

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092223\
 Data File : VY015683.D
 Acq On : 22 Sep 2023 13:55
 Operator : SY/MD
 Sample : VY0922SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 22:55:11 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	7.795	168	140732	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.691	114	241035	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	221990	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	113196	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	70282	45.389	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.780%
35) Dibromofluoromethane	7.722	113	67839	47.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.040%
50) Toluene-d8	10.185	98	217222	44.407	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.820%
62) 4-Bromofluorobenzene	12.483	95	86382	44.999	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.000%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19290	20.794	ug/l	94
3) Chloromethane	2.113	50	23503	20.083	ug/l	96
4) Vinyl Chloride	2.253	62	27718	20.715	ug/l	96
5) Bromomethane	2.643	94	22552	19.524	ug/l	97
6) Chloroethane	2.784	64	21451	21.629	ug/l	99
7) Trichlorofluoromethane	3.119	101	47767	21.286	ug/l	99
8) Diethyl Ether	3.534	74	20118	21.023	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	29961	21.324	ug/l	94
10) Methyl Iodide	4.094	142	28170	18.848	ug/l	96
11) Tert butyl alcohol	4.978	59	42318	106.966	ug/l #	88
12) 1,1-Dichloroethene	3.875	96	25019	20.207	ug/l	96
13) Acrolein	3.735	56	16754	70.650	ug/l	97
14) Allyl chloride	4.485	41	46990	20.758	ug/l	94
15) Acrylonitrile	5.167	53	72598	103.413	ug/l	99
16) Acetone	3.960	43	88083	106.296	ug/l	94
17) Carbon Disulfide	4.198	76	43942	18.269	ug/l	99
18) Methyl Acetate	4.491	43	56941	20.480	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	108179	21.453	ug/l	96
20) Methylene Chloride	4.716	84	54046	27.614	ug/l	95
21) trans-1,2-Dichloroethene	5.228	96	29692	20.981	ug/l	93
22) Diisopropyl ether	6.125	45	119897	22.008	ug/l	91
23) Vinyl Acetate	6.064	43	346785	103.130	ug/l #	94
24) 1,1-Dichloroethane	6.015	63	64381	21.681	ug/l	99
25) 2-Butanone	6.990	43	119979	102.434	ug/l	99
26) 2,2-Dichloropropane	6.984	77	52607	19.383	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	40070	21.328	ug/l	97
28) Bromochloromethane	7.338	49	12073	14.986	ug/l	100
29) Tetrahydrofuran	7.356	42	67633	102.162	ug/l	96
30) Chloroform	7.508	83	70395	22.137	ug/l	98
31) Cyclohexane	7.789	56	42656	19.886	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	57455	21.886	ug/l	99
36) 1,1-Dichloropropene	7.923	75	43057	20.185	ug/l	99
37) Ethyl Acetate	7.082	43	44138	20.745	ug/l	97
38) Carbon Tetrachloride	7.905	117	49367	21.321	ug/l	96
39) Methylcyclohexane	9.185	83	46895	19.876	ug/l	97
40) Benzene	8.161	78	138204	21.246	ug/l	99

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Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 22 22:55:11 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)
41) Methacrylonitrile	7.313	41	17102	14.928	ug/l #	83
42) 1,2-Dichloroethane	8.240	62	47686	21.405	ug/l	94
43) Isopropyl Acetate	8.277	43	75974	20.904	ug/l	98
44) Trichloroethene	8.941	130	39198	21.575	ug/l	98
45) 1,2-Dichloropropane	9.222	63	39604	21.832	ug/l	100
46) Dibromomethane	9.307	93	24339	20.975	ug/l	96
47) Bromodichloromethane	9.496	83	56252	21.748	ug/l	99
48) Methyl methacrylate	9.295	41	32878	20.609	ug/l	92
49) 1,4-Dioxane	9.307	88	9489	413.921	ug/l #	50
51) 4-Methyl-2-Pentanone	10.075	43	232831	103.356	ug/l	93
52) Toluene	10.246	92	89568	21.358	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	57317	20.665	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	62546	20.949	ug/l	94
55) 1,1,2-Trichloroethane	10.648	97	36897	21.697	ug/l	99
56) Ethyl methacrylate	10.514	69	52380	20.901	ug/l #	88
57) 1,3-Dichloropropane	10.794	76	61904	21.707	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	82137	103.183	ug/l	96
59) 2-Hexanone	10.831	43	181408	104.962	ug/l	93
60) Dibromochloromethane	10.983	129	42529	21.424	ug/l	99
61) 1,2-Dibromoethane	11.087	107	34750	20.888	ug/l	98
64) Tetrachloroethene	10.721	164	43621	22.903	ug/l	97
65) Chlorobenzene	11.520	112	104205	21.505	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	40310	21.416	ug/l	97
67) Ethyl Benzene	11.593	91	180691	21.334	ug/l	98
68) m/p-Xylenes	11.703	106	138357	42.979	ug/l	96
69) o-Xylene	12.032	106	68209	21.608	ug/l	97
70) Styrene	12.044	104	117348	21.718	ug/l	97
71) Bromoform	12.209	173	29492	21.622	ug/l #	97
73) Isopropylbenzene	12.331	105	180742	21.285	ug/l	99
74) N-amyl acetate	12.142	43	66170	20.733	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	48354	20.460	ug/l	97
76) 1,2,3-Trichloropropane	12.636	75	64334	35.625	ug/l #	100
77) Bromobenzene	12.605	156	44045	21.131	ug/l	95
78) n-propylbenzene	12.672	91	218468	21.177	ug/l	100
79) 2-Chlorotoluene	12.758	91	123107	20.935	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	153576	21.603	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	15927	19.861	ug/l	97
82) 4-Chlorotoluene	12.855	91	129608	21.113	ug/l	99
83) tert-Butylbenzene	13.075	119	132870	21.340	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	153226	21.542	ug/l	99
85) sec-Butylbenzene	13.251	105	200352	21.502	ug/l	99
86) p-Isopropyltoluene	13.373	119	164707	21.161	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	88175	21.323	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	88382	21.370	ug/l	99
89) n-Butylbenzene	13.696	91	155773	21.135	ug/l	98
90) Hexachloroethane	13.959	117	31958	21.275	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	84472	22.129	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9554	20.355	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	50751	21.118	ug/l	99
94) Hexachlorobutadiene	15.111	225	25966	21.099	ug/l	99
95) Naphthalene	15.233	128	129353	20.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	46318	20.882	ug/l	99

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Sample : VY0922SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 6 Sample Multiplier: 1

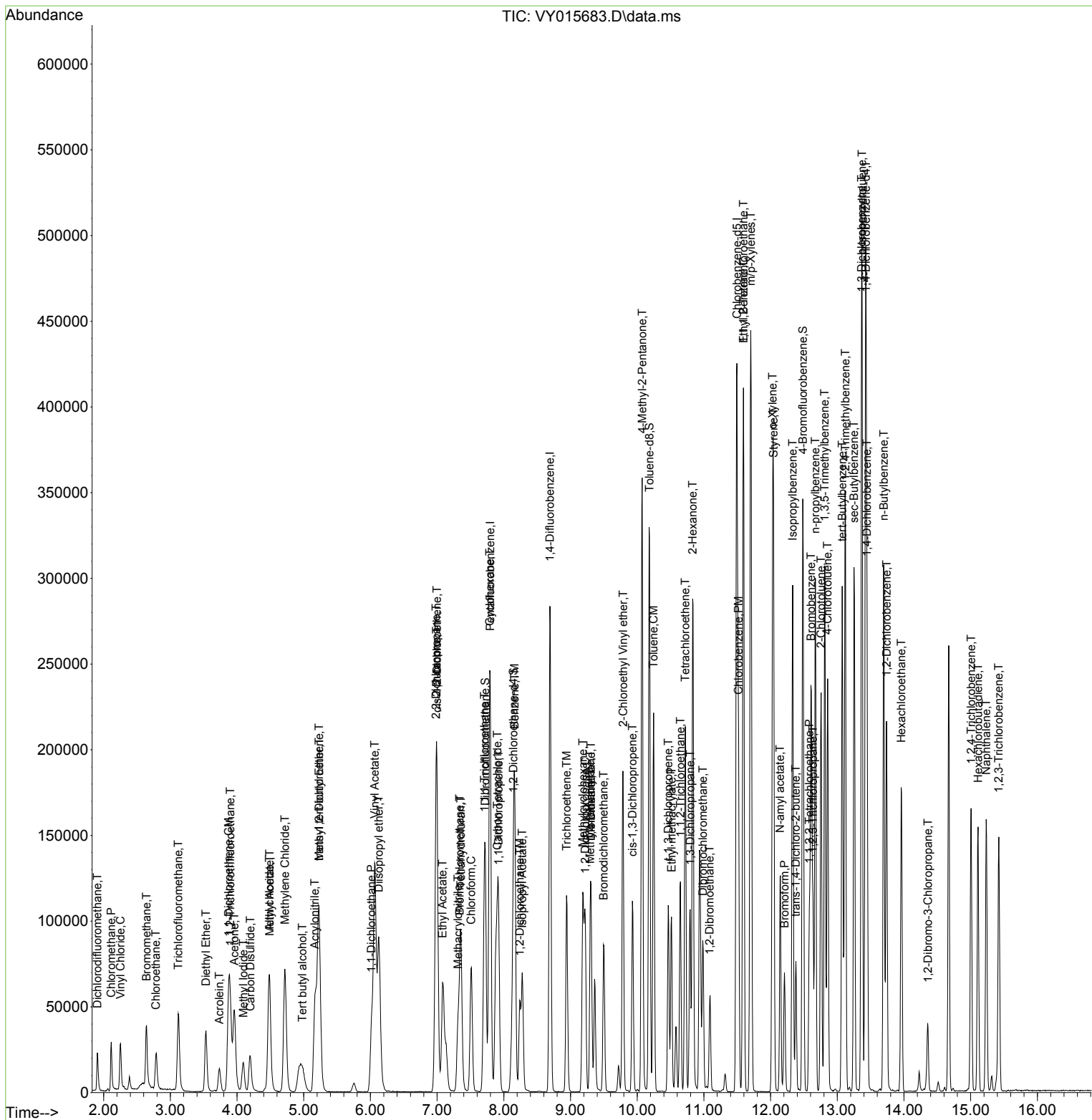
Instrument :
MSVOA_Y
ClientSampleId :

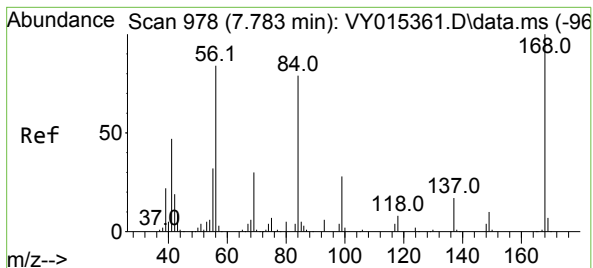
Quant Time: Sep 22 22:55:11 2023
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Quant Title : SW846 8260
QLast Update : Wed Sep 20 01:39:40 2023
Response via : Initial Calibration

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

Quant Time: Sep 22 22:55:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.012 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

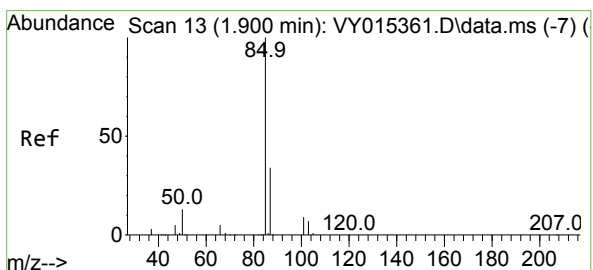
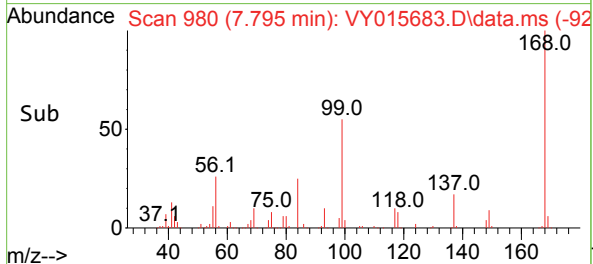
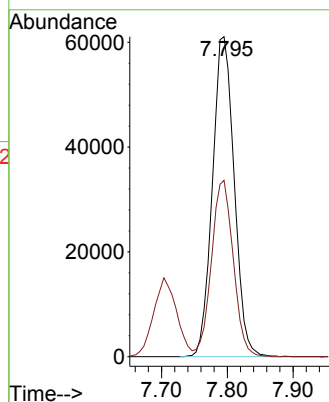
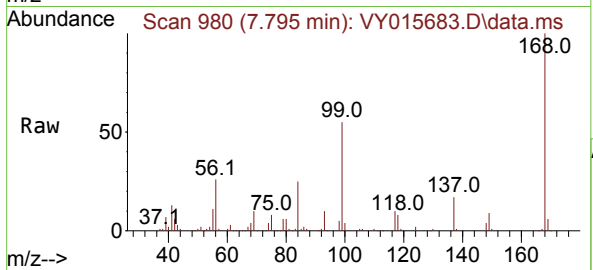
ClientSampleId :

Tgt Ion:168 Resp: 140732

Ion Ratio Lower Upper

168 100

99 55.1 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 20.794 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015683.D

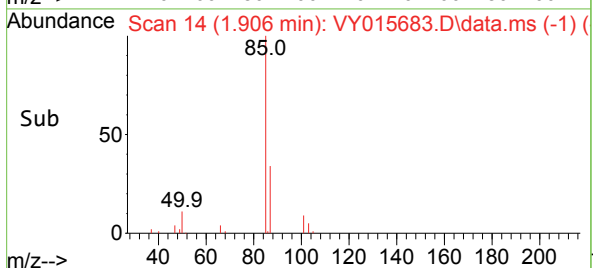
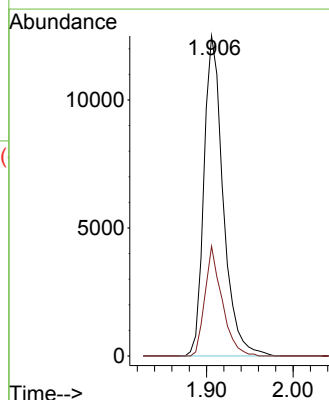
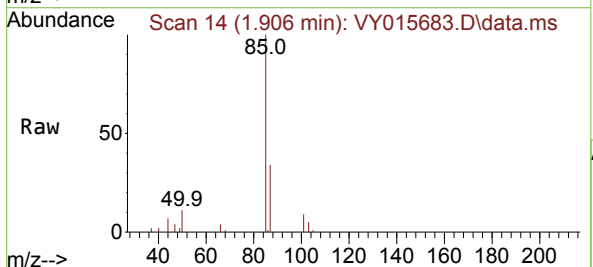
Acq: 22 Sep 2023 13:55

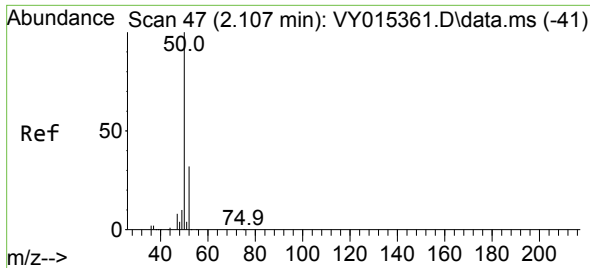
Tgt Ion: 85 Resp: 19290

Ion Ratio Lower Upper

85 100

87 34.3 15.6 46.8

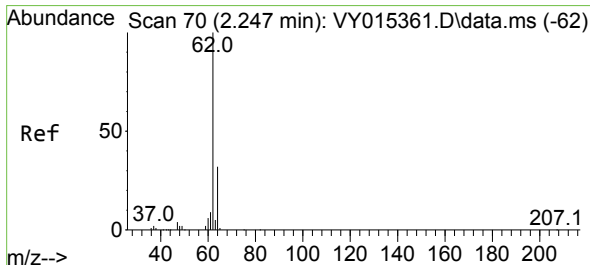
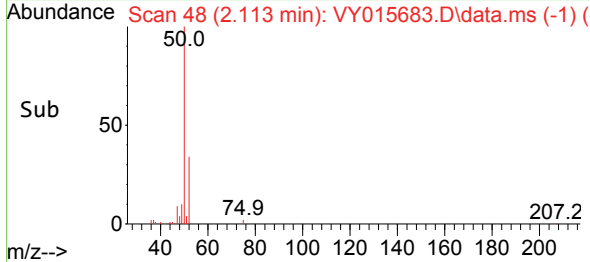
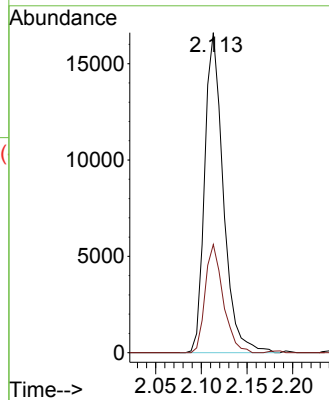
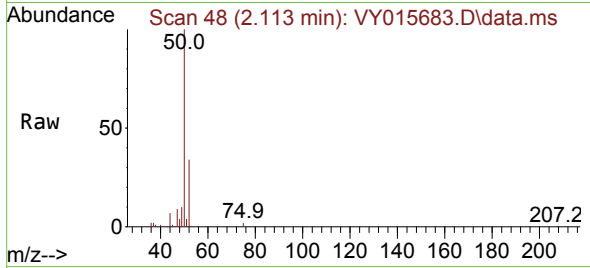




#3
Chloromethane
Concen: 20.083 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

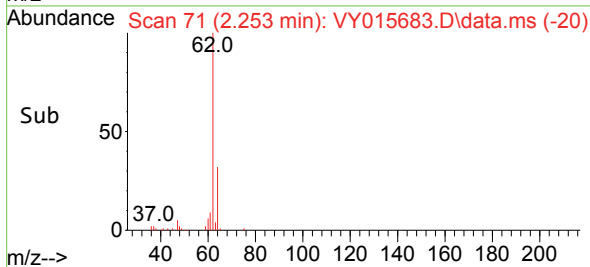
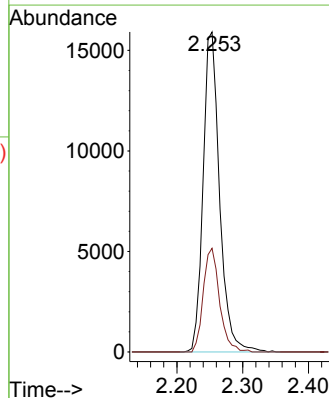
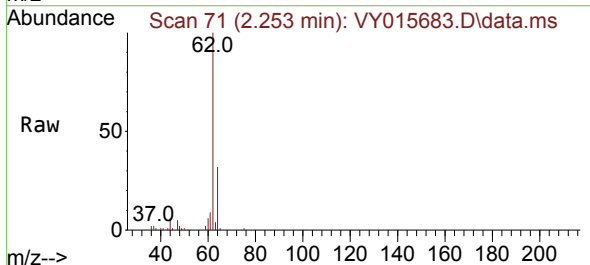
Instrument :
MSVOA_Y
ClientSampleId :

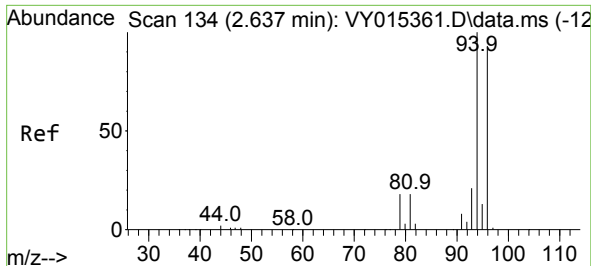
Tgt Ion: 50 Resp: 23503
Ion Ratio Lower Upper
50 100
52 33.8 25.4 38.2



#4
Vinyl Chloride
Concen: 20.715 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.012 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion: 62 Resp: 27718
Ion Ratio Lower Upper
62 100
64 32.4 24.3 36.5





#5

Bromomethane

Concen: 19.524 ug/l

RT: 2.643 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

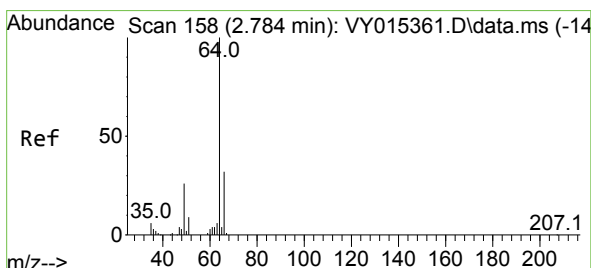
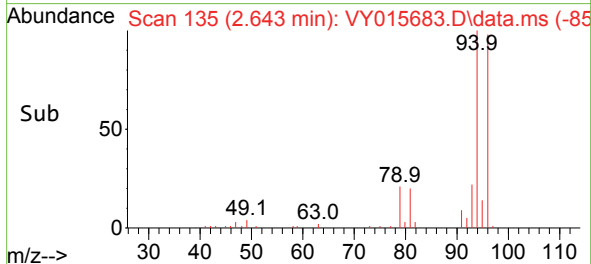
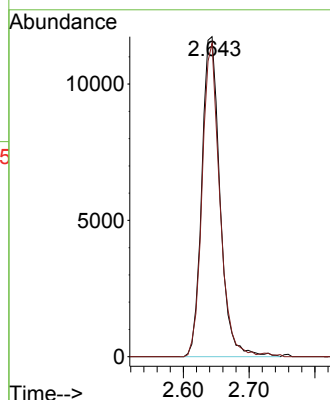
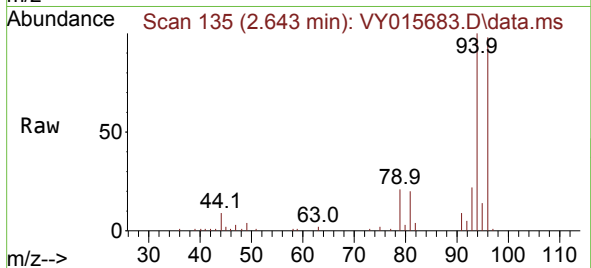
ClientSampleId :

Tgt Ion: 94 Resp: 22552

Ion Ratio Lower Upper

94 100

96 97.9 75.8 113.6



#6

Chloroethane

Concen: 21.629 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.000 min

Lab File: VY015683.D

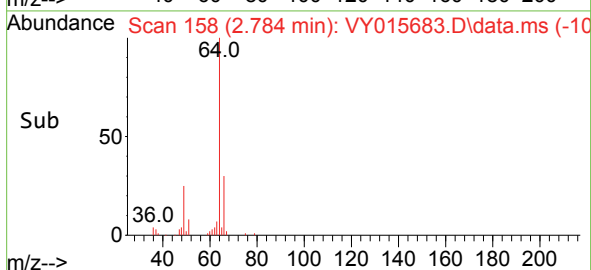
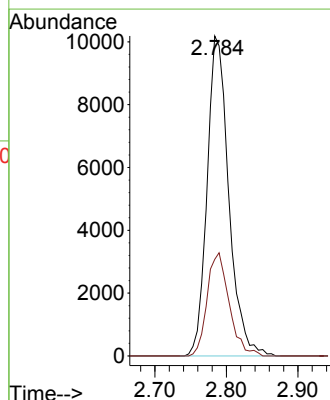
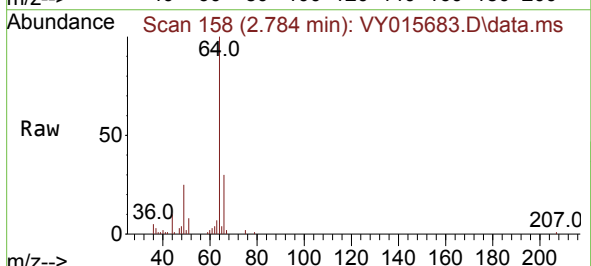
Acq: 22 Sep 2023 13:55

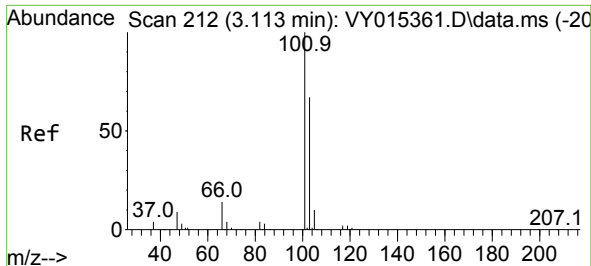
Tgt Ion: 64 Resp: 21451

Ion Ratio Lower Upper

64 100

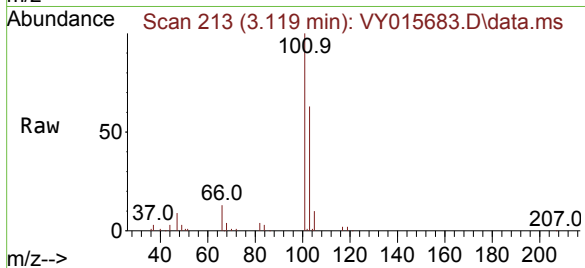
66 30.2 24.4 36.6



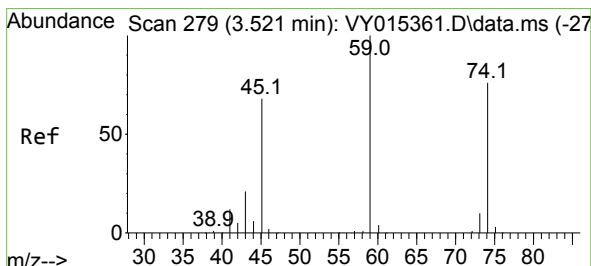
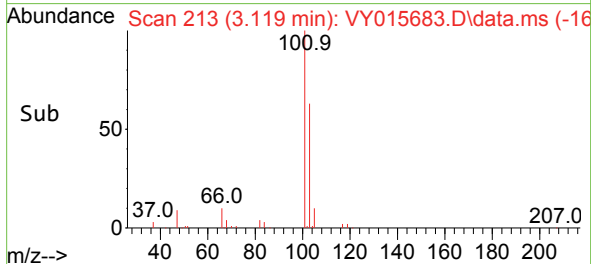
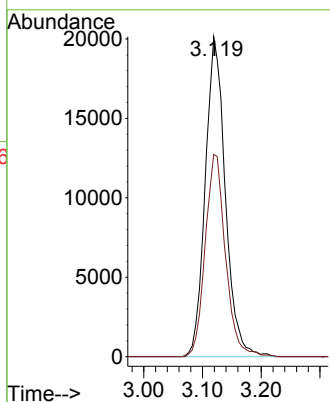


#7
Trichlorofluoromethane
Concen: 21.286 ug/l
RT: 3.119 min Scan# 212
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :

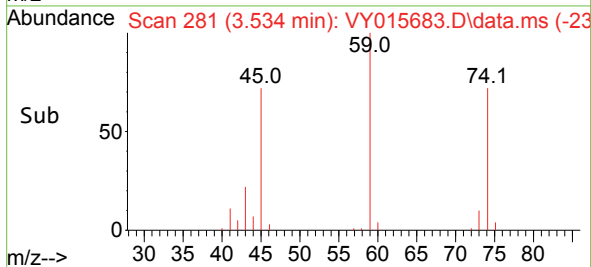
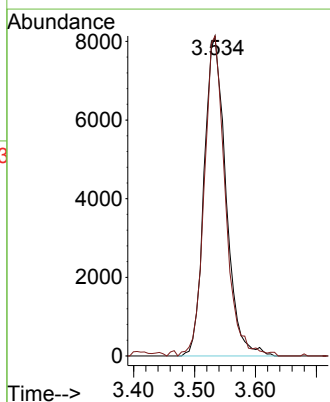
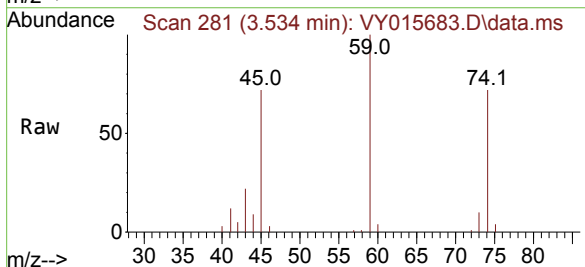


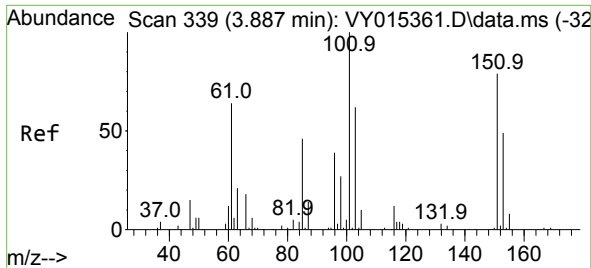
Tgt Ion:101 Resp: 47767
Ion Ratio Lower Upper
101 100
103 63.2 51.4 77.0



#8
Diethyl Ether
Concen: 21.023 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.013 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion: 74 Resp: 20118
Ion Ratio Lower Upper
74 100
45 96.5 51.5 154.5

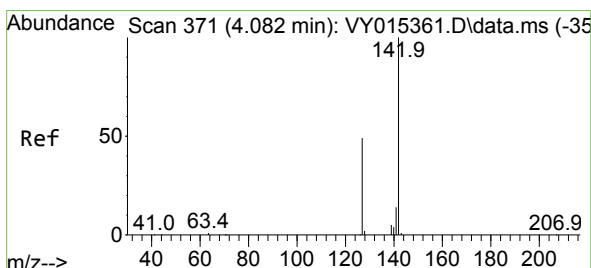
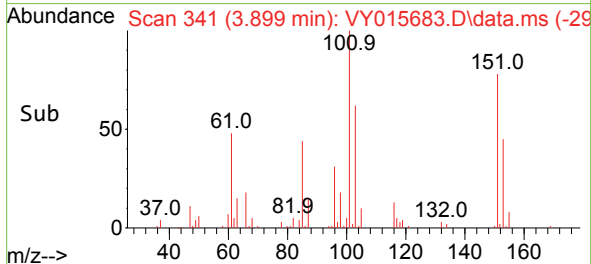
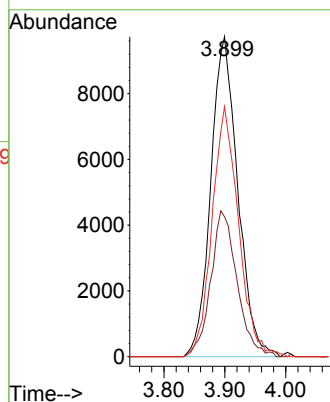
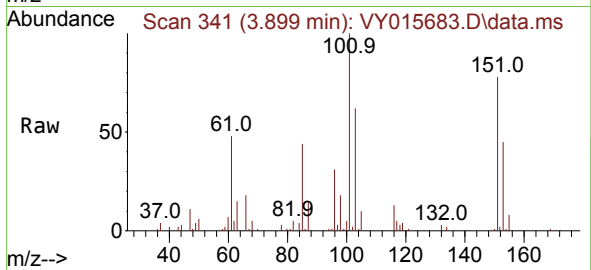




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.324 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015683.D
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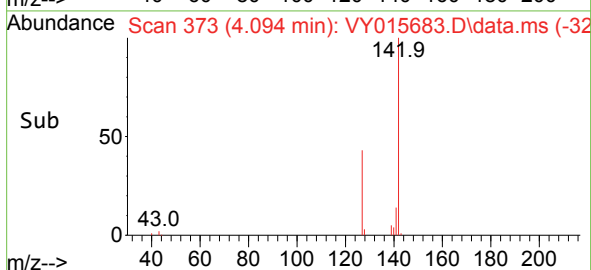
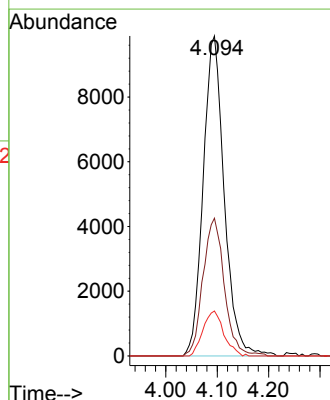
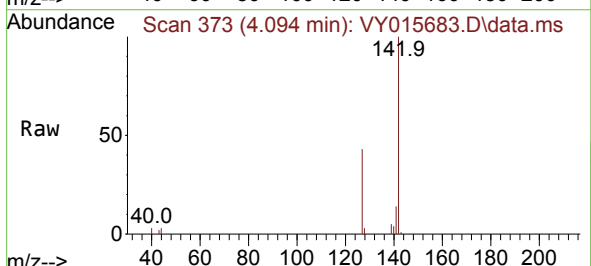
Instrument :
MSVOA_Y
ClientSampleId :

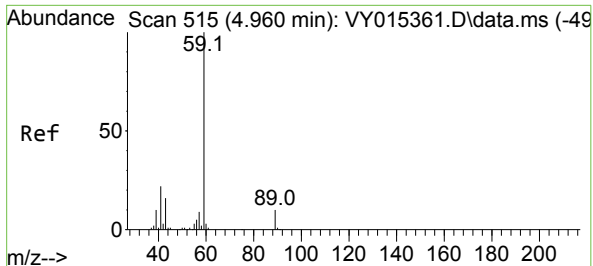
Tgt Ion:101 Resp: 29961
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 76.8 67.0 100.6



#10
Methyl Iodide
Concen: 18.848 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion:142 Resp: 28170
Ion Ratio Lower Upper
142 100
127 43.7 37.6 56.4
141 13.9 11.8 17.8





#11

Tert butyl alcohol

Concen: 106.966 ug/l

RT: 4.978 min Scan# 51

Delta R.T. 0.024 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

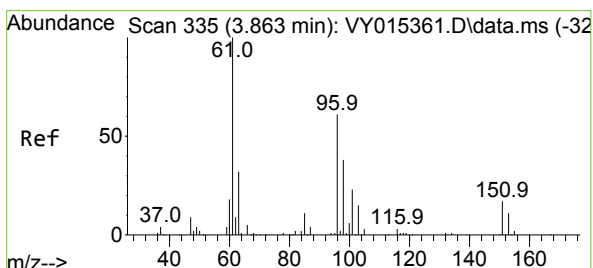
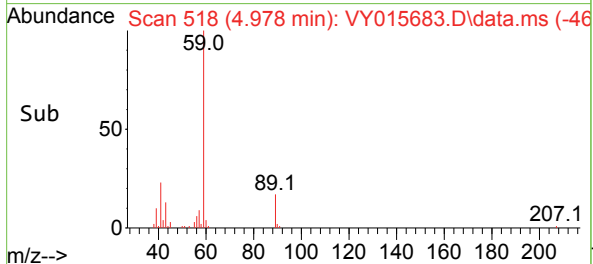
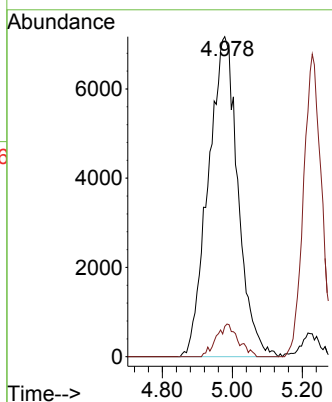
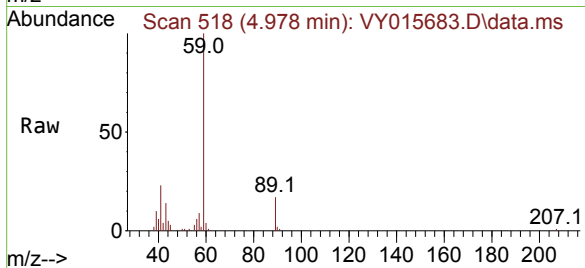
ClientSampleId :

Tgt Ion: 59 Resp: 42318

Ion Ratio Lower Upper

59 100

57 7.6 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.207 ug/l

RT: 3.875 min Scan# 337

Delta R.T. 0.012 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

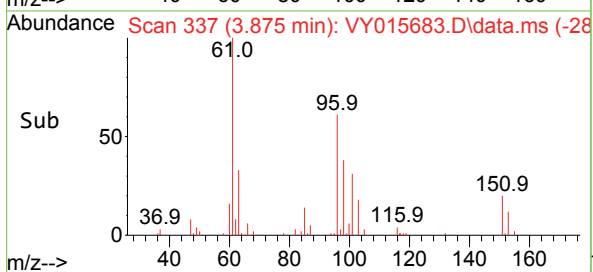
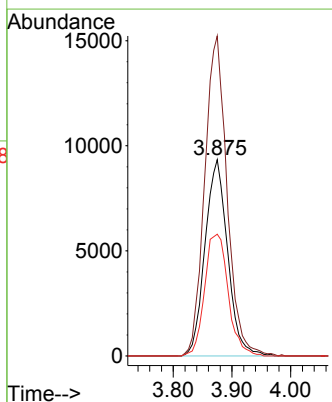
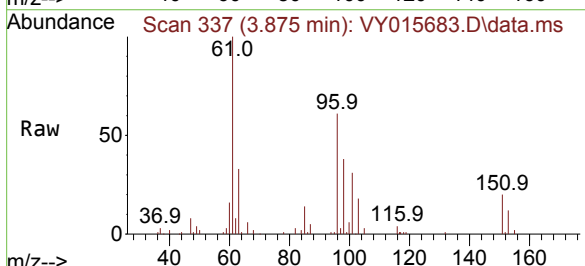
Tgt Ion: 96 Resp: 25019

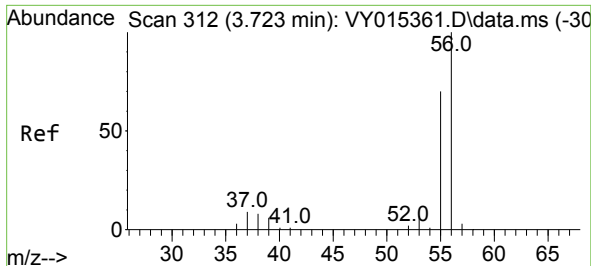
Ion Ratio Lower Upper

96 100

61 162.9 136.4 204.6

98 62.0 49.4 74.2





#13

Acrolein

Concen: 70.650 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

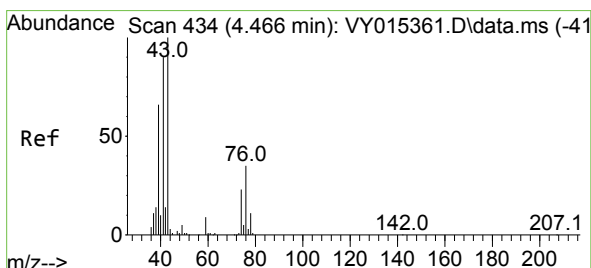
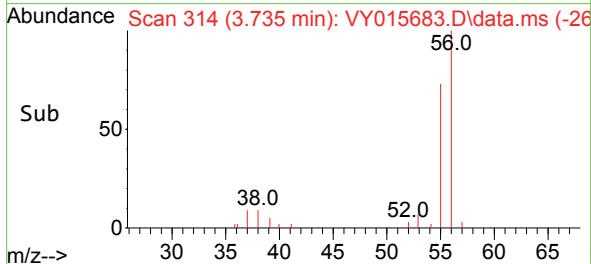
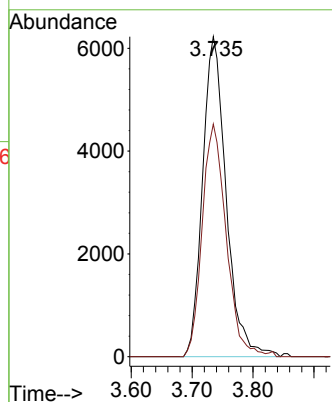
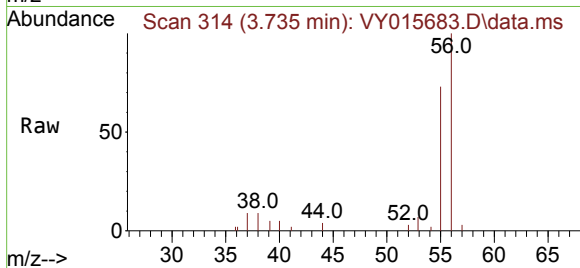
ClientSampleId :

Tgt Ion: 56 Resp: 16754

Ion Ratio Lower Upper

56 100

55 74.0 57.0 85.4



#14

Allyl chloride

Concen: 20.758 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

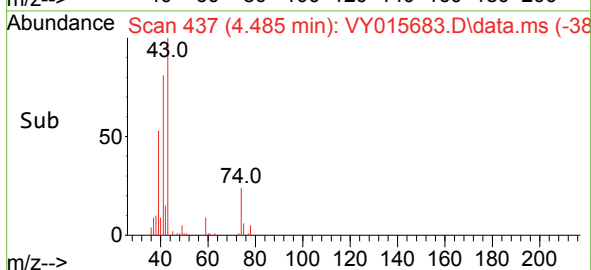
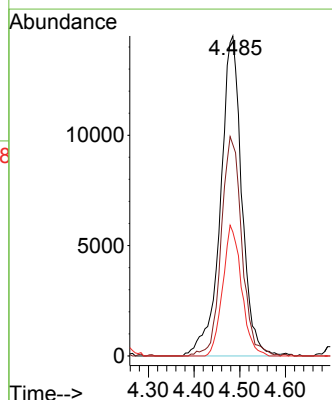
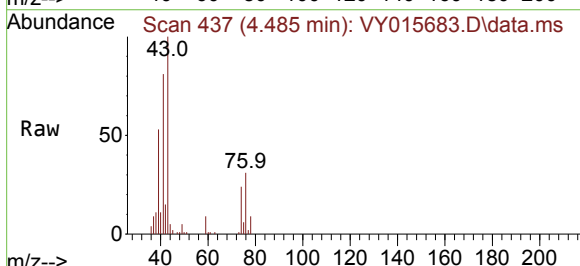
Tgt Ion: 41 Resp: 46990

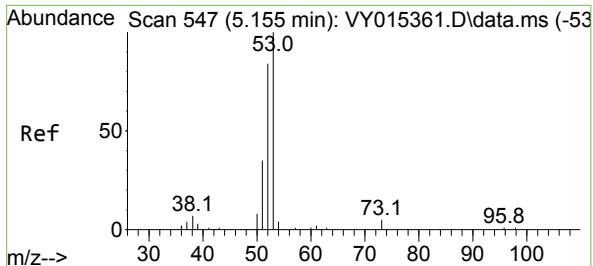
Ion Ratio Lower Upper

41 100

39 66.4 58.0 87.0

76 36.1 27.4 41.2

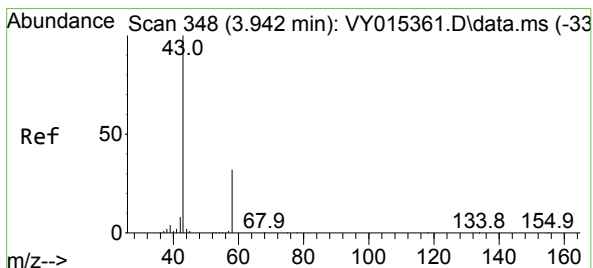
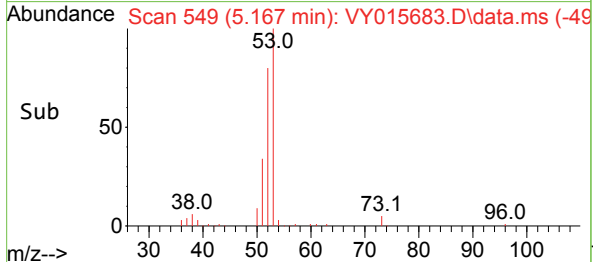
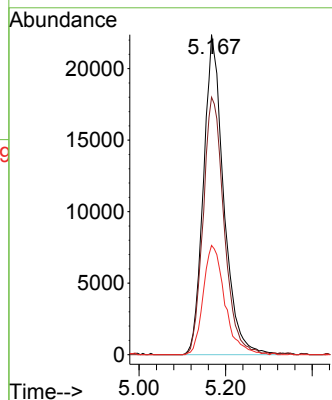
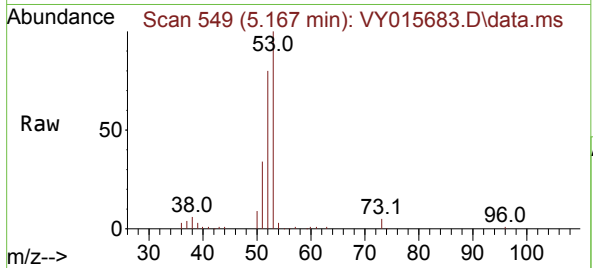




#15
Acrylonitrile
Concen: 103.413 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

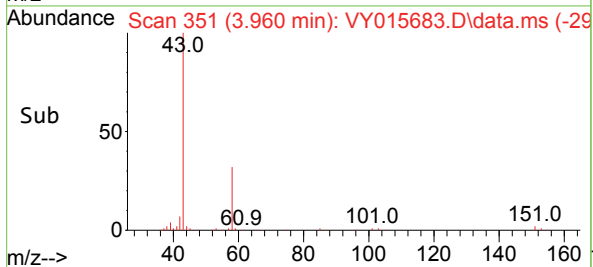
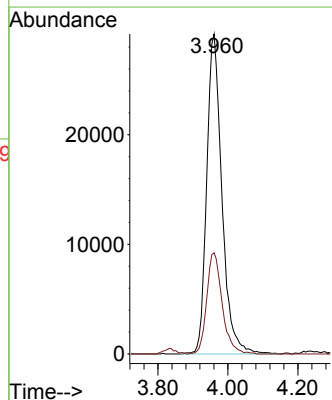
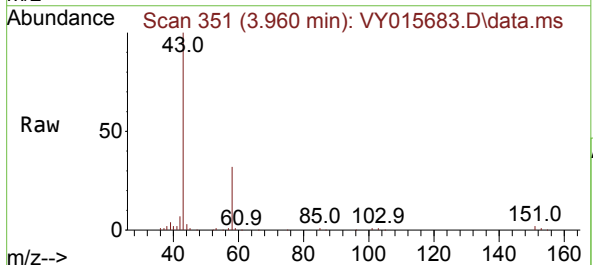
Instrument :
MSVOA_Y
ClientSampleId :

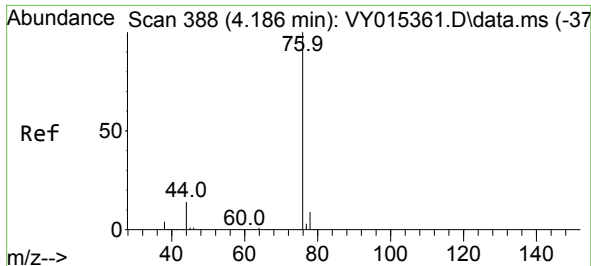
Tgt Ion: 53 Resp: 72598
Ion Ratio Lower Upper
53 100
52 83.0 66.9 100.3
51 36.5 29.8 44.6



#16
Acetone
Concen: 106.296 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion: 43 Resp: 88083
Ion Ratio Lower Upper
43 100
58 31.6 22.7 34.1

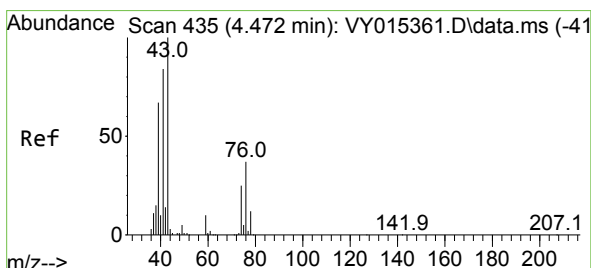
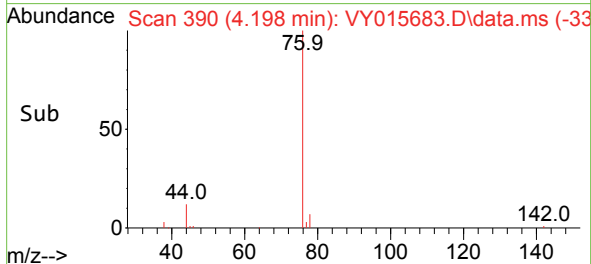
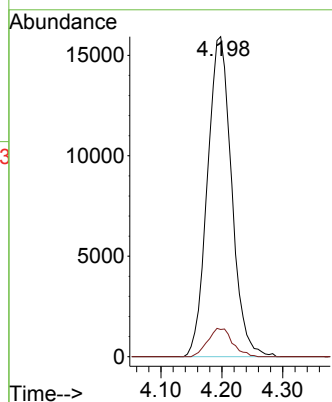
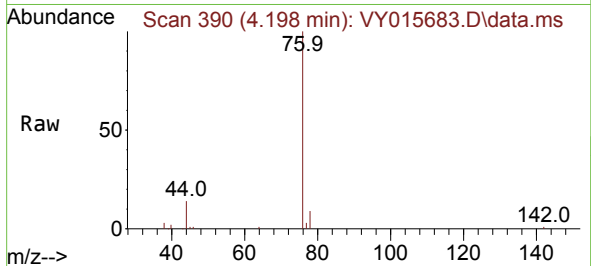




#17
Carbon Disulfide
Concen: 18.269 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

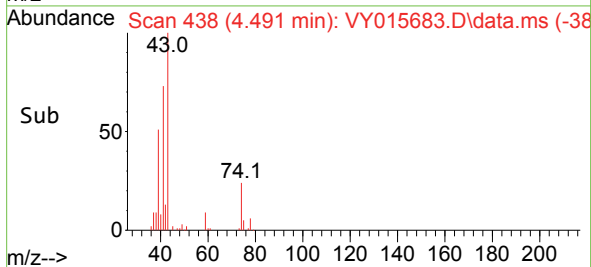
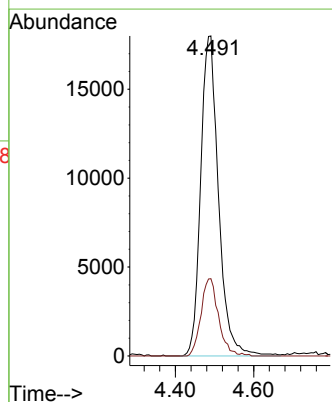
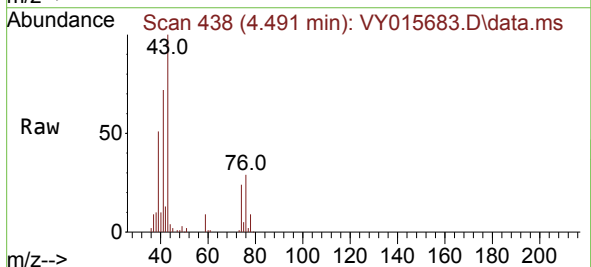
Instrument :
MSVOA_Y
ClientSampleId :

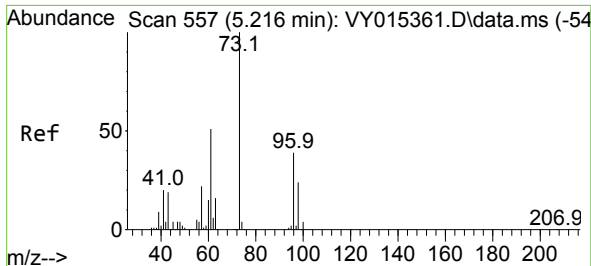
Tgt Ion: 76 Resp: 43942
Ion Ratio Lower Upper
76 100
78 8.5 7.0 10.4



#18
Methyl Acetate
Concen: 20.480 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.019 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion: 43 Resp: 56941
Ion Ratio Lower Upper
43 100
74 23.6 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 21.453 ug/l

RT: 5.228 min Scan# 5

Delta R.T. 0.018 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

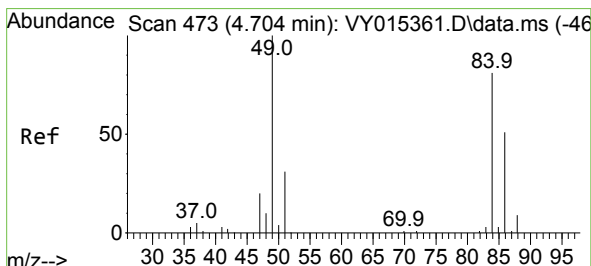
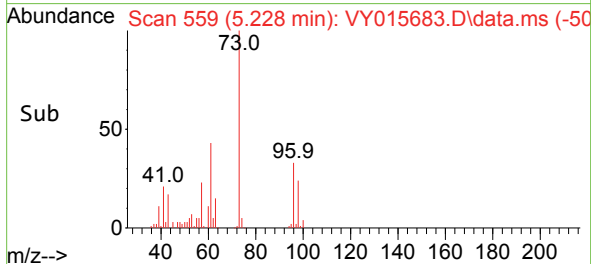
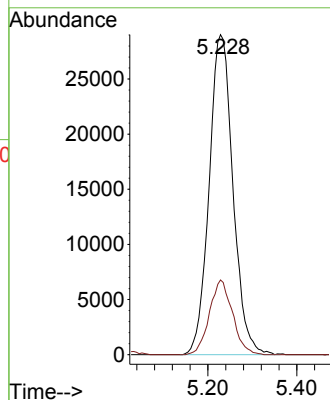
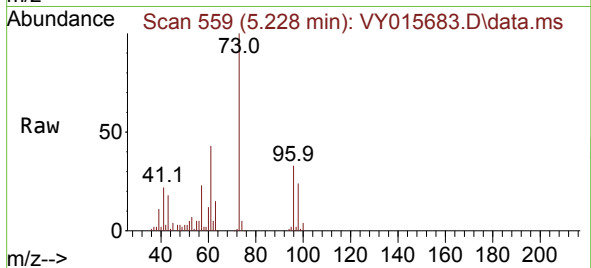
ClientSampleId :

Tgt Ion: 73 Resp: 108179

Ion Ratio Lower Upper

73 100

57 23.4 17.3 25.9



#20

Methylene Chloride

Concen: 27.614 ug/l

RT: 4.716 min Scan# 475

Delta R.T. 0.012 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Tgt Ion: 84 Resp: 54046

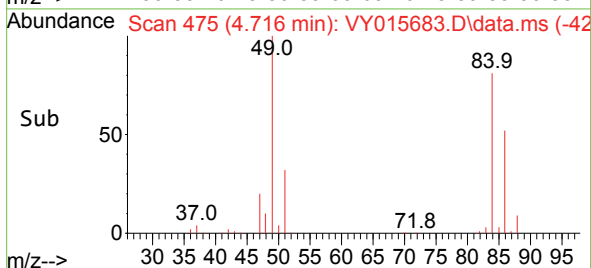
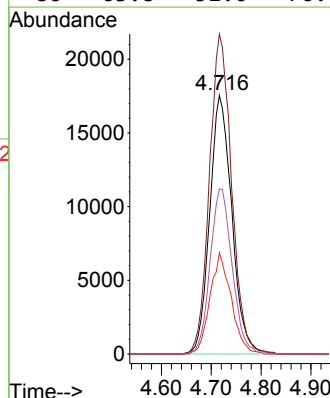
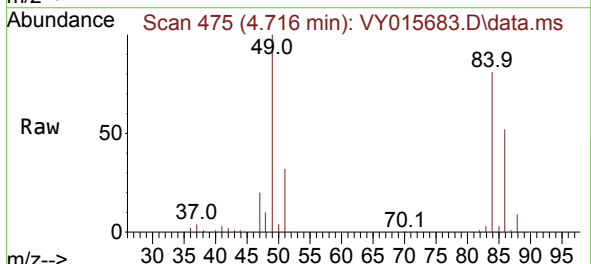
Ion Ratio Lower Upper

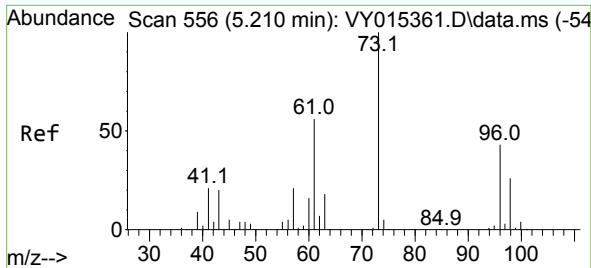
84 100

49 123.7 106.9 160.3

51 39.2 33.2 49.8

86 63.8 51.0 76.6

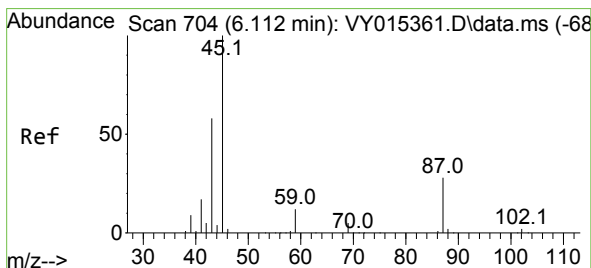
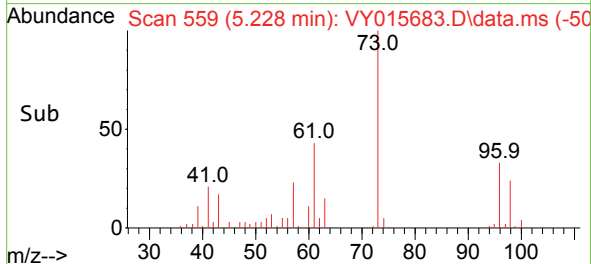
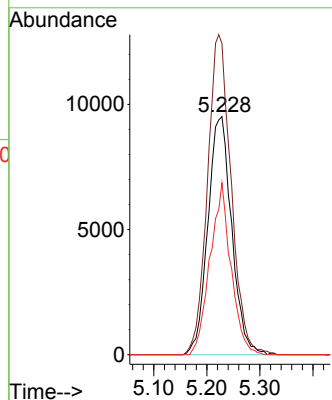
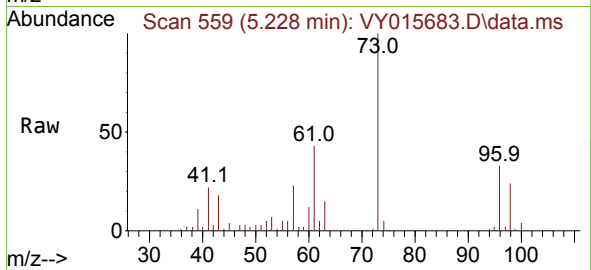




#21
trans-1,2-Dichloroethene
Concen: 20.981 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

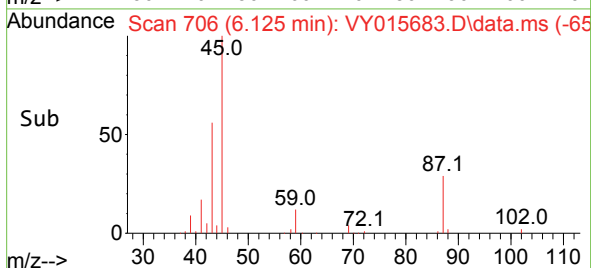
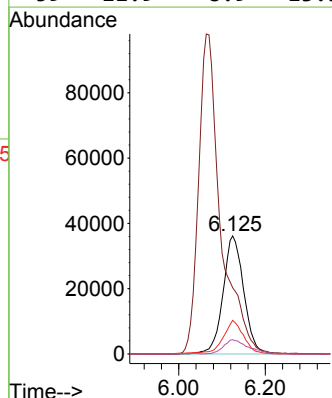
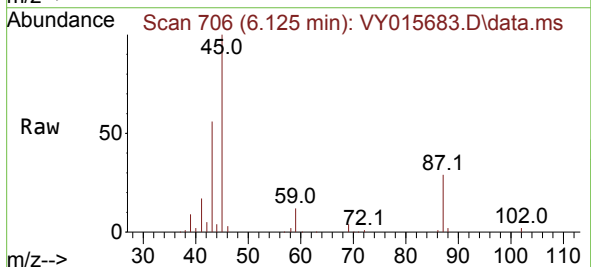
Instrument :
MSVOA_Y
ClientSampleId :

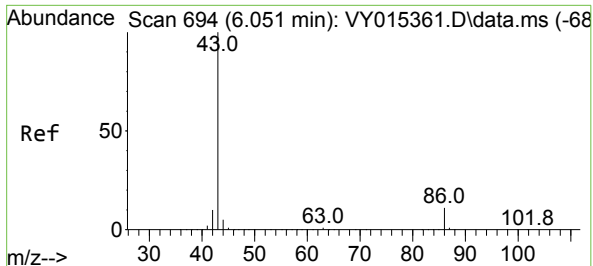
Tgt Ion: 96 Resp: 29692
Ion Ratio Lower Upper
96 100
61 130.7 110.2 165.4
98 72.1 51.8 77.6



#22
Diisopropyl ether
Concen: 22.008 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.013 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion: 45 Resp: 119897
Ion Ratio Lower Upper
45 100
43 55.7 52.2 78.4
87 28.5 21.0 31.6
59 11.9 8.9 13.3

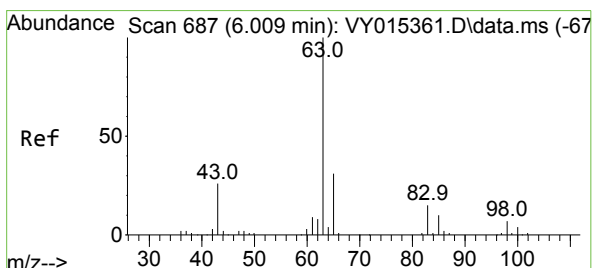
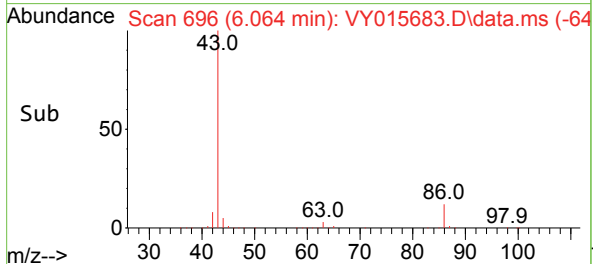
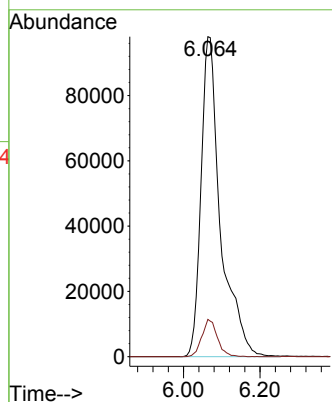
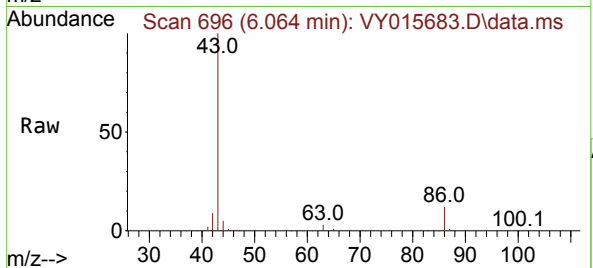




#23
 Vinyl Acetate
 Concen: 103.130 ug/l
 RT: 6.064 min Scan# 696
 Delta R.T. 0.013 min
 Lab File: VY015683.D
 Acq: 22 Sep 2023 13:55

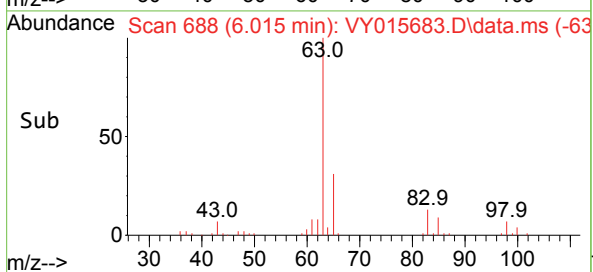
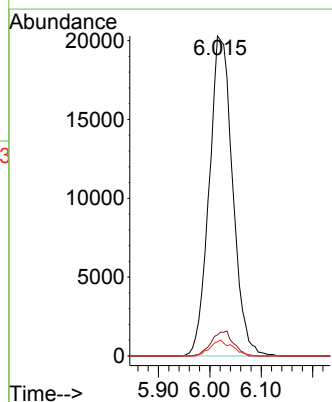
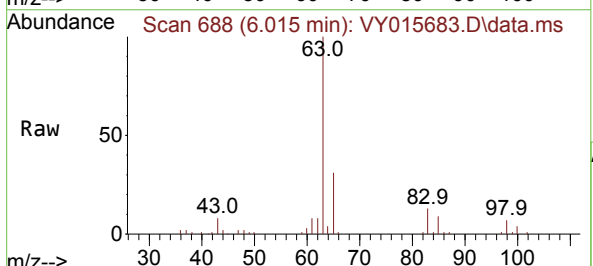
Instrument :
 MSVOA_Y
 ClientSampleId :

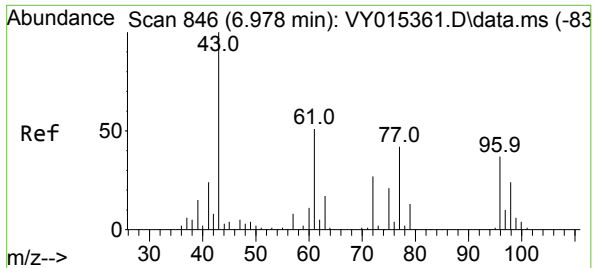
Tgt Ion: 43 Resp: 346785
 Ion Ratio Lower Upper
 43 100
 86 11.7 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 21.681 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015683.D
 Acq: 22 Sep 2023 13:55

Tgt Ion: 63 Resp: 64381
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 102.434 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

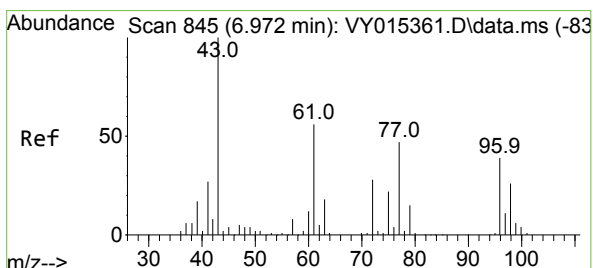
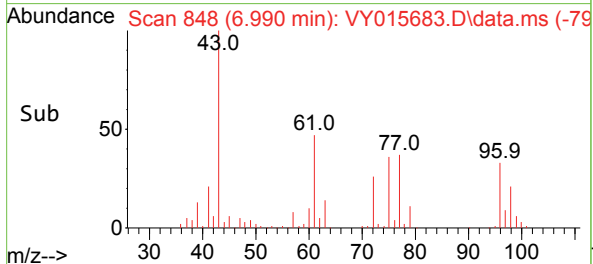
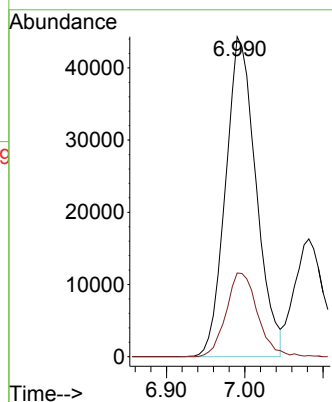
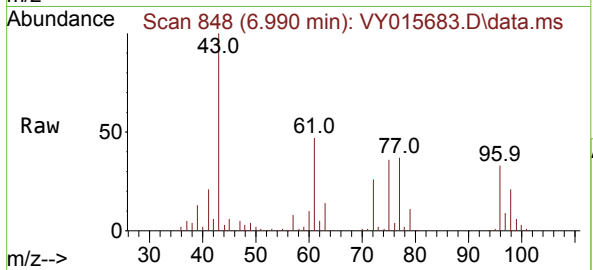
ClientSampleId :

Tgt Ion: 43 Resp: 119979

Ion Ratio Lower Upper

43 100

72 26.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 19.383 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.012 min

Lab File: VY015683.D

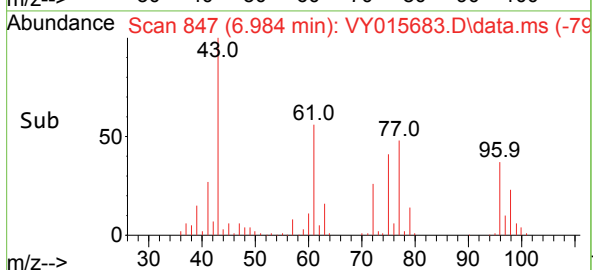
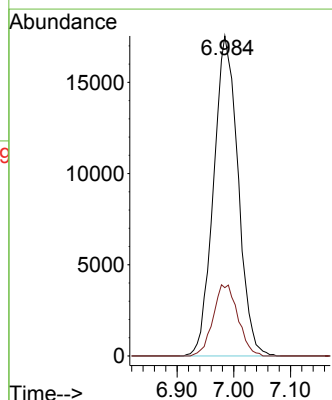
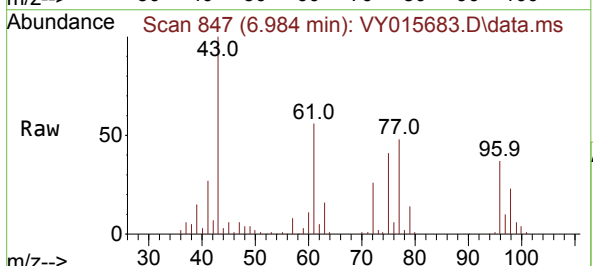
Acq: 22 Sep 2023 13:55

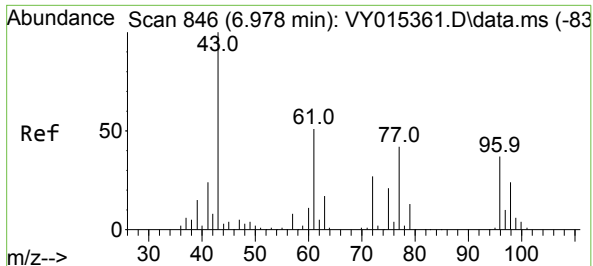
Tgt Ion: 77 Resp: 52607

Ion Ratio Lower Upper

77 100

97 22.6 10.9 32.9

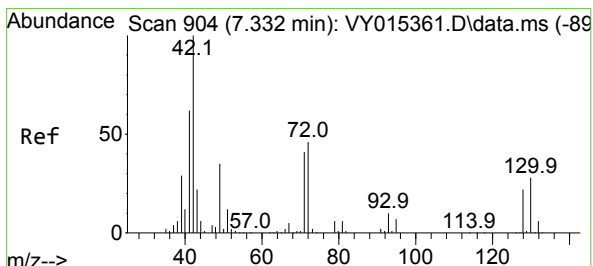
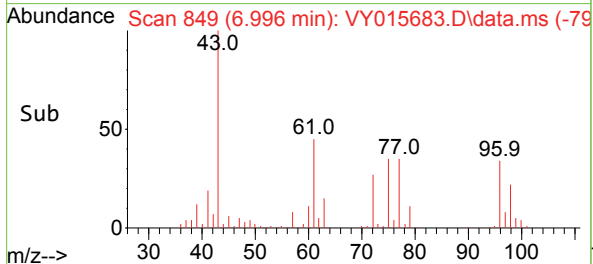
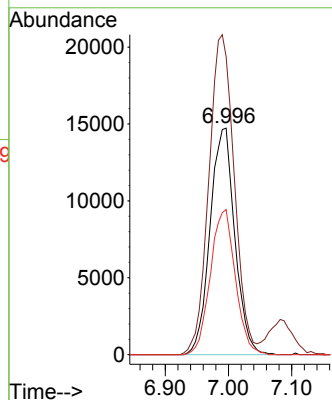
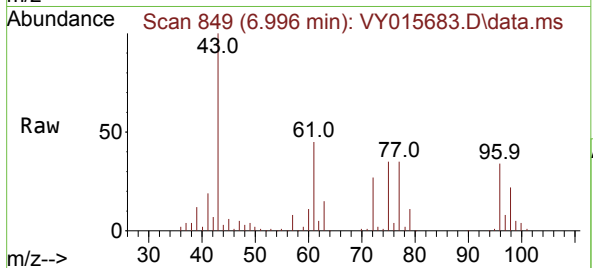




#27
 cis-1,2-Dichloroethene
 Concen: 21.328 ug/l
 RT: 6.996 min Scan# 846
 Delta R.T. 0.018 min
 Lab File: VY015683.D
 Acq: 22 Sep 2023 13:55

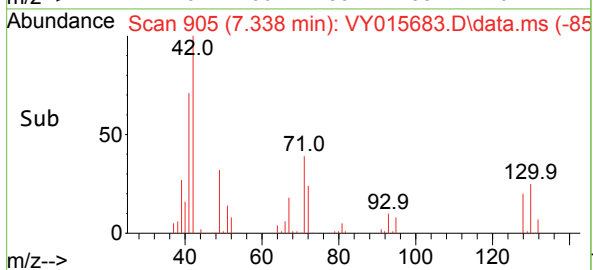
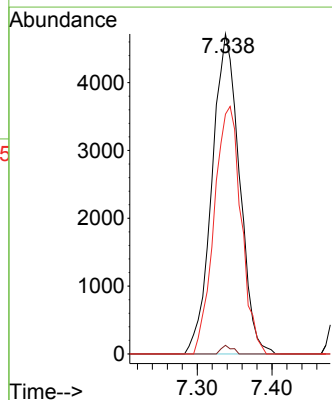
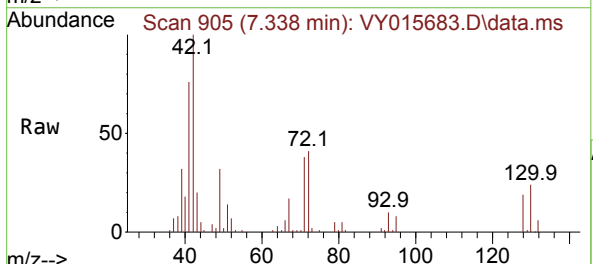
Instrument :
 MSVOA_Y
 ClientSampleId :

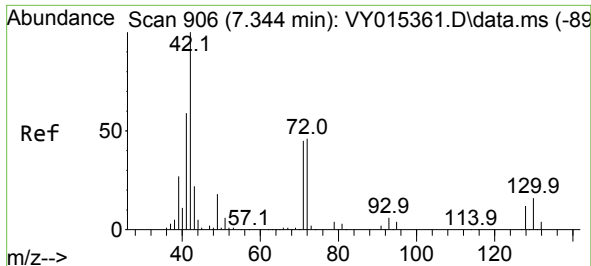
Tgt Ion: 96 Resp: 40070
 Ion Ratio Lower Upper
 96 100
 61 145.2 0.0 301.4
 98 64.6 0.0 130.4



#28
 Bromochloromethane
 Concen: 14.986 ug/l
 RT: 7.338 min Scan# 905
 Delta R.T. 0.012 min
 Lab File: VY015683.D
 Acq: 22 Sep 2023 13:55

Tgt Ion: 49 Resp: 12073
 Ion Ratio Lower Upper
 49 100
 129 1.1 0.0 4.6
 130 75.9 60.7 91.1





#29

Tetrahydrofuran

Concen: 102.162 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015683.D

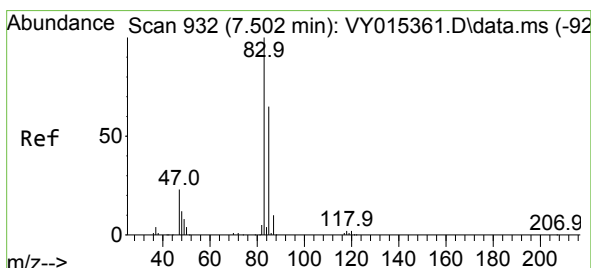
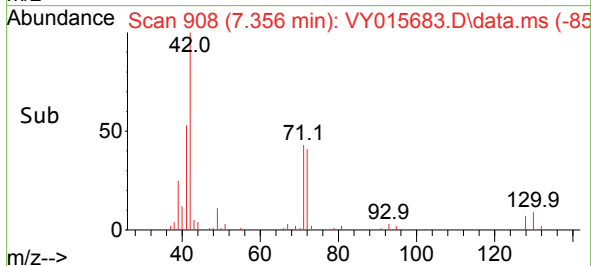
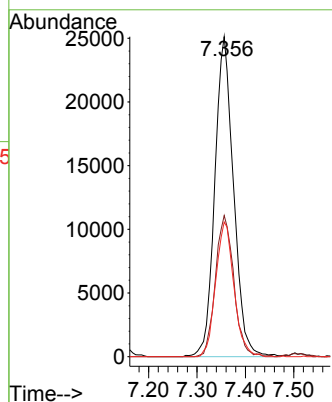
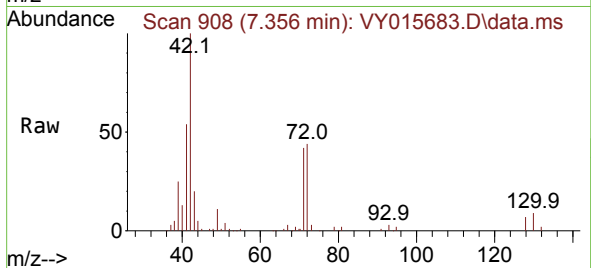
Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	67633
Ion	Ratio	Lower	Upper
42	100		
72	43.1	32.8	49.2
71	40.9	31.0	46.4



#30

Chloroform

Concen: 22.137 ug/l

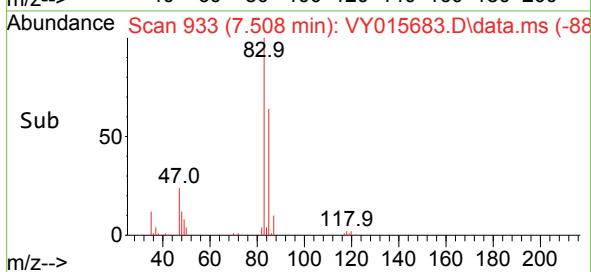
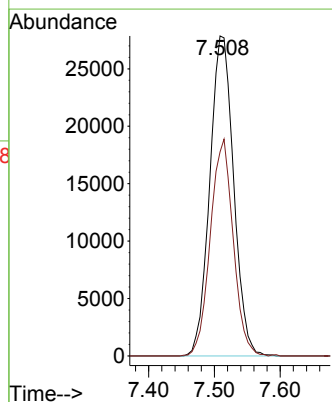
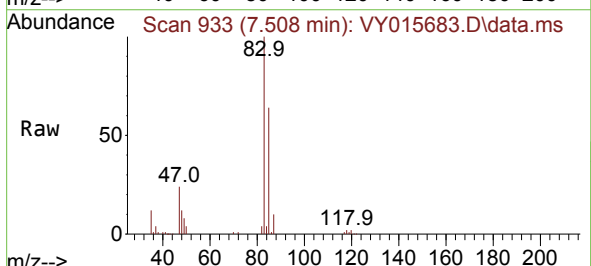
RT: 7.508 min Scan# 933

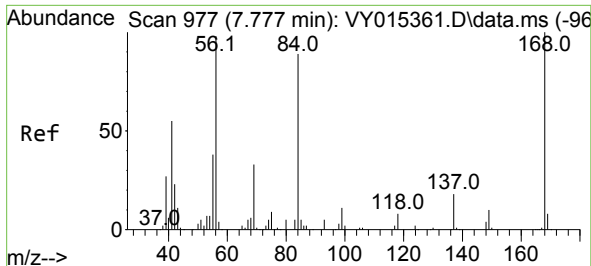
Delta R.T. 0.012 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

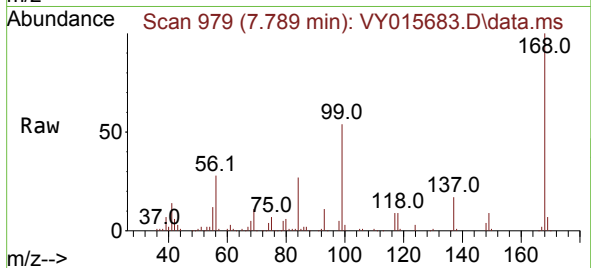
Tgt Ion:	83	Resp:	70395
Ion	Ratio	Lower	Upper
83	100		
85	63.8	49.7	74.5



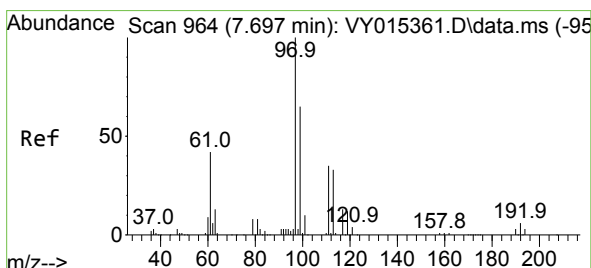
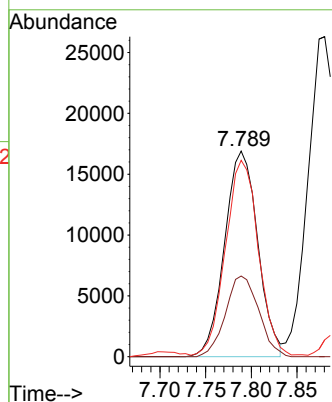
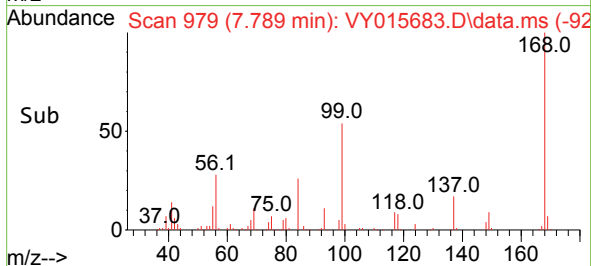


#31
Cyclohexane
Concen: 19.886 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

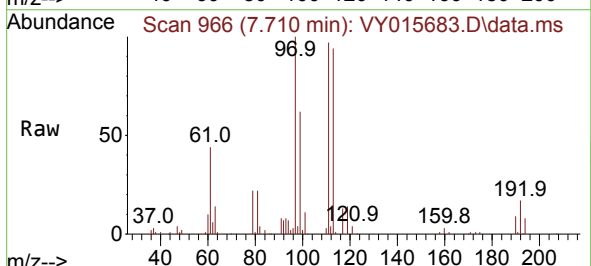
Instrument :
MSVOA_Y
ClientSampleId :



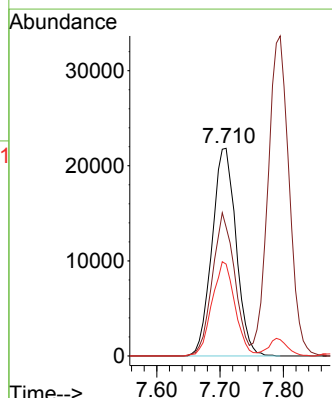
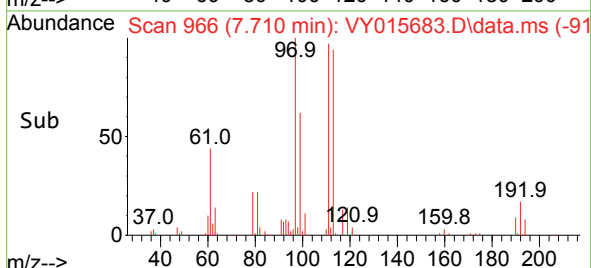
Tgt Ion: 56 Resp: 42656
Ion Ratio Lower Upper
56 100
69 39.2 27.8 41.6
84 94.2 66.4 99.6

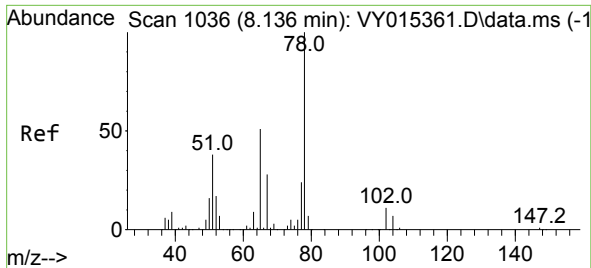


#32
1,1,1-Trichloroethane
Concen: 21.886 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.019 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55



Tgt Ion: 97 Resp: 57455
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 43.5 35.1 52.7

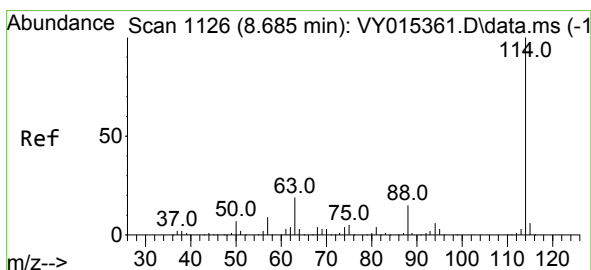
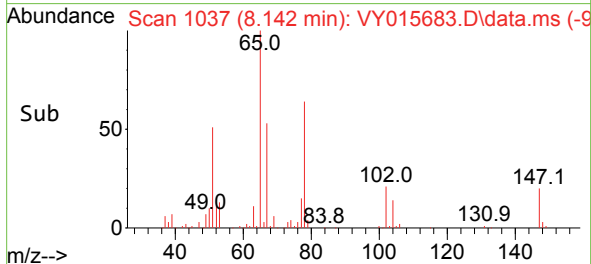
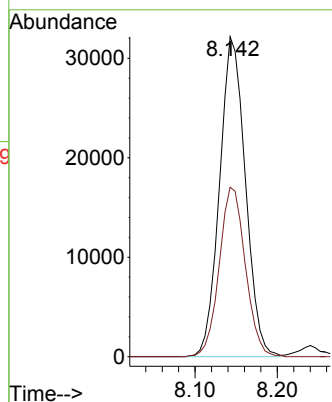
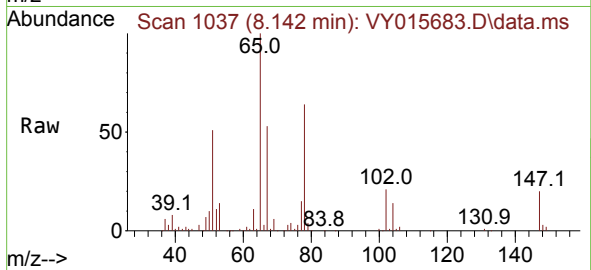




#33
 1,2-Dichloroethane-d4
 Concen: 45.389 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. 0.006 min
 Lab File: VY015683.D
 Acq: 22 Sep 2023 13:55

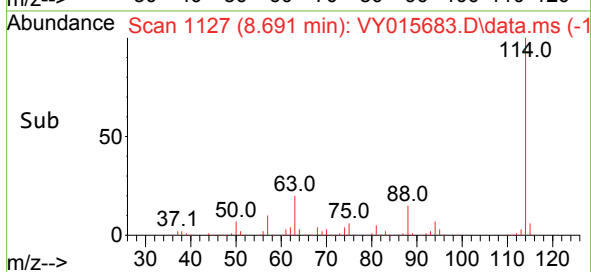
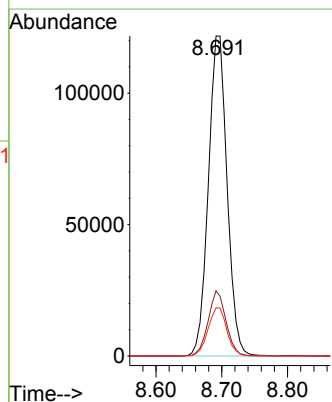
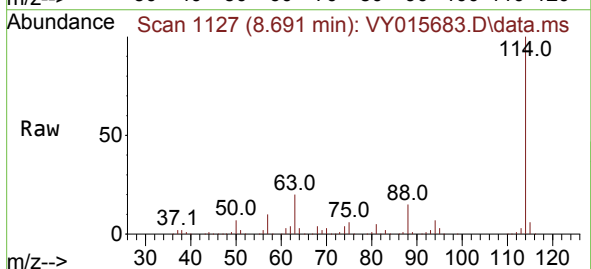
Instrument :
 MSVOA_Y
 ClientSampleId :

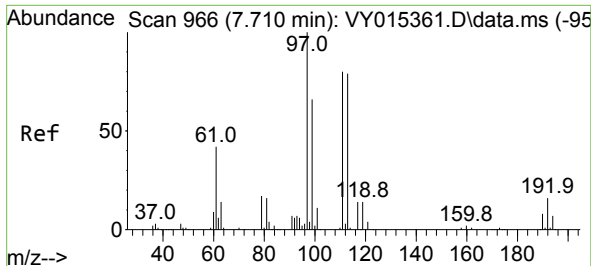
Tgt Ion: 65 Resp: 70282
 Ion Ratio Lower Upper
 65 100
 67 53.6 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VY015683.D
 Acq: 22 Sep 2023 13:55

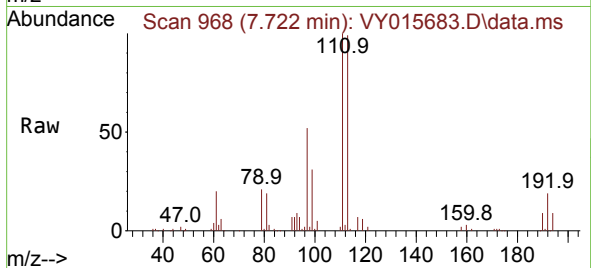
Tgt Ion:114 Resp: 241035
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 42.4
 88 15.0 0.0 30.6



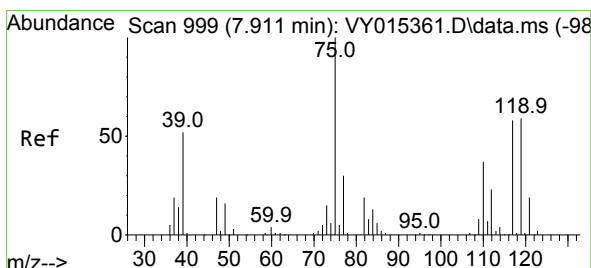
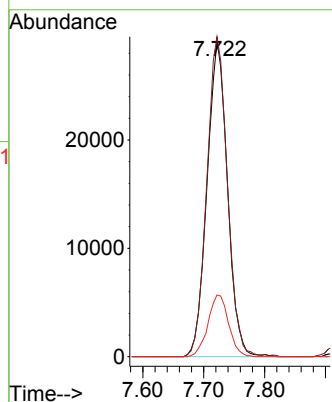
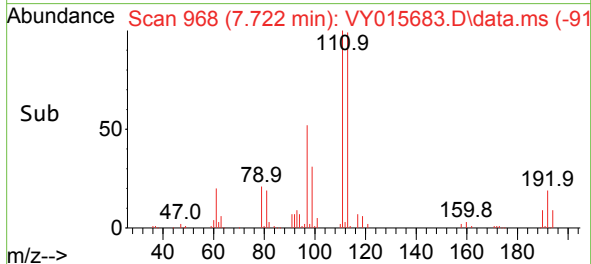


#35
Dibromofluoromethane
Concen: 47.023 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

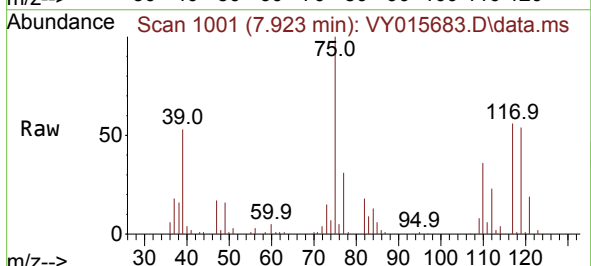
Instrument :
MSVOA_Y
ClientSampleId :



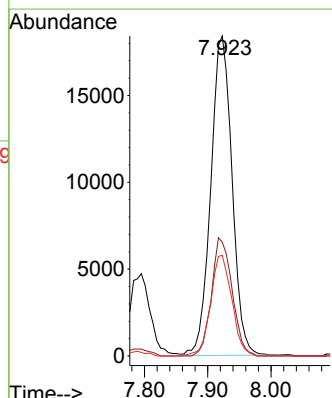
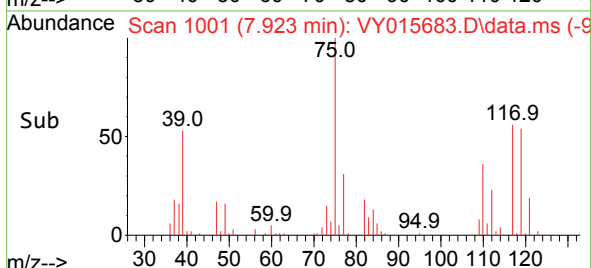
Tgt Ion:113 Resp: 67839
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.7 16.9 25.3

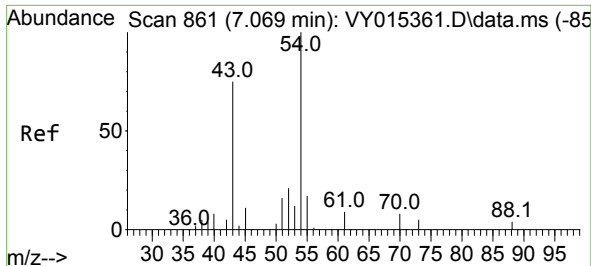


#36
1,1-Dichloropropene
Concen: 20.185 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55



Tgt Ion: 75 Resp: 43057
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 31.4 24.4 36.6





#37

Ethyl Acetate

Concen: 20.745 ug/l

RT: 7.082 min Scan# 80

Delta R.T. 0.019 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

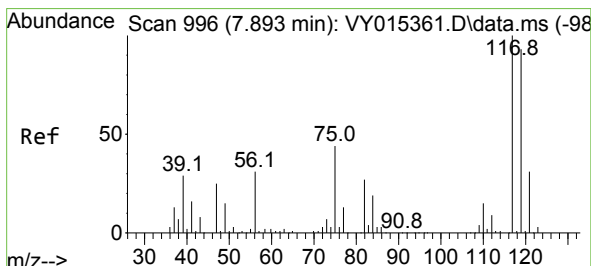
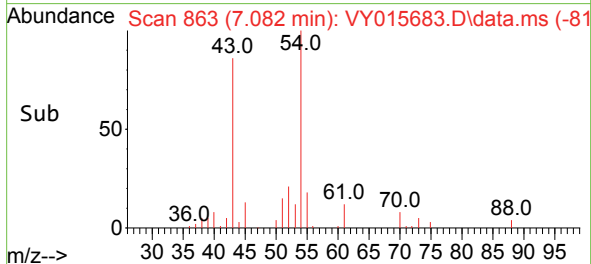
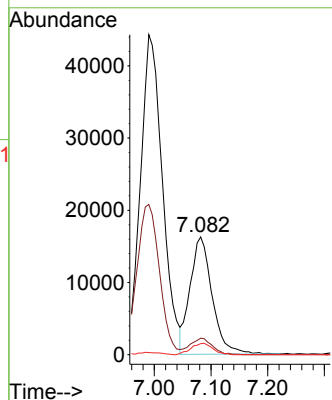
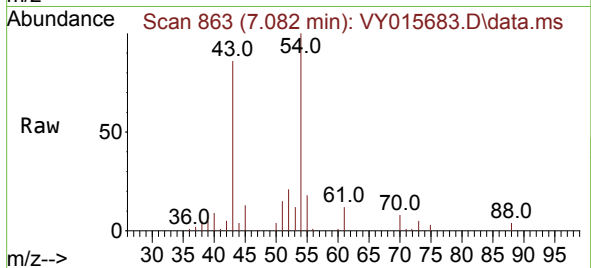
Tgt Ion: 43 Resp: 44138

Ion Ratio Lower Upper

43 100

61 14.2 10.1 15.1

70 9.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 21.321 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.012 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

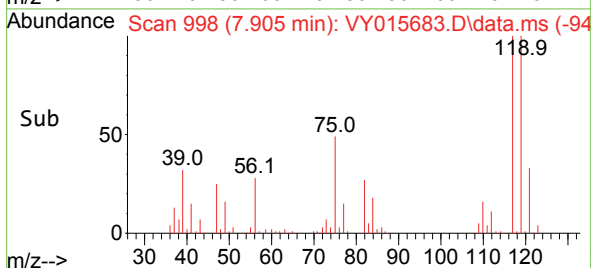
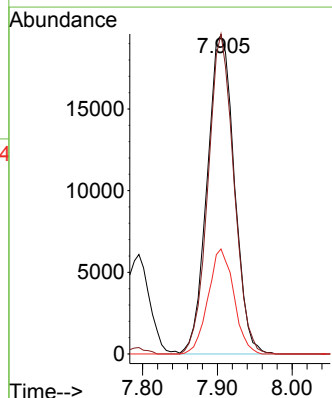
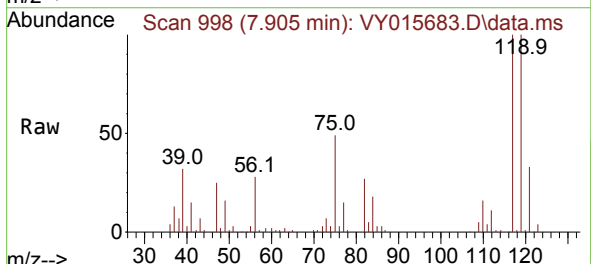
Tgt Ion: 117 Resp: 49367

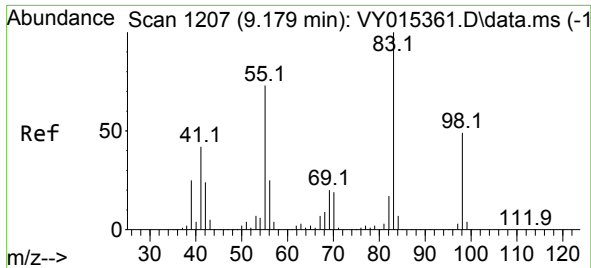
Ion Ratio Lower Upper

117 100

119 100.4 76.4 114.6

121 32.9 25.8 38.6





#39

Methylcyclohexane

Concen: 19.876 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

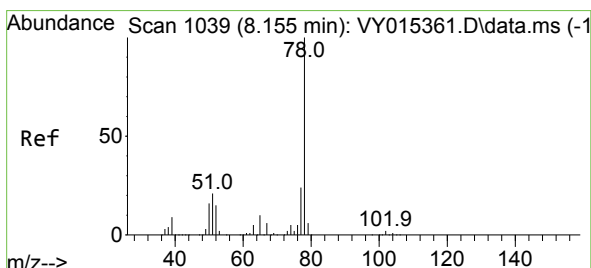
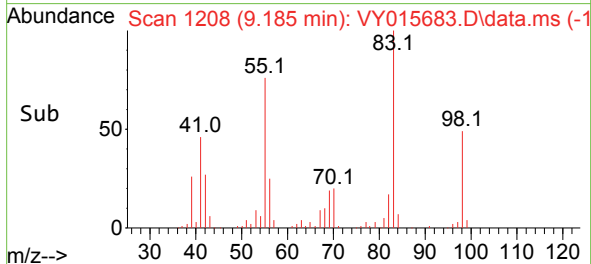
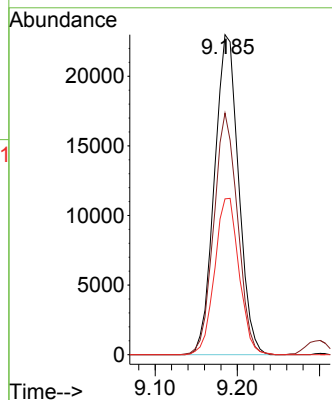
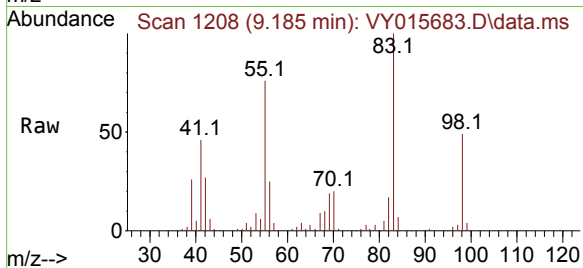
Tgt Ion: 83 Resp: 46895

Ion Ratio Lower Upper

83 100

55 75.5 63.0 94.4

98 48.7 37.4 56.2



#40

Benzene

Concen: 21.246 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015683.D

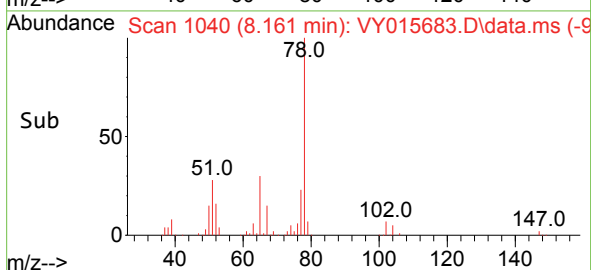
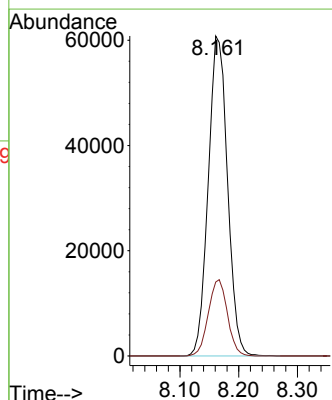
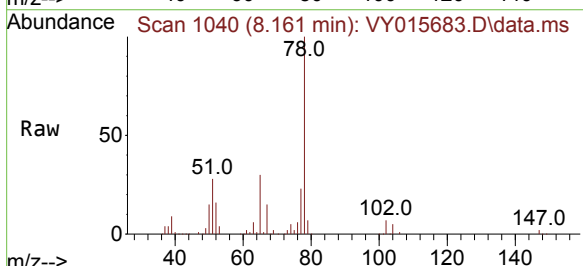
Acq: 22 Sep 2023 13:55

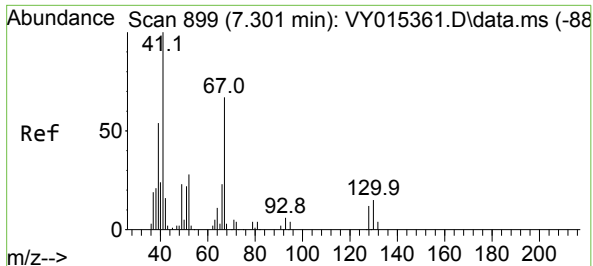
Tgt Ion: 78 Resp: 138204

Ion Ratio Lower Upper

78 100

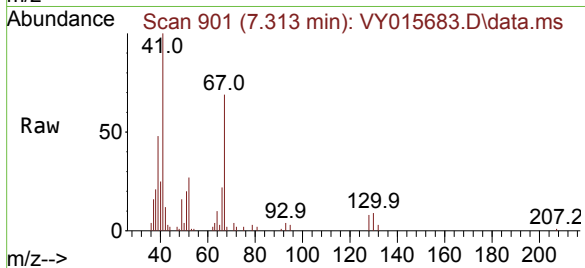
77 23.1 19.0 28.6



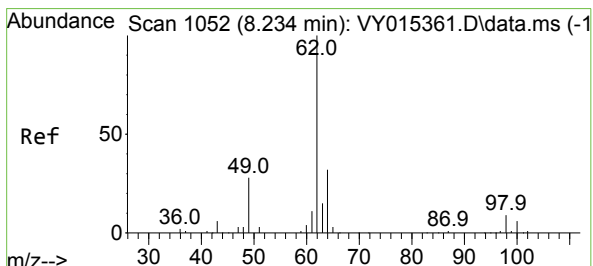
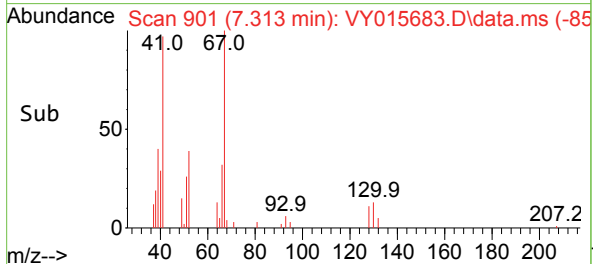
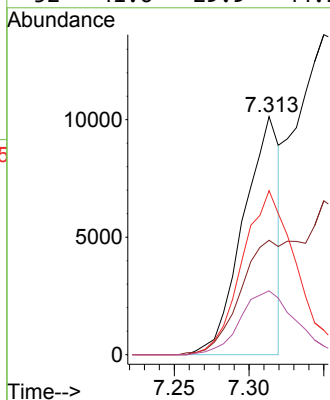


#41
Methacrylonitrile
Concen: 14.928 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :

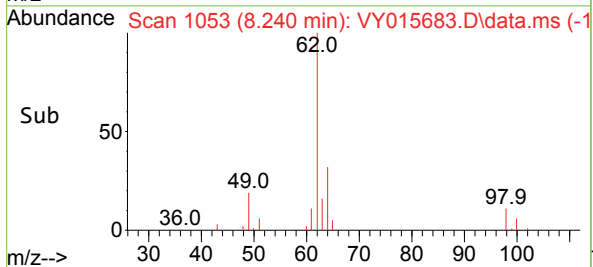
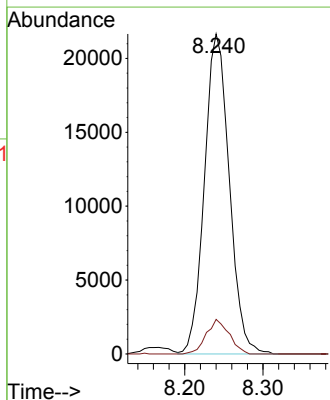
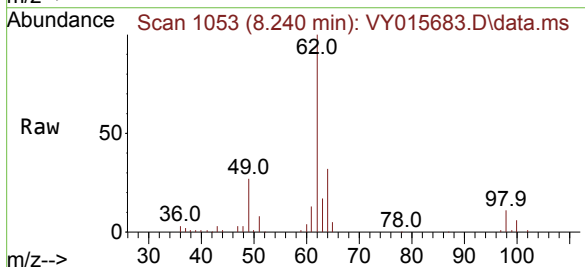


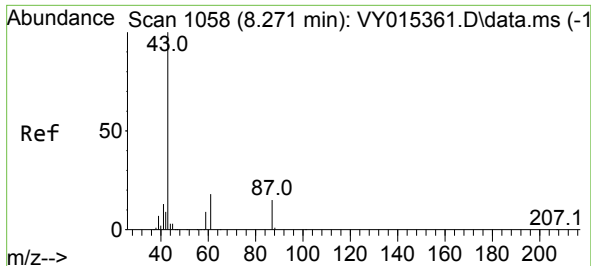
Tgt Ion:	41	Resp:	17102
Ion Ratio	Lower	Upper	
41	100		
39	52.6	52.1	78.1
67	103.6	66.2	99.2#
52	41.6	29.9	44.9



#42
1,2-Dichloroethane
Concen: 21.405 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

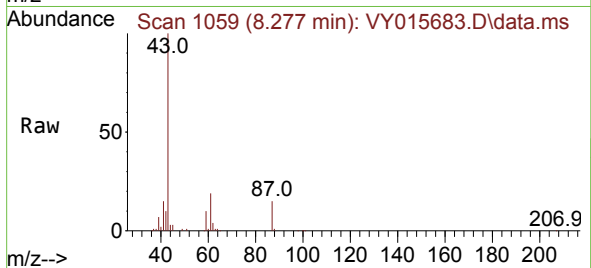
Tgt Ion:	62	Resp:	47686
Ion Ratio	Lower	Upper	
62	100		
98	10.0	0.0	15.8



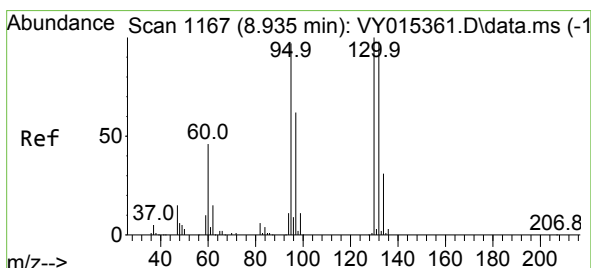
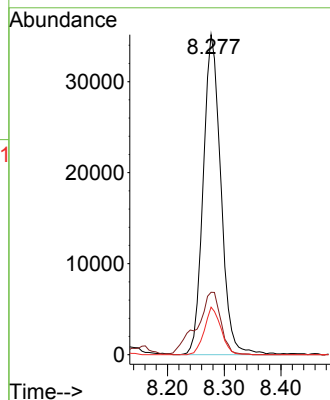
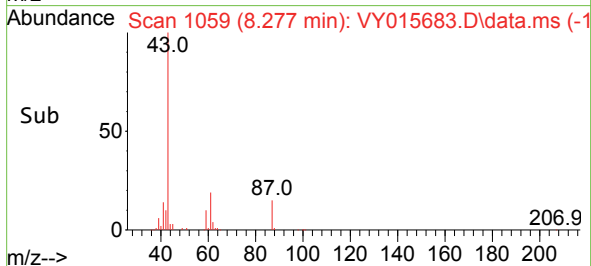


#43
Isopropyl Acetate
Concen: 20.904 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.013 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :

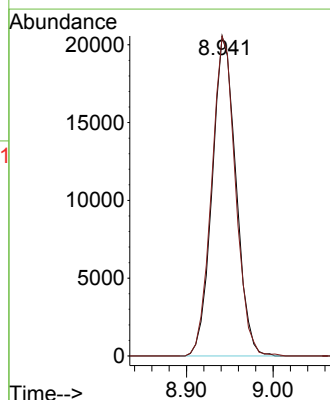
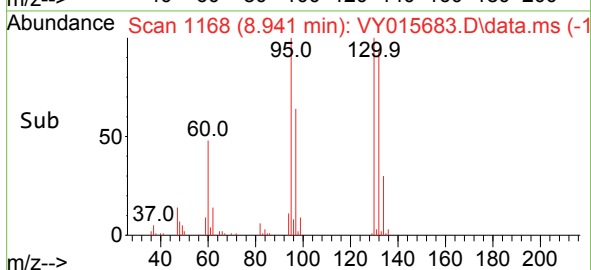
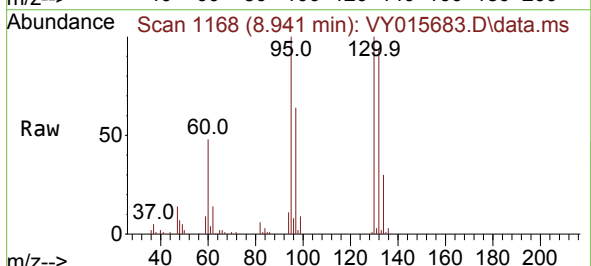


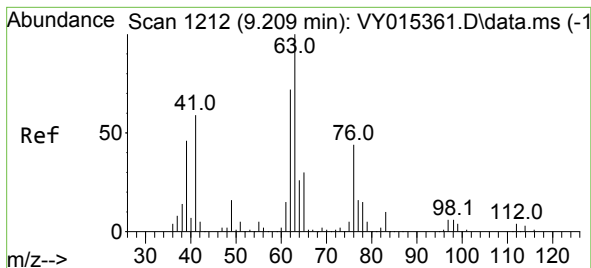
Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.5	21.1	31.7
87	14.0	9.8	14.8



#44
Trichloroethene
Concen: 21.575 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.8	0.0	196.0





#45

1,2-Dichloropropane

Concen: 21.832 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.007 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

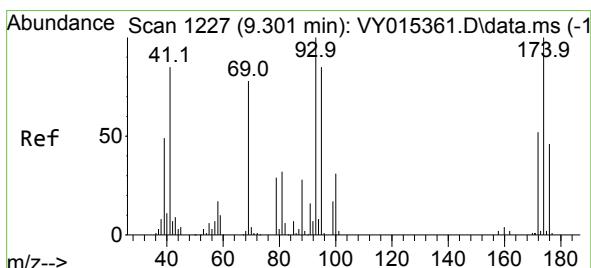
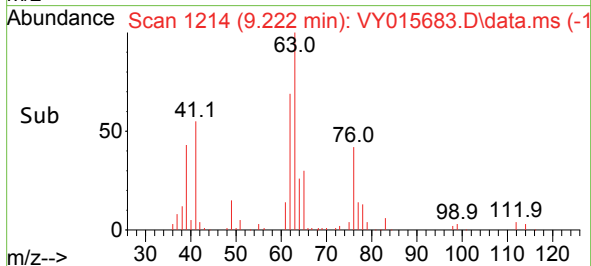
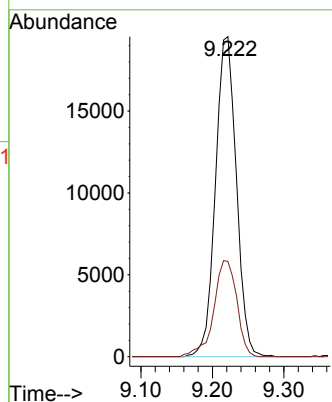
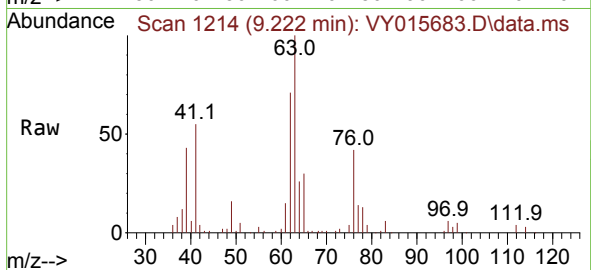
ClientSampleId :

Tgt Ion: 63 Resp: 39604

Ion Ratio Lower Upper

63 100

65 29.8 23.8 35.6



#46

Dibromomethane

Concen: 20.975 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

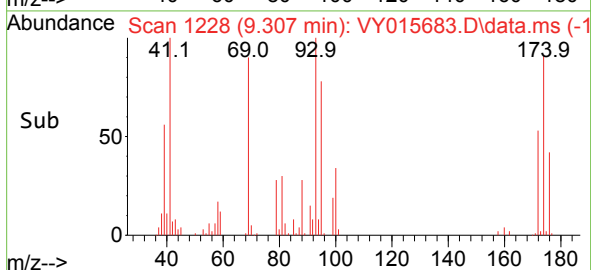
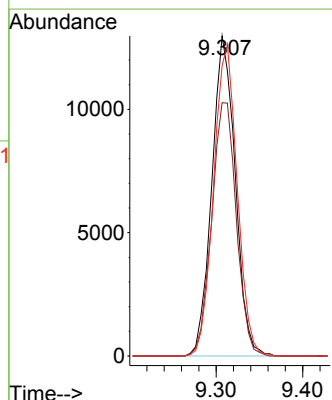
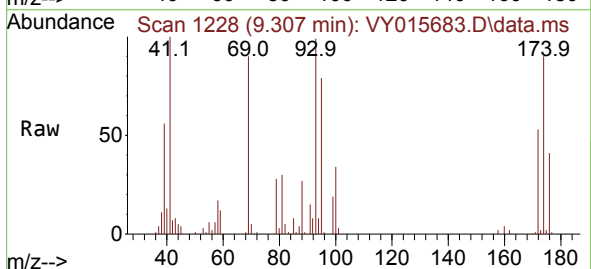
Tgt Ion: 93 Resp: 24339

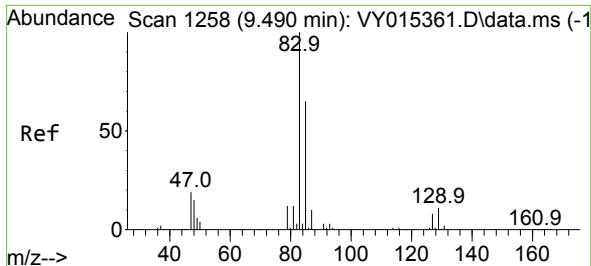
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 98.0 84.8 127.2

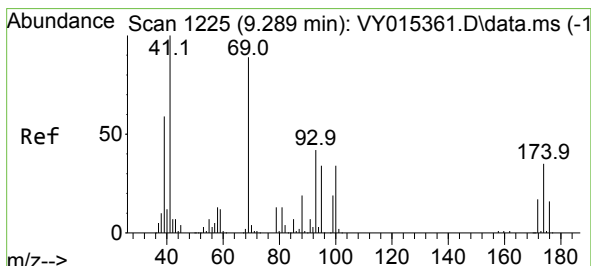
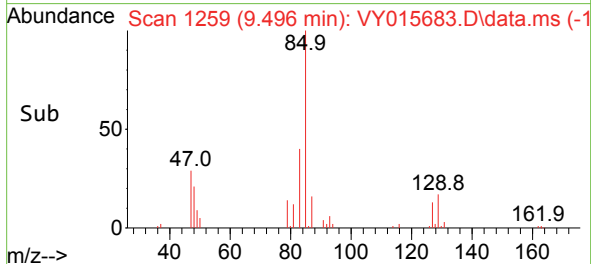
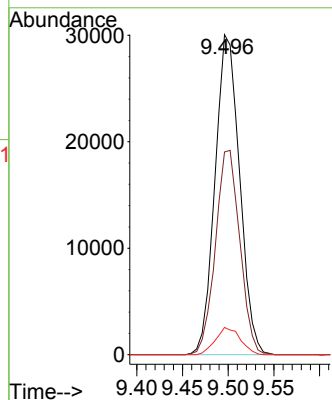
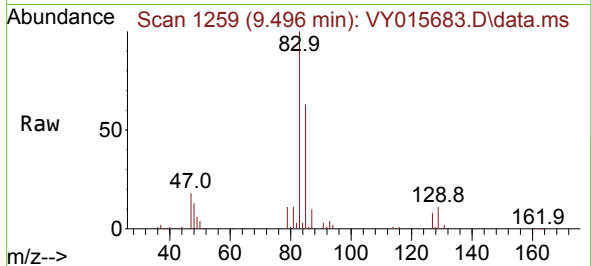




#47
Bromodichloromethane
Concen: 21.748 ug/l
RT: 9.496 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

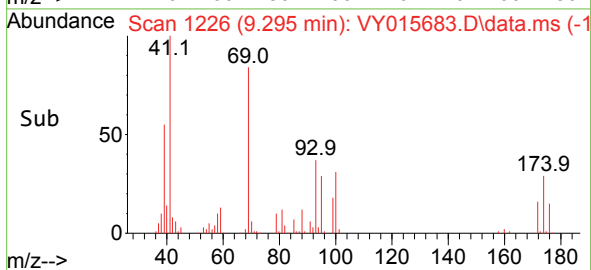
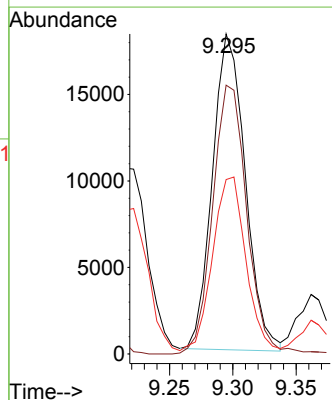
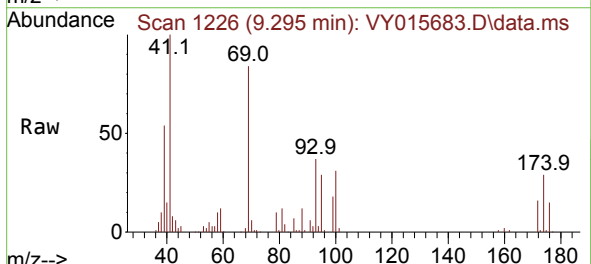
Instrument :
MSVOA_Y
ClientSampleId :

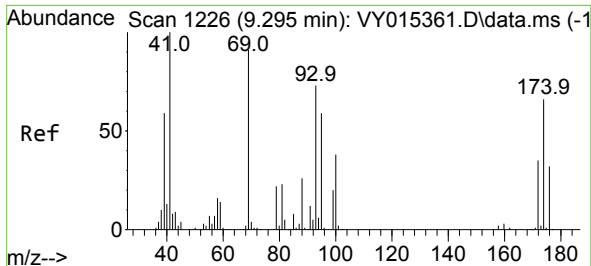
Tgt Ion: 83 Resp: 56252
Ion Ratio Lower Upper
83 100
85 63.3 50.1 75.1
127 8.5 7.1 10.7



#48
Methyl methacrylate
Concen: 20.609 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion: 41 Resp: 32878
Ion Ratio Lower Upper
41 100
69 88.9 64.5 96.7
39 57.9 50.8 76.2





#49

1,4-Dioxane

Concen: 413.921 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.018 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

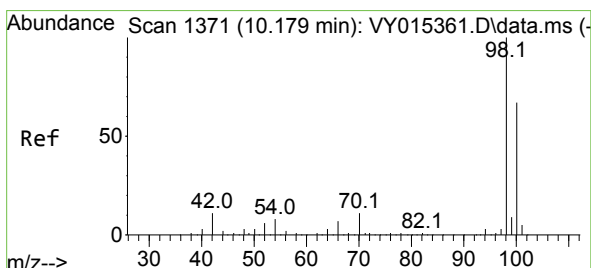
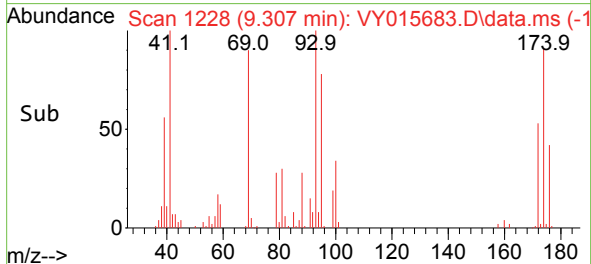
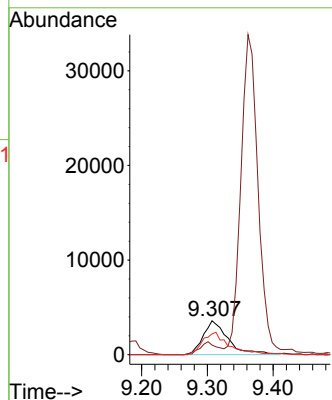
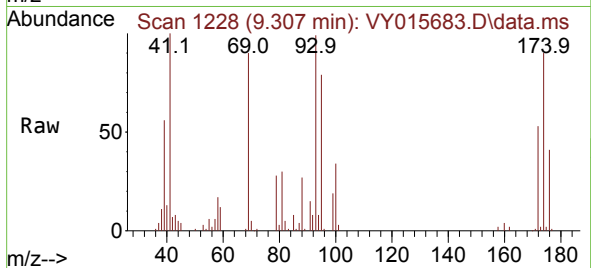
Tgt Ion: 88 Resp: 9489

Ion Ratio Lower Upper

88 100

43 26.9 0.0 0.0#

58 69.0 30.9 46.3#



#50

Toluene-d8

Concen: 44.407 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015683.D

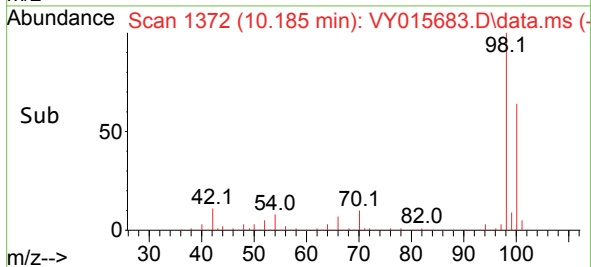
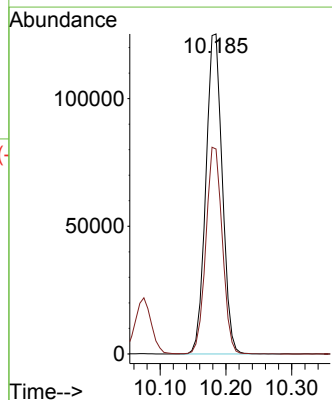
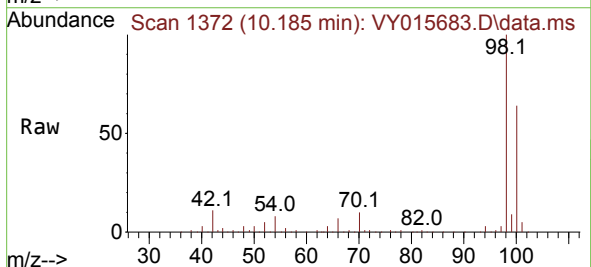
Acq: 22 Sep 2023 13:55

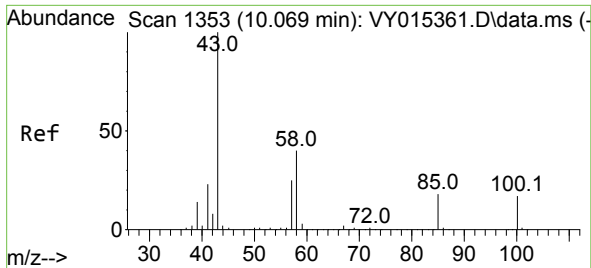
Tgt Ion: 98 Resp: 217222

Ion Ratio Lower Upper

98 100

100 64.8 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 103.356 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.006 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

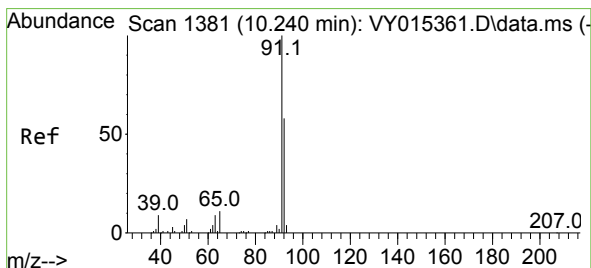
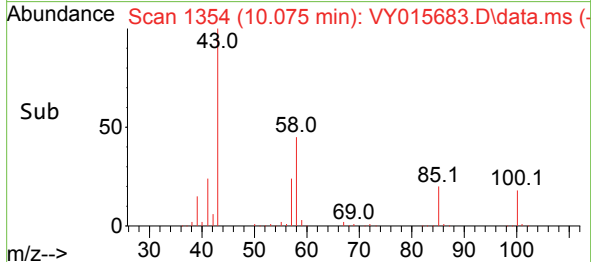
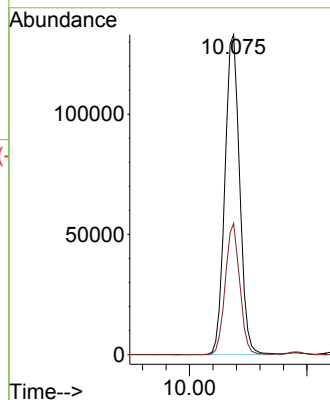
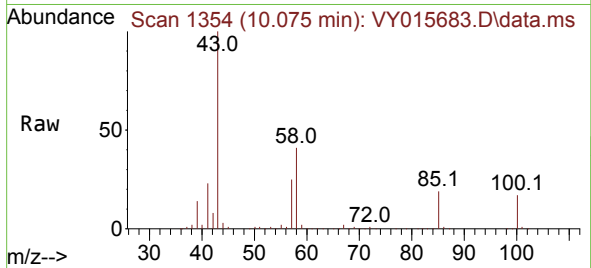
ClientSampleId :

Tgt Ion: 43 Resp: 232831

Ion Ratio Lower Upper

43 100

58 40.2 29.0 43.6



#52

Toluene

Concen: 21.358 ug/l

RT: 10.246 min Scan# 1382

Delta R.T. 0.006 min

Lab File: VY015683.D

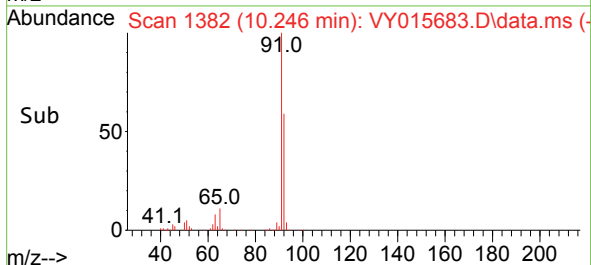
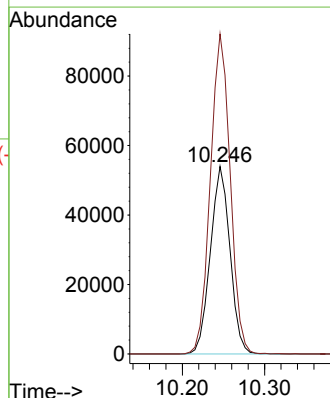
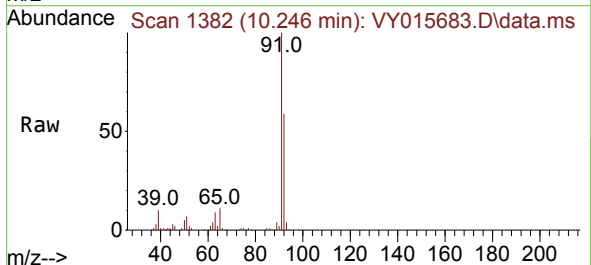
Acq: 22 Sep 2023 13:55

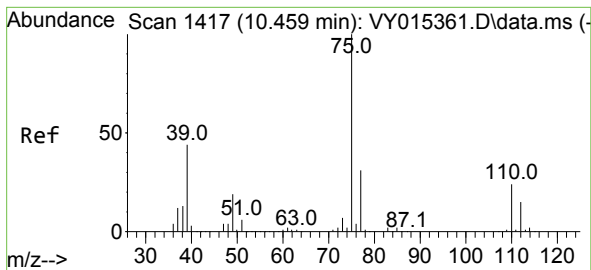
Tgt Ion: 92 Resp: 89568

Ion Ratio Lower Upper

92 100

91 172.7 143.8 215.6

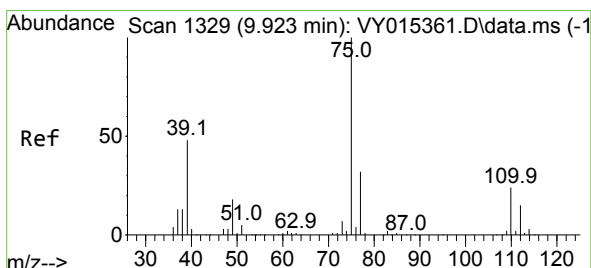
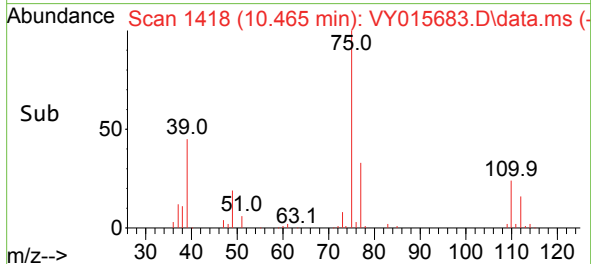
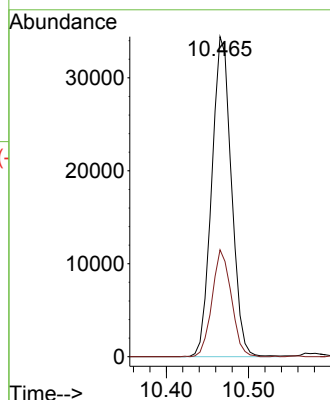
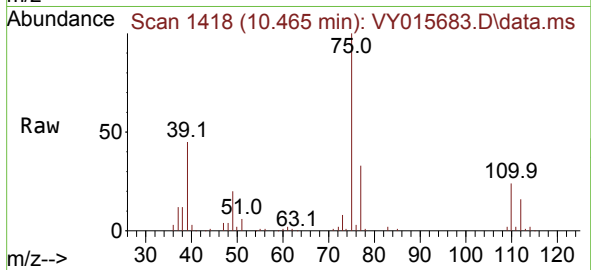




#53
 t-1,3-Dichloropropene
 Concen: 20.665 ug/l
 RT: 10.465 min Scan# 1417
 Delta R.T. 0.006 min
 Lab File: VY015683.D
 Acq: 22 Sep 2023 13:55

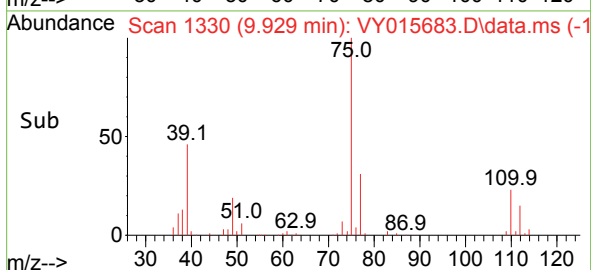
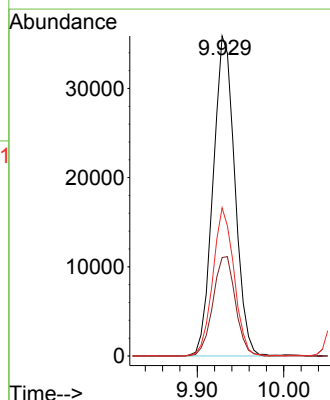
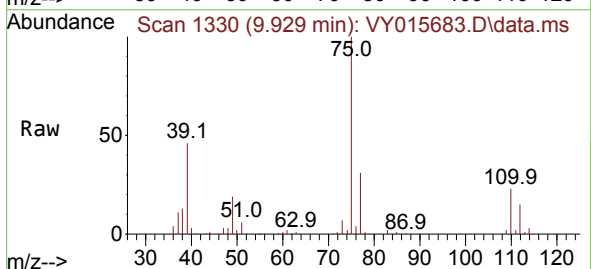
Instrument :
 MSVOA_Y
 ClientSampleId :

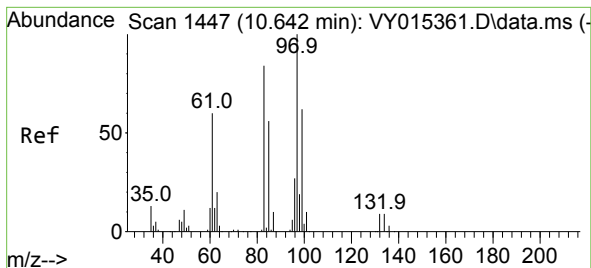
Tgt Ion: 75 Resp: 57317
 Ion Ratio Lower Upper
 75 100
 77 33.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.949 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.006 min
 Lab File: VY015683.D
 Acq: 22 Sep 2023 13:55

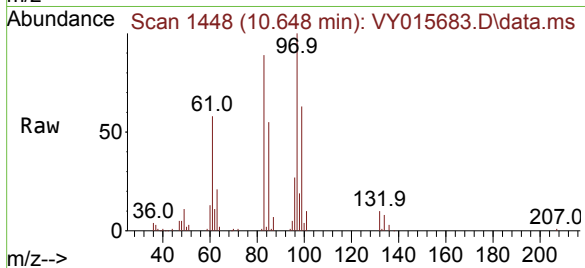
Tgt Ion: 75 Resp: 62546
 Ion Ratio Lower Upper
 75 100
 77 30.8 24.2 36.4
 39 46.3 42.2 63.4



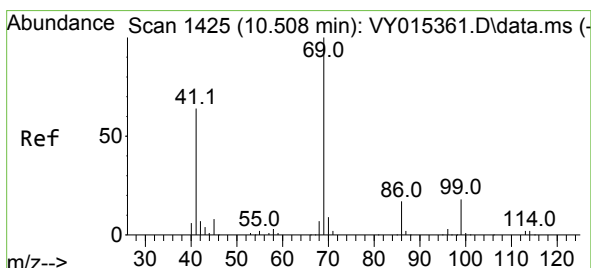
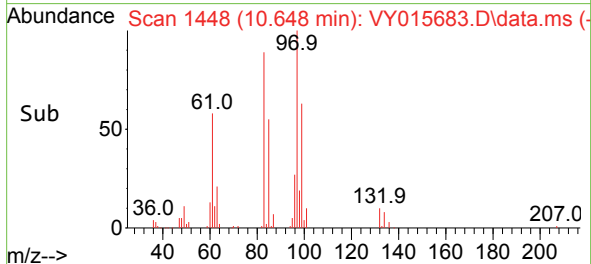
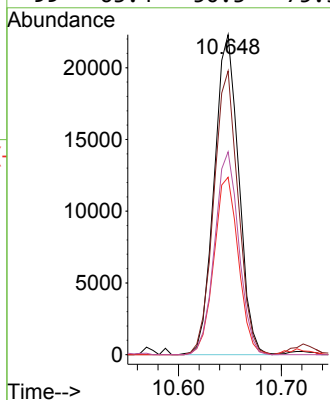


#55
1,1,2-Trichloroethane
Concen: 21.697 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Instrument :
MSVOA_Y
ClientSampleId :

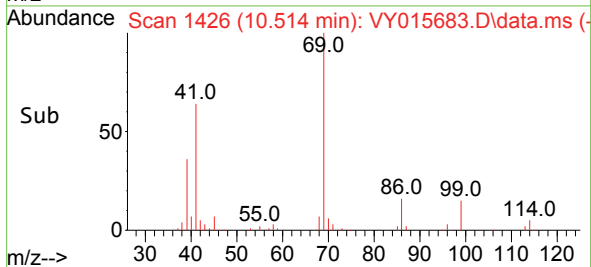
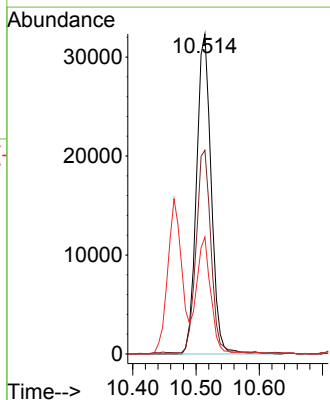
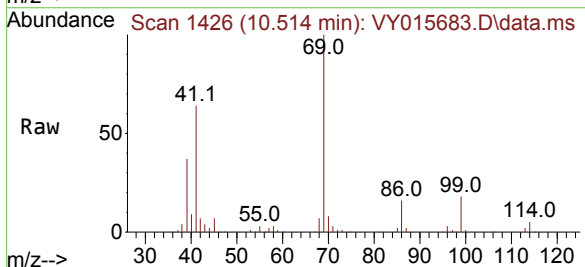


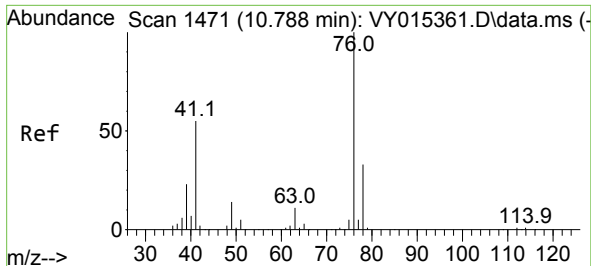
Tgt Ion:	97	Resp:	36897
Ion	Ratio	Lower	Upper
97	100		
83	88.6	72.0	108.0
85	55.4	45.4	68.0
99	63.4	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.901 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion:	69	Resp:	52380
Ion	Ratio	Lower	Upper
69	100		
41	63.3	57.6	86.4
39	34.1	34.1	51.1#

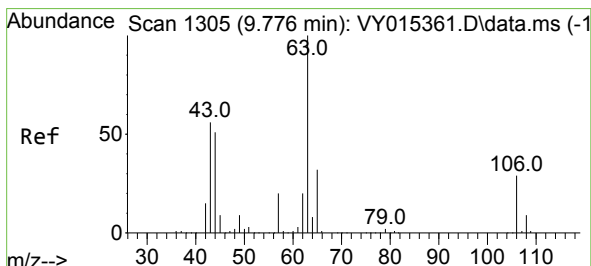
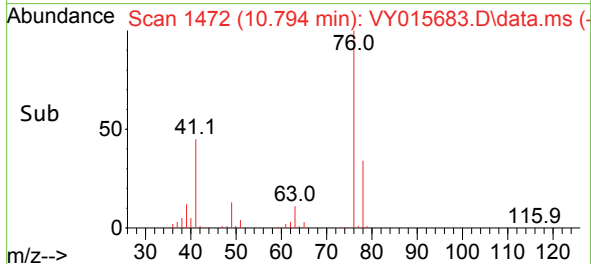
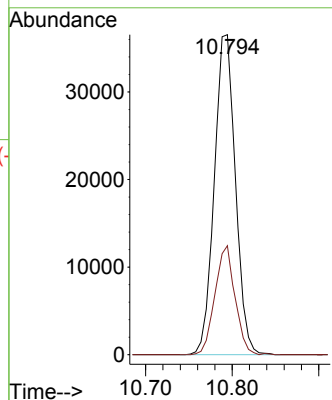
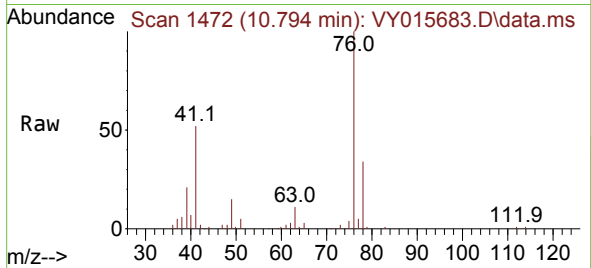




#57
1,3-Dichloropropane
Concen: 21.707 ug/l
RT: 10.794 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

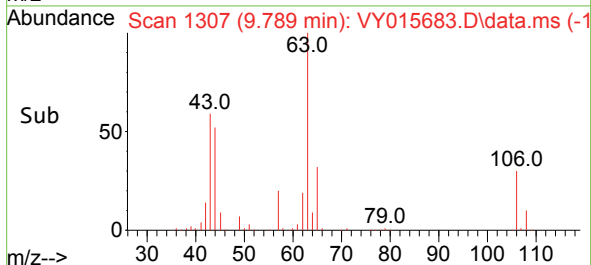
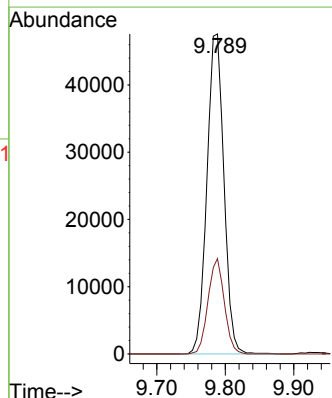
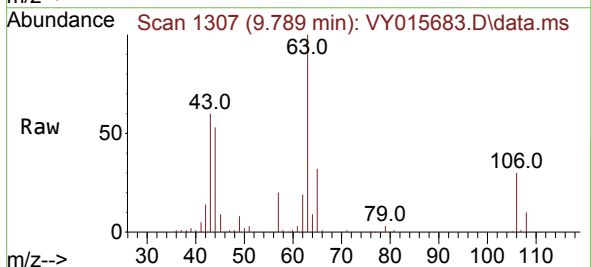
Instrument :
MSVOA_Y
ClientSampleId :

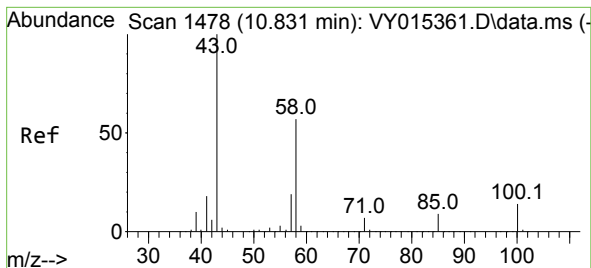
Tgt Ion: 76 Resp: 61904
Ion Ratio Lower Upper
76 100
78 32.4 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 103.183 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.013 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion: 63 Resp: 82137
Ion Ratio Lower Upper
63 100
106 28.5 21.2 31.8

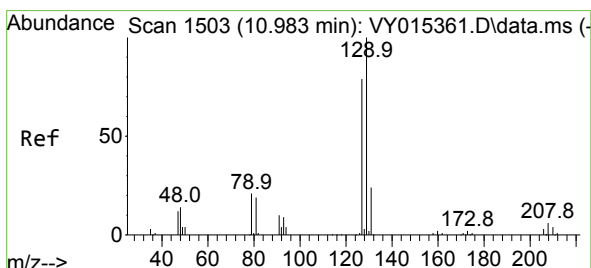
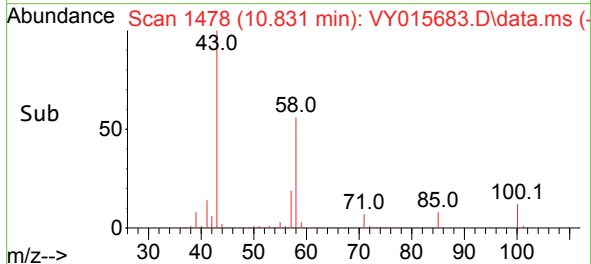
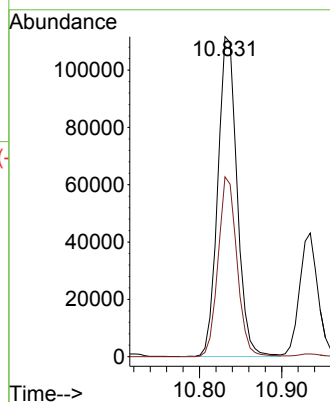
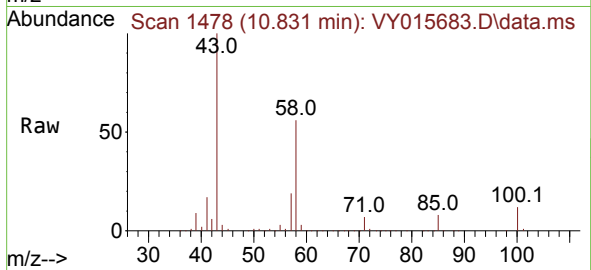




#59
2-Hexanone
Concen: 104.962 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

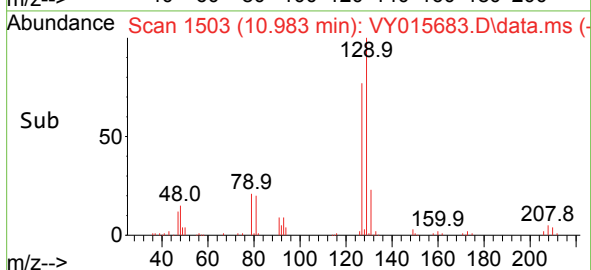
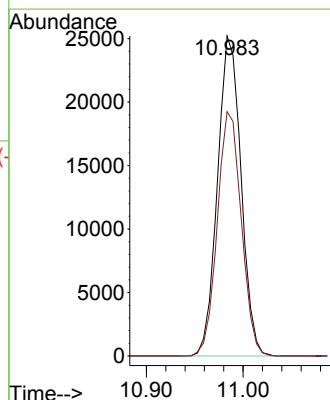
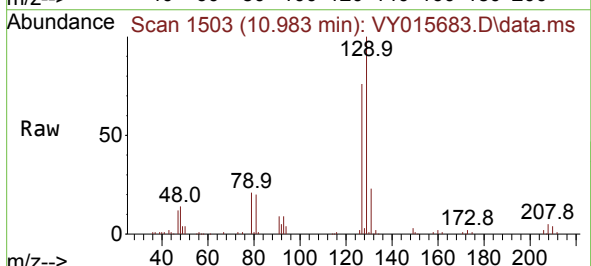
Instrument :
MSVOA_Y
ClientSampleId :

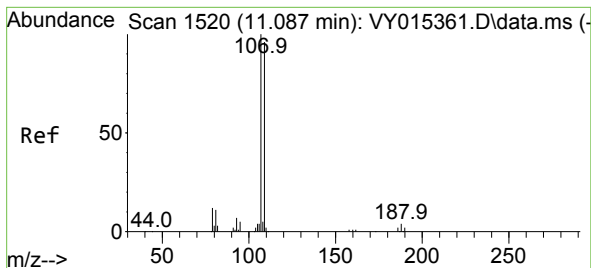
Tgt Ion: 43 Resp: 181408
Ion Ratio Lower Upper
43 100
58 55.3 25.1 75.3



#60
Dibromochloromethane
Concen: 21.424 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion:129 Resp: 42529
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

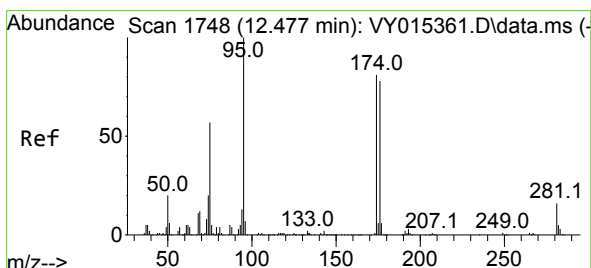
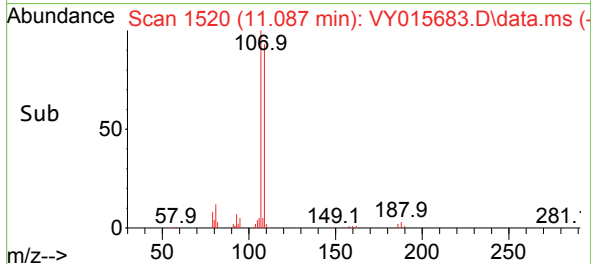
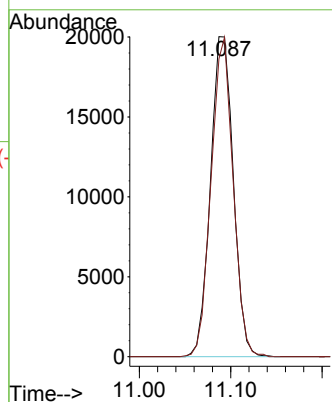
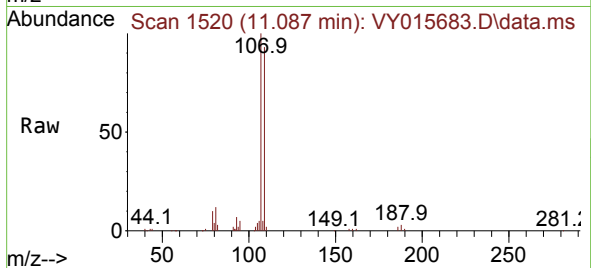




#61
1,2-Dibromoethane
Concen: 20.888 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

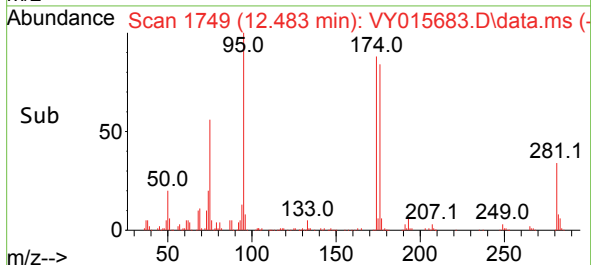
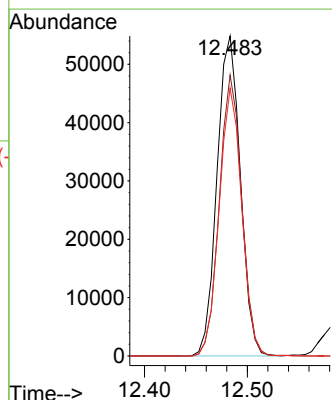
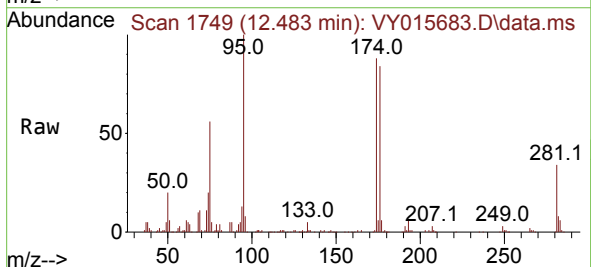
Instrument :
MSVOA_Y
ClientSampleId :

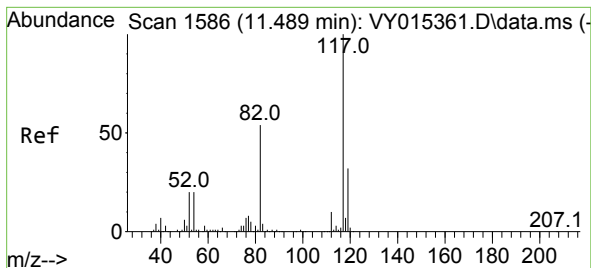
Tgt Ion:107 Resp: 34750
Ion Ratio Lower Upper
107 100
109 96.0 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 44.999 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion: 95 Resp: 86382
Ion Ratio Lower Upper
95 100
174 84.4 0.0 178.2
176 81.0 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.007 min

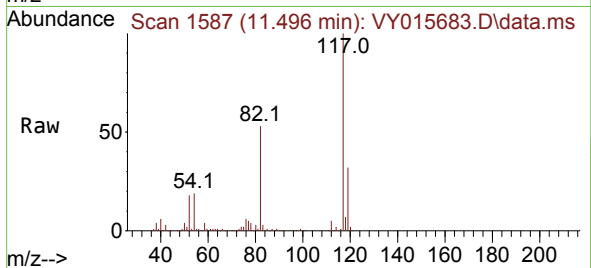
Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :



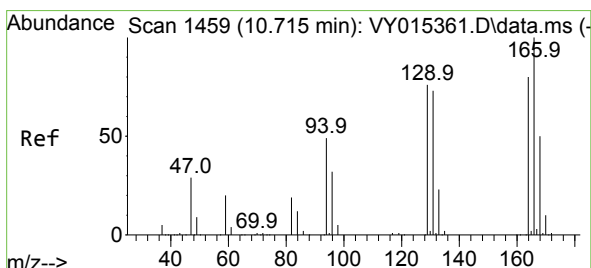
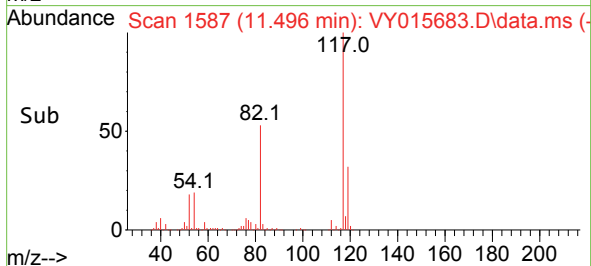
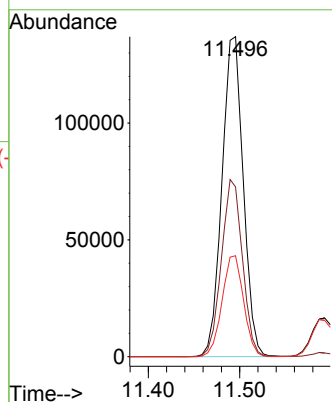
Tgt Ion:117 Resp: 221990

Ion Ratio Lower Upper

117 100

82 53.1 43.4 65.0

119 31.5 26.3 39.5



#64

Tetrachloroethene

Concen: 22.903 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Tgt Ion:164 Resp: 43621

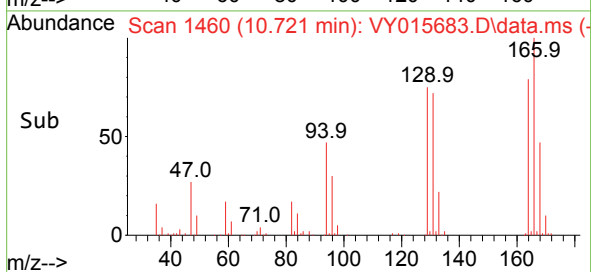
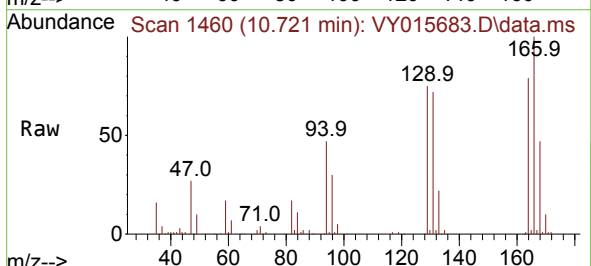
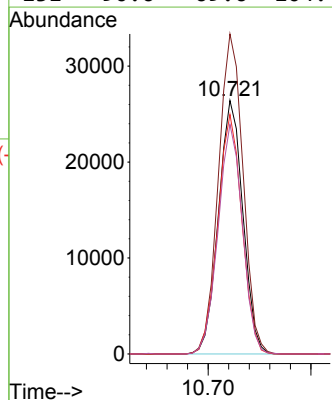
Ion Ratio Lower Upper

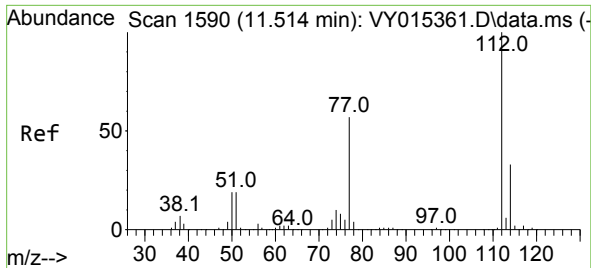
164 100

166 126.3 103.0 154.6

129 94.5 77.2 115.8

131 90.6 69.6 104.4

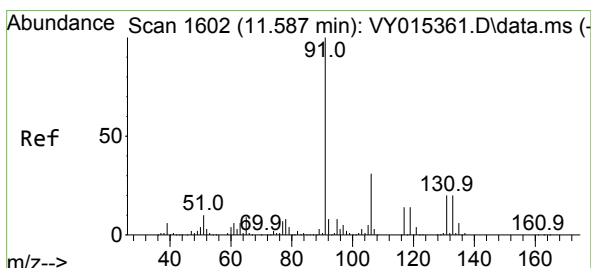
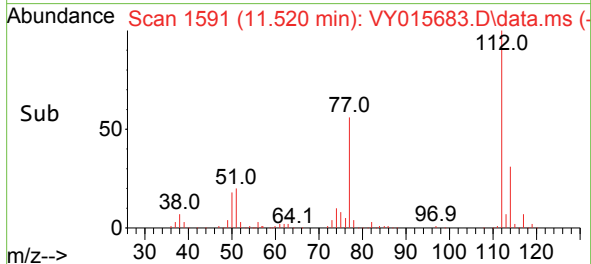
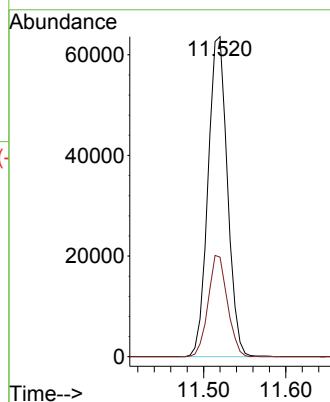
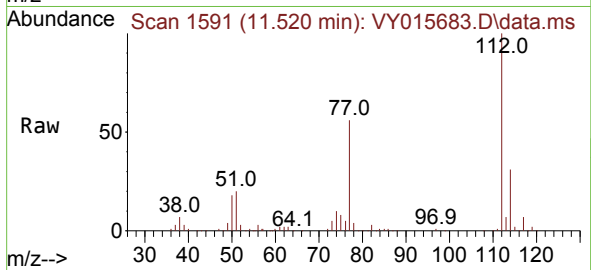




#65
Chlorobenzene
Concen: 21.505 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

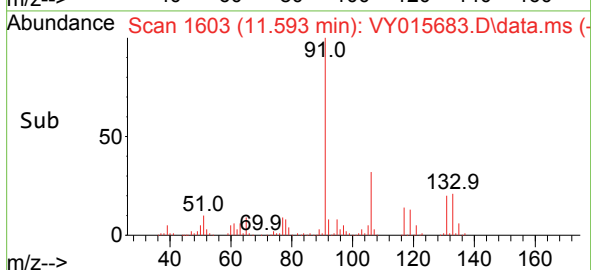
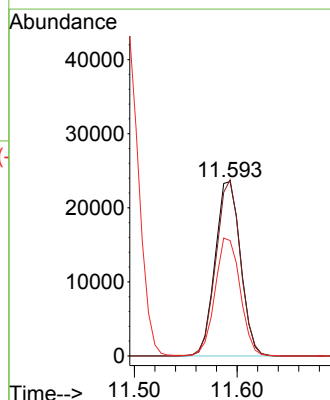
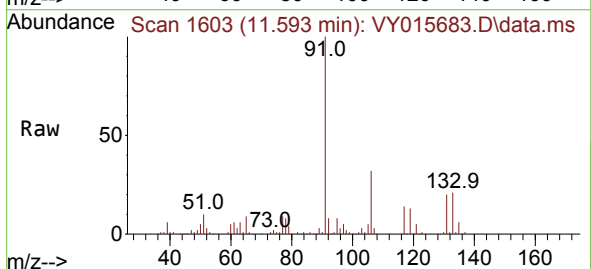
Instrument :
MSVOA_Y
ClientSampleId :

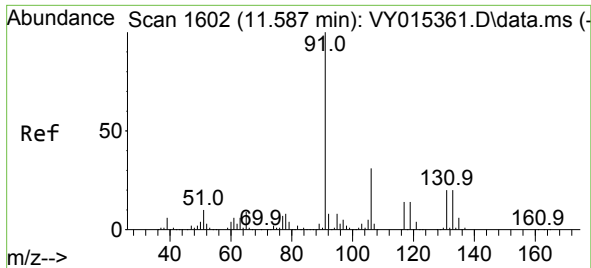
Tgt Ion:112 Resp: 104205
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.416 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion:131 Resp: 40310
Ion Ratio Lower Upper
131 100
133 97.3 47.5 142.6
119 67.0 31.6 94.7

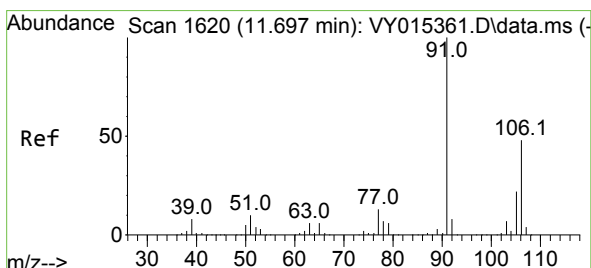
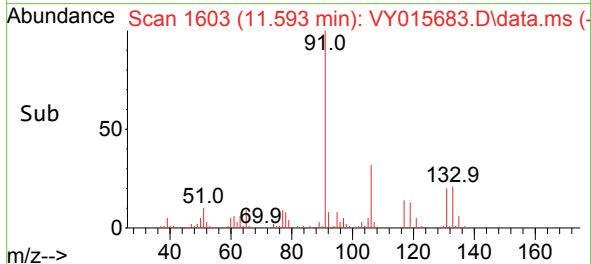
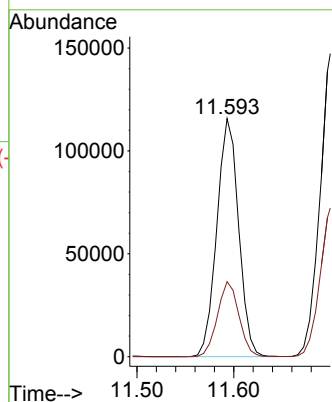
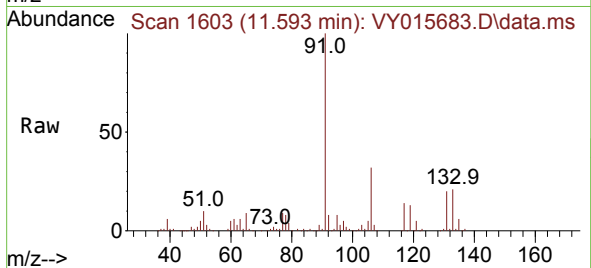




#67
Ethyl Benzene
Concen: 21.334 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

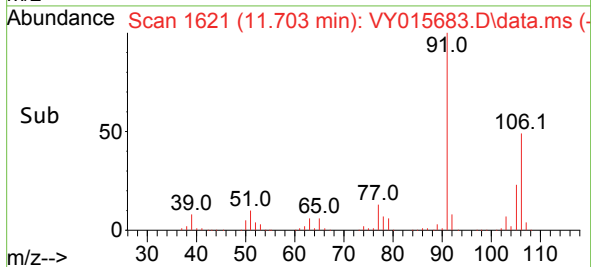
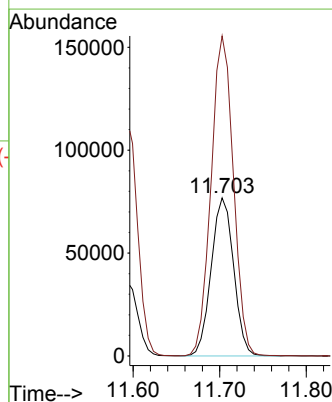
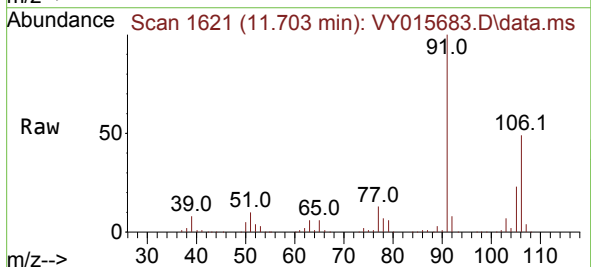
Instrument :
MSVOA_Y
ClientSampleId :

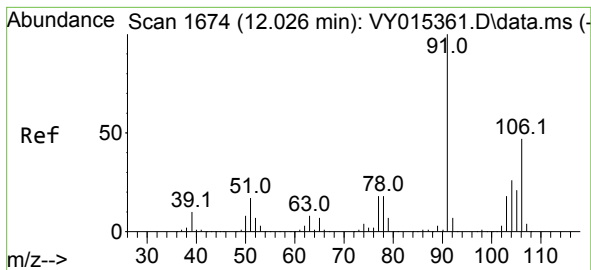
Tgt Ion: 91 Resp: 180691
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8



#68
m/p-Xylenes
Concen: 42.979 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. -0.000 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion:106 Resp: 138357
Ion Ratio Lower Upper
106 100
91 202.0 166.1 249.1

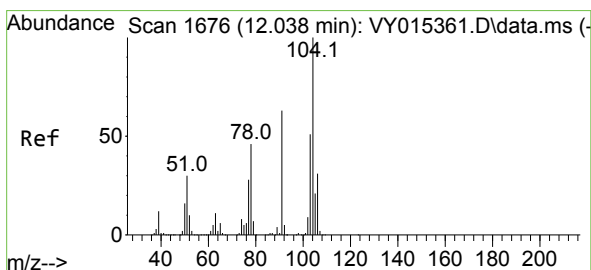
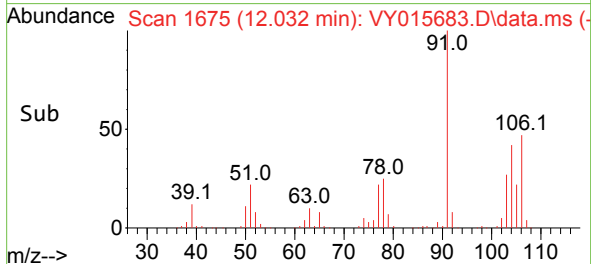
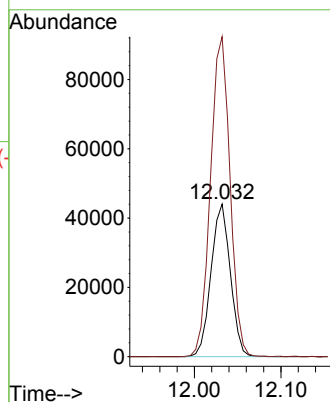
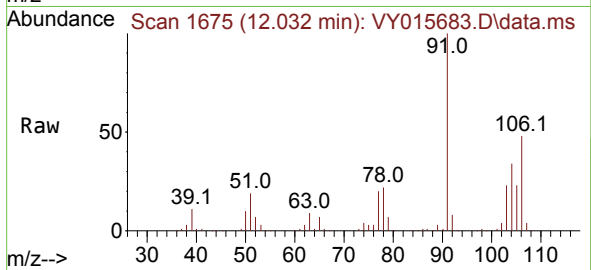




#69
o-Xylene
Concen: 21.608 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

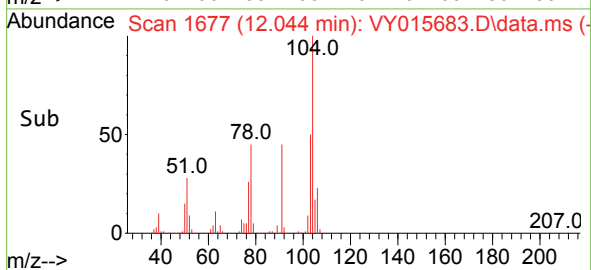
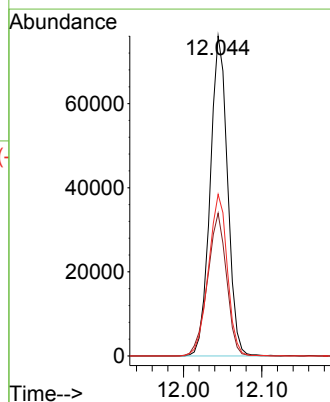
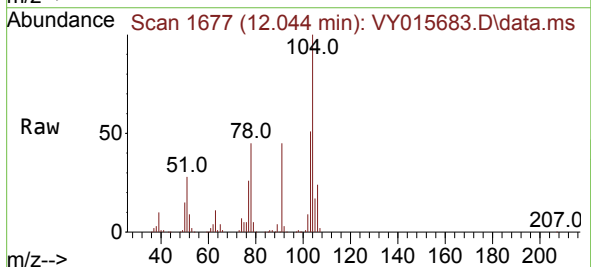
Instrument :
MSVOA_Y
ClientSampleId :

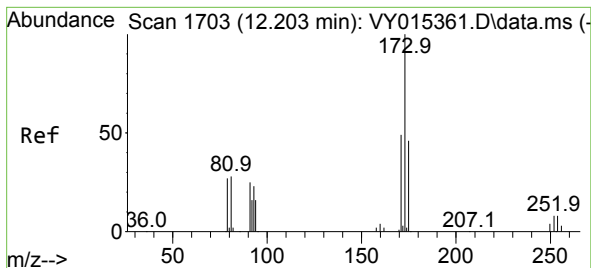
Tgt Ion:106 Resp: 68209
Ion Ratio Lower Upper
106 100
91 212.1 108.1 324.3



#70
Styrene
Concen: 21.718 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion:104 Resp: 117348
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 54.8 44.6 67.0





#71

Bromoform

Concen: 21.622 ug/l

RT: 12.209 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015683.D

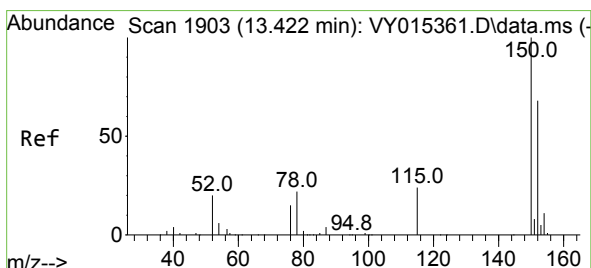
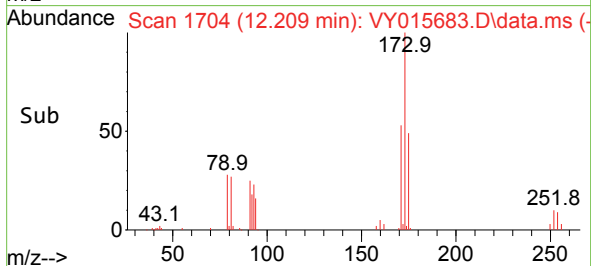
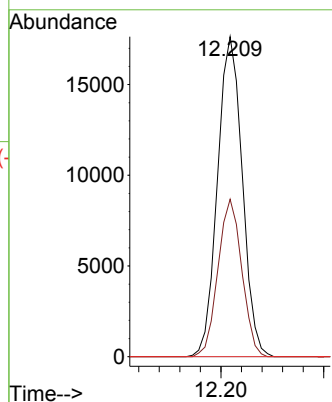
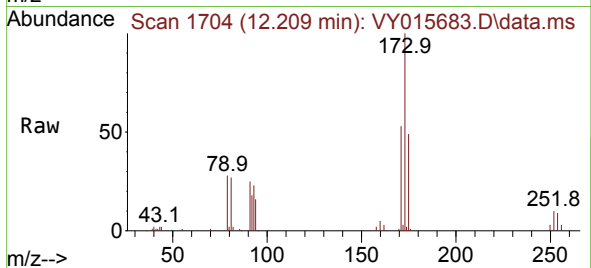
Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	29492
Ion Ratio	Lower	Upper
173	100	
175	47.2	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

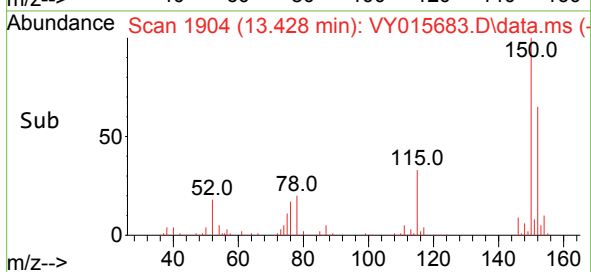
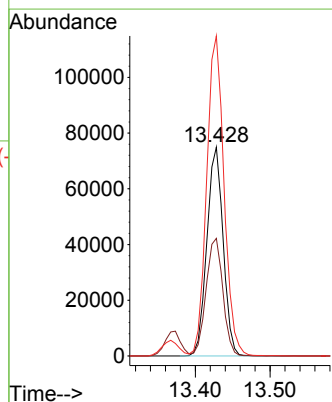
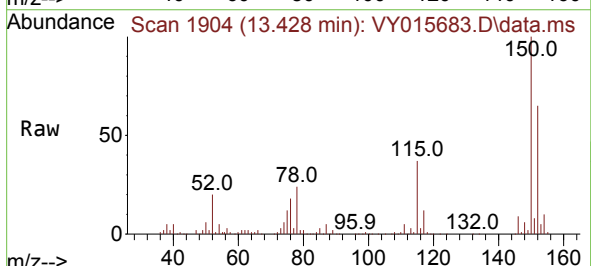
RT: 13.428 min Scan# 1904

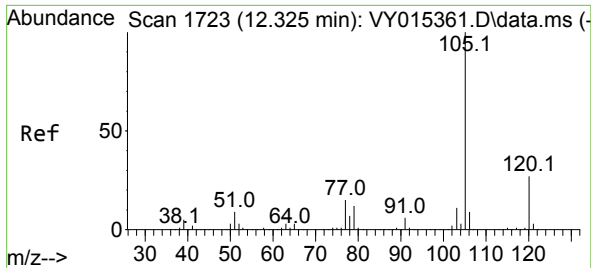
Delta R.T. 0.006 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Tgt Ion:152	Resp:	113196
Ion Ratio	Lower	Upper
152	100	
115	58.2	28.8 86.5
150	163.6	0.0 348.8

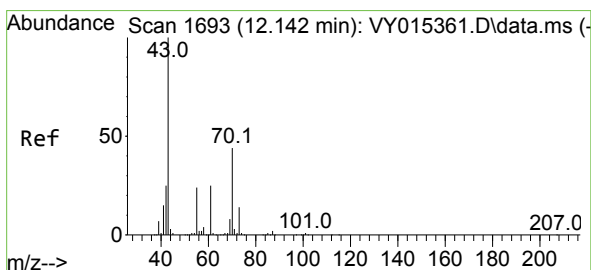
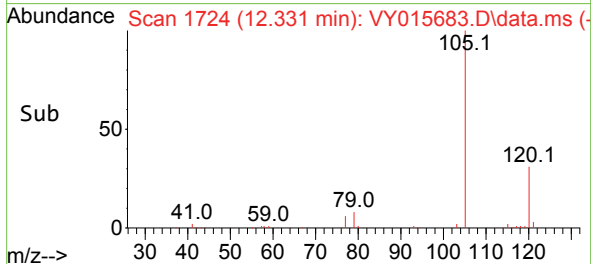
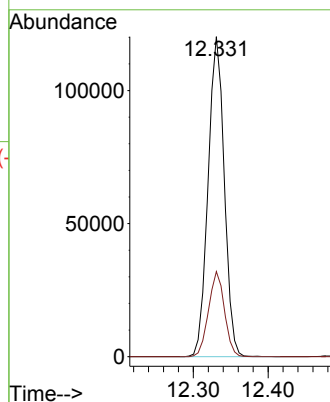
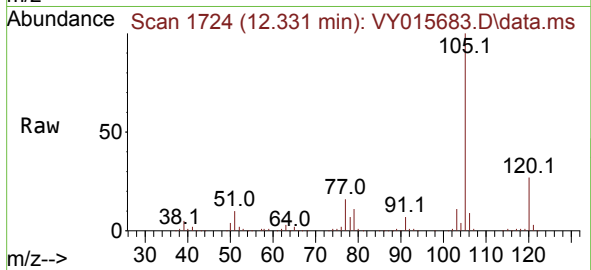




#73
Isopropylbenzene
Concen: 21.285 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

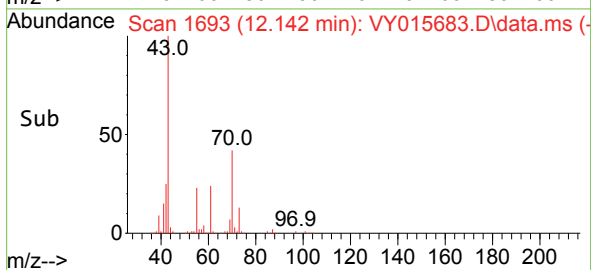
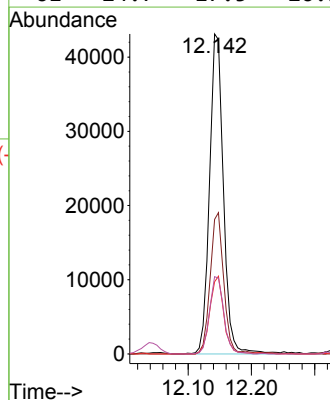
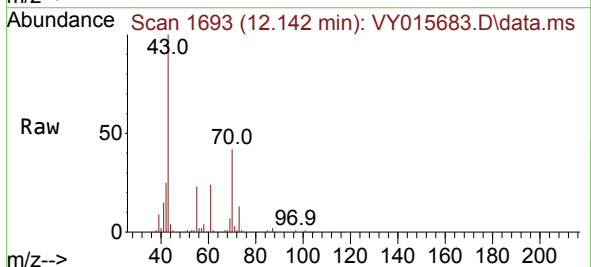
Instrument :
MSVOA_Y
ClientSampleId :

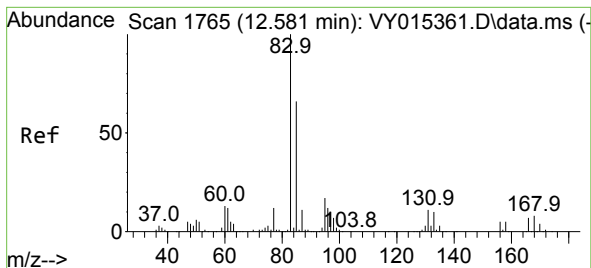
Tgt Ion:105 Resp: 180742
Ion Ratio Lower Upper
105 100
120 26.2 13.3 39.9



#74
N-ethyl acetate
Concen: 20.733 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion: 43 Resp: 66170
Ion Ratio Lower Upper
43 100
70 43.0 29.7 44.5
55 24.3 18.3 27.5
61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.460 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015683.D

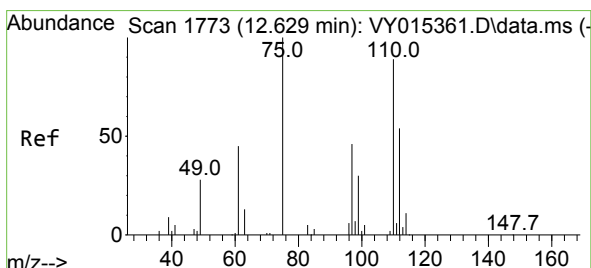
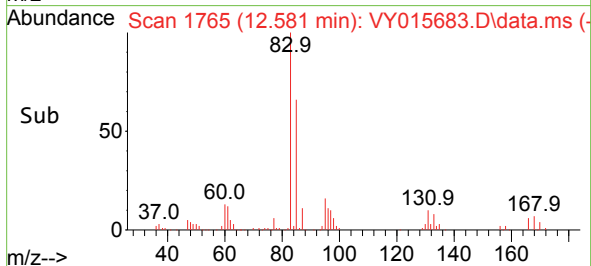
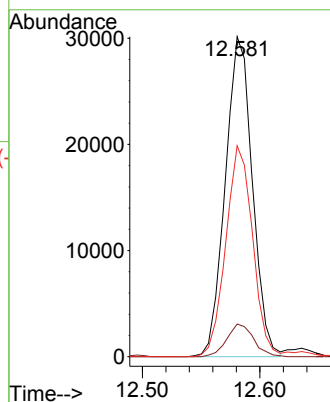
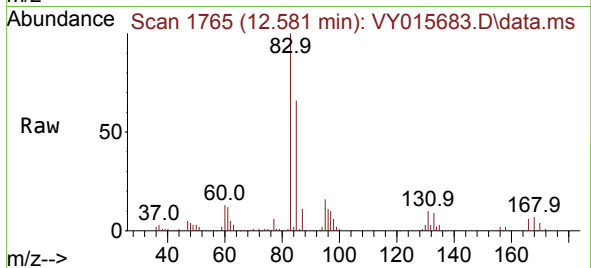
Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	48354
Ion Ratio	Lower	Upper	
83	100		
131	10.1	5.4	16.2
85	65.8	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 35.625 ug/l

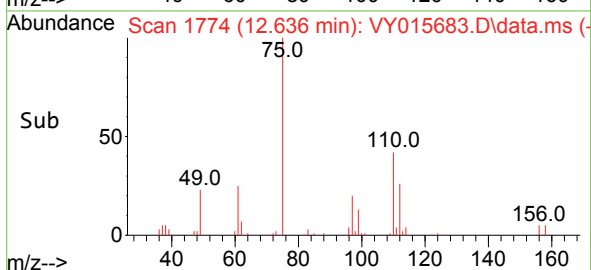
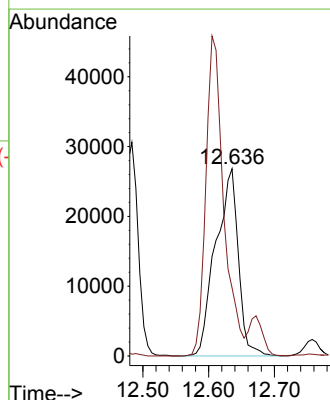
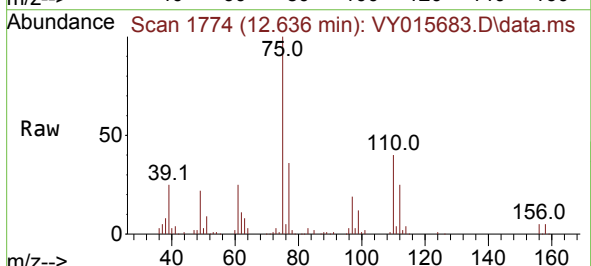
RT: 12.636 min Scan# 1774

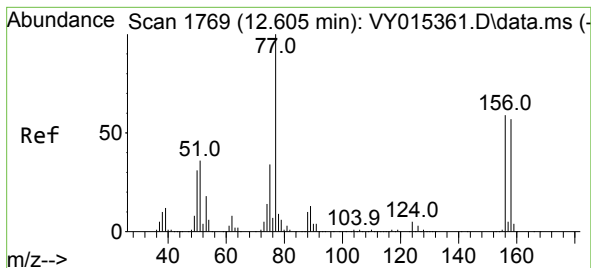
Delta R.T. 0.007 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Tgt Ion:	75	Resp:	64334
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.131 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

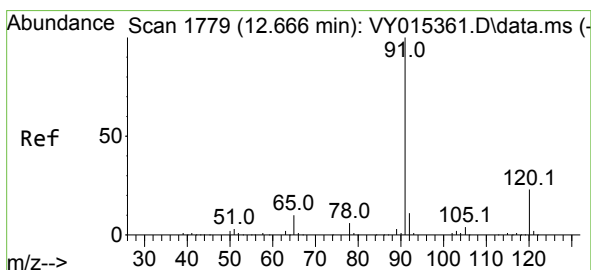
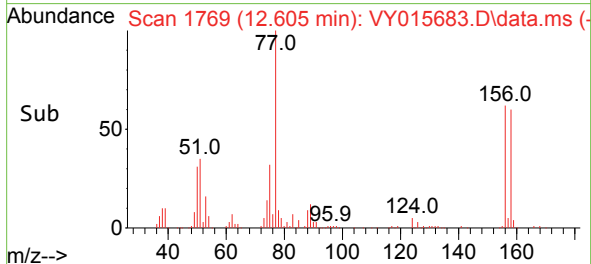
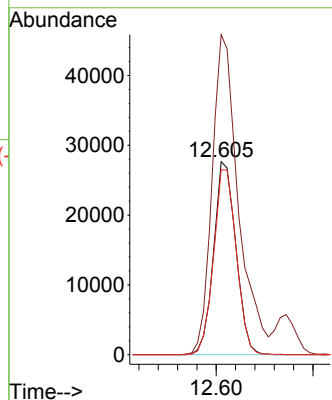
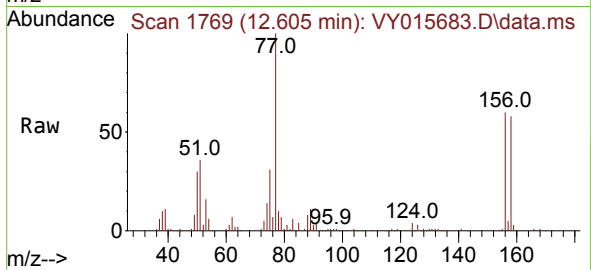
Tgt Ion:156 Resp: 44045

Ion Ratio Lower Upper

156 100

77 196.7 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 21.177 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015683.D

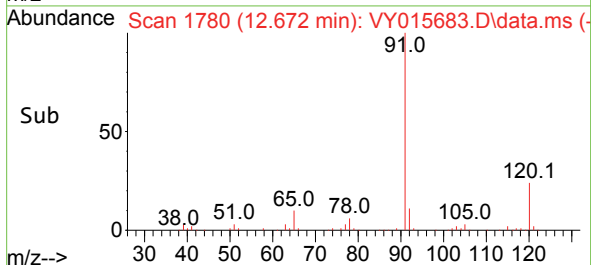
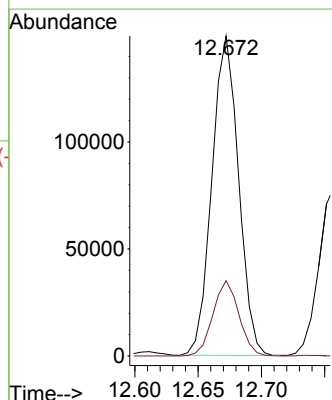
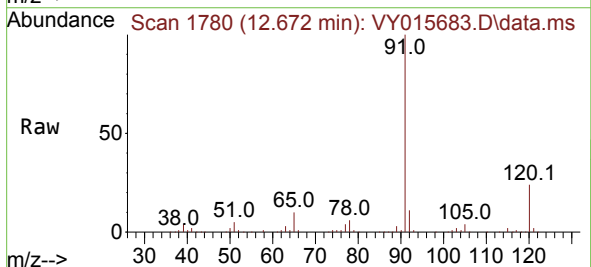
Acq: 22 Sep 2023 13:55

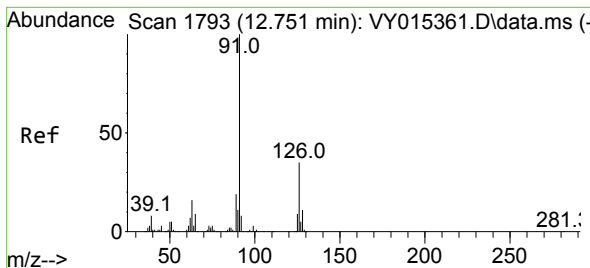
Tgt Ion: 91 Resp: 218468

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4





#79

2-Chlorotoluene

Concen: 20.935 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.007 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

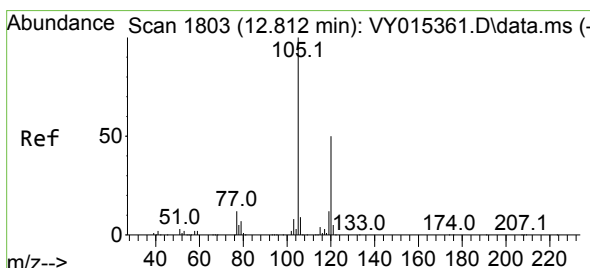
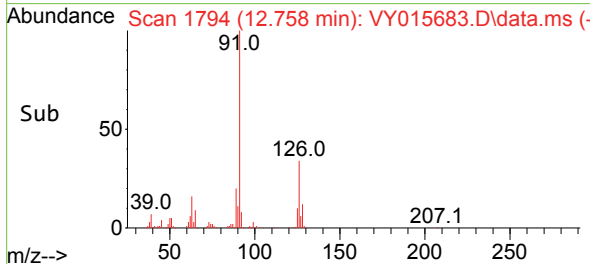
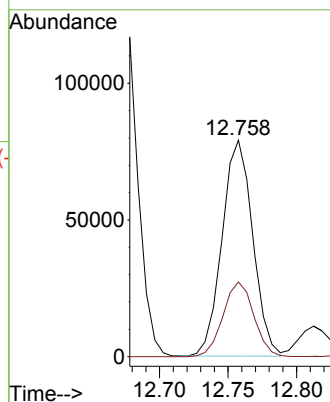
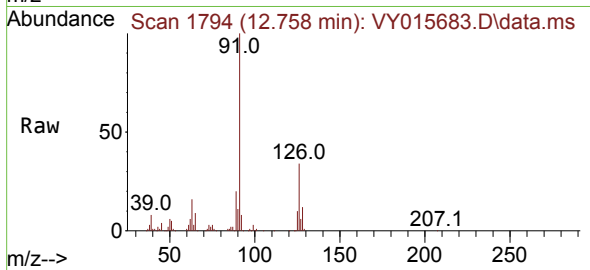
ClientSampleId :

Tgt Ion: 91 Resp: 123107

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 21.603 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015683.D

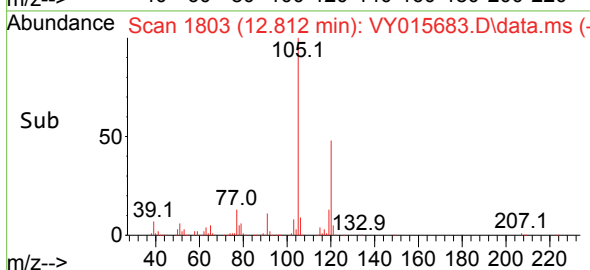
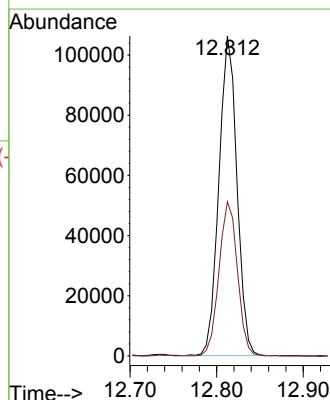
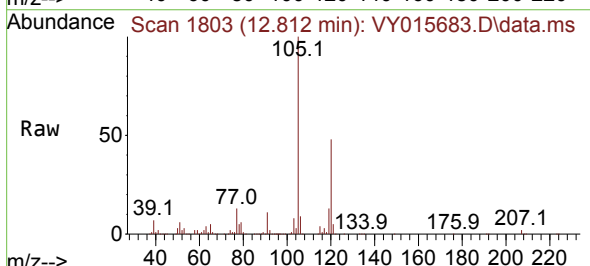
Acq: 22 Sep 2023 13:55

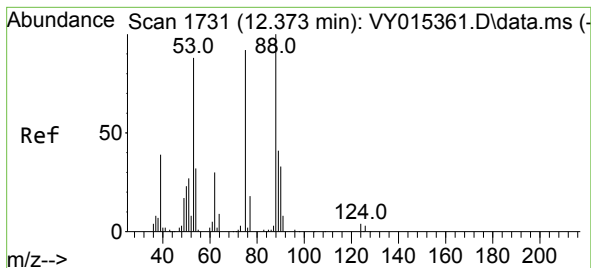
Tgt Ion:105 Resp: 153576

Ion Ratio Lower Upper

105 100

120 49.4 23.9 71.7

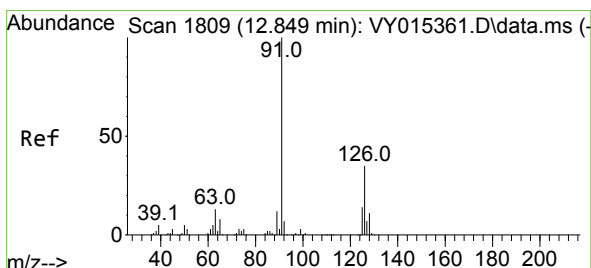
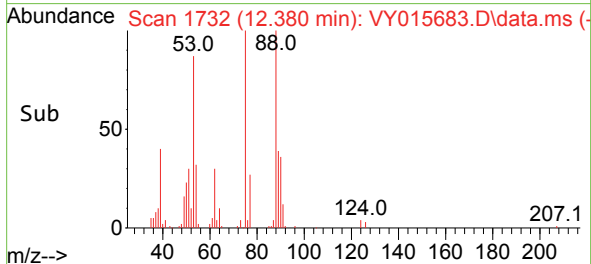
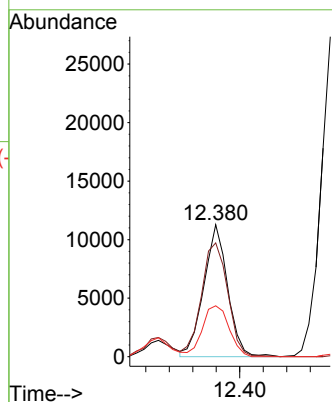
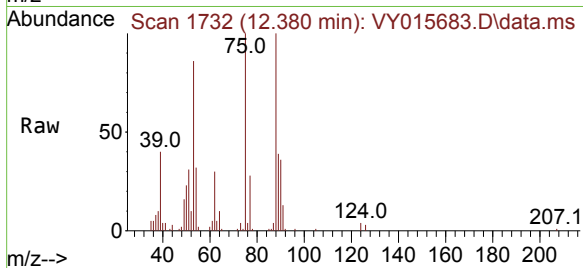




#81
trans-1,4-Dichloro-2-butene
Concen: 19.861 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

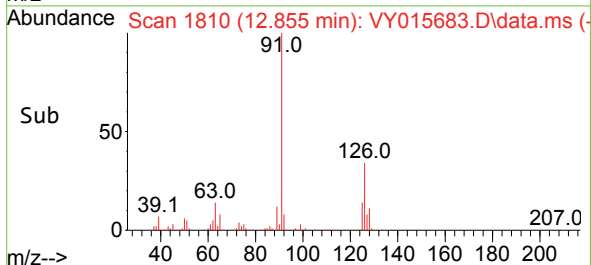
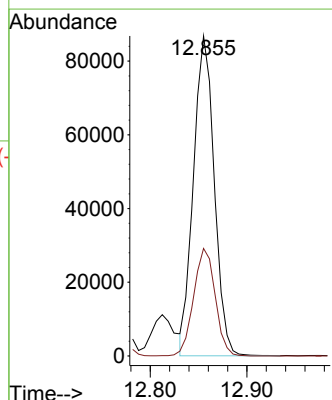
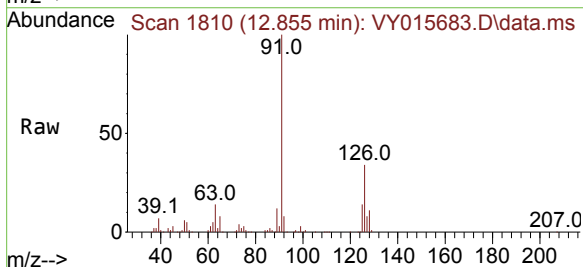
Instrument :
MSVOA_Y
ClientSampleId :

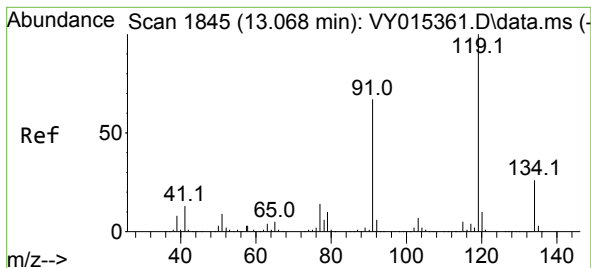
Tgt Ion: 75 Resp: 15927
Ion Ratio Lower Upper
75 100
53 95.2 77.8 116.8
89 42.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.113 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015683.D
Acq: 22 Sep 2023 13:55

Tgt Ion: 91 Resp: 129608
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.340 ug/l

RT: 13.075 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

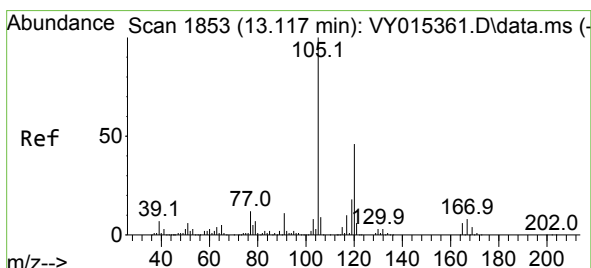
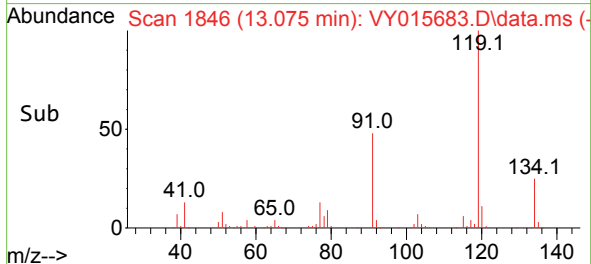
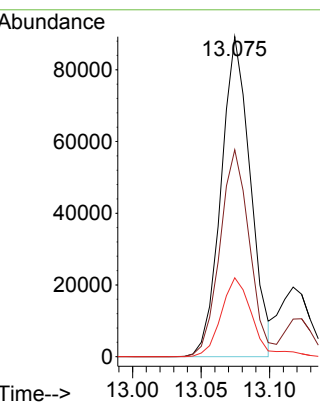
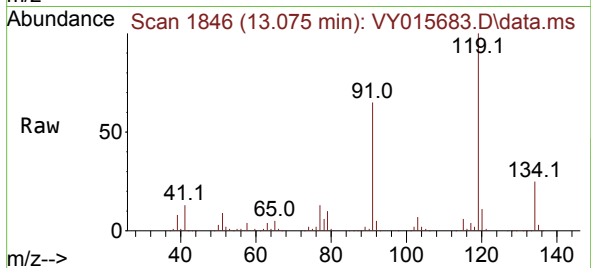
Tgt Ion:119 Resp: 132870

Ion Ratio Lower Upper

119 100

91 65.6 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.542 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015683.D

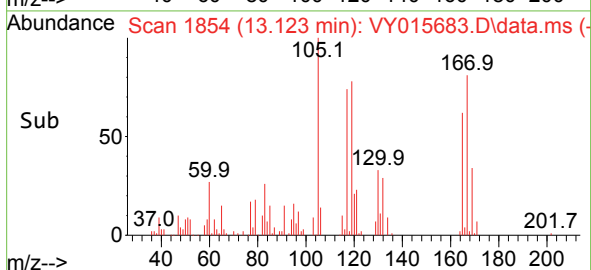
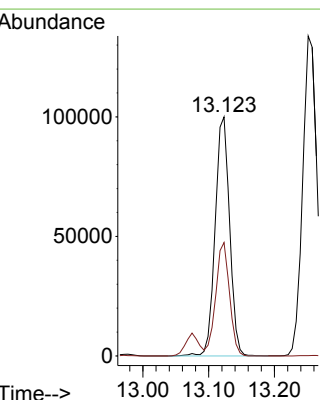
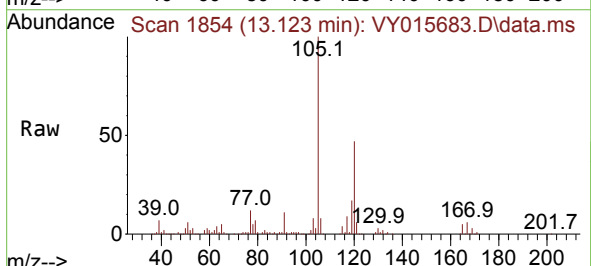
Acq: 22 Sep 2023 13:55

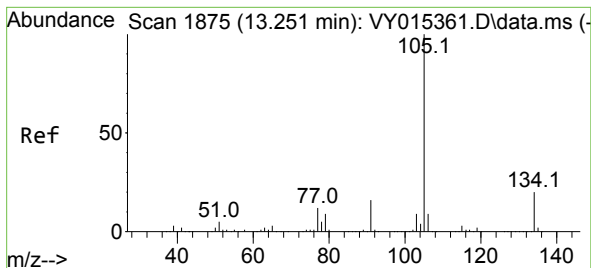
Tgt Ion:105 Resp: 153226

Ion Ratio Lower Upper

105 100

120 45.1 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.502 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

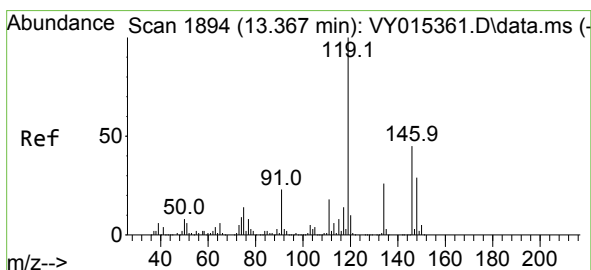
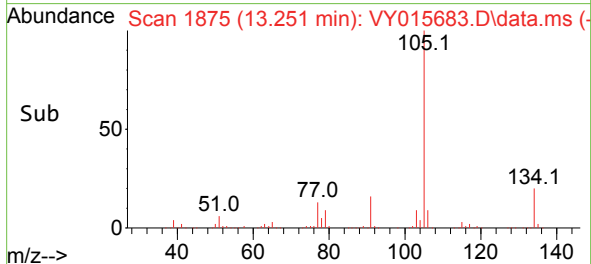
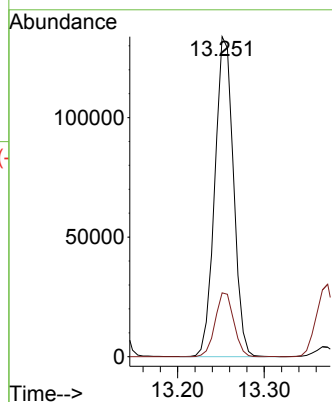
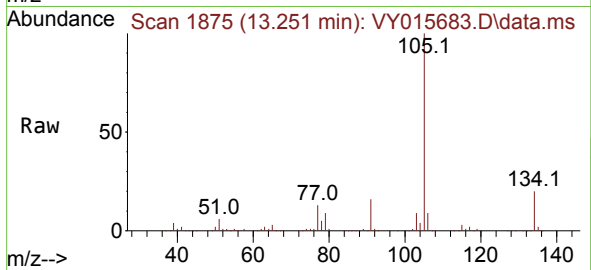
ClientSampleId :

Tgt Ion:105 Resp: 200352

Ion Ratio Lower Upper

105 100

134 19.9 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.161 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

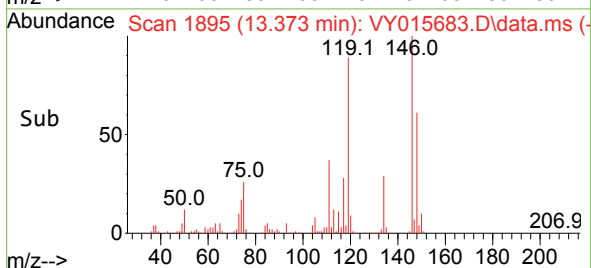
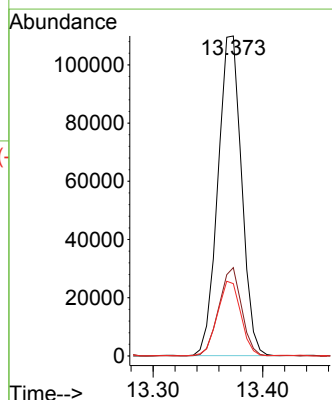
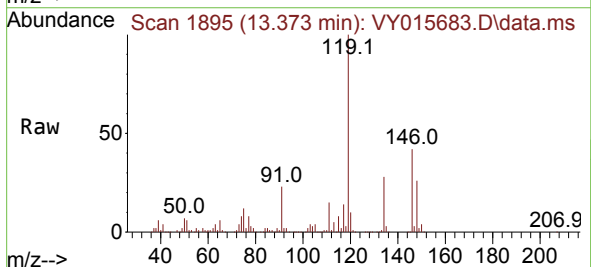
Tgt Ion:119 Resp: 164707

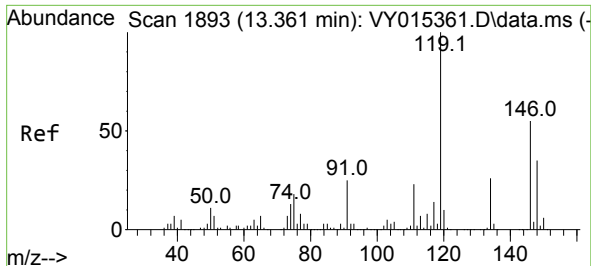
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.323 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

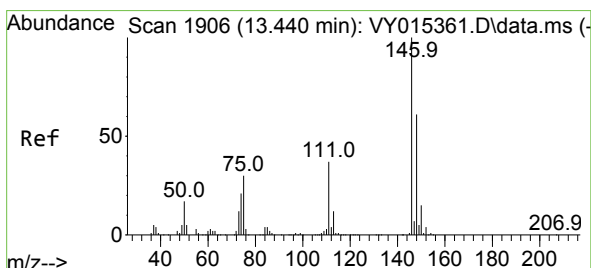
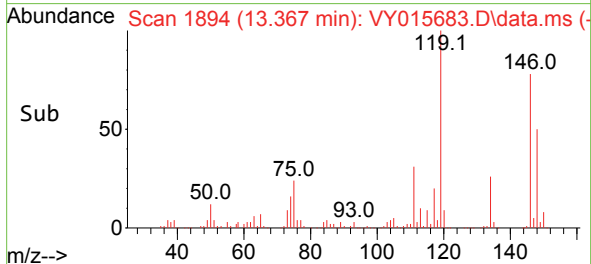
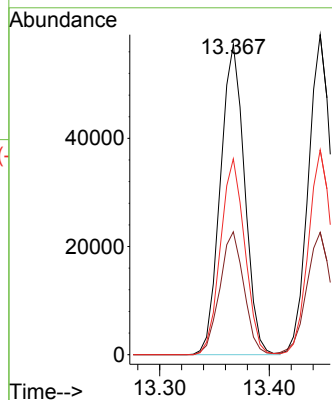
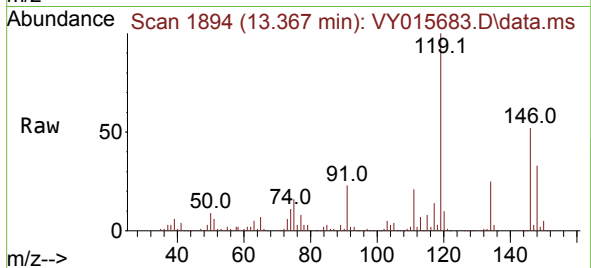
Tgt Ion:146 Resp: 88175

Ion Ratio Lower Upper

146 100

111 39.5 19.4 58.2

148 63.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.370 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

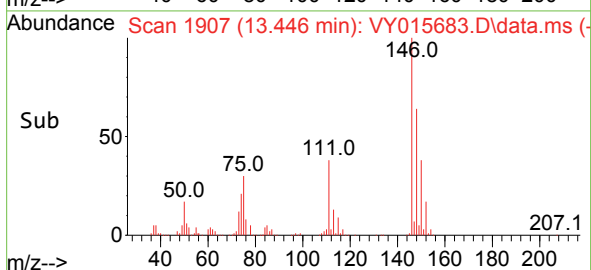
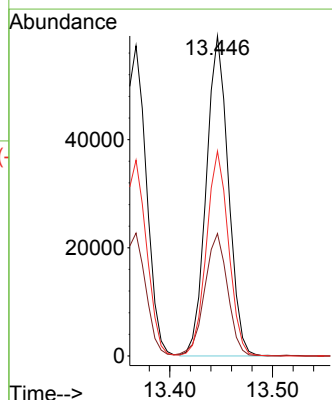
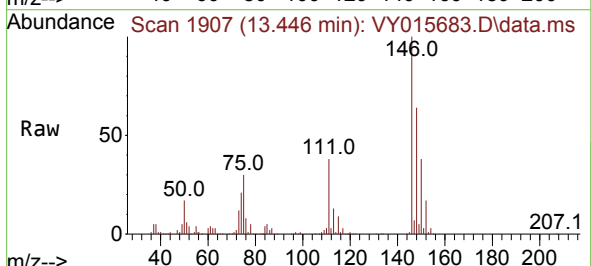
Tgt Ion:146 Resp: 88382

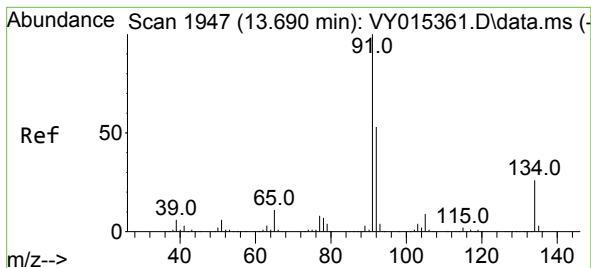
Ion Ratio Lower Upper

146 100

111 39.8 18.9 56.7

148 64.1 32.1 96.5





#89

n-Butylbenzene

Concen: 21.135 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. 0.000 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

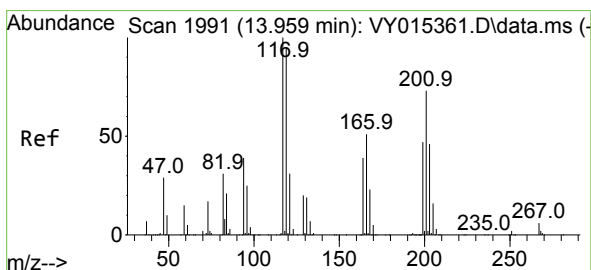
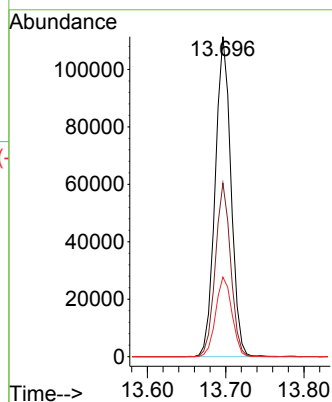
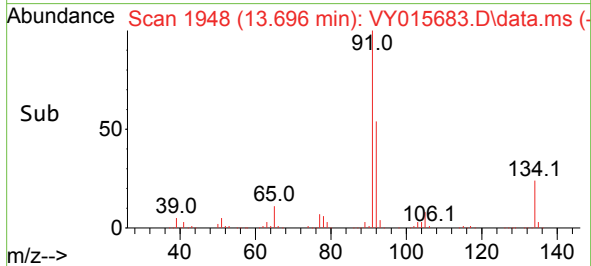
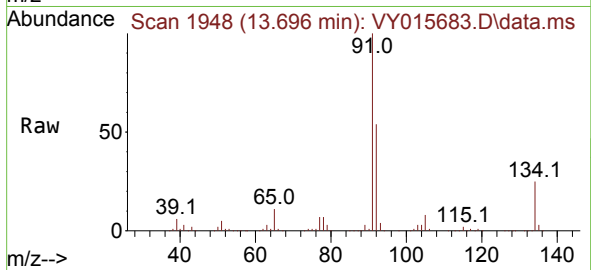
Tgt Ion: 91 Resp: 155773

Ion Ratio Lower Upper

91 100

92 52.7 25.4 76.0

134 25.7 12.6 37.6



#90

Hexachloroethane

Concen: 21.275 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015683.D

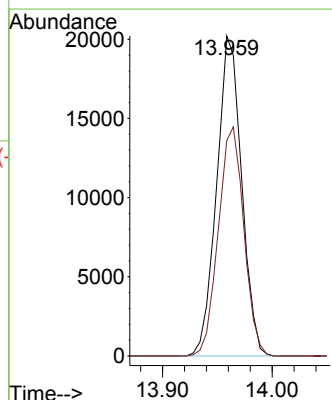
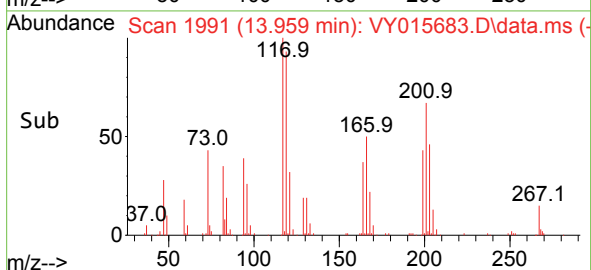
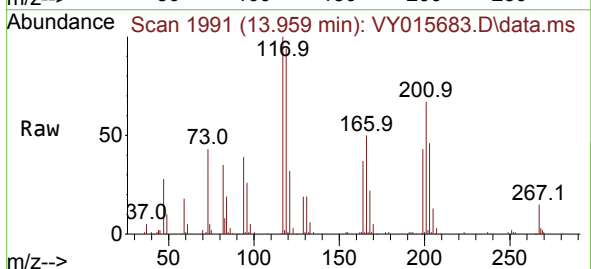
Acq: 22 Sep 2023 13:55

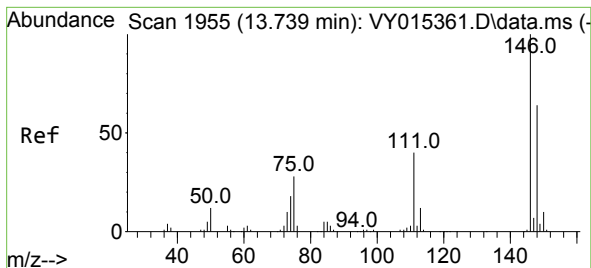
Tgt Ion: 117 Resp: 31958

Ion Ratio Lower Upper

117 100

201 73.1 41.6 124.8

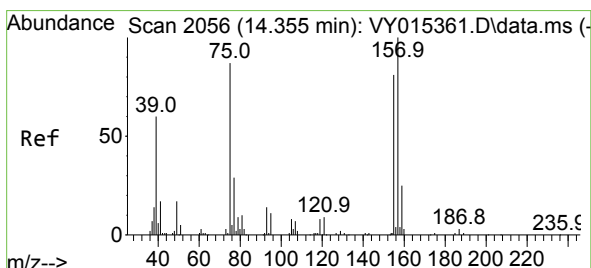
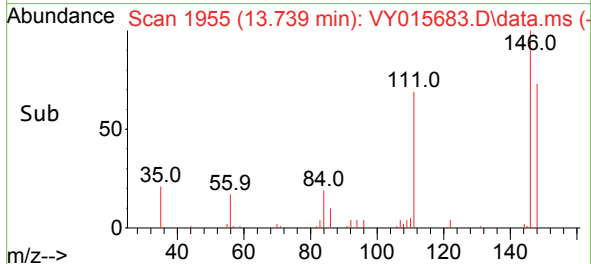
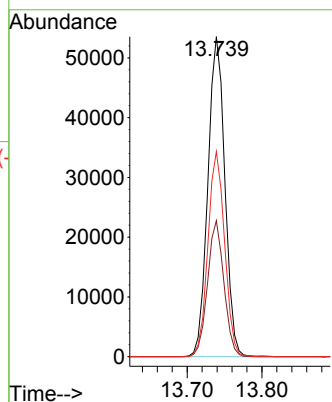
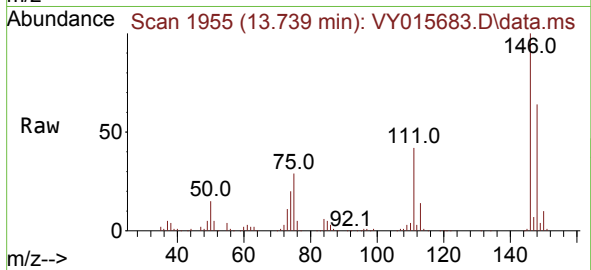




#91
 1,2-Dichlorobenzene
 Concen: 22.129 ug/l
 RT: 13.739 min Scan# 1955
 Delta R.T. 0.000 min
 Lab File: VY015683.D
 Acq: 22 Sep 2023 13:55

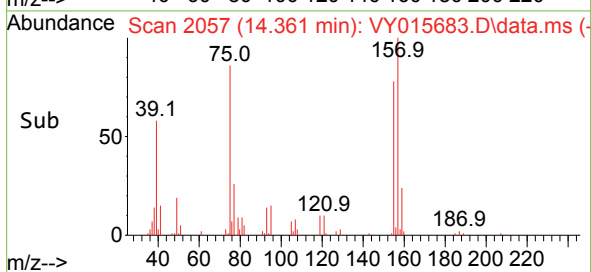
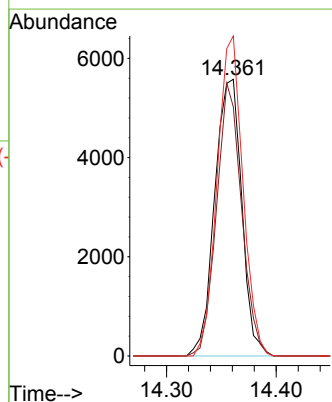
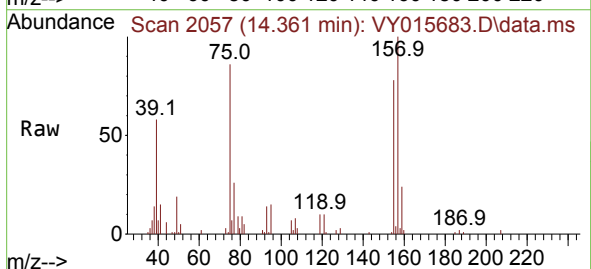
Instrument :
 MSVOA_Y
 ClientSampleId :

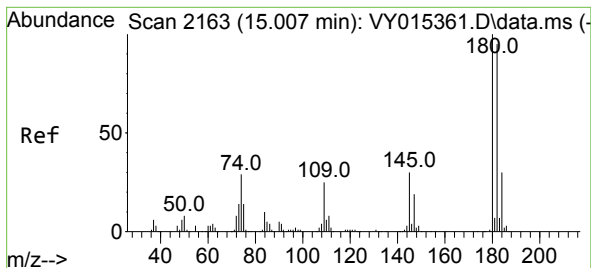
Tgt Ion:146 Resp: 84472
 Ion Ratio Lower Upper
 146 100
 111 41.0 19.7 59.0
 148 62.9 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.355 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.006 min
 Lab File: VY015683.D
 Acq: 22 Sep 2023 13:55

Tgt Ion: 75 Resp: 9554
 Ion Ratio Lower Upper
 75 100
 155 91.1 41.5 124.6
 157 109.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.118 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015683.D

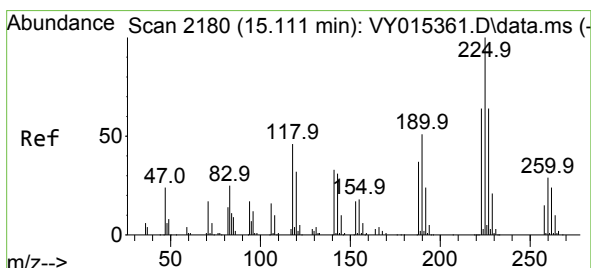
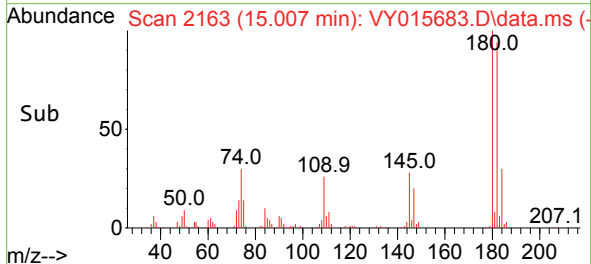
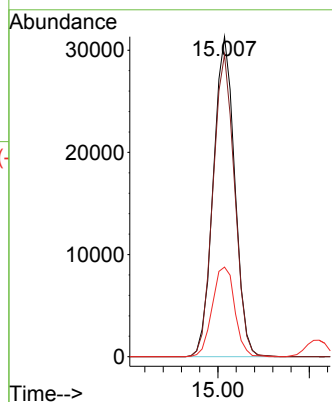
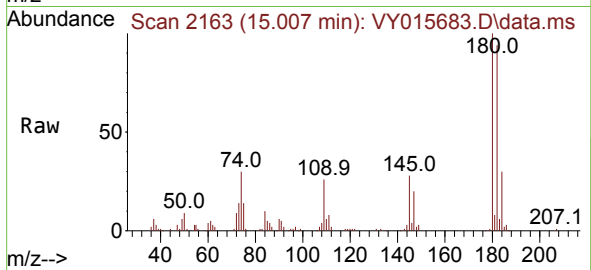
Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:180	Resp:	50751
Ion Ratio	Lower	Upper
180	100	
182	95.3	47.0 141.2
145	29.5	14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.099 ug/l

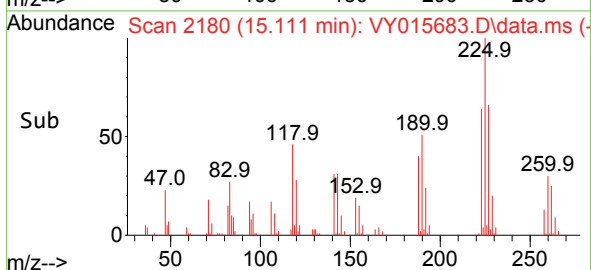
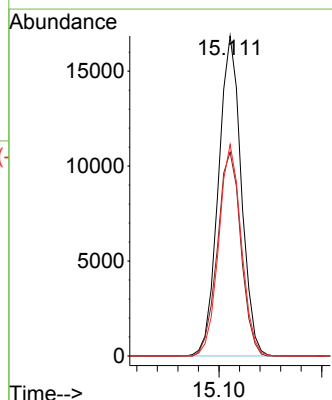
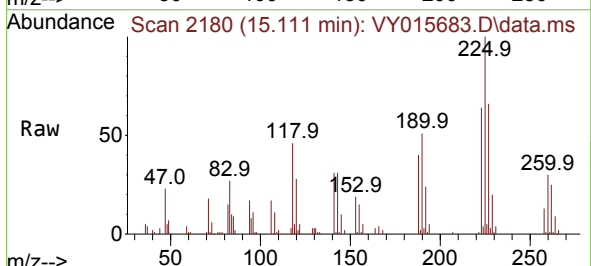
RT: 15.111 min Scan# 2180

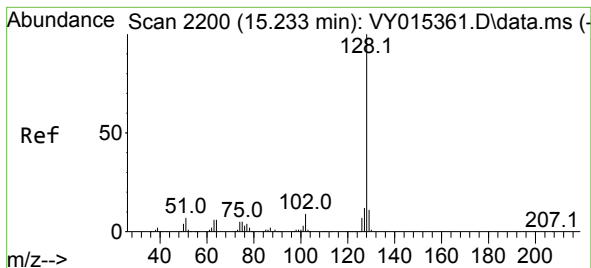
Delta R.T. -0.000 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Tgt Ion:225	Resp:	25966
Ion Ratio	Lower	Upper
225	100	
223	65.3	31.9 95.9
227	65.1	33.0 98.9





#95

Naphthalene

Concen: 20.643 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015683.D

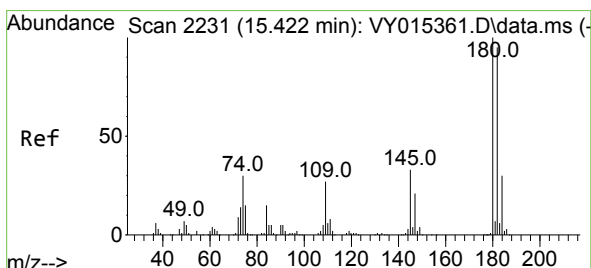
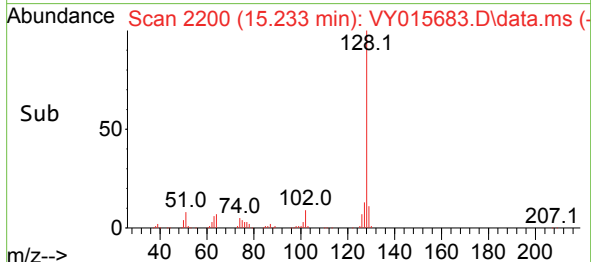
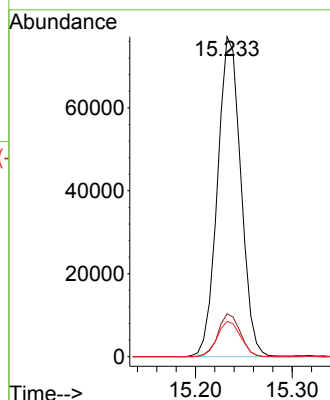
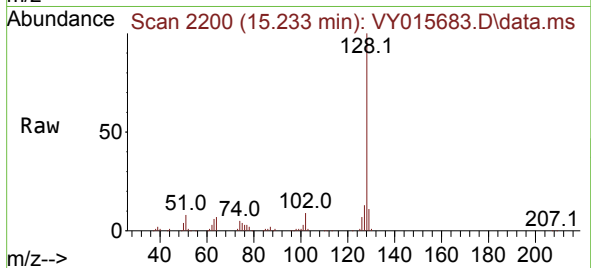
Acq: 22 Sep 2023 13:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	129353
Ion Ratio	Lower	Upper
128	100	
127	12.9	10.8 16.2
129	11.1	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.882 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015683.D

Acq: 22 Sep 2023 13:55

Tgt Ion:180	Resp:	46318
Ion Ratio	Lower	Upper
180	100	
182	94.2	47.3 141.8
145	32.9	15.4 46.2

