

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101323\
 Data File : VY015950.D
 Acq On : 13 Oct 2023 11:49
 Operator : SY/MD
 Sample : VY1013SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 14 01:48:12 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y101223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 13 13:13:02 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	208279	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	337160	50.000	ug/l	-0.01
63) Chlorobenzene-d5	11.490	117	319436	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	166439	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109391	46.020	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.040%
35) Dibromofluoromethane	7.716	113	101406	47.774	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.540%
50) Toluene-d8	10.179	98	399733	50.287	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.580%
62) 4-Bromofluorobenzene	12.483	95	144855	51.177	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.360%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32309	18.539	ug/l	98
3) Chloromethane	2.107	50	55362	17.528	ug/l	99
4) Vinyl Chloride	2.247	62	43543	19.532	ug/l	99
5) Bromomethane	2.650	94	27119	21.506	ug/l	99
6) Chloroethane	2.790	64	20940	14.534	ug/l	99
7) Trichlorofluoromethane	3.107	101	77051	20.376	ug/l	99
8) Diethyl Ether	3.522	74	24011	16.990	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.875	101	43261	20.120	ug/l	95
10) Methyl Iodide	4.070	142	49558	20.044	ug/l	98
11) Tert butyl alcohol	5.082	59	27318	19.808	ug/l #	78
12) 1,1-Dichloroethene	3.851	96	41239	20.360	ug/l	92
13) Acrolein	3.729	56	52119	116.094	ug/l	100
14) Allyl chloride	4.460	41	68220	20.843	ug/l	90
15) Acrylonitrile	5.180	53	146365	117.563	ug/l	99
16) Acetone	3.985	43	168397	121.956	ug/l	91
17) Carbon Disulfide	4.168	76	125144	20.214	ug/l	98
18) Methyl Acetate	4.491	43	102354	21.370	ug/l	93
19) Methyl tert-butyl Ether	5.229	73	124238	18.297	ug/l	99
20) Methylene Chloride	4.704	84	56348	18.781	ug/l	86
21) trans-1,2-Dichloroethene	5.204	96	48162	20.342	ug/l	91
22) Diisopropyl ether	6.125	45	135553	19.944	ug/l	93
23) Vinyl Acetate	6.064	43	389749	87.164	ug/l #	93
24) 1,1-Dichloroethane	6.009	63	81699	20.203	ug/l	98
25) 2-Butanone	7.009	43	230642	114.768	ug/l	93
26) 2,2-Dichloropropane	6.978	77	64217	19.123	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	53457	20.080	ug/l	91
28) Bromochloromethane	7.332	49	36067	19.986	ug/l	92
29) Tetrahydrofuran	7.362	42	159881	116.060	ug/l	93
30) Chloroform	7.503	83	85385	20.342	ug/l	98
31) Cyclohexane	7.777	56	73630	19.458	ug/l	87
32) 1,1,1-Trichloroethane	7.698	97	77453	20.748	ug/l	97
36) 1,1-Dichloropropene	7.911	75	66770	20.848	ug/l	98
37) Ethyl Acetate	7.082	43	73462	14.866	ug/l	98
38) Carbon Tetrachloride	7.893	117	68344	20.263	ug/l	99
39) Methylcyclohexane	9.179	83	81308	19.787	ug/l	95
40) Benzene	8.155	78	187986	20.286	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	31306	19.214	ug/l #	90
42) 1,2-Dichloroethane	8.234	62	56985	19.165	ug/l	93
43) Isopropyl Acetate	8.277	43	98484	18.551	ug/l	92
44) Trichloroethene	8.935	130	61688	21.602	ug/l	98
45) 1,2-Dichloropropane	9.216	63	47345	20.022	ug/l	99
46) Dibromomethane	9.307	93	31054	18.684	ug/l	98
47) Bromodichloromethane	9.496	83	65457	19.503	ug/l	98
48) Methyl methacrylate	9.295	41	44541	18.994	ug/l	86
49) 1,4-Dioxane	9.356	88	29830	643.552	ug/l #	94
51) 4-Methyl-2-Pentanone	10.075	43	388421	99.277	ug/l	91
52) Toluene	10.246	92	123128	20.782	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	75907	20.171	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	77647	19.194	ug/l #	87
55) 1,1,2-Trichloroethane	10.648	97	50645	21.402	ug/l	97
56) Ethyl methacrylate	10.514	69	77511	20.923	ug/l	86
57) 1,3-Dichloropropane	10.788	76	84438	21.033	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	174706	107.470	ug/l	93
59) 2-Hexanone	10.837	43	423119	126.692	ug/l	86
60) Dibromochloromethane	10.984	129	56294	20.919	ug/l	98
61) 1,2-Dibromoethane	11.087	107	54133	21.141	ug/l	100
64) Tetrachloroethene	10.721	164	61055	21.926	ug/l	96
65) Chlorobenzene	11.514	112	136310	20.366	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	50953	20.565	ug/l	98
67) Ethyl Benzene	11.593	91	240470	20.548	ug/l	99
68) m/p-Xylenes	11.703	106	188255	41.682	ug/l	95
69) o-Xylene	12.032	106	89392	20.702	ug/l	97
70) Styrene	12.044	104	152990	20.819	ug/l	96
71) Bromoform	12.209	173	43723	20.723	ug/l #	98
73) Isopropylbenzene	12.331	105	235031	19.948	ug/l	99
74) N-amyl acetate	12.148	43	95426	20.047	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.587	83	68031	18.798	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	108827	33.411	ug/l #	100
77) Bromobenzene	12.611	156	58840	19.893	ug/l	88
78) n-propylbenzene	12.672	91	287166	20.042	ug/l	99
79) 2-Chlorotoluene	12.758	91	163082	20.124	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	199763	20.407	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	28252	20.432	ug/l	93
82) 4-Chlorotoluene	12.855	91	171716	20.617	ug/l	99
83) tert-Butylbenzene	13.075	119	170649	19.839	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	199065	20.259	ug/l	97
85) sec-Butylbenzene	13.251	105	258592	20.257	ug/l	100
86) p-Isopropyltoluene	13.367	119	216956	20.338	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	115565	20.345	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	116953	20.389	ug/l	98
89) n-Butylbenzene	13.697	91	205772	20.513	ug/l	97
90) Hexachloroethane	13.965	117	41378	20.238	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	109845	20.611	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	24467	23.633	ug/l	87
93) 1,2,4-Trichlorobenzene	15.007	180	72532	20.706	ug/l	99
94) Hexachlorobutadiene	15.111	225	36565	20.558	ug/l	97
95) Naphthalene	15.239	128	240613	21.173	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	68795	20.485	ug/l	99

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QLast Update : Fri Oct 13 13:13:02 2023
Response via : Initial Calibration

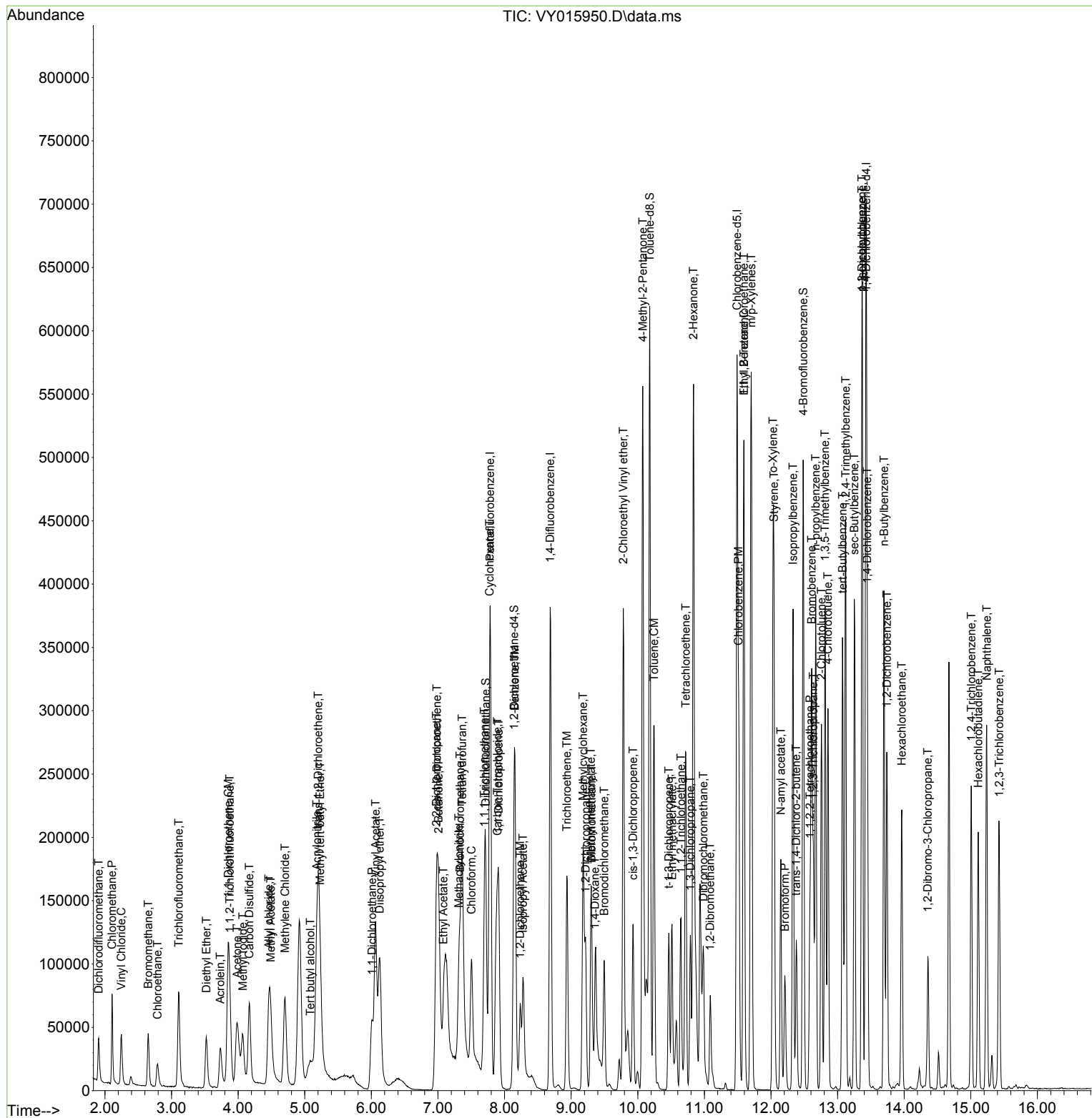
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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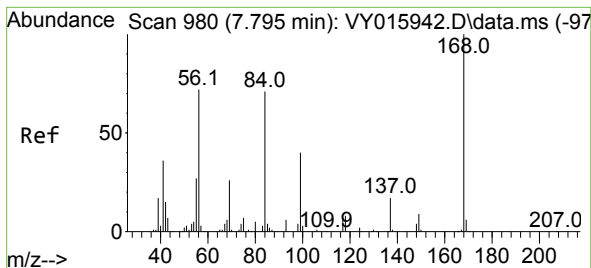
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.012 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

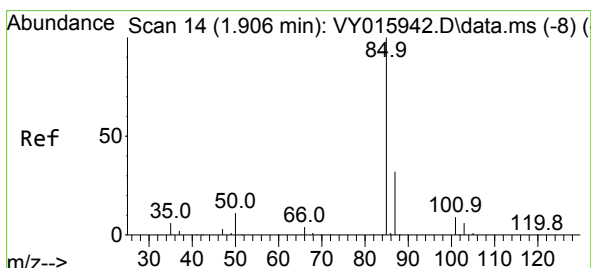
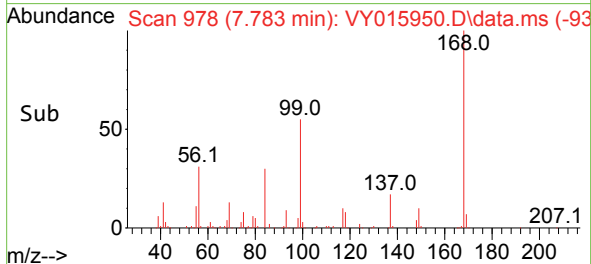
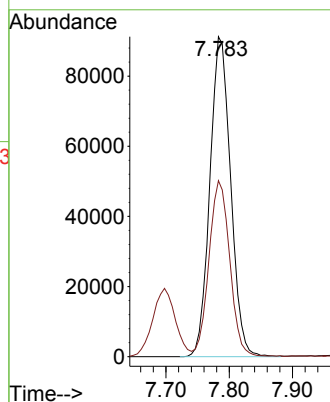
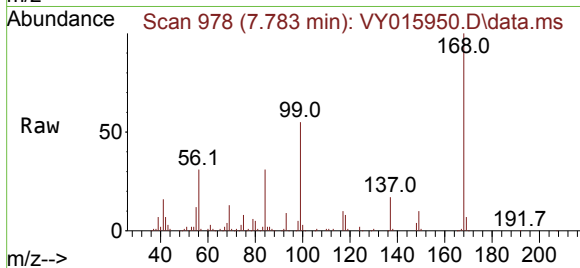
ClientSampleId :

Tgt Ion:168 Resp: 208279

Ion Ratio Lower Upper

168 100

99 54.7 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 18.539 ug/l

RT: 1.906 min Scan# 14

Delta R.T. -0.000 min

Lab File: VY015950.D

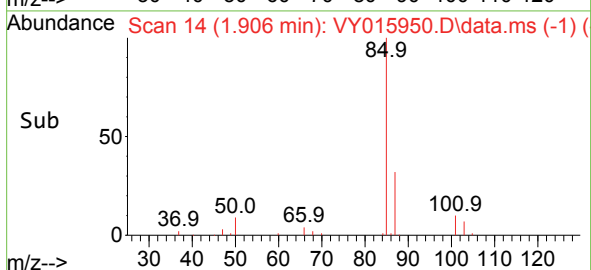
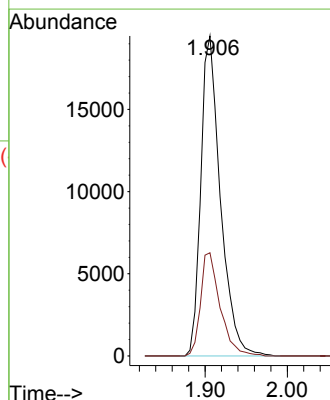
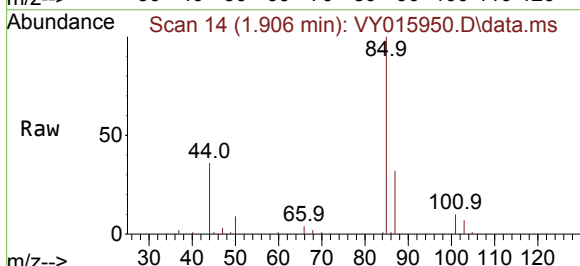
Acq: 13 Oct 2023 11:49

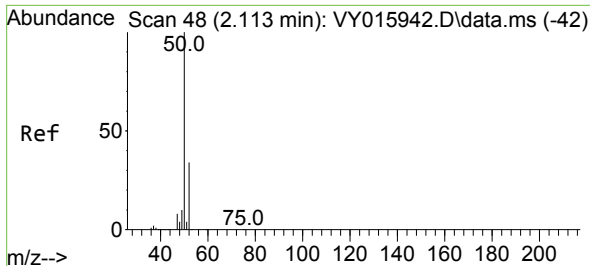
Tgt Ion: 85 Resp: 32309

Ion Ratio Lower Upper

85 100

87 32.3 15.6 46.8

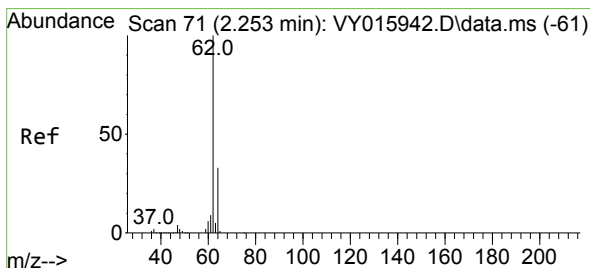
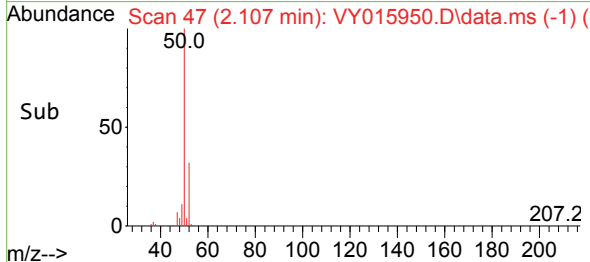
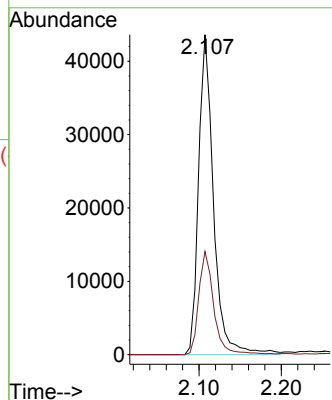
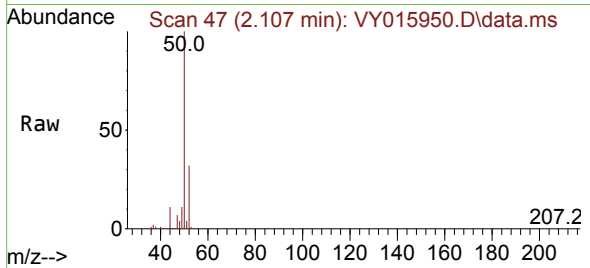




#3
Chloromethane
Concen: 17.528 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

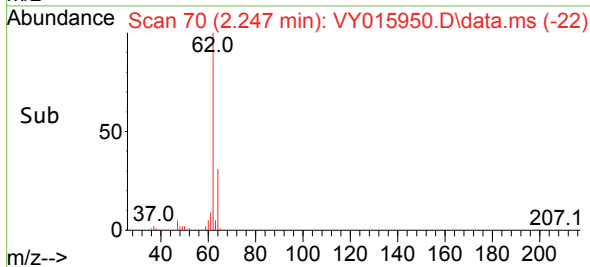
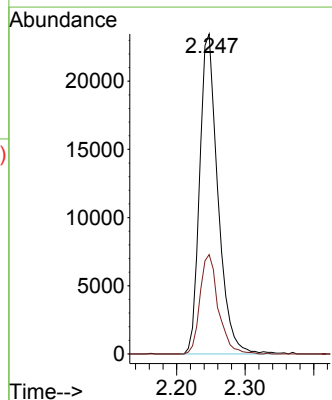
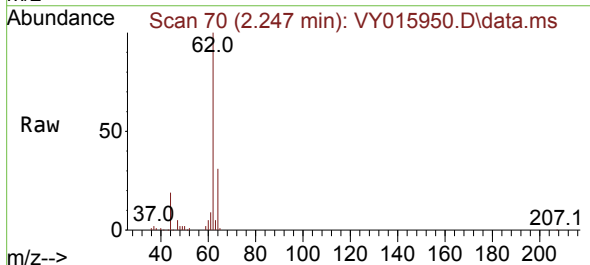
Instrument :
MSVOA_Y
ClientSampleId :

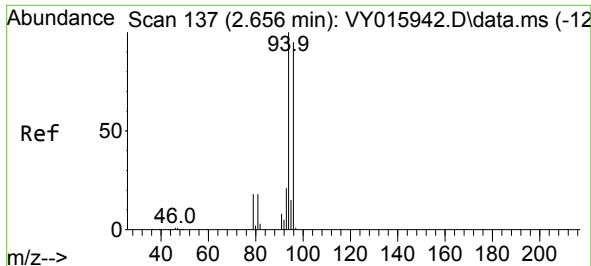
Tgt Ion: 50 Resp: 55362
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2



#4
Vinyl Chloride
Concen: 19.532 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 62 Resp: 43543
Ion Ratio Lower Upper
62 100
64 31.0 24.3 36.5

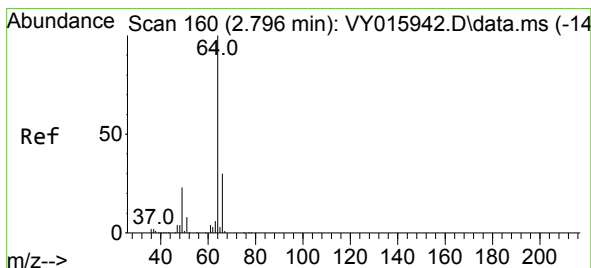
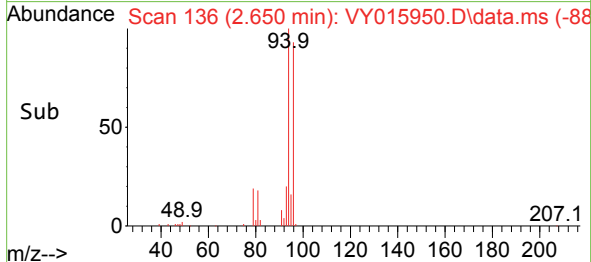
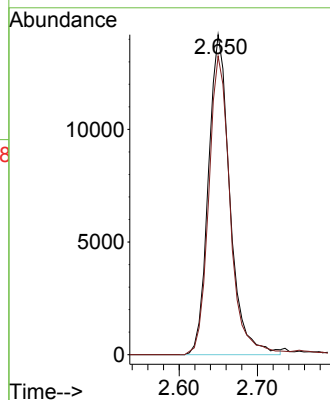
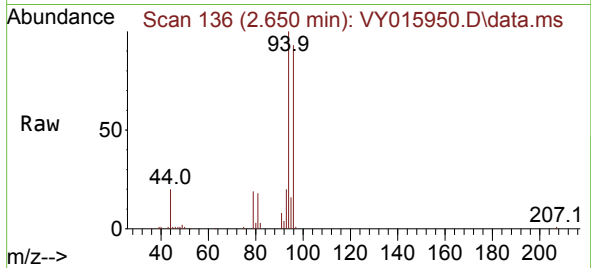




#5
Bromomethane
Concen: 21.506 ug/l
RT: 2.650 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

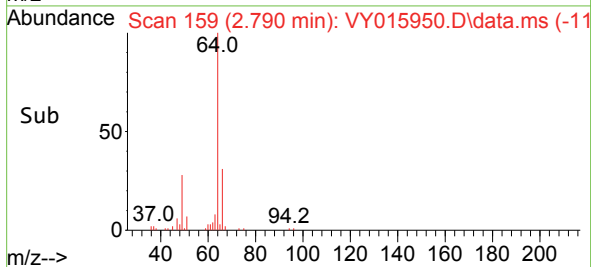
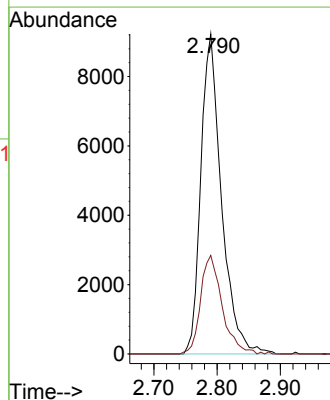
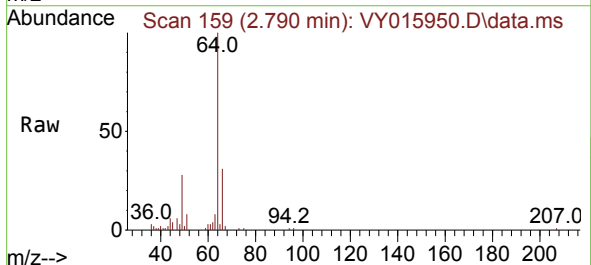
Instrument :
MSVOA_Y
ClientSampleId :

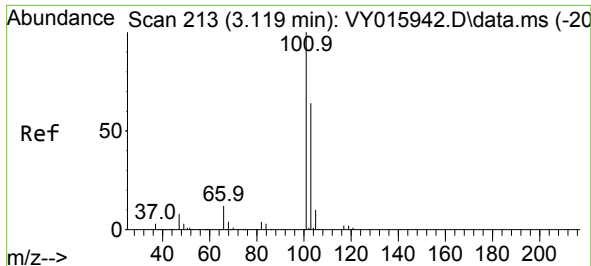
Tgt Ion: 94 Resp: 27119
Ion Ratio Lower Upper
94 100
96 93.3 75.8 113.6



#6
Chloroethane
Concen: 14.534 ug/l
RT: 2.790 min Scan# 159
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 64 Resp: 20940
Ion Ratio Lower Upper
64 100
66 30.8 24.4 36.6

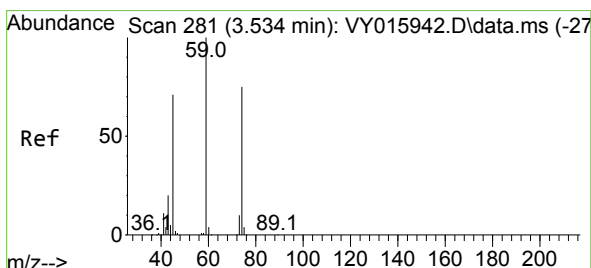
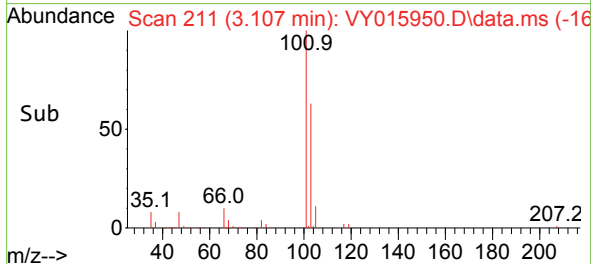
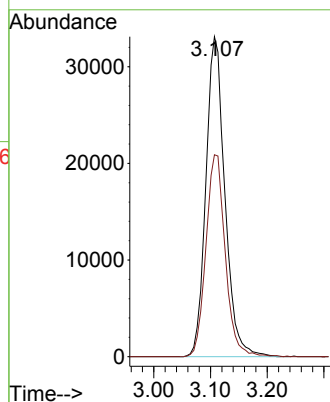
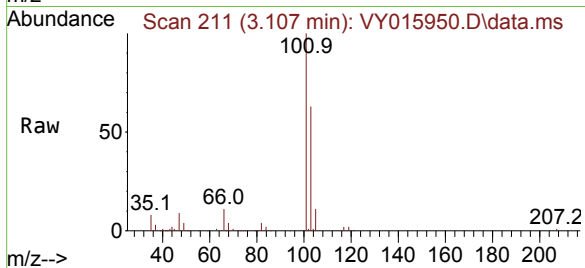




#7
Trichlorofluoromethane
Concen: 20.376 ug/l
RT: 3.107 min Scan# 213
Delta R.T. -0.012 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

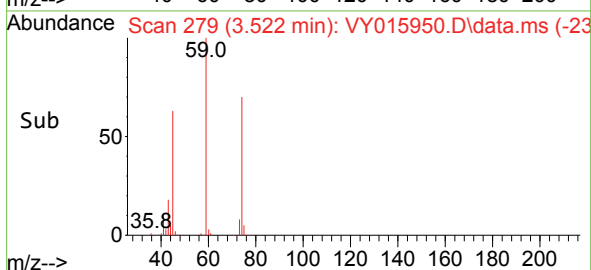
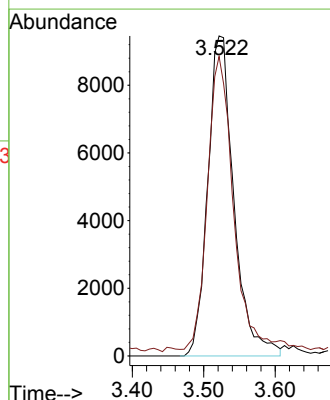
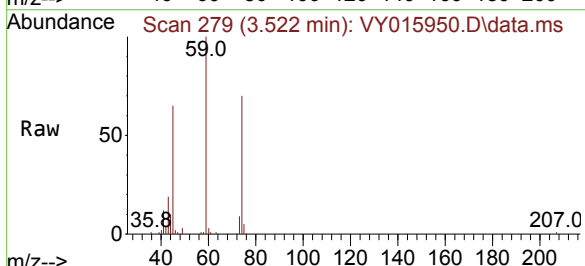
Instrument :
MSVOA_Y
ClientSampleId :

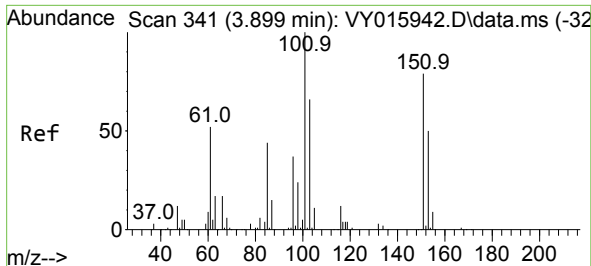
Tgt Ion:101 Resp: 77051
Ion Ratio Lower Upper
101 100
103 63.1 51.4 77.0



#8
Diethyl Ether
Concen: 16.990 ug/l
RT: 3.522 min Scan# 279
Delta R.T. -0.012 min
Lab File: VY015950.D
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Tgt Ion: 74 Resp: 24011
Ion Ratio Lower Upper
74 100
45 91.0 51.5 154.5

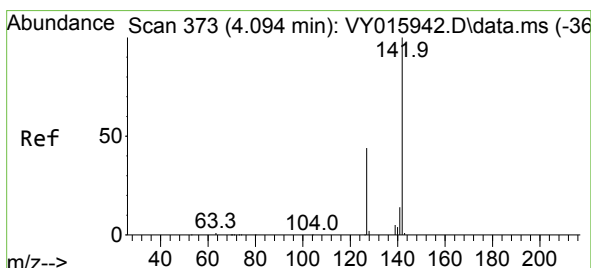
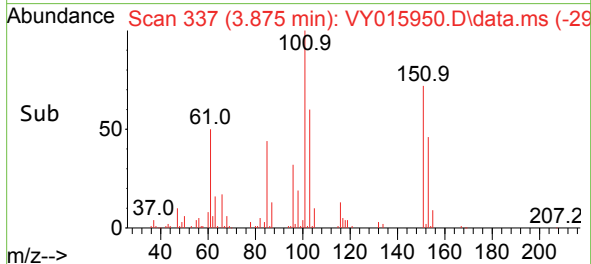
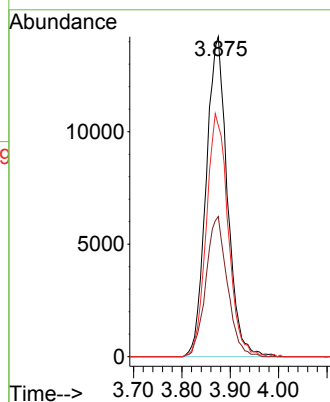
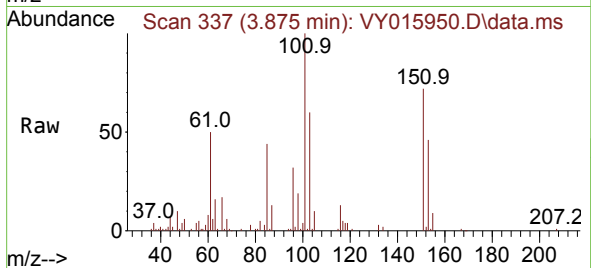




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.120 ug/l
RT: 3.875 min Scan# 31
Delta R.T. -0.024 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

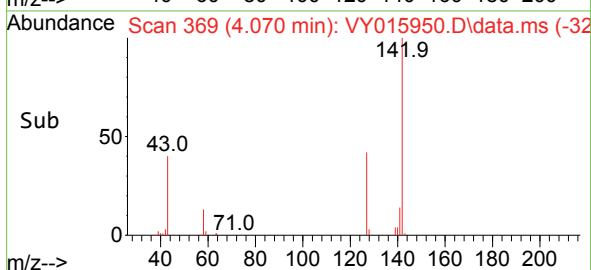
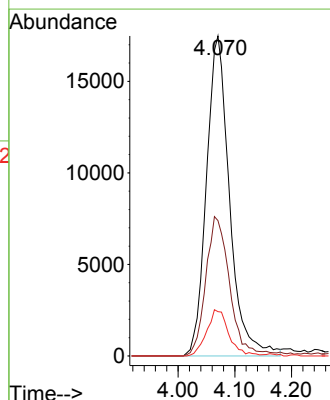
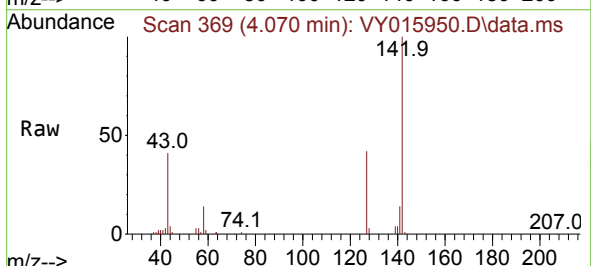
Instrument :
MSVOA_Y
ClientSampleId :

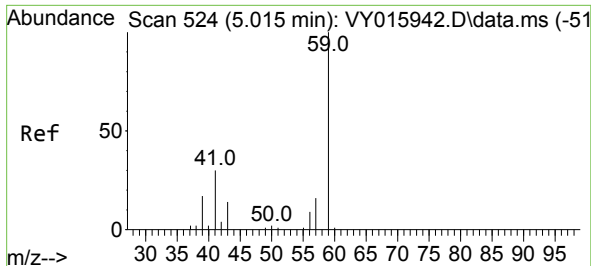
Tgt Ion:101 Resp: 43261
Ion Ratio Lower Upper
101 100
85 44.4 36.6 55.0
151 77.7 67.0 100.6



#10
Methyl Iodide
Concen: 20.044 ug/l
RT: 4.070 min Scan# 369
Delta R.T. -0.024 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

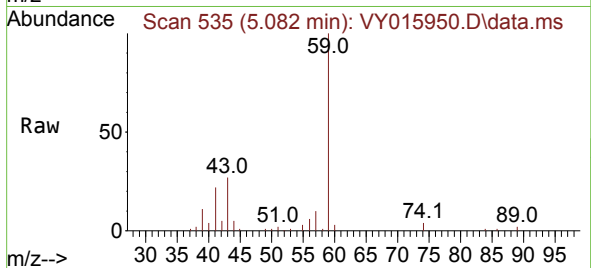
Tgt Ion:142 Resp: 49558
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 13.8 11.8 17.8



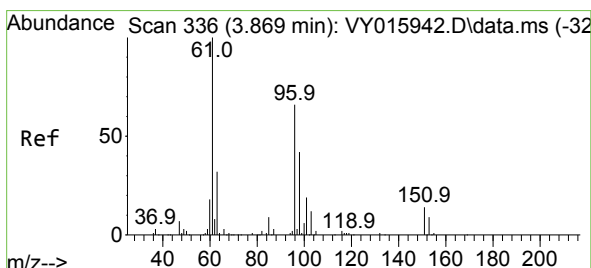
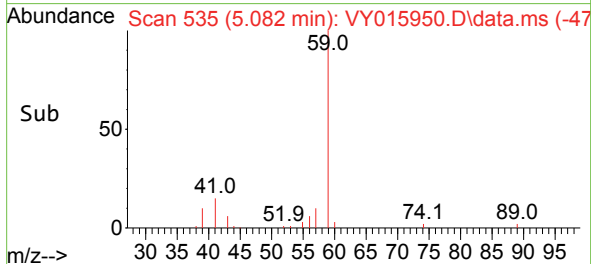
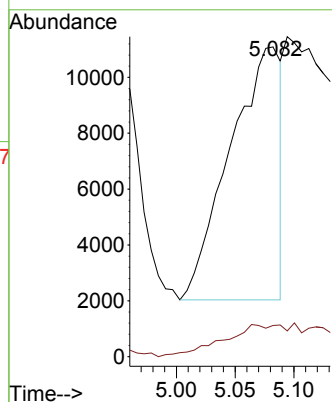


#11
Tert butyl alcohol
Concen: 19.808 ug/l
RT: 5.082 min Scan# 51
Delta R.T. 0.067 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Instrument :
MSVOA_Y
ClientSampleId :

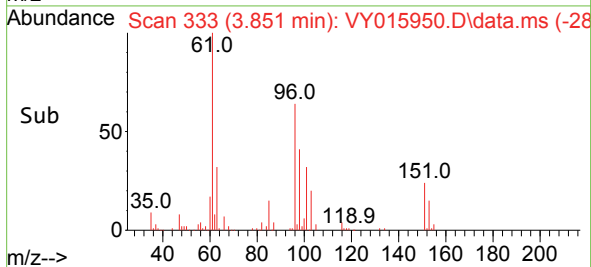
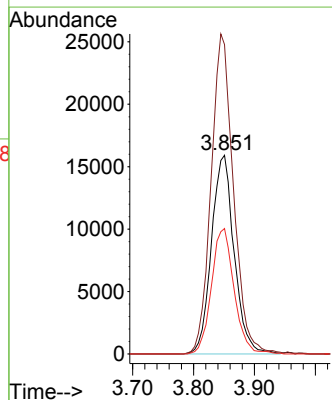
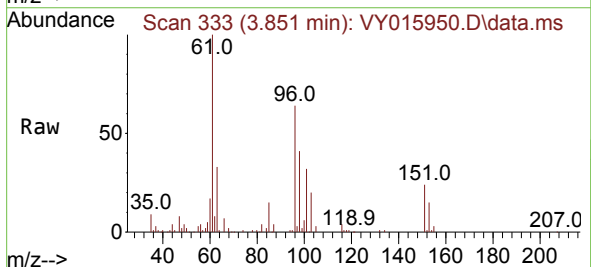


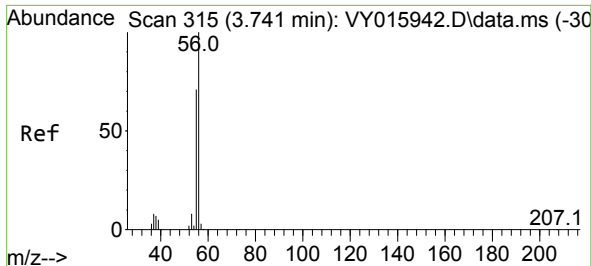
Tgt Ion: 59 Resp: 27318
Ion Ratio Lower Upper
59 100
57 10.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 20.360 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.018 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

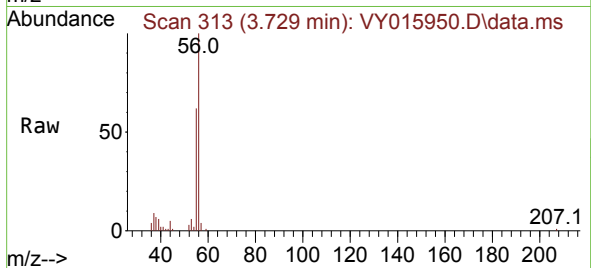
Tgt Ion: 96 Resp: 41239
Ion Ratio Lower Upper
96 100
61 155.8 136.4 204.6
98 63.1 49.4 74.2



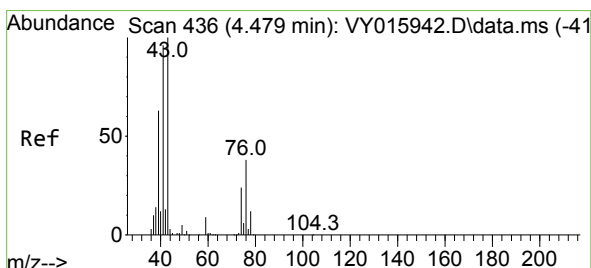
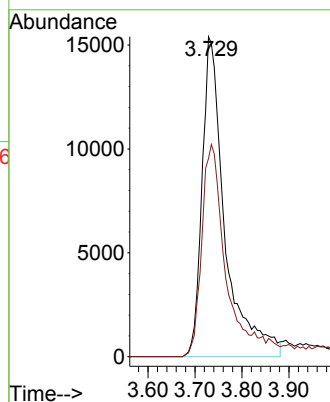
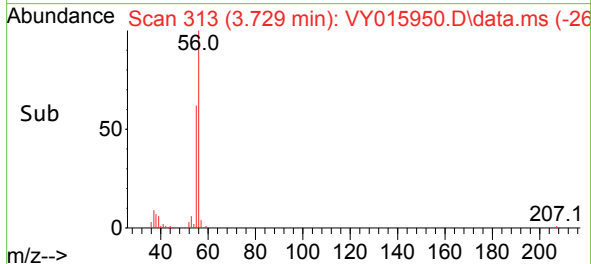


#13
Acrolein
Concen: 116.094 ug/l
RT: 3.729 min Scan# 315
Delta R.T. -0.012 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Instrument :
MSVOA_Y
ClientSampleId :

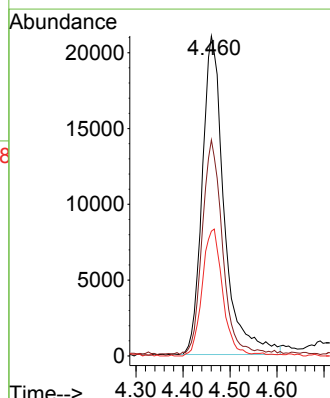
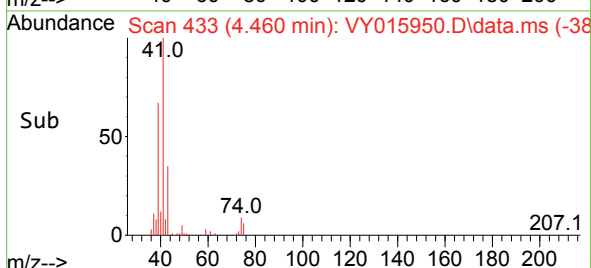
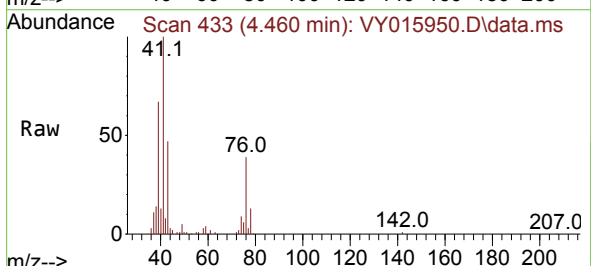


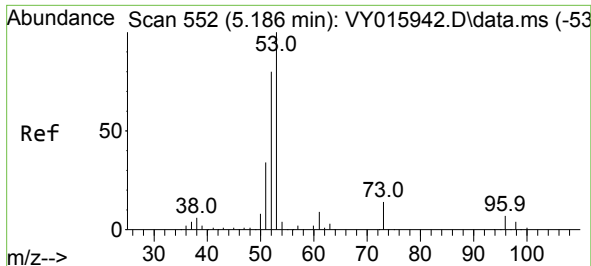
Tgt Ion: 56 Resp: 52119
Ion Ratio Lower Upper
56 100
55 71.0 57.0 85.4



#14
Allyl chloride
Concen: 20.843 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.018 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

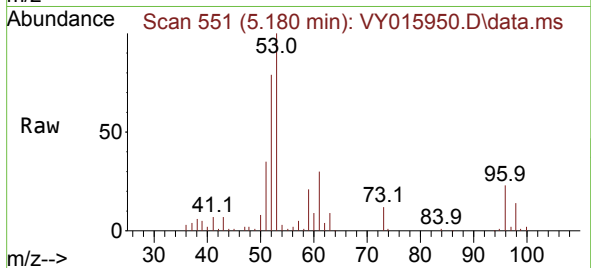
Tgt Ion: 41 Resp: 68220
Ion Ratio Lower Upper
41 100
39 61.9 58.0 87.0
76 36.9 27.4 41.2



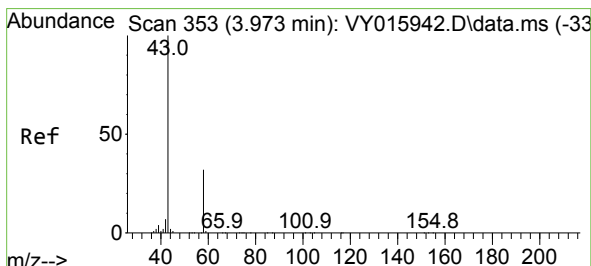
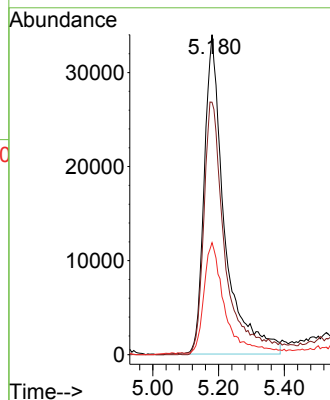
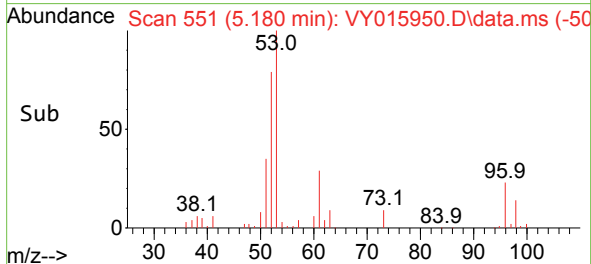


#15
Acrylonitrile
Concen: 117.563 ug/l
RT: 5.180 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Instrument :
MSVOA_Y
ClientSampleId :

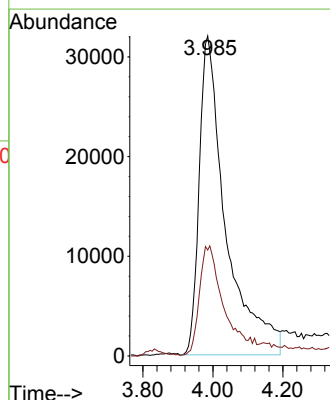
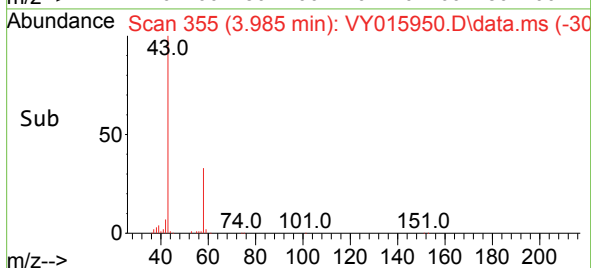
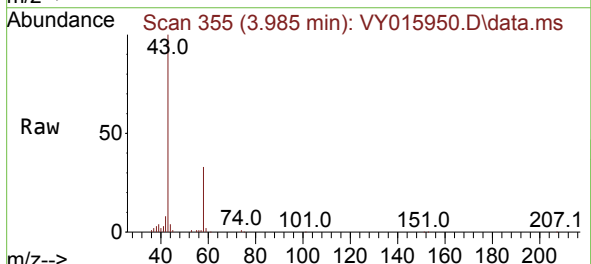


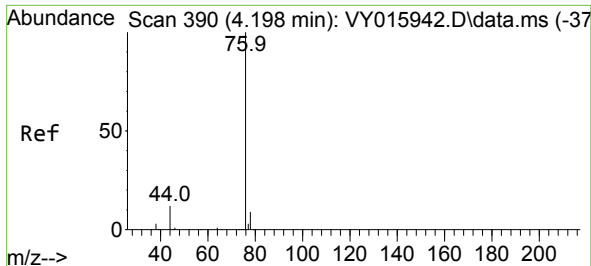
Tgt Ion: 53 Resp: 146365
Ion Ratio Lower Upper
53 100
52 83.7 66.9 100.3
51 35.3 29.8 44.6



#16
Acetone
Concen: 121.956 ug/l
RT: 3.985 min Scan# 355
Delta R.T. 0.012 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 43 Resp: 168397
Ion Ratio Lower Upper
43 100
58 33.0 22.7 34.1

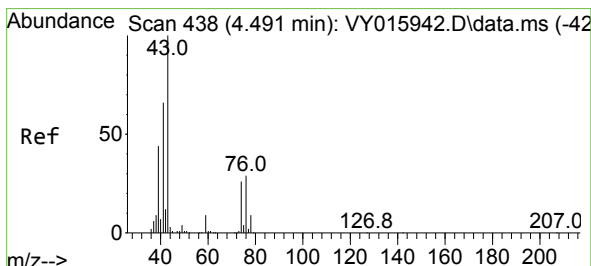
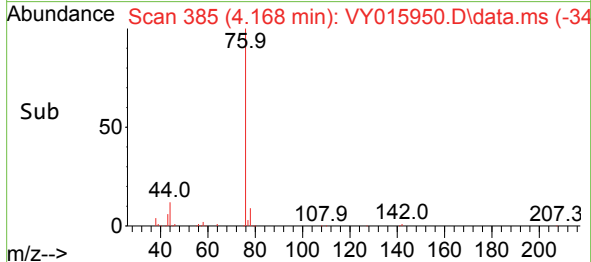
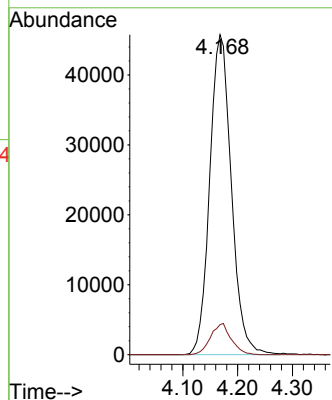
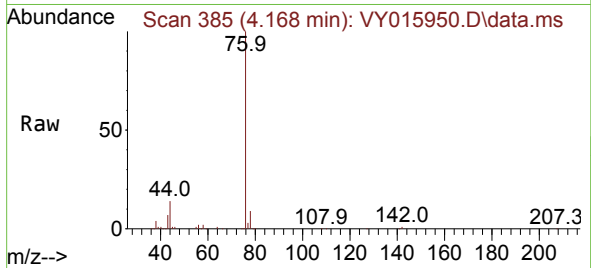




#17
Carbon Disulfide
Concen: 20.214 ug/l
RT: 4.168 min Scan# 31
Delta R.T. -0.030 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

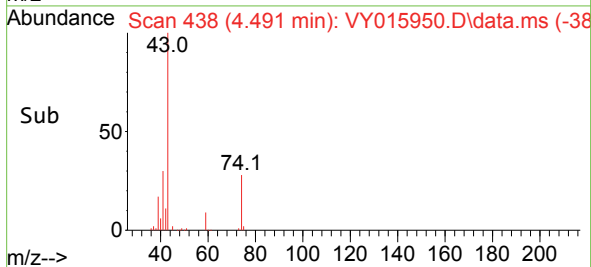
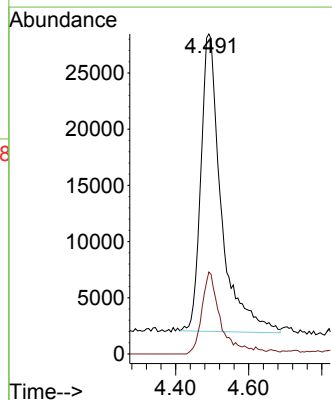
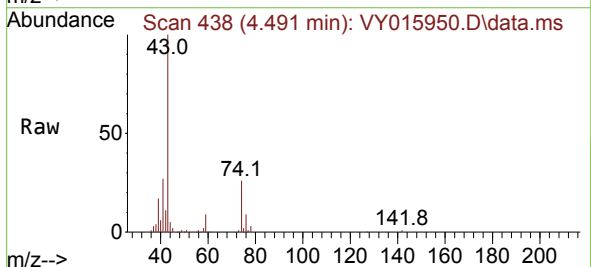
Instrument :
MSVOA_Y
ClientSampleId :

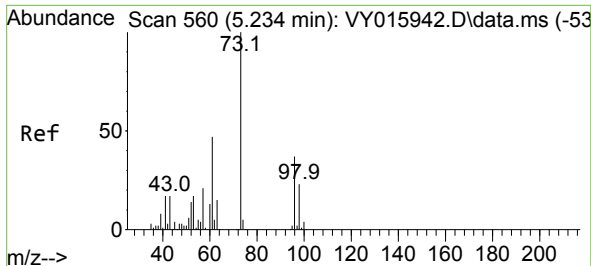
Tgt Ion: 76 Resp: 125144
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.4



#18
Methyl Acetate
Concen: 21.370 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 43 Resp: 102354
Ion Ratio Lower Upper
43 100
74 24.9 17.4 26.0

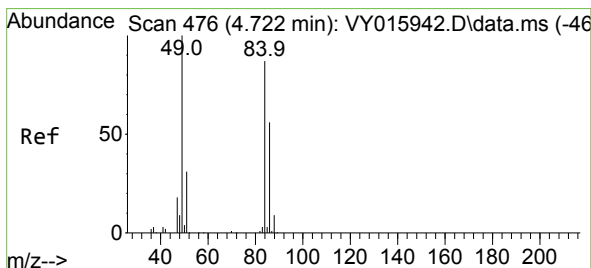
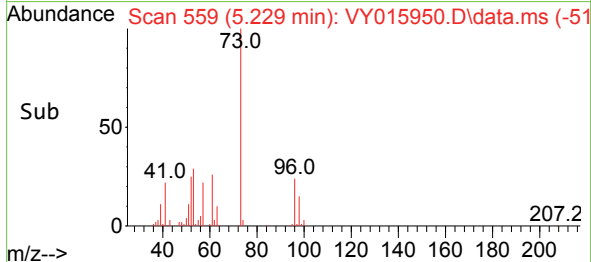
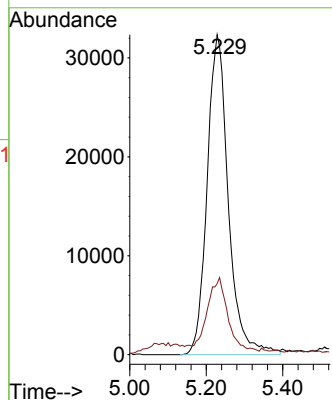
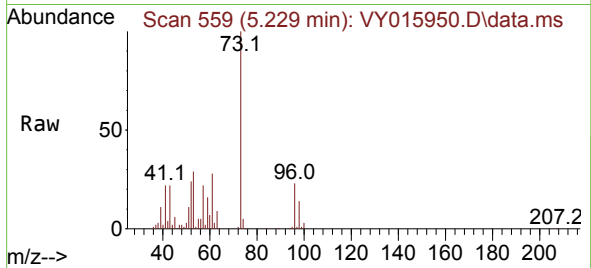




#19
Methyl tert-butyl Ether
Concen: 18.297 ug/l
RT: 5.229 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

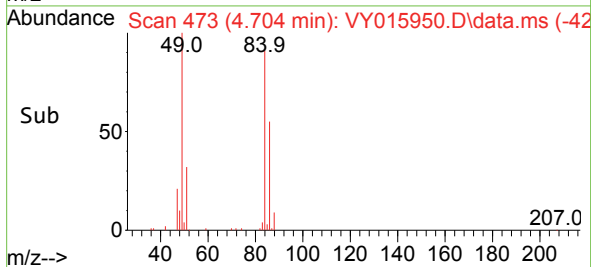
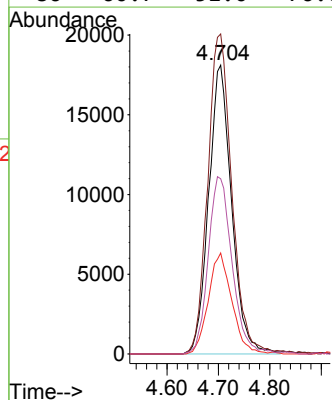
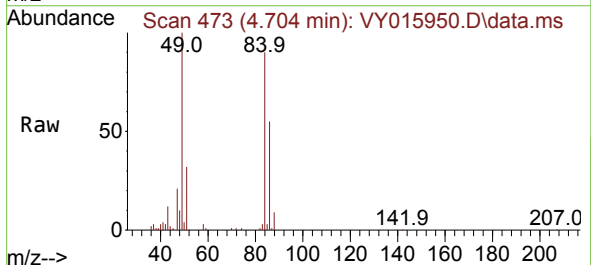
Instrument :
MSVOA_Y
ClientSampleId :

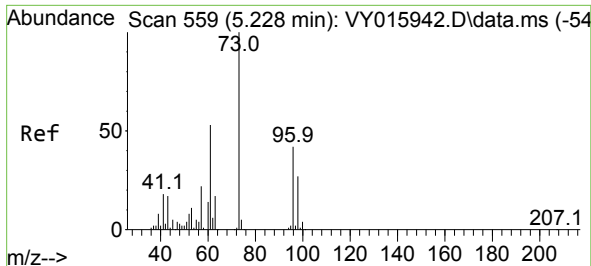
Tgt Ion: 73 Resp: 124238
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 18.781 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.018 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

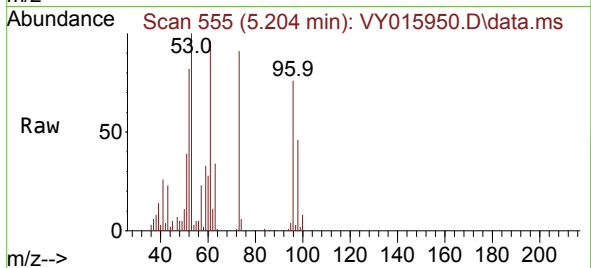
Tgt Ion: 84 Resp: 56348
Ion Ratio Lower Upper
84 100
49 110.8 106.9 160.3
51 34.9 33.2 49.8
86 60.7 51.0 76.6



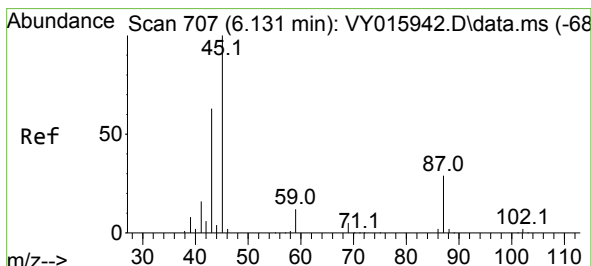
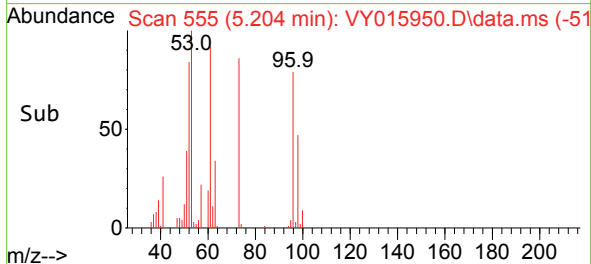
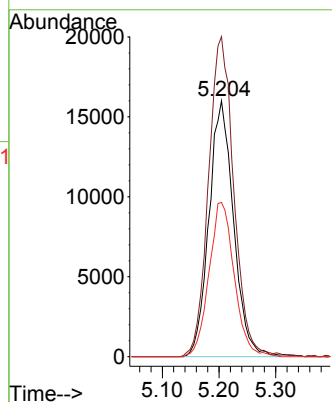


#21
trans-1,2-Dichloroethene
Concen: 20.342 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.024 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Instrument :
MSVOA_Y
ClientSampleId :

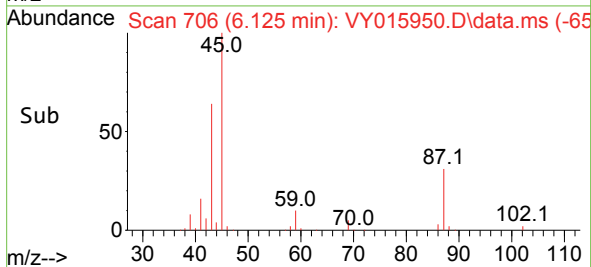
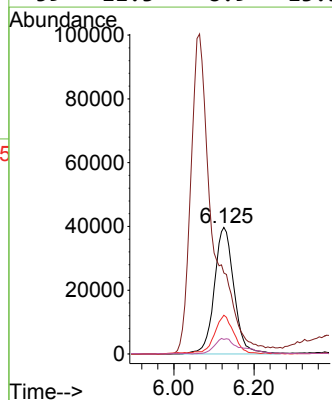
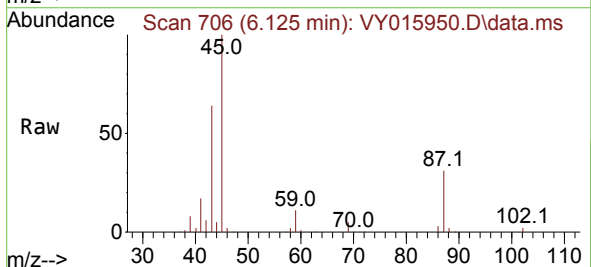


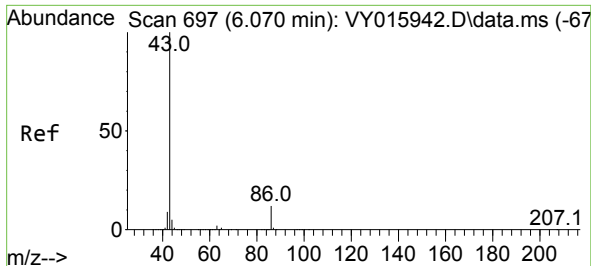
Tgt Ion: 96 Resp: 48162
Ion Ratio Lower Upper
96 100
61 125.1 110.2 165.4
98 60.3 51.8 77.6



#22
Diisopropyl ether
Concen: 19.944 ug/l
RT: 6.125 min Scan# 706
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

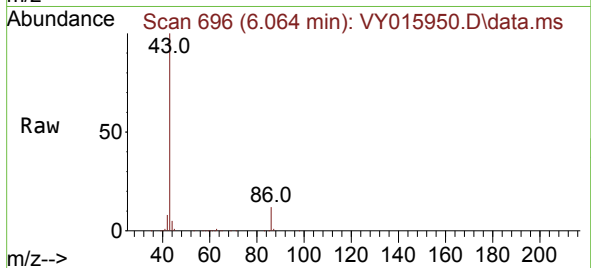
Tgt Ion: 45 Resp: 135553
Ion Ratio Lower Upper
45 100
43 58.9 52.2 78.4
87 30.4 21.0 31.6
59 11.3 8.9 13.3



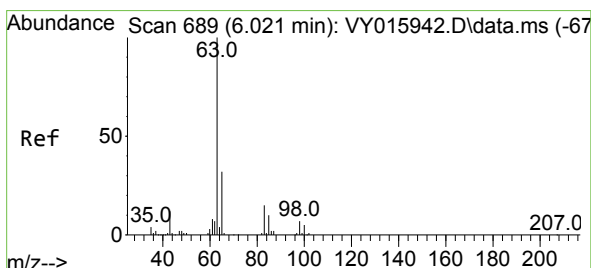
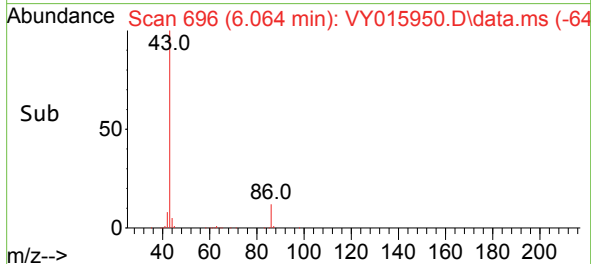
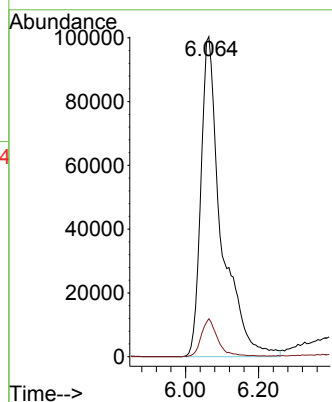


#23
 Vinyl Acetate
 Concen: 87.164 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. -0.006 min
 Lab File: VY015950.D
 Acq: 13 Oct 2023 11:49

Instrument :
 MSVOA_Y
 ClientSampleId :

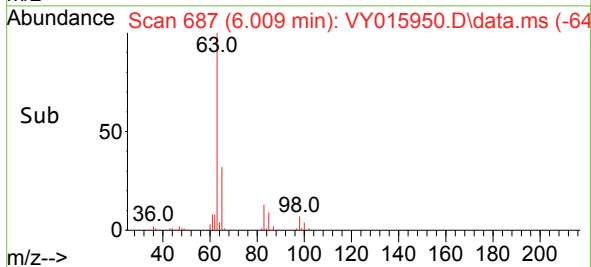
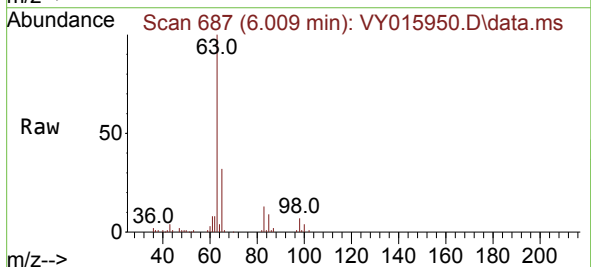
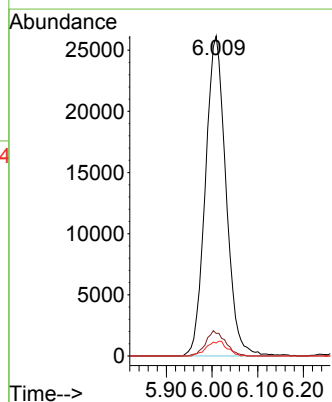


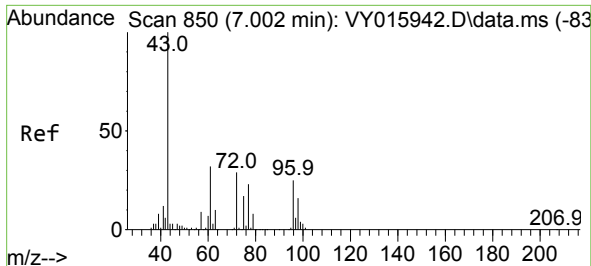
Tgt Ion: 43 Resp: 389749
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 20.203 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY015950.D
 Acq: 13 Oct 2023 11:49

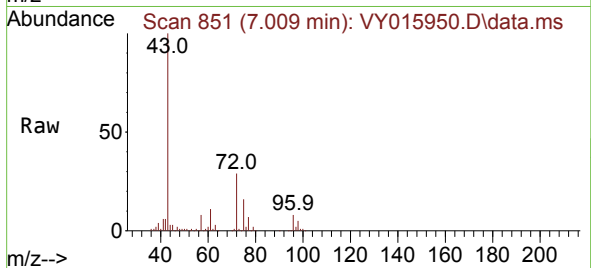
Tgt Ion: 63 Resp: 81699
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.1 1.8 5.5



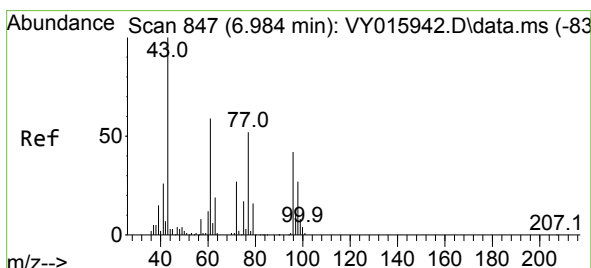
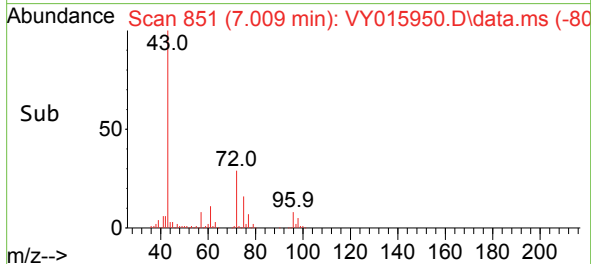
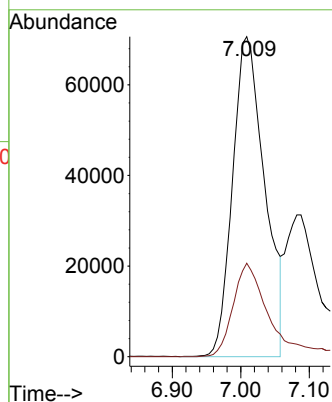


#25
2-Butanone
Concen: 114.768 ug/l
RT: 7.009 min Scan# 851
Delta R.T. 0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Instrument :
MSVOA_Y
ClientSampleId :

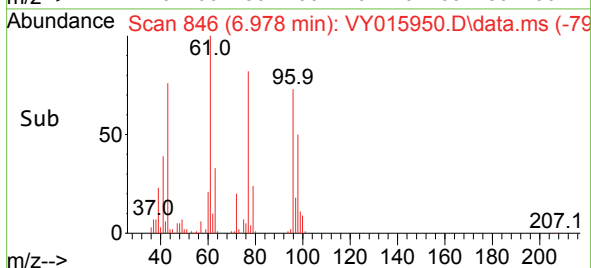
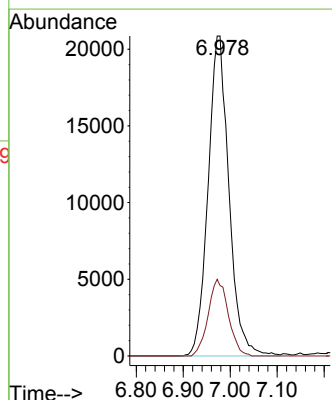
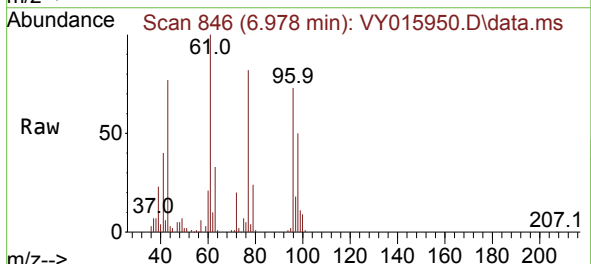


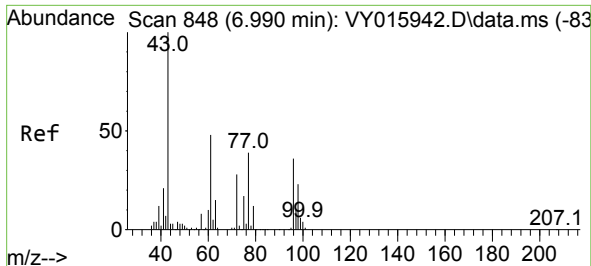
Tgt Ion: 43 Resp: 230642
Ion Ratio Lower Upper
43 100
72 29.2 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.123 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

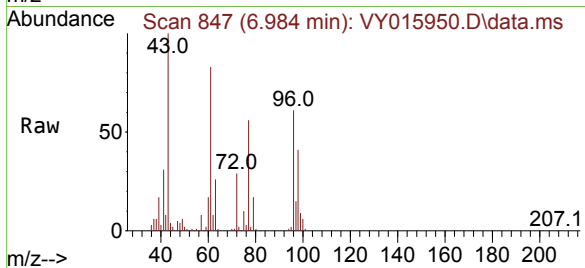
Tgt Ion: 77 Resp: 64217
Ion Ratio Lower Upper
77 100
97 23.2 10.9 32.9



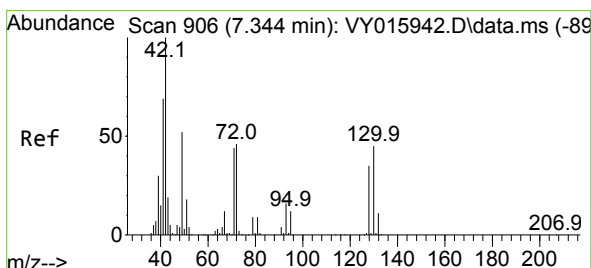
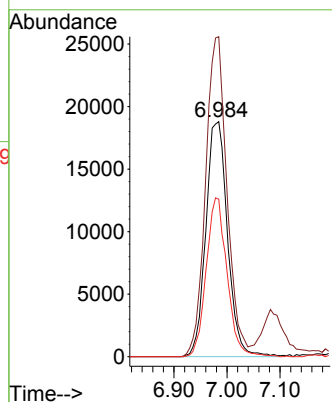
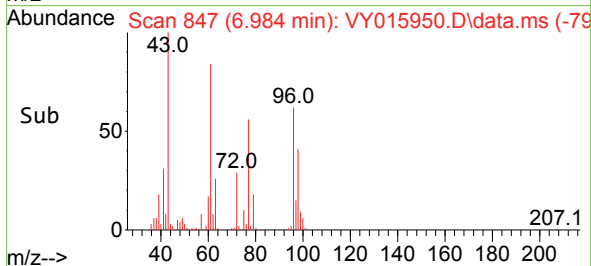


#27
 cis-1,2-Dichloroethene
 Concen: 20.080 ug/l
 RT: 6.984 min Scan# 84
 Delta R.T. -0.006 min
 Lab File: VY015950.D
 Acq: 13 Oct 2023 11:49

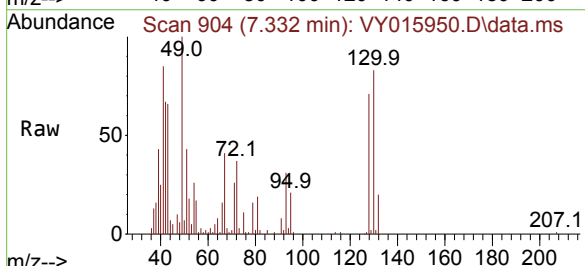
Instrument :
 MSVOA_Y
 ClientSampleId :



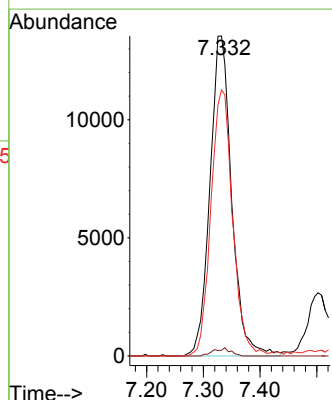
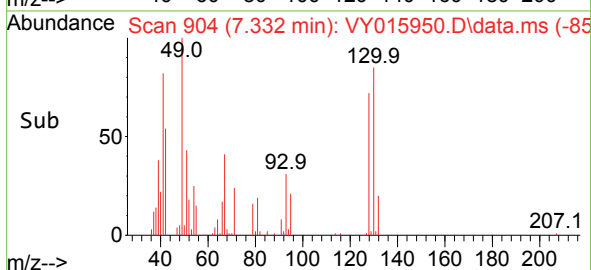
Tgt Ion: 96 Resp: 53457
 Ion Ratio Lower Upper
 96 100
 61 134.5 0.0 301.4
 98 64.9 0.0 130.4

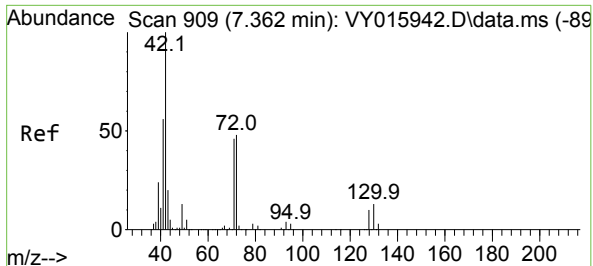


#28
 Bromochloromethane
 Concen: 19.986 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.012 min
 Lab File: VY015950.D
 Acq: 13 Oct 2023 11:49



Tgt Ion: 49 Resp: 36067
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 83.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 116.060 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

ClientSampleId :

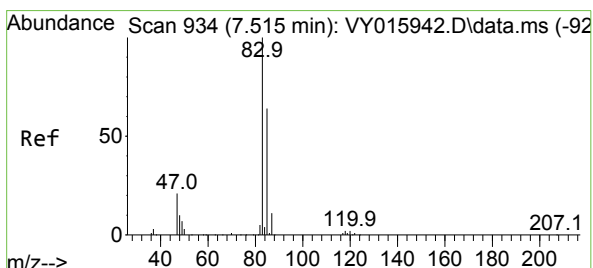
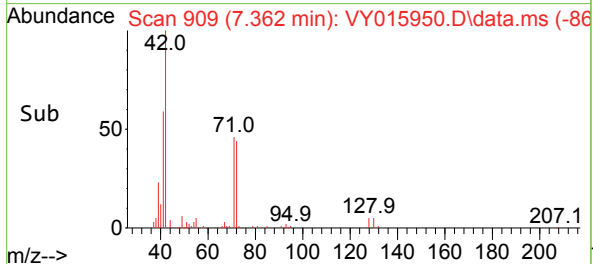
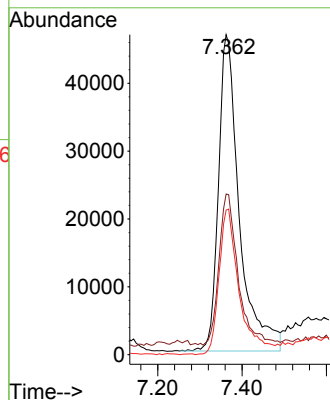
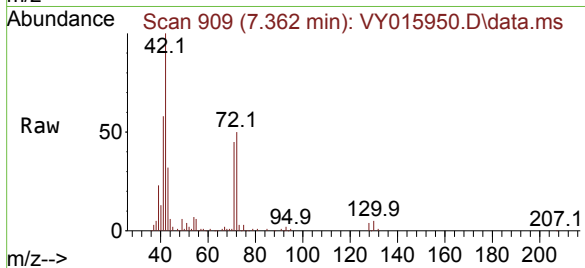
Tgt Ion: 42 Resp: 159881

Ion Ratio Lower Upper

42 100

72 44.0 32.8 49.2

71 44.9 31.0 46.4



#30

Chloroform

Concen: 20.342 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.012 min

Lab File: VY015950.D

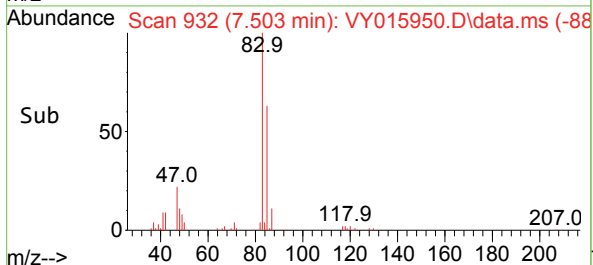
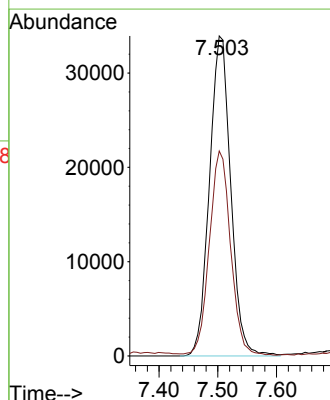
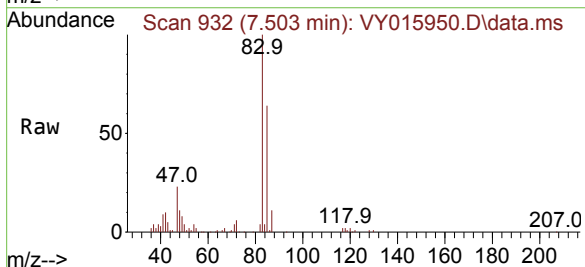
Acq: 13 Oct 2023 11:49

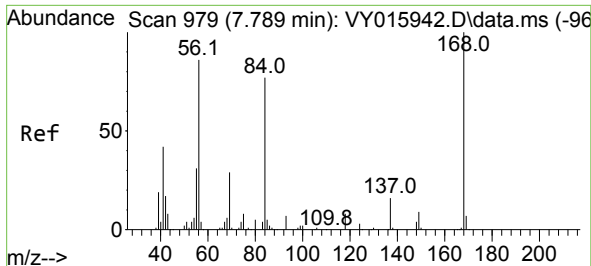
Tgt Ion: 83 Resp: 85385

Ion Ratio Lower Upper

83 100

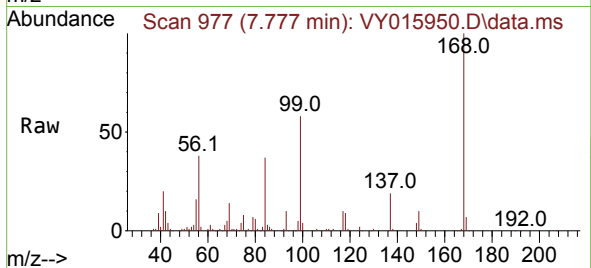
85 63.7 49.7 74.5



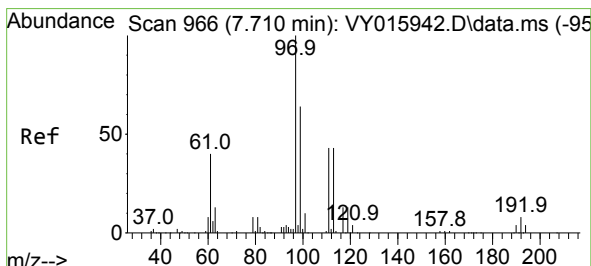
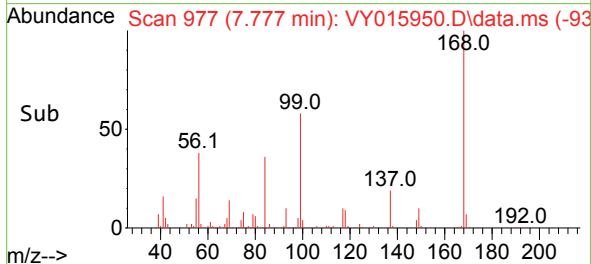
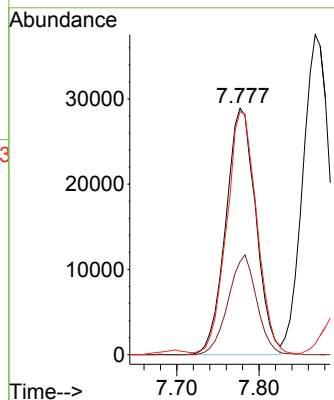


#31
Cyclohexane
Concen: 19.458 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Instrument :
MSVOA_Y
ClientSampleId :

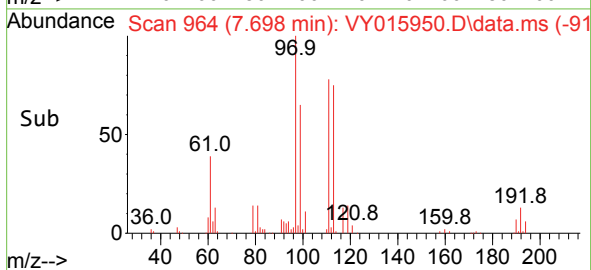
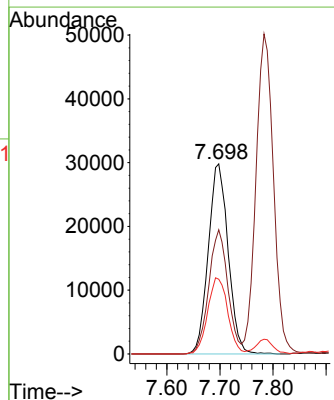
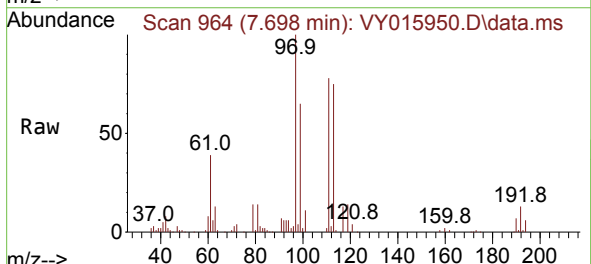


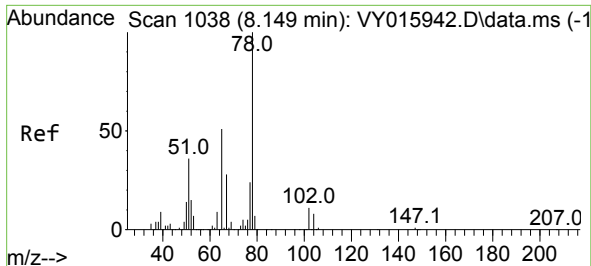
Tgt Ion: 56 Resp: 73630
Ion Ratio Lower Upper
56 100
69 37.7 27.8 41.6
84 97.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.748 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.012 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 97 Resp: 77453
Ion Ratio Lower Upper
97 100
99 63.0 50.8 76.2
61 40.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 46.020 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

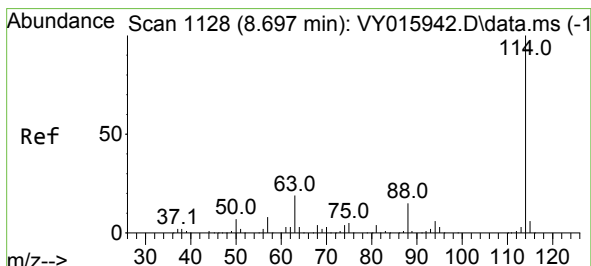
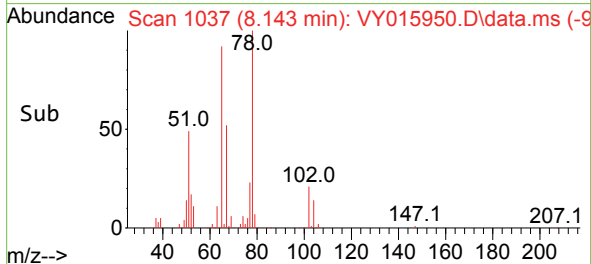
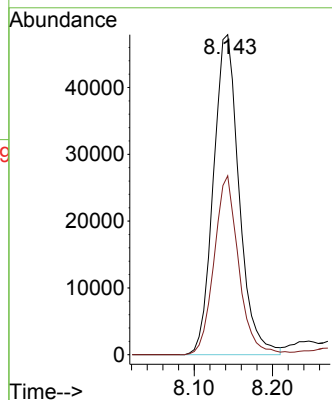
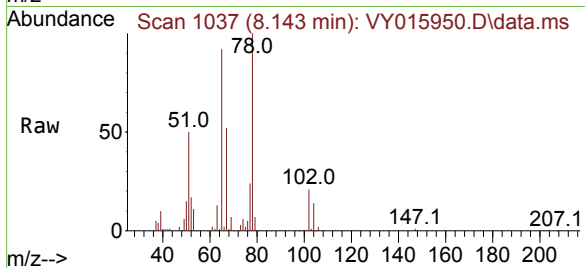
ClientSampleId :

Tgt Ion: 65 Resp: 109391

Ion Ratio Lower Upper

65 100

67 53.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.012 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

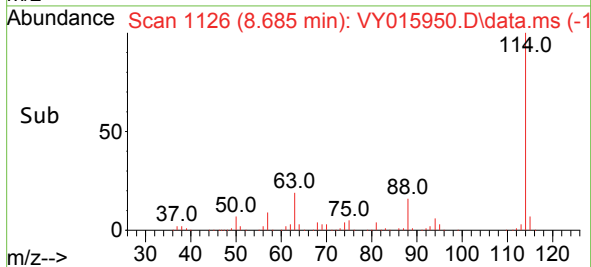
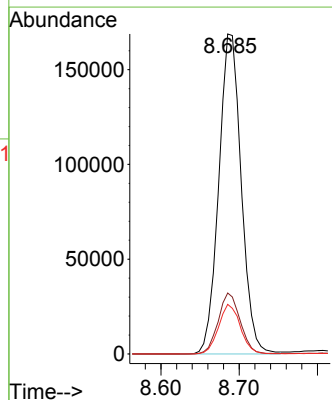
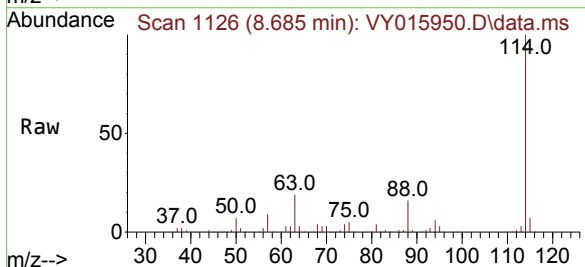
Tgt Ion:114 Resp: 337160

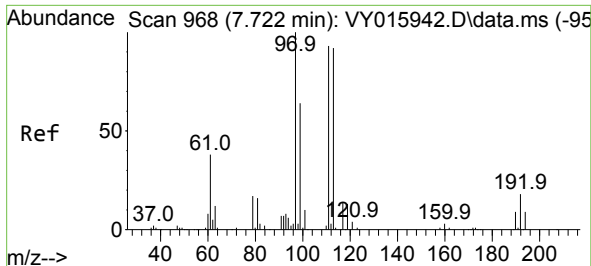
Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

88 15.5 0.0 30.6

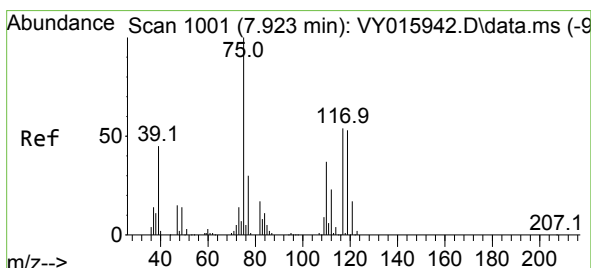
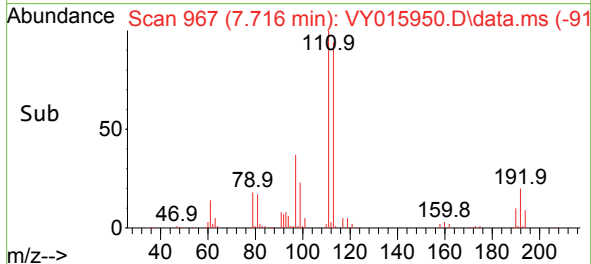
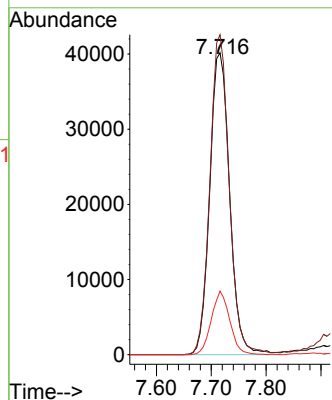
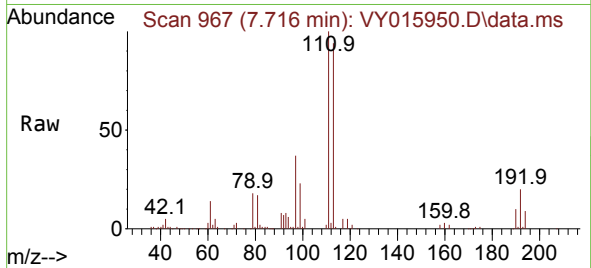




#35
Dibromofluoromethane
Concen: 47.774 ug/l
RT: 7.716 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

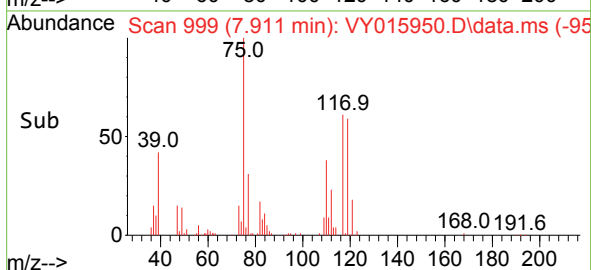
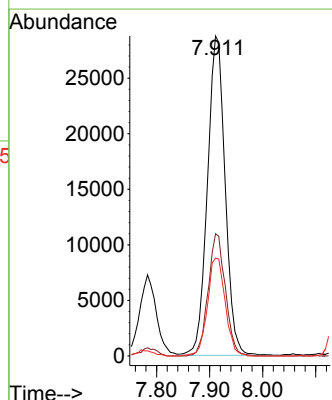
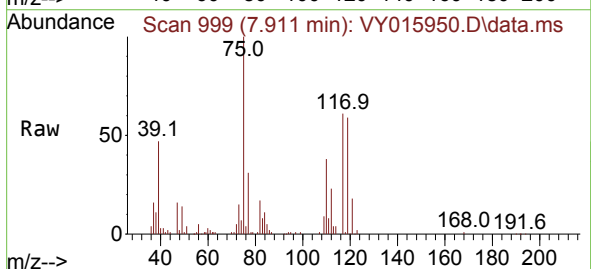
Instrument :
MSVOA_Y
ClientSampleId :

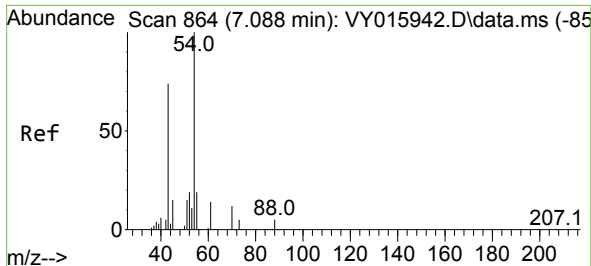
Tgt Ion:113 Resp: 101406
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 19.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.848 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.012 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

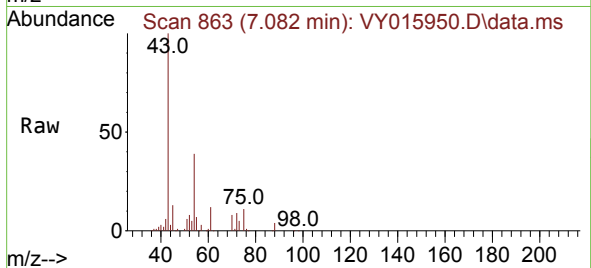
Tgt Ion: 75 Resp: 66770
Ion Ratio Lower Upper
75 100
110 37.2 17.8 53.5
77 30.7 24.4 36.6



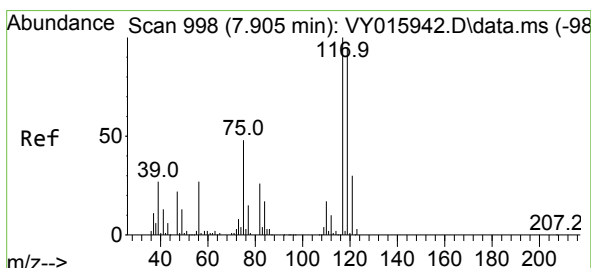
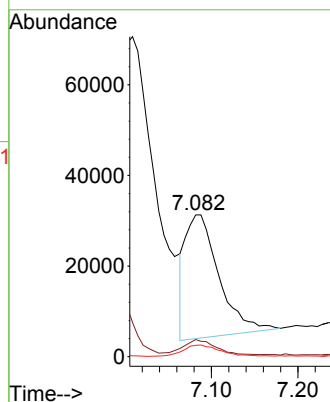
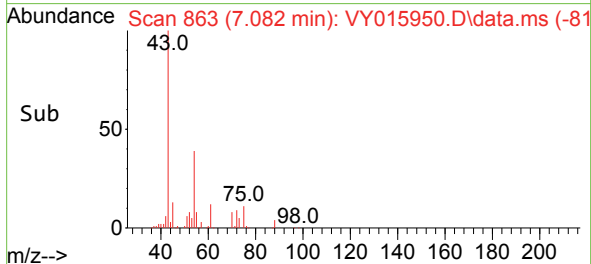


#37
Ethyl Acetate
Concen: 14.866 ug/l
RT: 7.082 min Scan# 863
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Instrument :
MSVOA_Y
ClientSampleId :

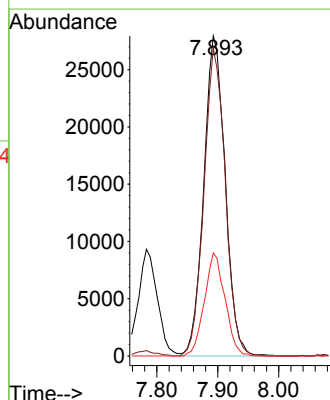
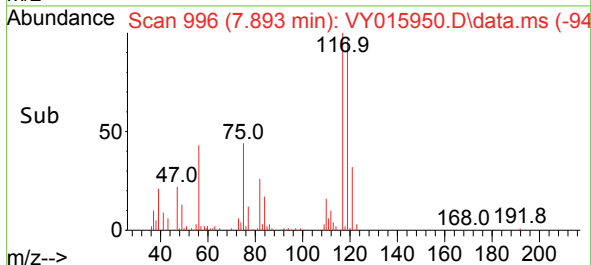
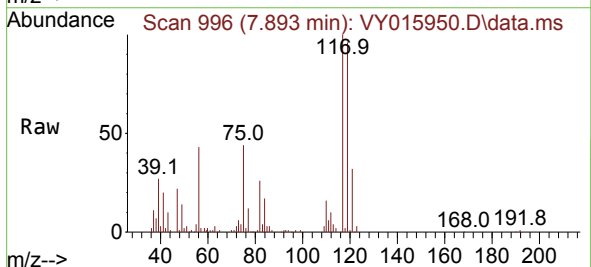


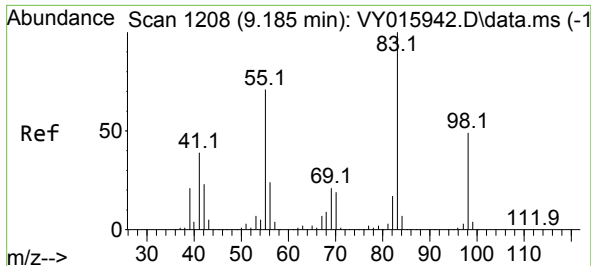
Tgt Ion: 43 Resp: 73462
Ion Ratio Lower Upper
43 100
61 12.3 10.1 15.1
70 10.2 7.1 10.7



#38
Carbon Tetrachloride
Concen: 20.263 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.012 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 117 Resp: 68344
Ion Ratio Lower Upper
117 100
119 96.2 76.4 114.6
121 32.2 25.8 38.6





#39

Methylcyclohexane

Concen: 19.787 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

ClientSampleId :

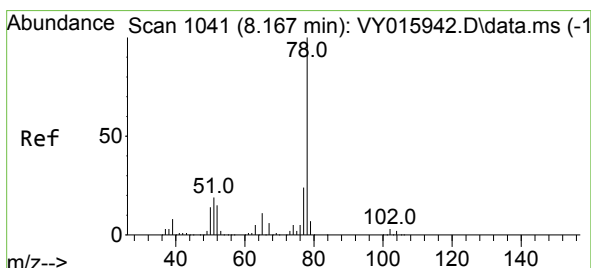
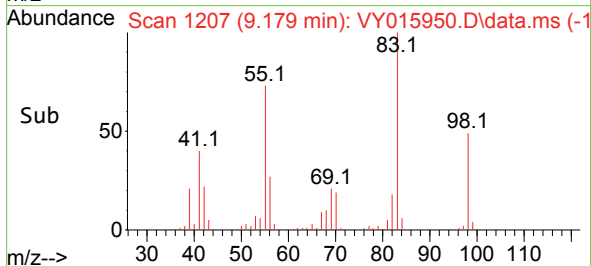
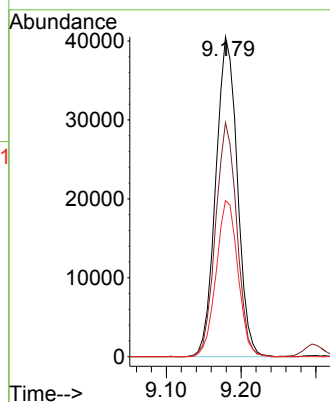
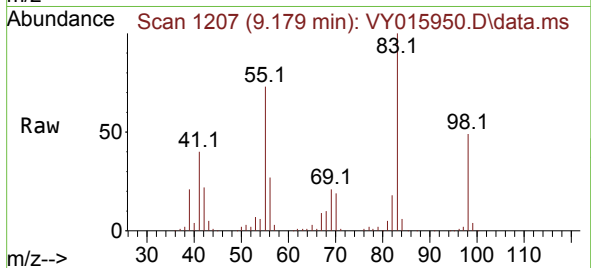
Tgt Ion: 83 Resp: 81308

Ion Ratio Lower Upper

83 100

55 73.2 63.0 94.4

98 48.8 37.4 56.2



#40

Benzene

Concen: 20.286 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.012 min

Lab File: VY015950.D

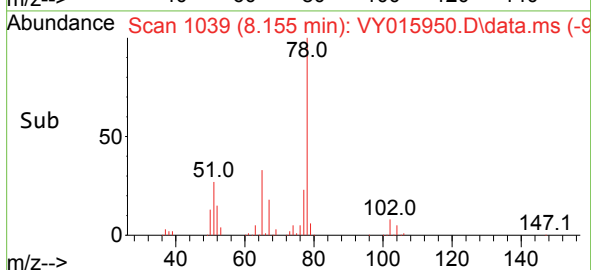
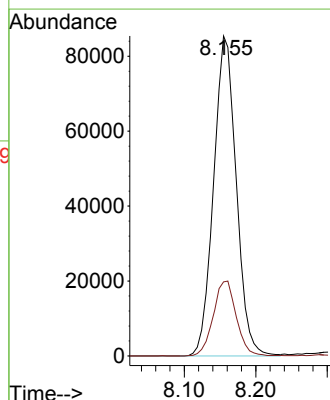
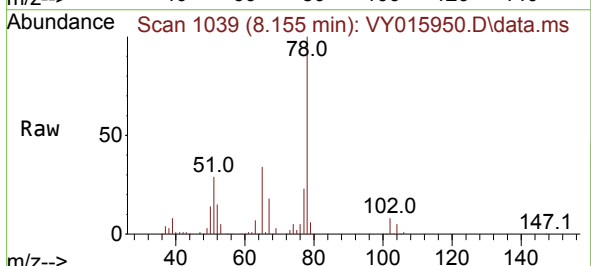
Acq: 13 Oct 2023 11:49

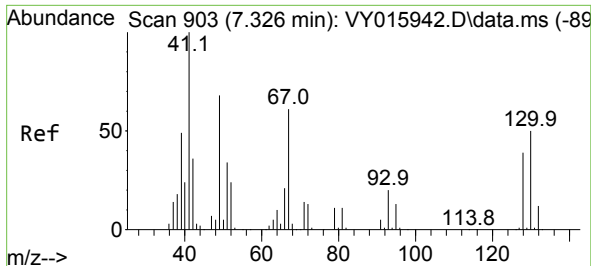
Tgt Ion: 78 Resp: 187986

Ion Ratio Lower Upper

78 100

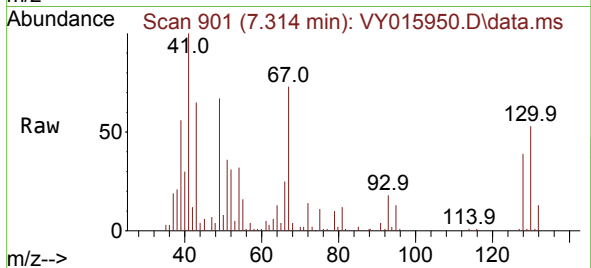
77 23.2 19.0 28.6



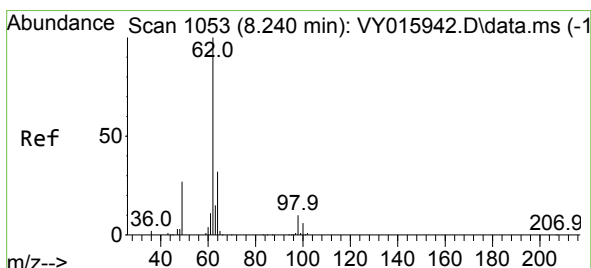
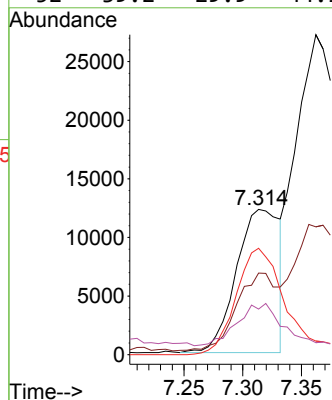
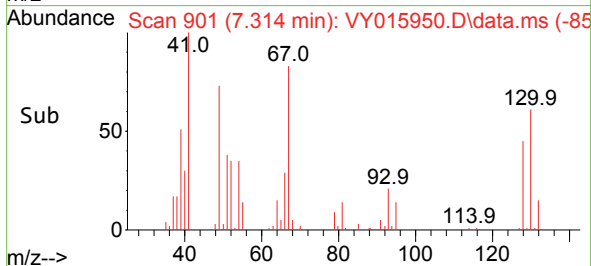


#41
Methacrylonitrile
Concen: 19.214 ug/l
RT: 7.314 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Instrument :
MSVOA_Y
ClientSampleId :

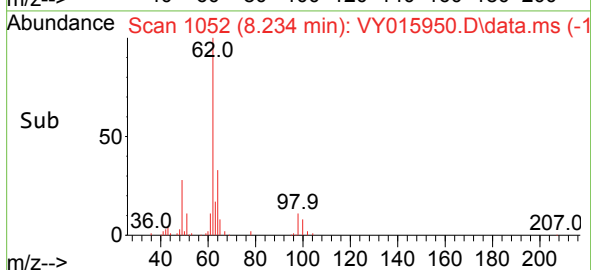
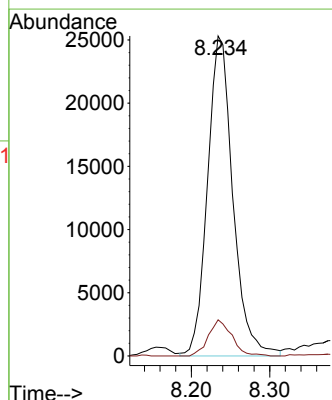
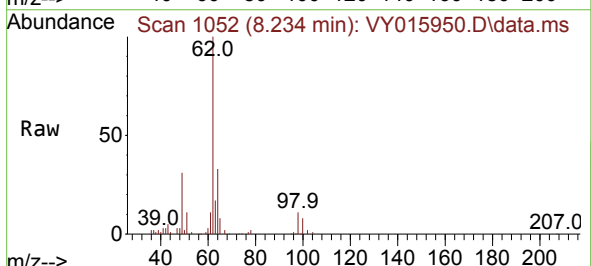


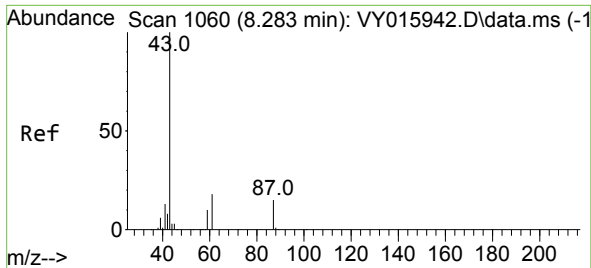
Tgt Ion: 41 Resp: 31306
Ion Ratio Lower Upper
41 100
39 51.9 52.1 78.1#
67 89.1 66.2 99.2
52 39.2 29.9 44.9



#42
1,2-Dichloroethane
Concen: 19.165 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 62 Resp: 56985
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8

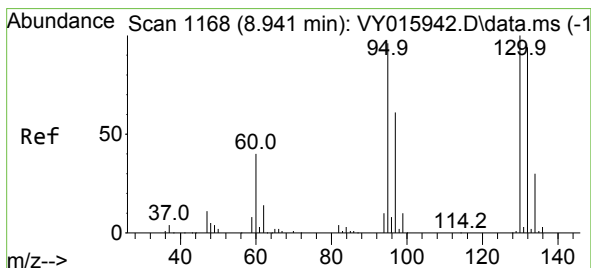
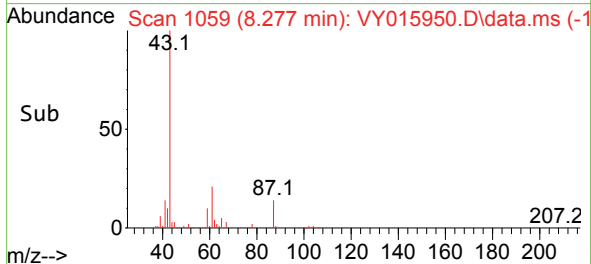
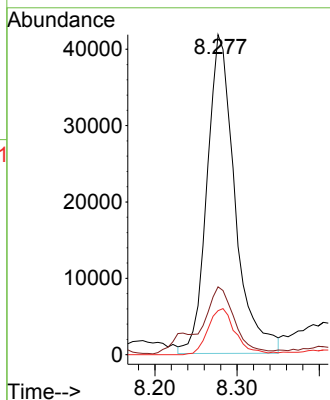
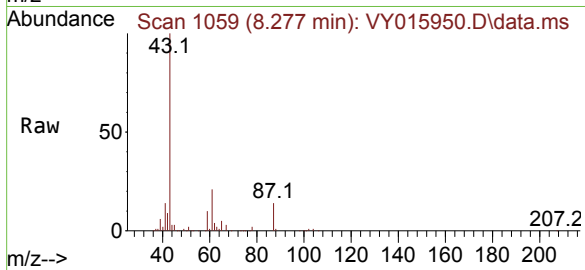




#43
Isopropyl Acetate
Concen: 18.551 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

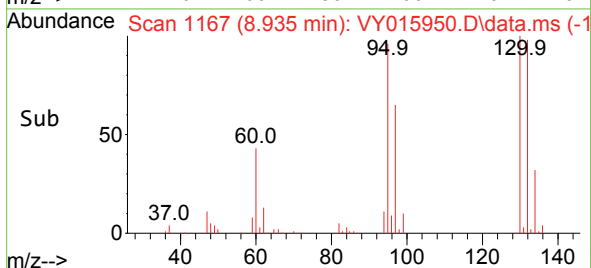
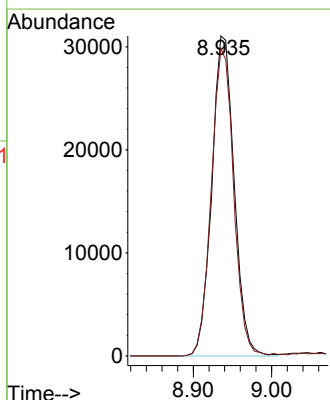
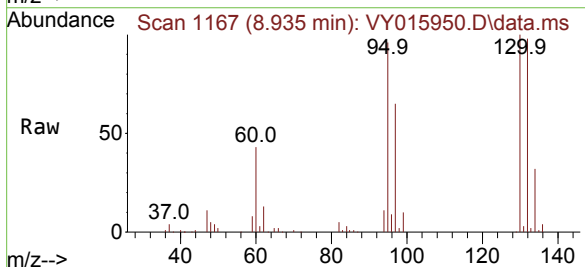
Instrument :
MSVOA_Y
ClientSampleId :

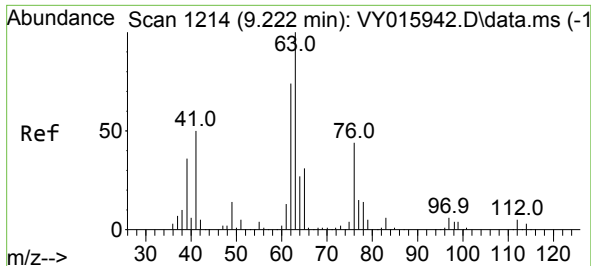
Tgt Ion: 43 Resp: 98484
Ion Ratio Lower Upper
43 100
61 21.7 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 21.602 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 130 Resp: 61688
Ion Ratio Lower Upper
130 100
95 96.1 0.0 196.0

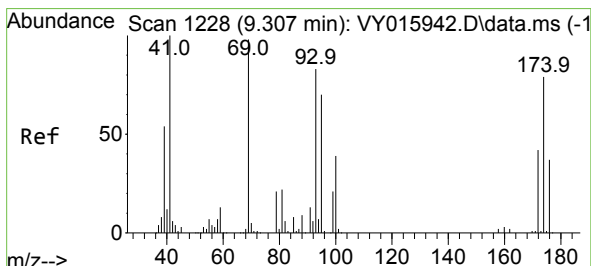
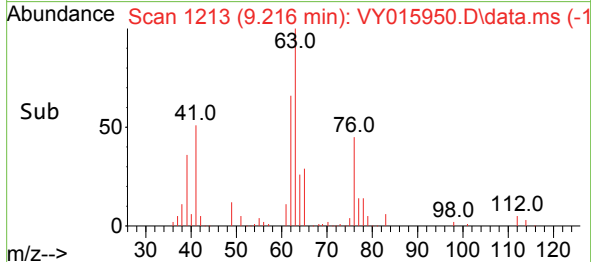
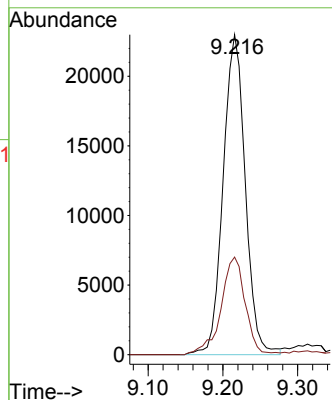
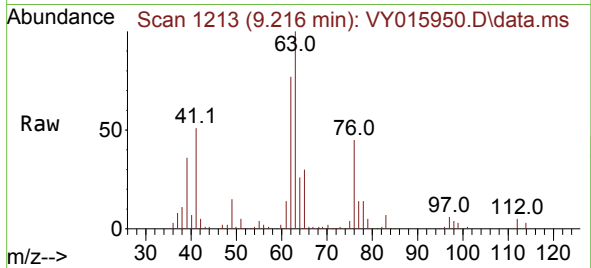




#45
1,2-Dichloropropane
Concen: 20.022 ug/l
RT: 9.216 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

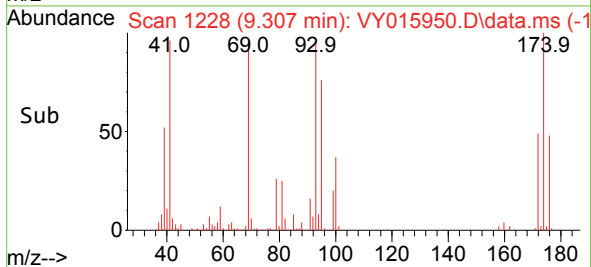
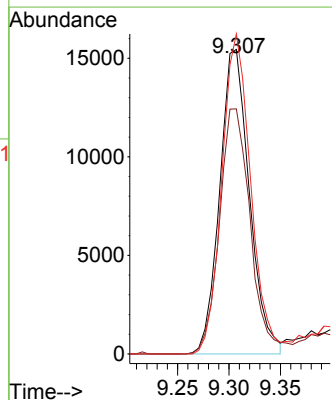
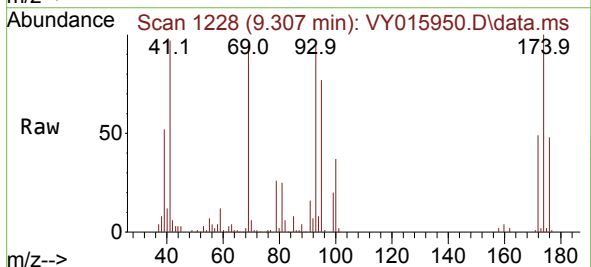
Instrument :
MSVOA_Y
ClientSampleId :

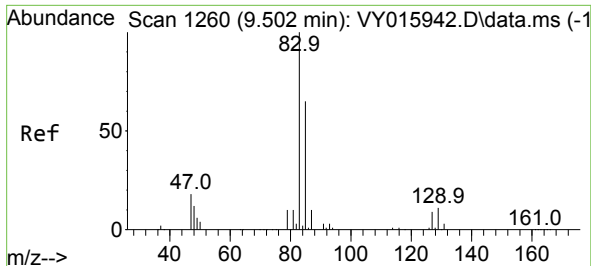
Tgt Ion: 63 Resp: 47345
Ion Ratio Lower Upper
63 100
65 30.5 23.8 35.6



#46
Dibromomethane
Concen: 18.684 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 93 Resp: 31054
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 103.4 84.8 127.2

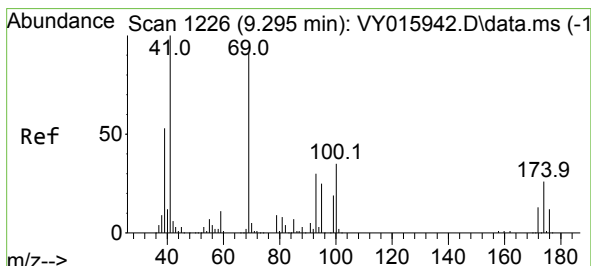
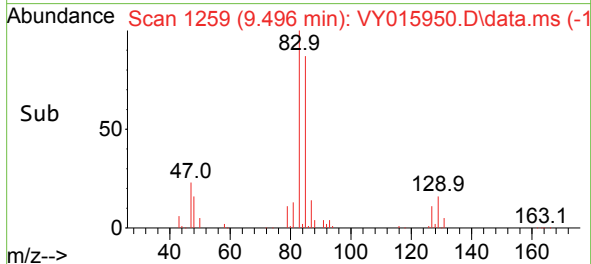
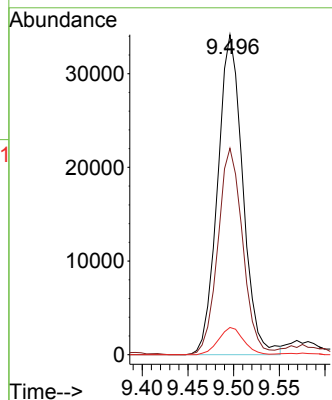
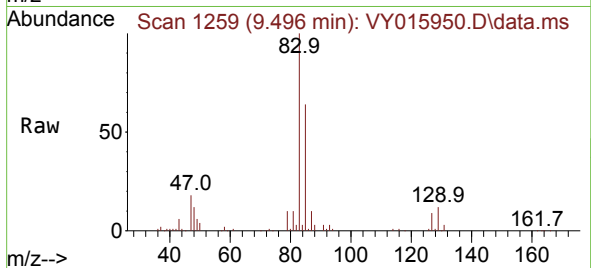




#47
Bromodichloromethane
Concen: 19.503 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

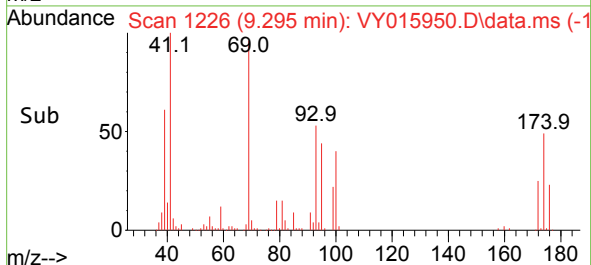
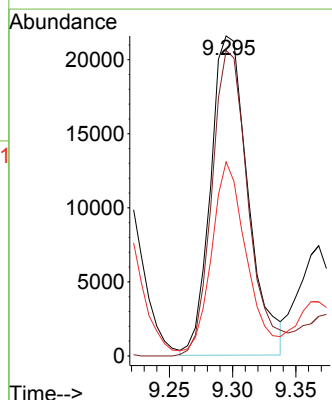
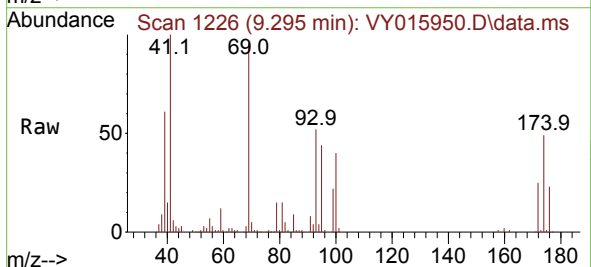
Instrument :
MSVOA_Y
ClientSampleId :

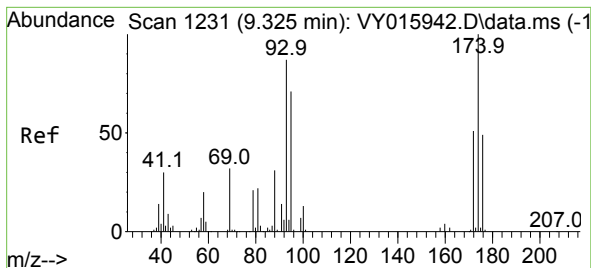
Tgt Ion: 83 Resp: 65457
Ion Ratio Lower Upper
83 100
85 64.5 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 18.994 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 41 Resp: 44541
Ion Ratio Lower Upper
41 100
69 93.4 64.5 96.7
39 53.8 50.8 76.2





#49

1,4-Dioxane

Concen: 643.552 ug/l

RT: 9.356 min Scan# 1

Delta R.T. 0.031 min

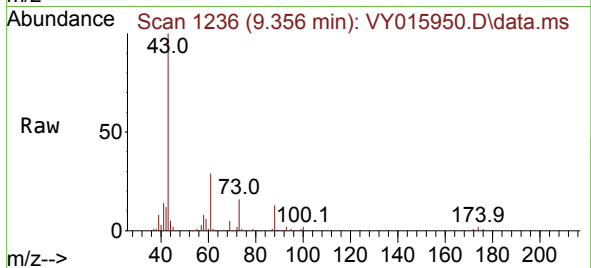
Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

ClientSampleId :



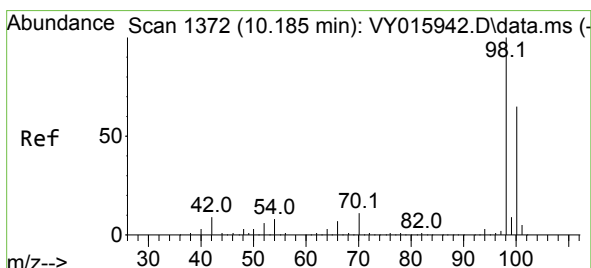
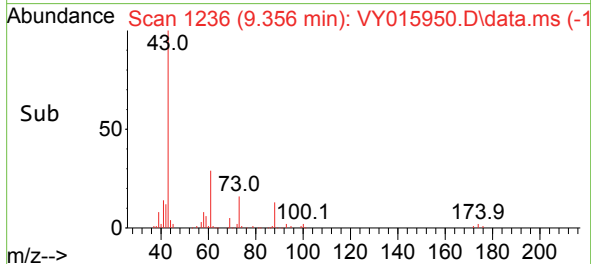
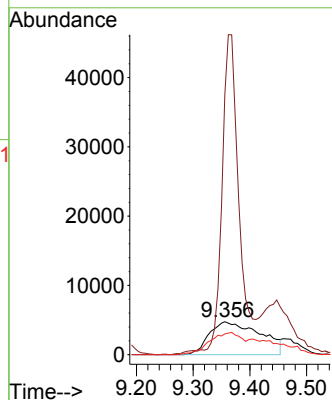
Tgt Ion: 88 Resp: 29830

Ion Ratio Lower Upper

88 100

43 325.2 0.0 0.0#

58 42.4 30.9 46.3



#50

Toluene-d8

Concen: 50.287 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.006 min

Lab File: VY015950.D

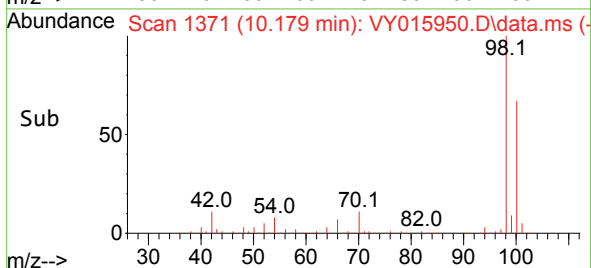
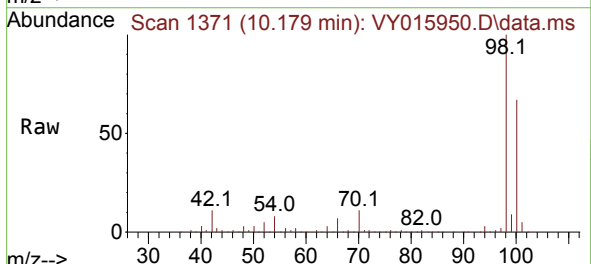
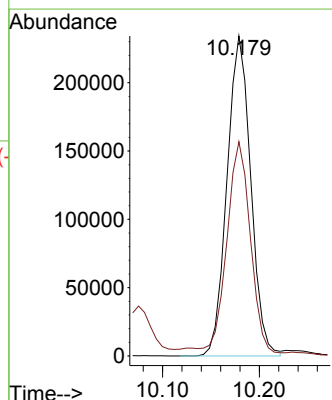
Acq: 13 Oct 2023 11:49

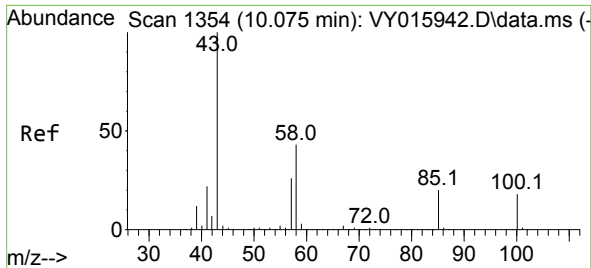
Tgt Ion: 98 Resp: 399733

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

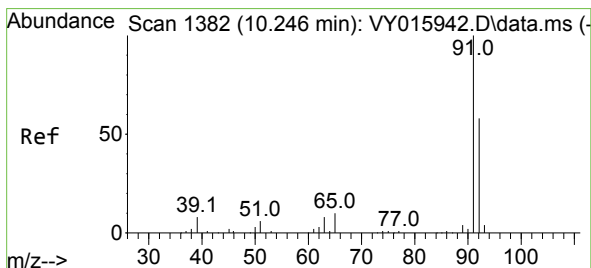
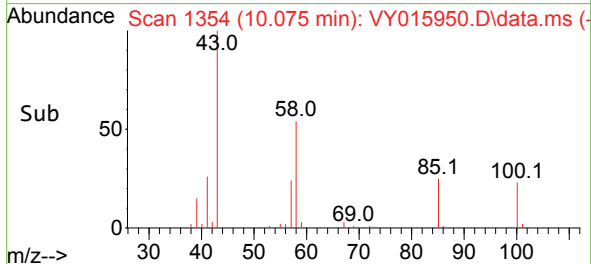
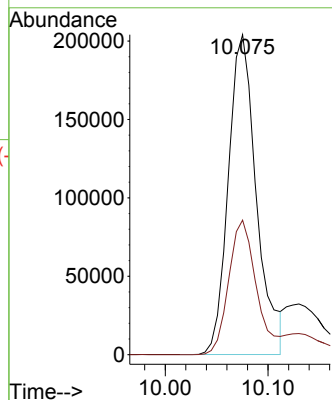
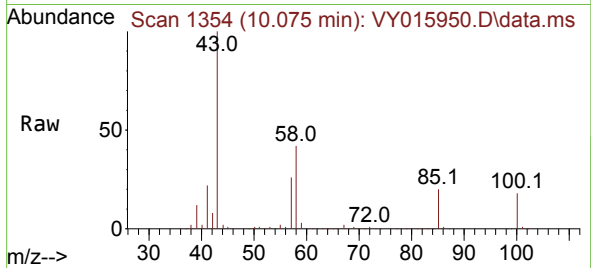




#51
4-Methyl-2-Pentanone
Concen: 99.277 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

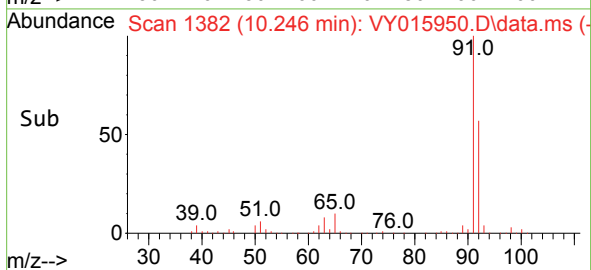
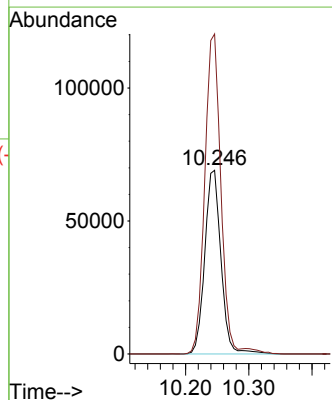
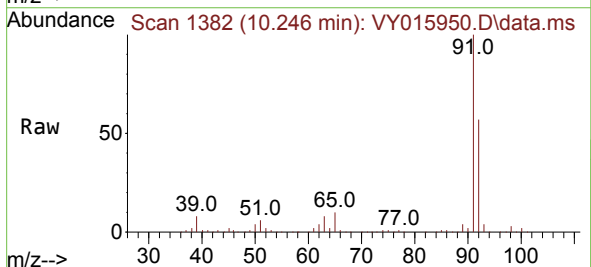
Instrument :
MSVOA_Y
ClientSampleId :

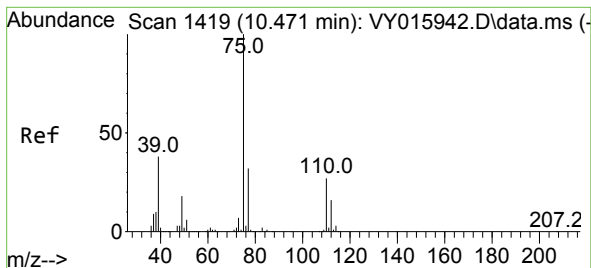
Tgt Ion: 43 Resp: 388421
Ion Ratio Lower Upper
43 100
58 41.8 29.0 43.6



#52
Toluene
Concen: 20.782 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 92 Resp: 123128
Ion Ratio Lower Upper
92 100
91 171.4 143.8 215.6

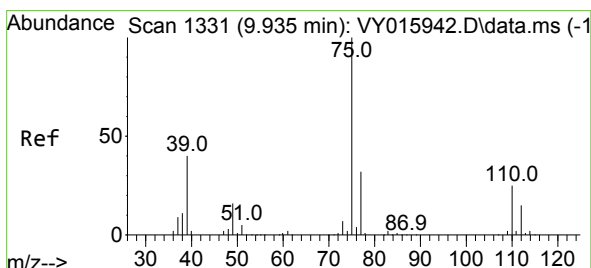
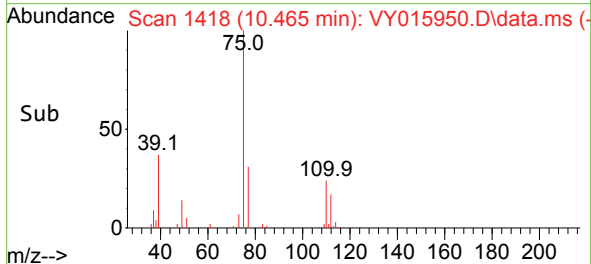
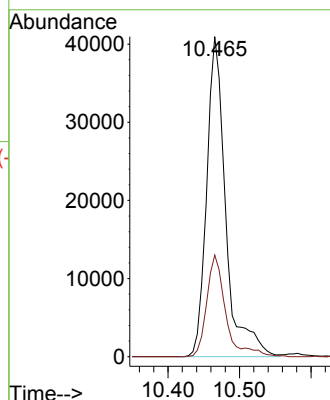
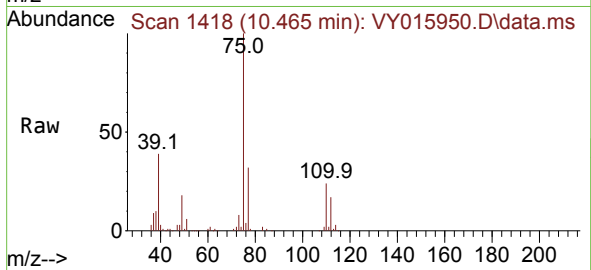




#53
 t-1,3-Dichloropropene
 Concen: 20.171 ug/l
 RT: 10.465 min Scan# 1419
 Delta R.T. -0.006 min
 Lab File: VY015950.D
 Acq: 13 Oct 2023 11:49

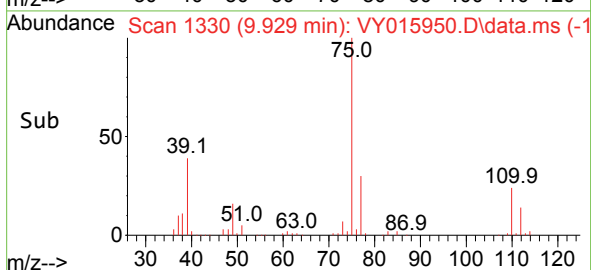
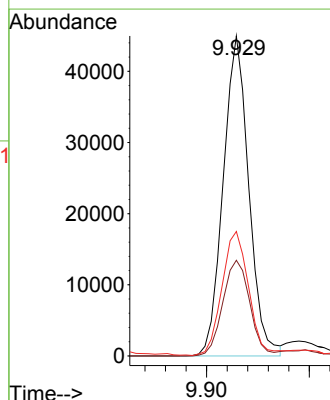
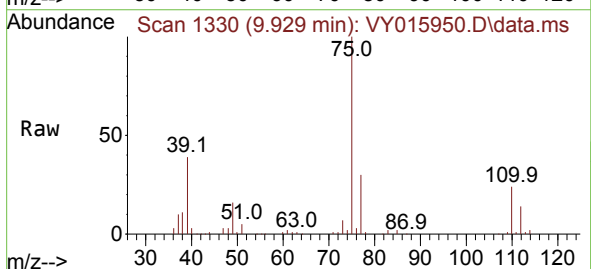
Instrument :
 MSVOA_Y
 ClientSampleId :

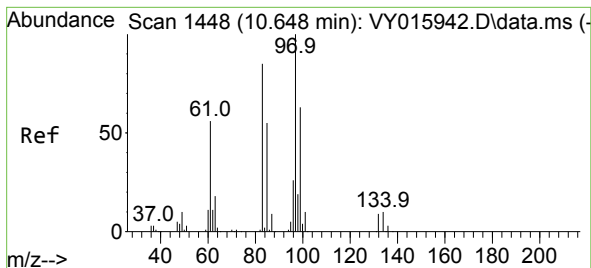
Tgt Ion: 75 Resp: 75907
 Ion Ratio Lower Upper
 75 100
 77 31.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.194 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.006 min
 Lab File: VY015950.D
 Acq: 13 Oct 2023 11:49

Tgt Ion: 75 Resp: 77647
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.2 36.4
 39 38.6 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 21.402 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 50645

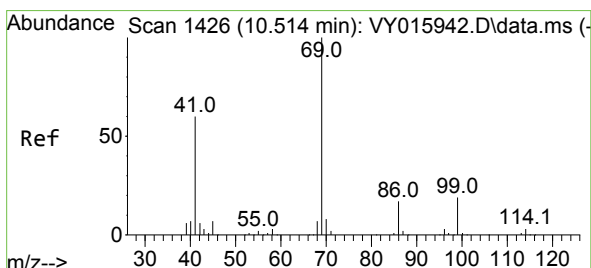
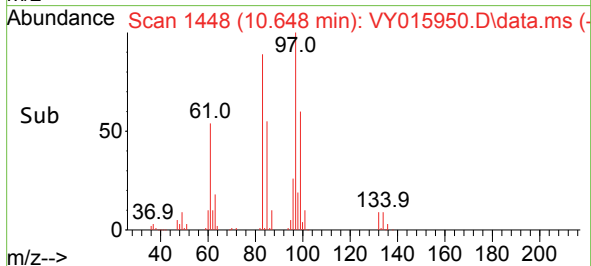
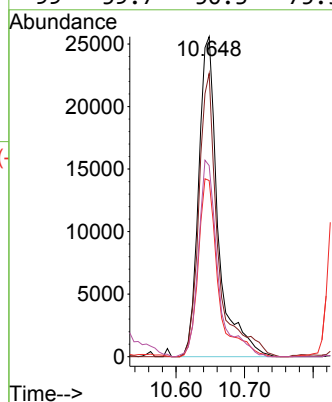
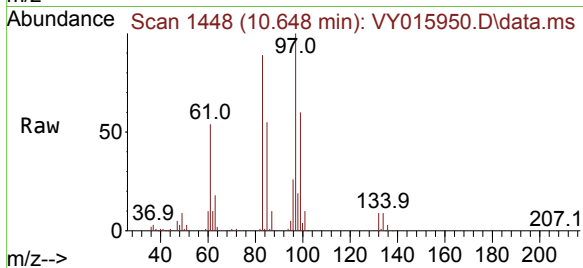
Ion Ratio Lower Upper

97 100

83 88.5 72.0 108.0

85 55.0 45.4 68.0

99 59.7 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.923 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

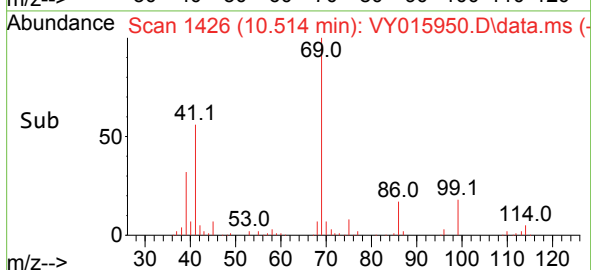
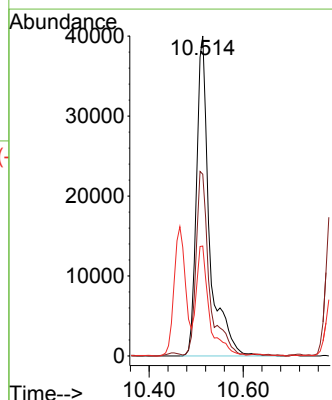
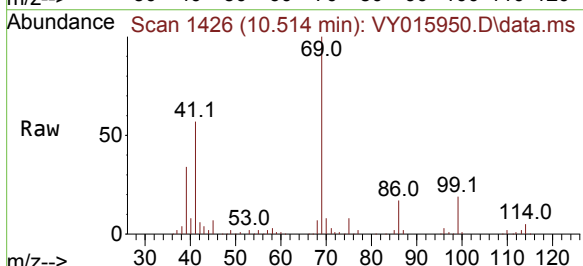
Tgt Ion: 69 Resp: 77511

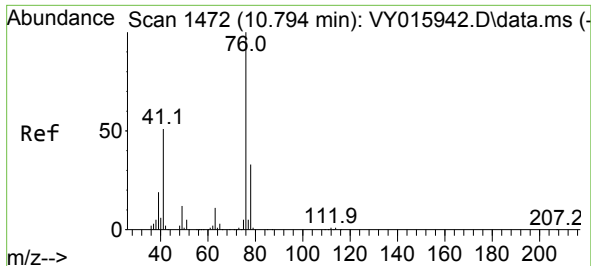
Ion Ratio Lower Upper

69 100

41 59.1 57.6 86.4

39 34.8 34.1 51.1





#57

1,3-Dichloropropane

Concen: 21.033 ug/l

RT: 10.788 min Scan# 1472

Delta R.T. -0.006 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

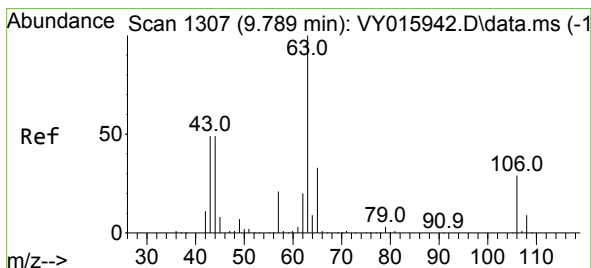
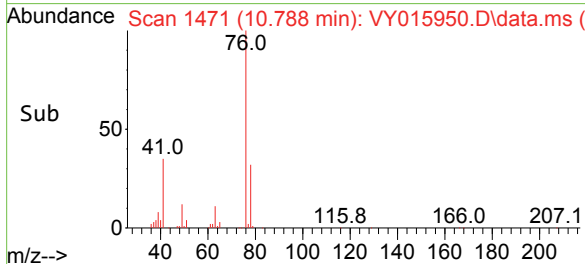
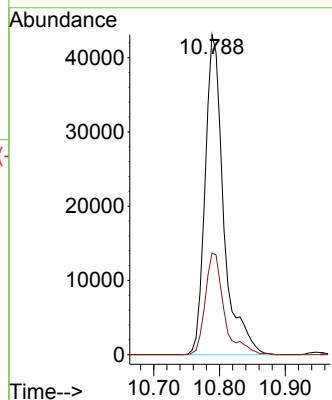
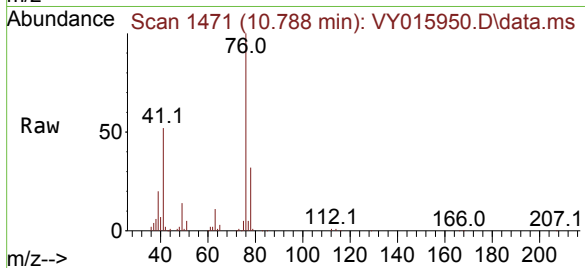
ClientSampleId :

Tgt Ion: 76 Resp: 84438

Ion Ratio Lower Upper

76 100

78 32.4 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 107.470 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. -0.006 min

Lab File: VY015950.D

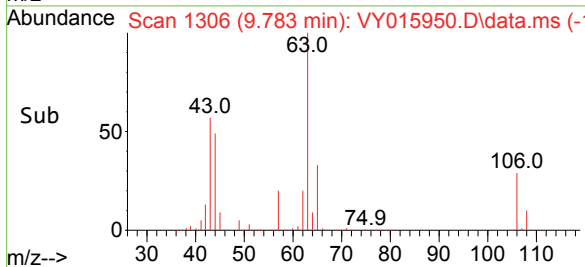
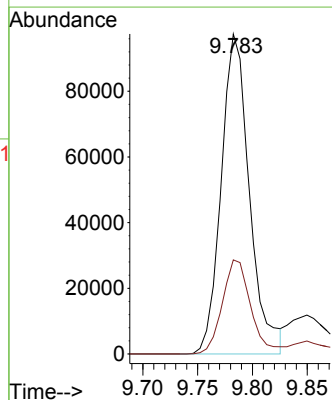
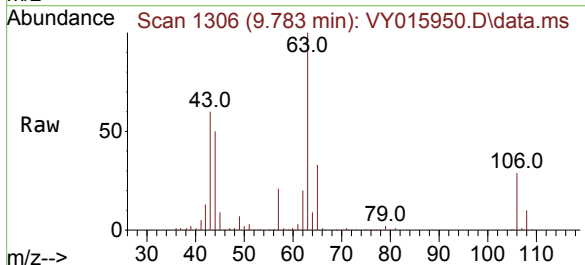
Acq: 13 Oct 2023 11:49

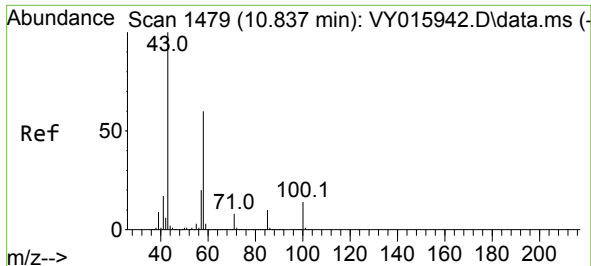
Tgt Ion: 63 Resp: 174706

Ion Ratio Lower Upper

63 100

106 30.0 21.2 31.8

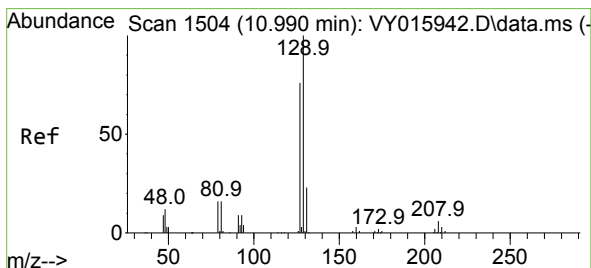
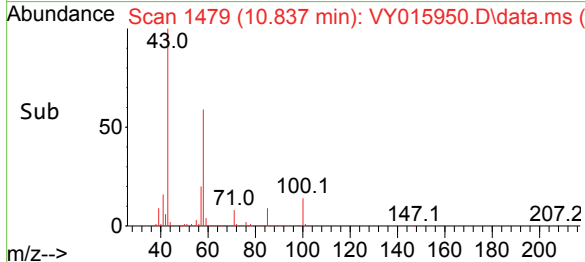
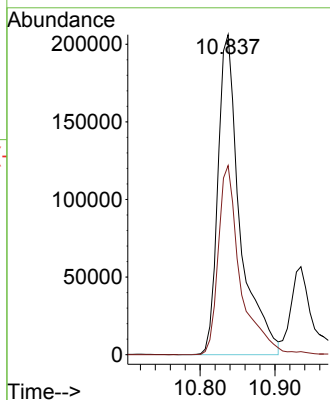
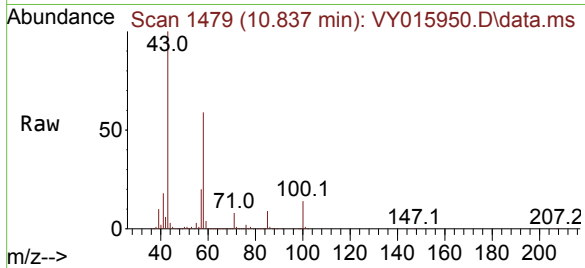




#59
2-Hexanone
Concen: 126.692 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

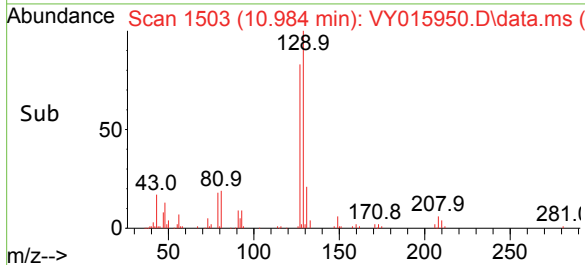
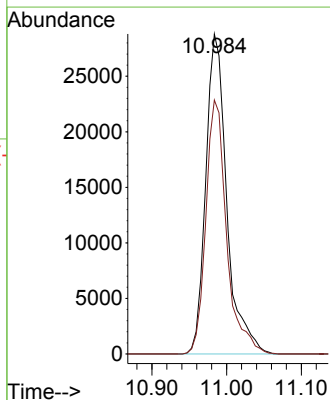
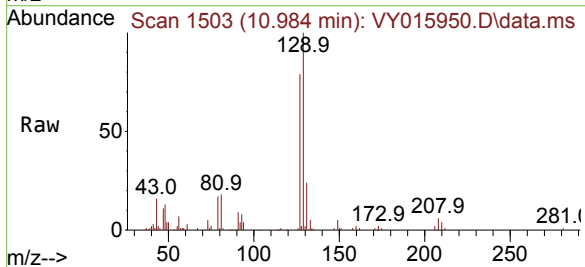
Instrument :
MSVOA_Y
ClientSampleId :

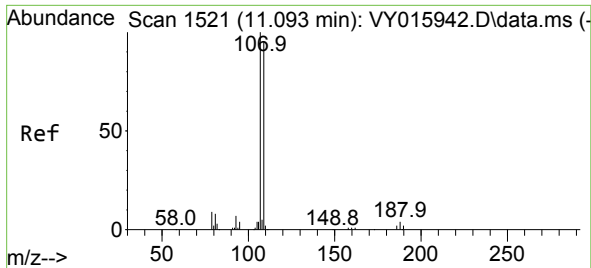
Tgt Ion: 43 Resp: 423119
Ion Ratio Lower Upper
43 100
58 59.8 25.1 75.3



#60
Dibromochloromethane
Concen: 20.919 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 129 Resp: 56294
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.5

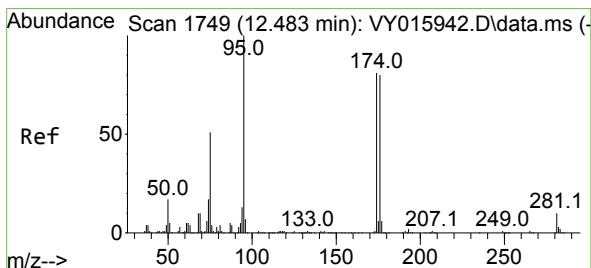
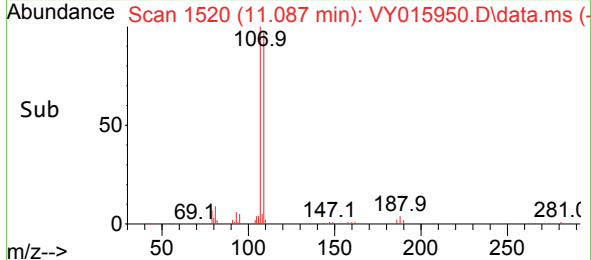
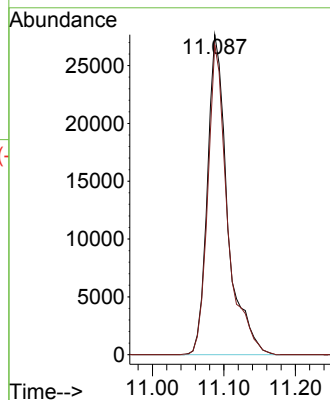
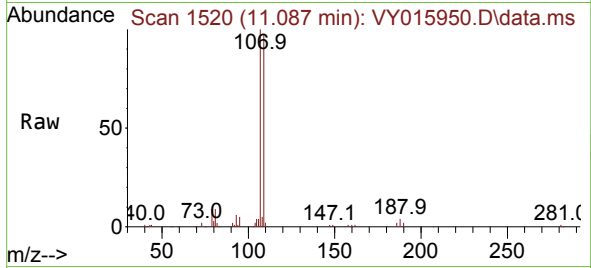




#61
1,2-Dibromoethane
Concen: 21.141 ug/l
RT: 11.087 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

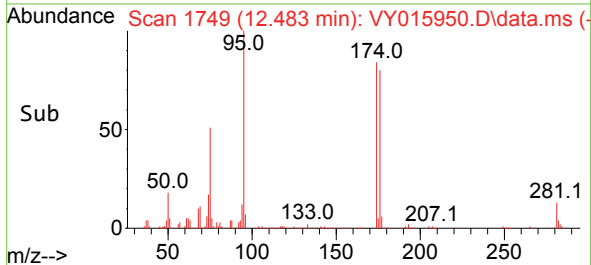
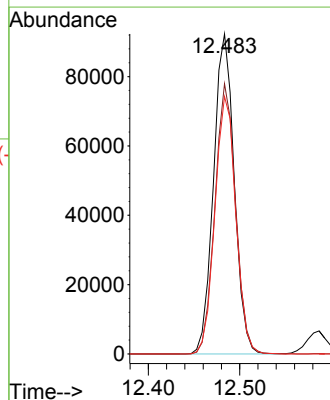
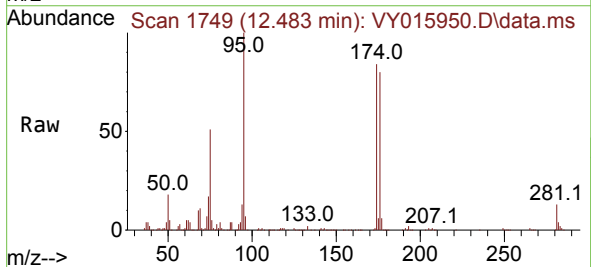
Instrument :
MSVOA_Y
ClientSampleId :

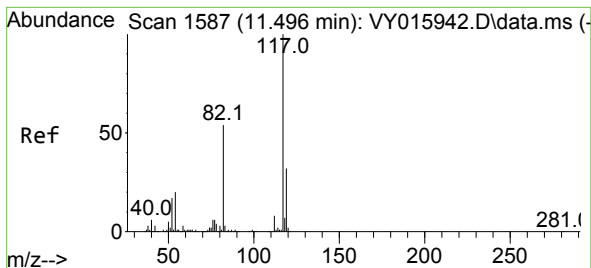
Tgt Ion:107 Resp: 54133
Ion Ratio Lower Upper
107 100
109 94.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.177 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 95 Resp: 144855
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.006 min

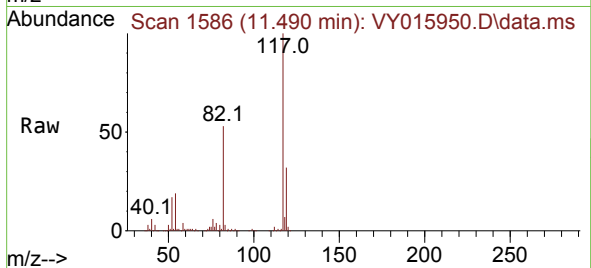
Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

ClientSampleId :



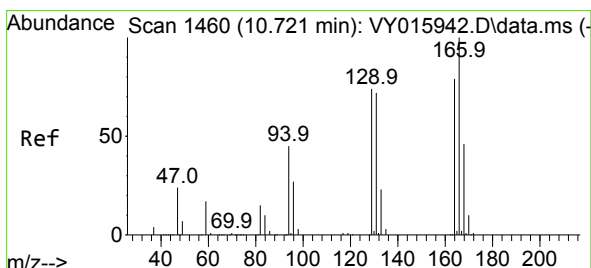
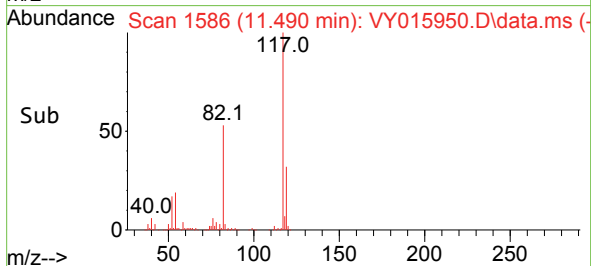
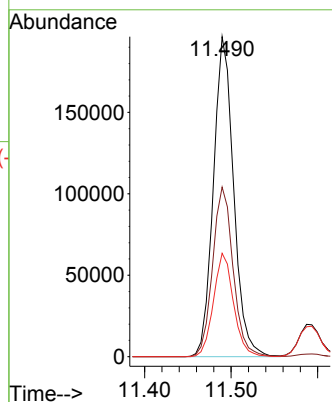
Tgt Ion:117 Resp: 319436

Ion Ratio Lower Upper

117 100

82 53.0 43.4 65.0

119 32.3 26.3 39.5



#64

Tetrachloroethene

Concen: 21.926 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Tgt Ion:164 Resp: 61055

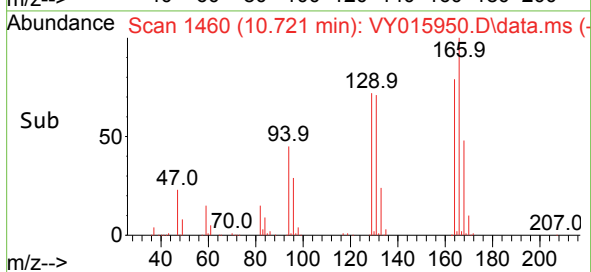
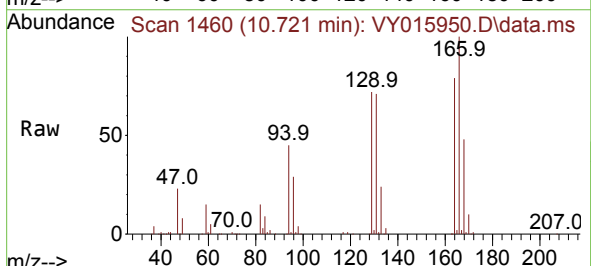
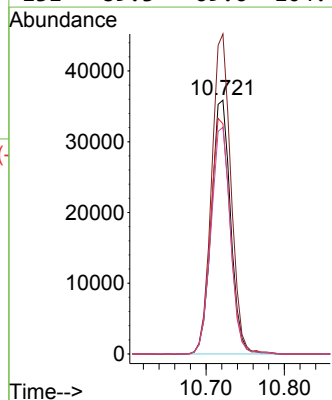
Ion Ratio Lower Upper

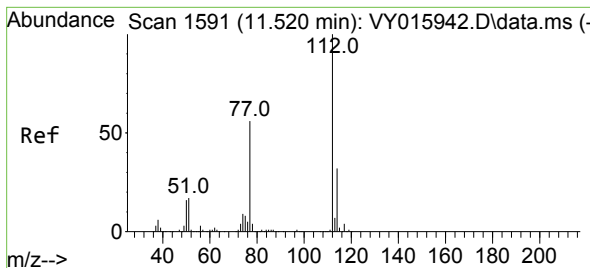
164 100

166 126.1 103.0 154.6

129 90.6 77.2 115.8

131 89.3 69.6 104.4





#65

Chlorobenzene

Concen: 20.366 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.006 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

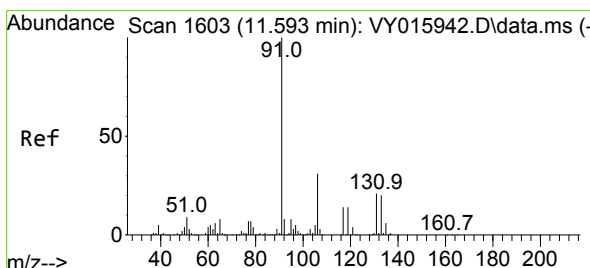
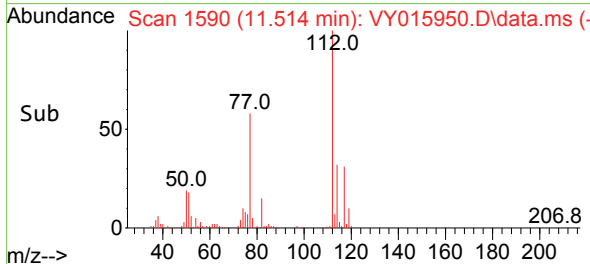
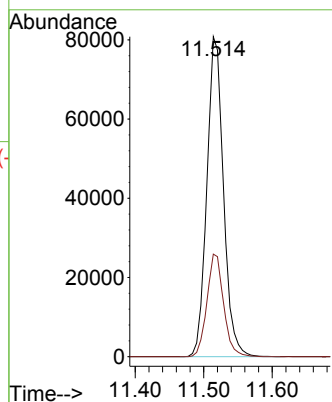
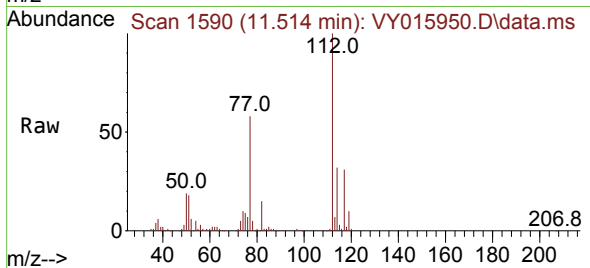
ClientSampleId :

Tgt Ion:112 Resp: 136310

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.565 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

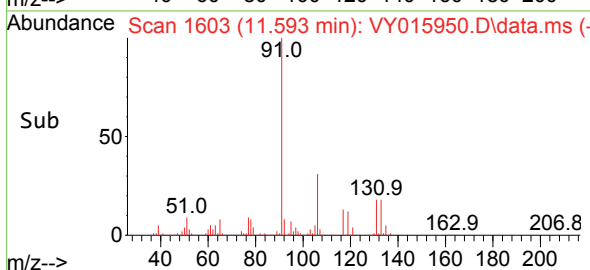
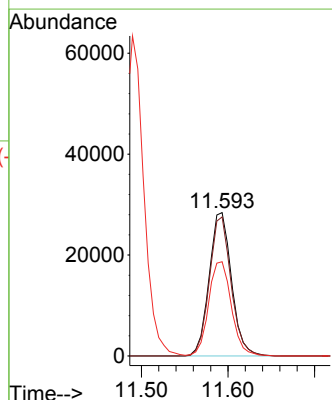
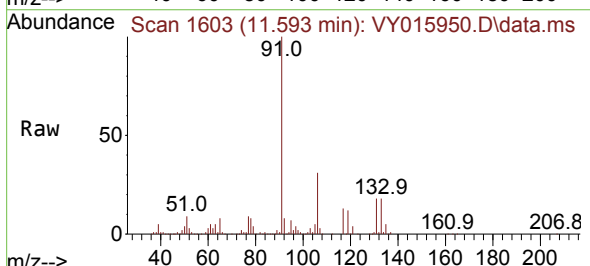
Tgt Ion:131 Resp: 50953

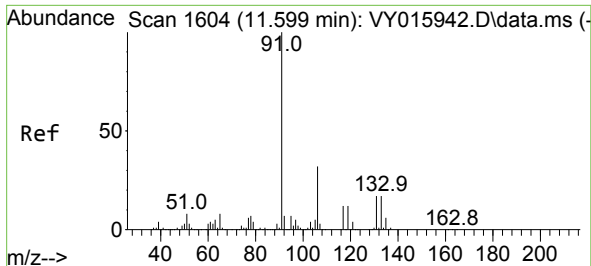
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.6

119 66.8 31.6 94.7

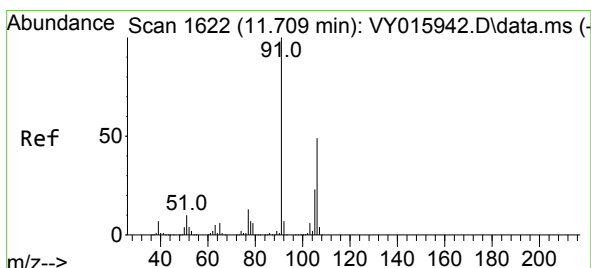
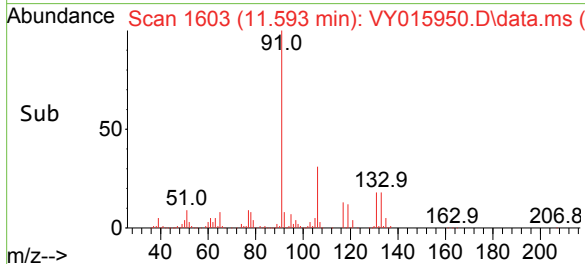
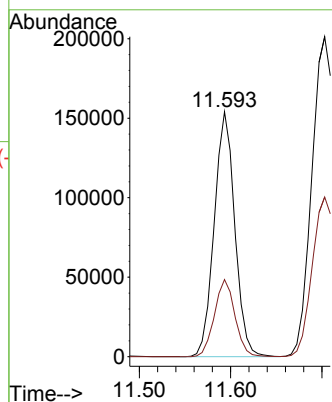
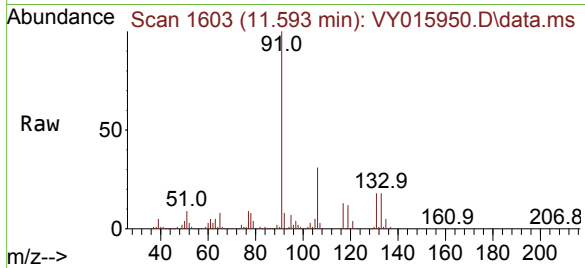




#67
Ethyl Benzene
Concen: 20.548 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

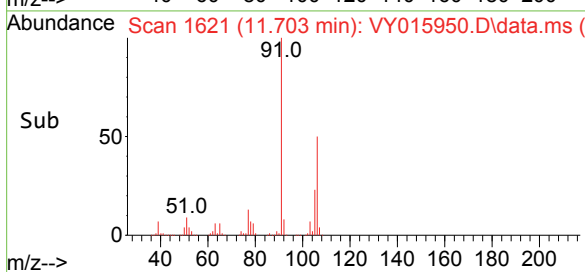
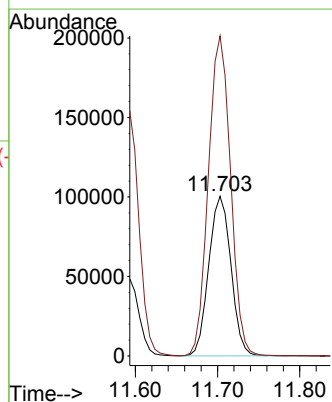
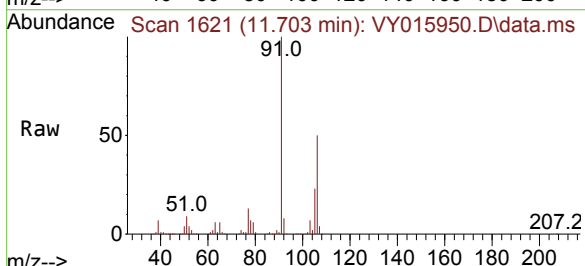
Instrument :
MSVOA_Y
ClientSampleId :

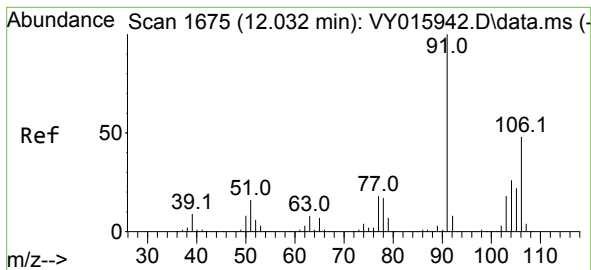
Tgt Ion: 91 Resp: 240470
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 41.682 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion:106 Resp: 188255
Ion Ratio Lower Upper
106 100
91 200.4 166.1 249.1





#69

o-Xylene

Concen: 20.702 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

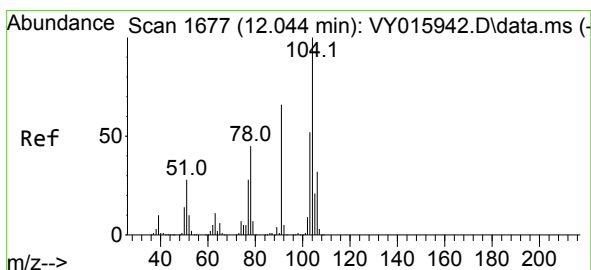
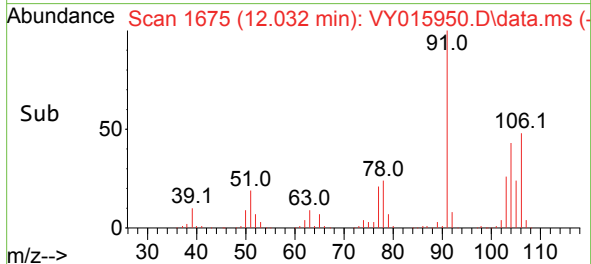
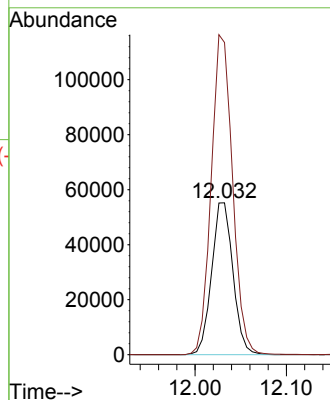
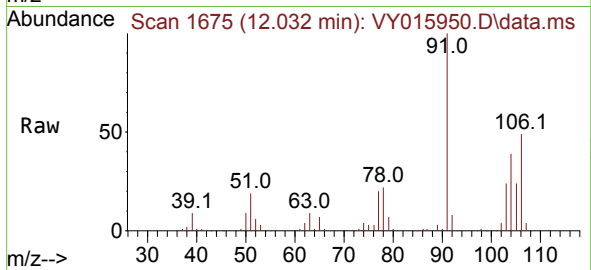
ClientSampleId :

Tgt Ion:106 Resp: 89392

Ion Ratio Lower Upper

106 100

91 211.3 108.1 324.3



#70

Styrene

Concen: 20.819 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

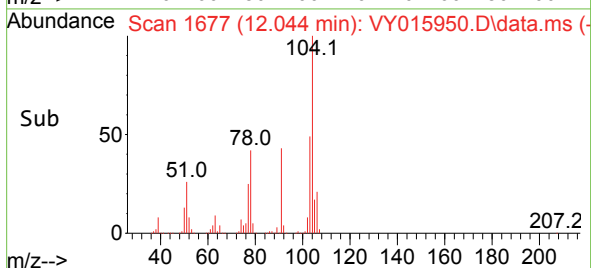
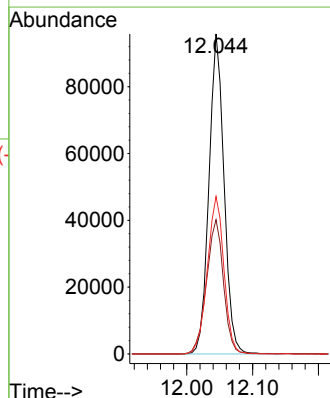
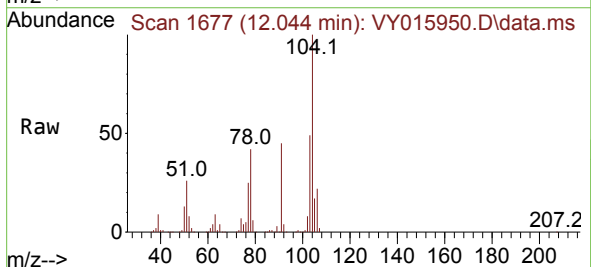
Tgt Ion:104 Resp: 152990

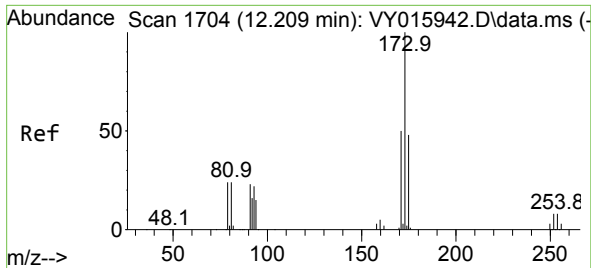
Ion Ratio Lower Upper

104 100

78 47.2 41.5 62.3

103 54.1 44.6 67.0

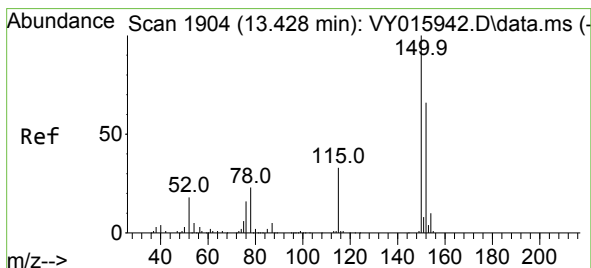
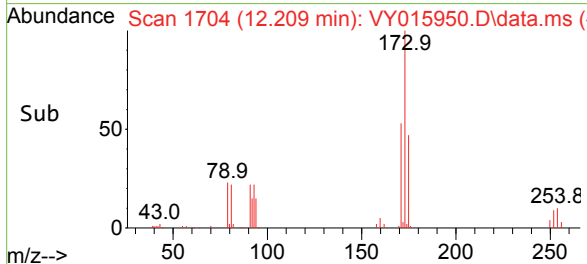
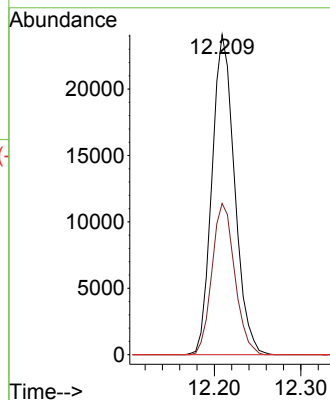
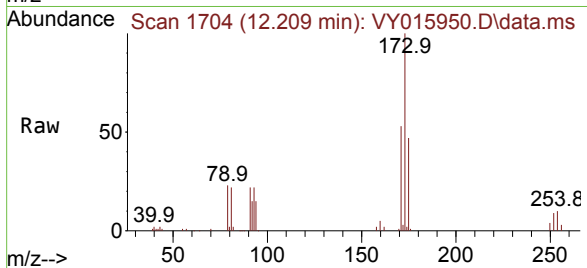




#71
Bromoform
Concen: 20.723 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

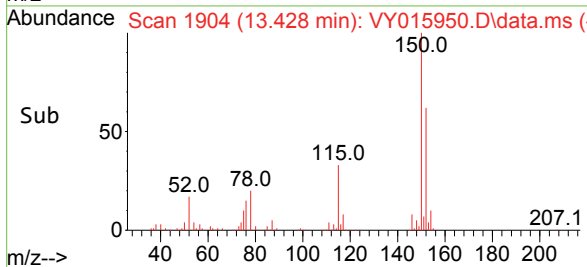
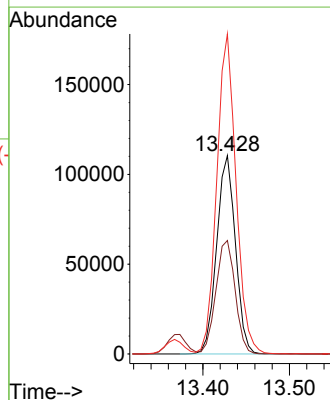
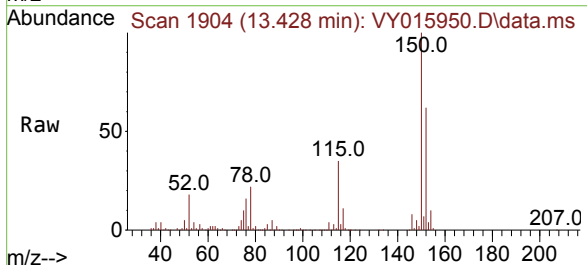
Instrument :
MSVOA_Y
ClientSampleId :

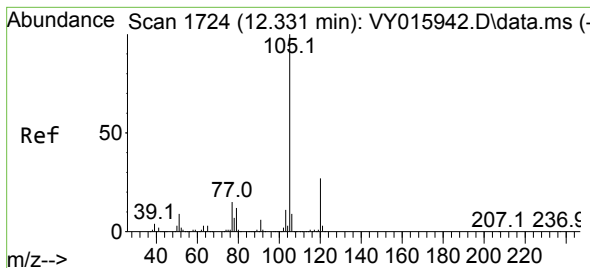
Tgt Ion:173 Resp: 43723
Ion Ratio Lower Upper
173 100
175 47.6 24.6 73.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion:152 Resp: 166439
Ion Ratio Lower Upper
152 100
115 58.6 28.8 86.5
150 165.2 0.0 348.8





#73

Isopropylbenzene

Concen: 19.948 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

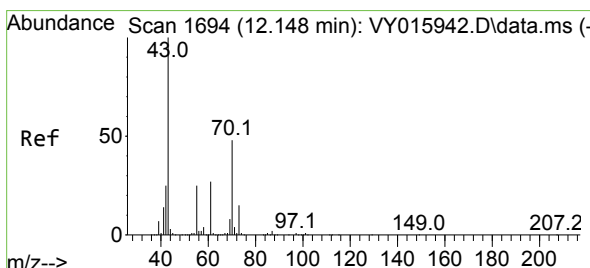
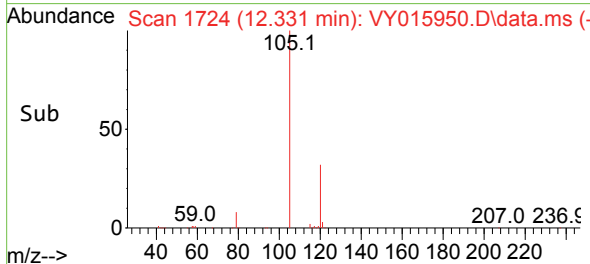
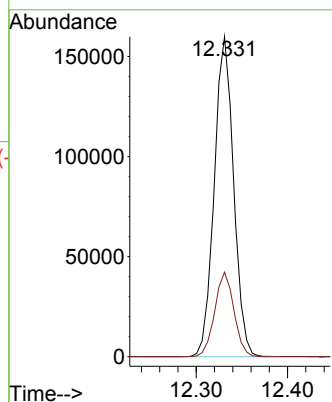
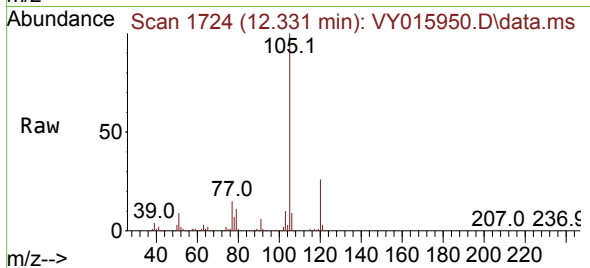
ClientSampleId :

Tgt Ion:105 Resp: 235031

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 20.047 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Tgt Ion: 43 Resp: 95426

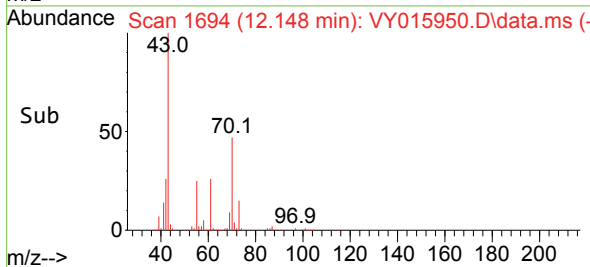
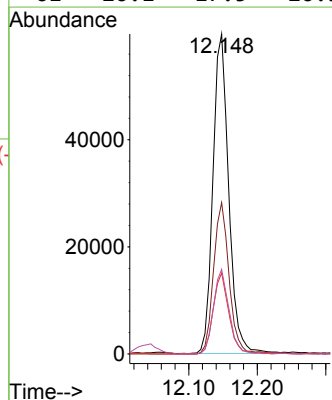
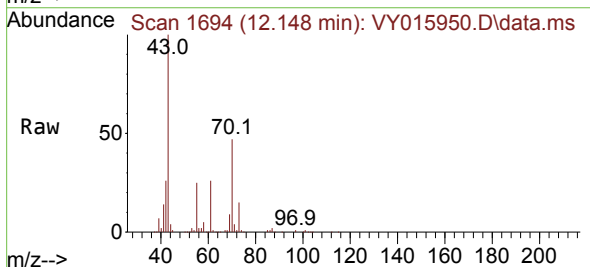
Ion Ratio Lower Upper

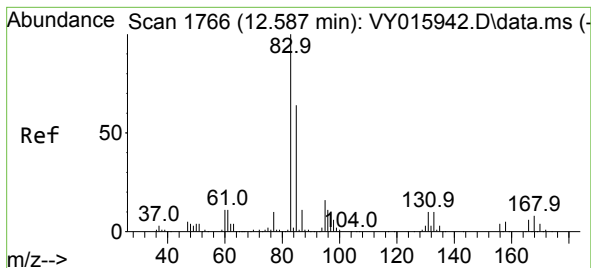
43 100

70 47.0 29.7 44.5#

55 25.4 18.3 27.5

61 26.1 17.5 26.3

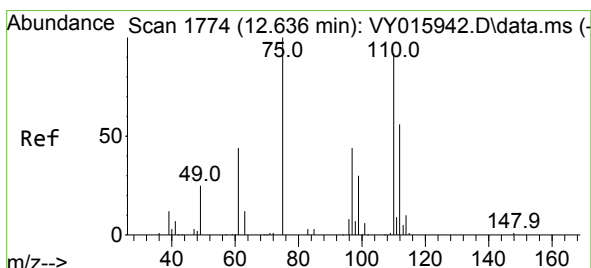
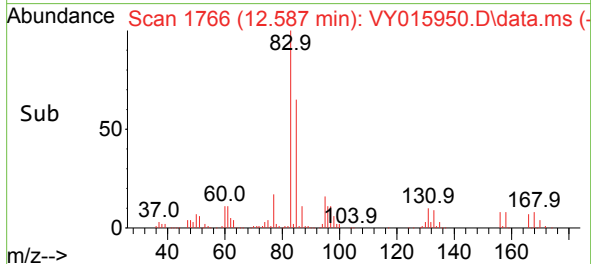
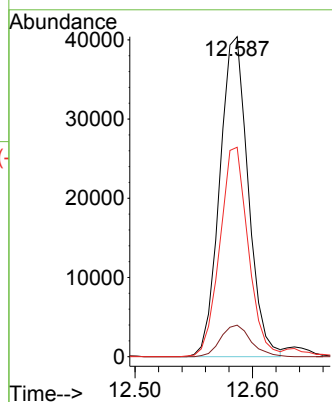
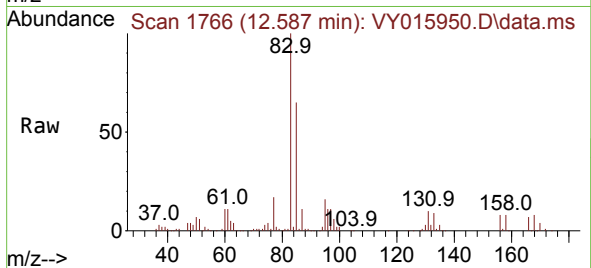




#75
1,1,2,2-Tetrachloroethane
Concen: 18.798 ug/l
RT: 12.587 min Scan# 1766
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

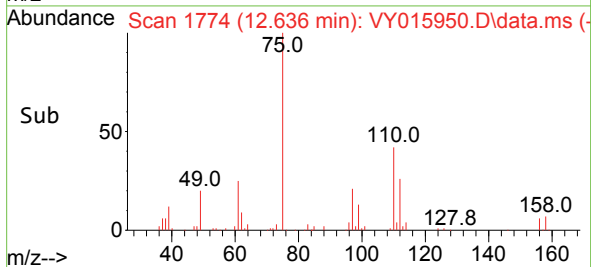
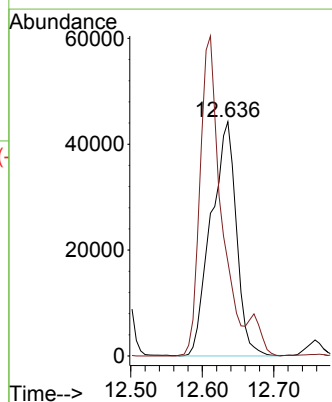
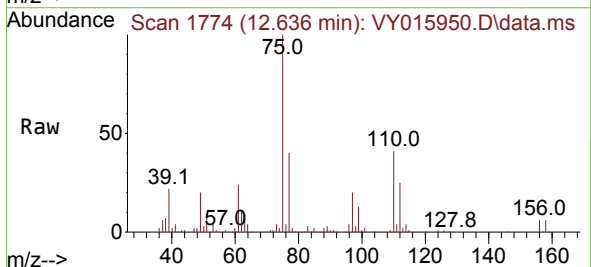
Instrument :
MSVOA_Y
ClientSampleId :

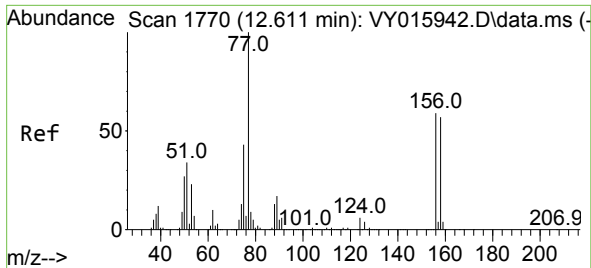
Tgt Ion: 83 Resp: 68031
Ion Ratio Lower Upper
83 100
131 10.5 5.4 16.2
85 65.4 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 33.411 ug/l
RT: 12.636 min Scan# 1774
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 75 Resp: 108827
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

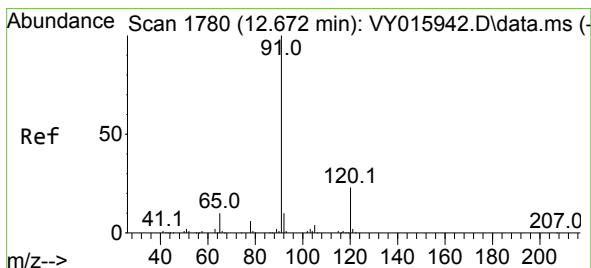
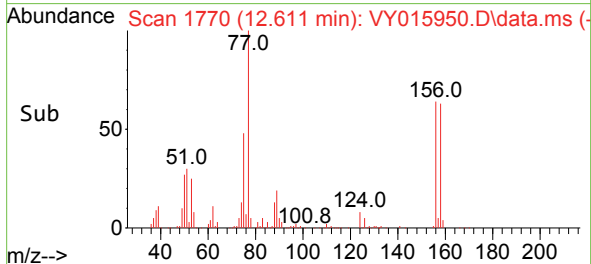
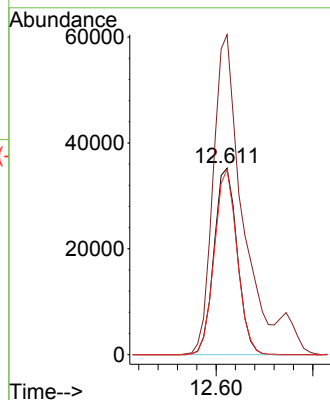
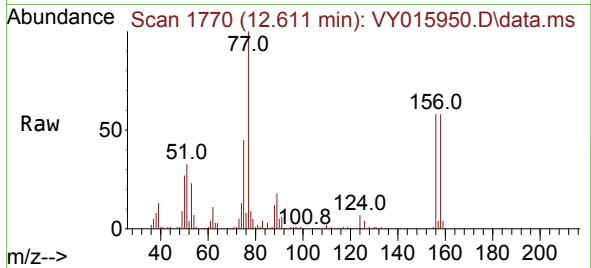




#77
Bromobenzene
Concen: 19.893 ug/l
RT: 12.611 min Scan# 1770
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

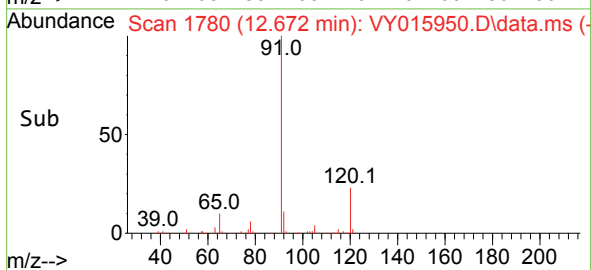
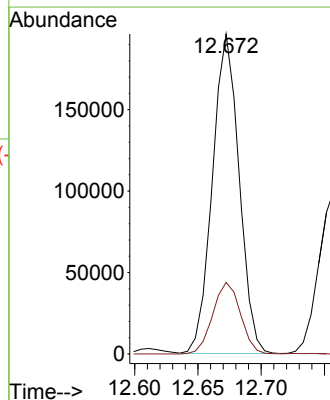
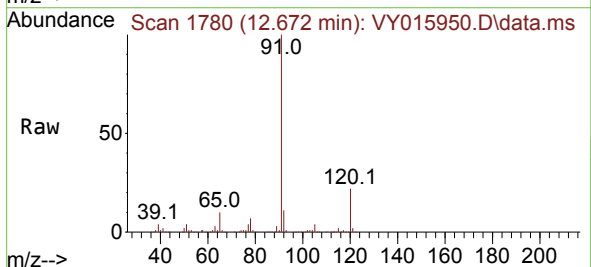
Instrument :
MSVOA_Y
ClientSampleId :

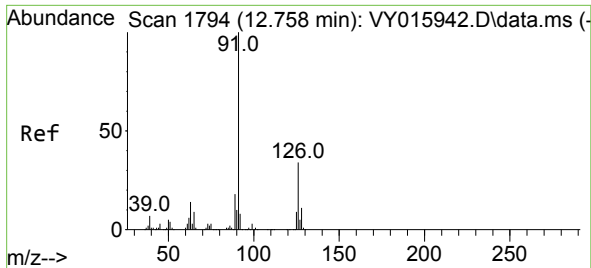
Tgt Ion	Ratio	Lower	Upper
156	100		
77	210.6	92.8	278.6
158	97.5	48.4	145.3



#78
n-propylbenzene
Concen: 20.042 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.2	11.5	34.4

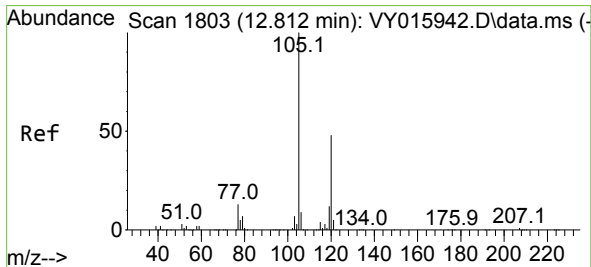
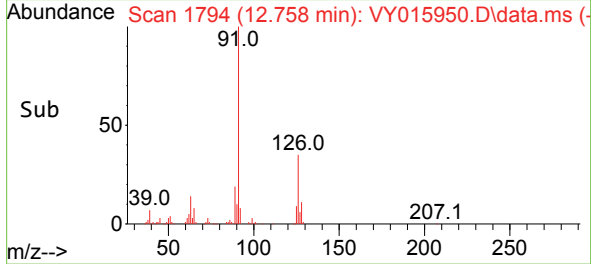
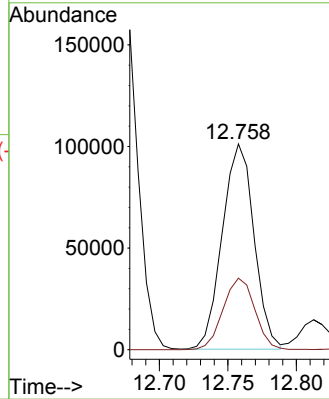
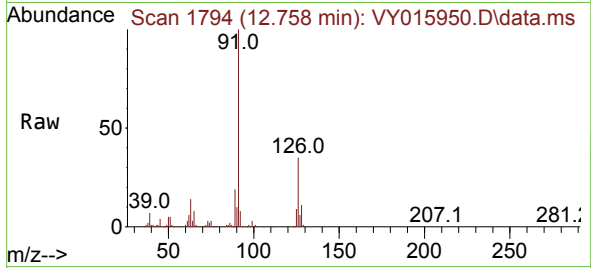




#79
2-Chlorotoluene
Concen: 20.124 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

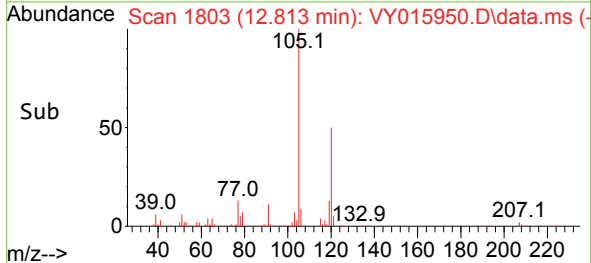
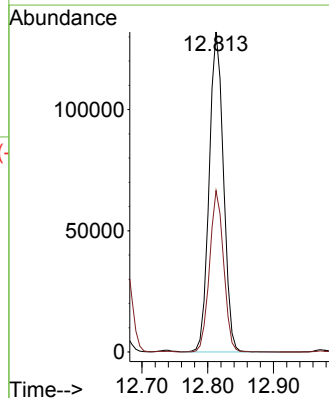
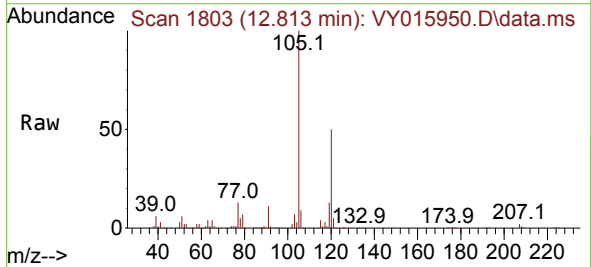
Instrument :
MSVOA_Y
ClientSampleId :

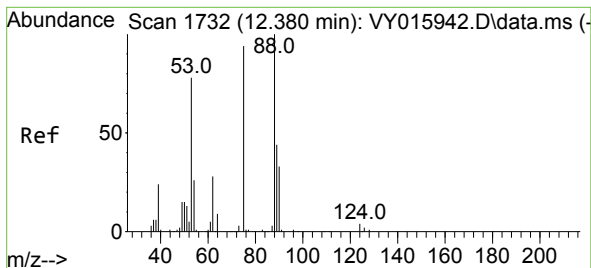
Tgt Ion: 91 Resp: 163082
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.407 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 105 Resp: 199763
Ion Ratio Lower Upper
105 100
120 49.5 23.9 71.7

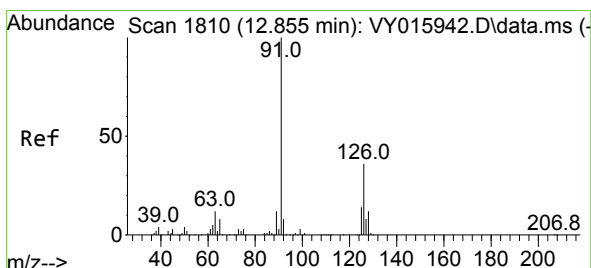
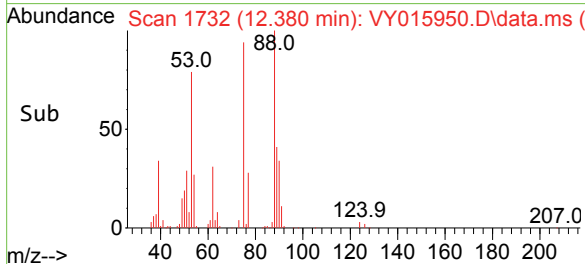
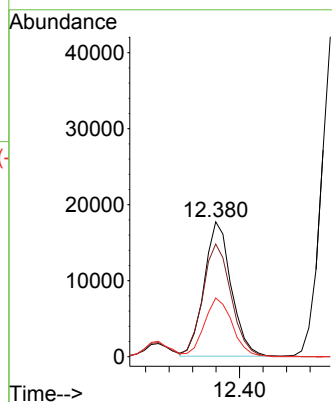
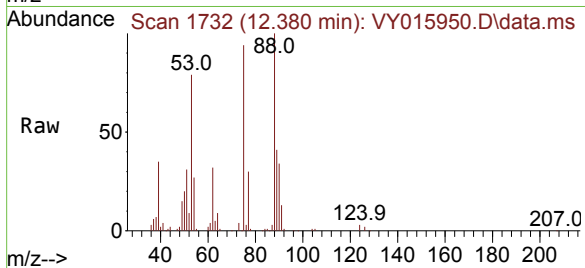




#81
trans-1,4-Dichloro-2-butene
Concen: 20.432 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

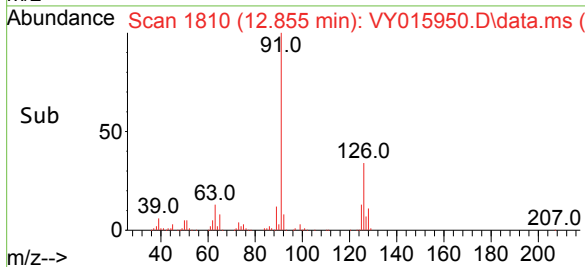
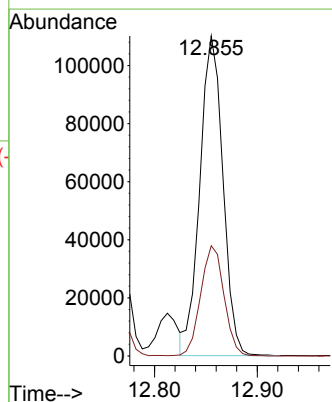
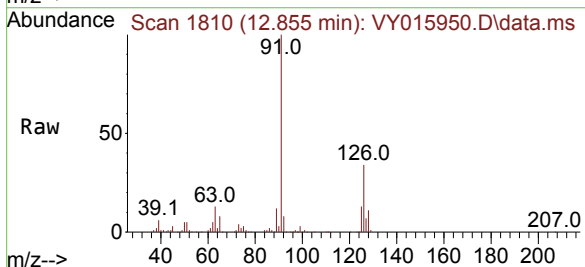
Instrument :
MSVOA_Y
ClientSampleId :

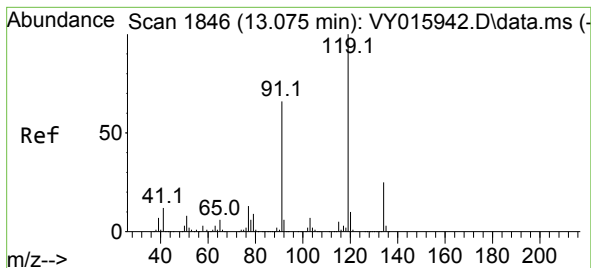
Tgt Ion: 75 Resp: 28252
Ion Ratio Lower Upper
75 100
53 88.6 77.8 116.8
89 45.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.617 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 91 Resp: 171716
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.839 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

ClientSampleId :

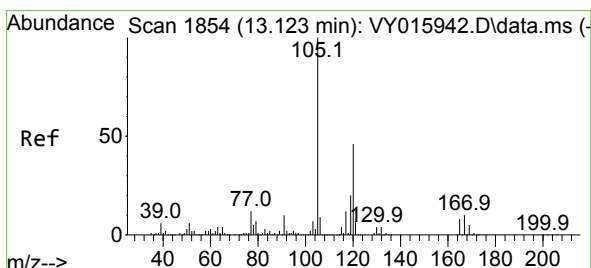
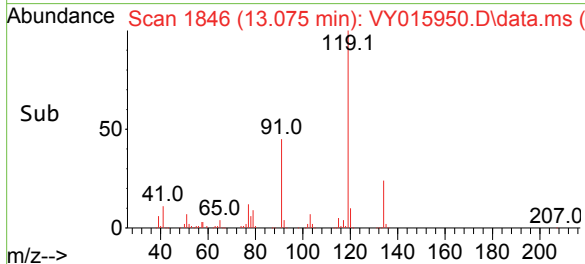
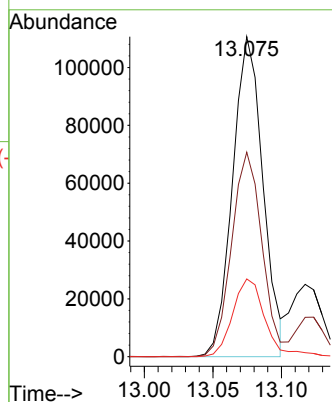
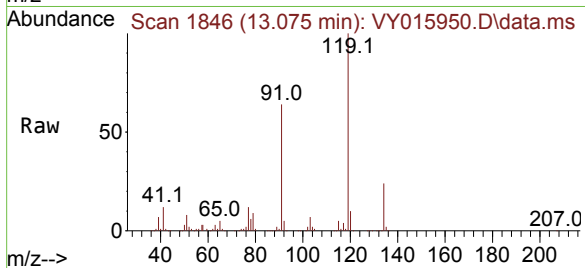
Tgt Ion:119 Resp: 170649

Ion Ratio Lower Upper

119 100

91 64.8 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.259 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.000 min

Lab File: VY015950.D

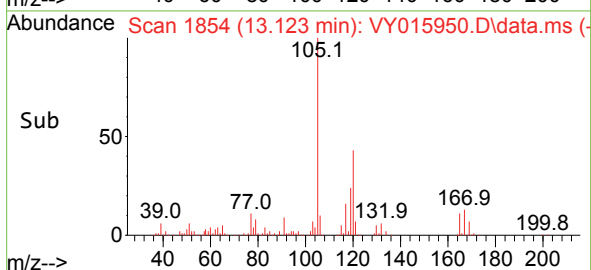
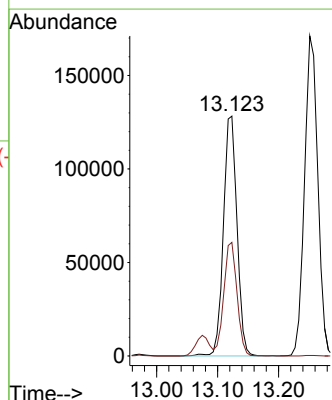
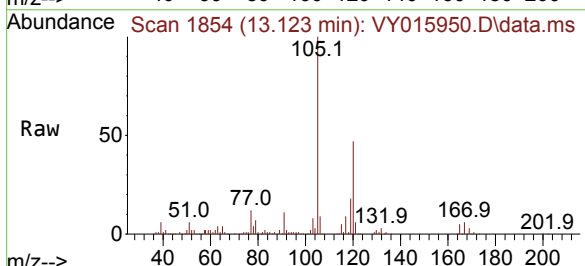
Acq: 13 Oct 2023 11:49

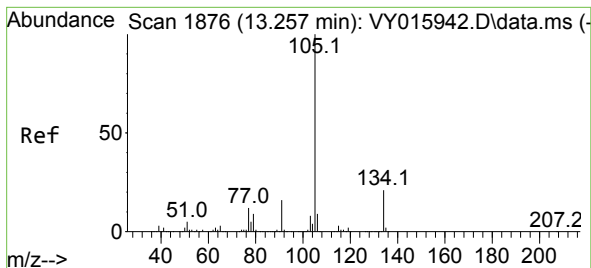
Tgt Ion:105 Resp: 199065

Ion Ratio Lower Upper

105 100

120 46.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.257 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.006 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

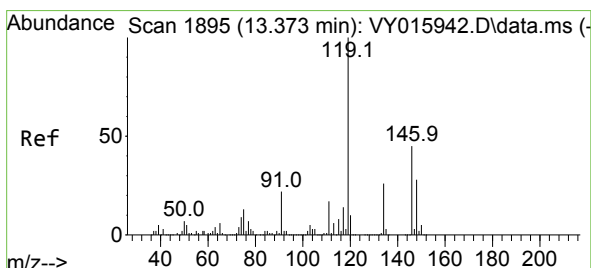
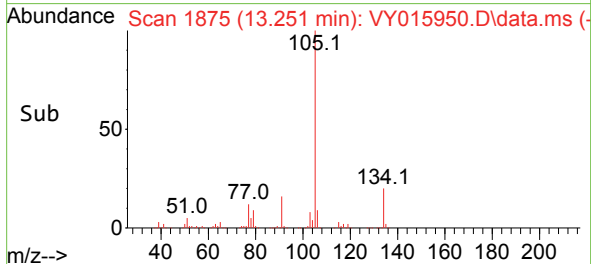
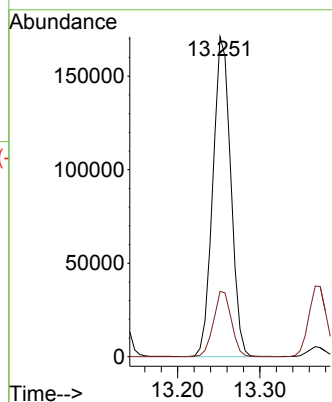
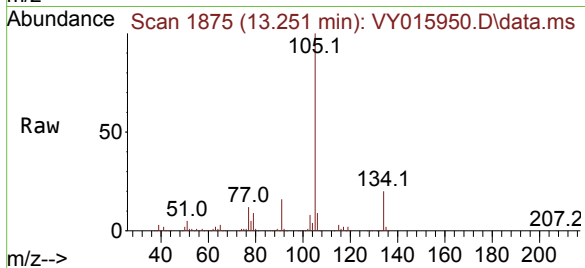
ClientSampleId :

Tgt Ion:105 Resp: 258592

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.338 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.006 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

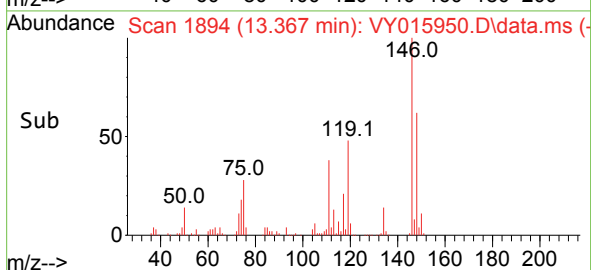
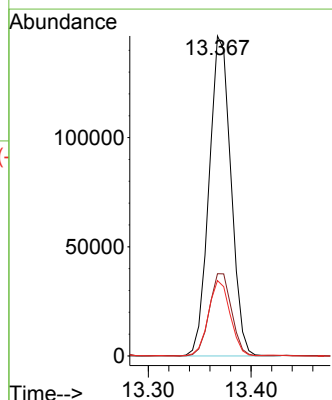
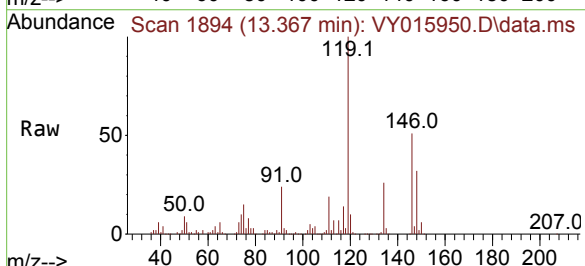
Tgt Ion:119 Resp: 216956

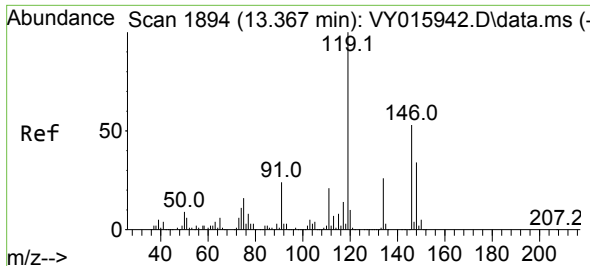
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.4 12.4 37.4

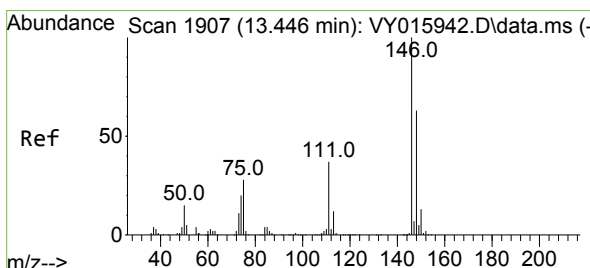
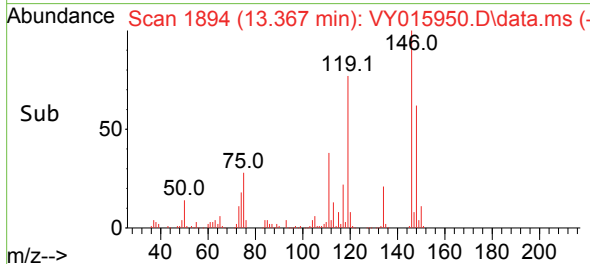
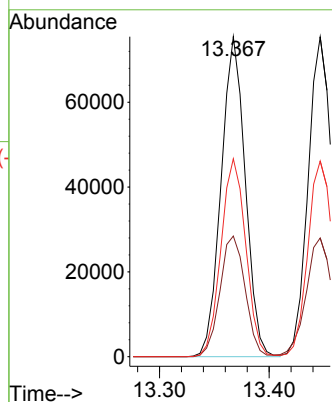
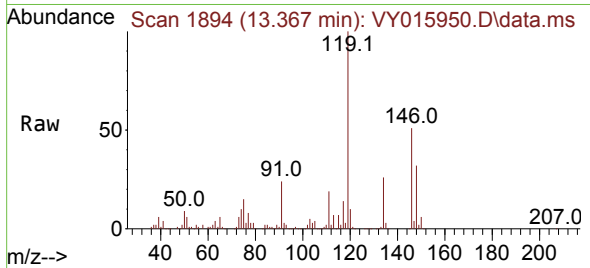




#87
1,3-Dichlorobenzene
Concen: 20.345 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

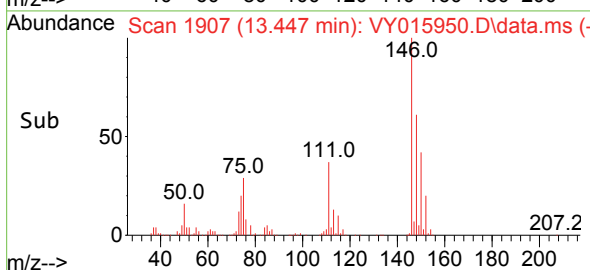
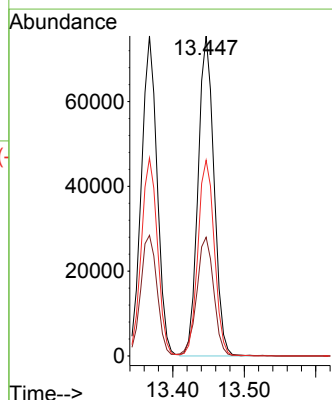
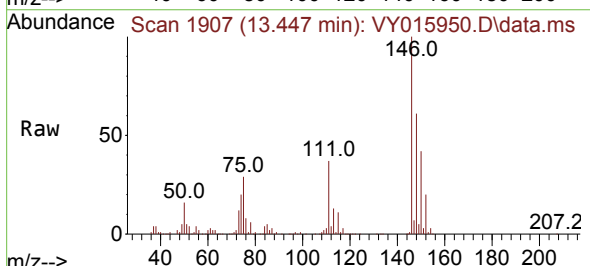
Instrument :
MSVOA_Y
ClientSampleId :

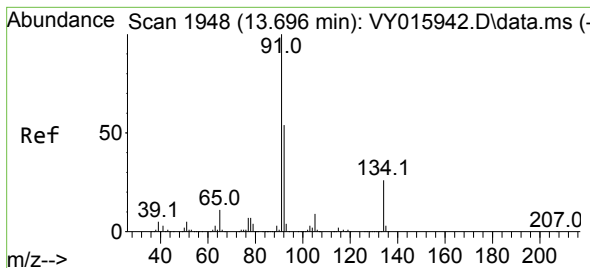
Tgt Ion:146 Resp: 115565
Ion Ratio Lower Upper
146 100
111 39.3 19.4 58.2
148 63.5 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.389 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion:146 Resp: 116953
Ion Ratio Lower Upper
146 100
111 39.2 18.9 56.7
148 62.9 32.1 96.5





#89

n-Butylbenzene

Concen: 20.513 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

ClientSampleId :

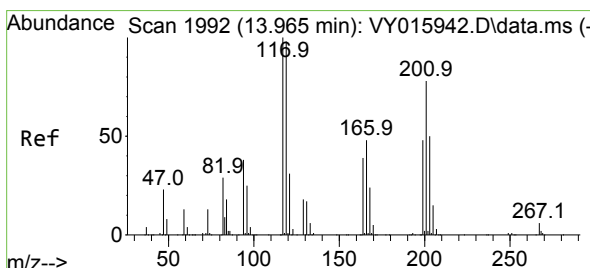
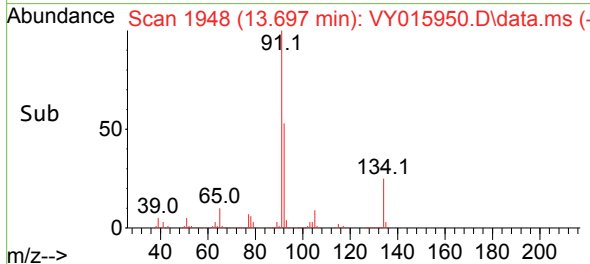
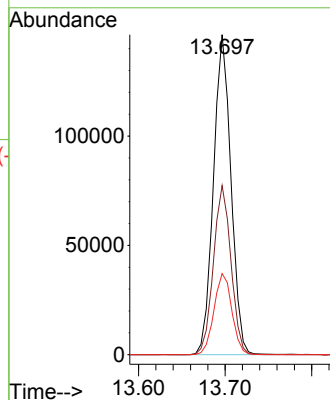
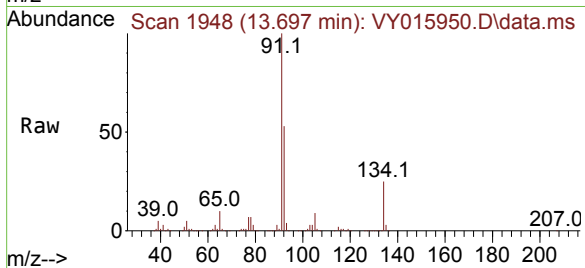
Tgt Ion: 91 Resp: 205772

Ion Ratio Lower Upper

91 100

92 53.1 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 20.238 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015950.D

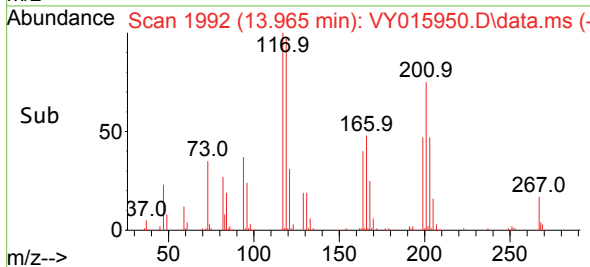
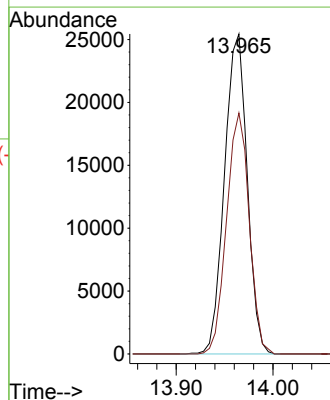
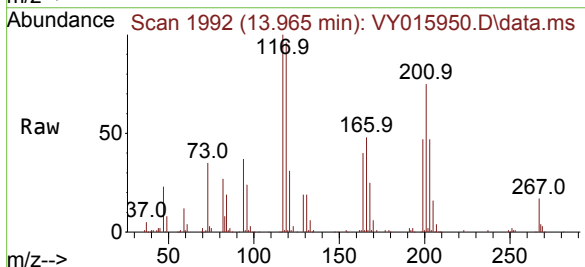
Acq: 13 Oct 2023 11:49

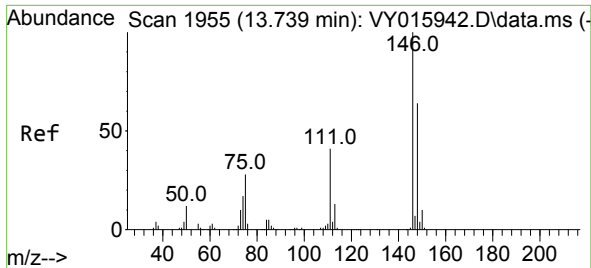
Tgt Ion: 117 Resp: 41378

Ion Ratio Lower Upper

117 100

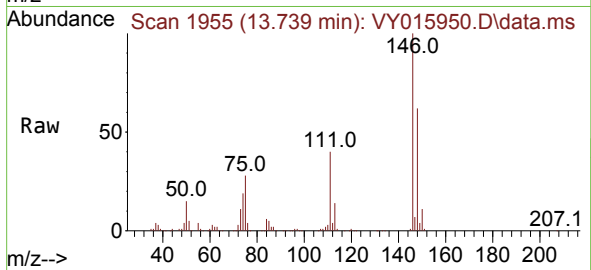
201 75.1 41.6 124.8



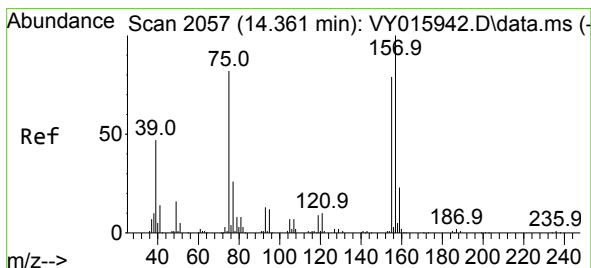
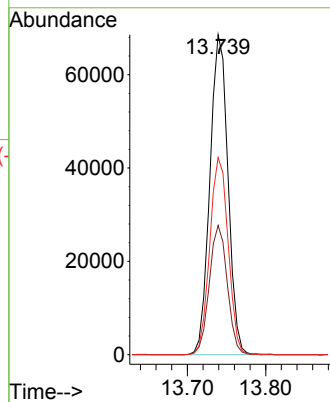
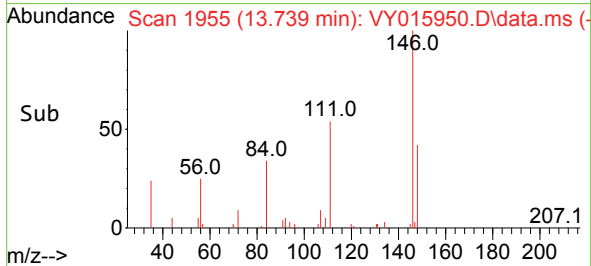


#91
1,2-Dichlorobenzene
Concen: 20.611 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Instrument :
MSVOA_Y
ClientSampleId :

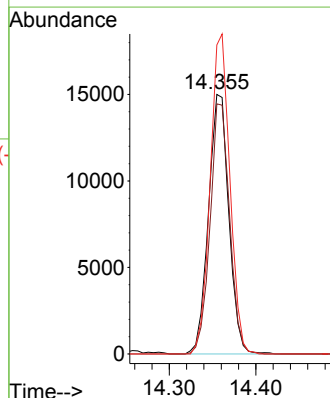
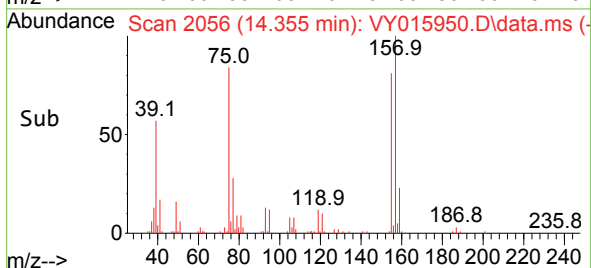
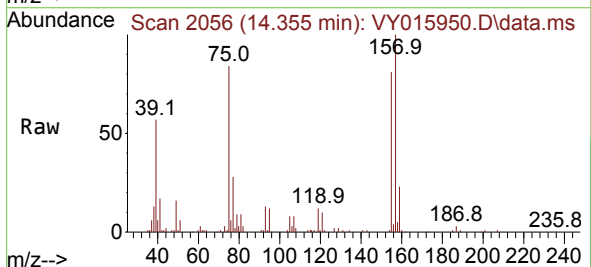


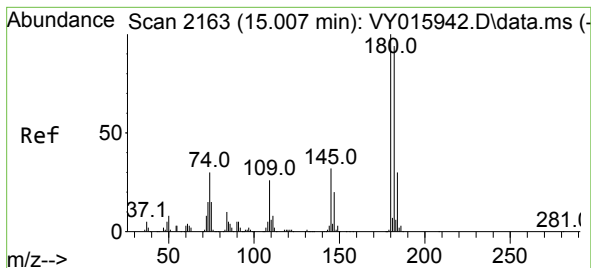
Tgt Ion:146 Resp: 109845
Ion Ratio Lower Upper
146 100
111 40.2 19.7 59.0
148 62.8 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 23.633 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. -0.006 min
Lab File: VY015950.D
Acq: 13 Oct 2023 11:49

Tgt Ion: 75 Resp: 24467
Ion Ratio Lower Upper
75 100
155 92.5 41.5 124.6
157 118.7 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.706 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

ClientSampleId :

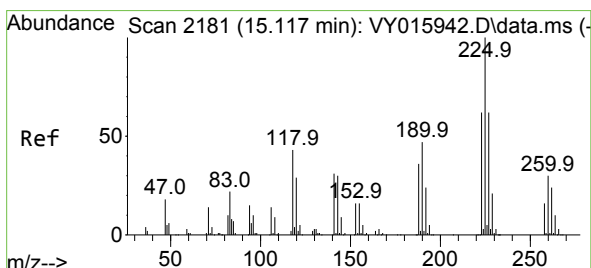
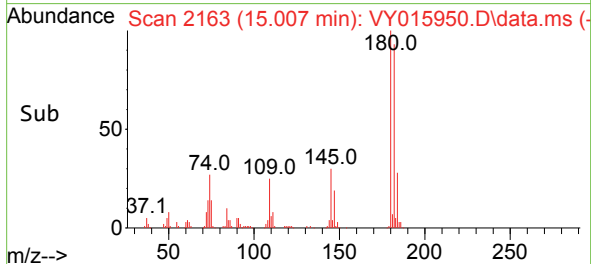
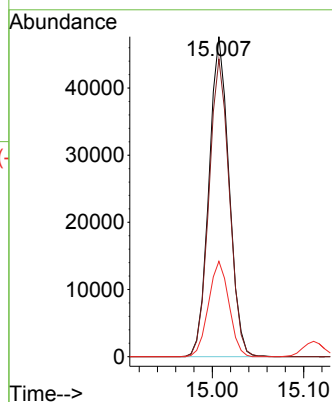
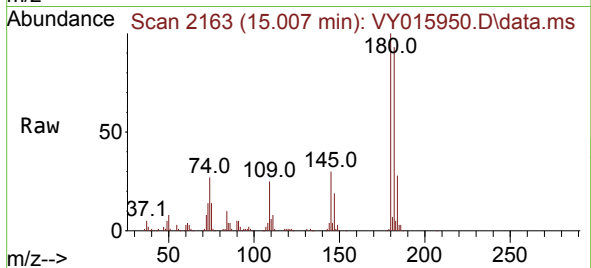
Tgt Ion:180 Resp: 72532

Ion Ratio Lower Upper

180 100

182 94.2 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.558 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.006 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

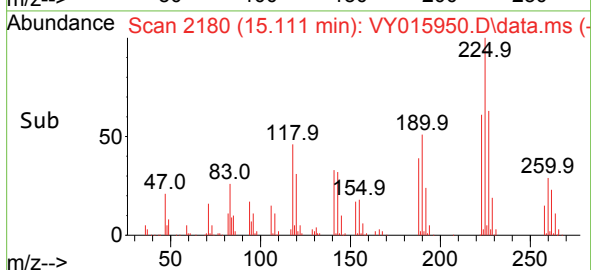
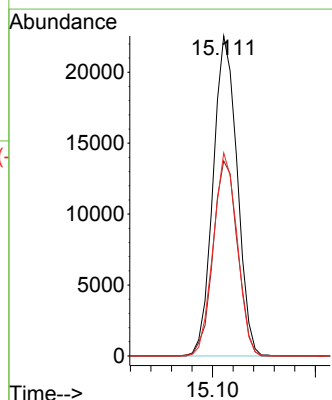
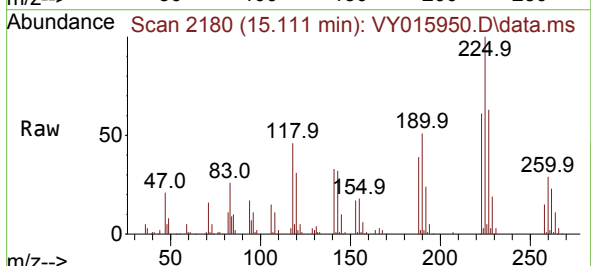
Tgt Ion:225 Resp: 36565

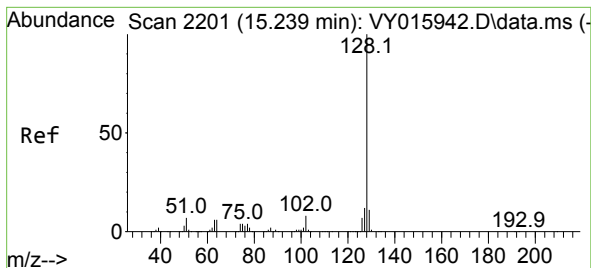
Ion Ratio Lower Upper

225 100

223 62.0 31.9 95.9

227 62.8 33.0 98.9





#95

Naphthalene

Concen: 21.173 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Instrument :

MSVOA_Y

ClientSampleId :

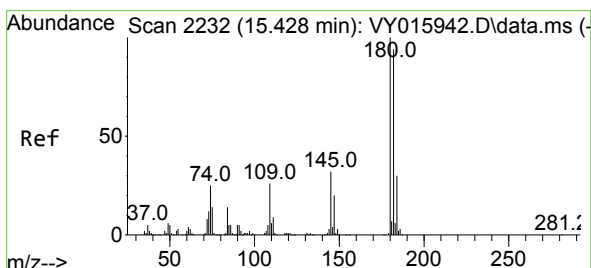
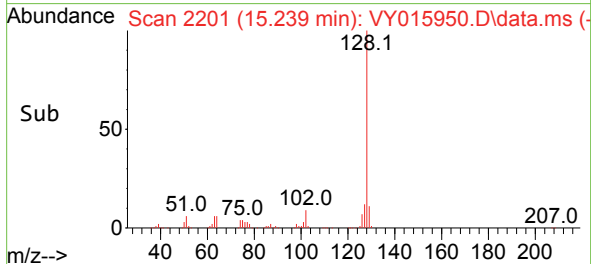
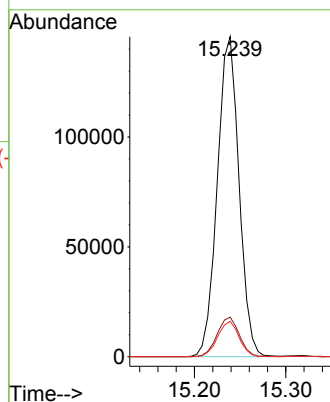
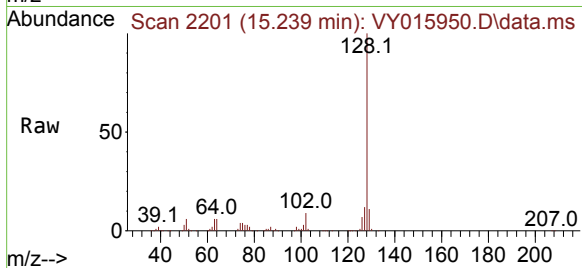
Tgt Ion:128 Resp: 240613

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.485 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015950.D

Acq: 13 Oct 2023 11:49

Tgt Ion:180 Resp: 68795

Ion Ratio Lower Upper

180 100

182 95.4 47.3 141.8

145 32.1 15.4 46.2

