

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015799.D
 Acq On : 03 Oct 2023 12:19
 Operator : SY/MD
 Sample : VY1003SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 04 01:09:32 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	184368	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	304748	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	279503	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	142795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90436	44.581	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	89.160%
35) Dibromofluoromethane	7.715	113	83623	45.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.700%
50) Toluene-d8	10.178	98	291261	47.095	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.180%
62) 4-Bromofluorobenzene	12.483	95	109470	45.104	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	22777	18.742	ug/l	92
3) Chloromethane	2.113	50	27814	18.141	ug/l	98
4) Vinyl Chloride	2.247	62	33750	19.253	ug/l	98
5) Bromomethane	2.643	94	24542	16.516	ug/l	95
6) Chloroethane	2.783	64	23815	18.329	ug/l	93
7) Trichlorofluoromethane	3.113	101	60164	20.465	ug/l	100
8) Diethyl Ether	3.527	74	24900	19.861	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	37968	20.627	ug/l	96
10) Methyl Iodide	4.082	142	32648	16.989	ug/l	97
11) Tert butyl alcohol	4.984	59	45817	73.534	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	30999	19.112	ug/l	92
13) Acrolein	3.728	56	20309	65.372	ug/l	100
14) Allyl chloride	4.478	41	55837	18.828	ug/l	92
15) Acrylonitrile	5.167	53	98521	107.124	ug/l	97
16) Acetone	3.960	43	110799	102.063	ug/l	92
17) Carbon Disulfide	4.192	76	54151	17.185	ug/l	97
18) Methyl Acetate	4.484	43	83200	22.842	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	131565	19.915	ug/l	100
20) Methylene Chloride	4.710	84	57996	21.650	ug/l	91
21) trans-1,2-Dichloroethene	5.210	96	35379	19.083	ug/l	97
22) Diisopropyl ether	6.124	45	139527	19.550	ug/l #	92
23) Vinyl Acetate	6.063	43	426264	96.763	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	75155	19.319	ug/l	98
25) 2-Butanone	6.990	43	155473	101.321	ug/l	95
26) 2,2-Dichloropropane	6.984	77	62832	17.671	ug/l	95
27) cis-1,2-Dichloroethene	6.984	96	46938	19.071	ug/l	95
28) Bromochloromethane	7.331	49	23834	22.582	ug/l	98
29) Tetrahydrofuran	7.356	42	93355	107.640	ug/l	94
30) Chloroform	7.508	83	81407	19.541	ug/l	97
31) Cyclohexane	7.782	56	53890	19.177	ug/l	93
32) 1,1,1-Trichloroethane	7.703	97	69315	20.155	ug/l	98
36) 1,1-Dichloropropene	7.917	75	51958	19.265	ug/l	98
37) Ethyl Acetate	7.081	43	56999	21.188	ug/l	98
38) Carbon Tetrachloride	7.904	117	59505	20.326	ug/l	94
39) Methylcyclohexane	9.185	83	58684	19.673	ug/l	91
40) Benzene	8.160	78	160349	19.496	ug/l	97

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	24824	17.138	ug/l	92
42) 1,2-Dichloroethane	8.234	62	57029	20.246	ug/l	94
43) Isopropyl Acetate	8.276	43	95816	20.851	ug/l	97
44) Trichloroethene	8.941	130	46389	20.194	ug/l	98
45) 1,2-Dichloropropane	9.215	63	45636	19.897	ug/l	99
46) Dibromomethane	9.307	93	29825	20.329	ug/l	94
47) Bromodichloromethane	9.496	83	65882	20.146	ug/l	97
48) Methyl methacrylate	9.294	41	40826	20.241	ug/l	88
49) 1,4-Dioxane	9.319	88	13771	475.118	ug/l #	49
51) 4-Methyl-2-Pentanone	10.069	43	310954	109.176	ug/l	93
52) Toluene	10.245	92	103835	19.583	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	69835	19.914	ug/l	99
54) cis-1,3-Dichloropropene	9.928	75	74047	19.616	ug/l	92
55) 1,1,2-Trichloroethane	10.642	97	44756	20.816	ug/l	97
56) Ethyl methacrylate	10.508	69	65803	20.768	ug/l #	87
57) 1,3-Dichloropropane	10.788	76	73384	20.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	64107	63.696	ug/l	96
59) 2-Hexanone	10.831	43	240976	110.278	ug/l	92
60) Dibromochloromethane	10.983	129	51722	20.608	ug/l	99
61) 1,2-Dibromoethane	11.087	107	42864	20.379	ug/l	99
64) Tetrachloroethene	10.721	164	50191	20.930	ug/l	98
65) Chlorobenzene	11.514	112	119431	19.576	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	48035	20.269	ug/l	99
67) Ethyl Benzene	11.593	91	211091	19.795	ug/l	100
68) m/p-Xylenes	11.703	106	159005	39.230	ug/l	96
69) o-Xylene	12.026	106	78030	19.633	ug/l	98
70) Styrene	12.044	104	136839	20.114	ug/l	96
71) Bromoform	12.209	173	36495	21.251	ug/l #	99
73) Isopropylbenzene	12.330	105	214647	20.038	ug/l	99
74) N-amyl acetate	12.141	43	83426	20.721	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.580	83	62834	21.076	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	82045	36.015	ug/l #	100
77) Bromobenzene	12.605	156	52231	19.864	ug/l	93
78) n-propylbenzene	12.672	91	262818	20.195	ug/l	100
79) 2-Chlorotoluene	12.757	91	146083	19.693	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	181346	20.222	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	20936	20.696	ug/l	95
82) 4-Chlorotoluene	12.855	91	152061	19.636	ug/l	99
83) tert-Butylbenzene	13.074	119	159999	20.371	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	179260	19.978	ug/l	99
85) sec-Butylbenzene	13.251	105	244753	20.822	ug/l	100
86) p-Isopropyltoluene	13.367	119	199602	20.329	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	104414	20.016	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	106936	20.497	ug/l	99
89) n-Butylbenzene	13.696	91	192359	20.689	ug/l	97
90) Hexachloroethane	13.958	117	38777	20.463	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	98214	20.395	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.354	75	13071	22.076	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	62626	20.658	ug/l	98
94) Hexachlorobutadiene	15.110	225	34654	22.322	ug/l	97
95) Naphthalene	15.232	128	174572	22.084	ug/l	99
96) 1,2,3-Trichlorobenzene	15.421	180	59330	21.204	ug/l	98

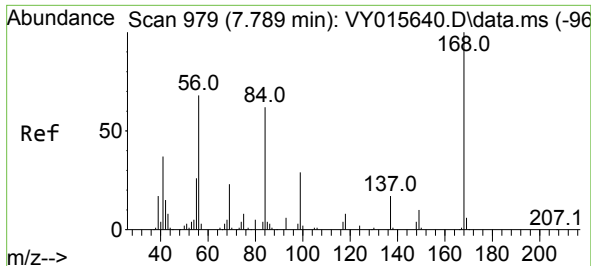
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
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Response via : Initial Calibration

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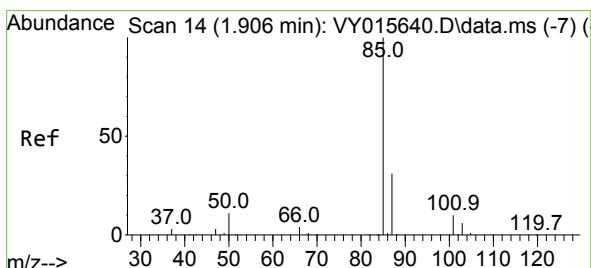
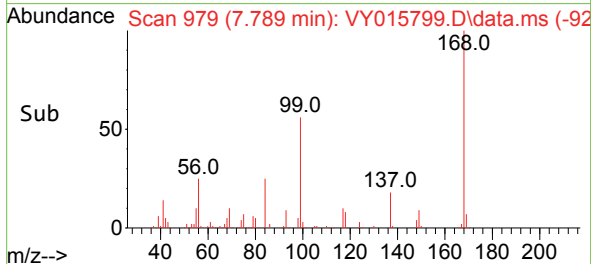
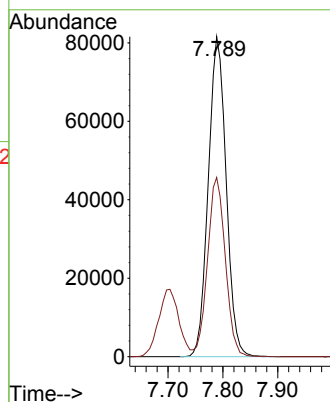
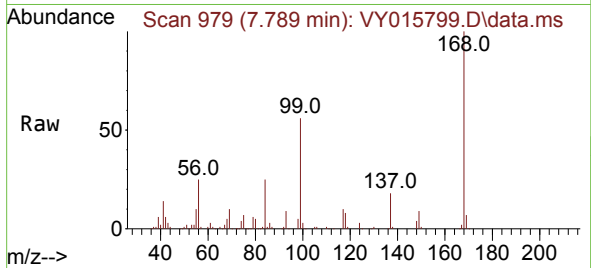
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

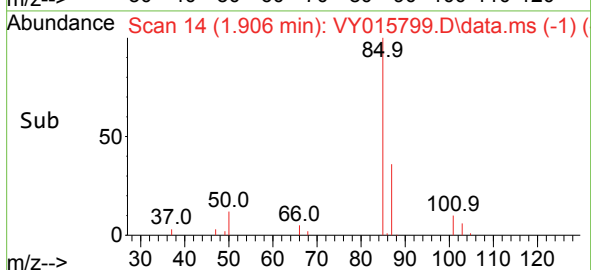
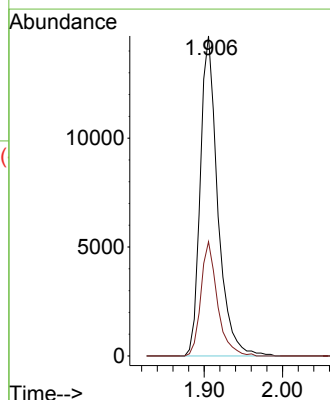
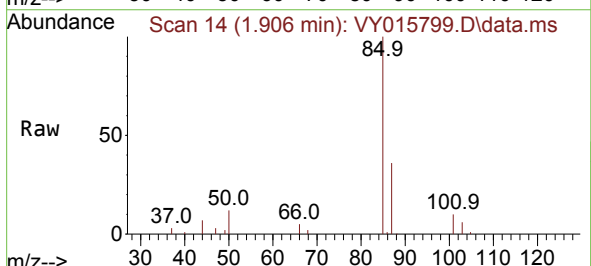
Instrument :
MSVOA_Y
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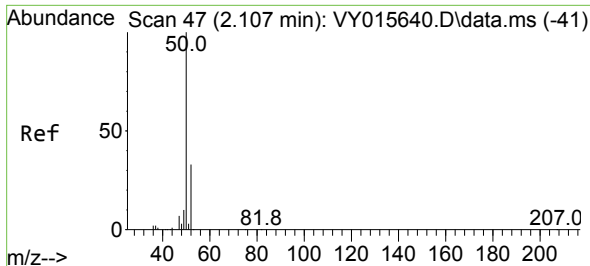
Tgt Ion:168 Resp: 184368
Ion Ratio Lower Upper
168 100
99 56.0 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 18.742 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 85 Resp: 22777
Ion Ratio Lower Upper
85 100
87 35.7 15.6 46.8

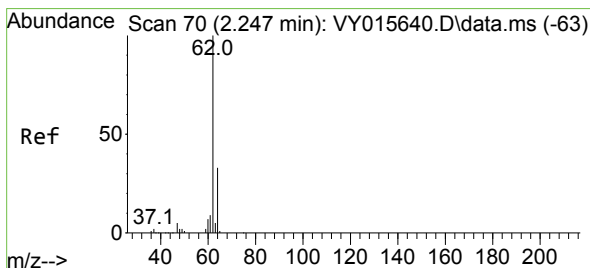
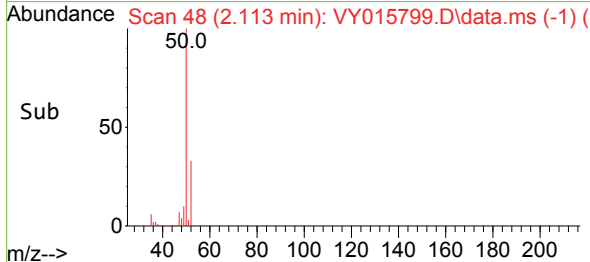
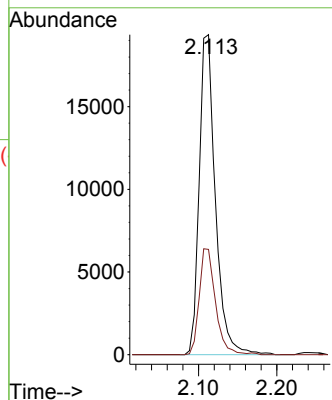
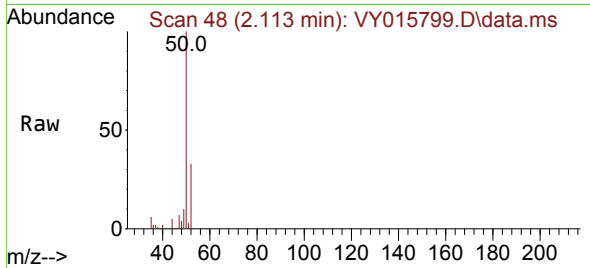




#3
Chloromethane
Concen: 18.141 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

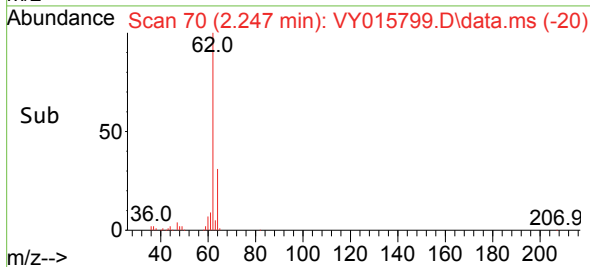
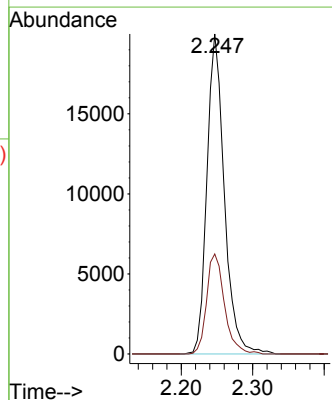
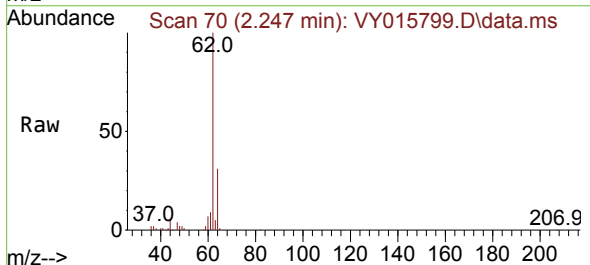
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ClientSampleId :

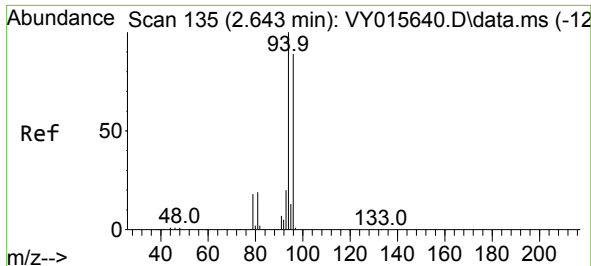
Tgt Ion: 50 Resp: 27814
Ion Ratio Lower Upper
50 100
52 32.9 25.4 38.2



#4
Vinyl Chloride
Concen: 19.253 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 62 Resp: 33750
Ion Ratio Lower Upper
62 100
64 31.3 24.3 36.5

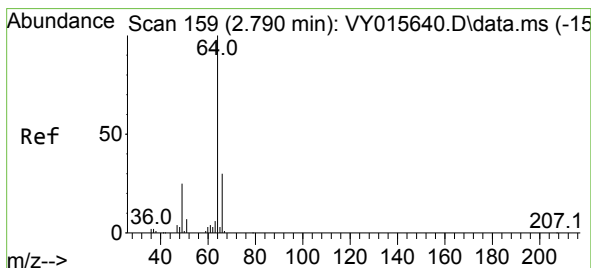
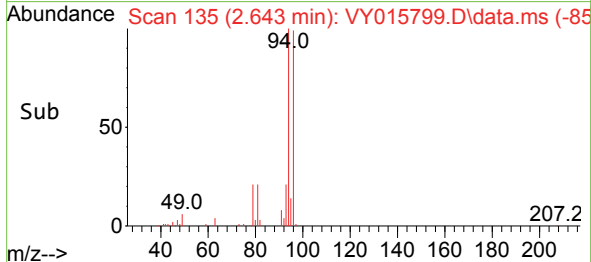
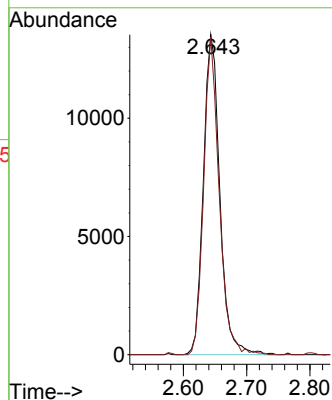
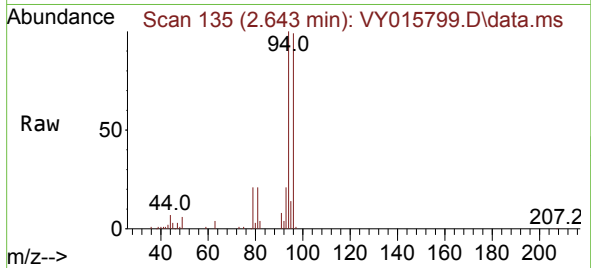




#5
Bromomethane
Concen: 16.516 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

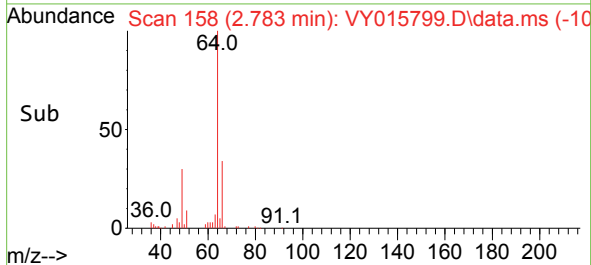
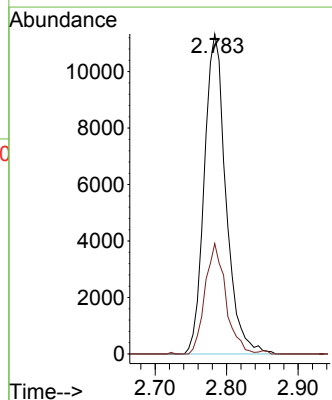
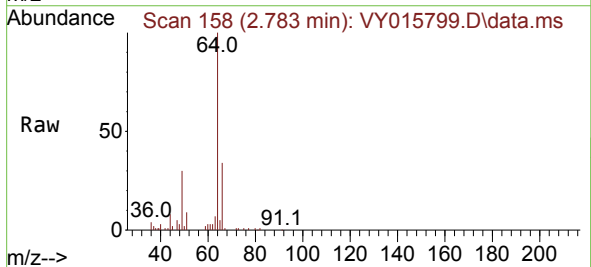
Instrument :
MSVOA_Y
ClientSampleId :

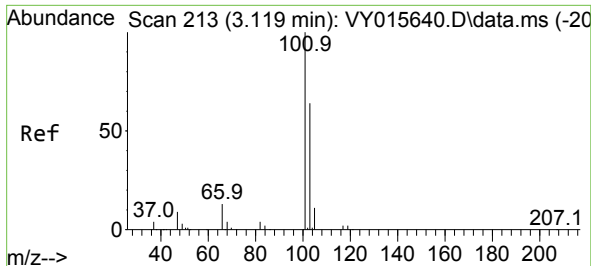
Tgt Ion: 94 Resp: 24542
Ion Ratio Lower Upper
94 100
96 99.2 75.8 113.6



#6
Chloroethane
Concen: 18.329 ug/l
RT: 2.783 min Scan# 158
Delta R.T. -0.001 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 64 Resp: 23815
Ion Ratio Lower Upper
64 100
66 34.5 24.4 36.6

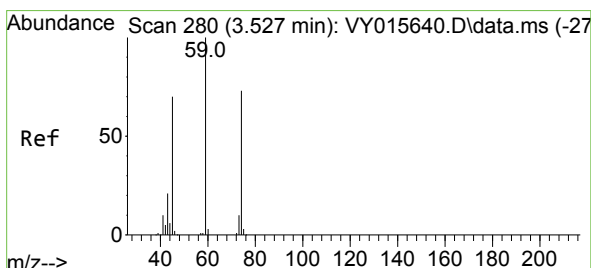
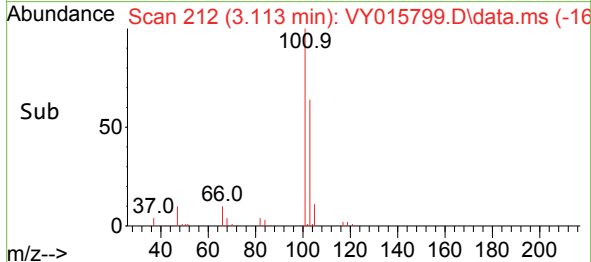
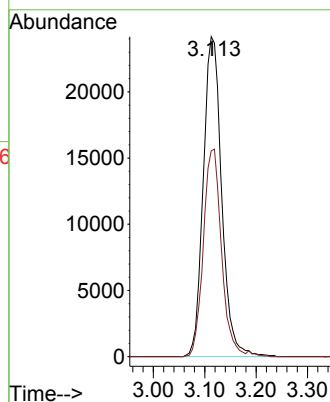
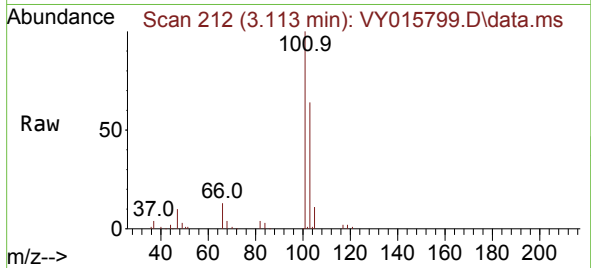




#7
Trichlorofluoromethane
Concen: 20.465 ug/l
RT: 3.113 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY015799.D
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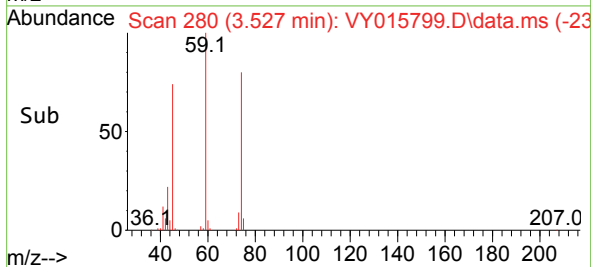
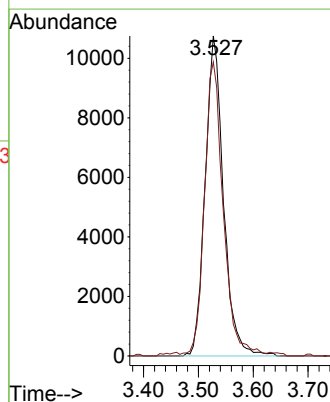
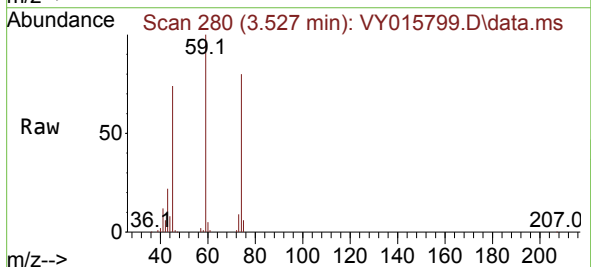
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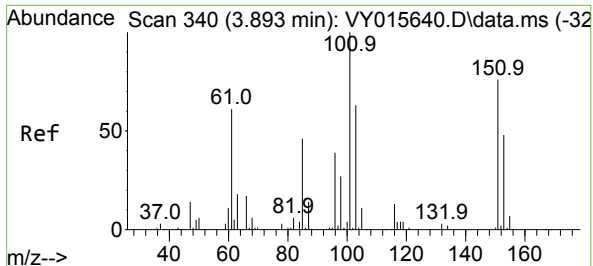
Tgt Ion:101 Resp: 60164
Ion Ratio Lower Upper
101 100
103 64.4 51.4 77.0



#8
Diethyl Ether
Concen: 19.861 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 74 Resp: 24900
Ion Ratio Lower Upper
74 100
45 92.6 51.5 154.5

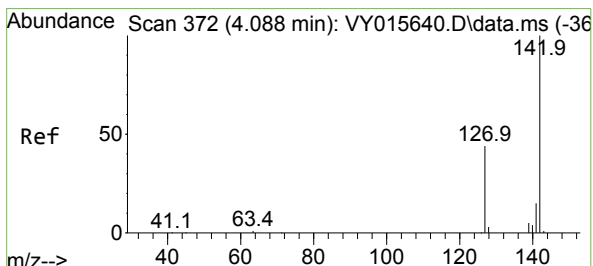
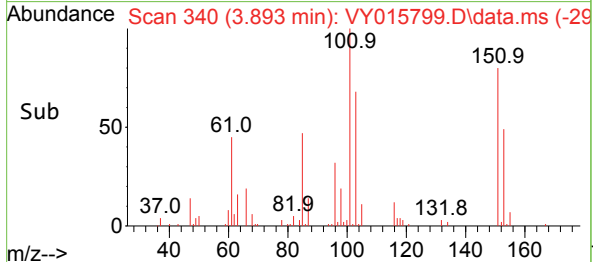
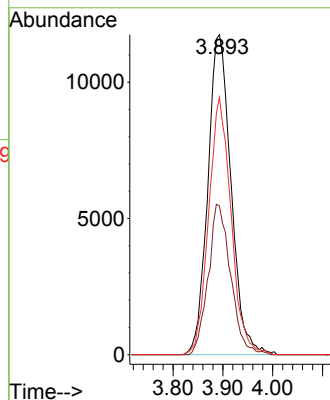
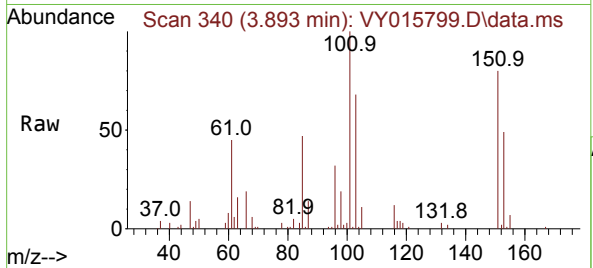




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.627 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

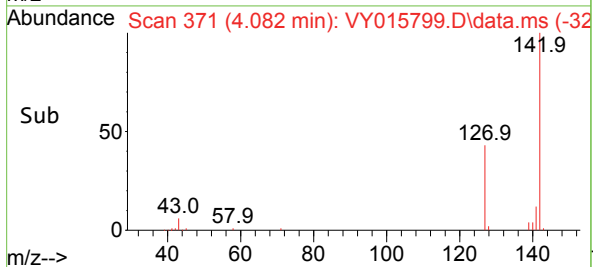
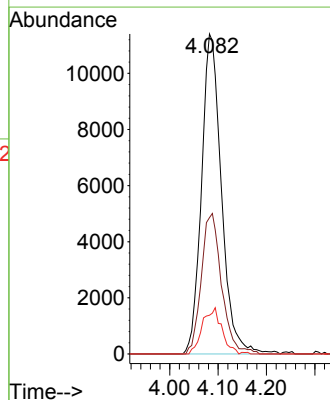
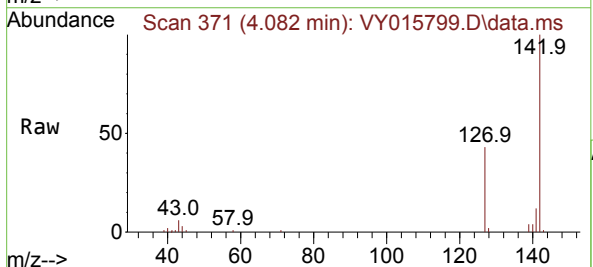
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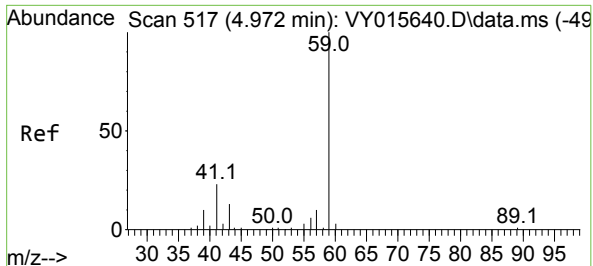
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Ion Ratio Lower Upper
101 100
85 45.5 36.6 55.0
151 77.9 67.0 100.6



#10
Methyl Iodide
Concen: 16.989 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion:142 Resp: 32648
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 14.1 11.8 17.8

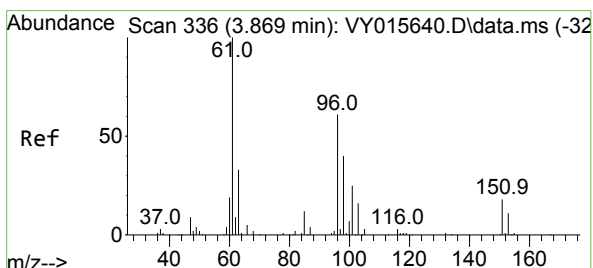
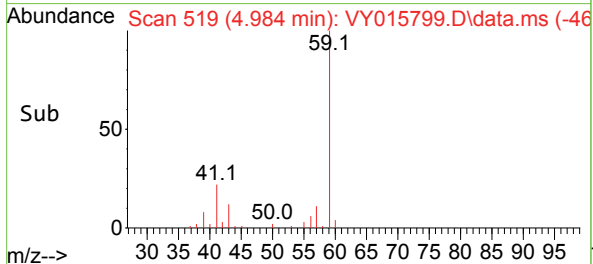
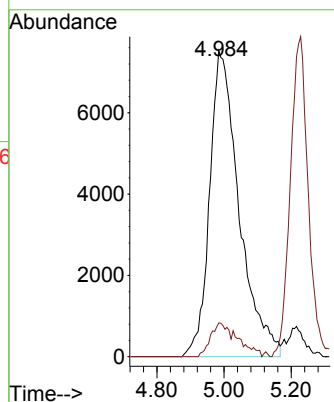
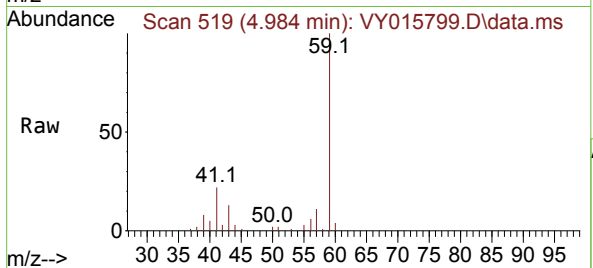




#11
Tert butyl alcohol
Concen: 73.534 ug/l
RT: 4.984 min Scan# 517
Delta R.T. 0.030 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

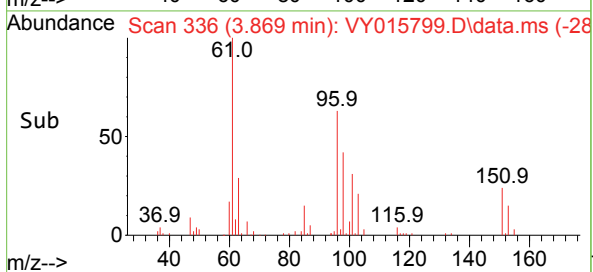
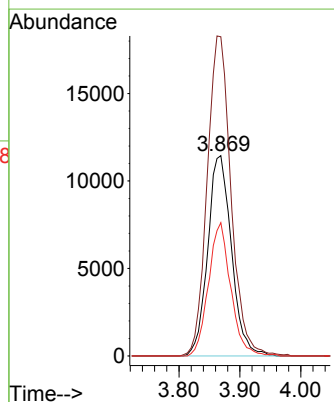
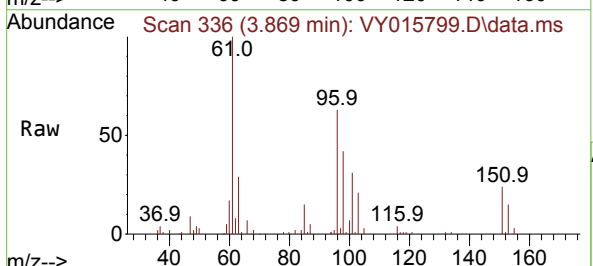
Instrument :
MSVOA_Y
ClientSampleId :

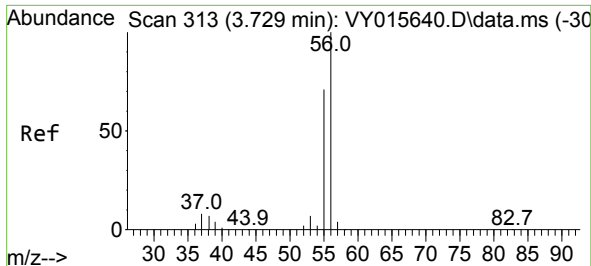
Tgt Ion: 59 Resp: 45817
Ion Ratio Lower Upper
59 100
57 6.7 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.112 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 96 Resp: 30999
Ion Ratio Lower Upper
96 100
61 159.3 136.4 204.6
98 66.5 49.4 74.2





#13

Acrolein

Concen: 65.372 ug/l

RT: 3.728 min Scan# 313

Delta R.T. 0.005 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

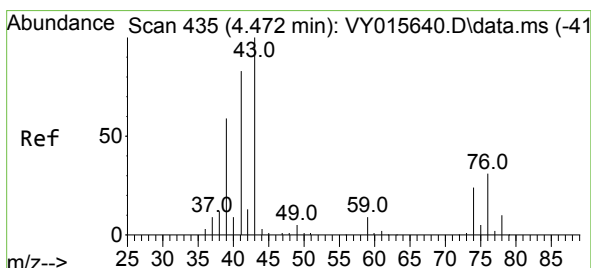
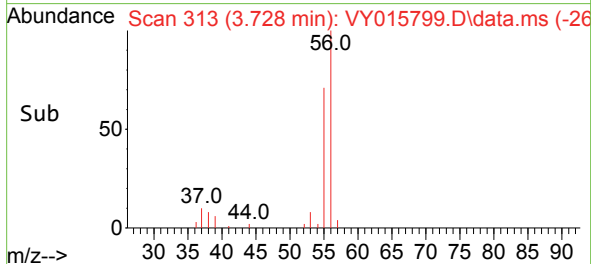
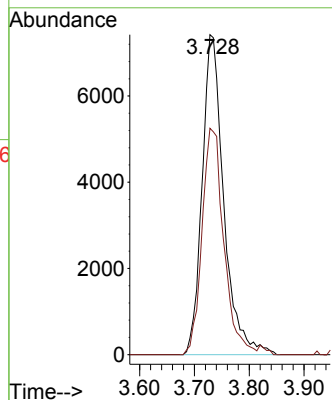
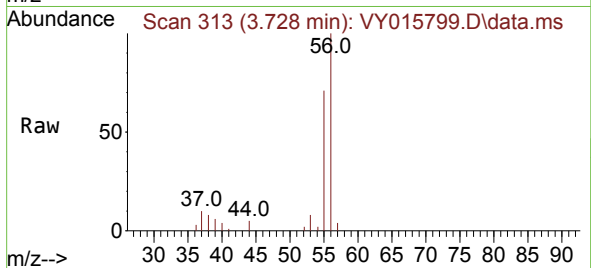
ClientSampleId :

Tgt Ion: 56 Resp: 20309

Ion Ratio Lower Upper

56 100

55 71.2 57.0 85.4



#14

Allyl chloride

Concen: 18.828 ug/l

RT: 4.478 min Scan# 436

Delta R.T. 0.006 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

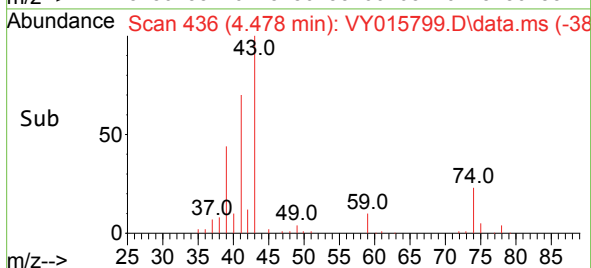
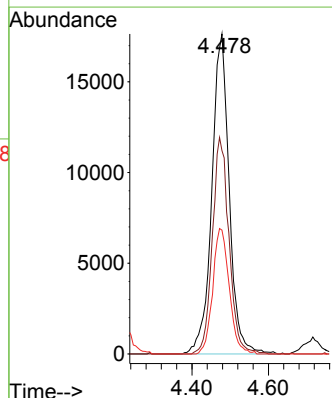
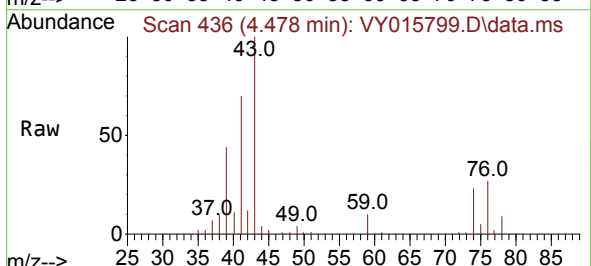
Tgt Ion: 41 Resp: 55837

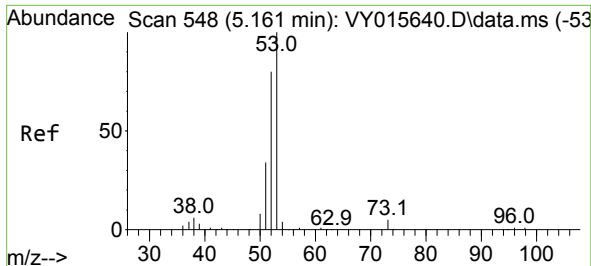
Ion Ratio Lower Upper

41 100

39 64.5 58.0 87.0

76 37.2 27.4 41.2

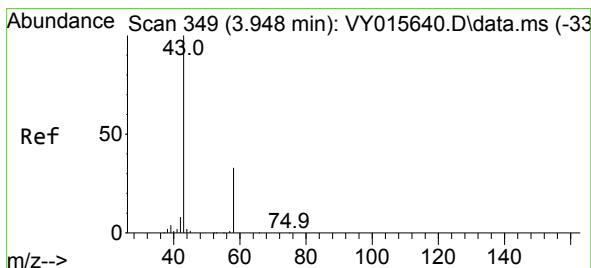
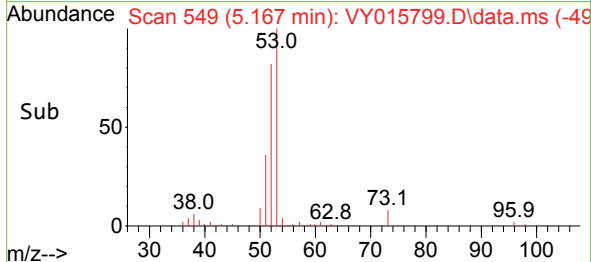
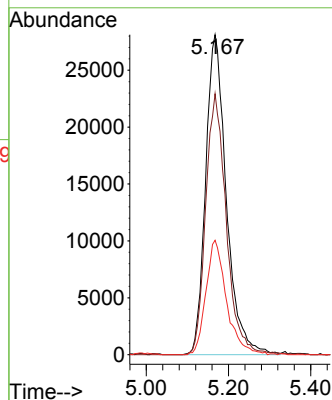
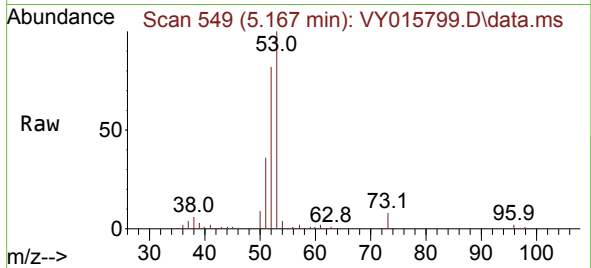




#15
Acrylonitrile
Concen: 107.124 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

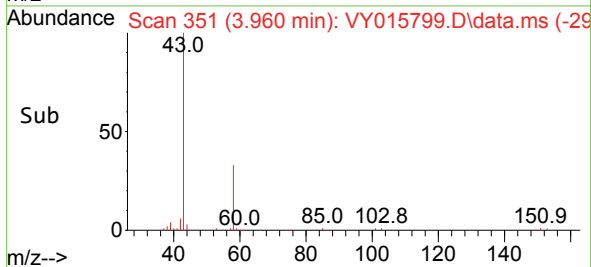
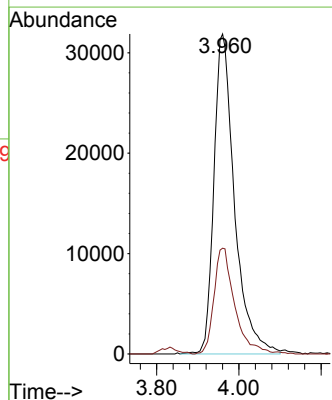
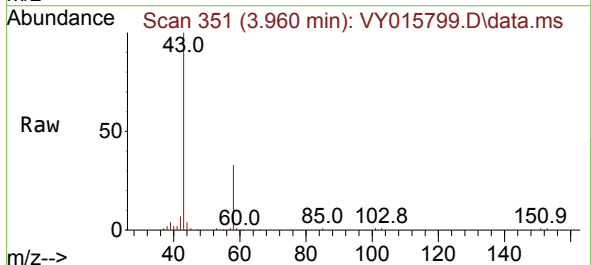
Instrument :
MSVOA_Y
ClientSampleId :

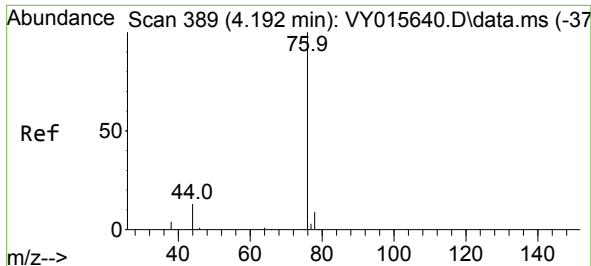
Tgt Ion: 53 Resp: 98521
Ion Ratio Lower Upper
53 100
52 81.3 66.9 100.3
51 35.6 29.8 44.6



#16
Acetone
Concen: 102.063 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 43 Resp: 110799
Ion Ratio Lower Upper
43 100
58 32.5 22.7 34.1

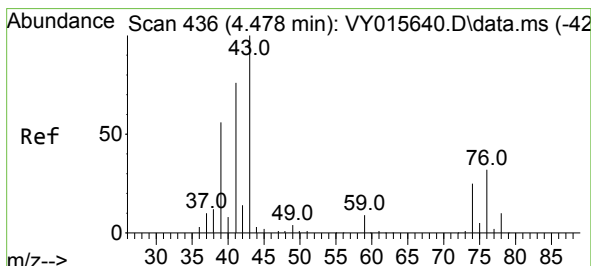
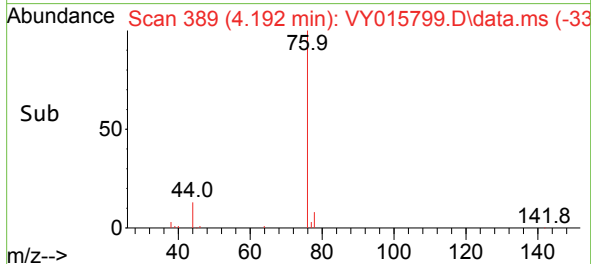
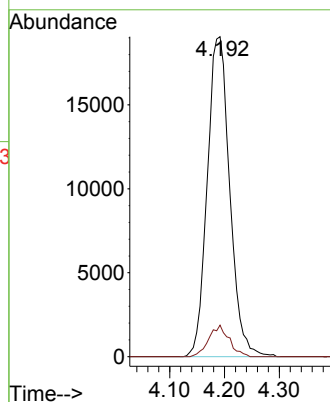
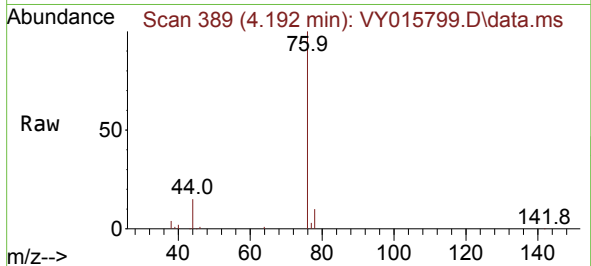




#17
Carbon Disulfide
Concen: 17.185 ug/l
RT: 4.192 min Scan# 389
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

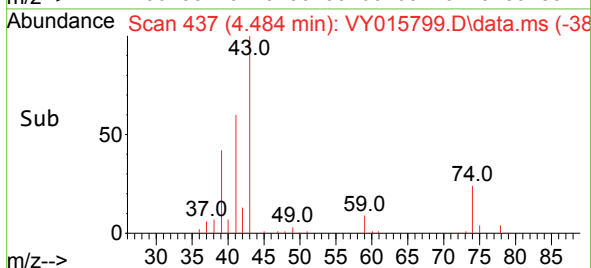
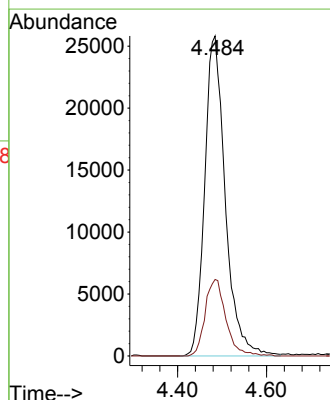
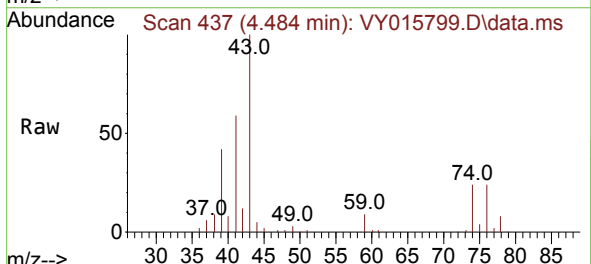
Instrument :
MSVOA_Y
ClientSampleId :

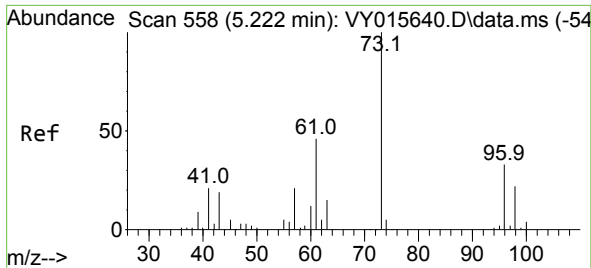
Tgt Ion: 76 Resp: 54151
Ion Ratio Lower Upper
76 100
78 9.9 7.0 10.4



#18
Methyl Acetate
Concen: 22.842 ug/l
RT: 4.484 min Scan# 437
Delta R.T. 0.012 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 43 Resp: 83200
Ion Ratio Lower Upper
43 100
74 24.2 17.4 26.0

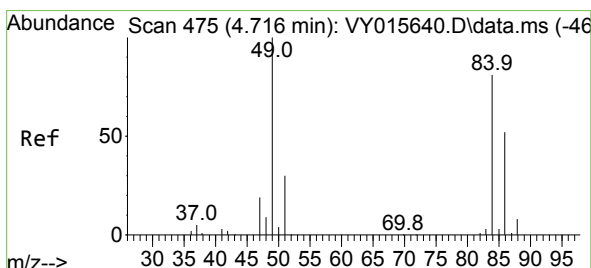
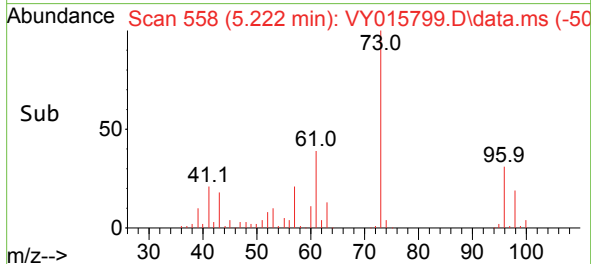
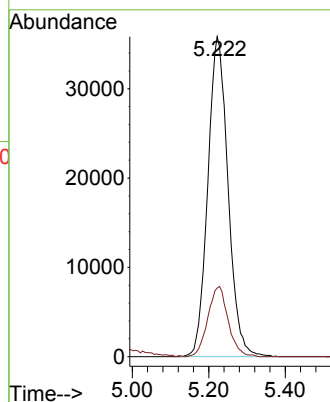
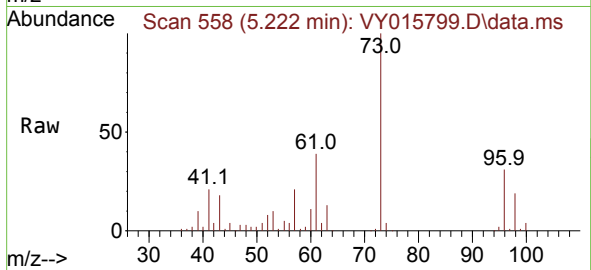




#19
Methyl tert-butyl Ether
Concen: 19.915 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

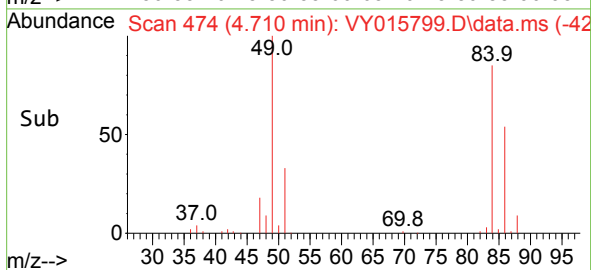
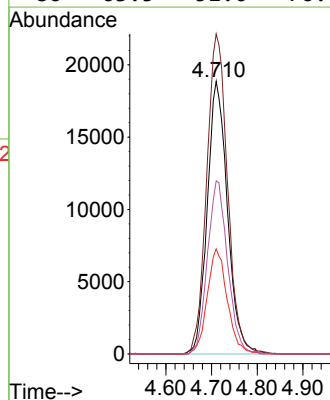
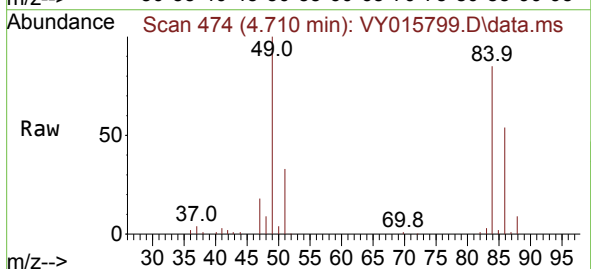
Instrument :
MSVOA_Y
ClientSampleId :

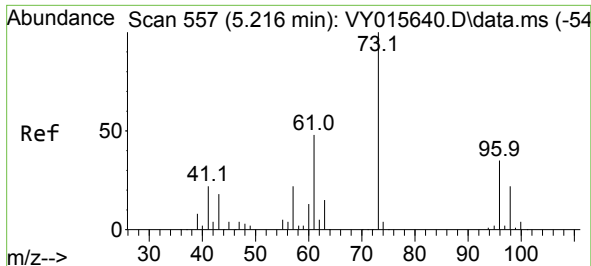
Tgt Ion: 73 Resp: 131565
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 21.650 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

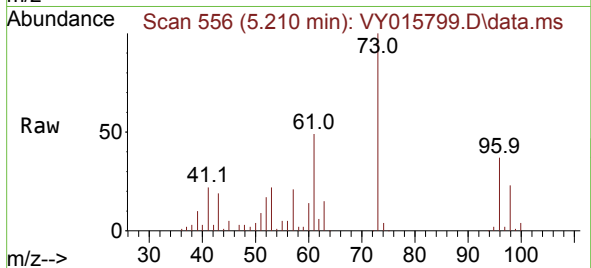
Tgt Ion: 84 Resp: 57996
Ion Ratio Lower Upper
84 100
49 117.4 106.9 160.3
51 38.5 33.2 49.8
86 63.5 51.0 76.6



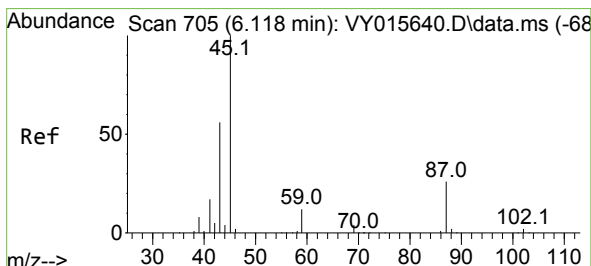
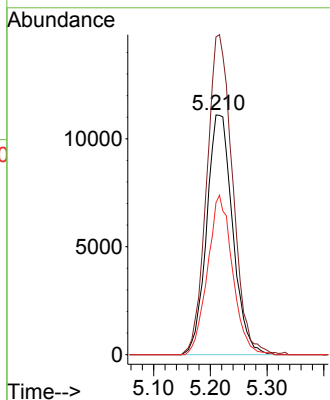
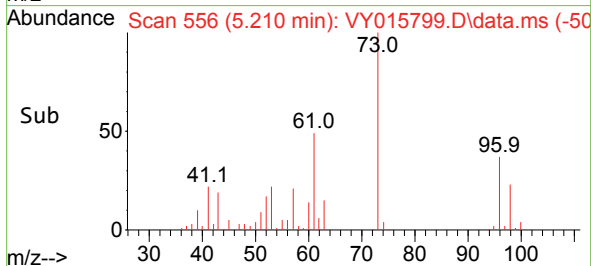


#21
trans-1,2-Dichloroethene
Concen: 19.083 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

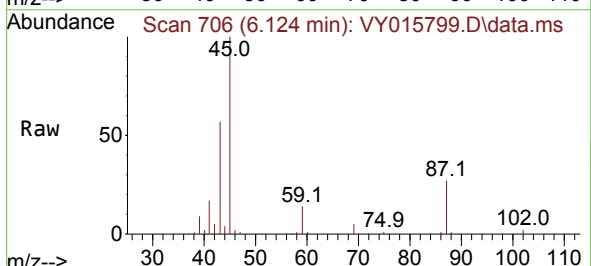
Instrument :
MSVOA_Y
ClientSampleId :



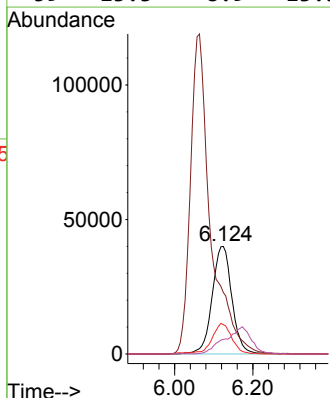
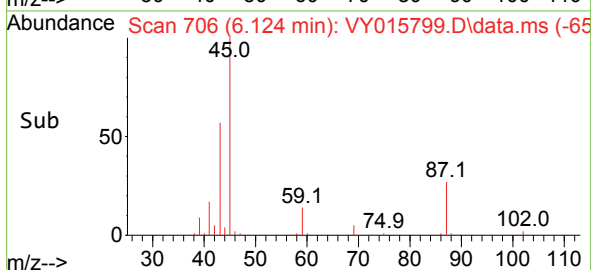
Tgt Ion: 96 Resp: 35379
Ion Ratio Lower Upper
96 100
61 132.6 110.2 165.4
98 63.4 51.8 77.6

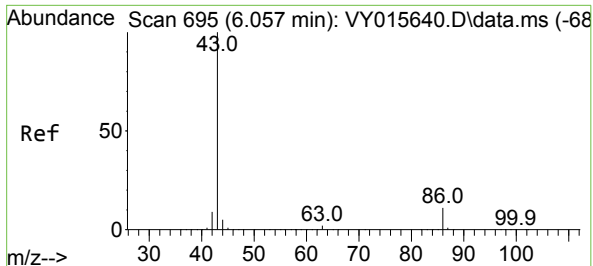


#22
Diisopropyl ether
Concen: 19.550 ug/l
RT: 6.124 min Scan# 706
Delta R.T. 0.012 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19



Tgt Ion: 45 Resp: 139527
Ion Ratio Lower Upper
45 100
43 56.6 52.2 78.4
87 27.3 21.0 31.6
59 13.3 8.9 13.3#

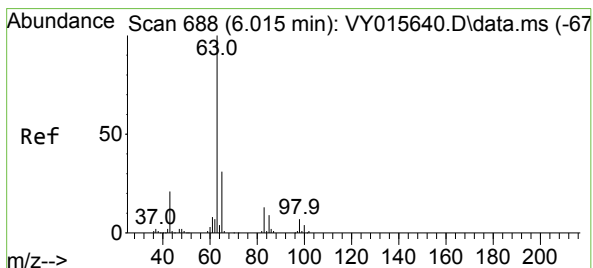
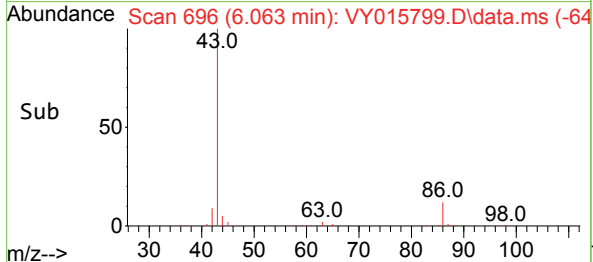
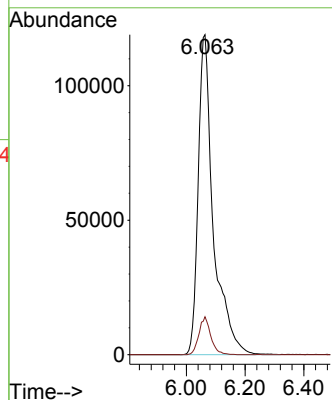
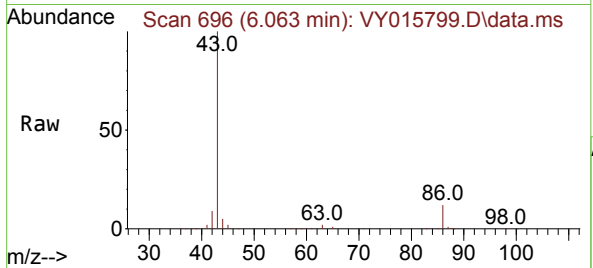




#23
 Vinyl Acetate
 Concen: 96.763 ug/l
 RT: 6.063 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY015799.D
 Acq: 03 Oct 2023 12:19

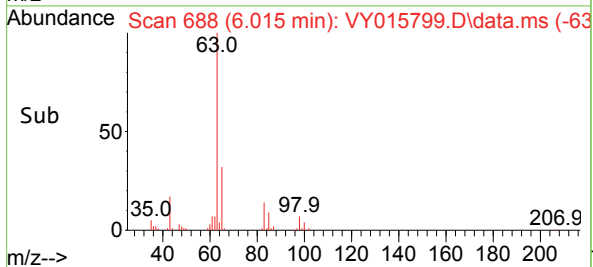
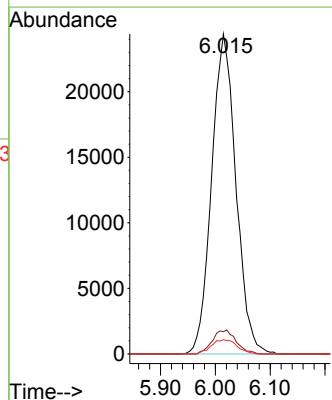
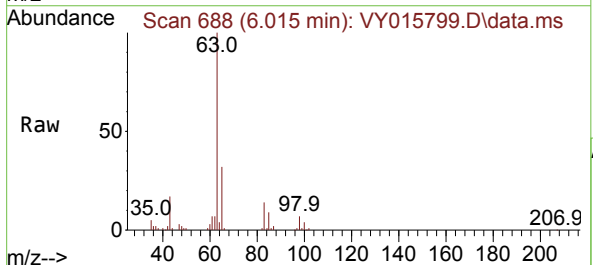
Instrument :
 MSVOA_Y
 ClientSampleId :

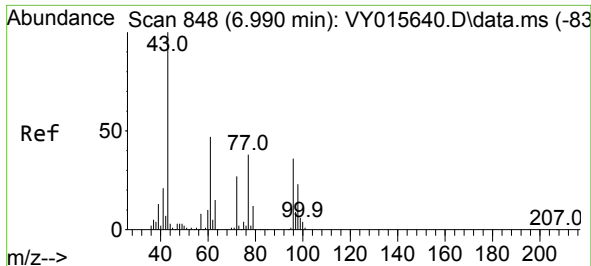
Tgt Ion: 43 Resp: 426264
 Ion Ratio Lower Upper
 43 100
 86 11.9 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 19.319 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015799.D
 Acq: 03 Oct 2023 12:19

Tgt Ion: 63 Resp: 75155
 Ion Ratio Lower Upper
 63 100
 98 7.0 3.1 9.4
 100 4.5 1.8 5.5

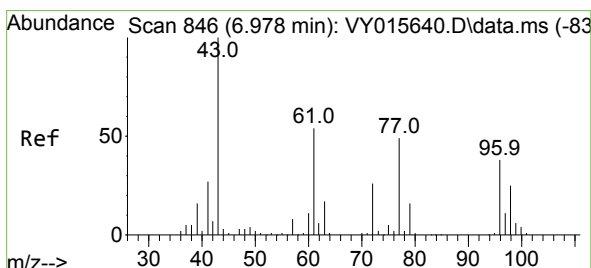
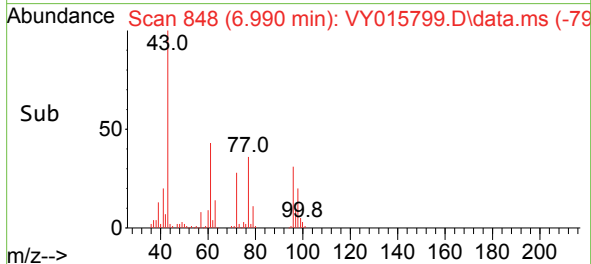
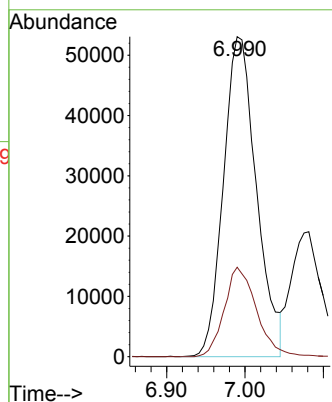
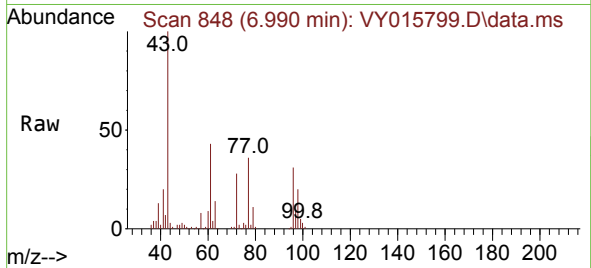




#25
2-Butanone
Concen: 101.321 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.012 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

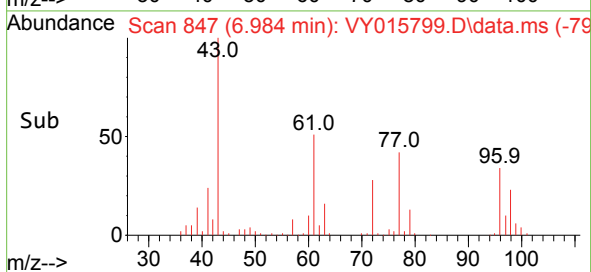
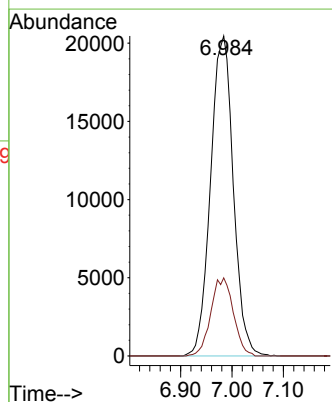
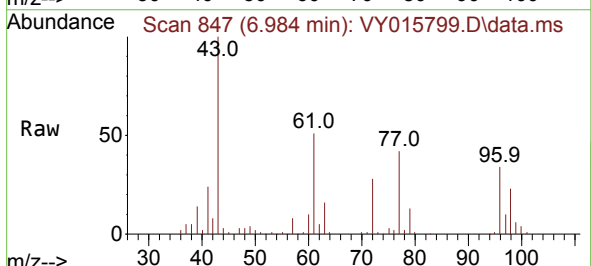
Instrument :
MSVOA_Y
ClientSampleId :

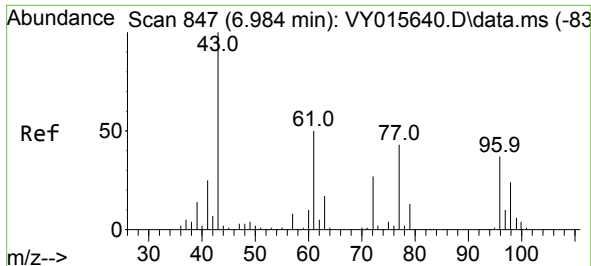
Tgt Ion: 43 Resp: 155473
Ion Ratio Lower Upper
43 100
72 27.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 17.671 ug/l
RT: 6.984 min Scan# 847
Delta R.T. 0.012 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 77 Resp: 62832
Ion Ratio Lower Upper
77 100
97 24.2 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.071 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

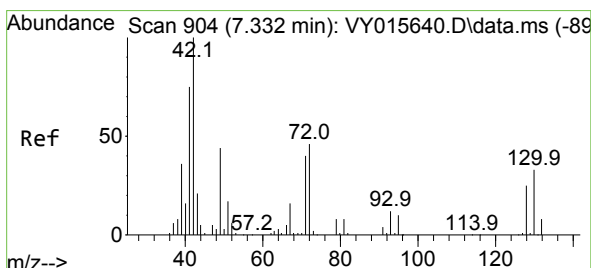
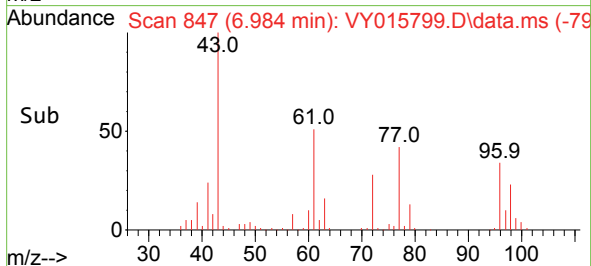
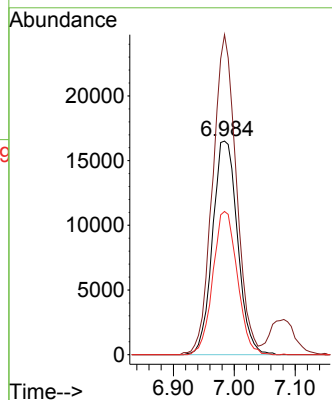
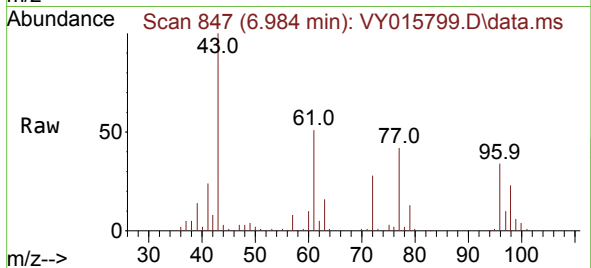
Tgt Ion: 96 Resp: 46938

Ion Ratio Lower Upper

96 100

61 142.2 0.0 301.4

98 65.7 0.0 130.4



#28

Bromochloromethane

Concen: 22.582 ug/l

RT: 7.331 min Scan# 904

Delta R.T. 0.005 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

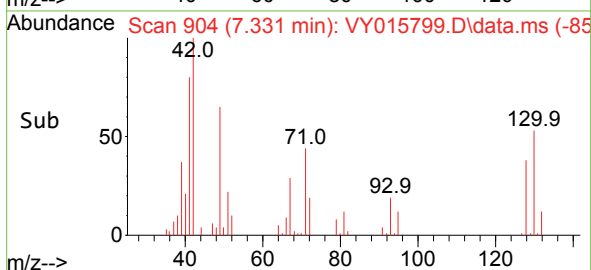
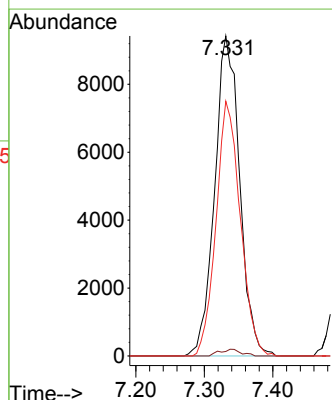
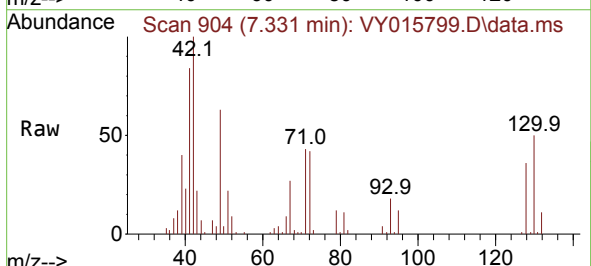
Tgt Ion: 49 Resp: 23834

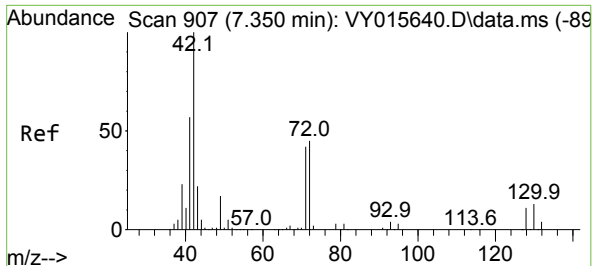
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 77.3 60.7 91.1





#29

Tetrahydrofuran

Concen: 107.640 ug/l

RT: 7.356 min Scan# 907

Delta R.T. 0.012 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

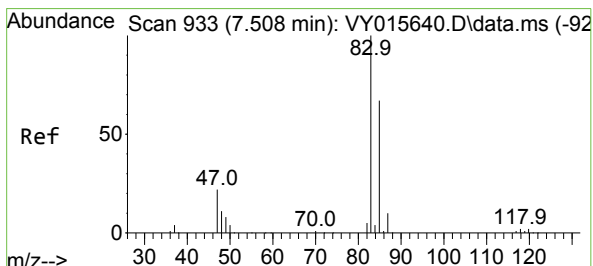
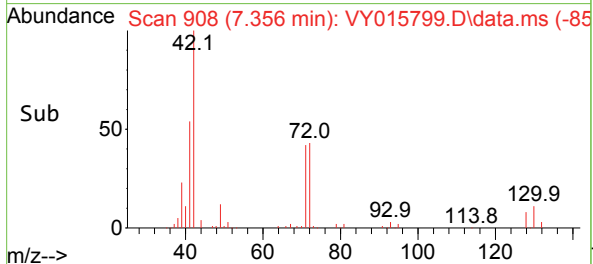
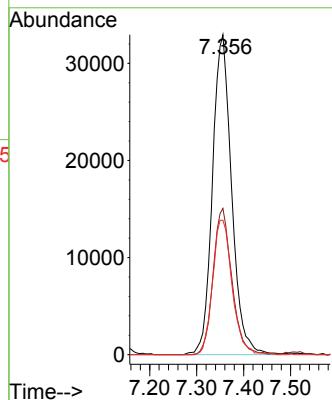
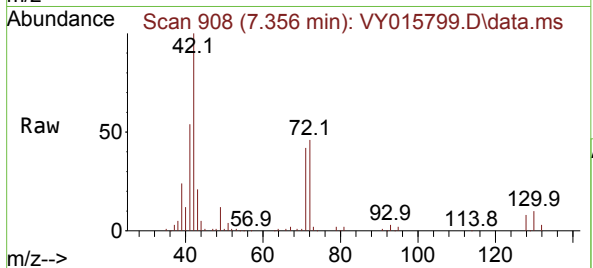
Tgt Ion: 42 Resp: 93355

Ion Ratio Lower Upper

42 100

72 44.8 32.8 49.2

71 42.8 31.0 46.4



#30

Chloroform

Concen: 19.541 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015799.D

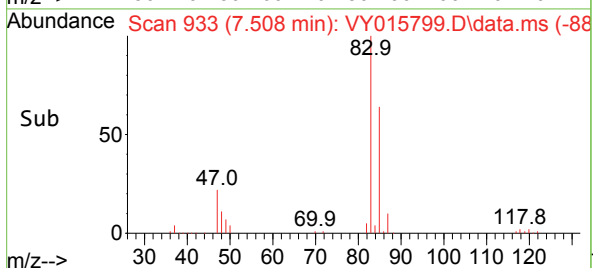
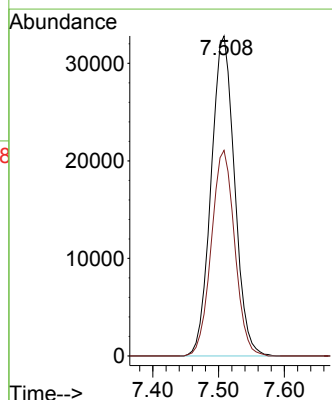
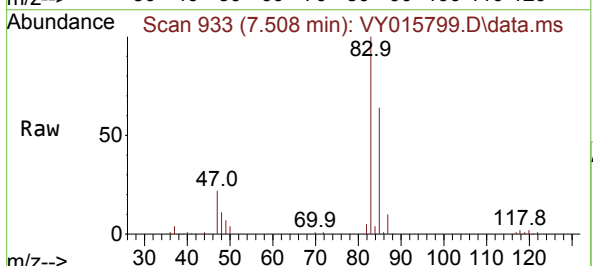
Acq: 03 Oct 2023 12:19

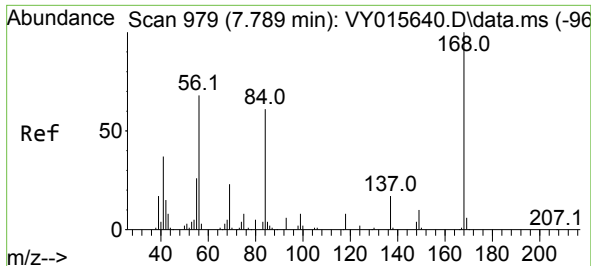
Tgt Ion: 83 Resp: 81407

Ion Ratio Lower Upper

83 100

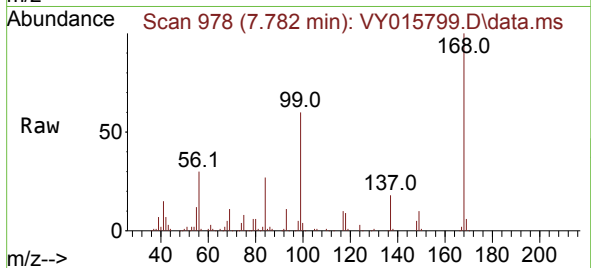
85 64.3 49.7 74.5



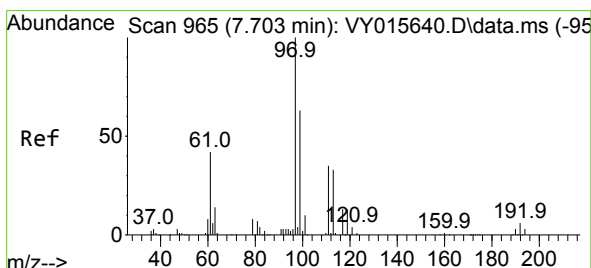
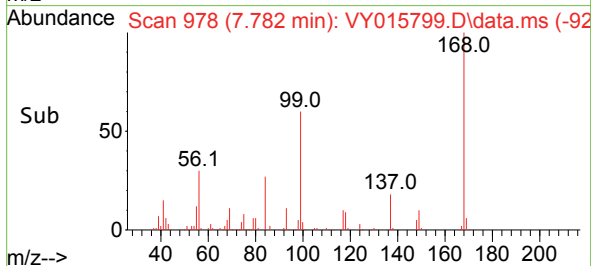
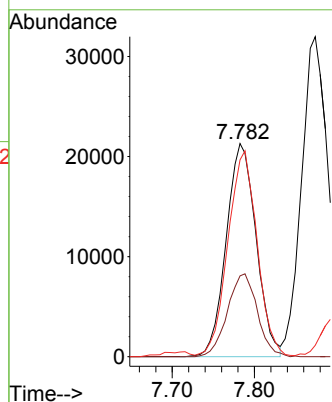


#31
Cyclohexane
Concen: 19.177 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Instrument :
MSVOA_Y
ClientSampleId :

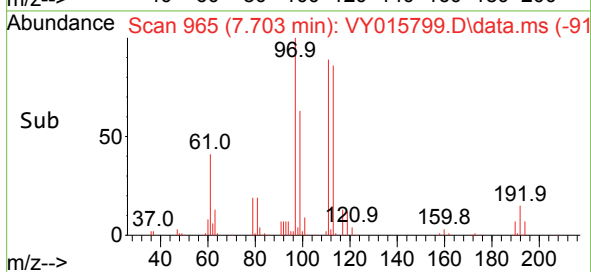
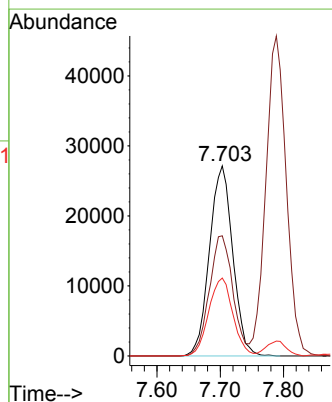
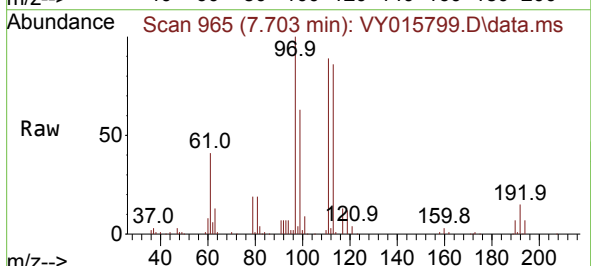


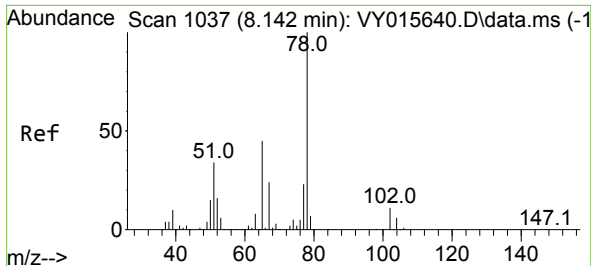
Tgt Ion: 56 Resp: 53890
Ion Ratio Lower Upper
56 100
69 37.9 27.8 41.6
84 90.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.155 ug/l
RT: 7.703 min Scan# 965
Delta R.T. 0.012 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 97 Resp: 69315
Ion Ratio Lower Upper
97 100
99 64.5 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 44.581 ug/l

RT: 8.142 min Scan# 1037

Delta R.T. 0.006 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

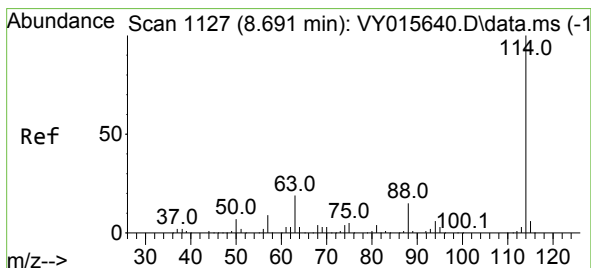
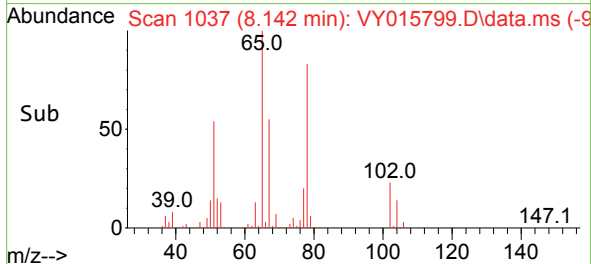
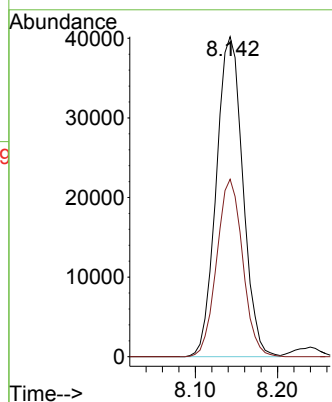
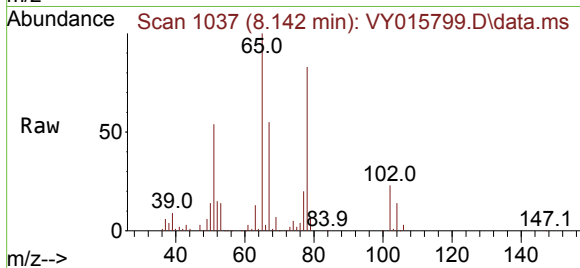
ClientSampleId :

Tgt Ion: 65 Resp: 90436

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

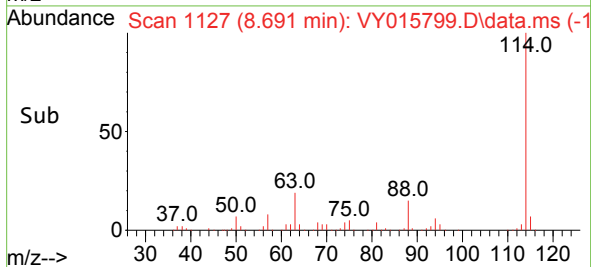
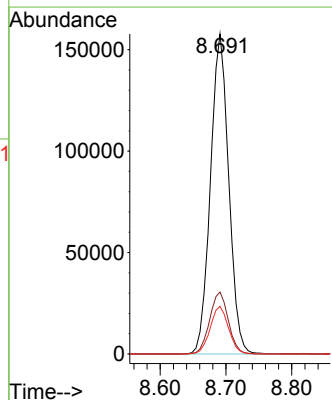
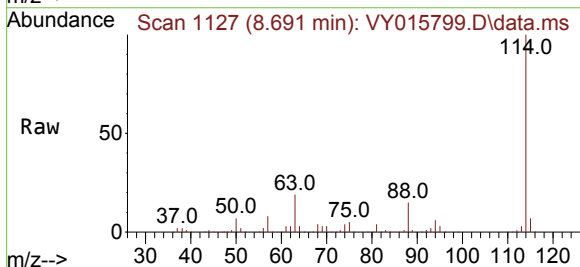
Tgt Ion: 114 Resp: 304748

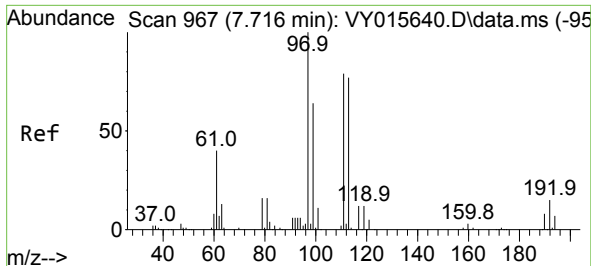
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.4

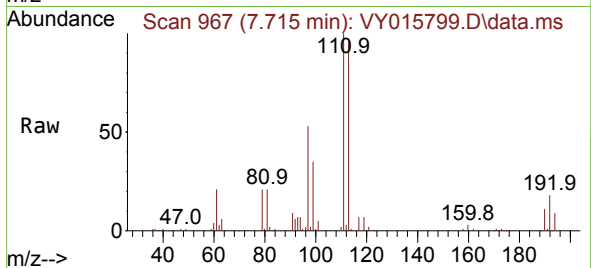
88 14.9 0.0 30.6



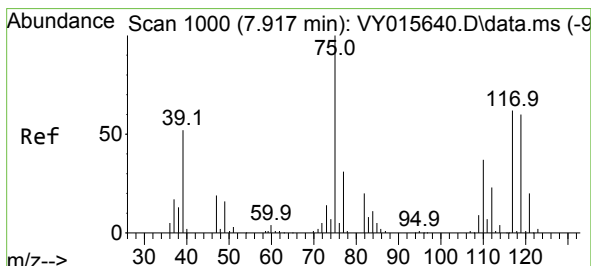
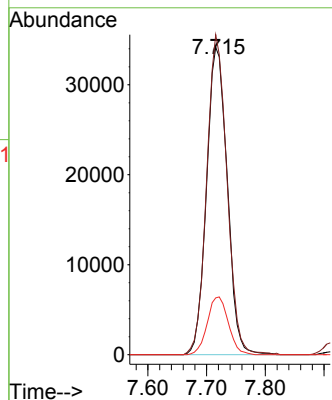
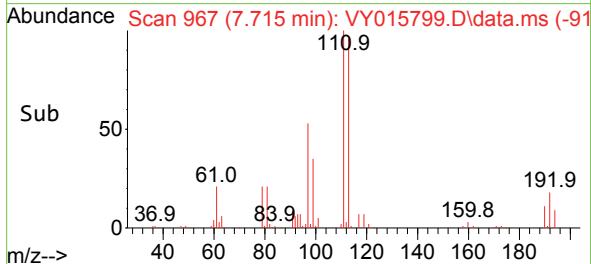


#35
Dibromofluoromethane
Concen: 45.845 ug/l
RT: 7.715 min Scan# 91
Delta R.T. -0.001 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

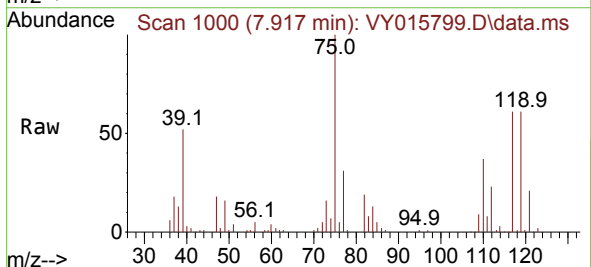
Instrument :
MSVOA_Y
ClientSampleId :



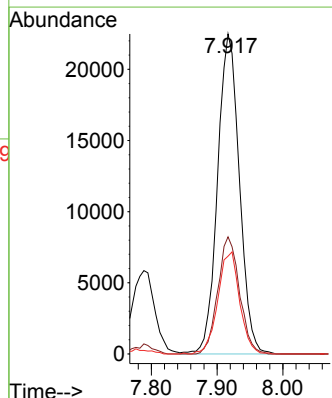
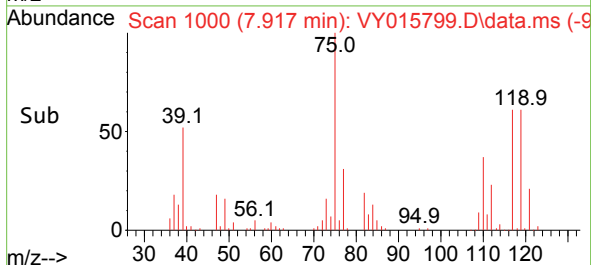
Tgt Ion:113 Resp: 83623
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.1 16.9 25.3

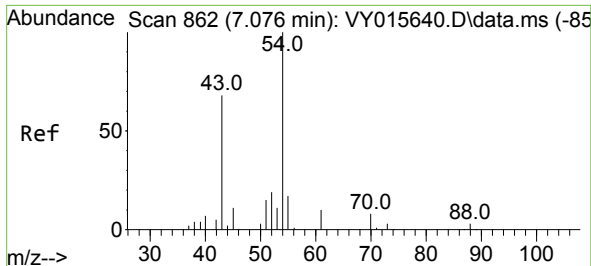


#36
1,1-Dichloropropene
Concen: 19.265 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19



Tgt Ion: 75 Resp: 51958
Ion Ratio Lower Upper
75 100
110 36.3 17.8 53.5
77 31.9 24.4 36.6





#37

Ethyl Acetate

Concen: 21.188 ug/l

RT: 7.081 min Scan# 862

Delta R.T. 0.018 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

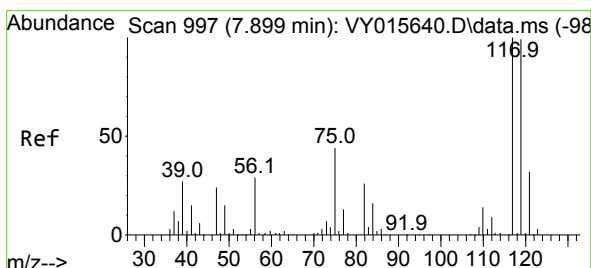
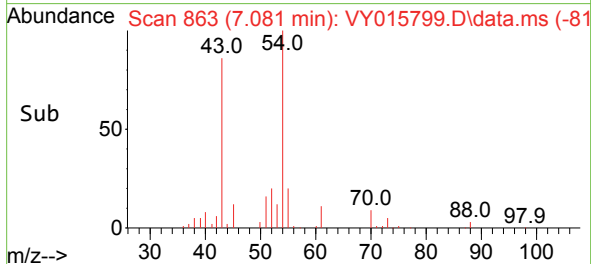
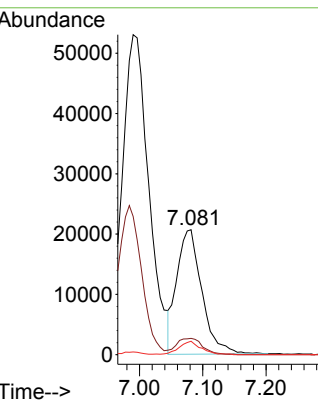
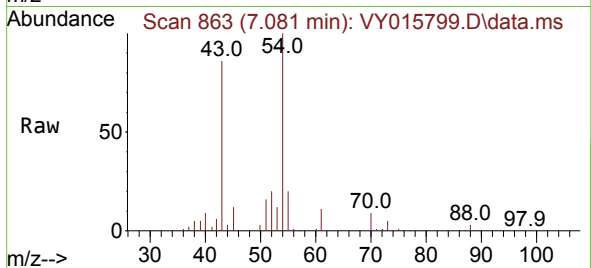
Tgt Ion: 43 Resp: 56999

Ion Ratio Lower Upper

43 100

61 13.6 10.1 15.1

70 9.6 7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.326 ug/l

RT: 7.904 min Scan# 998

Delta R.T. 0.011 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

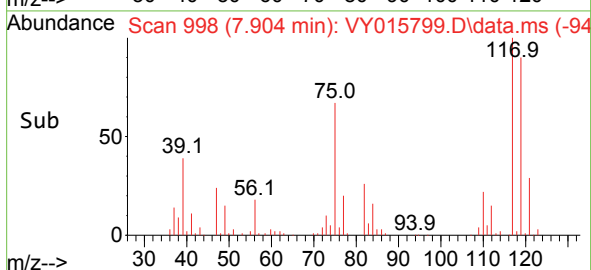
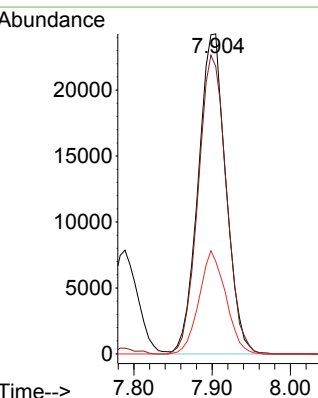
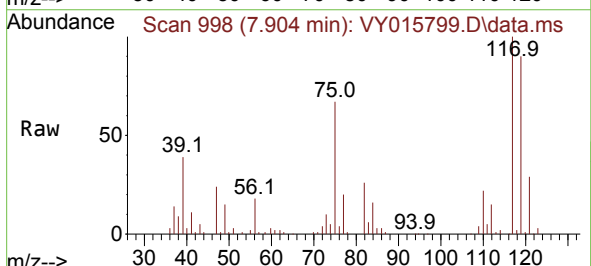
Tgt Ion: 117 Resp: 59505

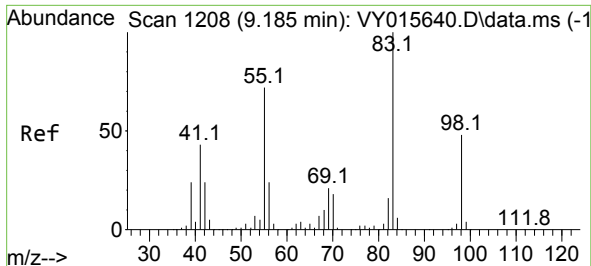
Ion Ratio Lower Upper

117 100

119 89.9 76.4 114.6

121 29.0 25.8 38.6





#39

Methylcyclohexane

Concen: 19.673 ug/l

RT: 9.185 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

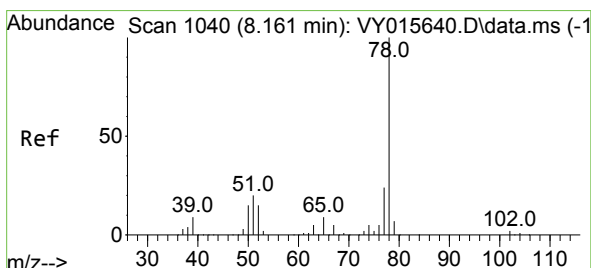
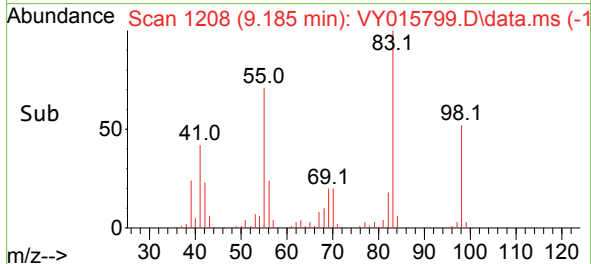
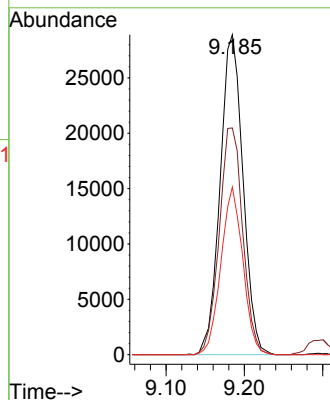
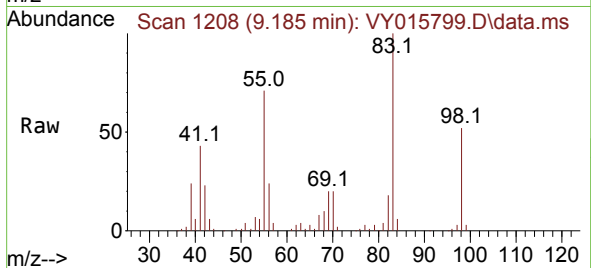
Tgt Ion: 83 Resp: 58684

Ion Ratio Lower Upper

83 100

55 70.8 63.0 94.4

98 52.4 37.4 56.2



#40

Benzene

Concen: 19.496 ug/l

RT: 8.160 min Scan# 1040

Delta R.T. 0.011 min

Lab File: VY015799.D

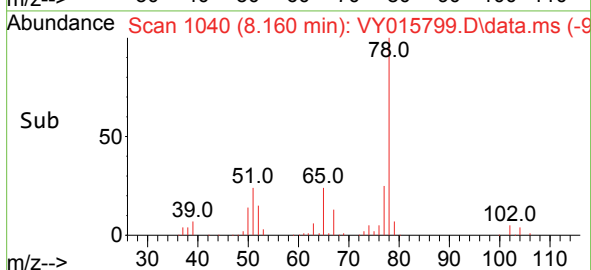
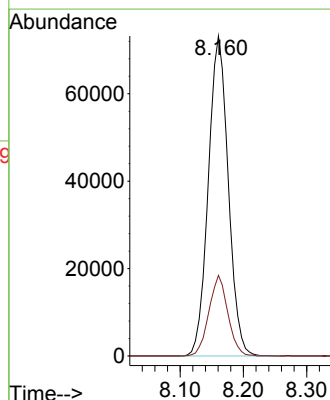
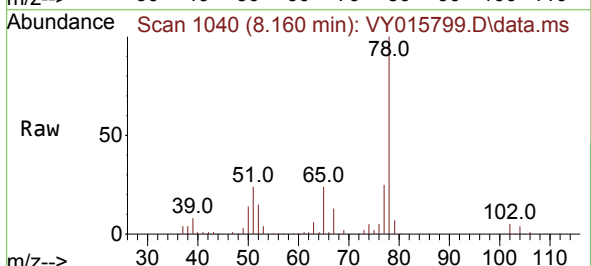
Acq: 03 Oct 2023 12:19

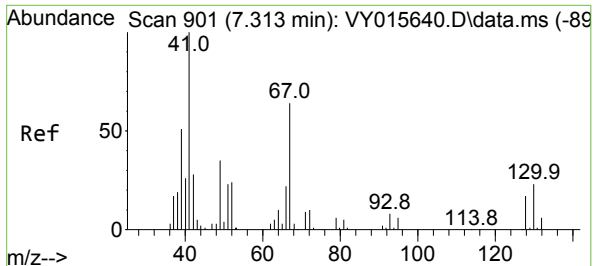
Tgt Ion: 78 Resp: 160349

Ion Ratio Lower Upper

78 100

77 25.2 19.0 28.6

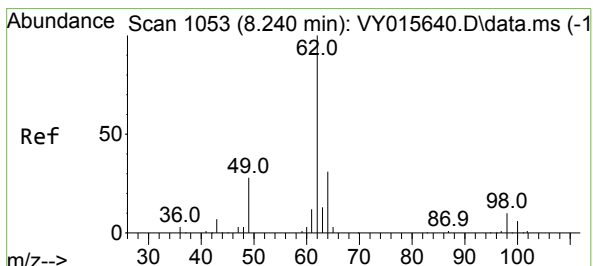
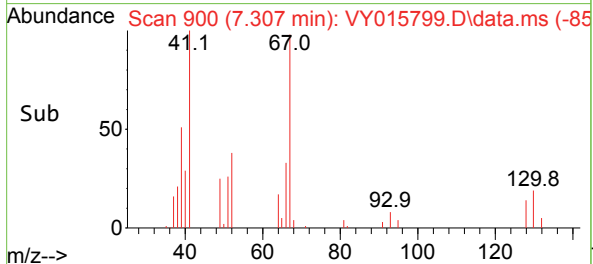
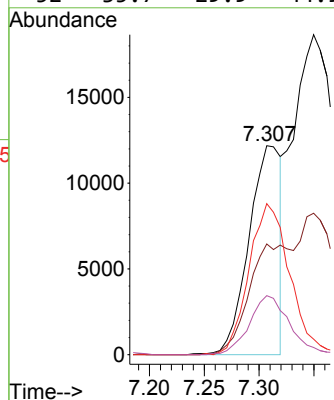
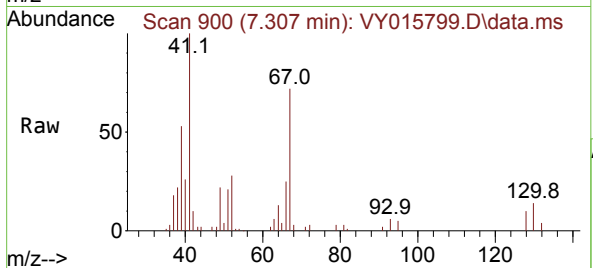




#41
Methacrylonitrile
Concen: 17.138 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

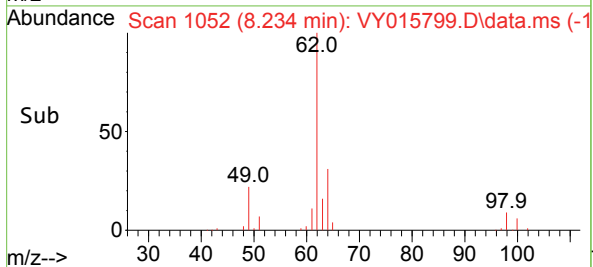
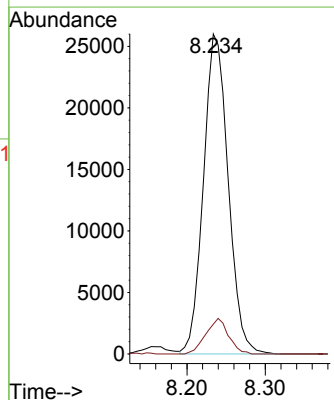
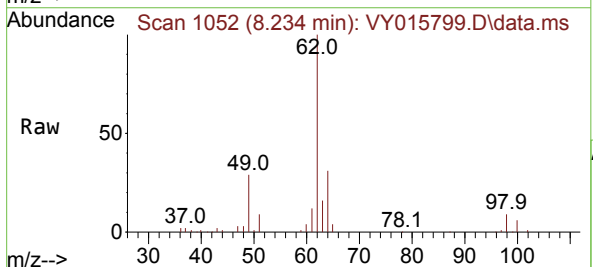
Instrument :
MSVOA_Y
ClientSampleId :

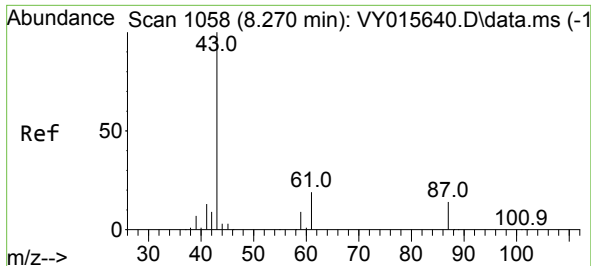
Tgt Ion: 41	Resp: 24824
Ion Ratio	Lower Upper
41 100	
39 71.7	52.1 78.1
67 92.7	66.2 99.2
52 35.7	29.9 44.9



#42
1,2-Dichloroethane
Concen: 20.246 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 62	Resp: 57029
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 15.8

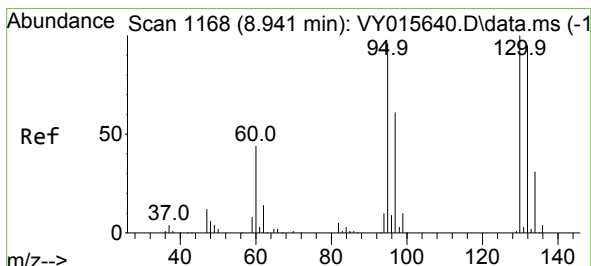
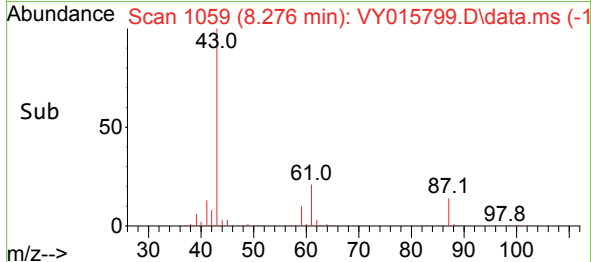
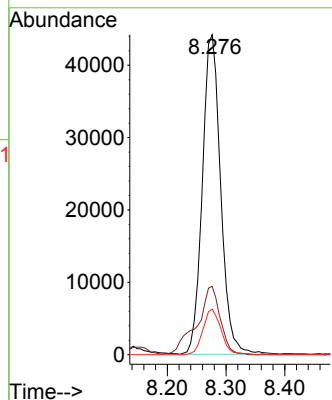
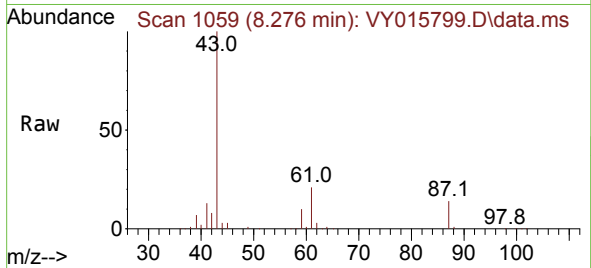




#43
Isopropyl Acetate
Concen: 20.851 ug/l
RT: 8.276 min Scan# 1059
Delta R.T. 0.012 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

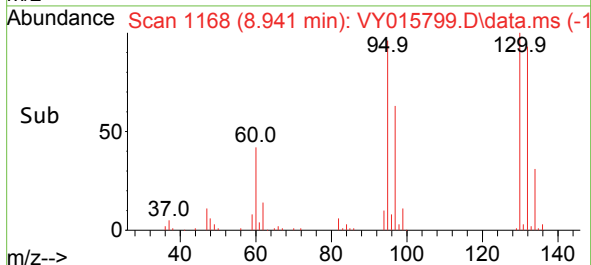
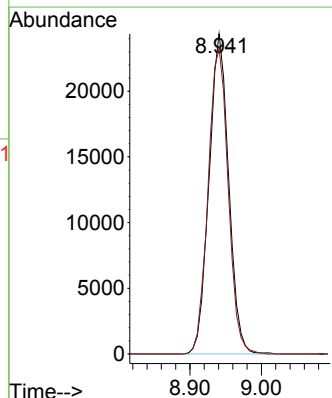
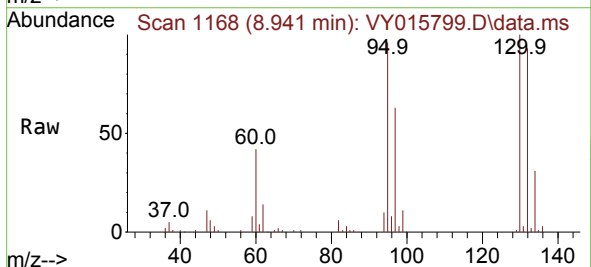
Instrument :
MSVOA_Y
ClientSampleId :

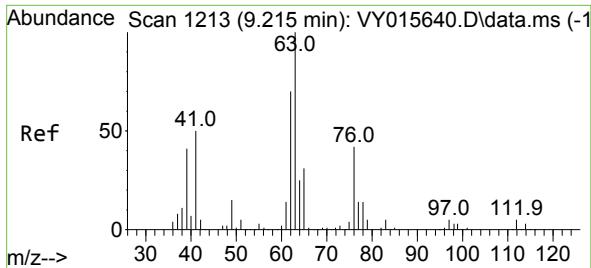
Tgt Ion: 43 Resp: 95816
Ion Ratio Lower Upper
43 100
61 27.3 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 20.194 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 130 Resp: 46389
Ion Ratio Lower Upper
130 100
95 95.6 0.0 196.0

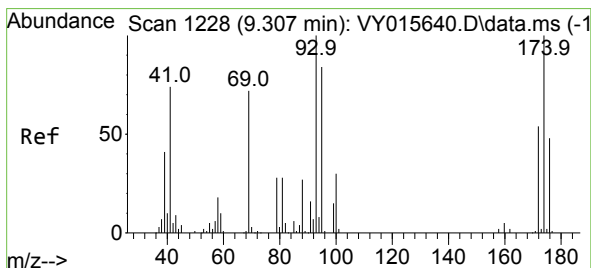
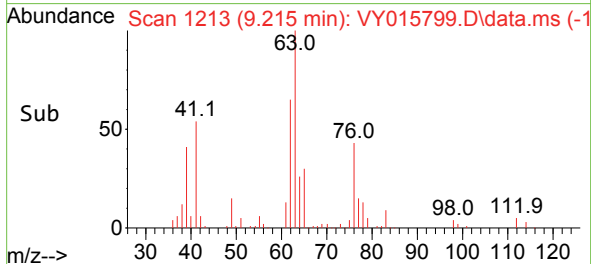
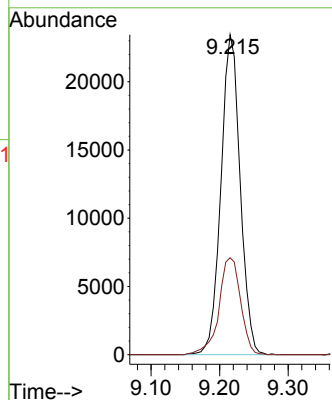
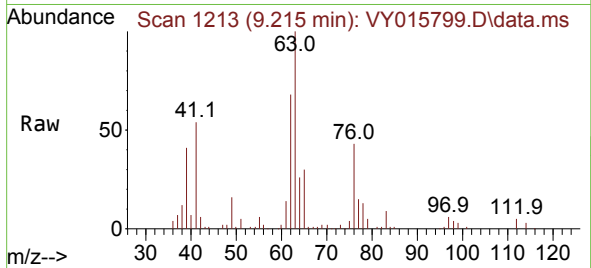




#45
1,2-Dichloropropane
Concen: 19.897 ug/l
RT: 9.215 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

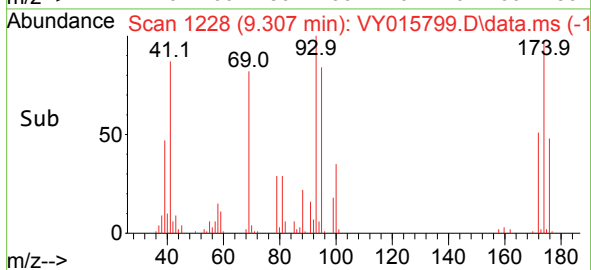
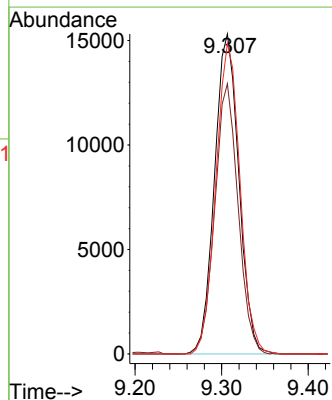
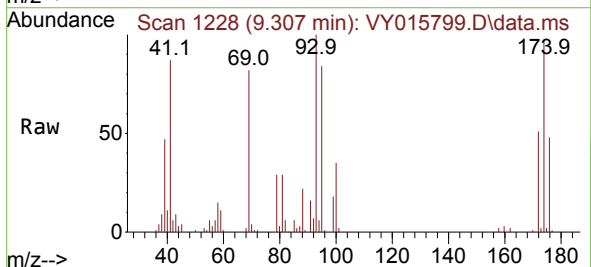
Instrument :
MSVOA_Y
ClientSampleId :

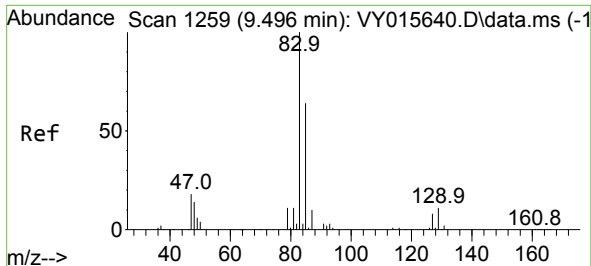
Tgt Ion: 63 Resp: 45636
Ion Ratio Lower Upper
63 100
65 30.3 23.8 35.6



#46
Dibromomethane
Concen: 20.329 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

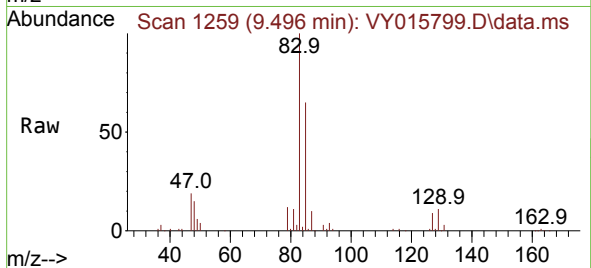
Tgt Ion: 93 Resp: 29825
Ion Ratio Lower Upper
93 100
95 81.2 66.6 100.0
174 96.5 84.8 127.2



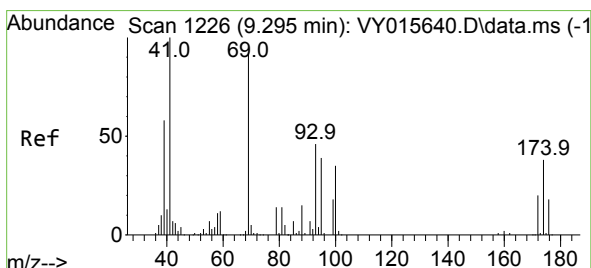
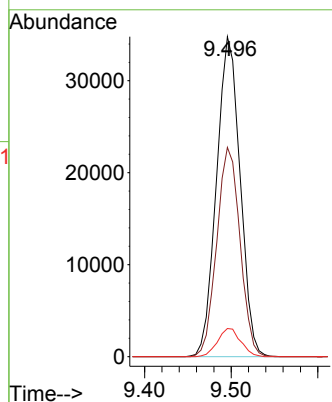
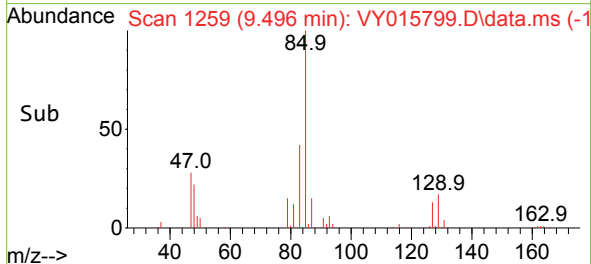


#47
Bromodichloromethane
Concen: 20.146 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Instrument :
MSVOA_Y
ClientSampleId :

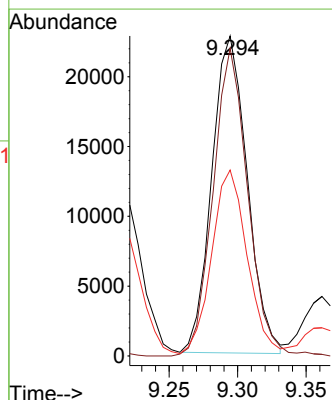
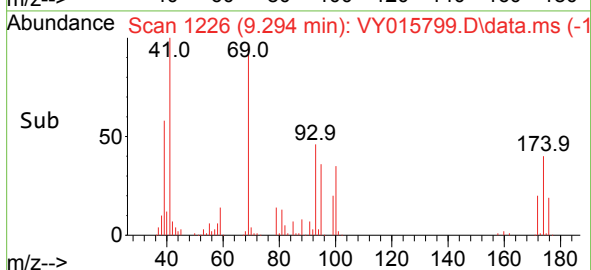
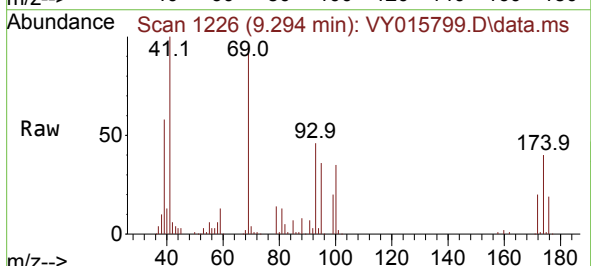


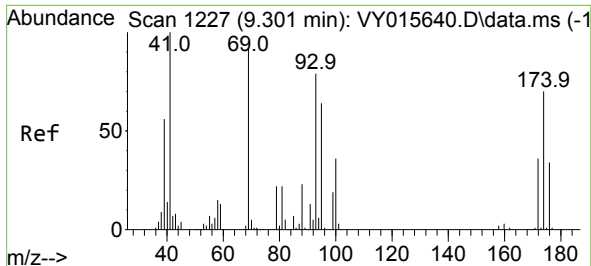
Tgt Ion: 83 Resp: 65882
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 8.8 7.1 10.7



#48
Methyl methacrylate
Concen: 20.241 ug/l
RT: 9.294 min Scan# 1226
Delta R.T. 0.005 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 41 Resp: 40826
Ion Ratio Lower Upper
41 100
69 95.0 64.5 96.7
39 59.2 50.8 76.2





#49

1,4-Dioxane

Concen: 475.118 ug/l

RT: 9.319 min Scan# 1227

Delta R.T. 0.030 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

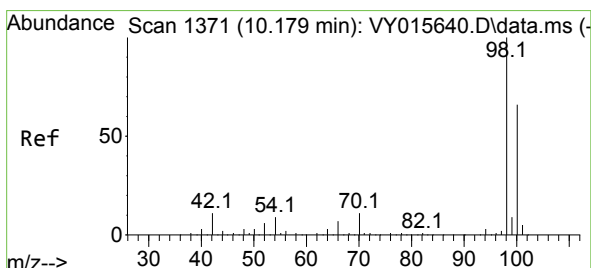
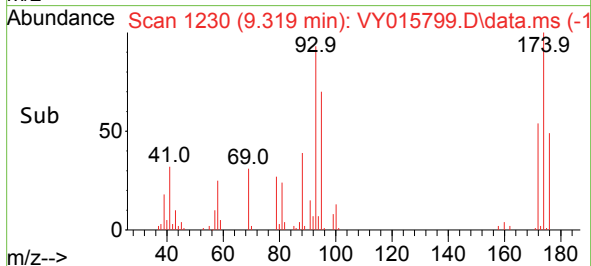
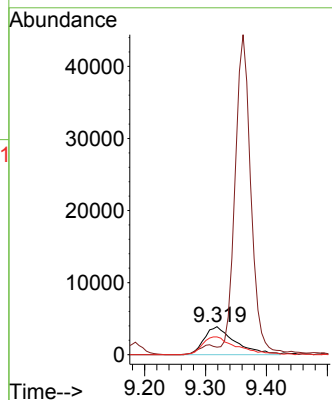
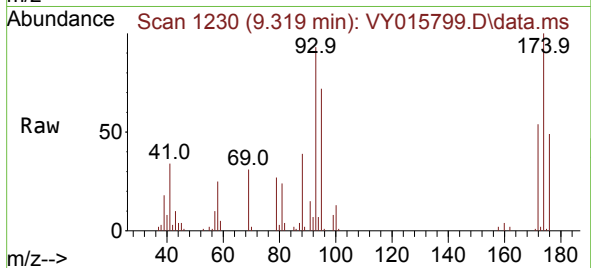
Tgt Ion: 88 Resp: 13771

Ion Ratio Lower Upper

88 100

43 19.9 0.0 0.0#

58 69.6 30.9 46.3#



#50

Toluene-d8

Concen: 47.095 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY015799.D

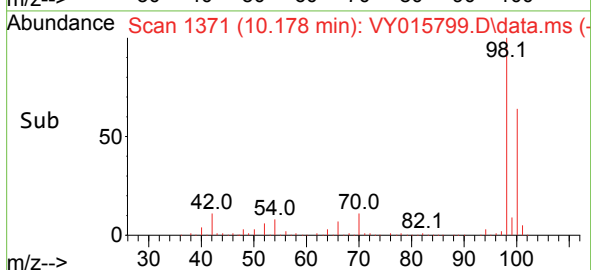
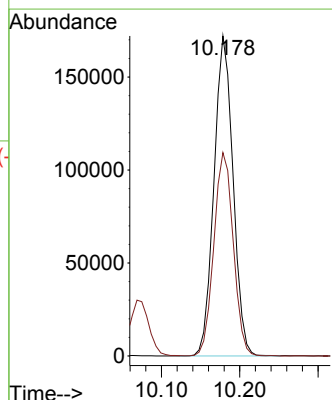
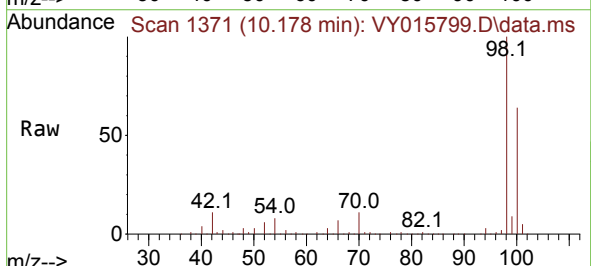
Acq: 03 Oct 2023 12:19

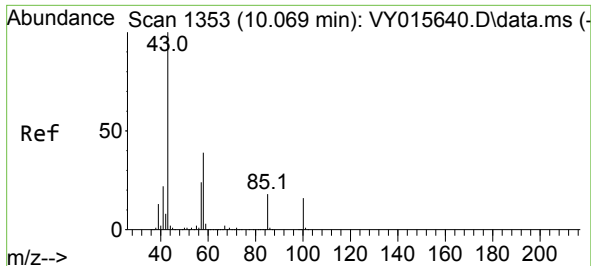
Tgt Ion: 98 Resp: 291261

Ion Ratio Lower Upper

98 100

100 64.7 50.1 75.1

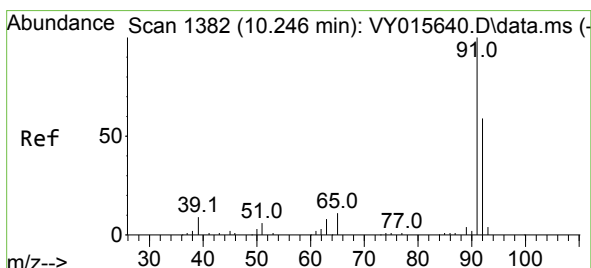
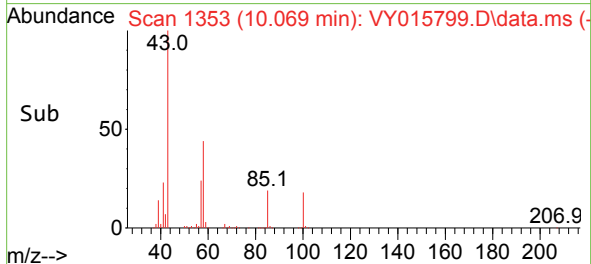
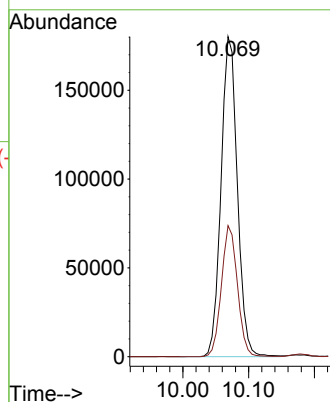
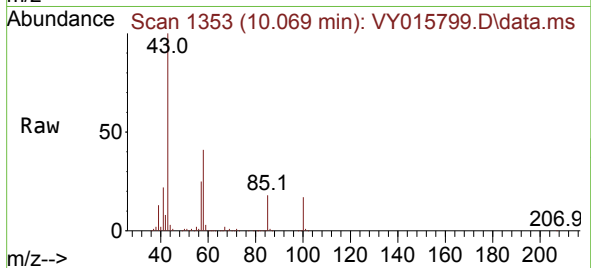




#51
4-Methyl-2-Pentanone
Concen: 109.176 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

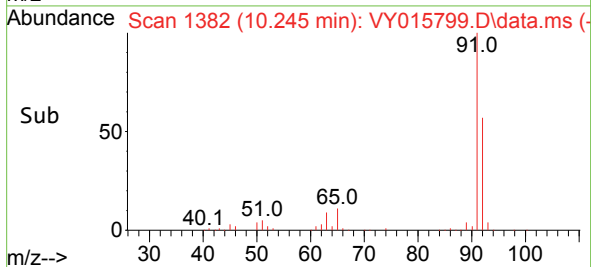
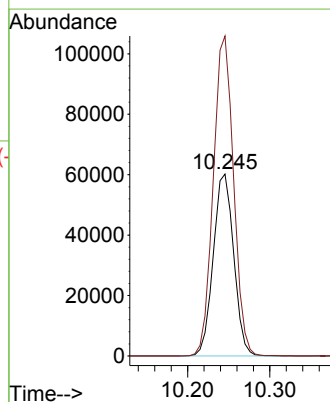
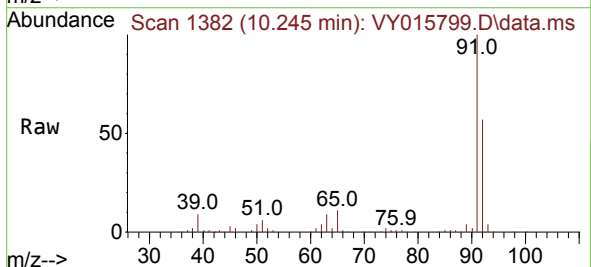
Instrument :
MSVOA_Y
ClientSampleId :

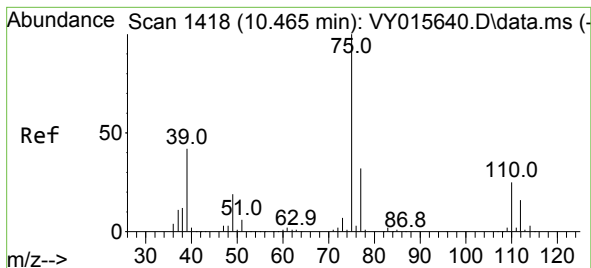
Tgt Ion: 43 Resp: 310954
Ion Ratio Lower Upper
43 100
58 40.2 29.0 43.6



#52
Toluene
Concen: 19.583 ug/l
RT: 10.245 min Scan# 1382
Delta R.T. 0.005 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 92 Resp: 103835
Ion Ratio Lower Upper
92 100
91 174.6 143.8 215.6

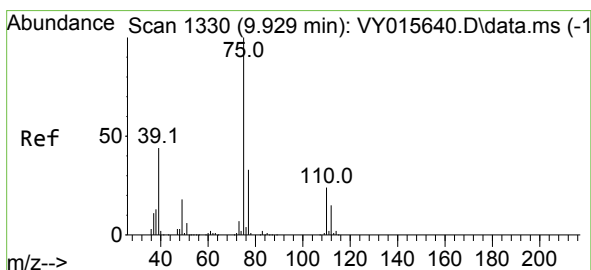
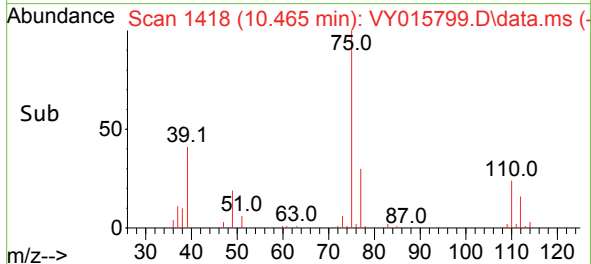
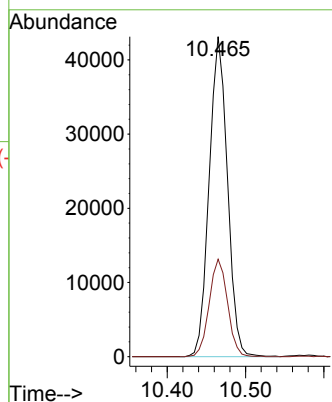
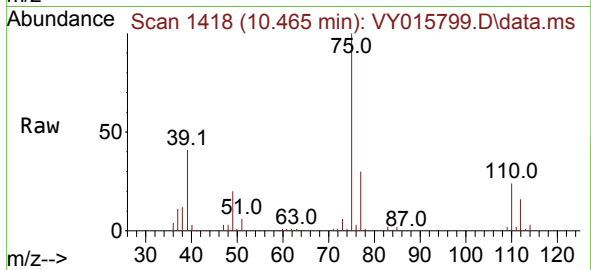




#53
 t-1,3-Dichloropropene
 Concen: 19.914 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY015799.D
 Acq: 03 Oct 2023 12:19

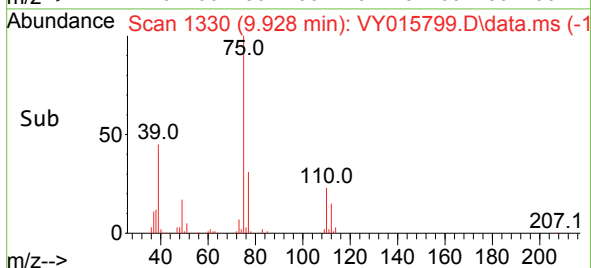
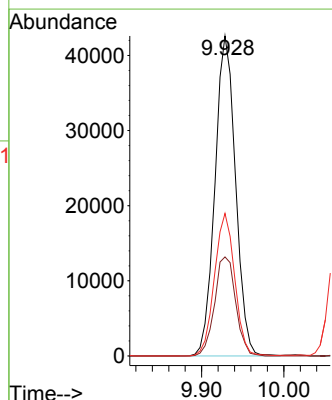
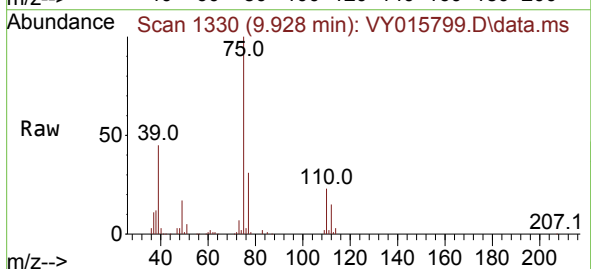
Instrument :
 MSVOA_Y
 ClientSampleId :

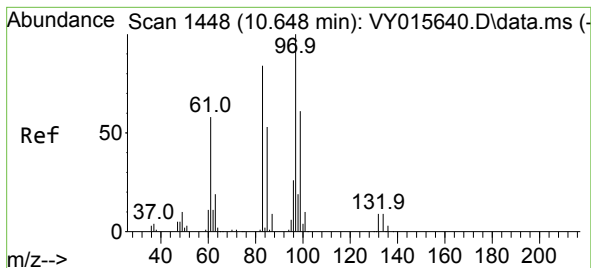
Tgt Ion: 75 Resp: 69835
 Ion Ratio Lower Upper
 75 100
 77 30.5 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 19.616 ug/l
 RT: 9.928 min Scan# 1330
 Delta R.T. 0.005 min
 Lab File: VY015799.D
 Acq: 03 Oct 2023 12:19

Tgt Ion: 75 Resp: 74047
 Ion Ratio Lower Upper
 75 100
 77 30.9 24.2 36.4
 39 44.5 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.816 ug/l

RT: 10.642 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 44756

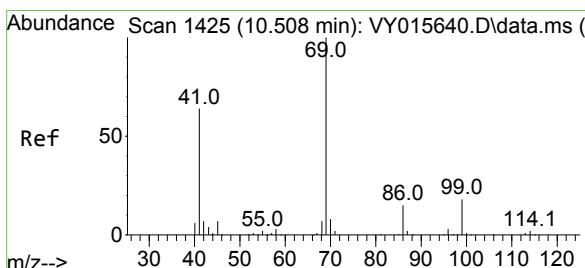
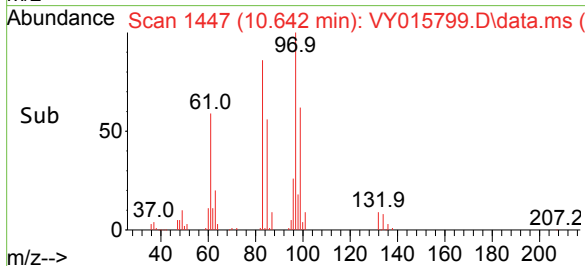
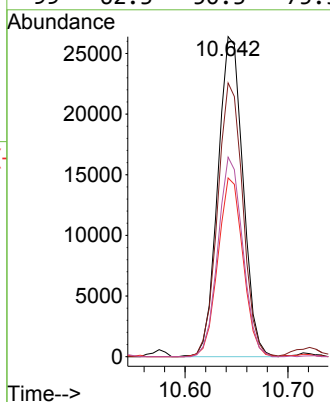
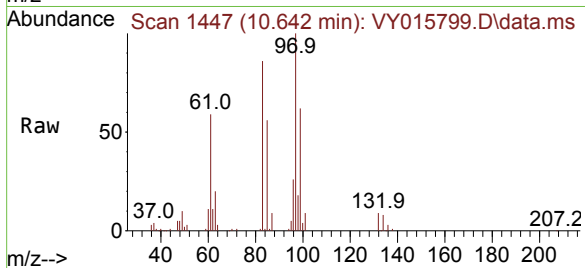
Ion Ratio Lower Upper

97 100

83 85.6 72.0 108.0

85 55.9 45.4 68.0

99 62.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.768 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

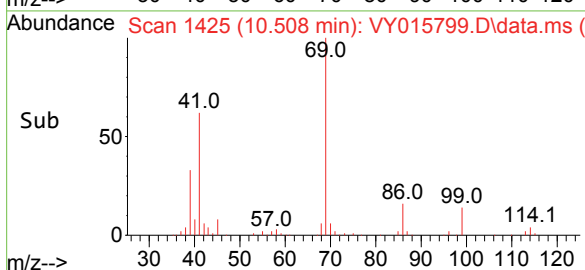
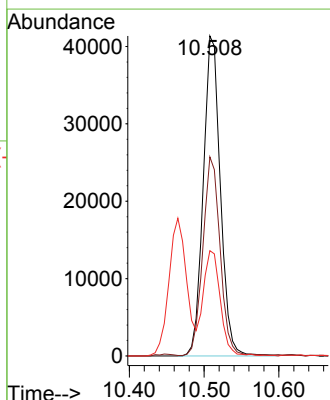
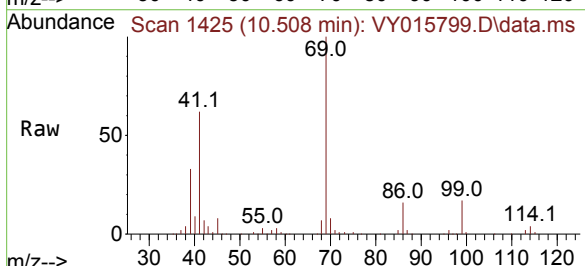
Tgt Ion: 69 Resp: 65803

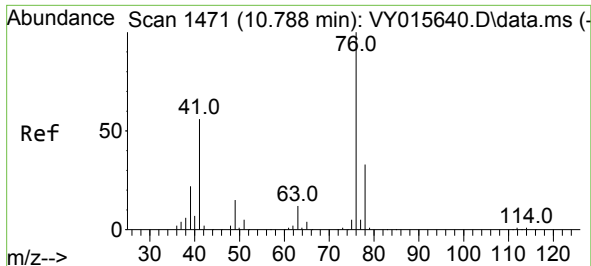
Ion Ratio Lower Upper

69 100

41 62.4 57.6 86.4

39 32.2 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.353 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

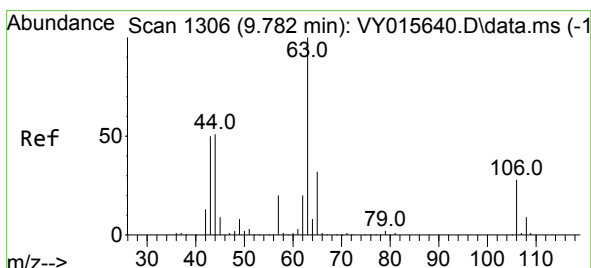
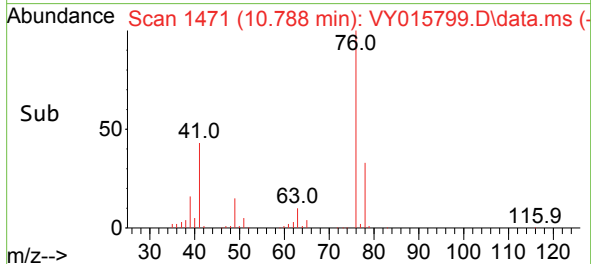
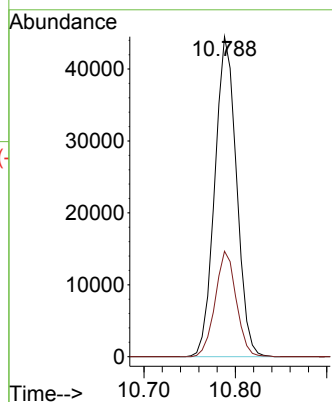
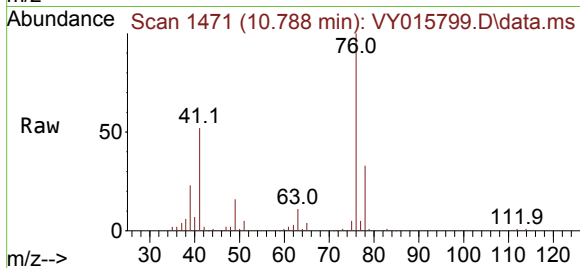
ClientSampleId :

Tgt Ion: 76 Resp: 73384

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 63.696 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015799.D

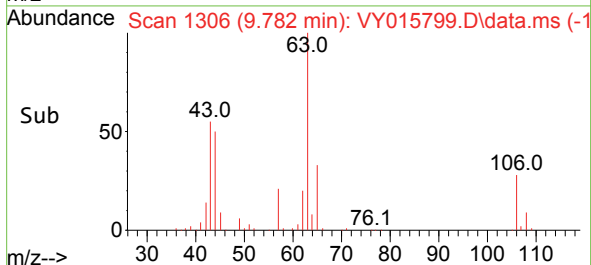
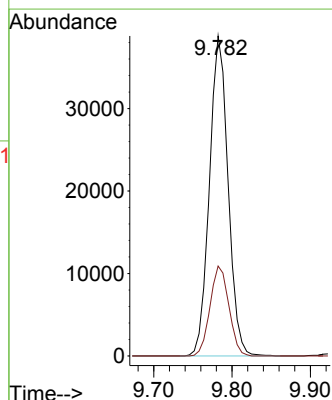
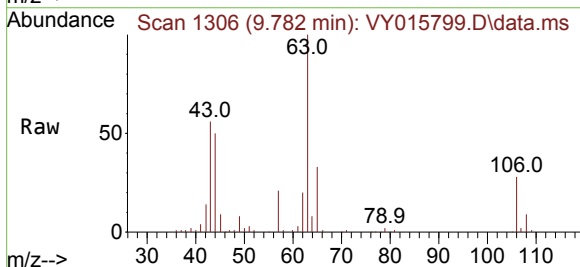
Acq: 03 Oct 2023 12:19

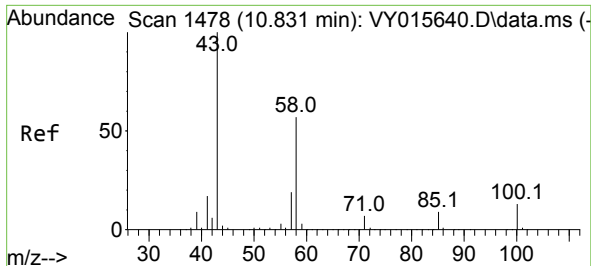
Tgt Ion: 63 Resp: 64107

Ion Ratio Lower Upper

63 100

106 28.3 21.2 31.8

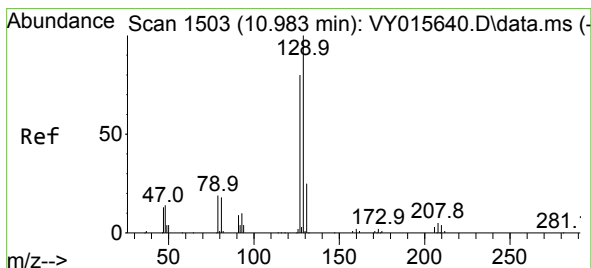
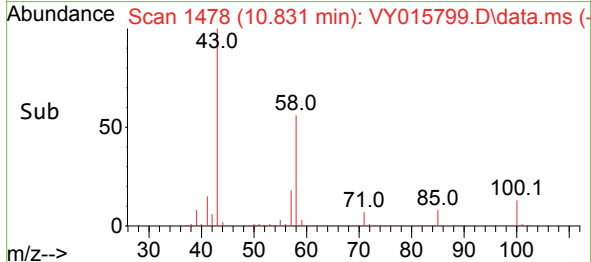
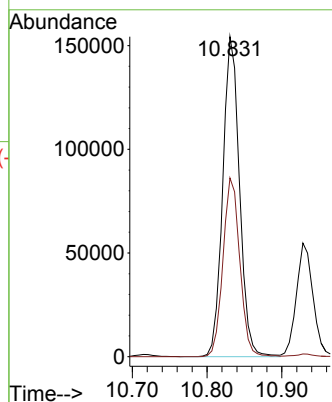
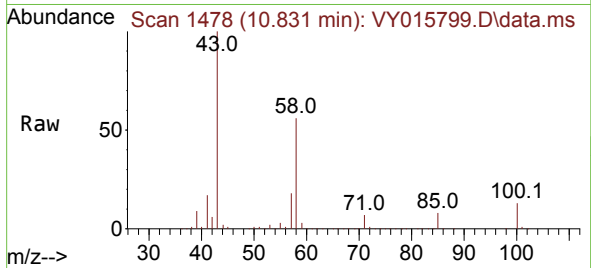




#59
2-Hexanone
Concen: 110.278 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

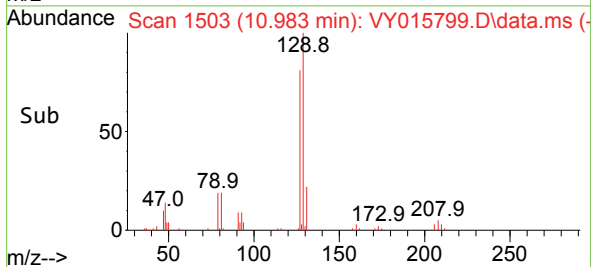
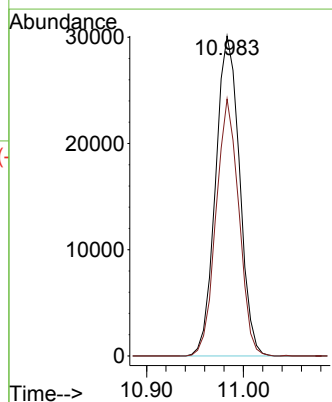
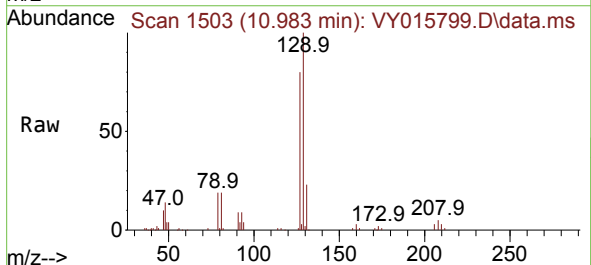
Instrument :
MSVOA_Y
ClientSampleId :

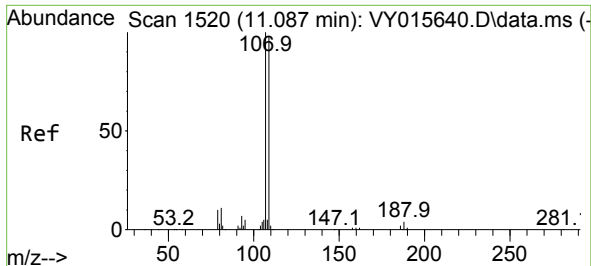
Tgt Ion: 43 Resp: 240976
Ion Ratio Lower Upper
43 100
58 56.0 25.1 75.3



#60
Dibromochloromethane
Concen: 20.608 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 129 Resp: 51722
Ion Ratio Lower Upper
129 100
127 76.5 38.5 115.5

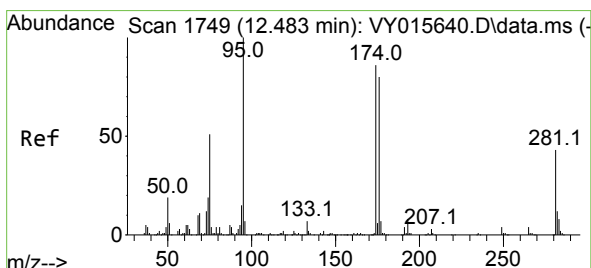
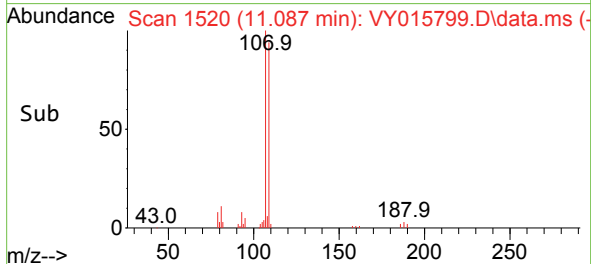
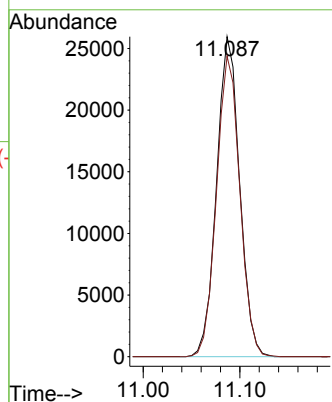
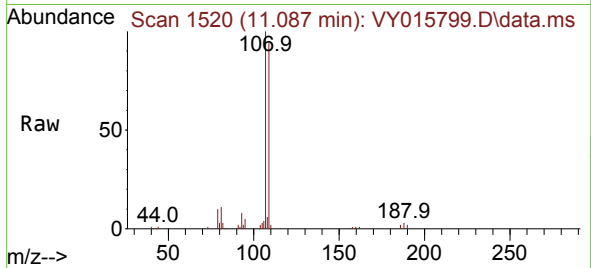




#61
1,2-Dibromoethane
Concen: 20.379 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

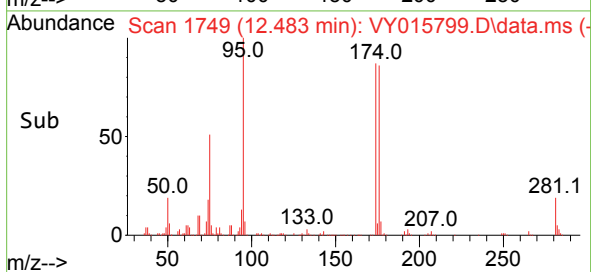
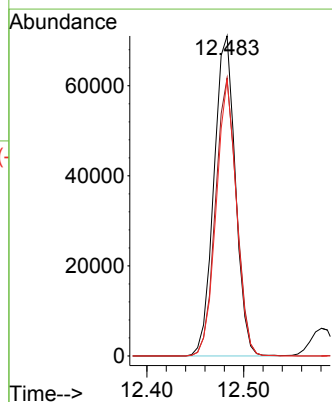
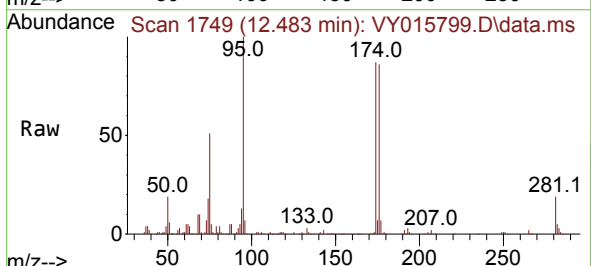
Instrument :
MSVOA_Y
ClientSampleId :

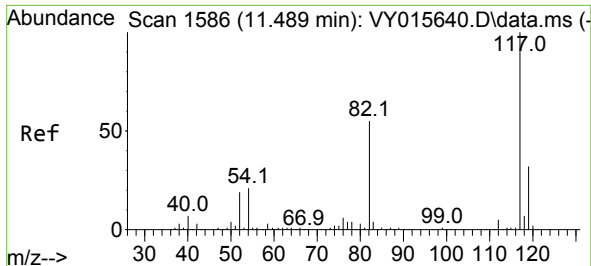
Tgt Ion:107 Resp: 42864
Ion Ratio Lower Upper
107 100
109 95.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.104 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 95 Resp: 109470
Ion Ratio Lower Upper
95 100
174 84.8 0.0 178.2
176 81.7 0.0 173.8

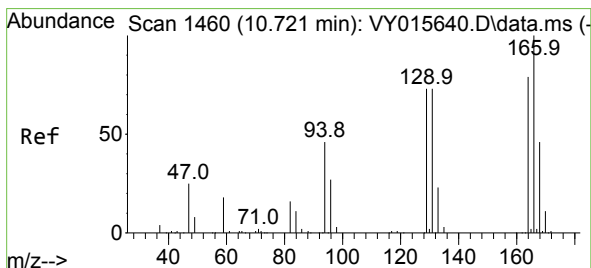
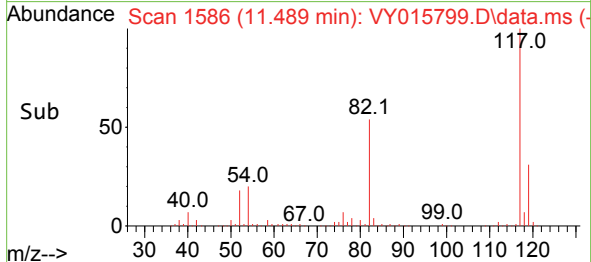
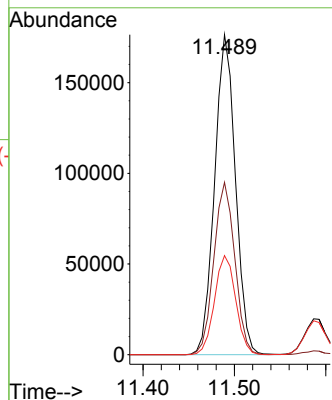
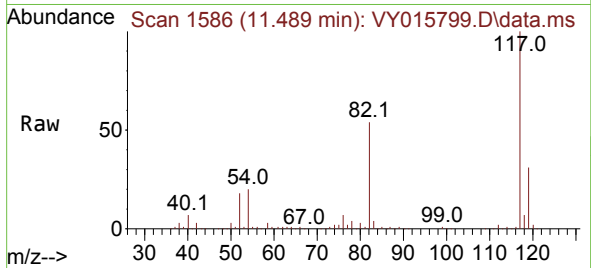




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

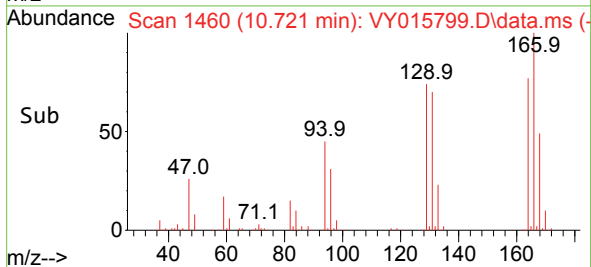
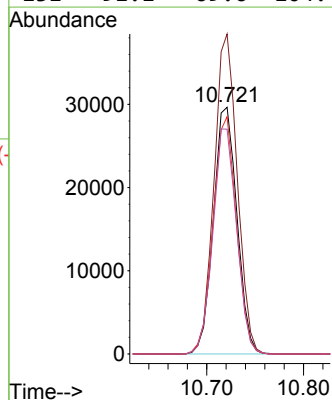
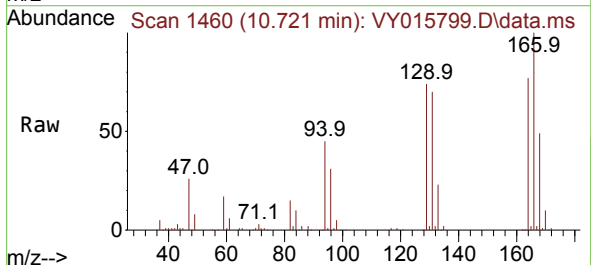
Instrument :
MSVOA_Y
ClientSampleId :

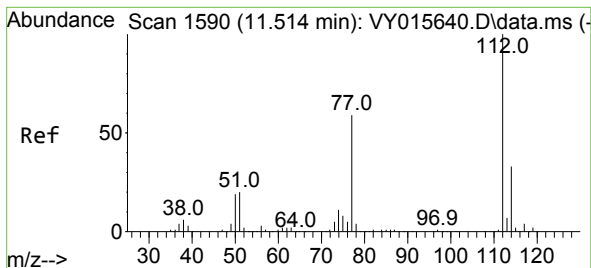
Tgt Ion:117 Resp: 279503
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 31.0 26.3 39.5



#64
Tetrachloroethene
Concen: 20.930 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

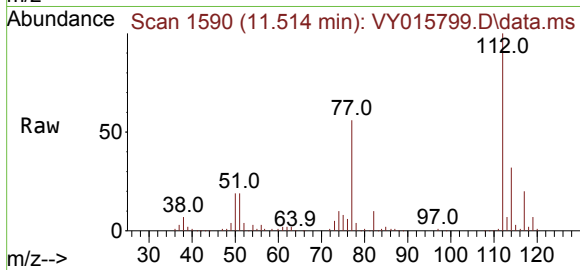
Tgt Ion:164 Resp: 50191
Ion Ratio Lower Upper
164 100
166 129.7 103.0 154.6
129 96.2 77.2 115.8
131 91.1 69.6 104.4



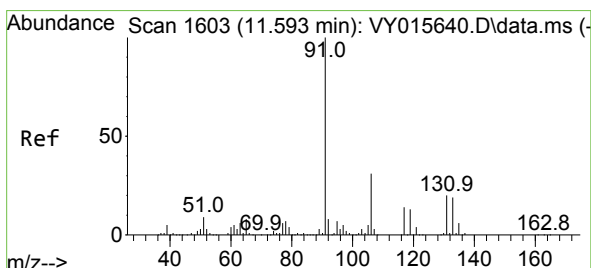
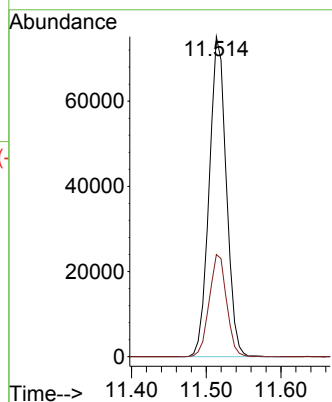
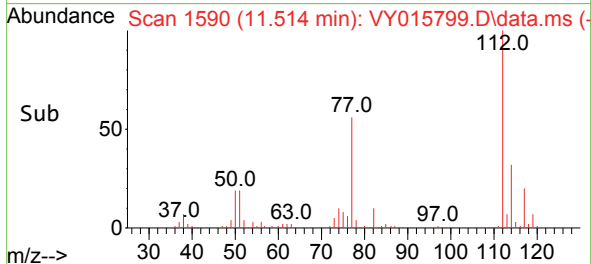


#65
Chlorobenzene
Concen: 19.576 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Instrument :
MSVOA_Y
ClientSampleId :

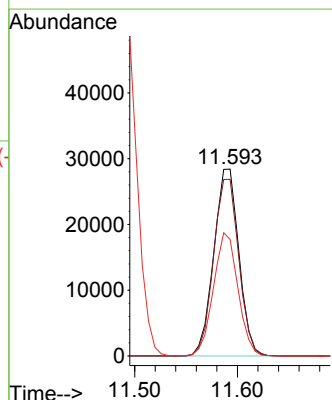
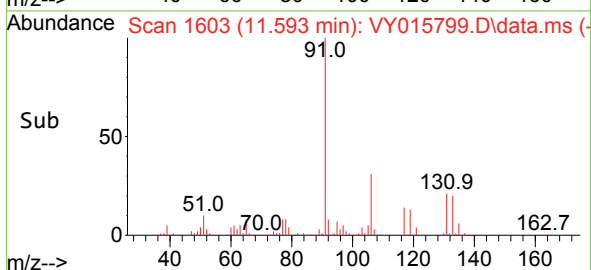
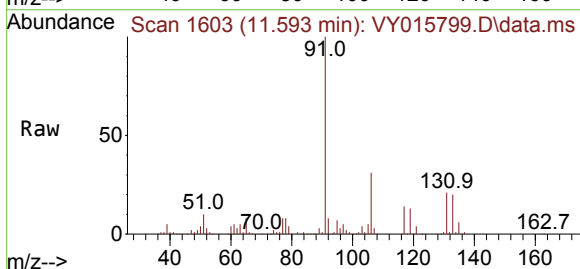


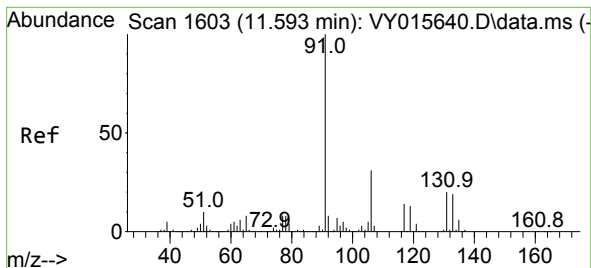
Tgt Ion:112 Resp: 119431
Ion Ratio Lower Upper
112 100
114 31.9 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.269 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion:131 Resp: 48035
Ion Ratio Lower Upper
131 100
133 95.4 47.5 142.6
119 64.6 31.6 94.7





#67

Ethyl Benzene

Concen: 19.795 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

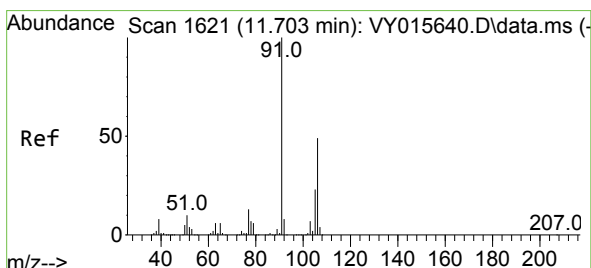
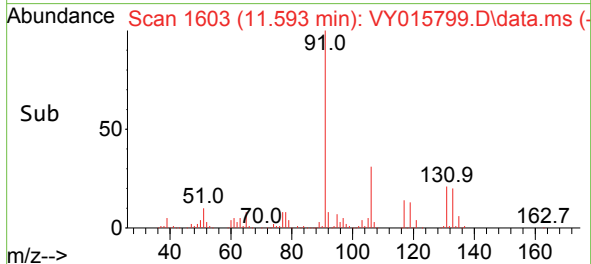
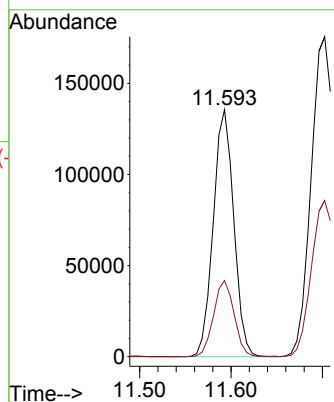
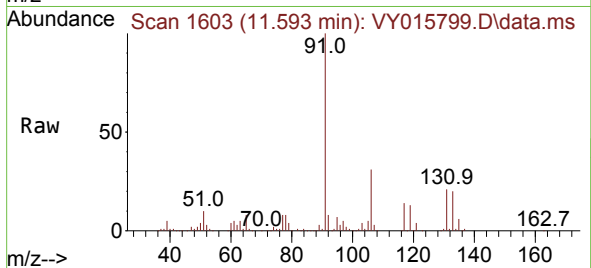
ClientSampleId :

Tgt Ion: 91 Resp: 211091

Ion Ratio Lower Upper

91 100

106 30.8 24.6 36.8



#68

m/p-Xylenes

Concen: 39.230 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015799.D

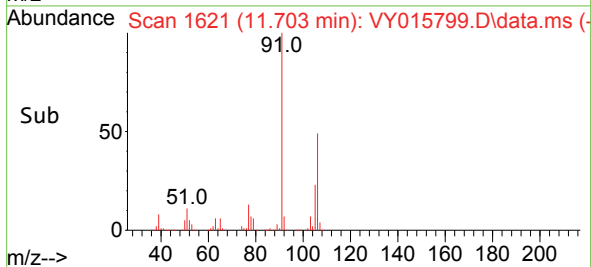
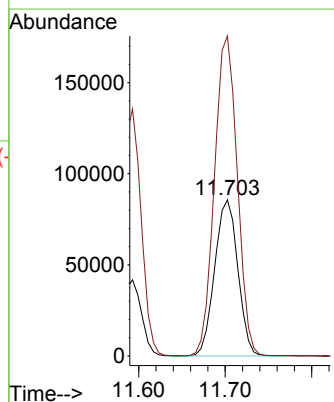
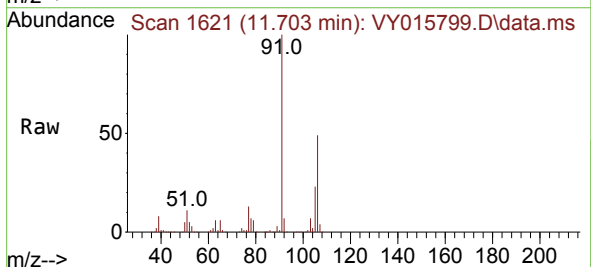
Acq: 03 Oct 2023 12:19

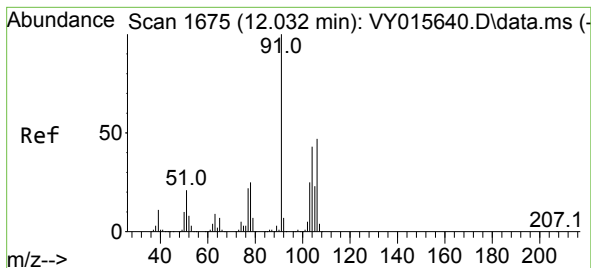
Tgt Ion:106 Resp: 159005

Ion Ratio Lower Upper

106 100

91 201.9 166.1 249.1





#69

o-Xylene

Concen: 19.633 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

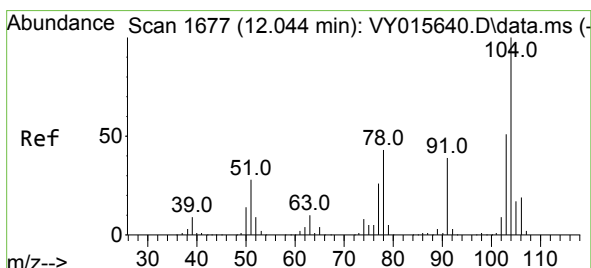
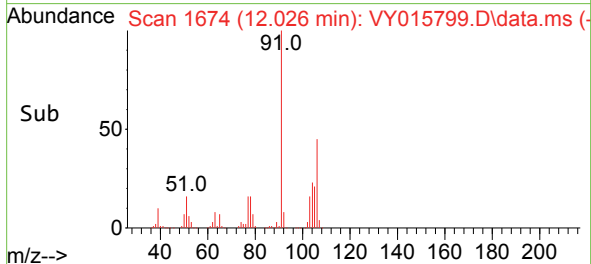
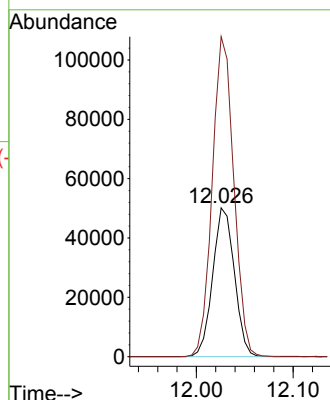
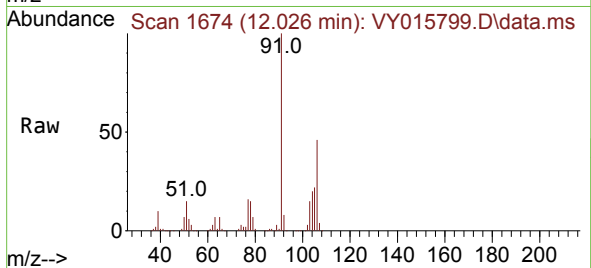
ClientSampleId :

Tgt Ion:106 Resp: 78030

Ion Ratio Lower Upper

106 100

91 213.7 108.1 324.3



#70

Styrene

Concen: 20.114 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

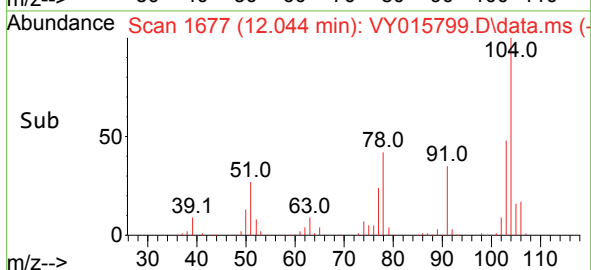
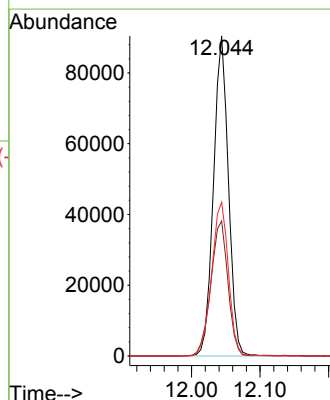
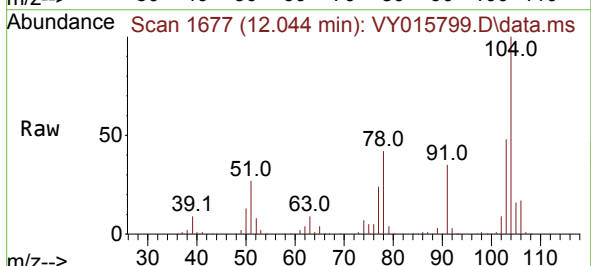
Tgt Ion:104 Resp: 136839

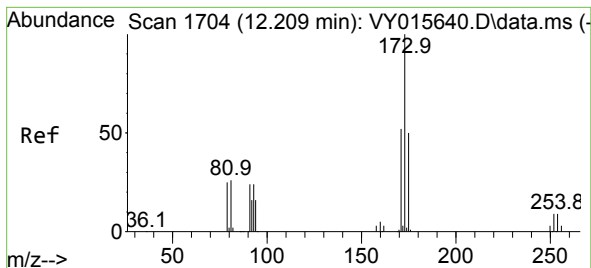
Ion Ratio Lower Upper

104 100

78 48.3 41.5 62.3

103 53.9 44.6 67.0





#71

Bromoform

Concen: 21.251 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015799.D

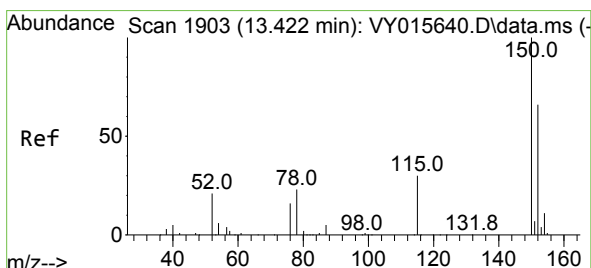
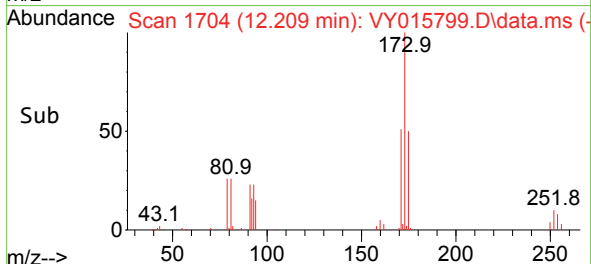
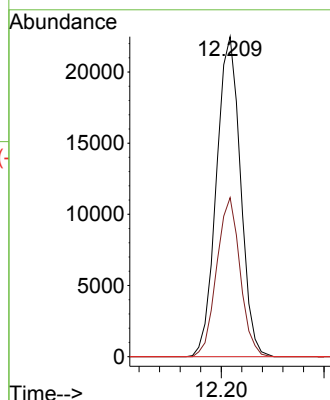
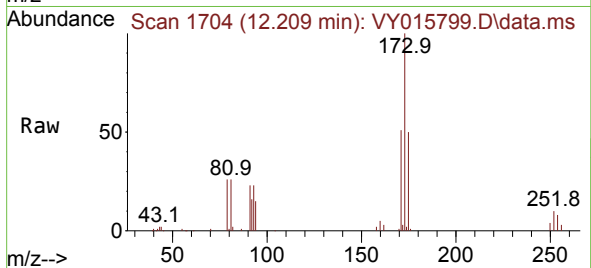
Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	36495
Ion Ratio	Lower	Upper
173	100	
175	48.3	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

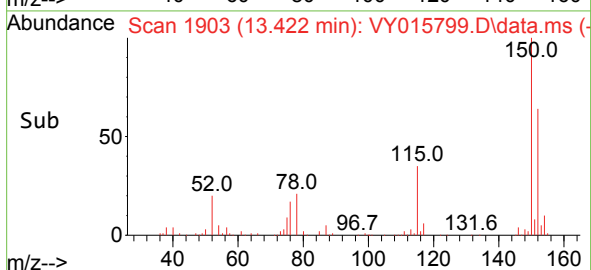
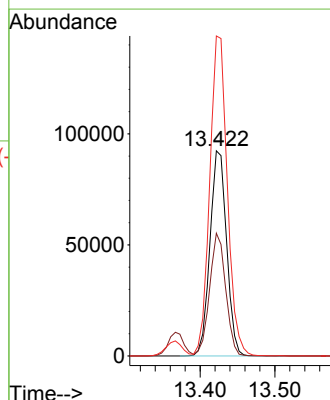
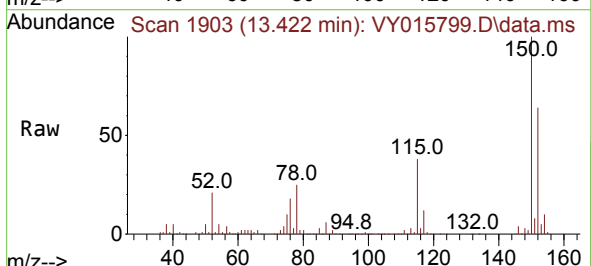
RT: 13.422 min Scan# 1903

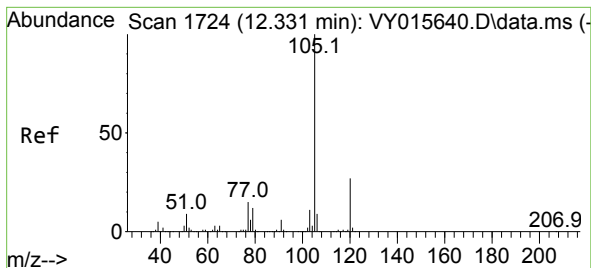
Delta R.T. -0.000 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Tgt Ion:152	Resp:	142795
Ion Ratio	Lower	Upper
152	100	
115	57.9	28.8 86.5
150	164.3	0.0 348.8





#73

Isopropylbenzene

Concen: 20.038 ug/l

RT: 12.330 min Scan# 1

Delta R.T. 0.005 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

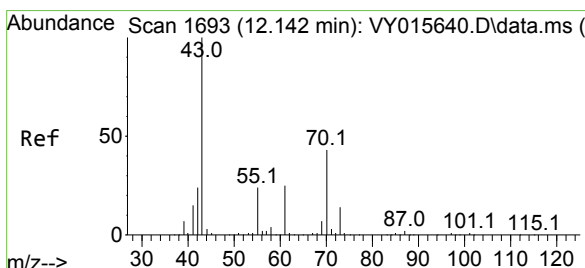
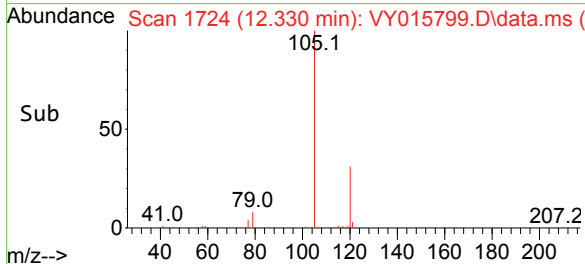
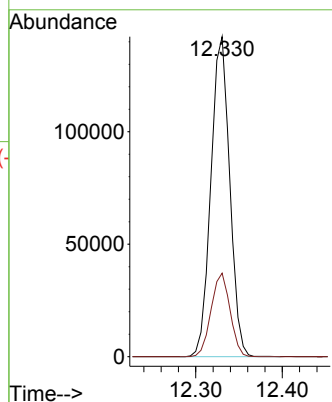
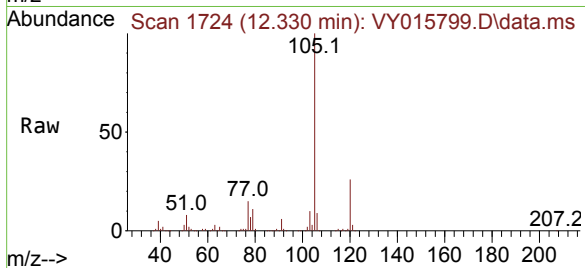
ClientSampleId :

Tgt Ion:105 Resp: 214647

Ion Ratio Lower Upper

105 100

120 26.2 13.3 39.9



#74

N-ethyl acetate

Concen: 20.721 ug/l

RT: 12.141 min Scan# 1693

Delta R.T. -0.001 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Tgt Ion: 43 Resp: 83426

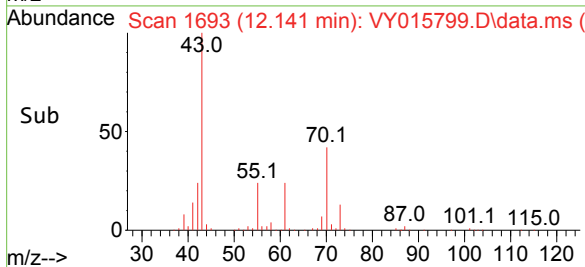
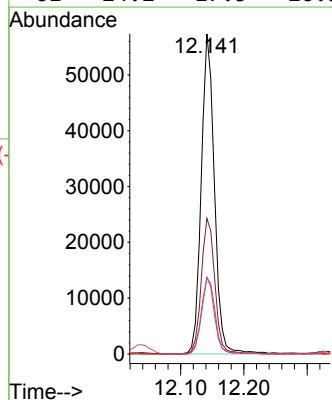
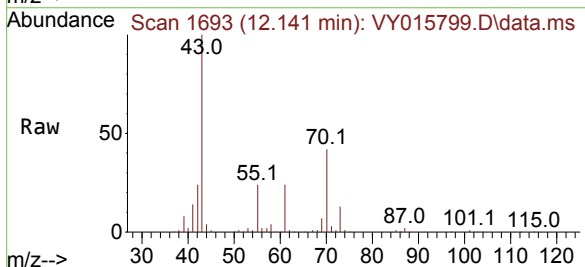
Ion Ratio Lower Upper

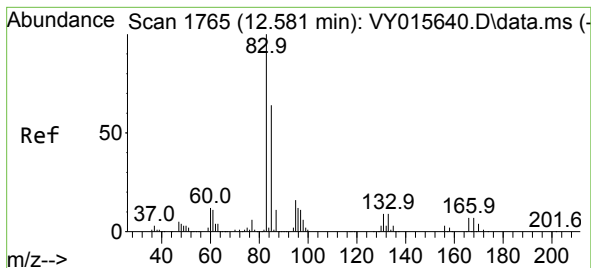
43 100

70 43.3 29.7 44.5

55 24.0 18.3 27.5

61 24.2 17.5 26.3

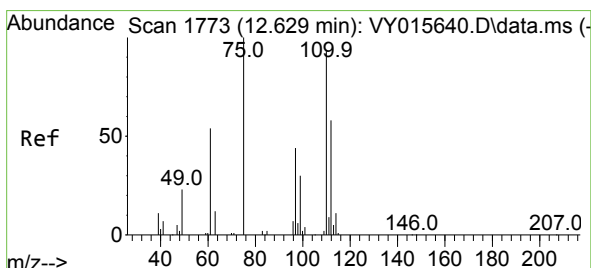
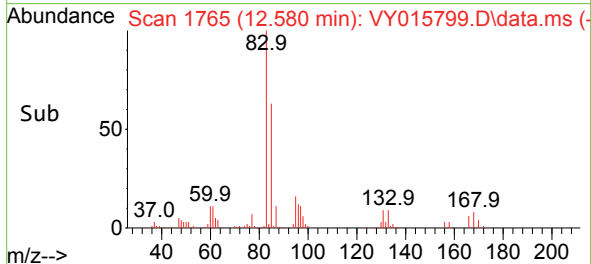
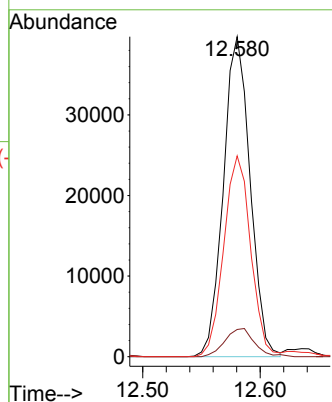
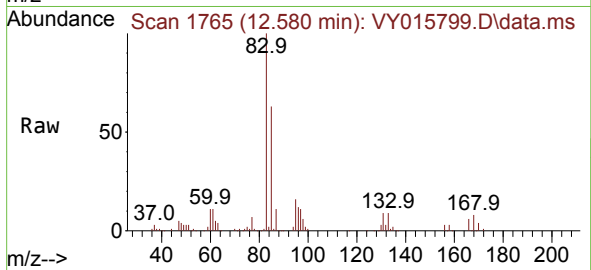




#75
1,1,2,2-Tetrachloroethane
Concen: 21.076 ug/l
RT: 12.580 min Scan# 1765
Delta R.T. -0.001 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

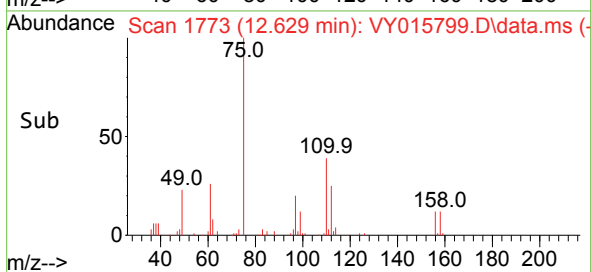
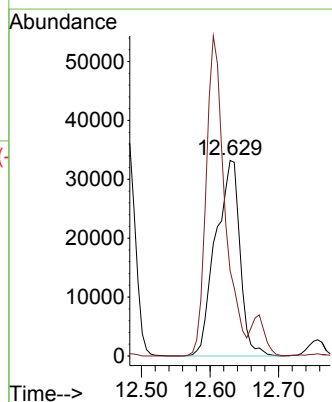
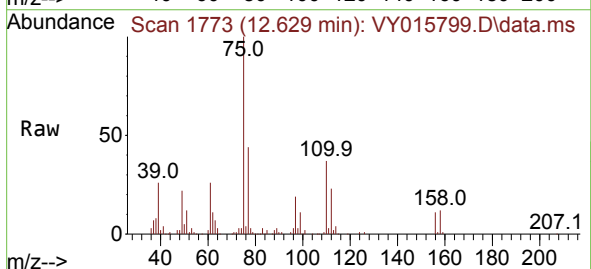
Instrument :
MSVOA_Y
ClientSampleId :

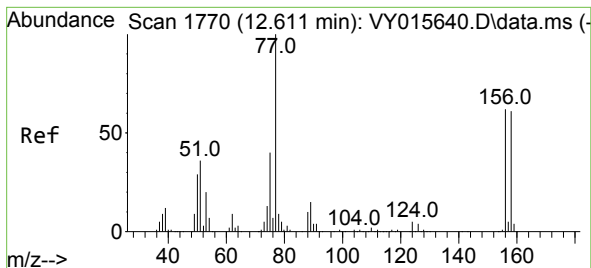
Tgt Ion: 83 Resp: 62834
Ion Ratio Lower Upper
83 100
131 9.7 5.4 16.2
85 63.1 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 36.015 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 75 Resp: 82045
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.864 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

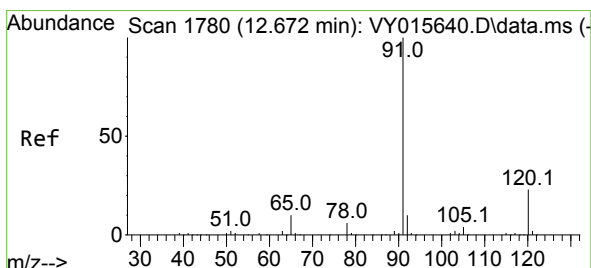
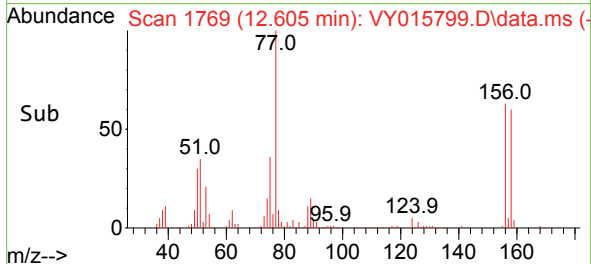
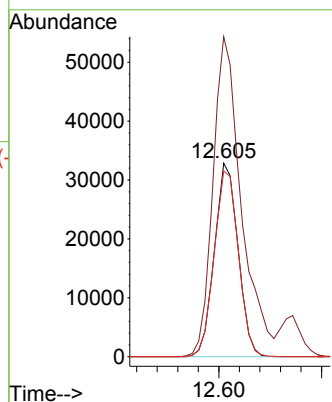
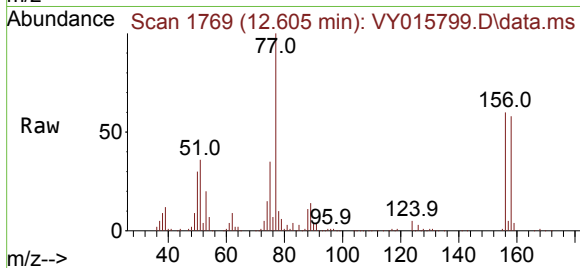
Tgt Ion:156 Resp: 52231

Ion Ratio Lower Upper

156 100

77 198.7 92.8 278.6

158 98.8 48.4 145.3



#78

n-propylbenzene

Concen: 20.195 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015799.D

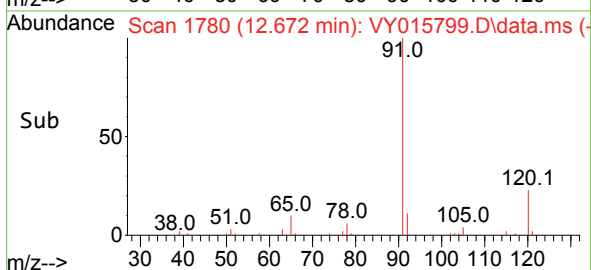
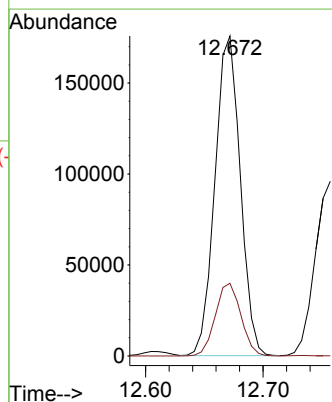
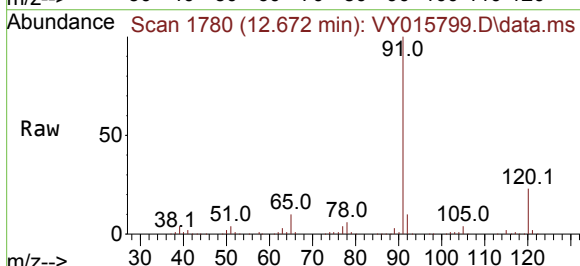
Acq: 03 Oct 2023 12:19

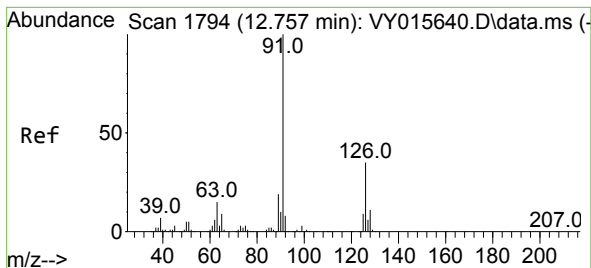
Tgt Ion: 91 Resp: 262818

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.693 ug/l

RT: 12.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

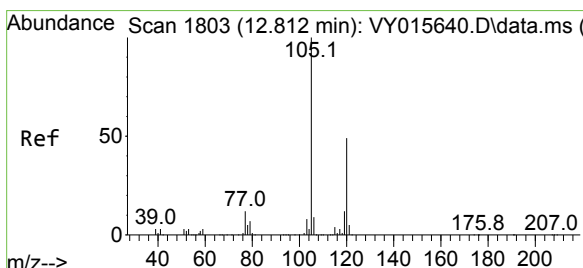
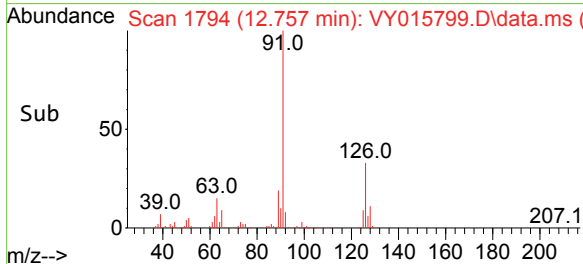
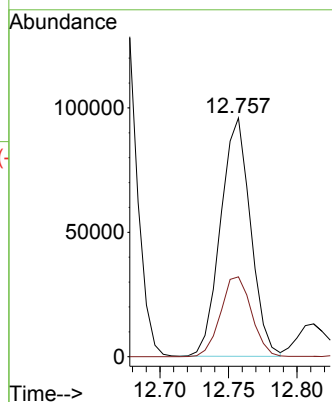
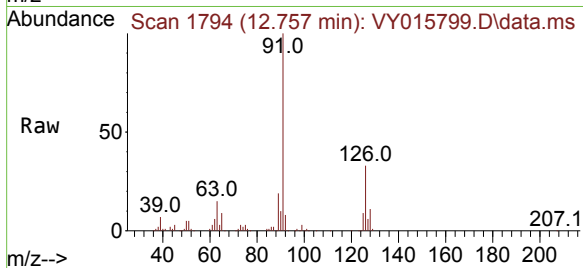
ClientSampleId :

Tgt Ion: 91 Resp: 146083

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 20.222 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015799.D

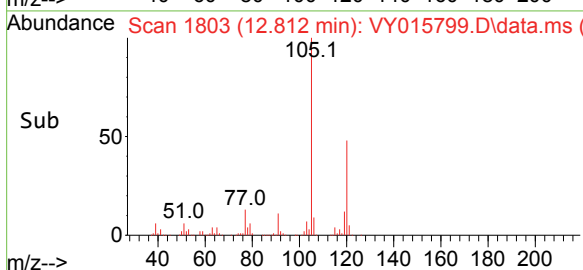
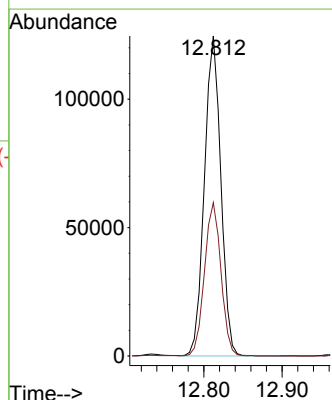
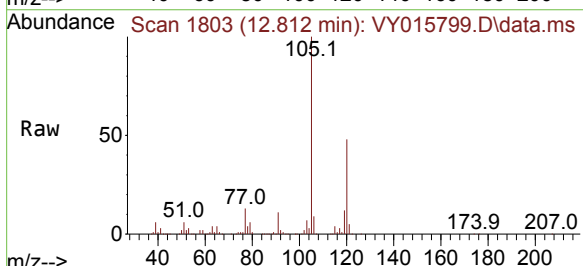
Acq: 03 Oct 2023 12:19

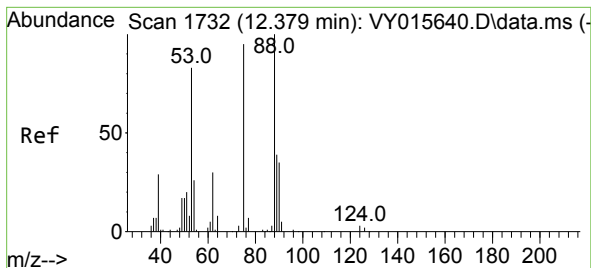
Tgt Ion:105 Resp: 181346

Ion Ratio Lower Upper

105 100

120 48.1 23.9 71.7

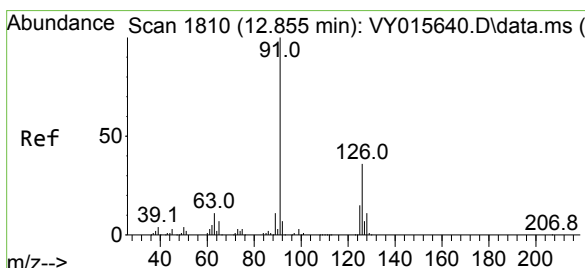
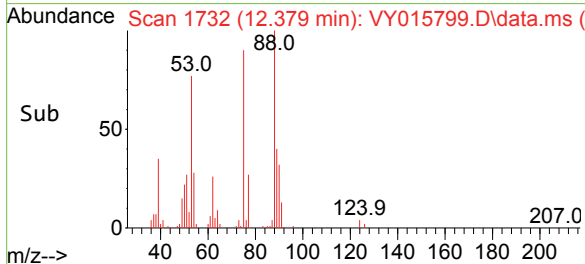
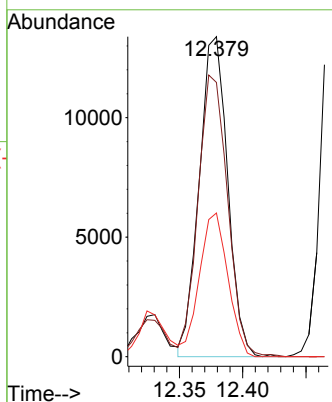
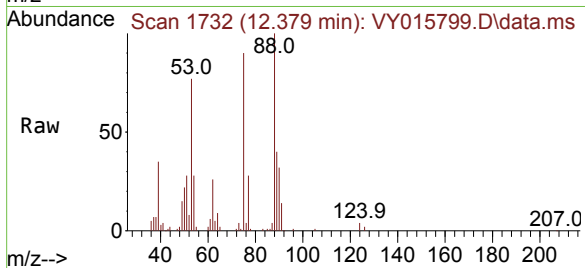




#81
trans-1,4-Dichloro-2-butene
Concen: 20.696 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.001 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

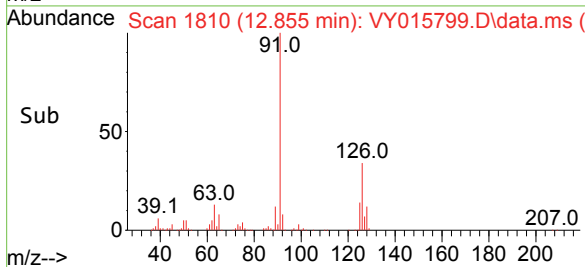
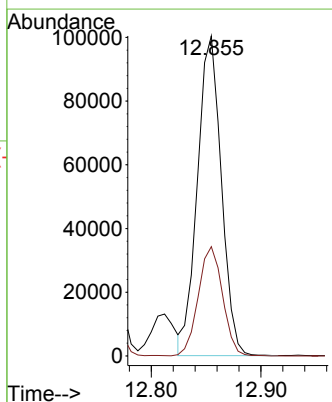
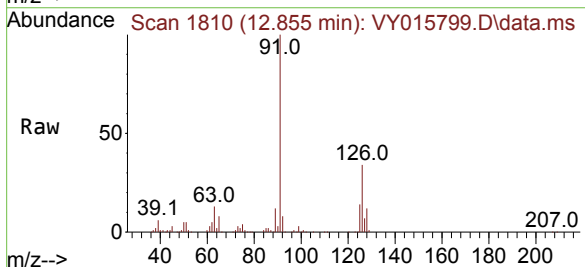
Instrument :
MSVOA_Y
ClientSampleId :

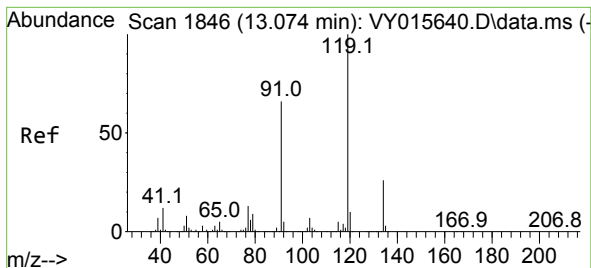
Tgt Ion: 75 Resp: 20936
Ion Ratio Lower Upper
75 100
53 91.5 77.8 116.8
89 45.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.636 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion: 91 Resp: 152061
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6

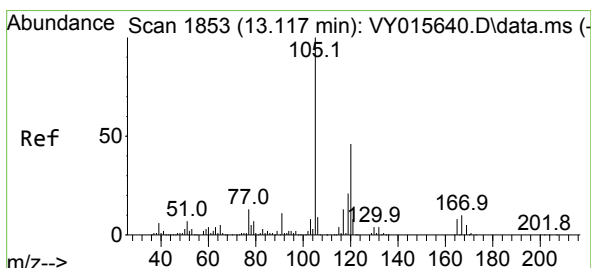
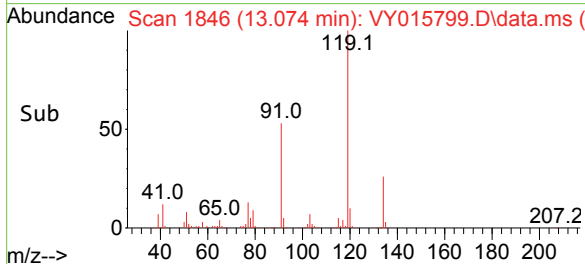
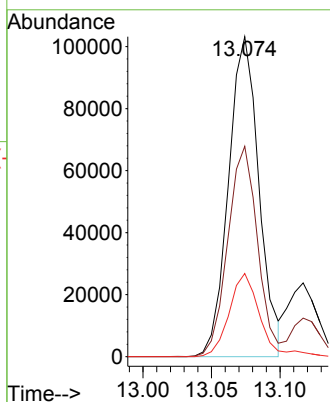
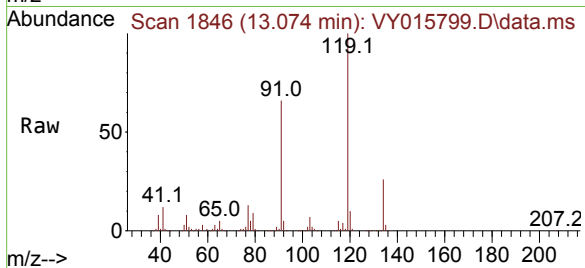




#83
tert-Butylbenzene
Concen: 20.371 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.001 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

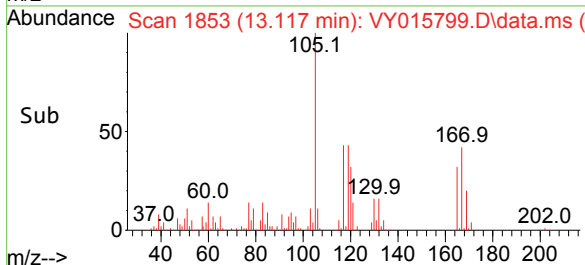
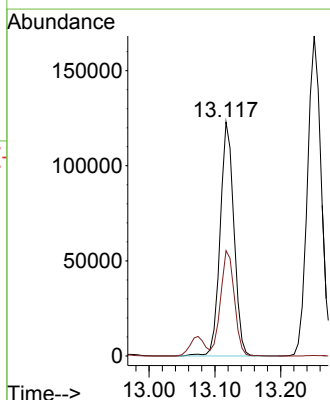
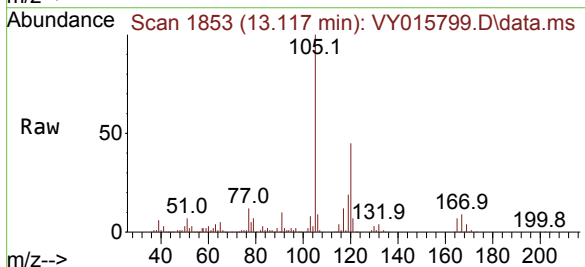
Instrument :
MSVOA_Y
ClientSampleId :

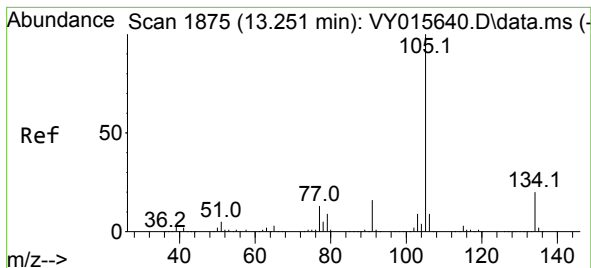
Tgt Ion:119 Resp: 159999
Ion Ratio Lower Upper
119 100
91 64.0 32.9 98.6
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 19.978 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

Tgt Ion:105 Resp: 179260
Ion Ratio Lower Upper
105 100
120 44.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.822 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

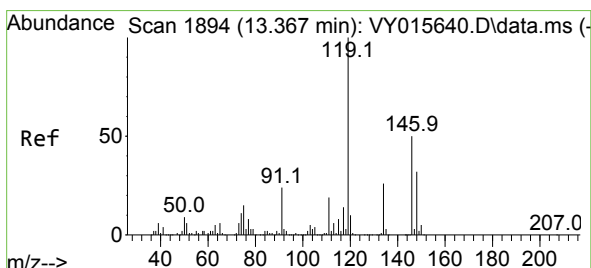
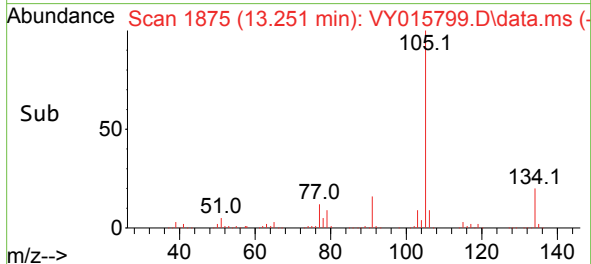
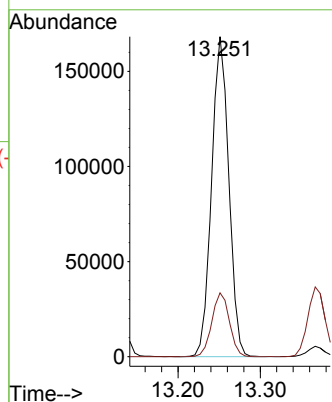
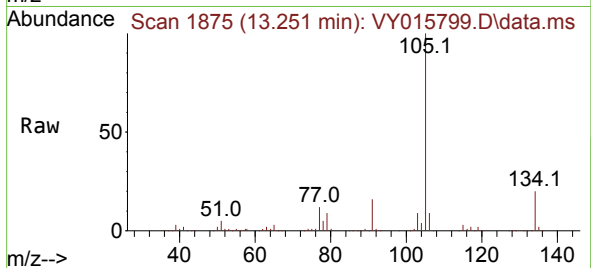
ClientSampleId :

Tgt Ion:105 Resp: 244753

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.329 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

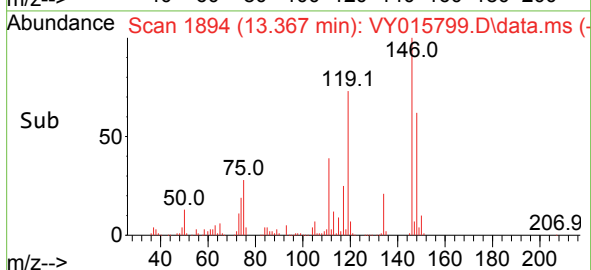
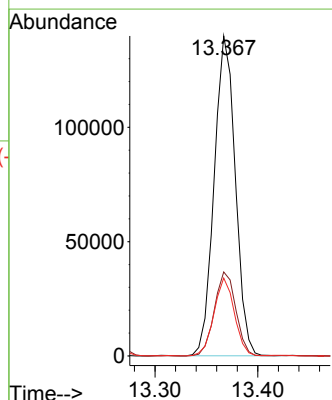
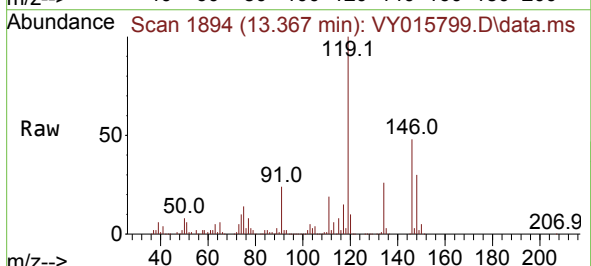
Tgt Ion:119 Resp: 199602

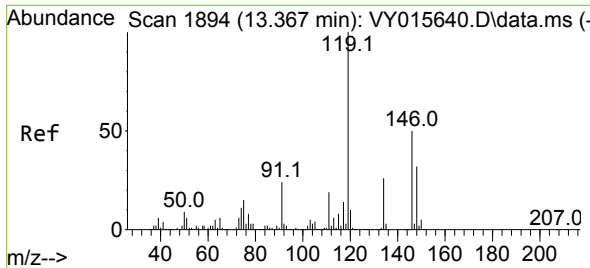
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.4 12.4 37.4

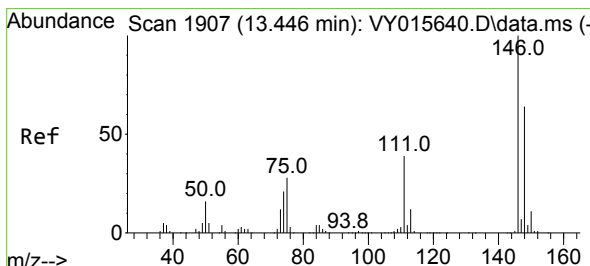
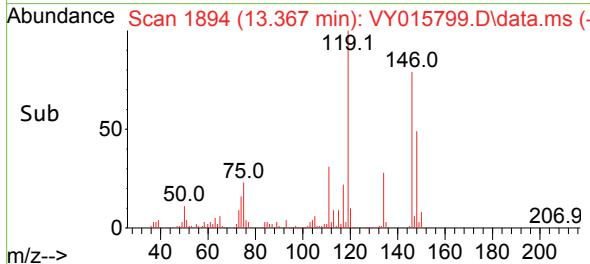
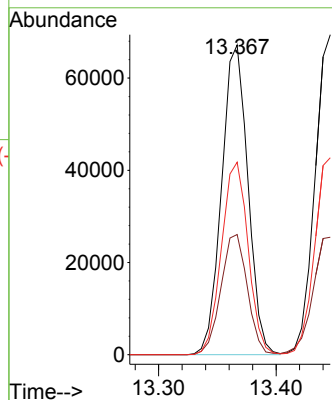
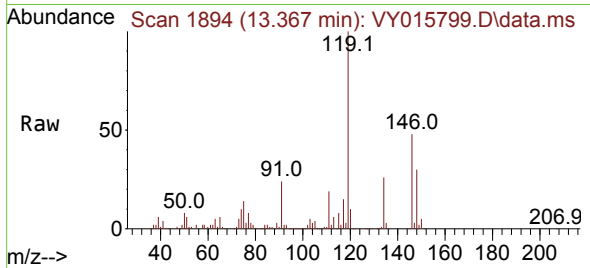




#87
 1,3-Dichlorobenzene
 Concen: 20.016 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.006 min
 Lab File: VY015799.D
 Acq: 03 Oct 2023 12:19

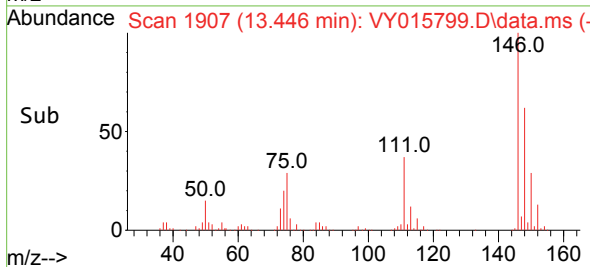
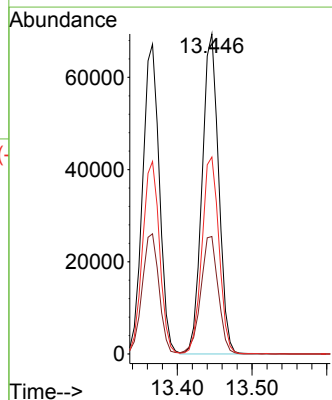
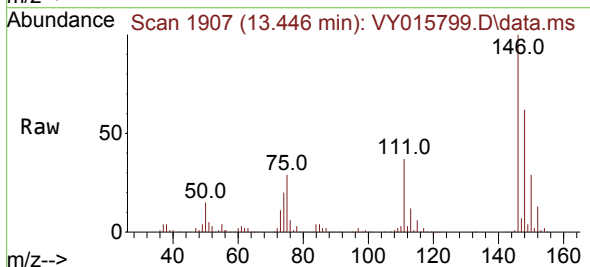
Instrument :
 MSVOA_Y
 ClientSampleId :

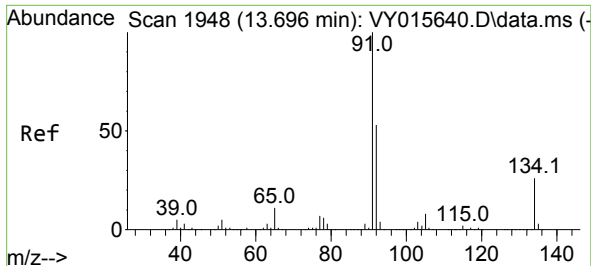
Tgt Ion:146 Resp: 104414
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.2
 148 62.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 20.497 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015799.D
 Acq: 03 Oct 2023 12:19

Tgt Ion:146 Resp: 106936
 Ion Ratio Lower Upper
 146 100
 111 38.7 18.9 56.7
 148 63.5 32.1 96.5

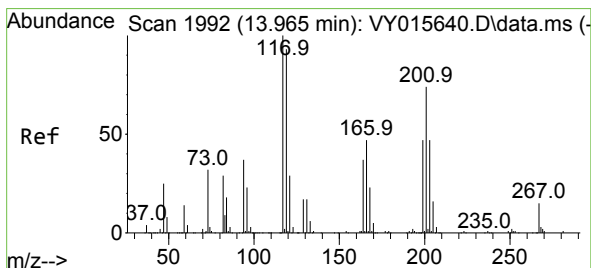
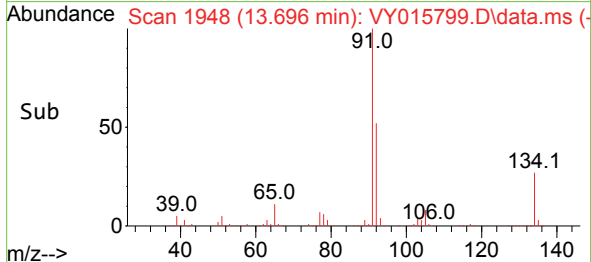
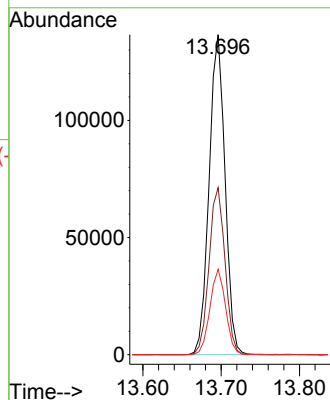
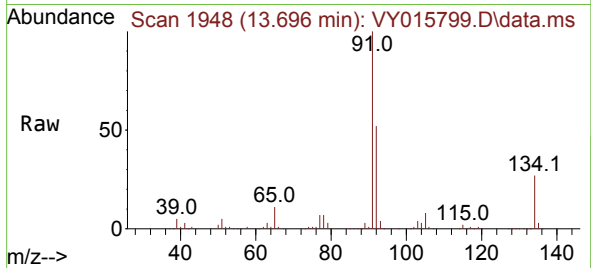




#89
n-Butylbenzene
Concen: 20.689 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

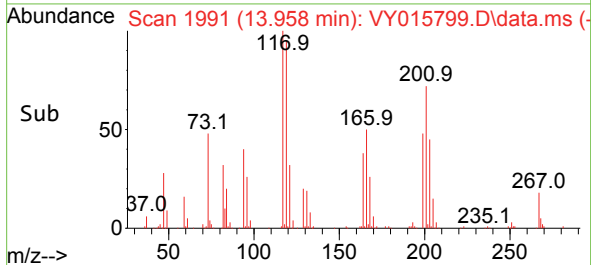
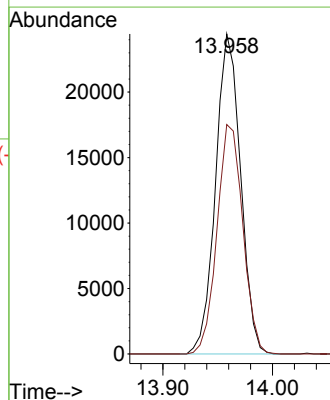
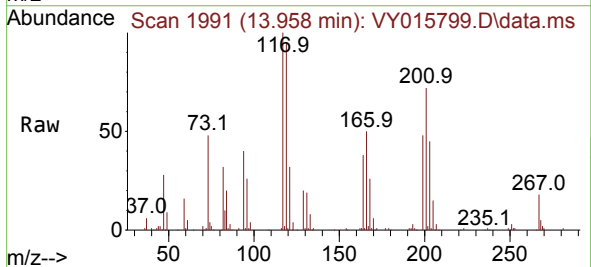
Instrument :
MSVOA_Y
ClientSampleId :

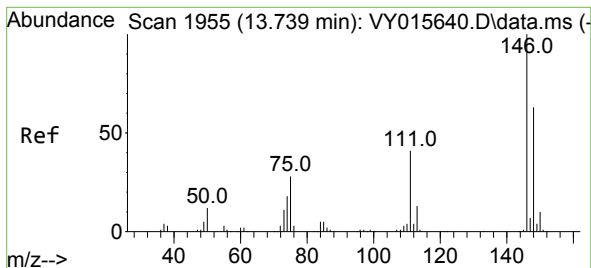
Tgt Ion: 91 Resp: 192359
Ion Ratio Lower Upper
91 100
92 52.5 25.4 76.0
134 26.3 12.6 37.6



#90
Hexachloroethane
Concen: 20.463 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.001 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

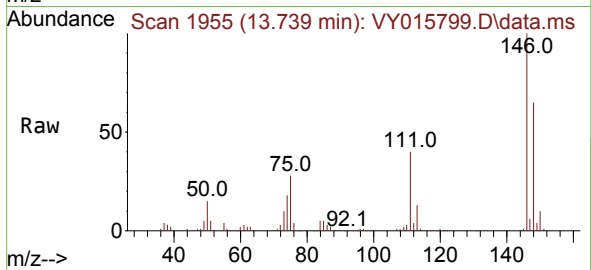
Tgt Ion: 117 Resp: 38777
Ion Ratio Lower Upper
117 100
201 74.0 41.6 124.8



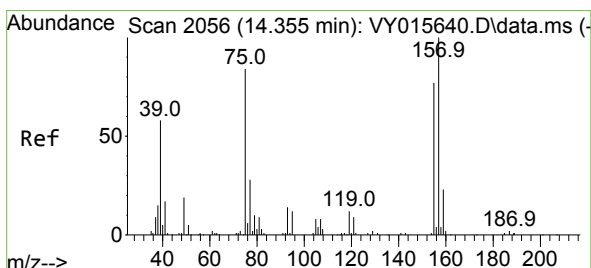
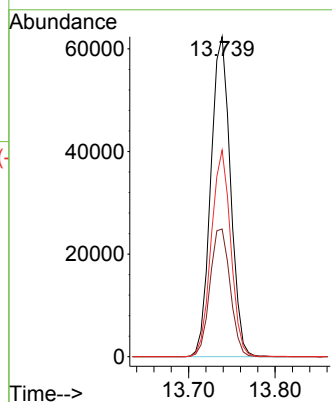
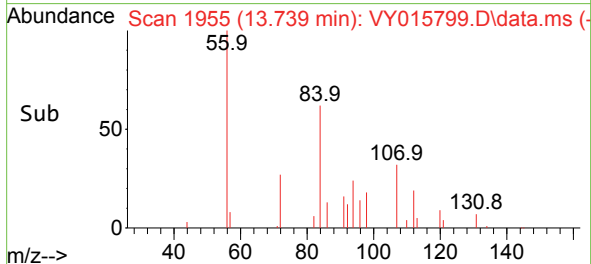


#91
1,2-Dichlorobenzene
Concen: 20.395 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19

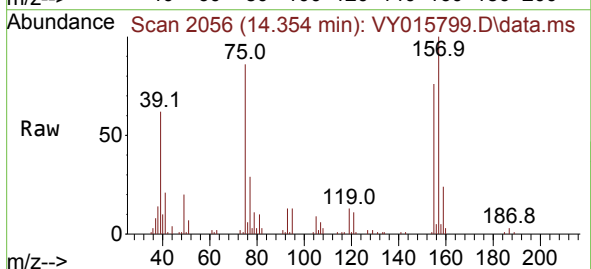
Instrument :
MSVOA_Y
ClientSampleId :



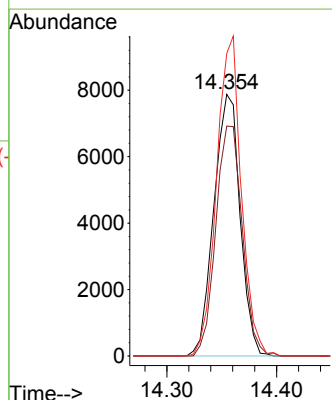
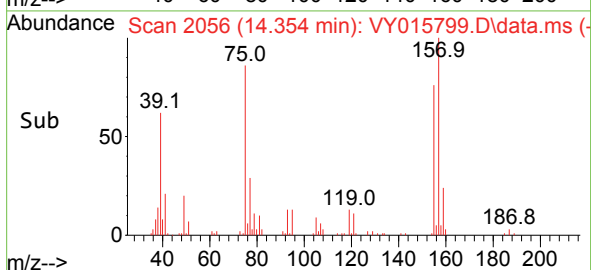
Tgt Ion:146 Resp: 98214
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 64.0 32.0 96.2

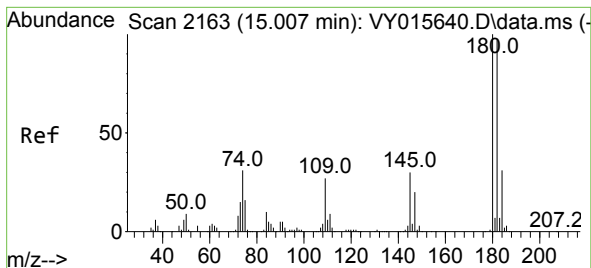


#92
1,2-Dibromo-3-Chloropropane
Concen: 22.076 ug/l
RT: 14.354 min Scan# 2056
Delta R.T. -0.001 min
Lab File: VY015799.D
Acq: 03 Oct 2023 12:19



Tgt Ion: 75 Resp: 13071
Ion Ratio Lower Upper
75 100
155 88.8 41.5 124.6
157 115.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.658 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

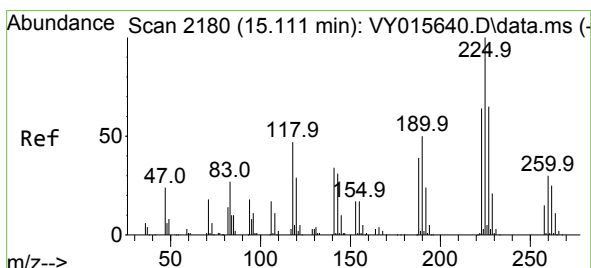
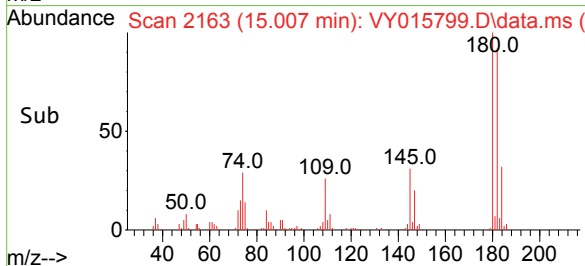
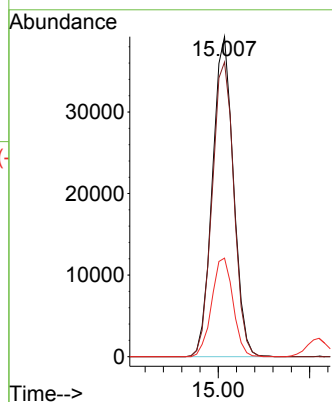
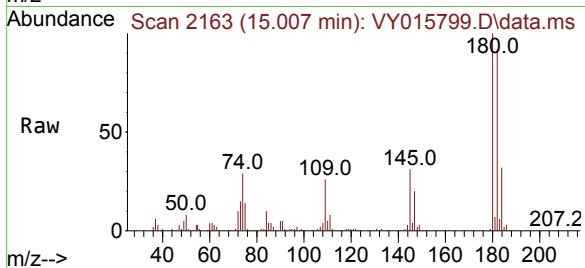
Tgt Ion:180 Resp: 62626

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 31.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.322 ug/l

RT: 15.110 min Scan# 2180

Delta R.T. -0.001 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

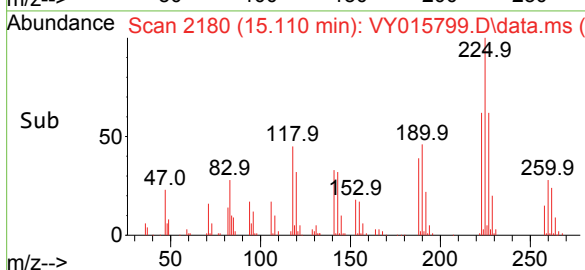
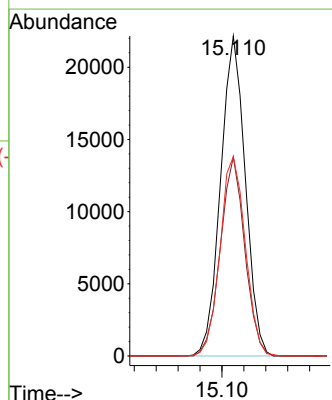
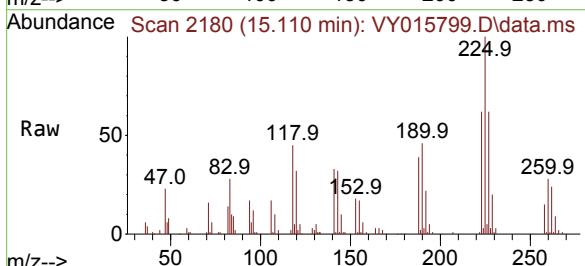
Tgt Ion:225 Resp: 34654

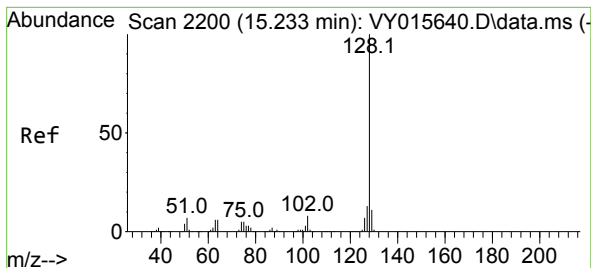
Ion Ratio Lower Upper

225 100

223 61.4 31.9 95.9

227 63.9 33.0 98.9





#95

Naphthalene

Concen: 22.084 ug/l

RT: 15.232 min Scan# 2200

Delta R.T. -0.001 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Instrument :

MSVOA_Y

ClientSampleId :

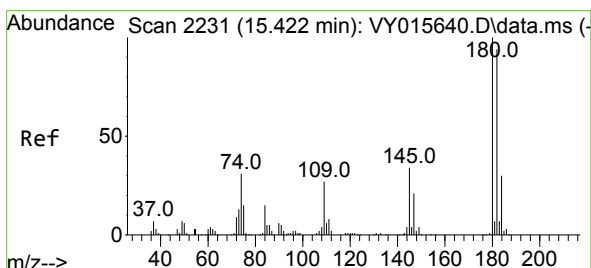
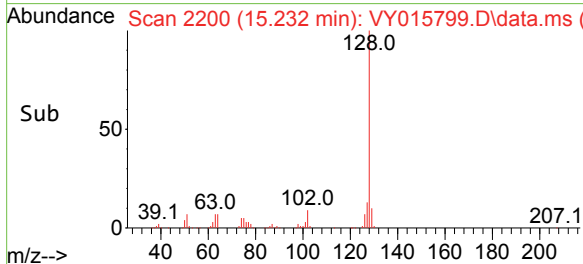
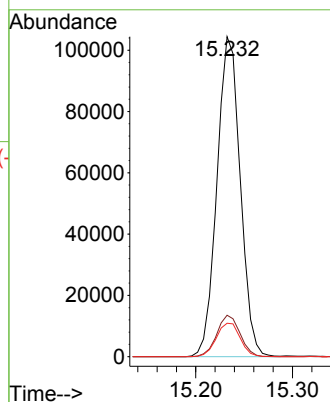
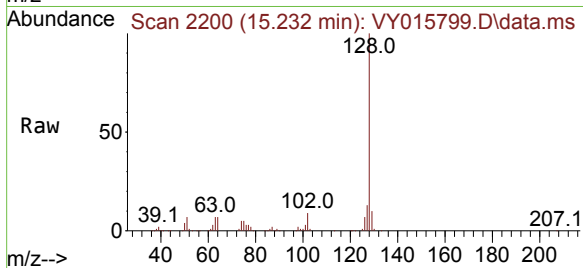
Tgt Ion:128 Resp: 174572

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.204 ug/l

RT: 15.421 min Scan# 2231

Delta R.T. -0.001 min

Lab File: VY015799.D

Acq: 03 Oct 2023 12:19

Tgt Ion:180 Resp: 59330

Ion Ratio Lower Upper

180 100

182 95.7 47.3 141.8

145 32.6 15.4 46.2

