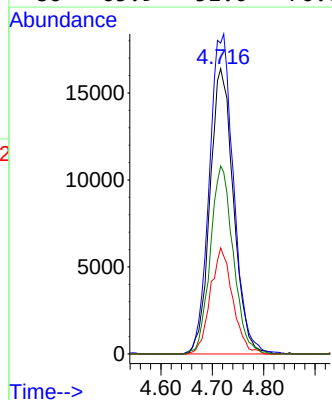
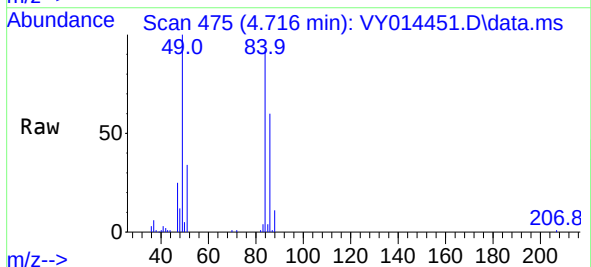
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

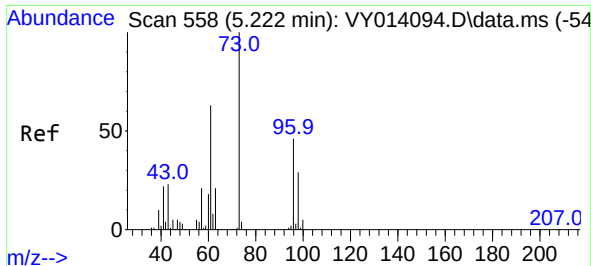
Tgt Ion: 73 Resp: 134827
Ion Ratio Lower Upper
73 100
57 19.9 17.3 25.9



#20
Methylene Chloride
Concen: 14.470 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 84 Resp: 52040
Ion Ratio Lower Upper
84 100
49 109.0 106.9 160.3
51 37.2 33.2 49.8
86 65.9 51.0 76.6

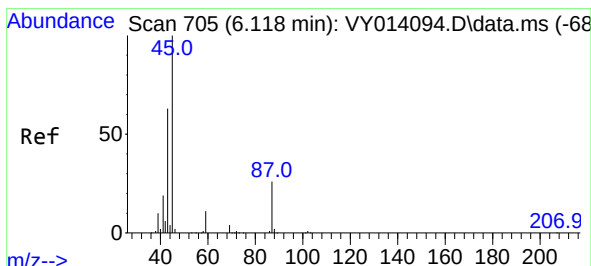
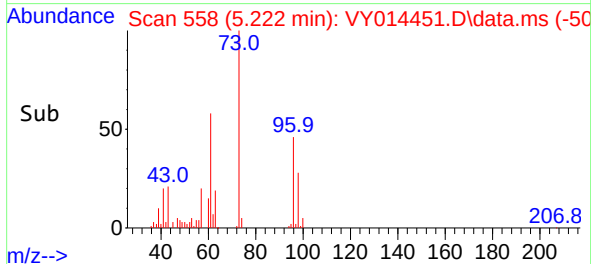
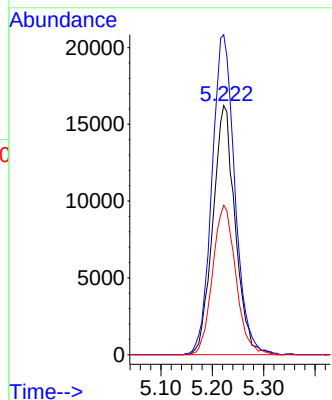
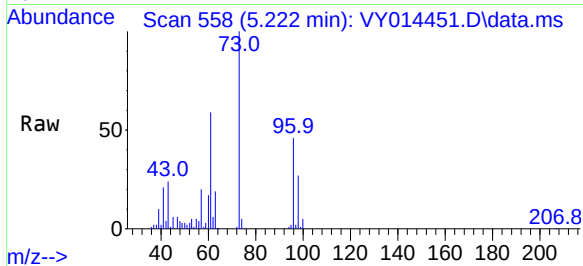




#21
trans-1,2-Dichloroethene
Concen: 19.325 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

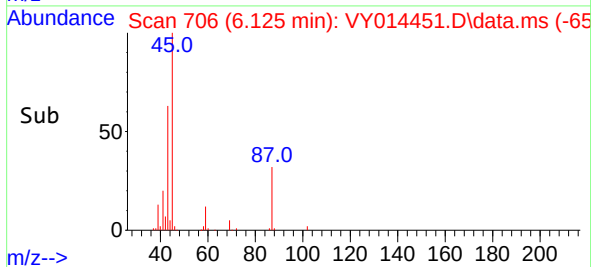
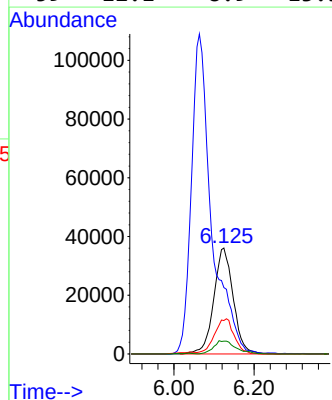
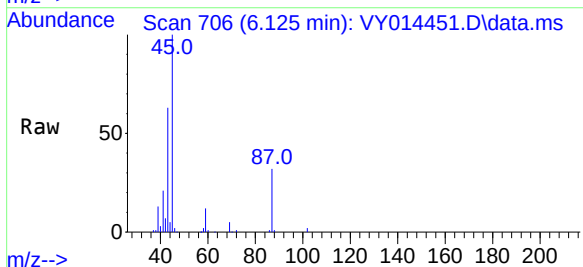
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

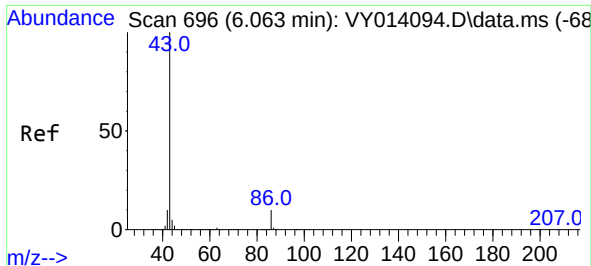
Tgt Ion: 96 Resp: 49019
Ion Ratio Lower Upper
96 100
61 128.4 110.2 165.4
98 59.9 51.8 77.6



#22
Diisopropyl ether
Concen: 16.563 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.007 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 45 Resp: 121270
Ion Ratio Lower Upper
45 100
43 62.4 52.2 78.4
87 31.6 21.0 31.6#
59 12.1 8.9 13.3

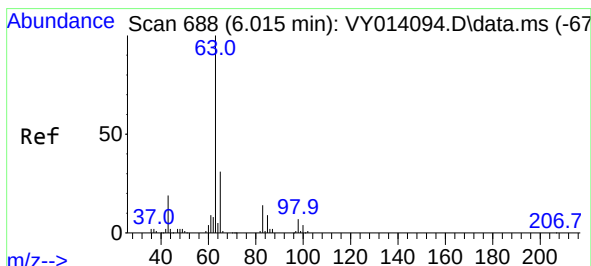
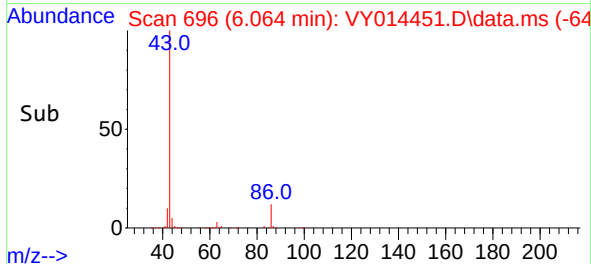
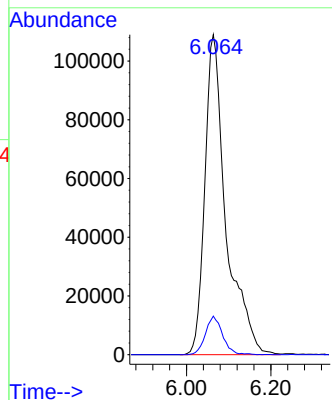
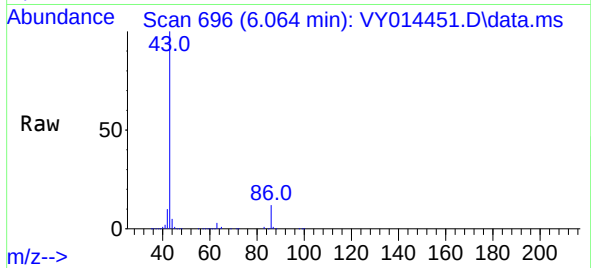




#23
 Vinyl Acetate
 Concen: 101.839 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.001 min
 Lab File: VY014451.D
 Acq: 27 Jun 2023 12:27

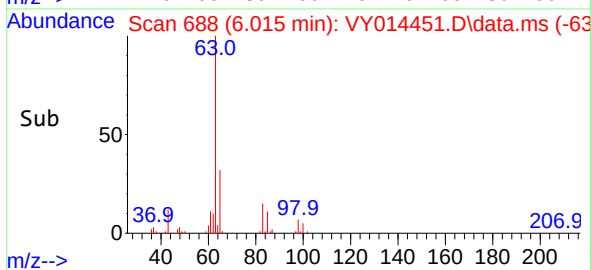
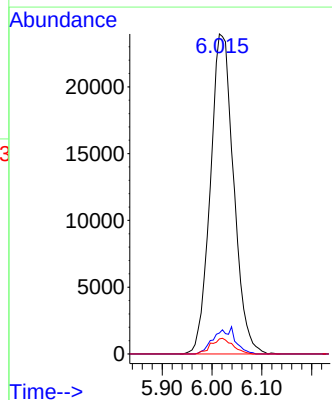
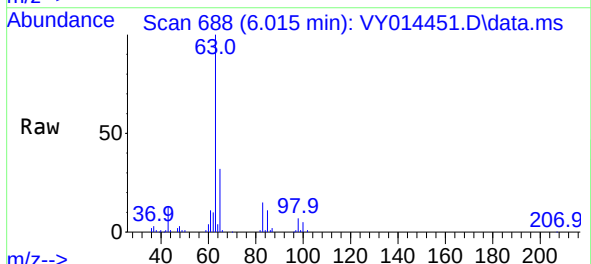
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBS01

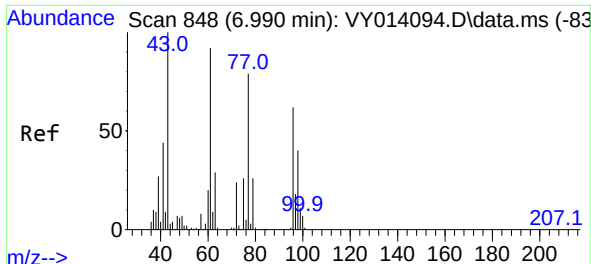
Tgt Ion: 43 Resp: 380700
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 17.900 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.000 min
 Lab File: VY014451.D
 Acq: 27 Jun 2023 12:27

Tgt Ion: 63 Resp: 77824
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.7 1.8 5.5

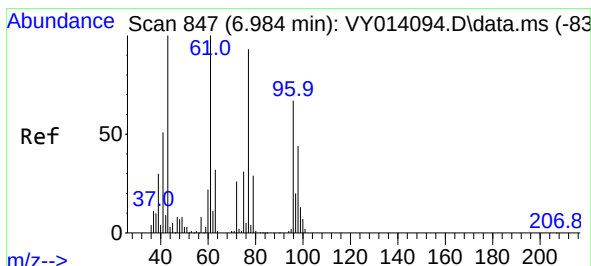
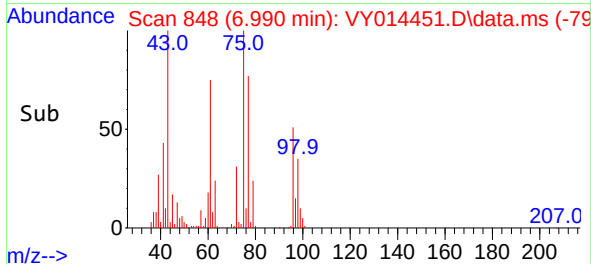
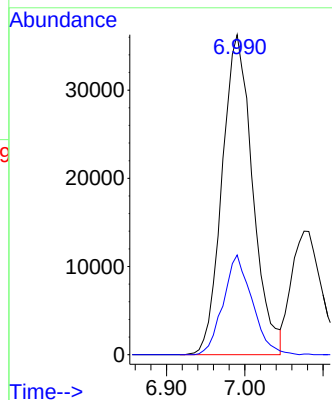
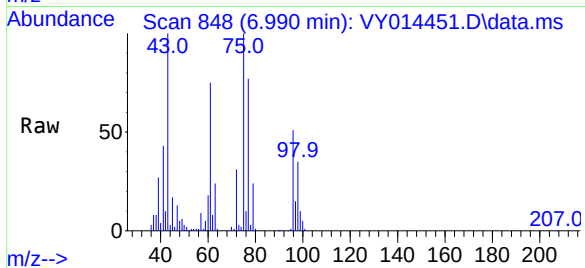




#25
2-Butanone
Concen: 80.767 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

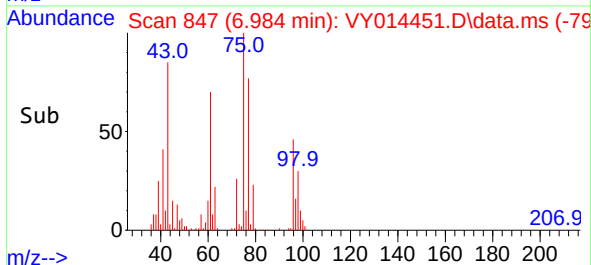
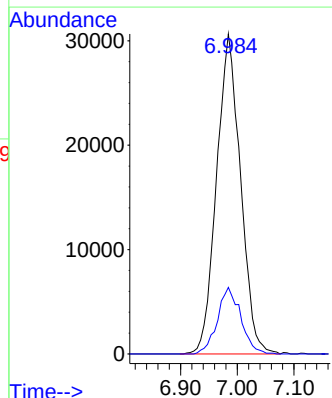
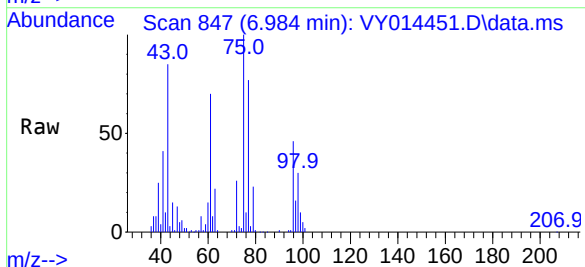
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

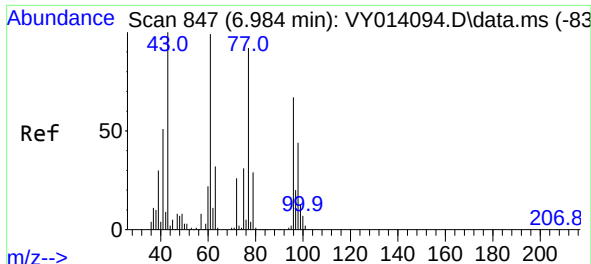
Tgt Ion: 43 Resp: 98416
Ion Ratio Lower Upper
43 100
72 31.2 20.5 30.7#



#26
2,2-Dichloropropane
Concen: 19.515 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 77 Resp: 89718
Ion Ratio Lower Upper
77 100
97 20.3 10.9 32.9



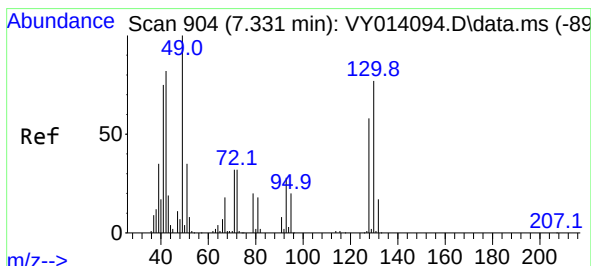
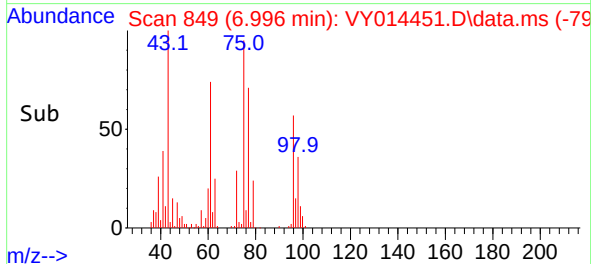
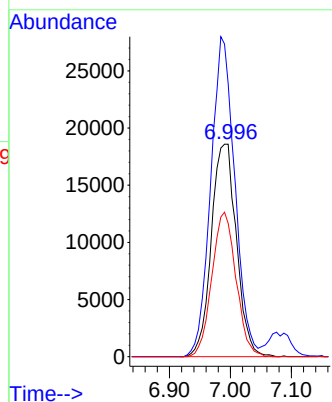
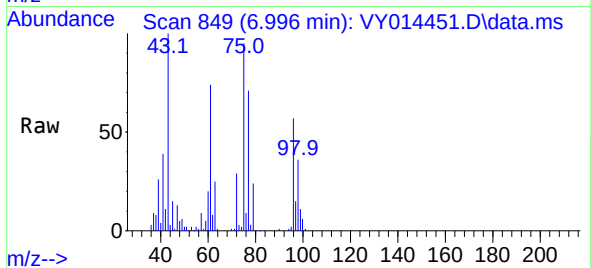


#27
 cis-1,2-Dichloroethene
 Concen: 18.649 ug/l
 RT: 6.996 min Scan# 847
 Delta R.T. 0.012 min
 Lab File: VY014451.D
 Acq: 27 Jun 2023 12:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBS01

Tgt Ion: 96 Resp: 53249

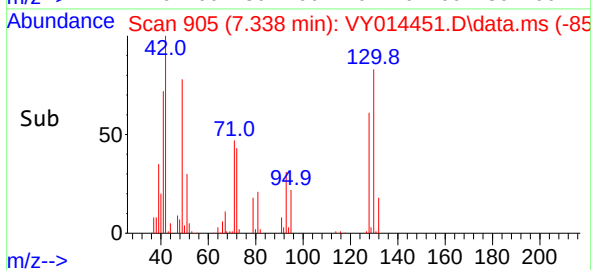
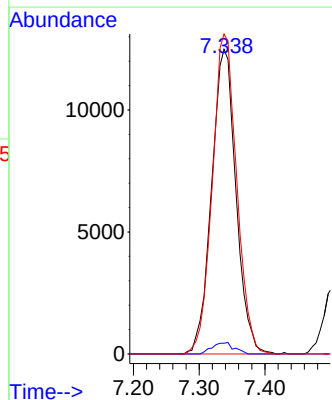
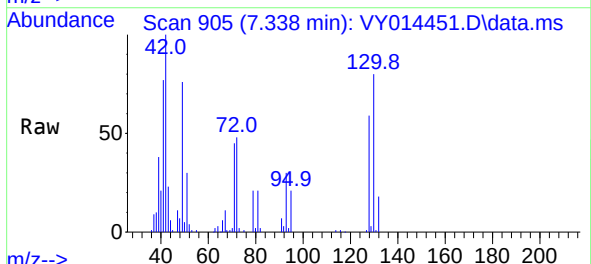
Ion	Ratio	Lower	Upper
96	100		
61	144.0	0.0	301.4
98	65.3	0.0	130.4

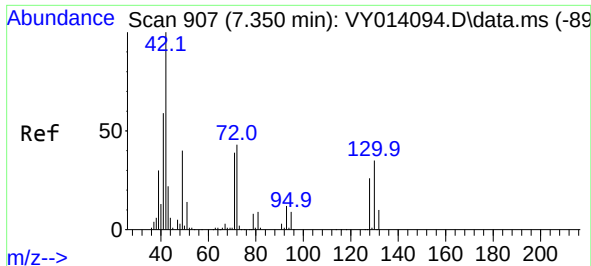


#28
 Bromochloromethane
 Concen: 16.999 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.007 min
 Lab File: VY014451.D
 Acq: 27 Jun 2023 12:27

Tgt Ion: 49 Resp: 32233

Ion	Ratio	Lower	Upper
49	100		
129	3.4	0.0	4.6
130	104.8	60.7	91.1





#29

Tetrahydrofuran

Concen: 80.403 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.006 min

Lab File: VY014451.D

Acq: 27 Jun 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

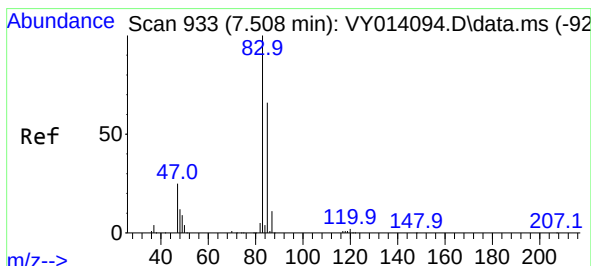
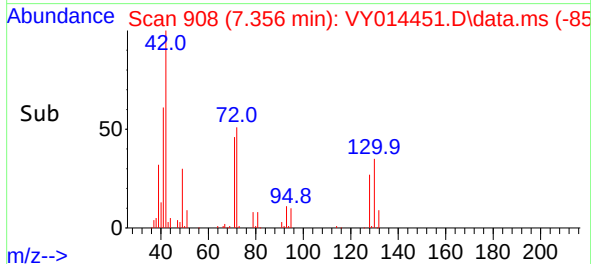
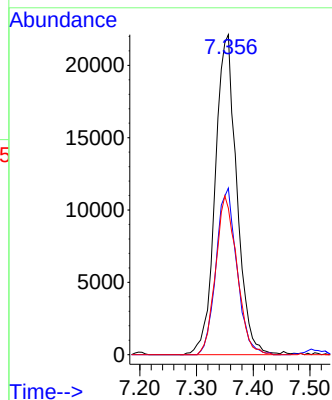
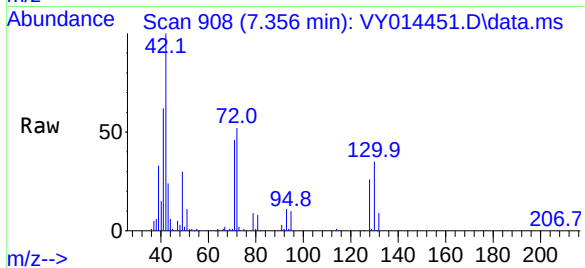
Tgt Ion: 42 Resp: 58419

Ion Ratio Lower Upper

42 100

72 50.2 32.8 49.2#

71 48.9 31.0 46.4#



#30

Chloroform

Concen: 18.919 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.000 min

Lab File: VY014451.D

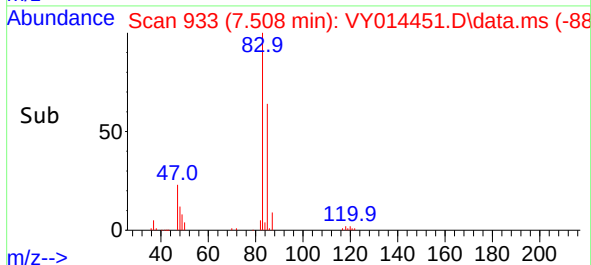
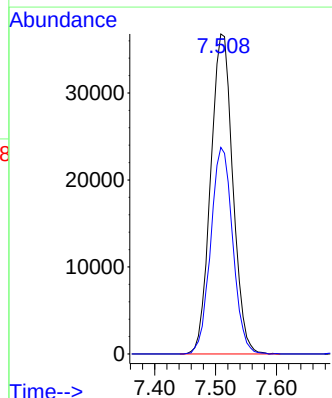
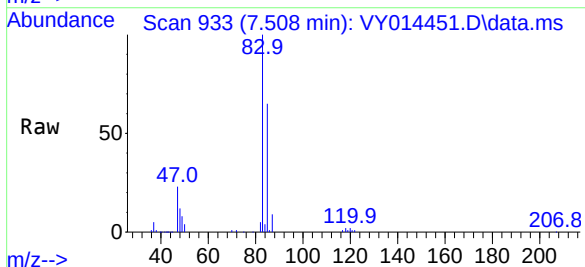
Acq: 27 Jun 2023 12:27

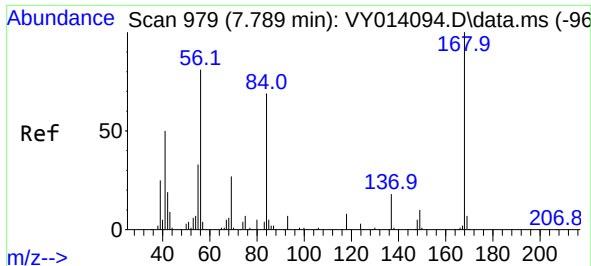
Tgt Ion: 83 Resp: 92790

Ion Ratio Lower Upper

83 100

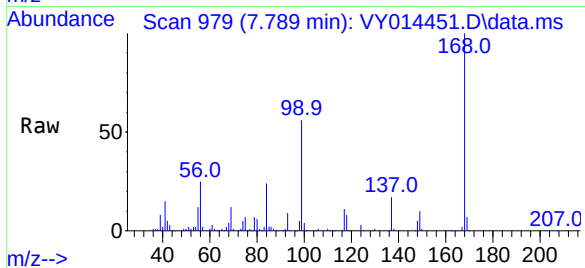
85 64.5 49.7 74.5



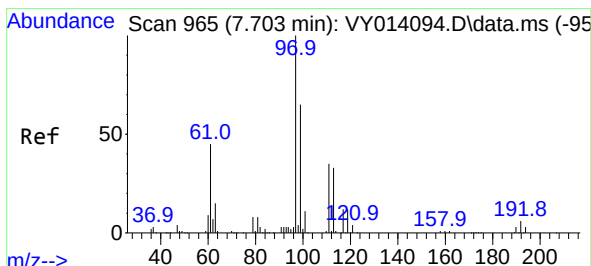
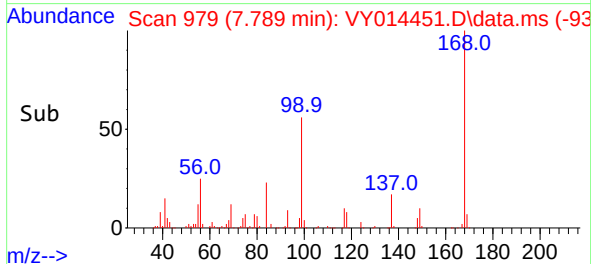
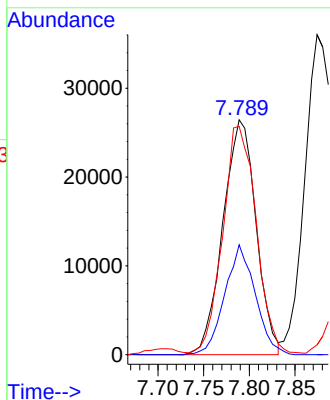


#31
Cyclohexane
Concen: 17.354 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

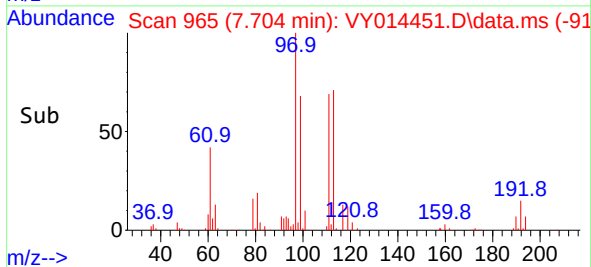
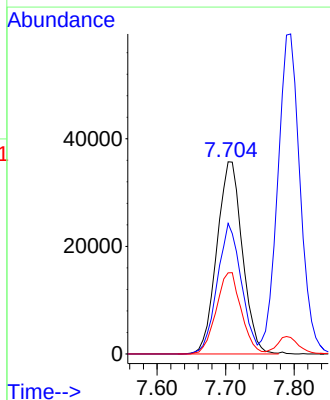
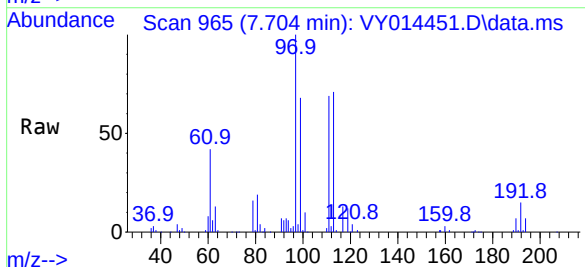


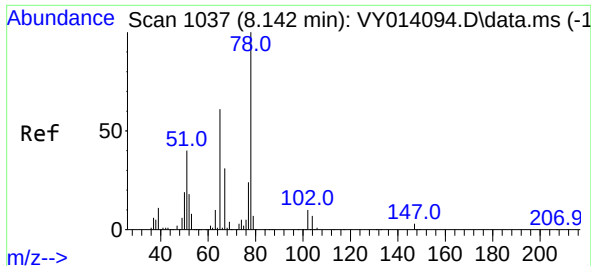
Tgt Ion: 56 Resp: 66643
Ion Ratio Lower Upper
56 100
69 46.8 27.8 41.6#
84 95.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.755 ug/l
RT: 7.704 min Scan# 965
Delta R.T. 0.001 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 97 Resp: 92224
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 41.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.731 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.007 min

Lab File: VY014451.D

Acq: 27 Jun 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

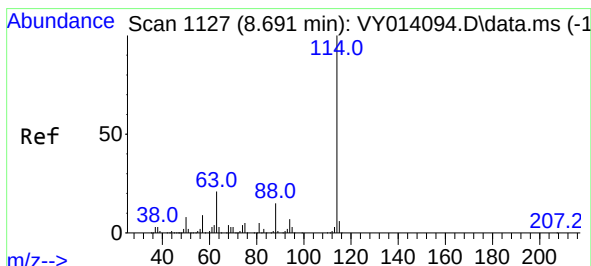
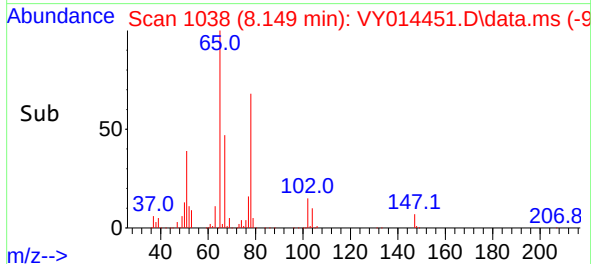
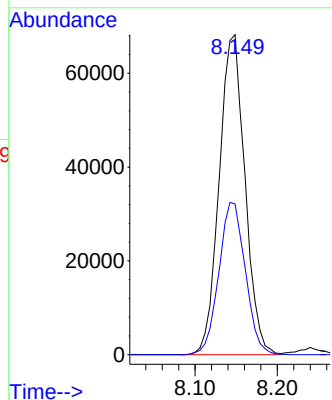
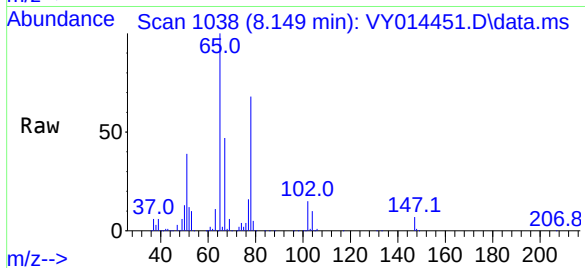
VY0627SBS01

Tgt Ion: 65 Resp: 148399

Ion Ratio Lower Upper

65 100

67 48.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY014451.D

Acq: 27 Jun 2023 12:27

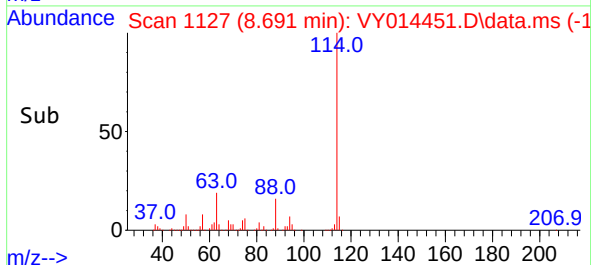
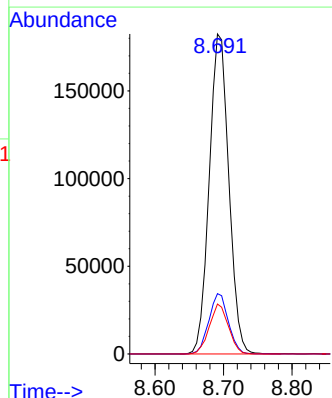
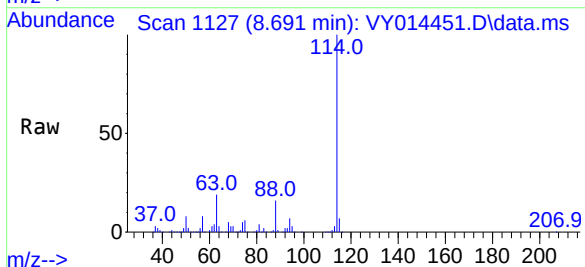
Tgt Ion: 114 Resp: 361744

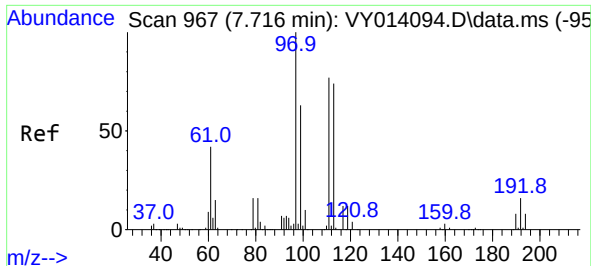
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

88 15.6 0.0 30.6

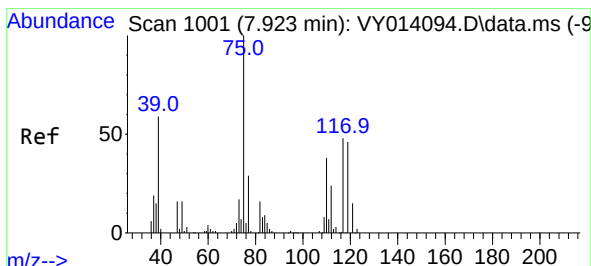
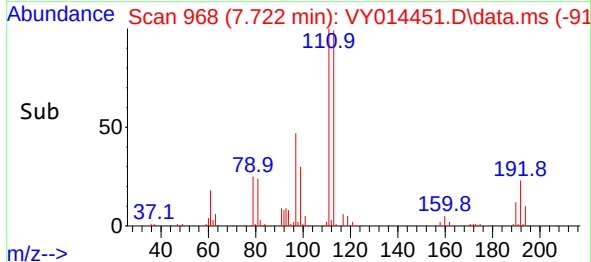
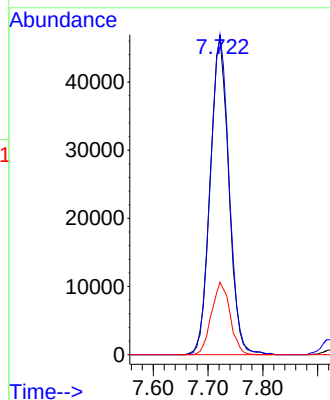
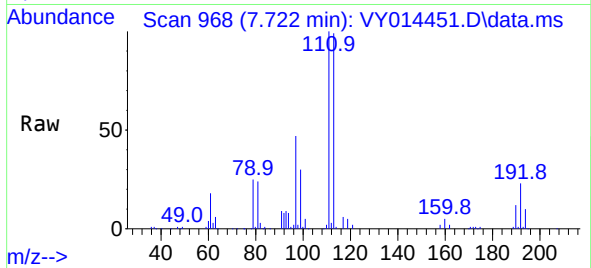




#35
Dibromofluoromethane
Concen: 49.144 ug/l
RT: 7.722 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

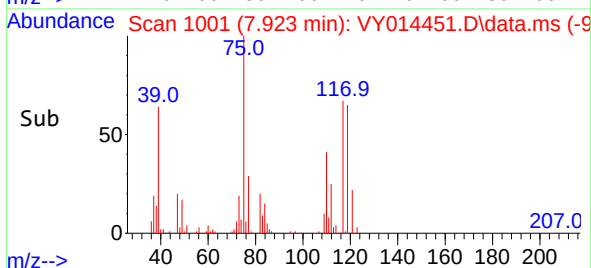
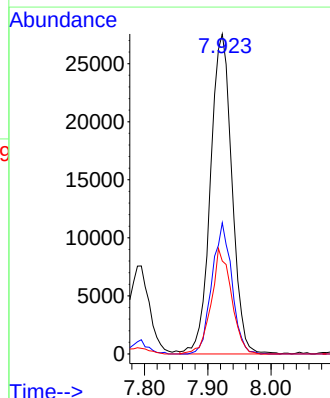
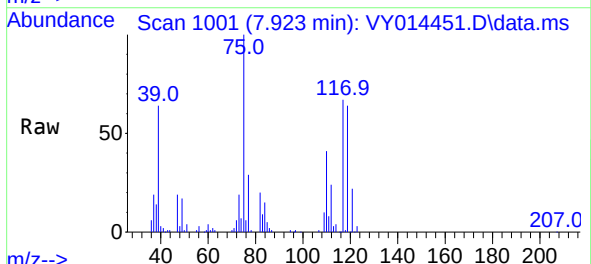
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

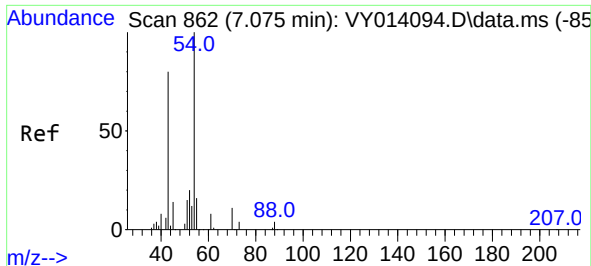
Tgt Ion:113 Resp: 109833
Ion Ratio Lower Upper
113 100
111 101.9 81.3 121.9
192 22.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 18.834 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 75 Resp: 64864
Ion Ratio Lower Upper
75 100
110 38.0 17.8 53.5
77 30.9 24.4 36.6

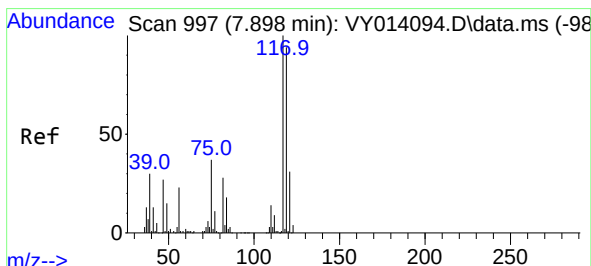
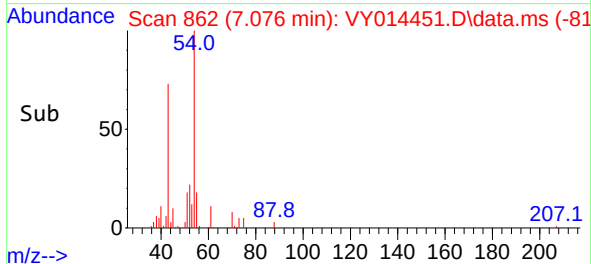
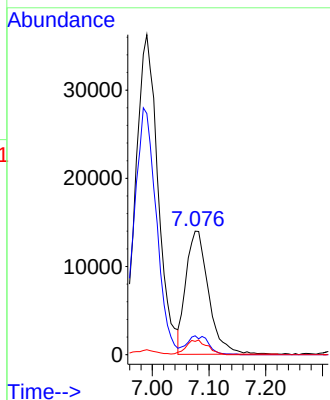
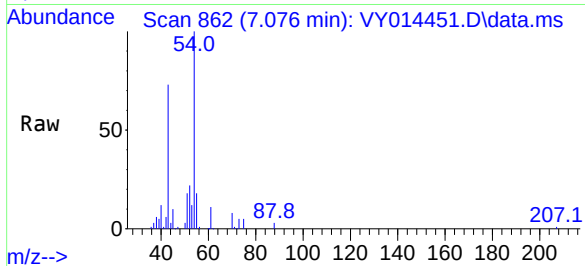




#37
Ethyl Acetate
Concen: 16.261 ug/l
RT: 7.076 min Scan# 80
Delta R.T. 0.001 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

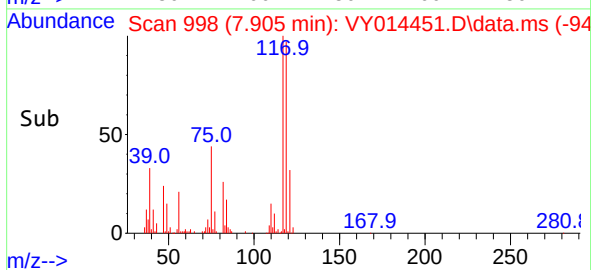
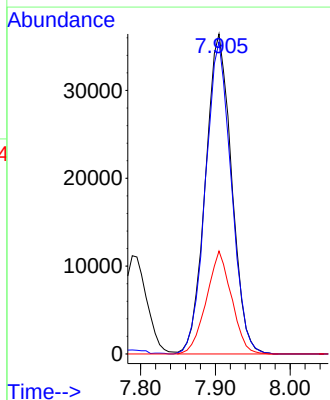
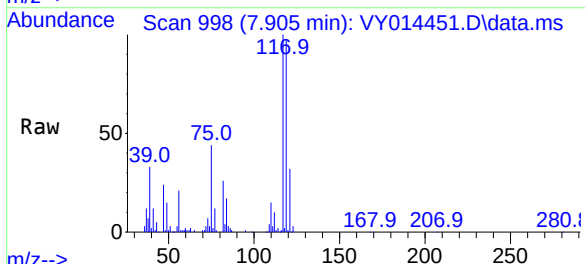
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

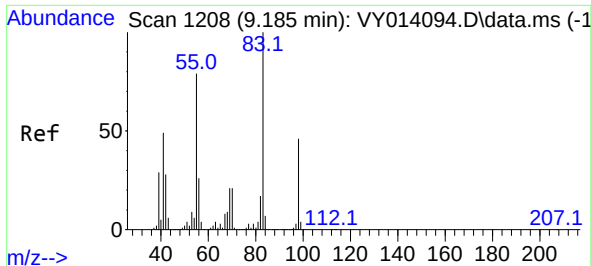
Tgt Ion: 43 Resp: 38596
Ion Ratio Lower Upper
43 100
61 15.1 10.1 15.1
70 11.3 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.448 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.007 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 117 Resp: 88624
Ion Ratio Lower Upper
117 100
119 97.5 76.4 114.6
121 32.1 25.8 38.6





#39

Methylcyclohexane

Concen: 18.985 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY014451.D

Acq: 27 Jun 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBSD01

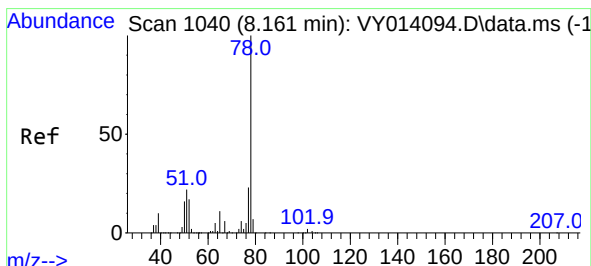
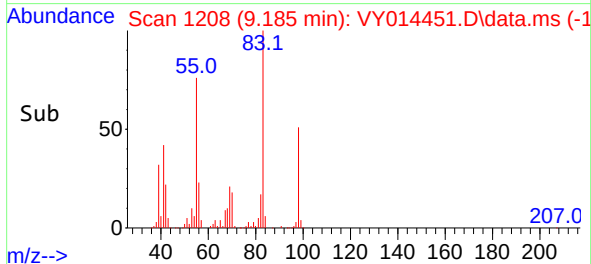
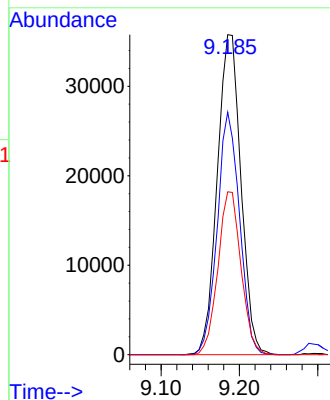
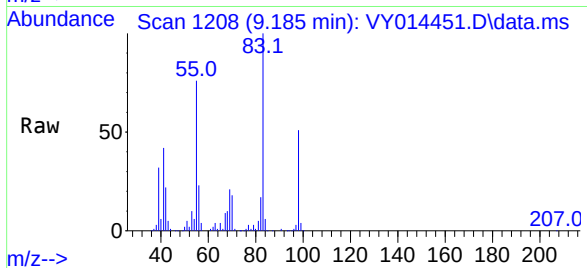
Tgt Ion: 83 Resp: 75225

Ion Ratio Lower Upper

83 100

55 75.8 63.0 94.4

98 50.9 37.4 56.2



#40

Benzene

Concen: 18.975 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY014451.D

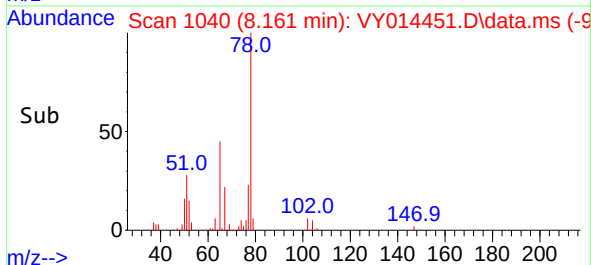
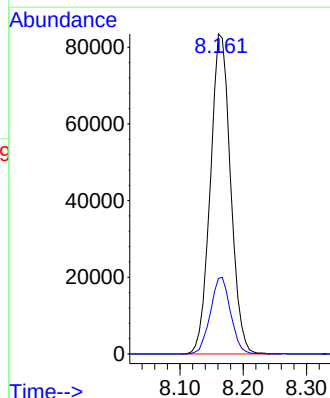
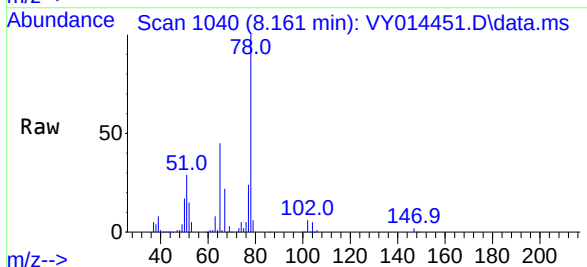
Acq: 27 Jun 2023 12:27

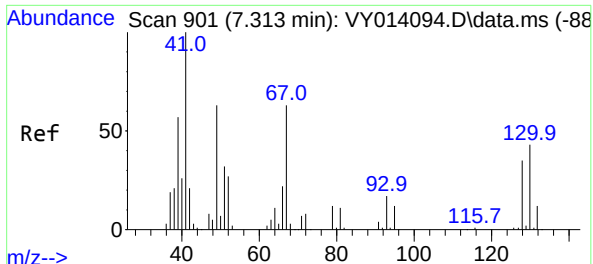
Tgt Ion: 78 Resp: 185092

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

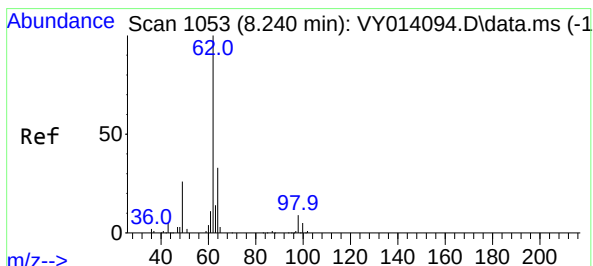
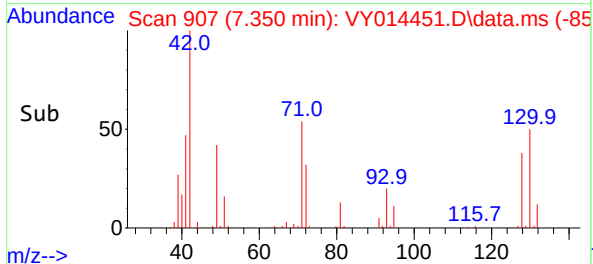
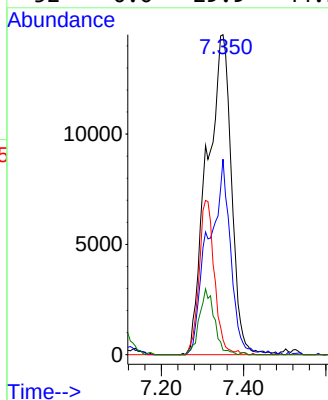
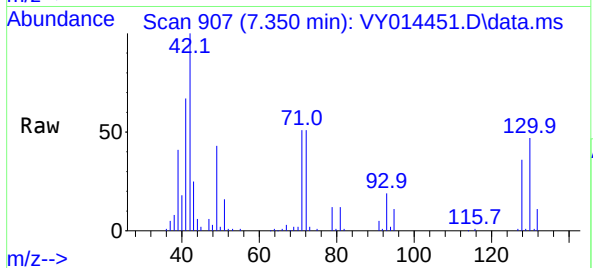




#41
Methacrylonitrile
Concen: 50.786 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

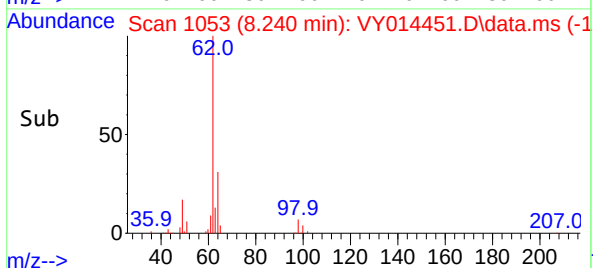
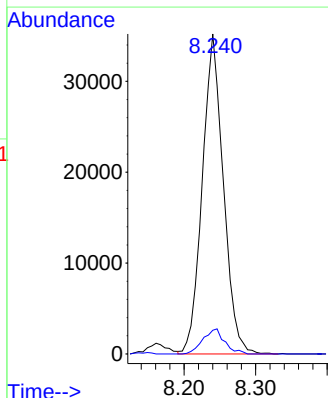
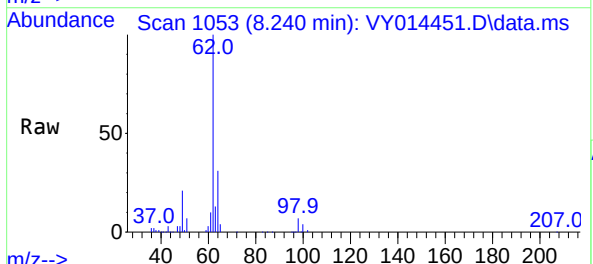
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

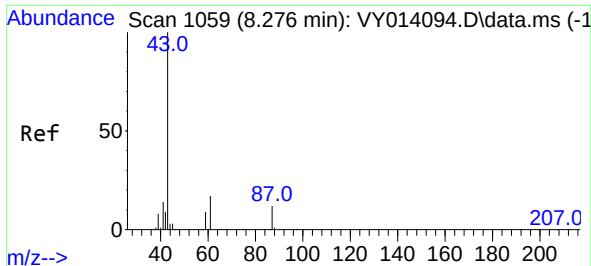
Tgt Ion:	41	Resp:	59738
Ion	Ratio	Lower	Upper
41	100		
39	55.9	52.1	78.1
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 19.486 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:	62	Resp:	72066
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	15.8

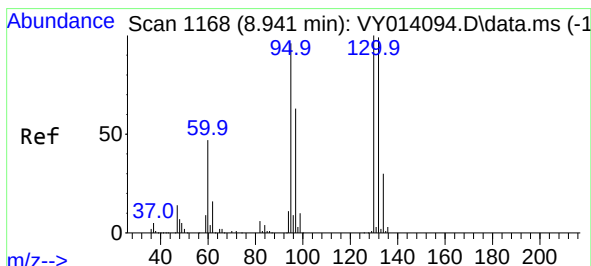
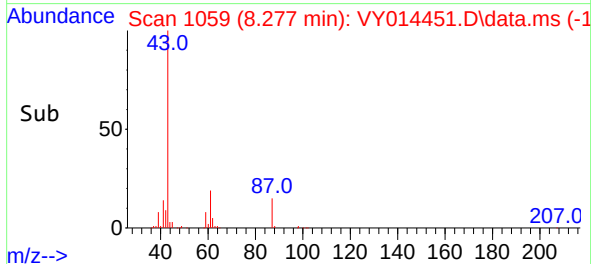
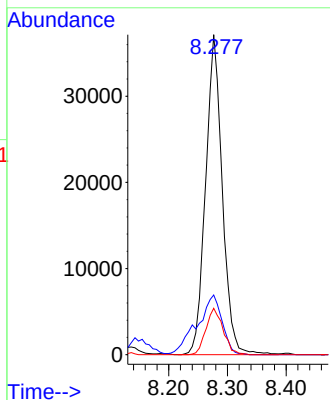
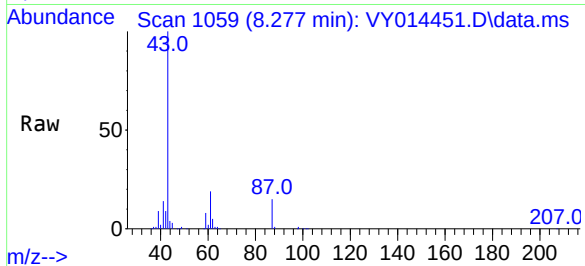




#43
Isopropyl Acetate
Concen: 17.542 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.001 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

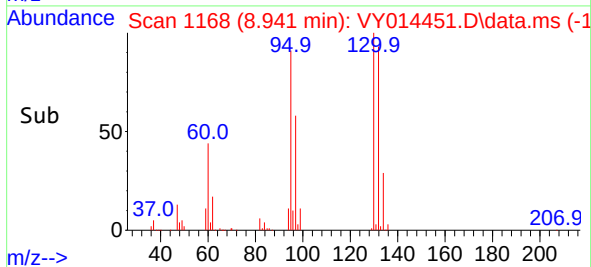
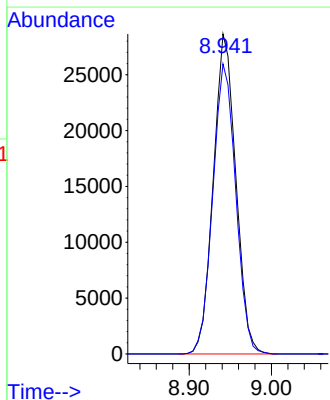
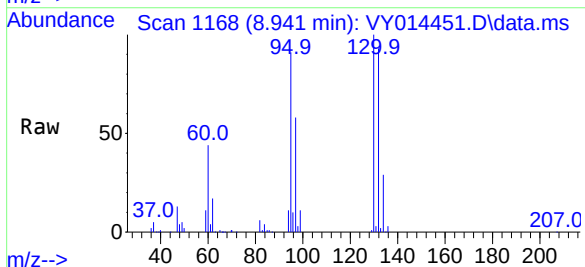
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

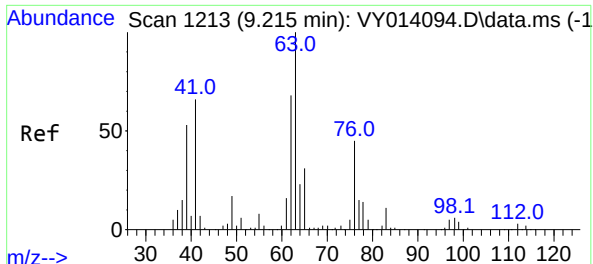
Tgt Ion: 43 Resp: 73521
Ion Ratio Lower Upper
43 100
61 28.0 21.1 31.7
87 14.9 9.8 14.8#



#44
Trichloroethene
Concen: 19.462 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:130 Resp: 54504
Ion Ratio Lower Upper
130 100
95 90.6 0.0 196.0

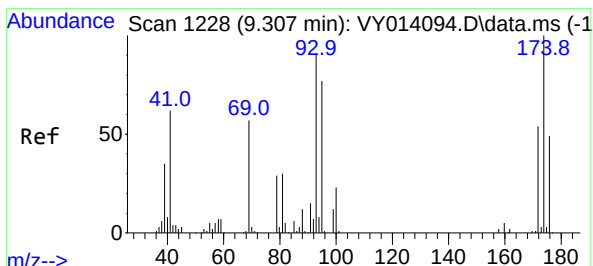
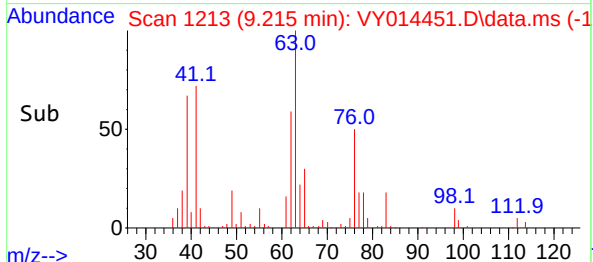
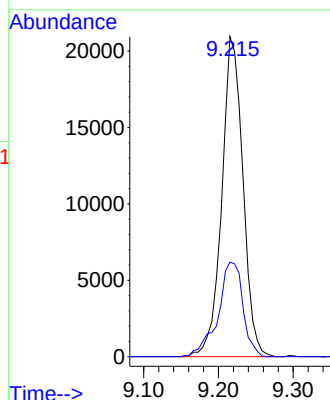
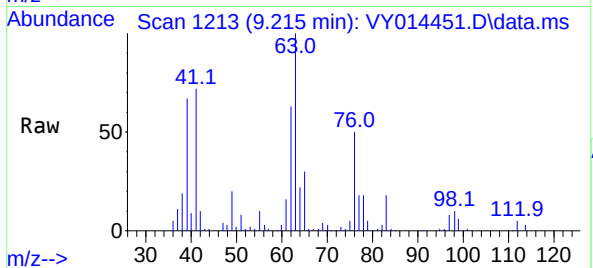




#45
1,2-Dichloropropane
Concen: 17.903 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

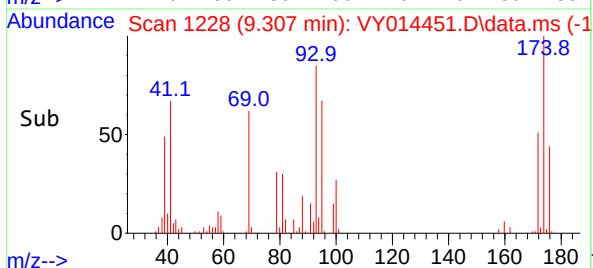
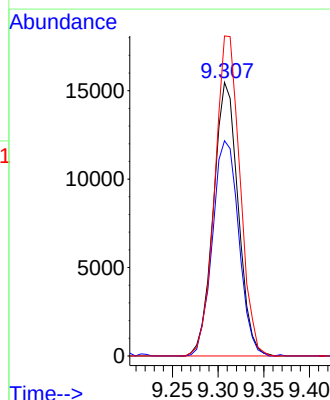
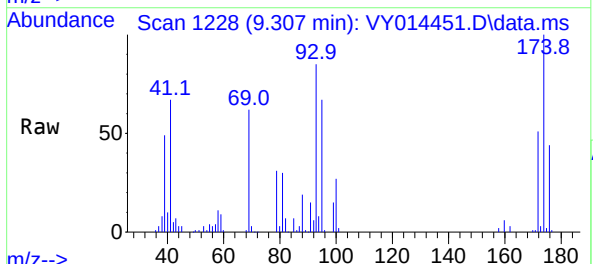
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

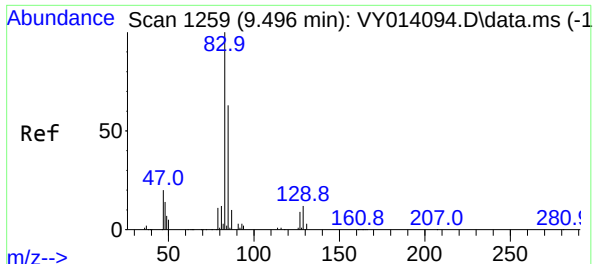
Tgt Ion: 63 Resp: 41177
Ion Ratio Lower Upper
63 100
65 29.6 23.8 35.6



#46
Dibromomethane
Concen: 18.527 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 93 Resp: 29119
Ion Ratio Lower Upper
93 100
95 83.6 66.6 100.0
174 118.8 84.8 127.2





#47

Bromodichloromethane

Concen: 19.216 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VY014451.D

Acq: 27 Jun 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBS01

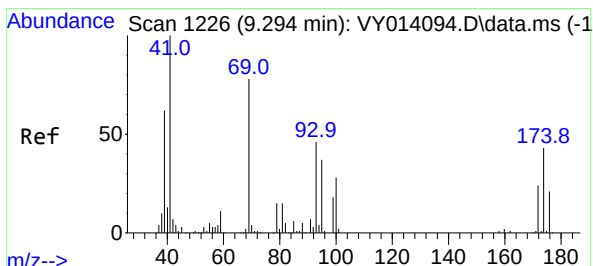
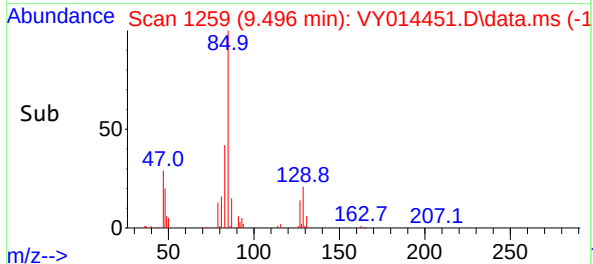
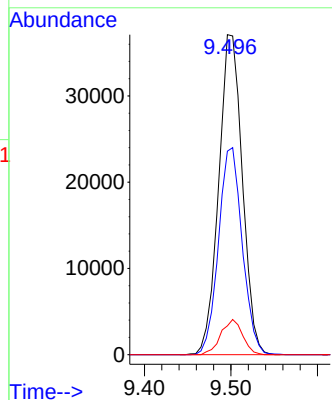
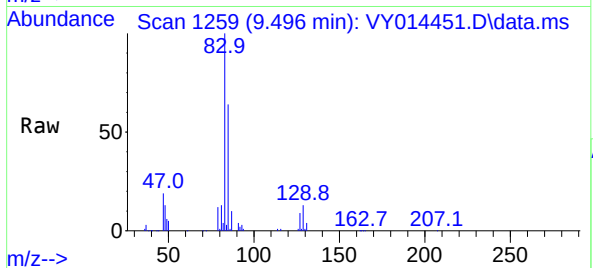
Tgt Ion: 83 Resp: 70395

Ion Ratio Lower Upper

83 100

85 63.6 50.1 75.1

127 9.0 7.1 10.7



#48

Methyl methacrylate

Concen: 17.454 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.001 min

Lab File: VY014451.D

Acq: 27 Jun 2023 12:27

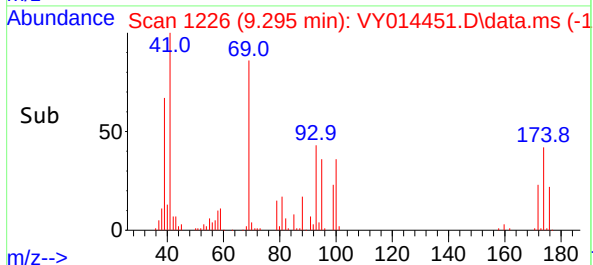
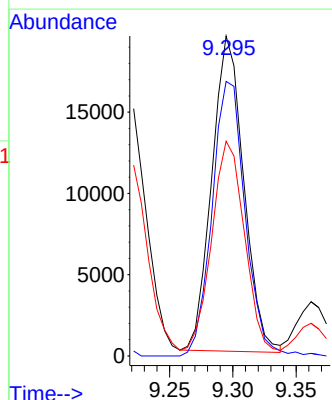
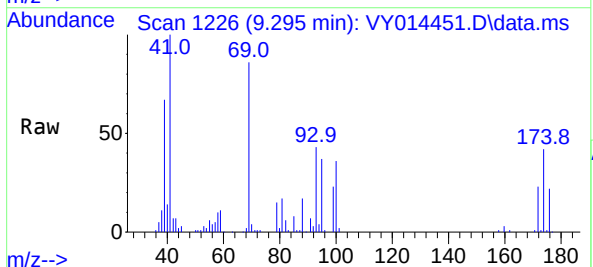
Tgt Ion: 41 Resp: 33975

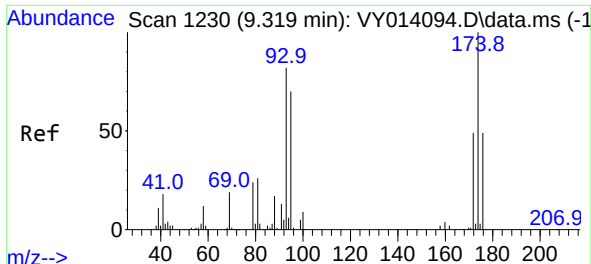
Ion Ratio Lower Upper

41 100

69 90.5 64.5 96.7

39 71.9 50.8 76.2

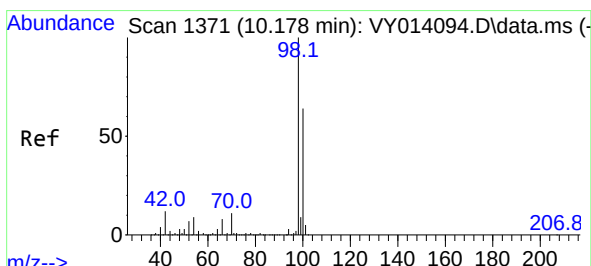
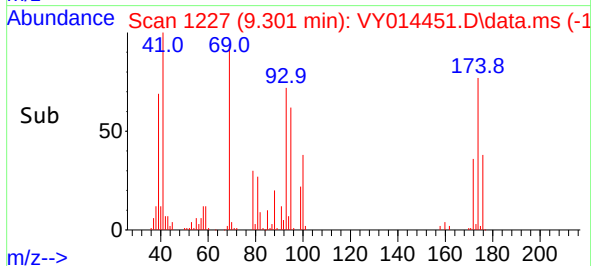
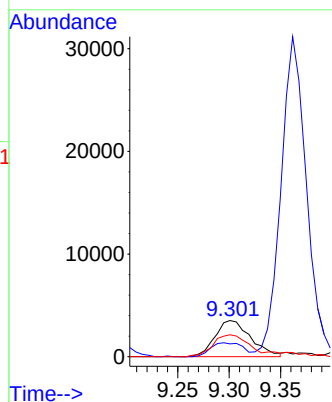
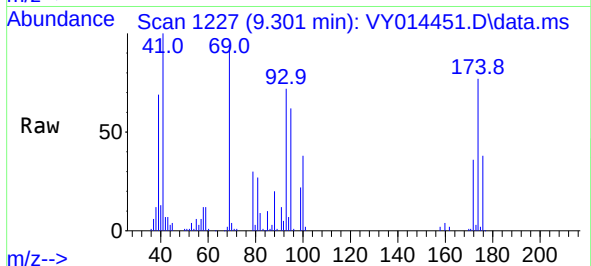




#49
1,4-Dioxane
Concen: 346.645 ug/l
RT: 9.301 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

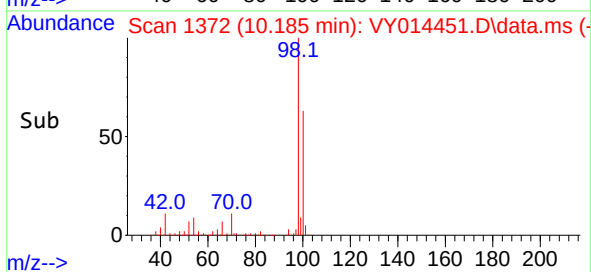
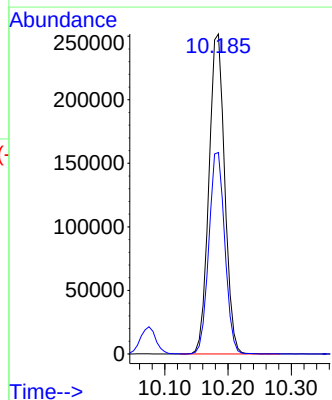
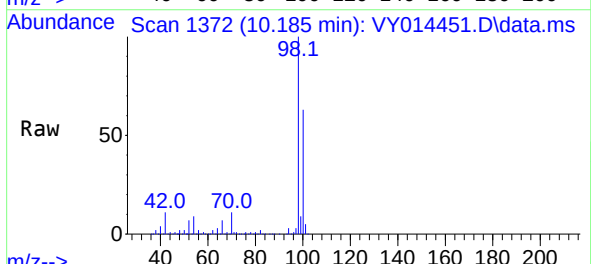
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

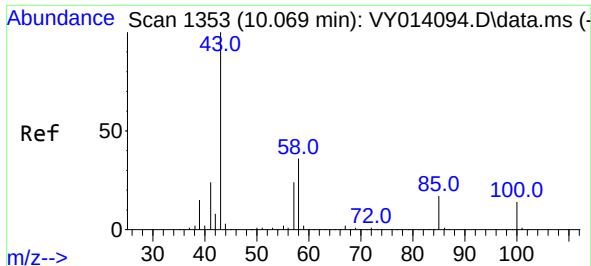
Tgt Ion: 88 Resp: 8519
Ion Ratio Lower Upper
88 100
43 34.4 0.0 0.0#
58 72.0 30.9 46.3#



#50
Toluene-d8
Concen: 49.164 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.007 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 98 Resp: 436778
Ion Ratio Lower Upper
98 100
100 63.6 50.1 75.1

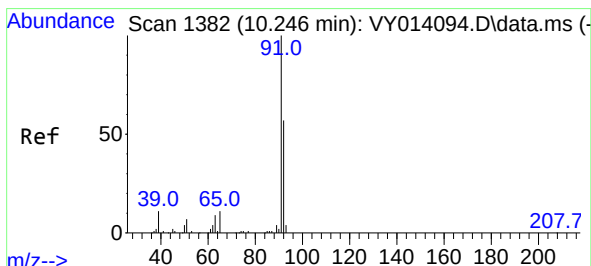
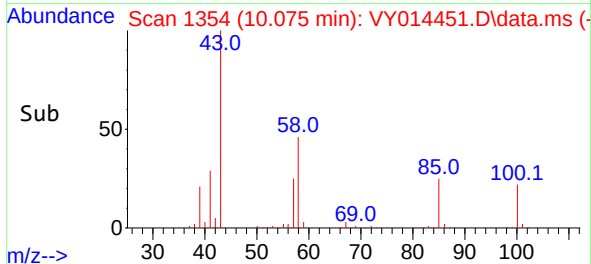
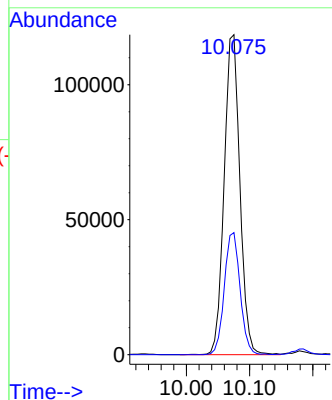
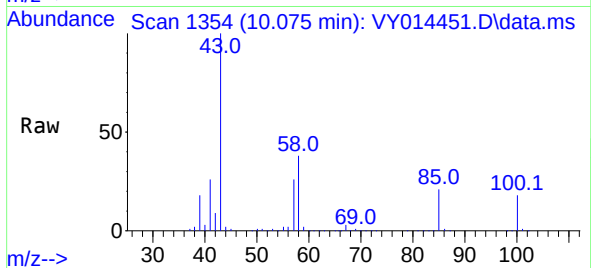




#51
4-Methyl-2-Pentanone
Concen: 86.208 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

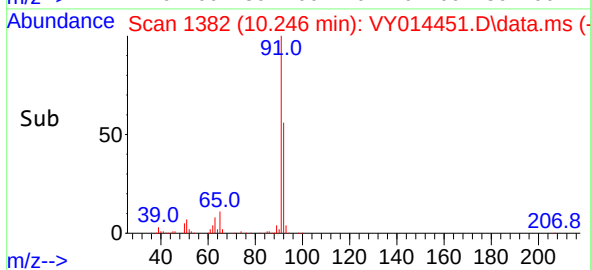
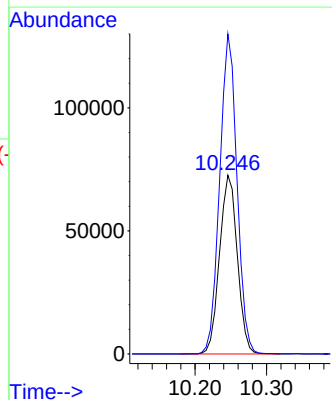
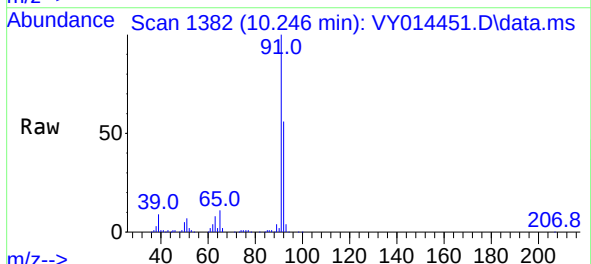
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

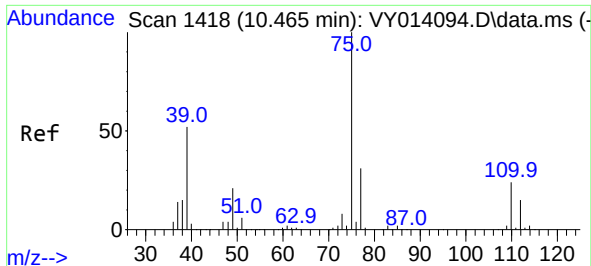
Tgt Ion: 43 Resp: 203915
Ion Ratio Lower Upper
43 100
58 38.3 29.0 43.6



#52
Toluene
Concen: 19.950 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 92 Resp: 125210
Ion Ratio Lower Upper
92 100
91 174.3 143.8 215.6

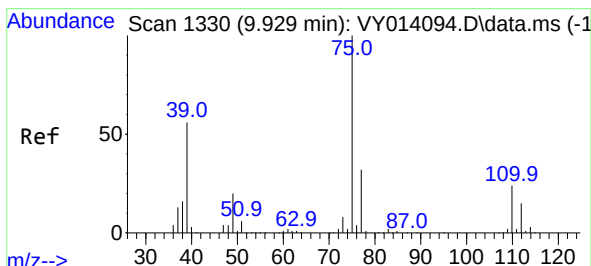
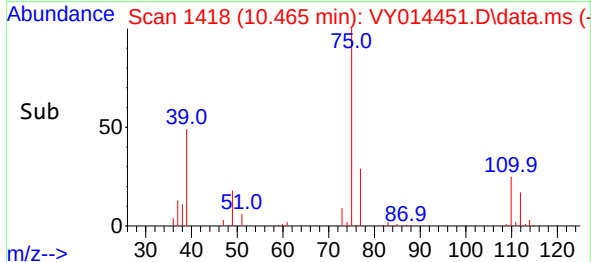
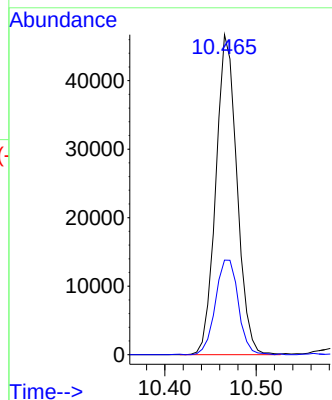
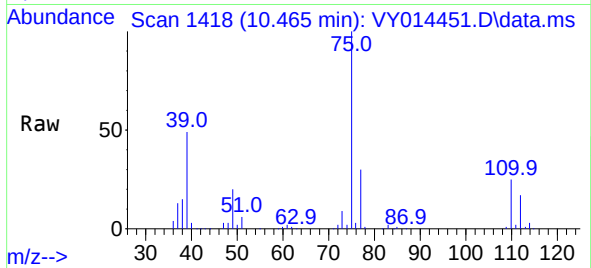




#53
t-1,3-Dichloropropene
Concen: 18.927 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

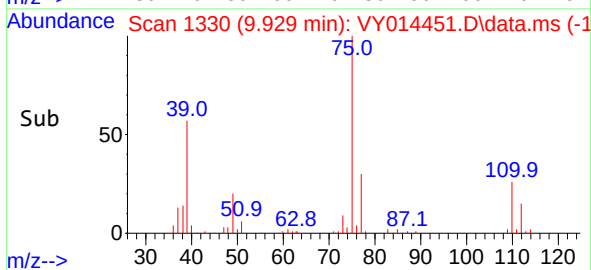
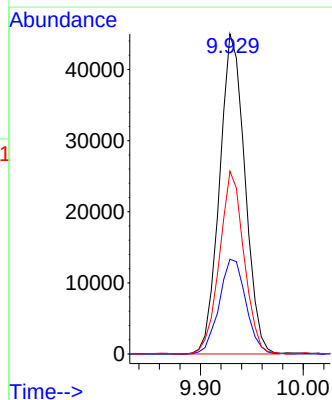
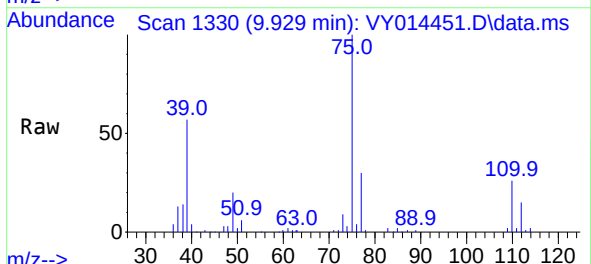
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

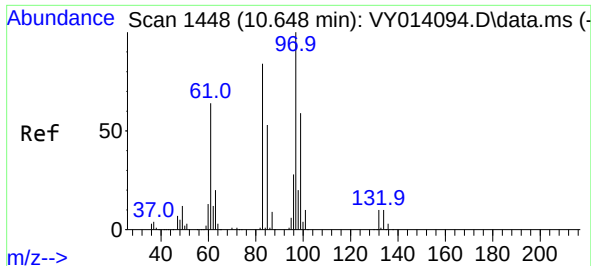
Tgt Ion: 75 Resp: 75173
Ion Ratio Lower Upper
75 100
77 29.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 18.786 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 75 Resp: 76959
Ion Ratio Lower Upper
75 100
77 29.6 24.2 36.4
39 57.1 42.2 63.4



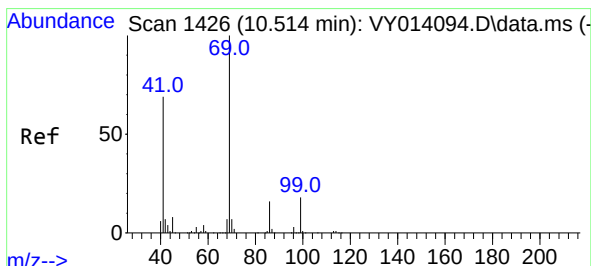
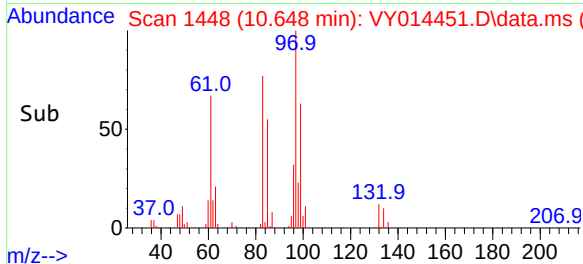
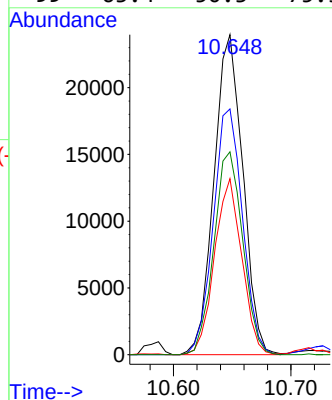
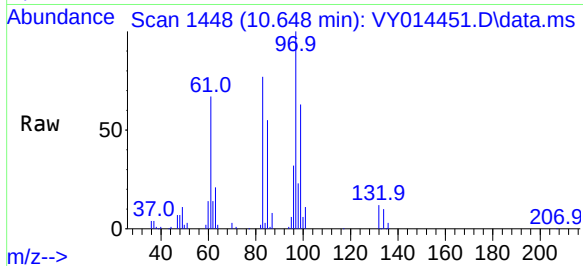


#55
1,1,2-Trichloroethane
Concen: 19.469 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

Tgt Ion: 97 Resp: 40976

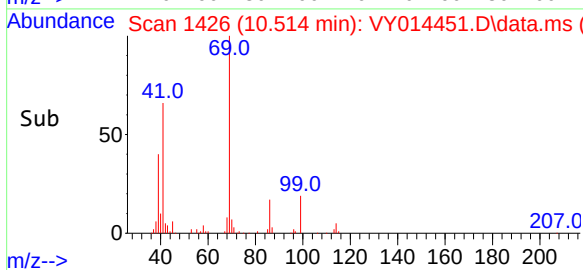
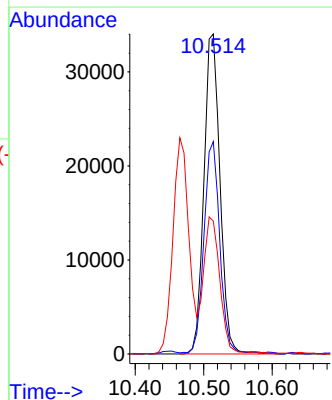
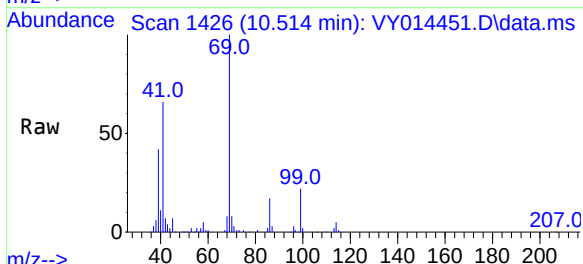
Ion	Ratio	Lower	Upper
97	100		
83	76.8	72.0	108.0
85	55.0	45.4	68.0
99	63.4	50.3	75.5

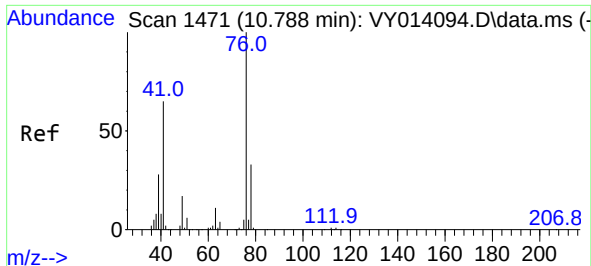


#56
Ethyl methacrylate
Concen: 18.541 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 69 Resp: 55729

Ion	Ratio	Lower	Upper
69	100		
41	64.0	57.6	86.4
39	43.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 18.902 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY014451.D

Acq: 27 Jun 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

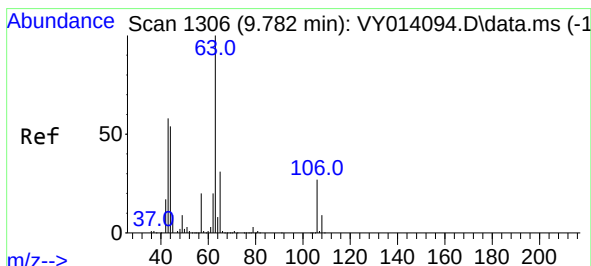
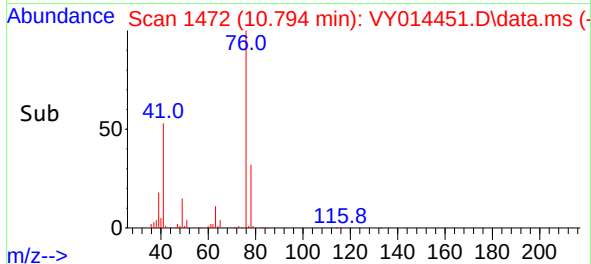
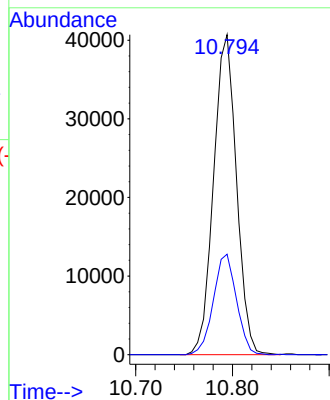
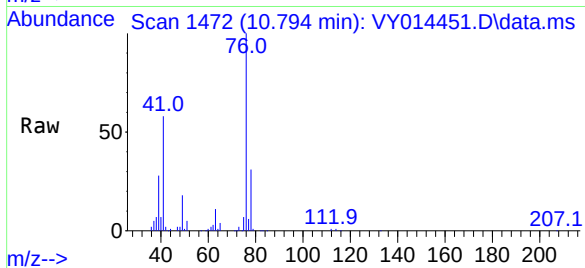
VY0627SBSD01

Tgt Ion: 76 Resp: 66915

Ion Ratio Lower Upper

76 100

78 31.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 91.016 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY014451.D

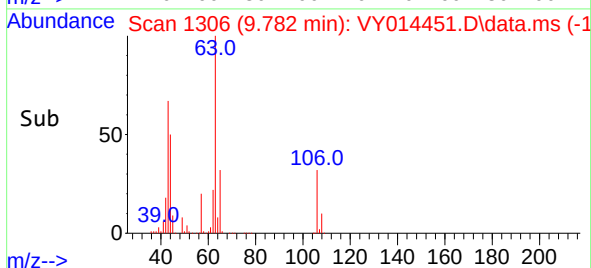
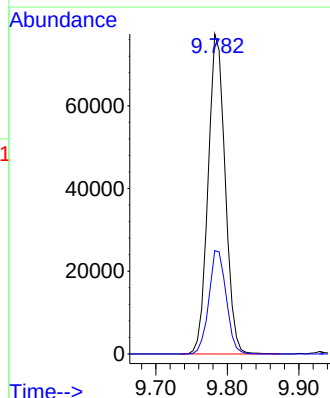
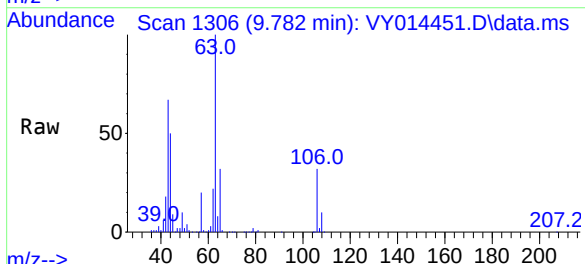
Acq: 27 Jun 2023 12:27

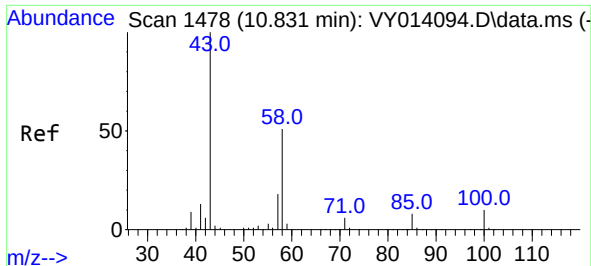
Tgt Ion: 63 Resp: 128146

Ion Ratio Lower Upper

63 100

106 32.8 21.2 31.8#

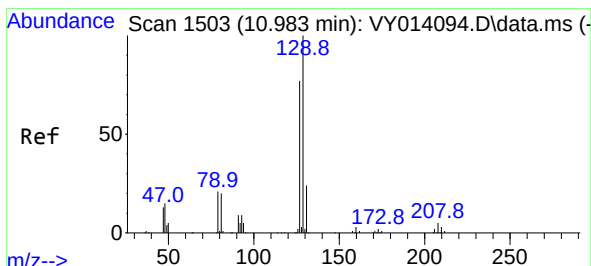
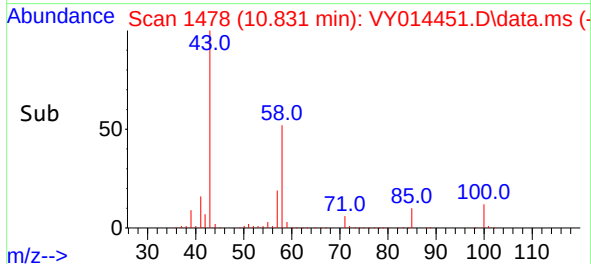
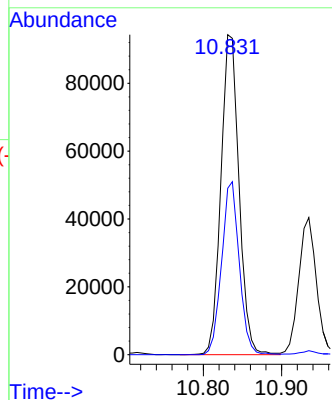
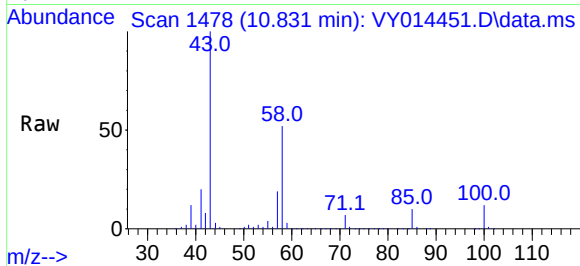




#59
2-Hexanone
Concen: 85.122 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

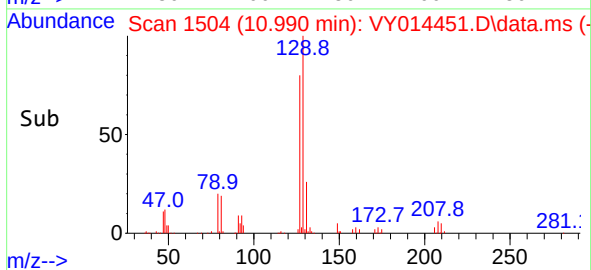
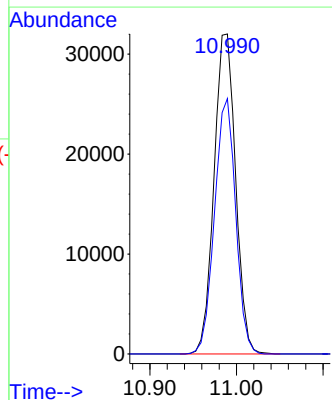
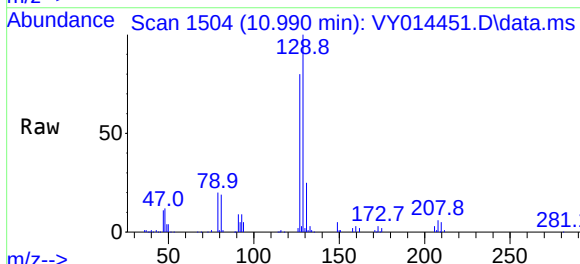
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

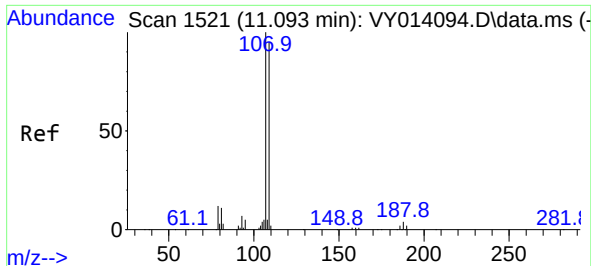
Tgt Ion: 43 Resp: 151722
Ion Ratio Lower Upper
43 100
58 52.7 25.1 75.3



#60
Dibromochloromethane
Concen: 19.864 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 129 Resp: 55458
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

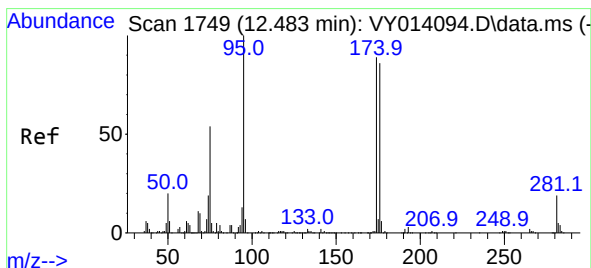
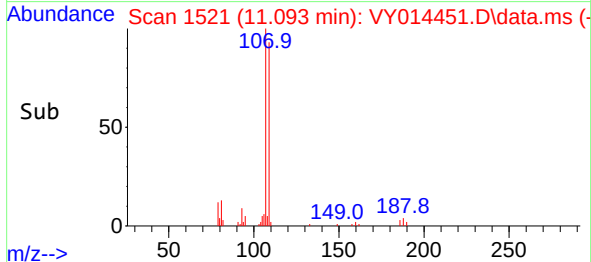
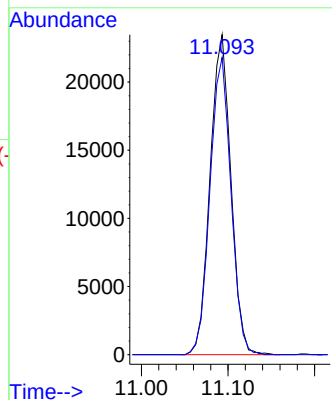
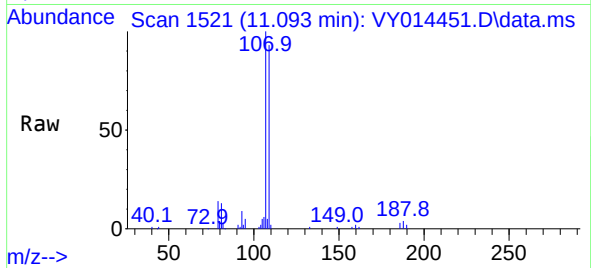




#61
1,2-Dibromoethane
Concen: 18.704 ug/l
RT: 11.093 min Scan# 1521
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

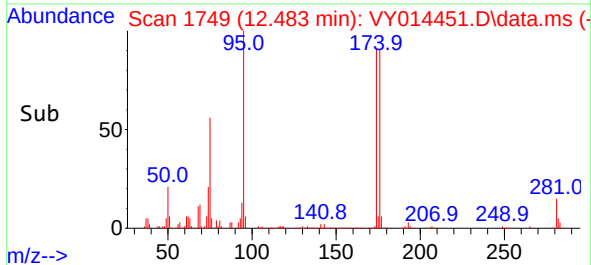
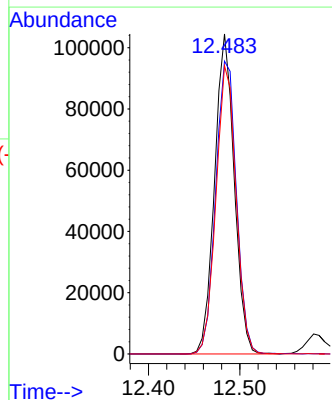
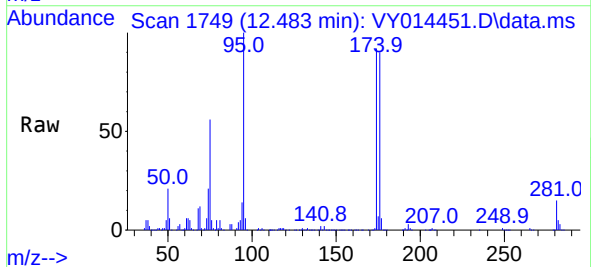
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

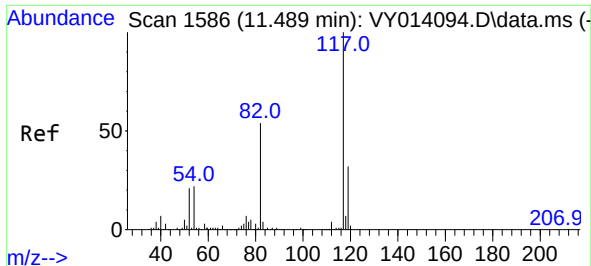
Tgt Ion:107 Resp: 39194
Ion Ratio Lower Upper
107 100
109 93.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.133 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 95 Resp: 155834
Ion Ratio Lower Upper
95 100
174 96.6 0.0 178.2
176 92.2 0.0 173.8

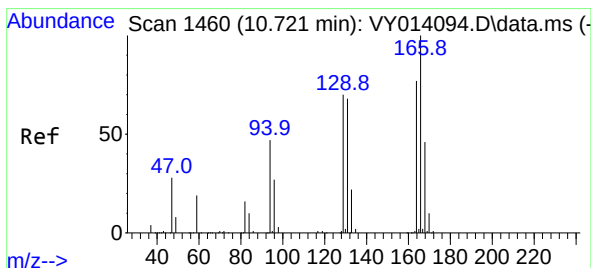
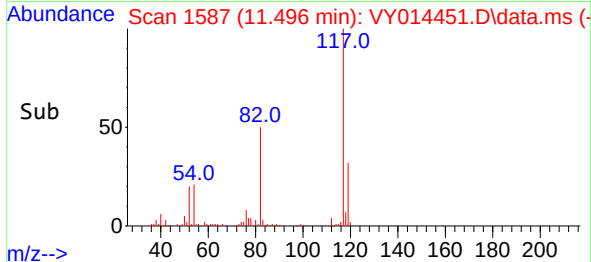
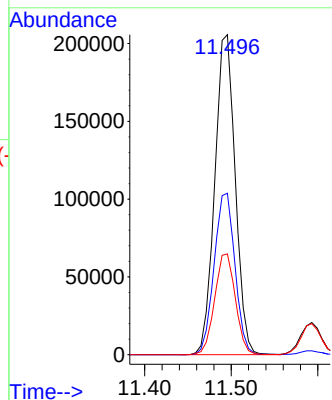
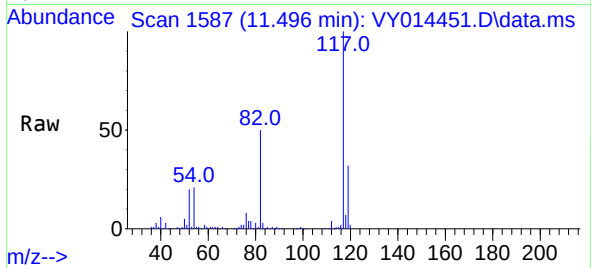




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.007 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

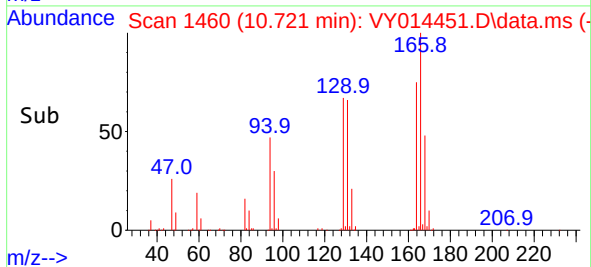
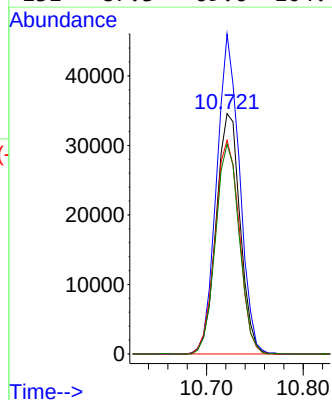
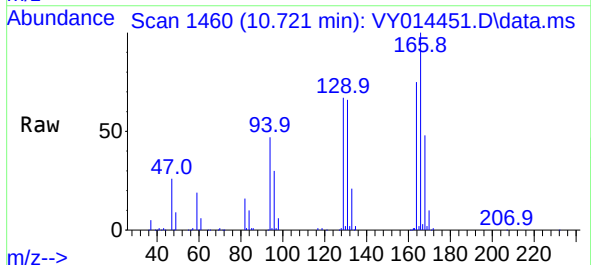
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

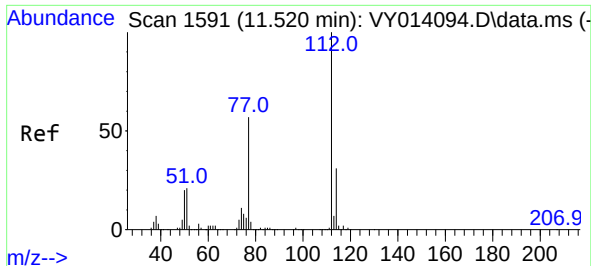
Tgt Ion:117 Resp: 337610
Ion Ratio Lower Upper
117 100
82 50.5 43.4 65.0
119 31.5 26.3 39.5



#64
Tetrachloroethene
Concen: 20.666 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:164 Resp: 59371
Ion Ratio Lower Upper
164 100
166 133.2 103.0 154.6
129 88.9 77.2 115.8
131 87.3 69.6 104.4

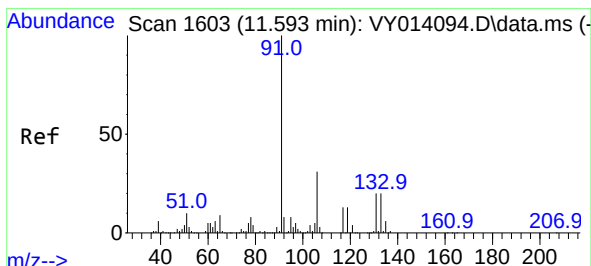
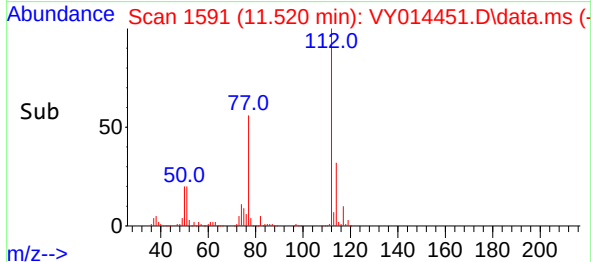
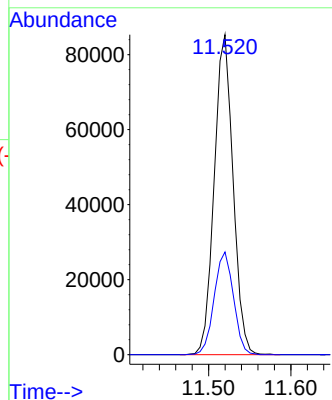
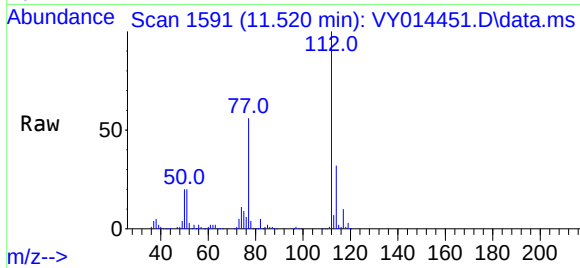




#65
Chlorobenzene
Concen: 19.588 ug/l
RT: 11.520 min Scan# 1591
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

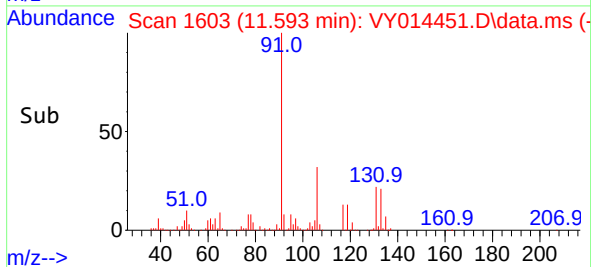
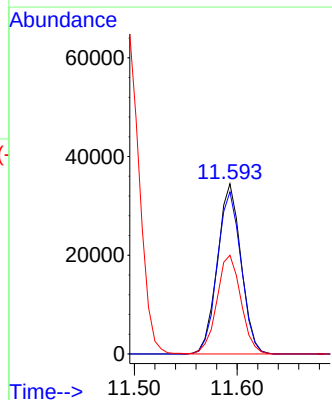
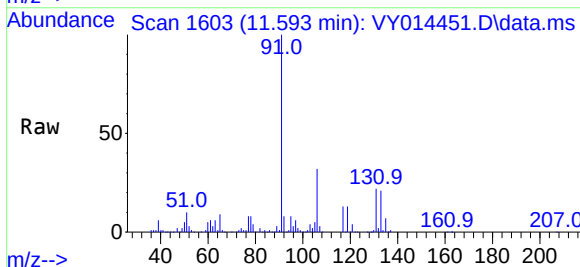
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

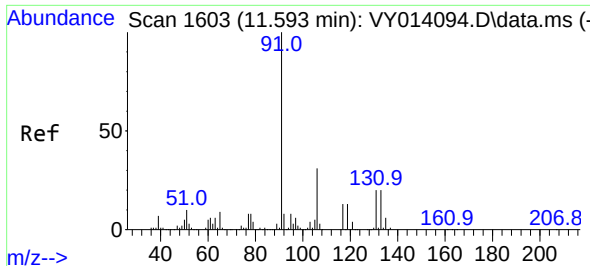
Tgt Ion:112 Resp: 135859
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.716 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:131 Resp: 55084
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 59.0 31.6 94.7





#67

Ethyl Benzene

Concen: 19.592 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY014451.D

Acq: 27 Jun 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

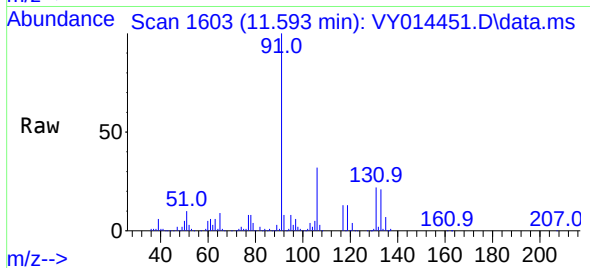
VY0627SBS01

Tgt Ion: 91 Resp: 241981

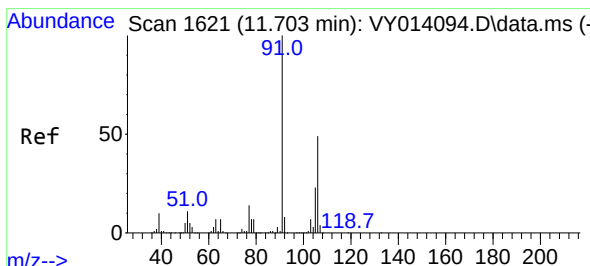
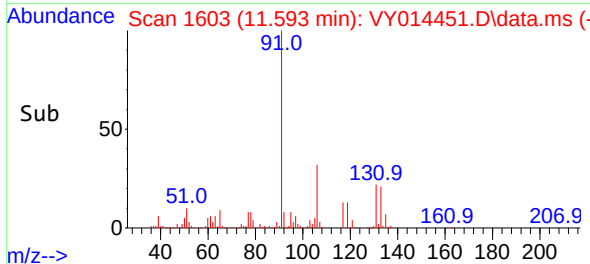
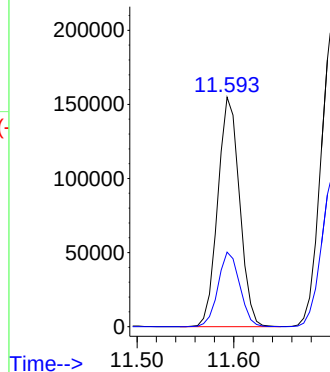
Ion Ratio Lower Upper

91 100

106 32.5 24.6 36.8



Abundance



#68

m/p-Xylenes

Concen: 40.120 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY014451.D

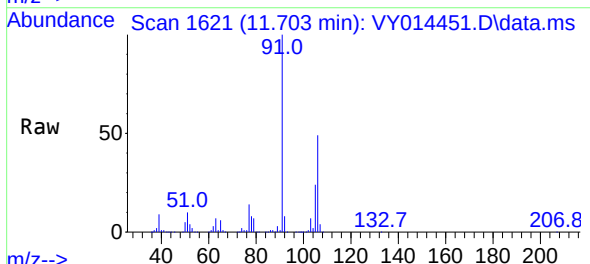
Acq: 27 Jun 2023 12:27

Tgt Ion: 106 Resp: 193540

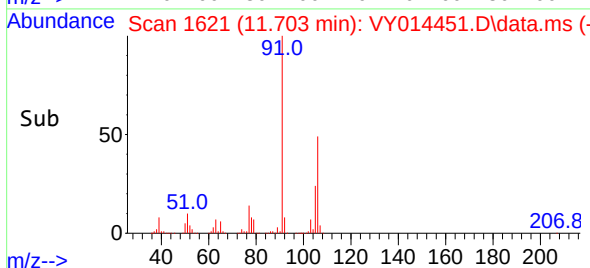
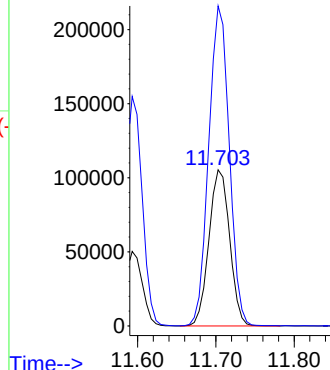
Ion Ratio Lower Upper

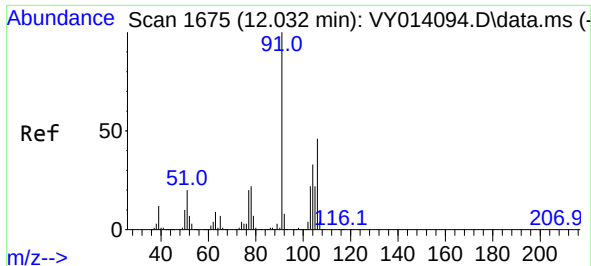
106 100

91 203.2 166.1 249.1



Abundance

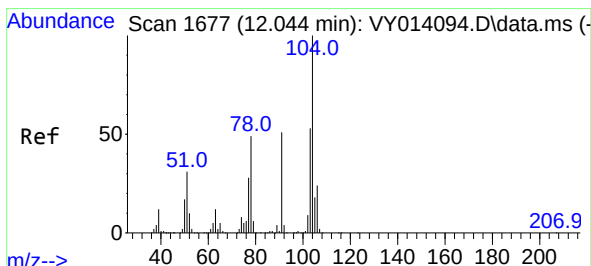
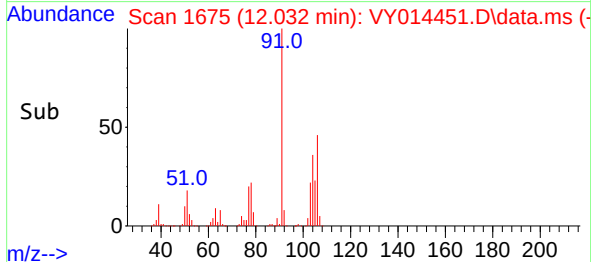
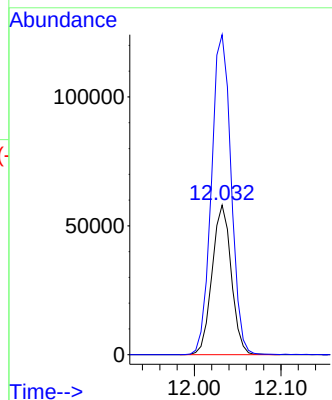
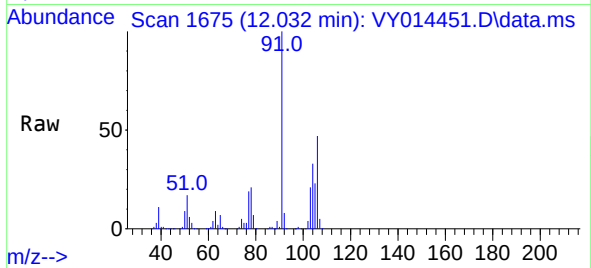




#69
o-Xylene
Concen: 19.437 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

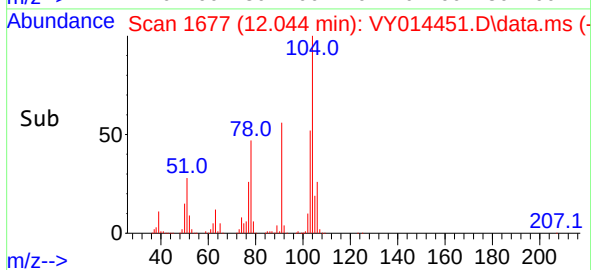
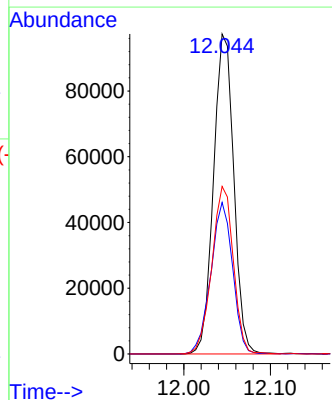
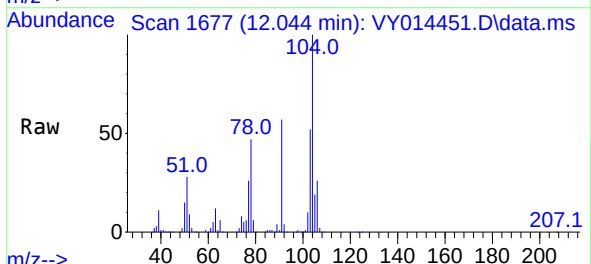
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

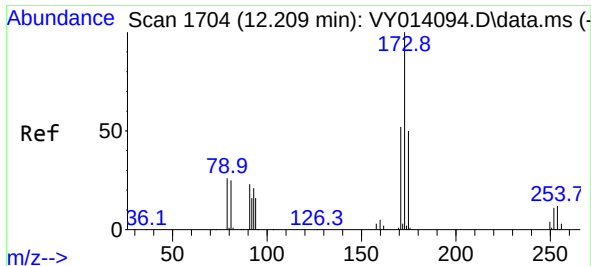
Tgt Ion:106 Resp: 89221
Ion Ratio Lower Upper
106 100
91 219.8 108.1 324.3



#70
Styrene
Concen: 20.115 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:104 Resp: 158247
Ion Ratio Lower Upper
104 100
78 51.1 41.5 62.3
103 55.7 44.6 67.0

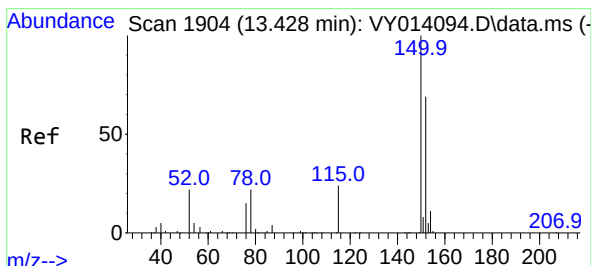
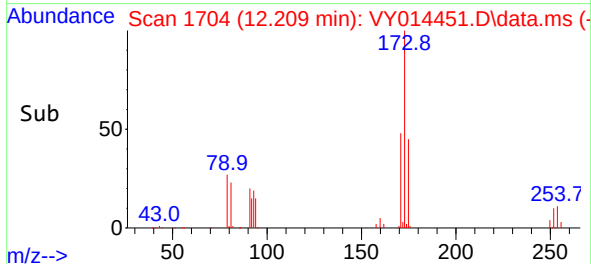
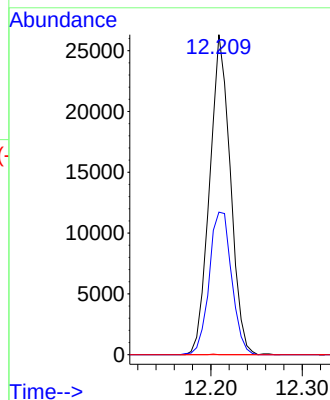
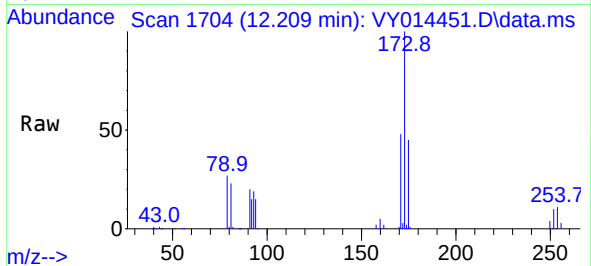




#71
Bromoform
Concen: 20.031 ug/l
RT: 12.209 min Scan# 1704
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

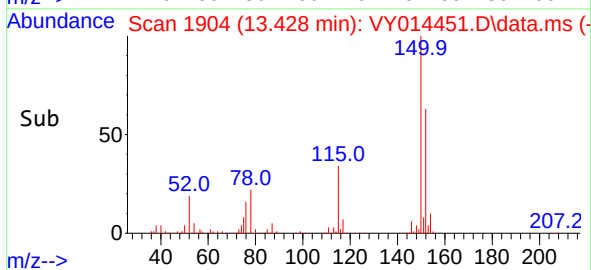
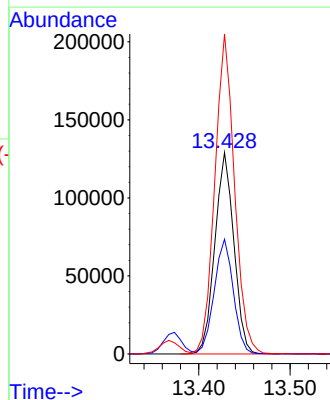
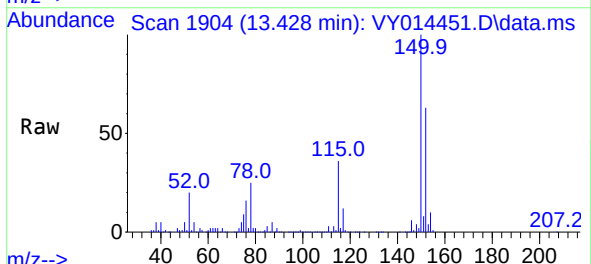
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

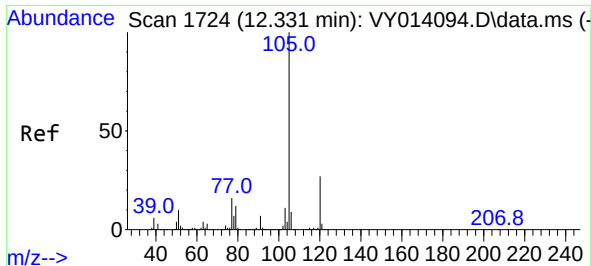
Tgt Ion:173 Resp: 41362
Ion Ratio Lower Upper
173 100
175 48.3 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:152 Resp: 187297
Ion Ratio Lower Upper
152 100
115 57.2 28.8 86.5
150 164.4 0.0 348.8

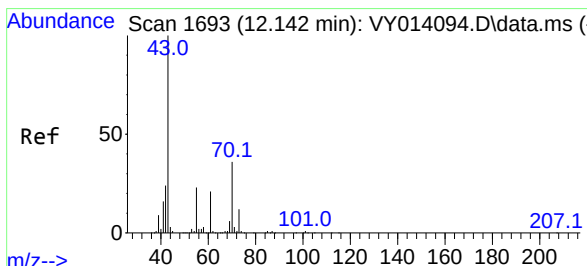
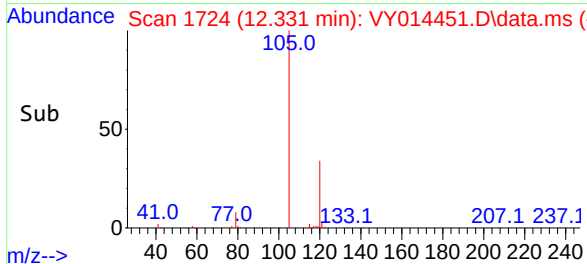
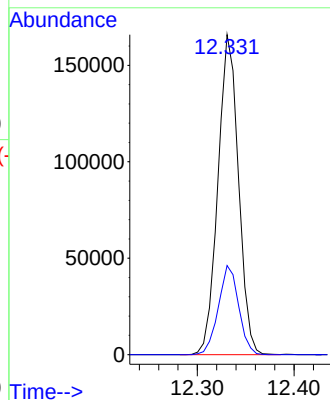
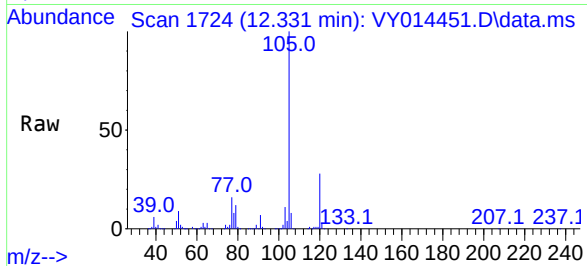




#73
Isopropylbenzene
Concen: 19.366 ug/l
RT: 12.331 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

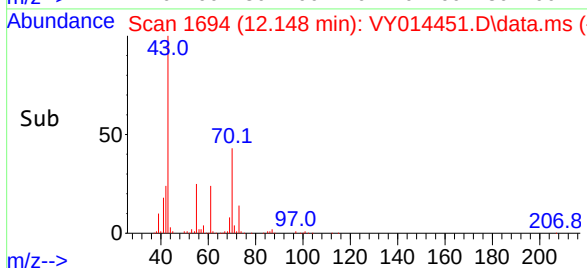
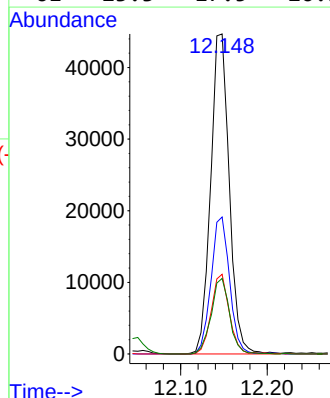
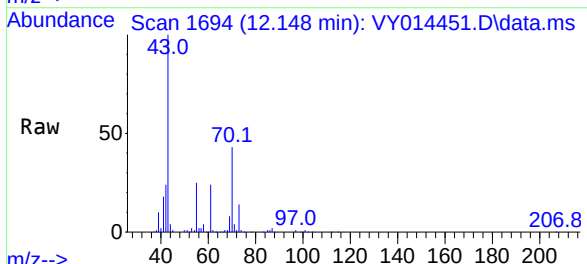
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

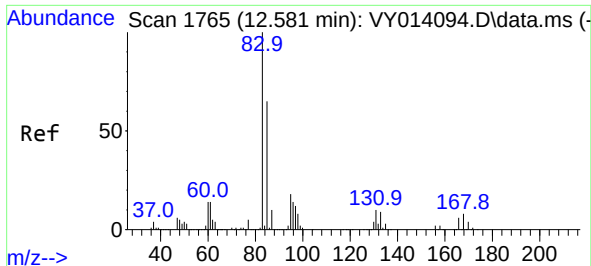
Tgt Ion:105 Resp: 244242
Ion Ratio Lower Upper
105 100
120 27.5 13.3 39.9



#74
N-ethyl acetate
Concen: 16.721 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 43 Resp: 66787
Ion Ratio Lower Upper
43 100
70 42.8 29.7 44.5
55 24.3 18.3 27.5
61 23.3 17.5 26.3

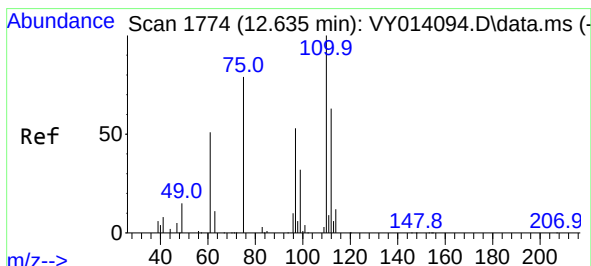
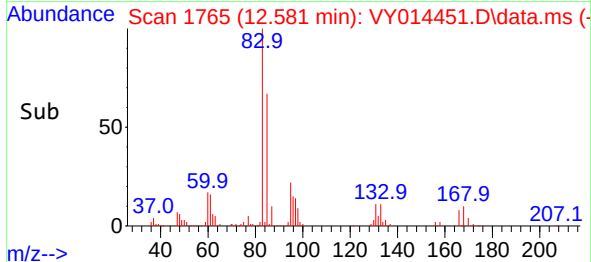
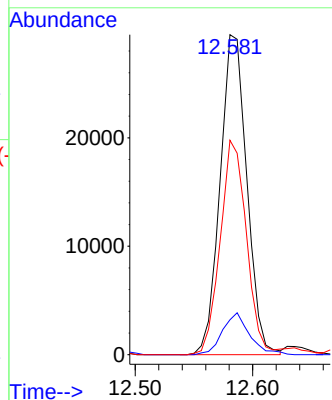
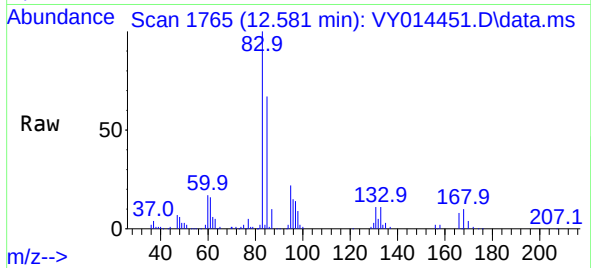




#75
1,1,2,2-Tetrachloroethane
Concen: 17.315 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

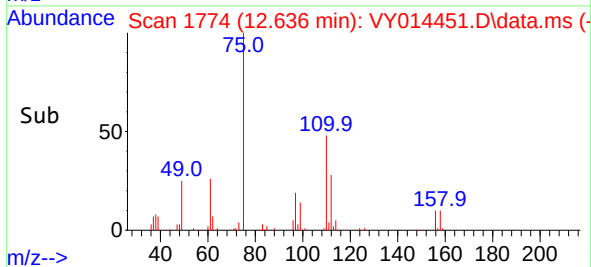
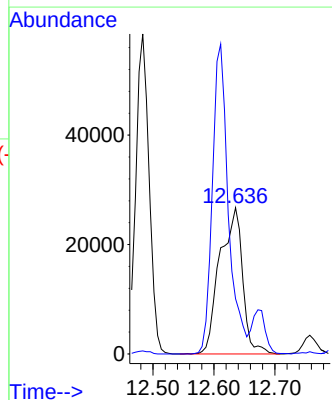
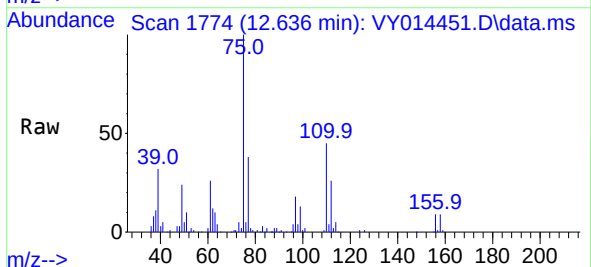
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

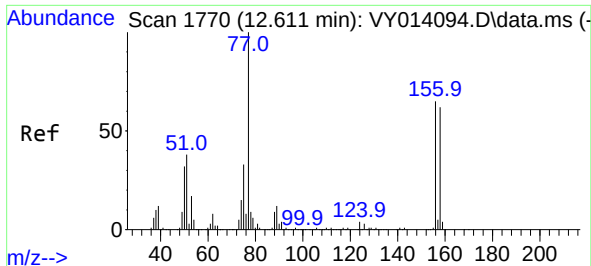
Tgt Ion: 83 Resp: 46669
Ion Ratio Lower Upper
83 100
131 13.3 5.4 16.2
85 65.6 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 29.535 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.001 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 75 Resp: 69393
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

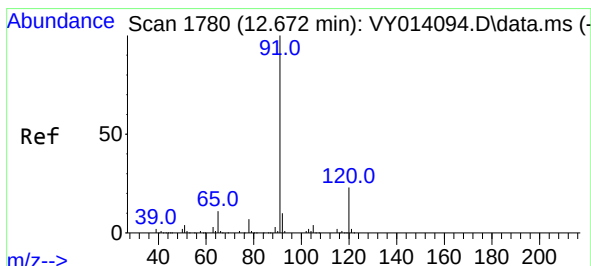
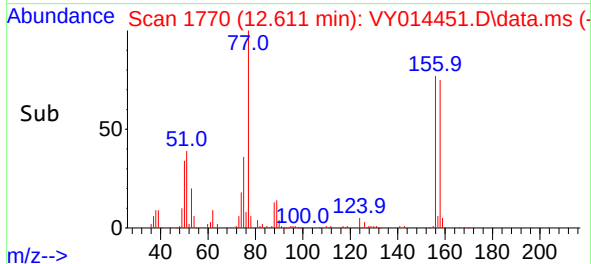
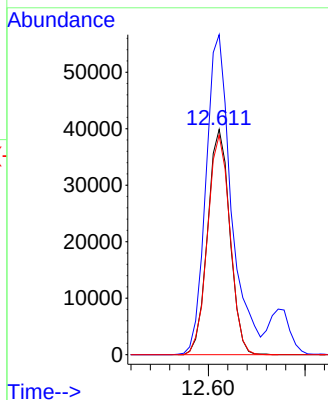
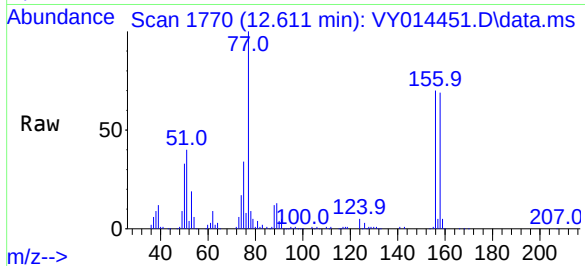




#77
Bromobenzene
Concen: 19.363 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

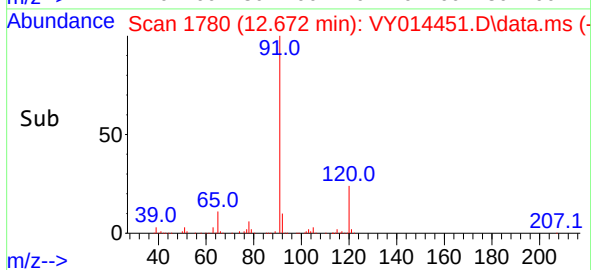
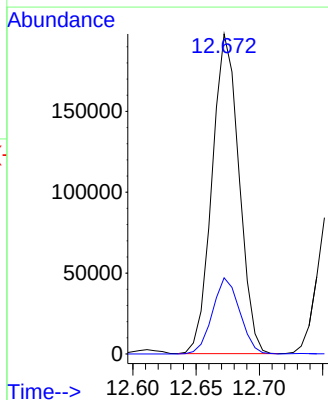
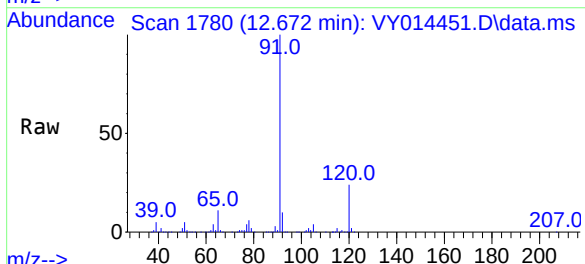
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

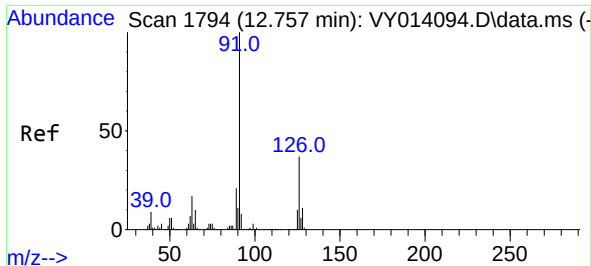
Tgt Ion:156 Resp: 63495
Ion Ratio Lower Upper
156 100
77 162.5 92.8 278.6
158 98.3 48.4 145.3



#78
n-propylbenzene
Concen: 19.268 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 91 Resp: 293165
Ion Ratio Lower Upper
91 100
120 24.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 18.911 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014451.D

Acq: 27 Jun 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

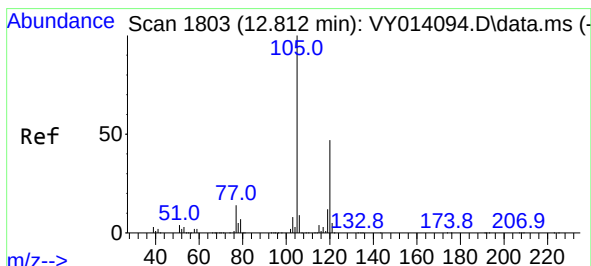
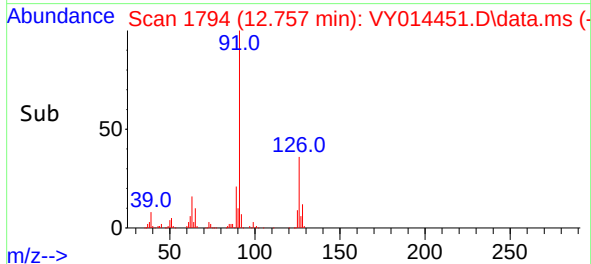
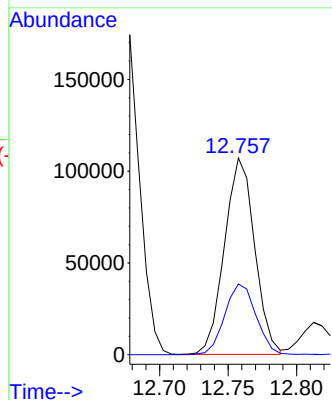
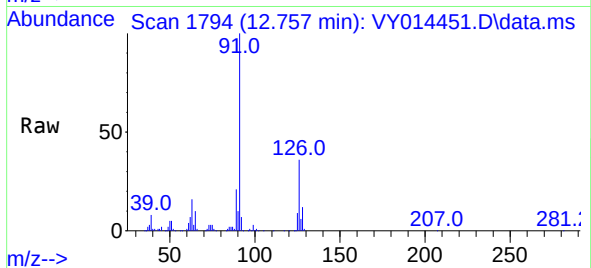
VY0627SBS01

Tgt Ion: 91 Resp: 164328

Ion Ratio Lower Upper

91 100

126 37.4 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.779 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY014451.D

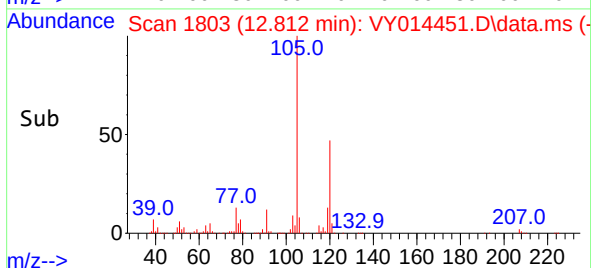
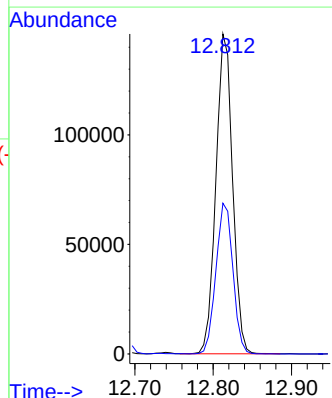
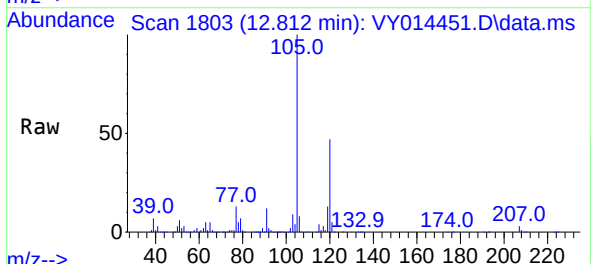
Acq: 27 Jun 2023 12:27

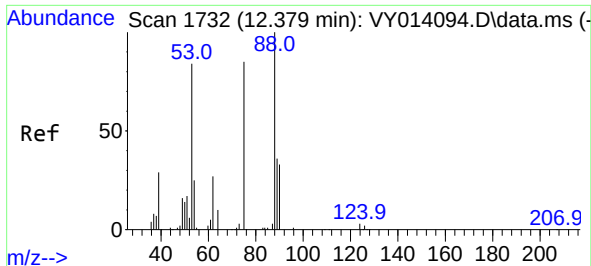
Tgt Ion:105 Resp: 215790

Ion Ratio Lower Upper

105 100

120 48.0 23.9 71.7

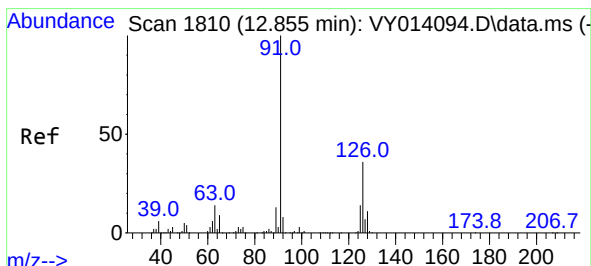
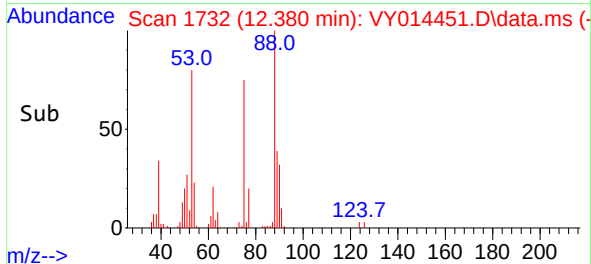
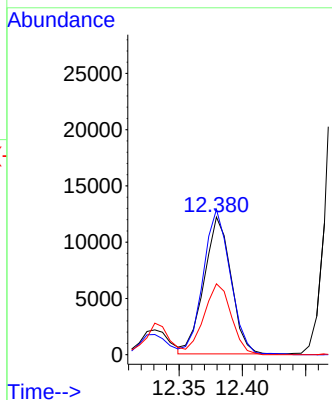
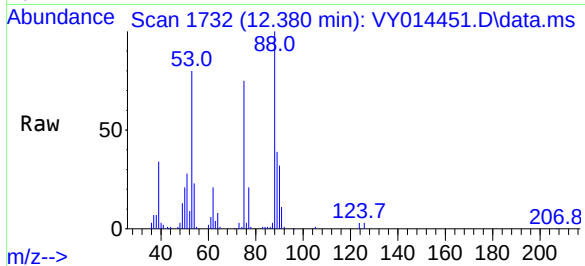




#81
trans-1,4-Dichloro-2-butene
Concen: 17.509 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.001 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

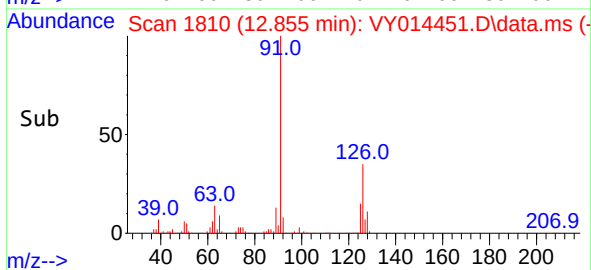
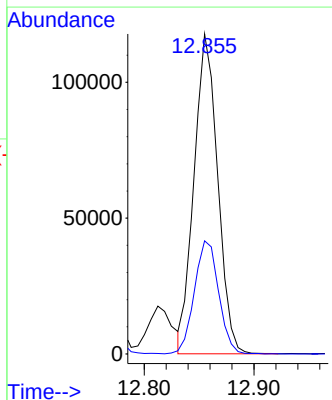
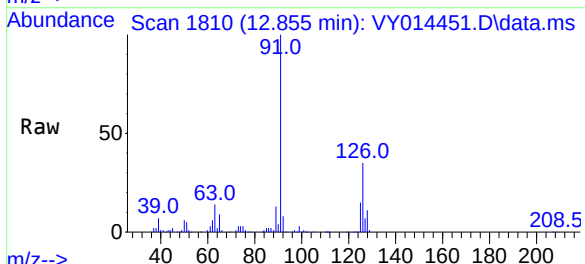
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

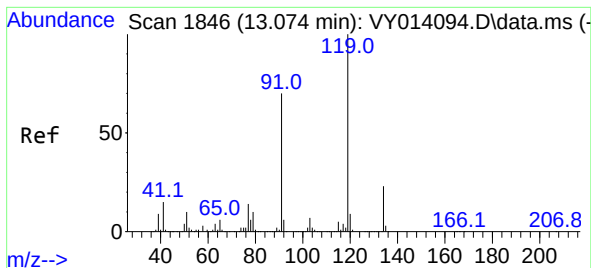
Tgt Ion: 75 Resp: 18069
Ion Ratio Lower Upper
75 100
53 107.1 77.8 116.8
89 52.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.054 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 91 Resp: 176387
Ion Ratio Lower Upper
91 100
126 36.5 17.2 51.6

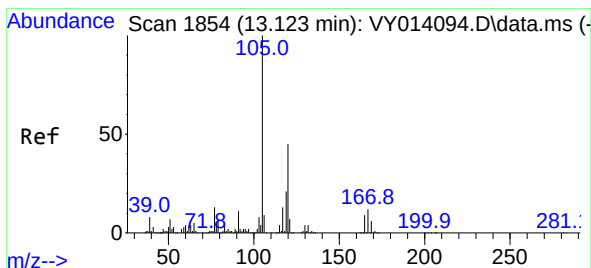
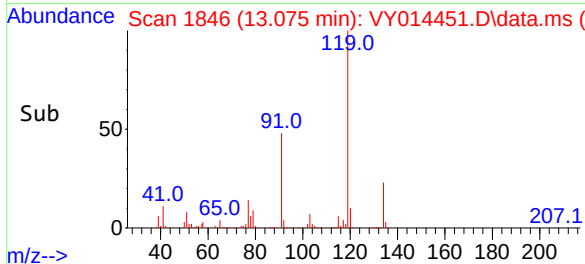
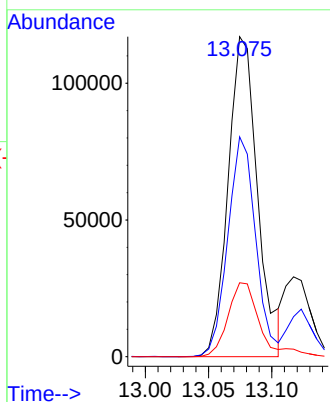
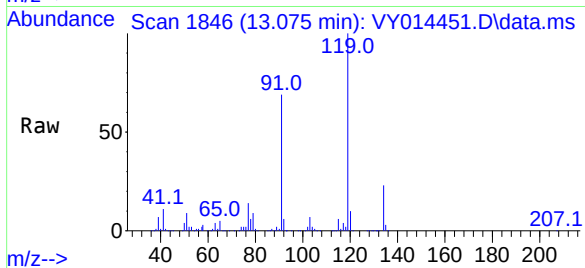




#83
tert-Butylbenzene
Concen: 20.281 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.001 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

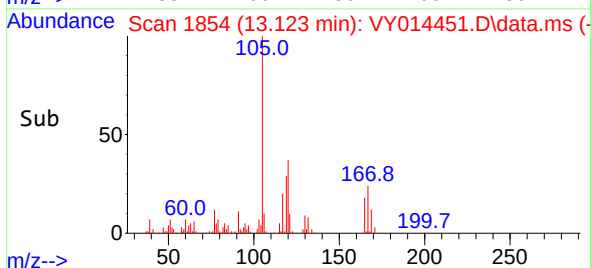
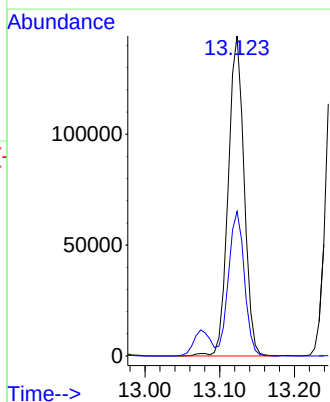
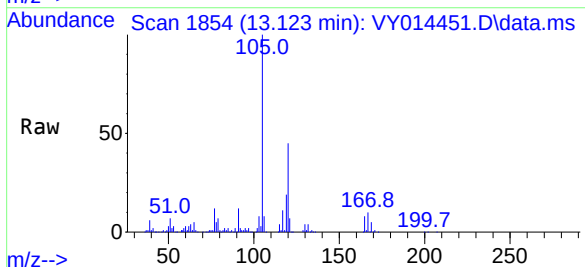
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

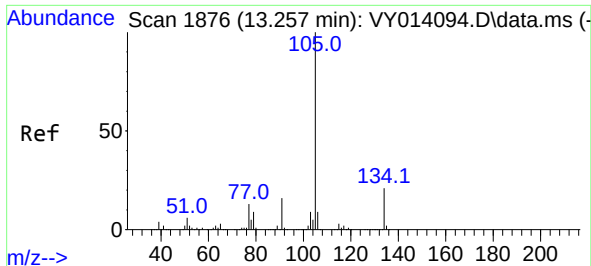
Tgt Ion:119 Resp: 189688
Ion Ratio Lower Upper
119 100
91 65.1 32.9 98.6
134 25.0 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.733 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:105 Resp: 213327
Ion Ratio Lower Upper
105 100
120 45.4 22.2 66.6

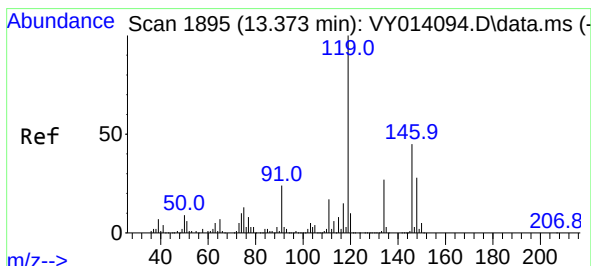
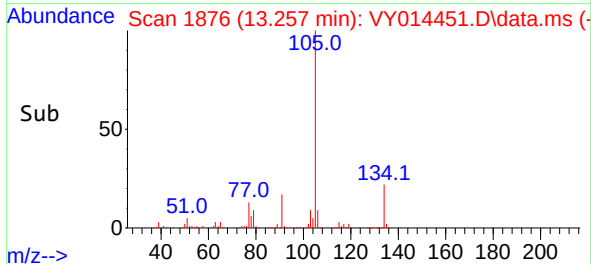
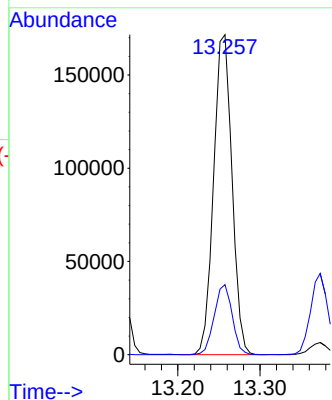
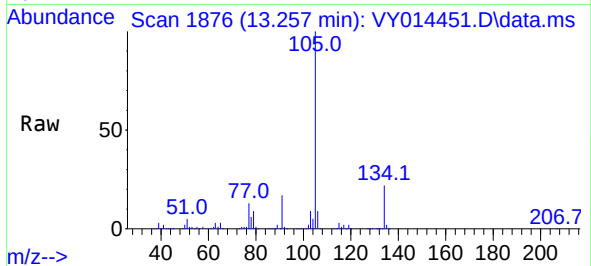




#85
 sec-Butylbenzene
 Concen: 19.671 ug/l
 RT: 13.257 min Scan# 1876
 Delta R.T. 0.000 min
 Lab File: VY014451.D
 Acq: 27 Jun 2023 12:27

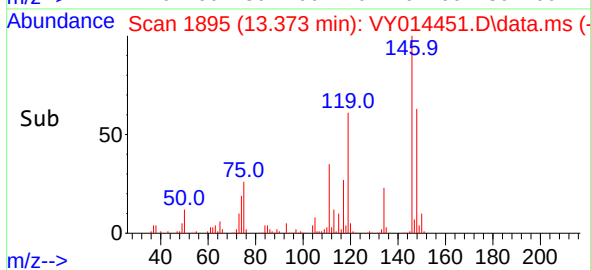
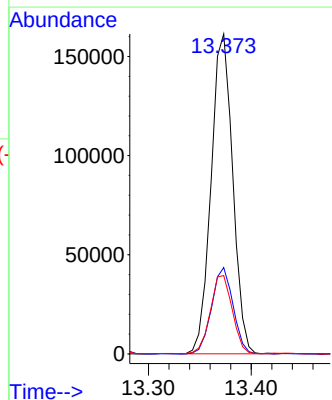
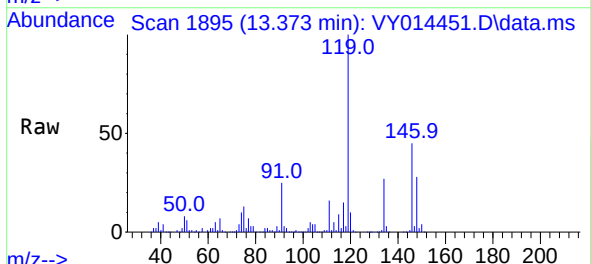
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0627SBSD01

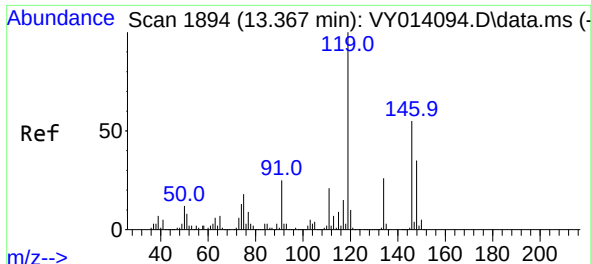
Tgt Ion:105 Resp: 266053
 Ion Ratio Lower Upper
 105 100
 134 21.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.131 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY014451.D
 Acq: 27 Jun 2023 12:27

Tgt Ion:119 Resp: 235747
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.3 39.8
 91 24.8 12.4 37.4

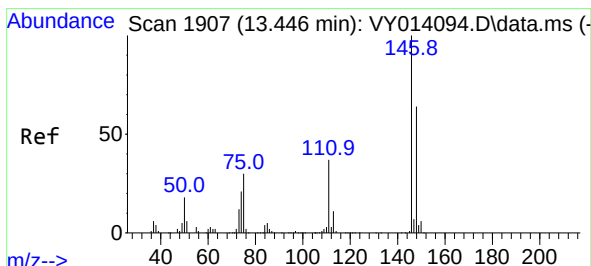
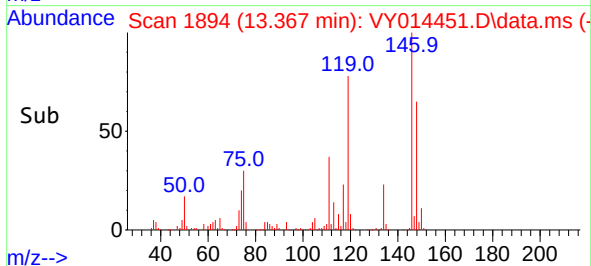
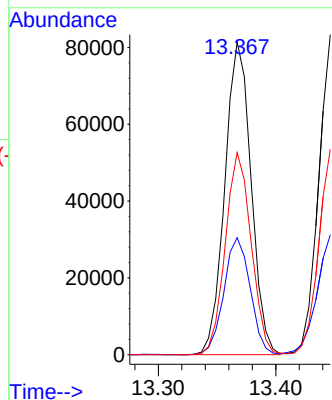
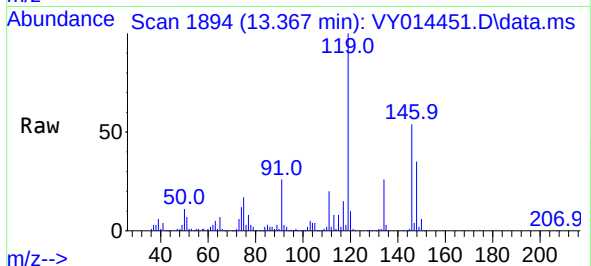




#87
1,3-Dichlorobenzene
Concen: 20.010 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

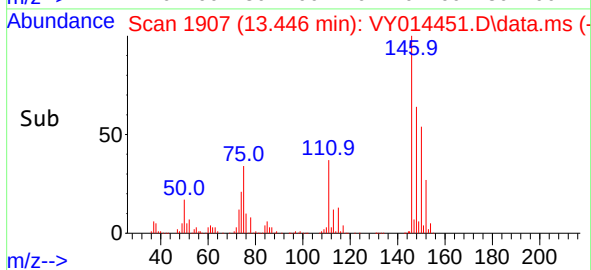
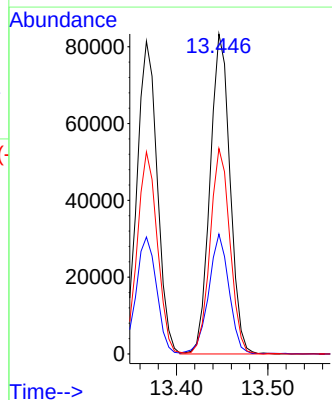
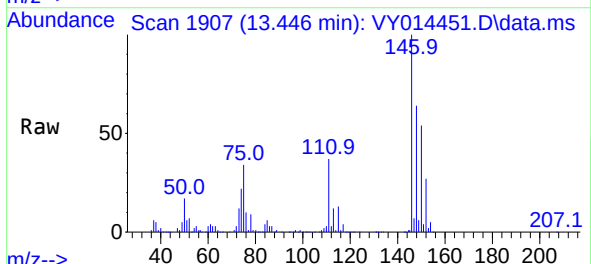
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

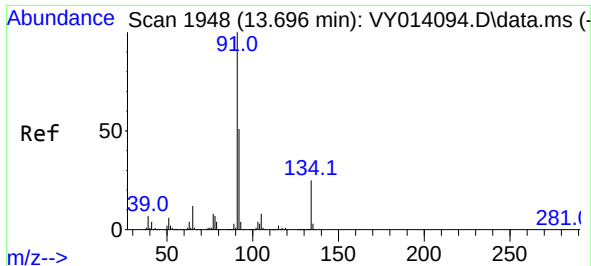
Tgt Ion:146 Resp: 126561
Ion Ratio Lower Upper
146 100
111 37.6 19.4 58.2
148 63.7 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 19.897 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:146 Resp: 126516
Ion Ratio Lower Upper
146 100
111 37.7 18.9 56.7
148 63.9 32.1 96.5

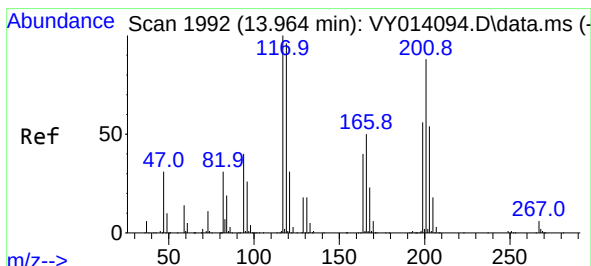
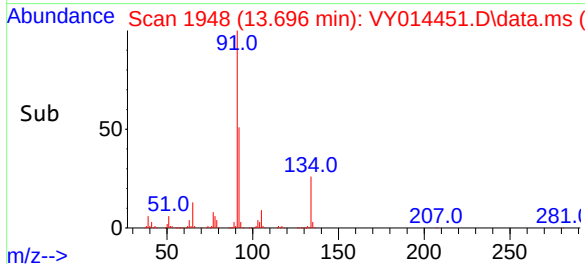
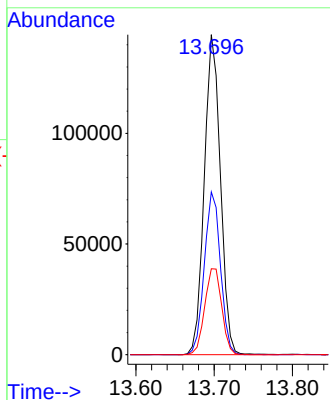
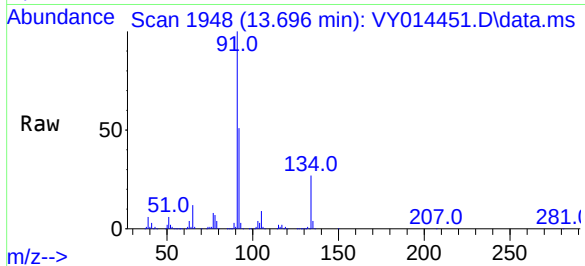




#89
n-Butylbenzene
Concen: 19.294 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

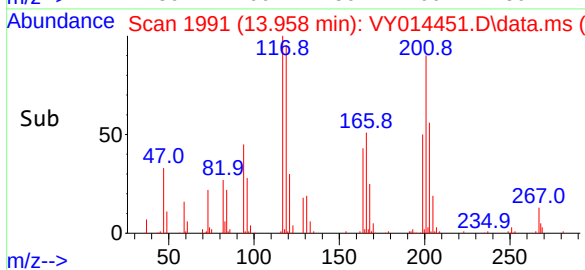
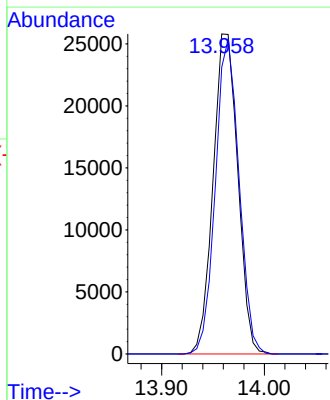
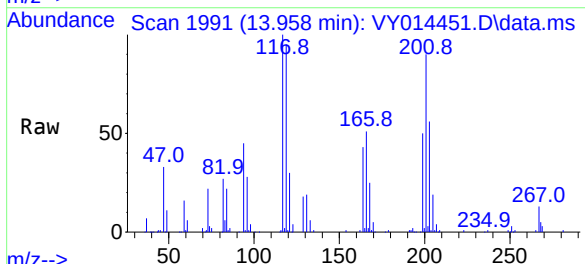
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

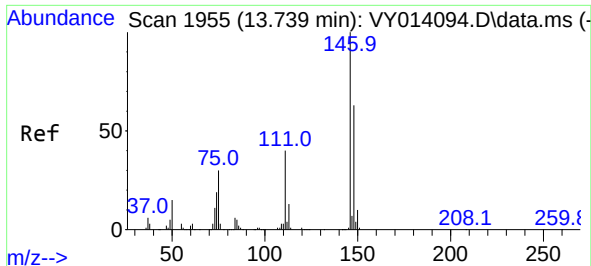
Tgt Ion: 91 Resp: 206444
Ion Ratio Lower Upper
91 100
92 50.9 25.4 76.0
134 28.4 12.6 37.6



#90
Hexachloroethane
Concen: 19.306 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.006 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion: 117 Resp: 43009
Ion Ratio Lower Upper
117 100
201 93.9 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 19.862 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY014451.D

Acq: 27 Jun 2023 12:27

Instrument :

MSVOA_Y

ClientSampleId :

VY0627SBSD01

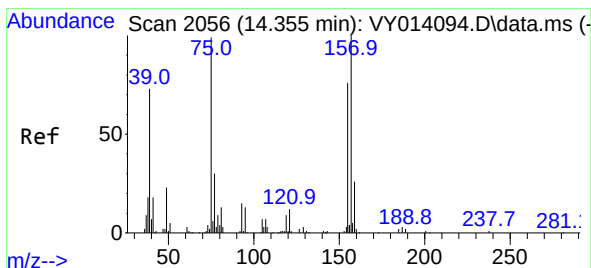
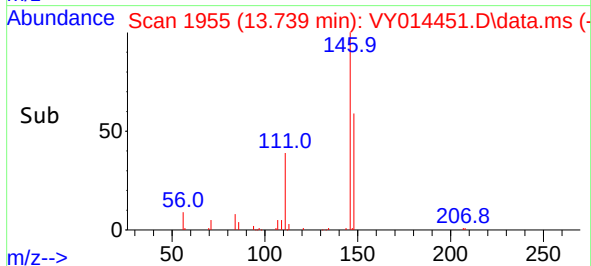
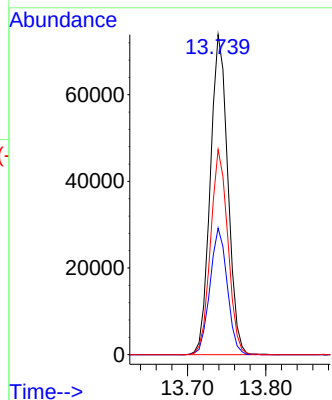
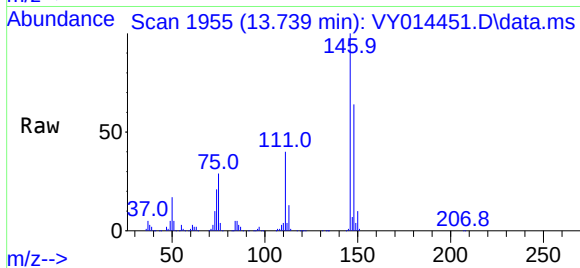
Tgt Ion:146 Resp: 114683

Ion Ratio Lower Upper

146 100

111 38.9 19.7 59.0

148 63.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.910 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY014451.D

Acq: 27 Jun 2023 12:27

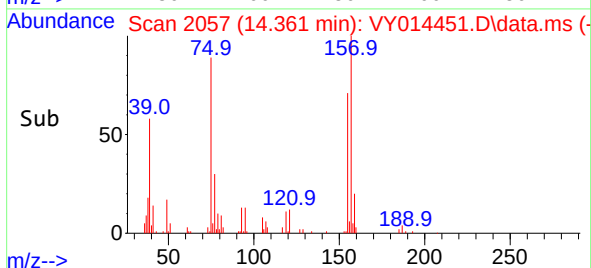
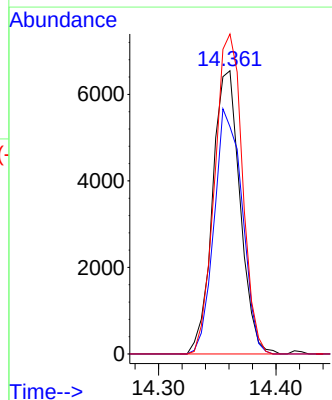
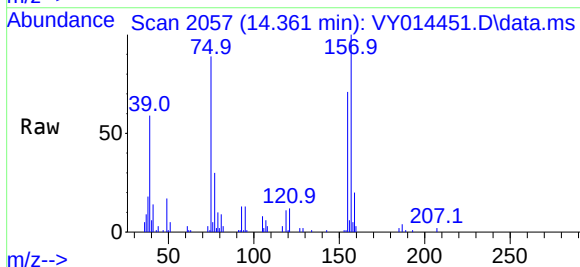
Tgt Ion: 75 Resp: 10669

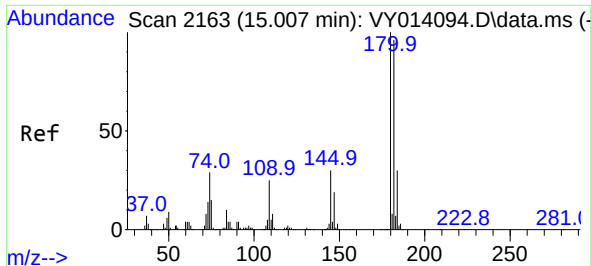
Ion Ratio Lower Upper

75 100

155 87.8 41.5 124.6

157 113.2 51.8 155.5

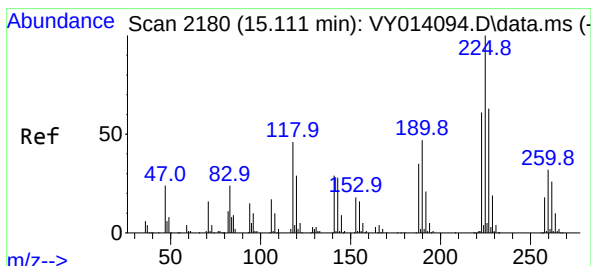
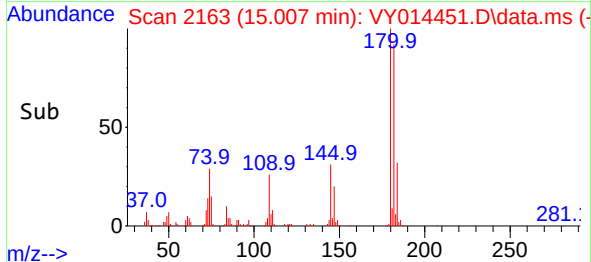
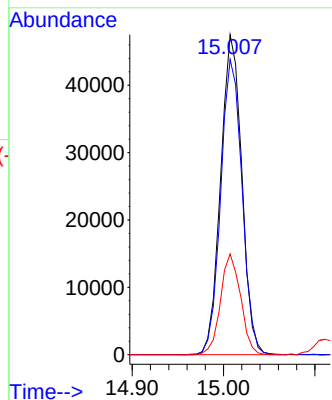
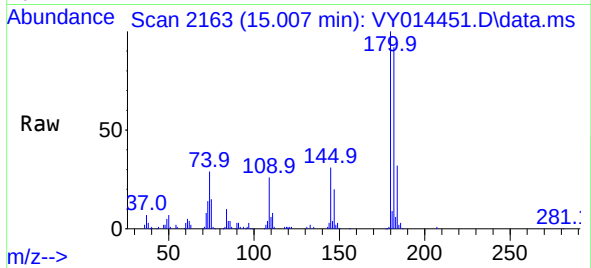




#93
1,2,4-Trichlorobenzene
Concen: 20.317 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

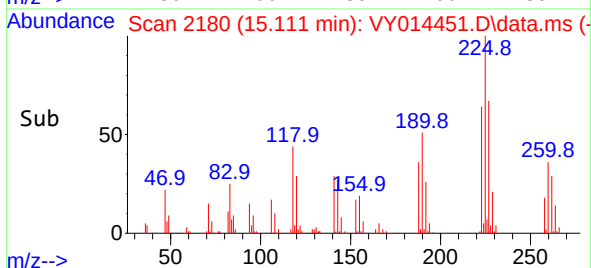
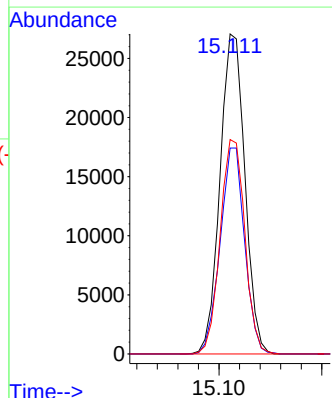
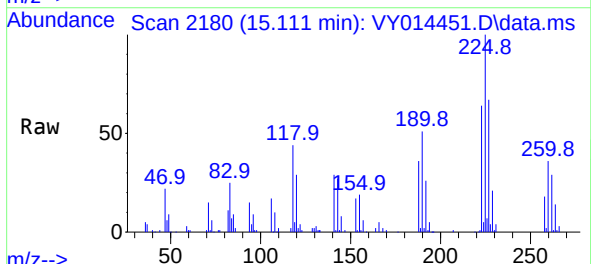
Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBS01

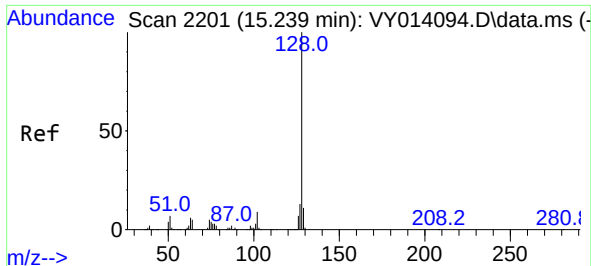
Tgt Ion:180 Resp: 76215
Ion Ratio Lower Upper
180 100
182 93.3 47.0 141.2
145 30.0 14.5 43.5



#94
Hexachlorobutadiene
Concen: 20.146 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:225 Resp: 45397
Ion Ratio Lower Upper
225 100
223 63.4 31.9 95.9
227 66.4 33.0 98.9



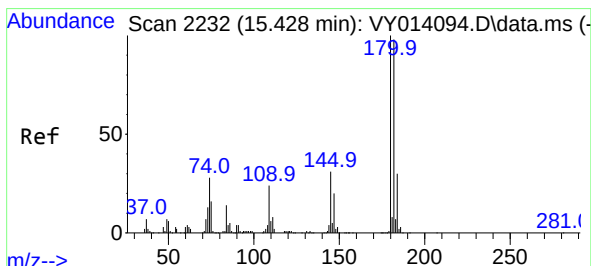
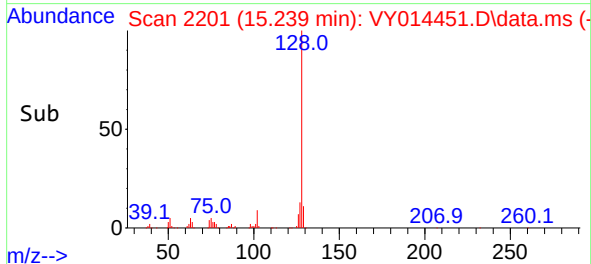
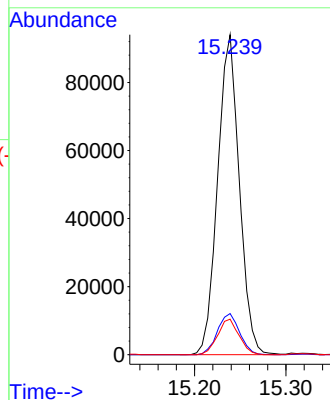
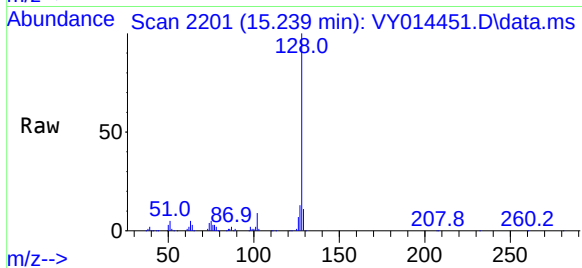


#95
Naphthalene
Concen: 19.203 ug/l
RT: 15.239 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Instrument :
MSVOA_Y
ClientSampleId :
VY0627SBSD01

Tgt Ion:128 Resp: 154878

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.8	16.2
129	11.0	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 20.131 ug/l
RT: 15.428 min Scan# 2232
Delta R.T. -0.000 min
Lab File: VY014451.D
Acq: 27 Jun 2023 12:27

Tgt Ion:180 Resp: 68763

Ion	Ratio	Lower	Upper
180	100		
182	93.2	47.3	141.8
145	30.2	15.4	46.2

