

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015607.D
 Acq On : 16 Sep 2023 07:03
 Operator : SY/MD
 Sample : 04419-16MSD
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 07:38:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	182804	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	311192	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	281518	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	140511	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	93455	47.690	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.380%
35) Dibromofluoromethane	7.734	113	83088	46.356	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.720%
50) Toluene-d8	10.191	98	274209	42.245	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.480%
62) 4-Bromofluorobenzene	12.489	95	109980	45.641	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	91.280%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	61992	39.012	ug/l	98
3) Chloromethane	2.119	50	97480	46.191	ug/l	98
4) Vinyl Chloride	2.253	62	114152	46.472	ug/l	98
5) Bromomethane	2.650	94	88956	50.896	ug/l	96
6) Chloroethane	2.796	64	81578	50.527	ug/l	98
7) Trichlorofluoromethane	3.131	101	167669	48.256	ug/l	98
8) Diethyl Ether	3.540	74	69907	58.873	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.912	101	99079	51.449	ug/l	96
10) Methyl Iodide	4.101	142	126920	56.122	ug/l	98
11) Tert butyl alcohol	4.985	59	111489	259.629	ug/l #	81
12) 1,1-Dichloroethene	3.887	96	97013	53.386	ug/l	88
13) Acrolein	3.741	56	64730	125.005	ug/l	97
14) Allyl chloride	4.491	41	163966	56.671	ug/l	95
15) Acrylonitrile	5.180	53	245373	328.393	ug/l	99
16) Acetone	3.960	43	282689	345.611	ug/l	94
17) Carbon Disulfide	4.204	76	275663	50.742	ug/l	98
18) Methyl Acetate	4.491	43	233995	78.983	ug/l	93
19) Methyl tert-butyl Ether	5.241	73	360012	60.956	ug/l	98
20) Methylene Chloride	4.728	84	148775	58.199	ug/l	91
21) trans-1,2-Dichloroethene	5.234	96	115947	55.410	ug/l	96
22) Diisopropyl ether	6.137	45	359826	56.864	ug/l	88
23) Vinyl Acetate	6.076	43	325367	81.439	ug/l	95
24) 1,1-Dichloroethane	6.027	63	206106	56.345	ug/l	97
25) 2-Butanone	7.002	43	390108	336.268	ug/l	96
26) 2,2-Dichloropropane	6.996	77	147908	47.607	ug/l	96
27) cis-1,2-Dichloroethene	6.996	96	134730	56.755	ug/l	93
28) Bromochloromethane	7.350	49	50985	45.452	ug/l	95
29) Tetrahydrofuran	7.362	42	246836	338.818	ug/l	93
30) Chloroform	7.521	83	218969	56.944	ug/l	96
31) Cyclohexane	7.795	56	177837	51.088	ug/l	94
32) 1,1,1-Trichloroethane	7.716	97	191000	55.609	ug/l	98
36) 1,1-Dichloropropene	7.929	75	161063	51.176	ug/l	100
37) Ethyl Acetate	7.088	43	142059	58.525	ug/l	96
38) Carbon Tetrachloride	7.911	117	172718	53.135	ug/l	99
39) Methylcyclohexane	9.197	83	202332	51.065	ug/l	94
40) Benzene	8.173	78	475304	54.130	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015607.D
 Acq On : 16 Sep 2023 07:03
 Operator : SY/MD
 Sample : 04419-16MSD
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 07:38:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	212337	186.545	ug/l #	30
42) 1,2-Dichloroethane	8.246	62	162265	55.418	ug/l	95
43) Isopropyl Acetate	8.283	43	249847	59.525	ug/l	97
44) Trichloroethene	8.953	130	141889	57.112	ug/l	97
45) 1,2-Dichloropropane	9.228	63	122527	55.353	ug/l	98
46) Dibromomethane	9.313	93	84053	57.165	ug/l	97
47) Bromodichloromethane	9.508	83	177140	56.335	ug/l	100
48) Methyl methacrylate	9.301	41	118902	61.741	ug/l	91
49) 1,4-Dioxane	9.313	88	31825	1165.264	ug/l #	48
51) 4-Methyl-2-Pentanone	10.081	43	779544	319.537	ug/l	93
52) Toluene	10.252	92	302441	53.739	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	183457	54.899	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	195904	53.891	ug/l	94
55) 1,1,2-Trichloroethane	10.654	97	114870	57.980	ug/l	97
56) Ethyl methacrylate	10.520	69	158177	53.877	ug/l	89
57) 1,3-Dichloropropane	10.801	76	196615	57.652	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	260537	248.621	ug/l	95
59) 2-Hexanone	10.843	43	598084	326.723	ug/l	91
60) Dibromochloromethane	10.996	129	135247	58.324	ug/l	100
61) 1,2-Dibromoethane	11.099	107	117575	58.568	ug/l	100
64) Tetrachloroethene	10.727	164	183785	71.925	ug/l	97
65) Chlorobenzene	11.526	112	325348	53.632	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	126998	57.196	ug/l	99
67) Ethyl Benzene	11.599	91	586947	53.883	ug/l	99
68) m/p-Xylenes	11.709	106	452572	107.186	ug/l	96
69) o-Xylene	12.038	106	221343	54.853	ug/l	98
70) Styrene	12.050	104	374207	55.153	ug/l	97
71) Bromoform	12.215	173	96455	62.274	ug/l #	99
73) Isopropylbenzene	12.337	105	575539	54.532	ug/l	100
74) N-amyl acetate	12.148	43	172486	48.645	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	139392	55.325	ug/l	100
76) 1,2,3-Trichloropropane	12.642	75	203095	108.996	ug/l #	100
77) Bromobenzene	12.617	156	139470	55.794	ug/l	96
78) n-propylbenzene	12.678	91	684358	53.587	ug/l	99
79) 2-Chlorotoluene	12.764	91	396208	55.313	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	521237	59.044	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	47719	56.492	ug/l	97
82) 4-Chlorotoluene	12.861	91	393633	52.876	ug/l	99
83) tert-Butylbenzene	13.081	119	426162	55.116	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	588757	67.170	ug/l	99
85) sec-Butylbenzene	13.257	105	627010	54.368	ug/l	100
86) p-Isopropyltoluene	13.373	119	511133	52.880	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	259664	52.617	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	260316	52.184	ug/l	99
89) n-Butylbenzene	13.702	91	472873	51.978	ug/l	94
90) Hexachloroethane	13.971	117	103187	59.690	ug/l	87
91) 1,2-Dichlorobenzene	13.745	146	245452	54.501	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	32901	66.013	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	139561	49.345	ug/l	97
94) Hexachlorobutadiene	15.117	225	77128	50.011	ug/l	97
95) Naphthalene	15.239	128	453827	64.777	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	134645	52.192	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015607.D
Acq On : 16 Sep 2023 07:03
Operator : SY/MD
Sample : 04419-16MSD
Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 54 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Sep 16 07:38:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
Quant Title : SW846 8260
QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

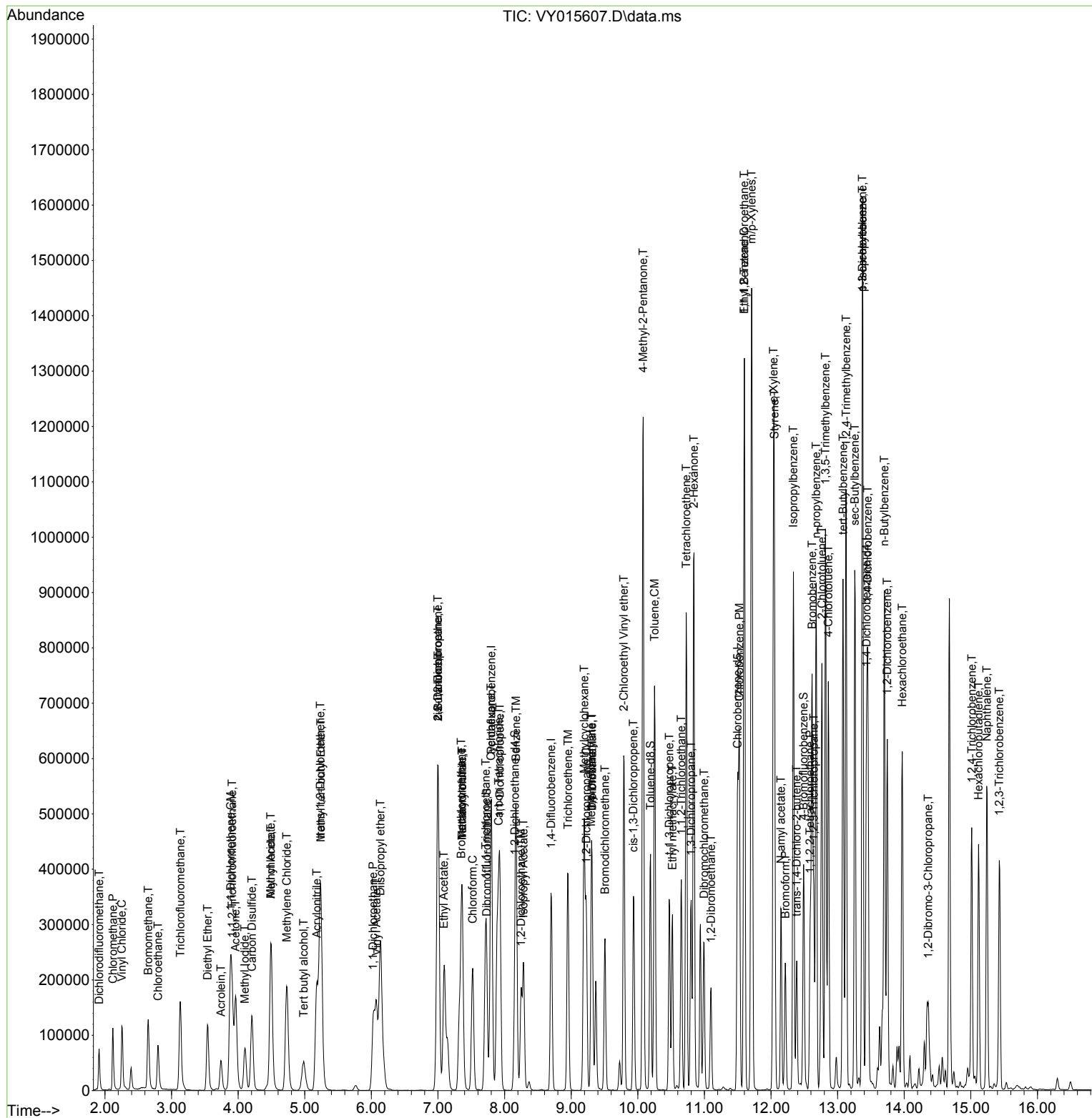
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

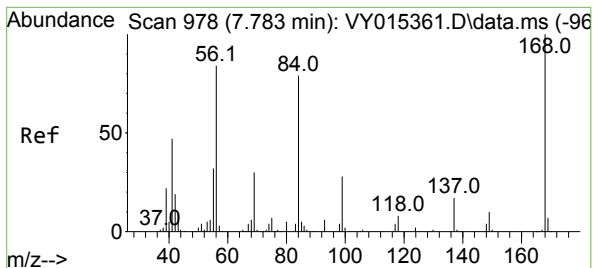
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015607.D
 Acq On : 16 Sep 2023 07:03
 Operator : SY/MD
 Sample : 04419-16MSD
 Misc : 5.76g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 16 07:38:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.801 min Scan# 91

Delta R.T. 0.018 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

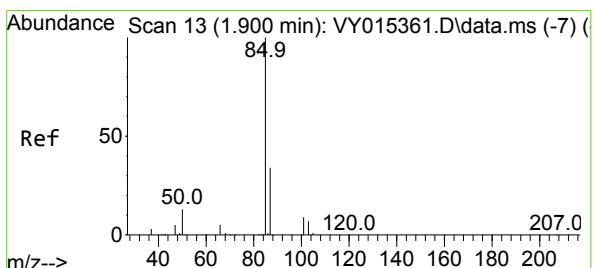
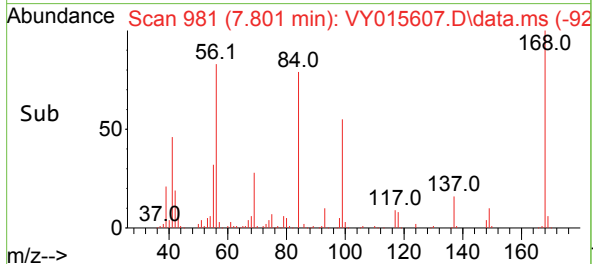
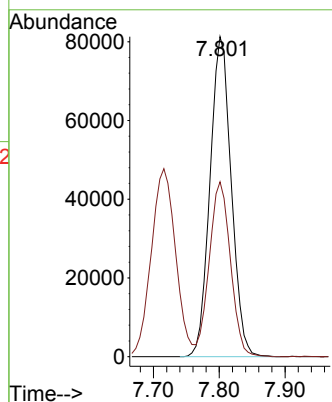
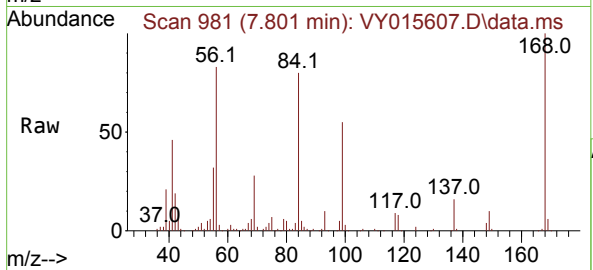
ClientSampleId :

Tgt Ion:168 Resp: 182804

Ion Ratio Lower Upper

168 100

99 54.7 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 39.012 ug/l

RT: 1.912 min Scan# 15

Delta R.T. 0.012 min

Lab File: VY015607.D

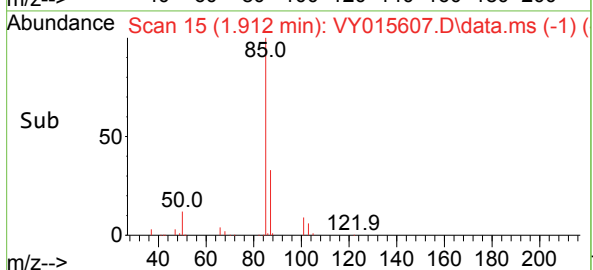
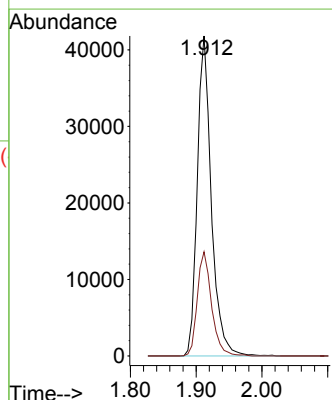
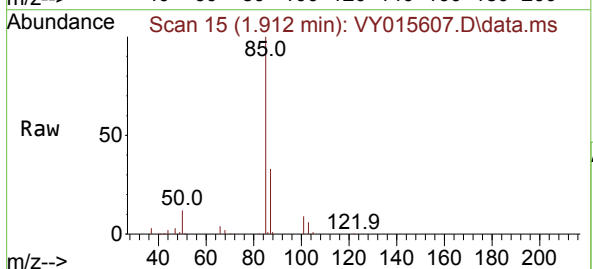
Acq: 16 Sep 2023 07:03

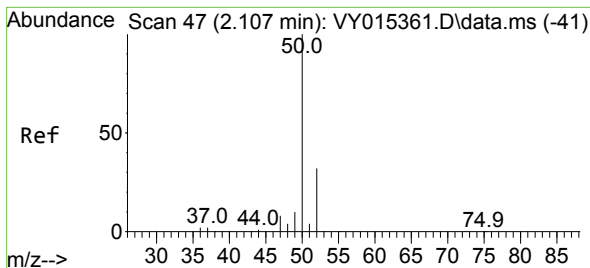
Tgt Ion: 85 Resp: 61992

Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.8





#3

Chloromethane

Concen: 46.191 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

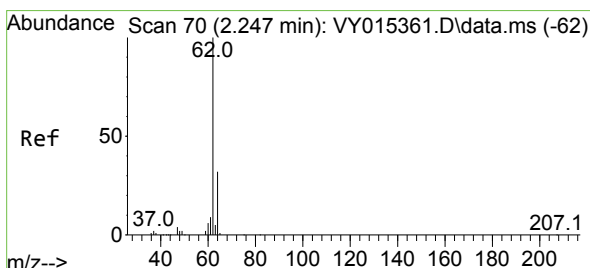
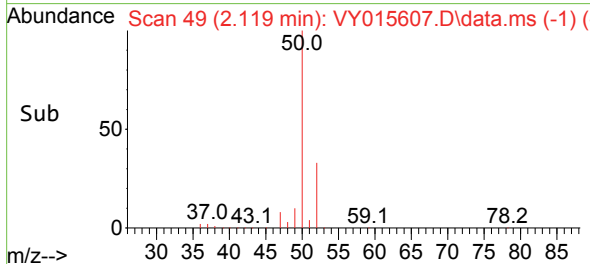
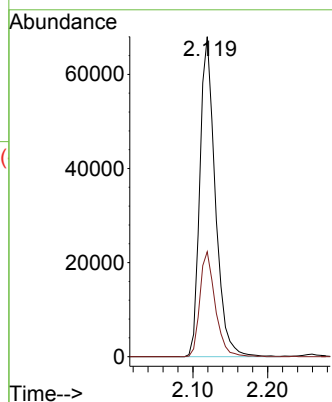
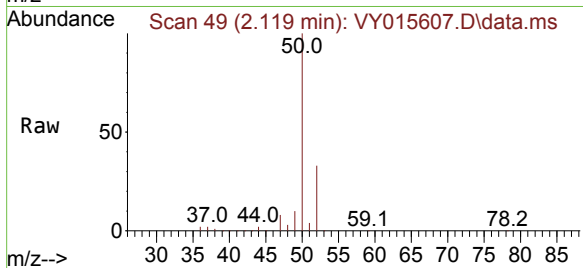
ClientSampleId :

Tgt Ion: 50 Resp: 97480

Ion Ratio Lower Upper

50 100

52 32.8 25.4 38.2



#4

Vinyl Chloride

Concen: 46.472 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015607.D

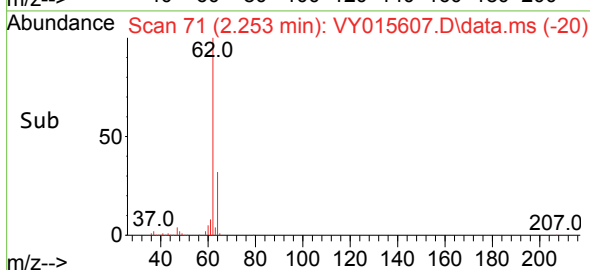
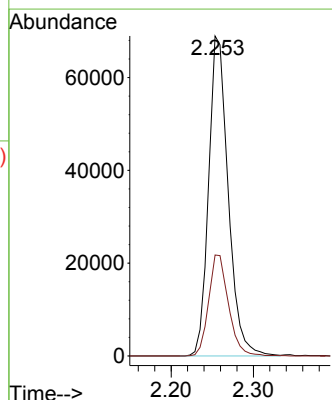
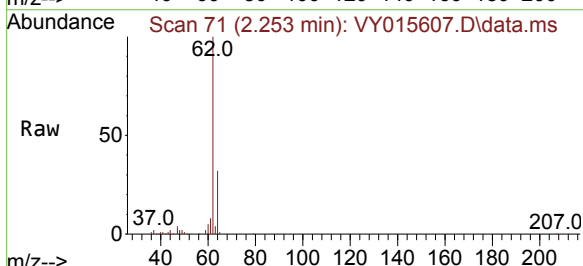
Acq: 16 Sep 2023 07:03

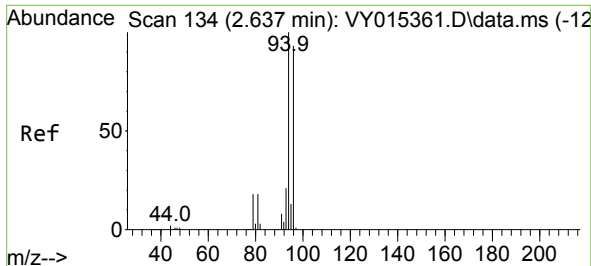
Tgt Ion: 62 Resp: 114152

Ion Ratio Lower Upper

62 100

64 31.6 24.3 36.5





#5

Bromomethane

Concen: 50.896 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

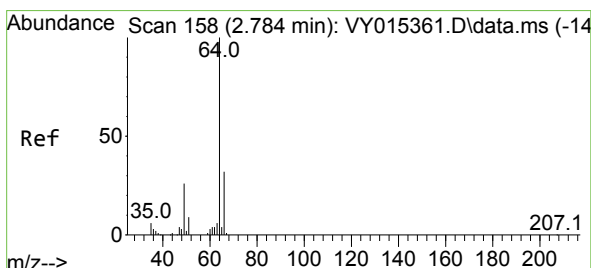
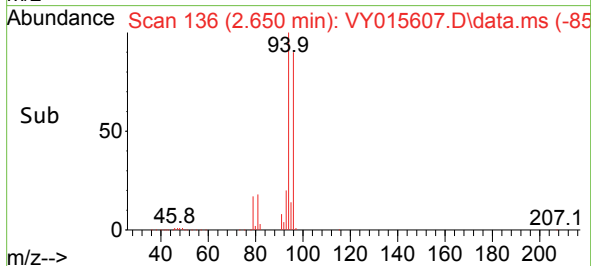
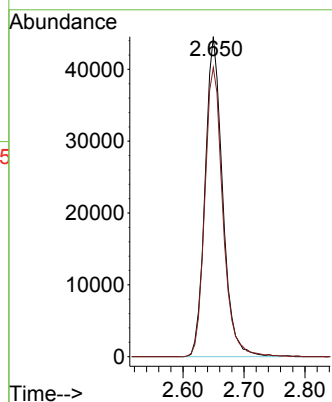
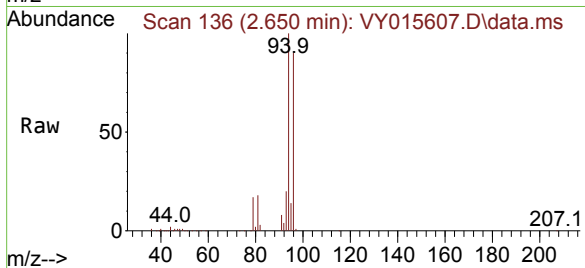
ClientSampleId :

Tgt Ion: 94 Resp: 88956

Ion Ratio Lower Upper

94 100

96 90.3 75.8 113.6



#6

Chloroethane

Concen: 50.527 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.012 min

Lab File: VY015607.D

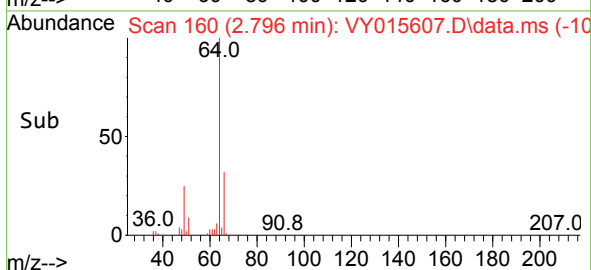
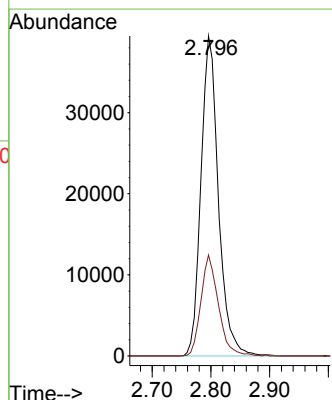
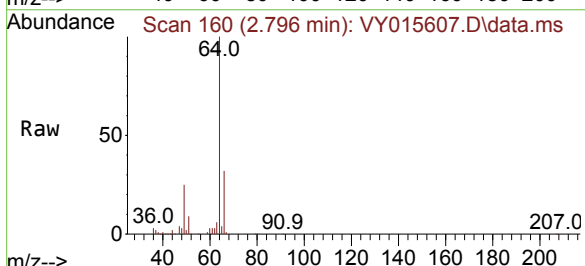
Acq: 16 Sep 2023 07:03

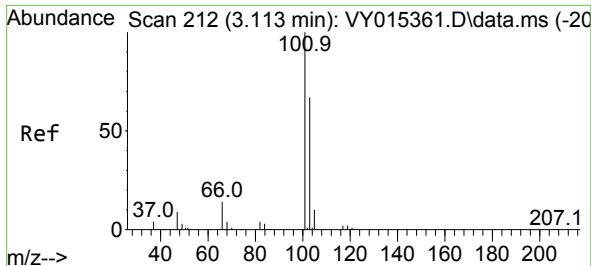
Tgt Ion: 64 Resp: 81578

Ion Ratio Lower Upper

64 100

66 31.5 24.4 36.6

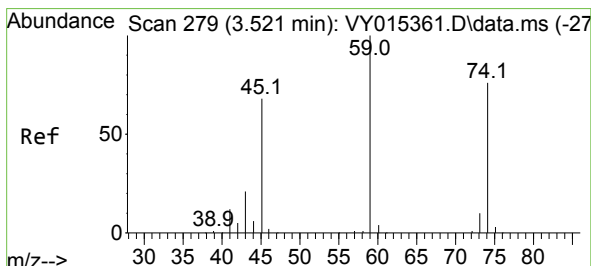
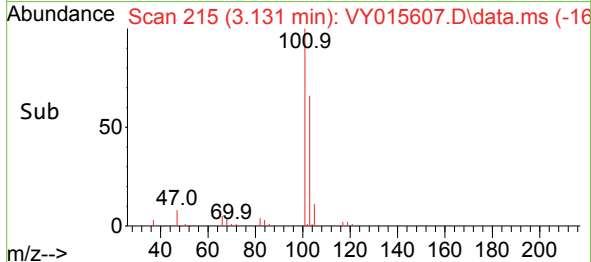
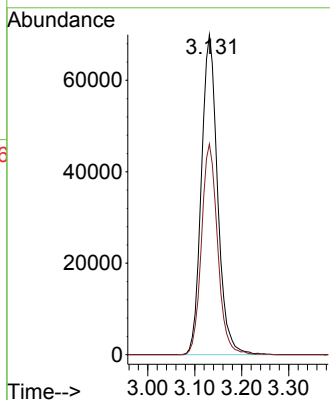
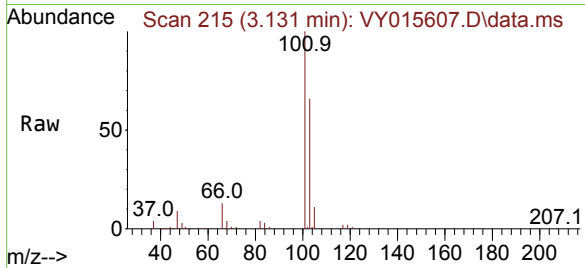




#7
 Trichlorofluoromethane
 Concen: 48.256 ug/l
 RT: 3.131 min Scan# 212
 Delta R.T. 0.018 min
 Lab File: VY015607.D
 Acq: 16 Sep 2023 07:03

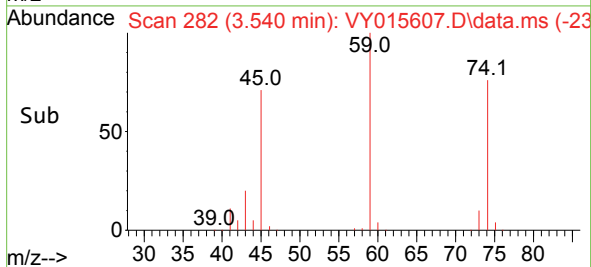
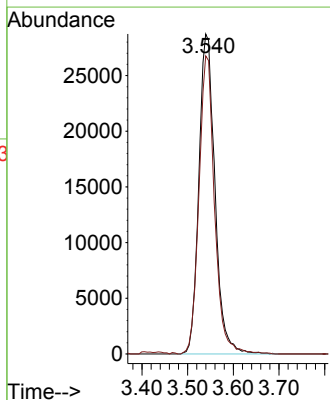
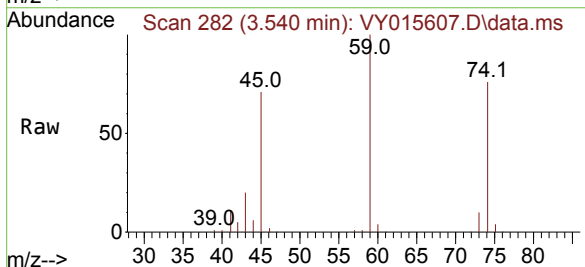
Instrument :
 MSVOA_Y
 ClientSampleId :

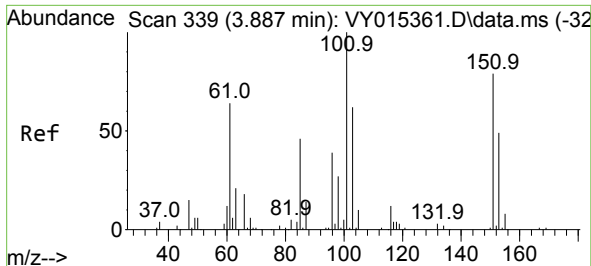
Tgt Ion:101 Resp: 167669
 Ion Ratio Lower Upper
 101 100
 103 65.9 51.4 77.0



#8
 Diethyl Ether
 Concen: 58.873 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.018 min
 Lab File: VY015607.D
 Acq: 16 Sep 2023 07:03

Tgt Ion: 74 Resp: 69907
 Ion Ratio Lower Upper
 74 100
 45 91.0 51.5 154.5

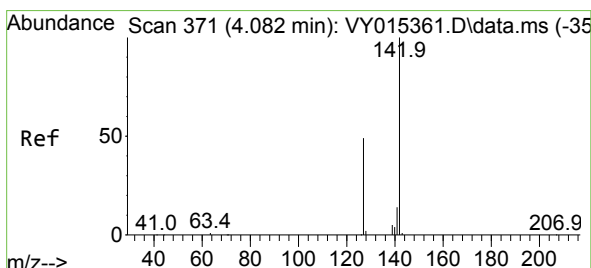
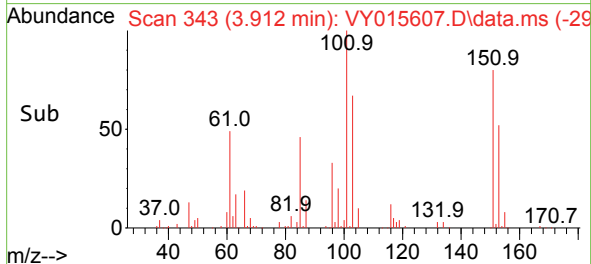
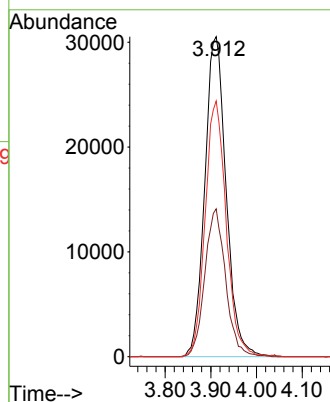
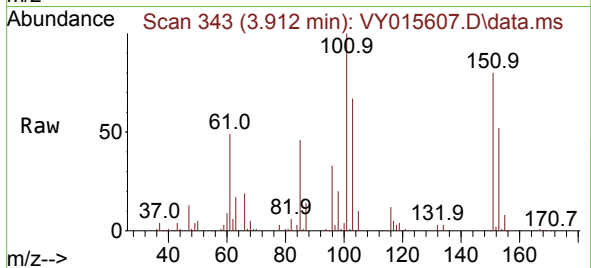




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.449 ug/l
RT: 3.912 min Scan# 341
Delta R.T. 0.018 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

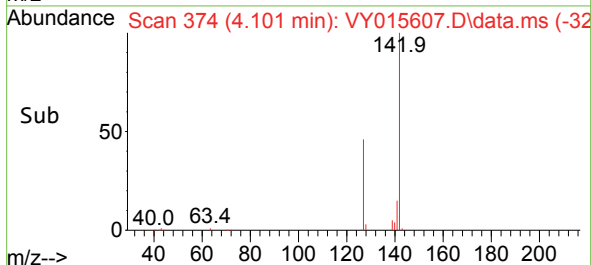
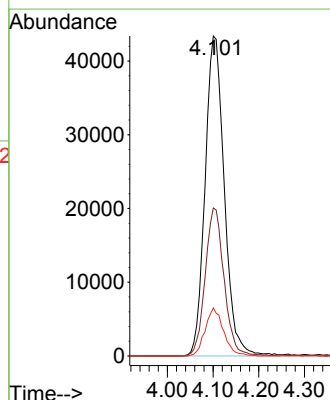
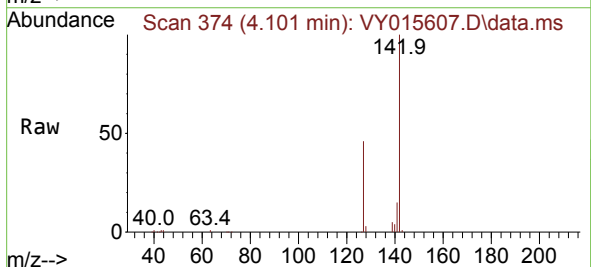
Instrument :
MSVOA_Y
ClientSampleId :

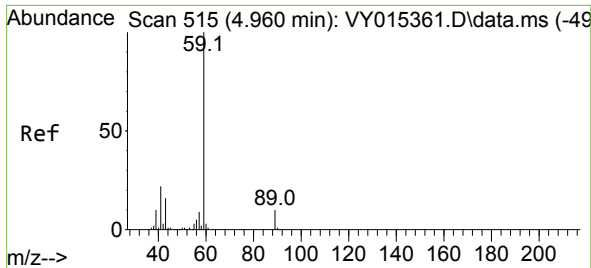
Tgt Ion:101 Resp: 99079
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 78.6 67.0 100.6



#10
Methyl Iodide
Concen: 56.122 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.018 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion:142 Resp: 126920
Ion Ratio Lower Upper
142 100
127 45.4 37.6 56.4
141 14.3 11.8 17.8

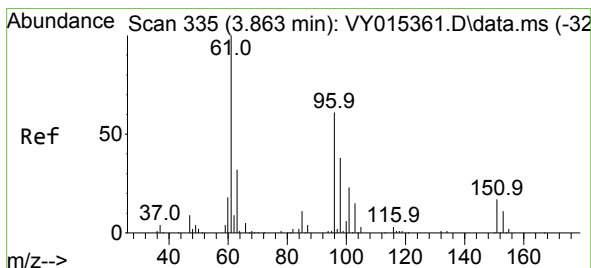
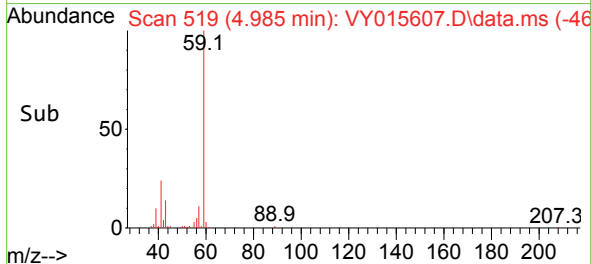
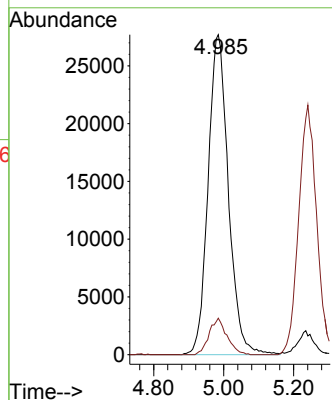
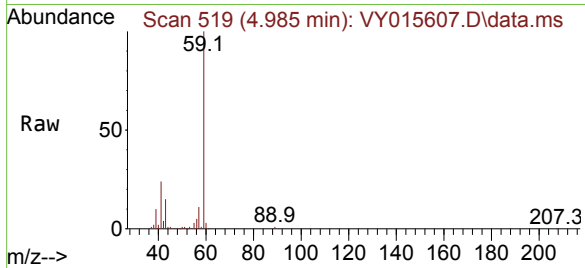




#11
Tert butyl alcohol
Concen: 259.629 ug/l
RT: 4.985 min Scan# 515
Delta R.T. 0.031 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

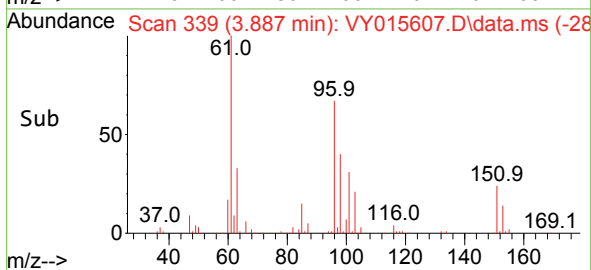
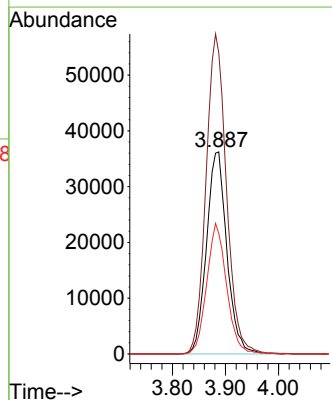
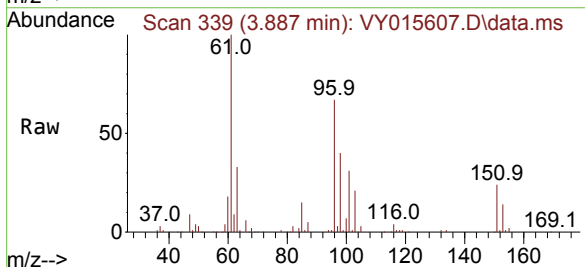
Instrument :
MSVOA_Y
ClientSampleId :

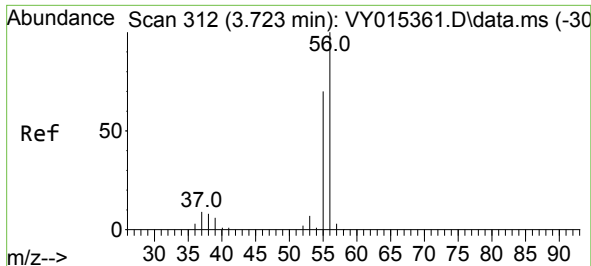
Tgt Ion: 59 Resp: 111489
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 53.386 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.024 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion: 96 Resp: 97013
Ion Ratio Lower Upper
96 100
61 149.0 136.4 204.6
98 59.6 49.4 74.2





#13

Acrolein

Concen: 125.005 ug/l

RT: 3.741 min Scan# 31

Delta R.T. 0.018 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

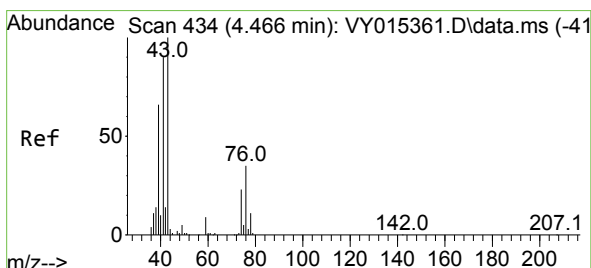
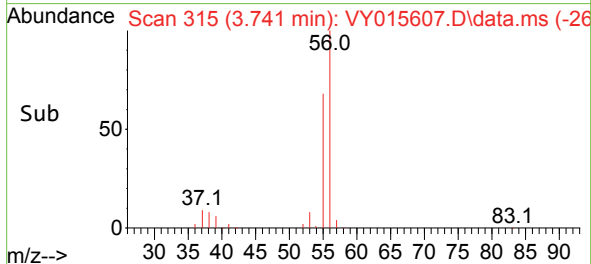
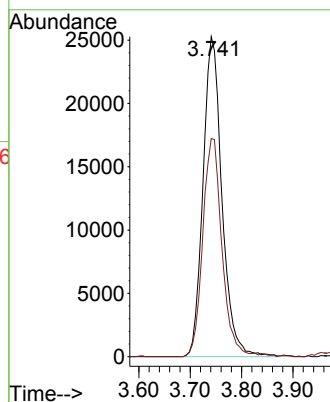
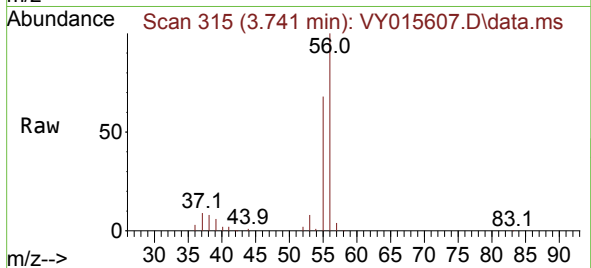
ClientSampleId :

Tgt Ion: 56 Resp: 64730

Ion Ratio Lower Upper

56 100

55 68.8 57.0 85.4



#14

Allyl chloride

Concen: 56.671 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.018 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

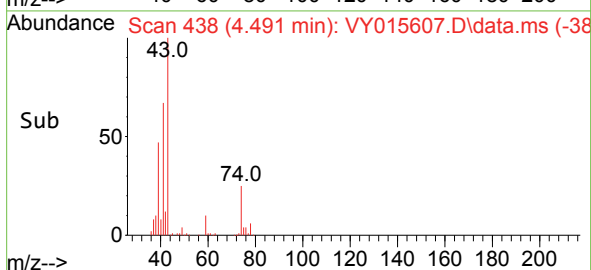
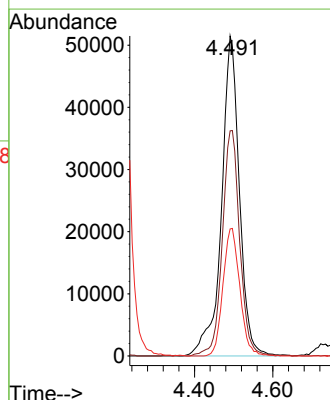
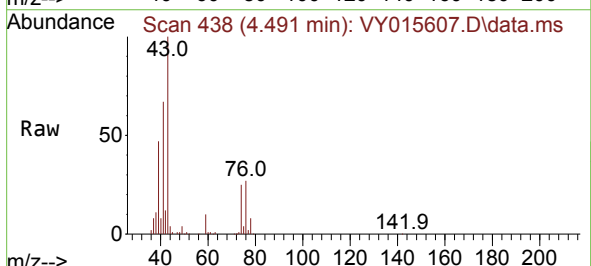
Tgt Ion: 41 Resp: 163966

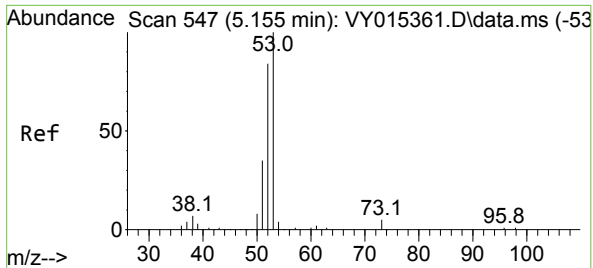
Ion Ratio Lower Upper

41 100

39 68.4 58.0 87.0

76 37.5 27.4 41.2

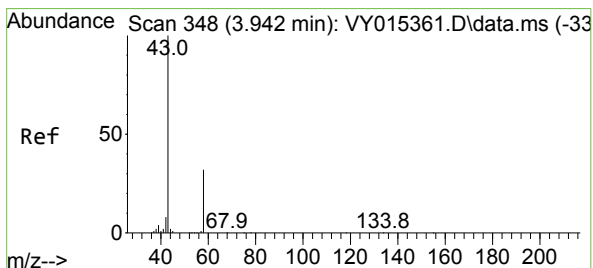
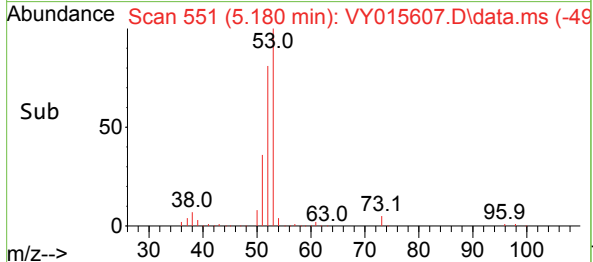
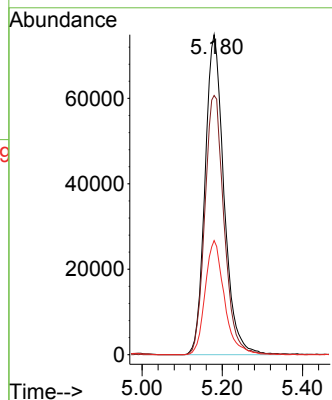
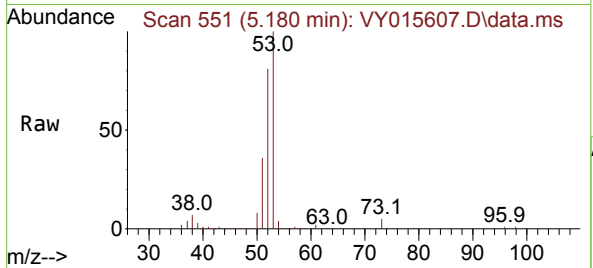




#15
Acrylonitrile
Concen: 328.393 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

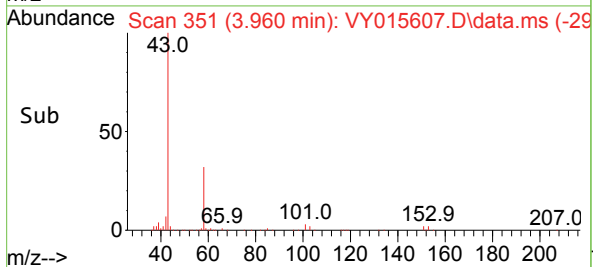
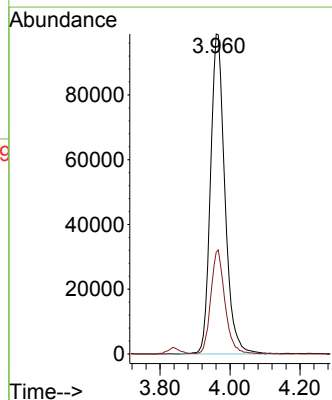
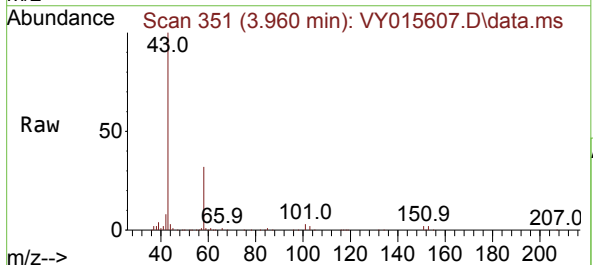
Instrument :
MSVOA_Y
ClientSampleId :

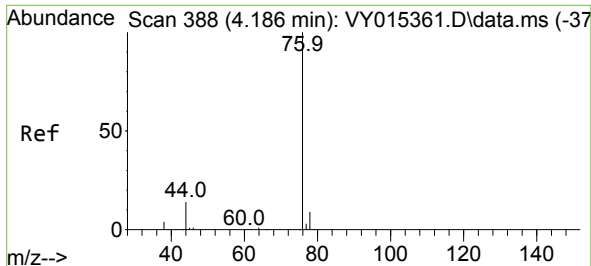
Tgt Ion: 53 Resp: 245373
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 345.611 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.018 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion: 43 Resp: 282689
Ion Ratio Lower Upper
43 100
58 31.8 22.7 34.1

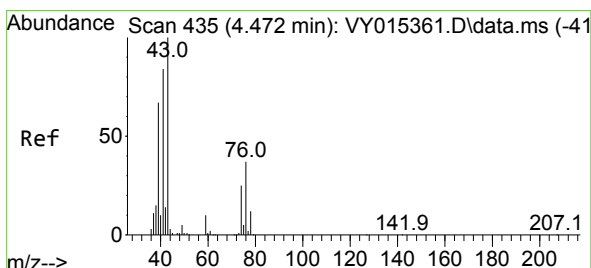
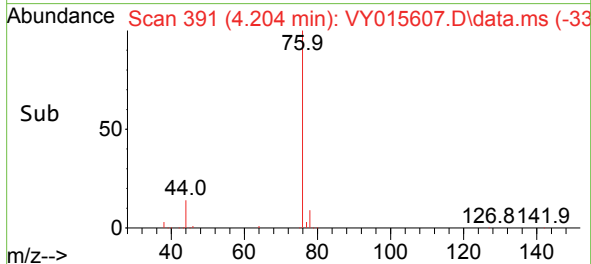
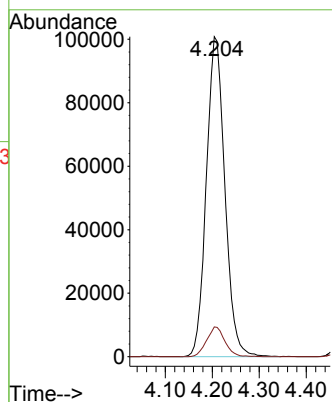
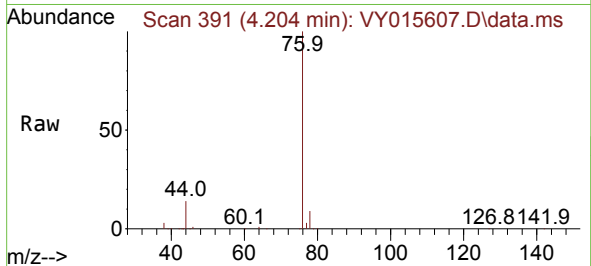




#17
Carbon Disulfide
Concen: 50.742 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.018 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

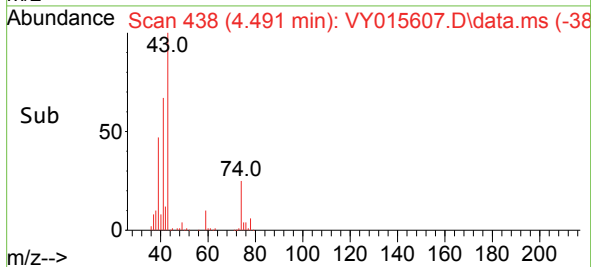
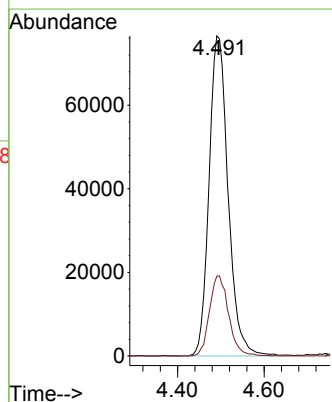
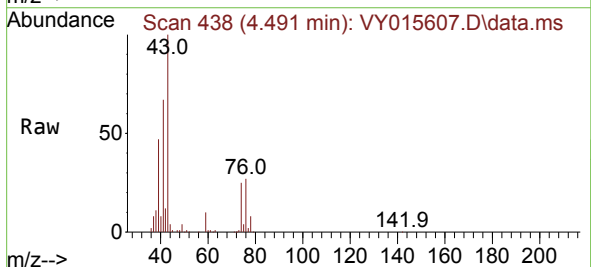
Instrument :
MSVOA_Y
ClientSampleId :

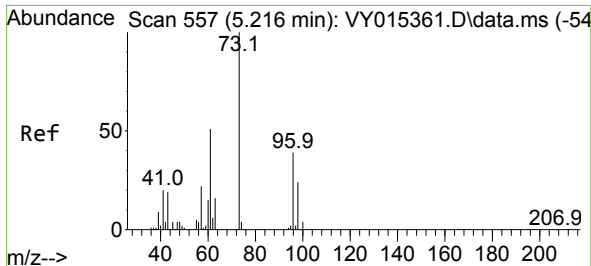
Tgt Ion: 76 Resp: 275663
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 78.983 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion: 43 Resp: 233995
Ion Ratio Lower Upper
43 100
74 25.1 17.4 26.0

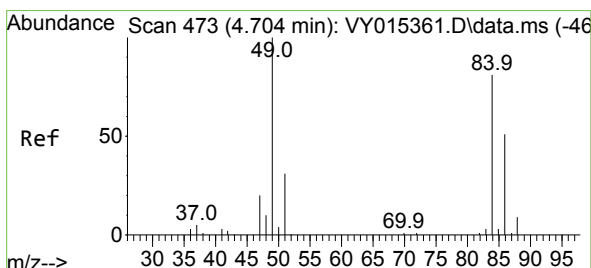
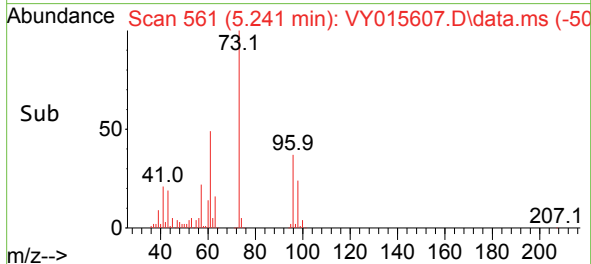
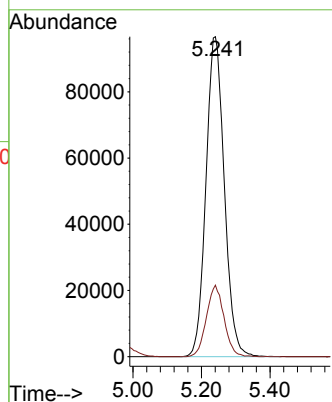
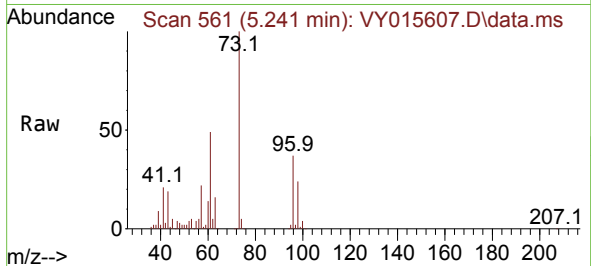




#19
Methyl tert-butyl Ether
Concen: 60.956 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.030 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

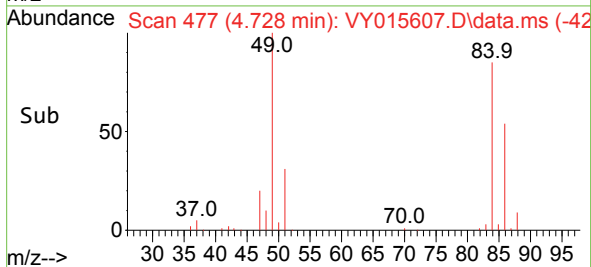
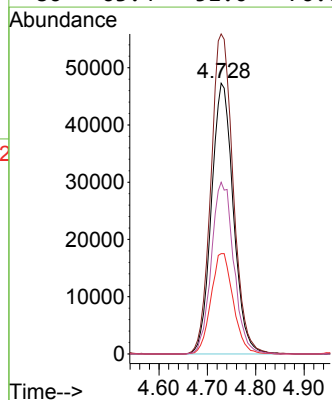
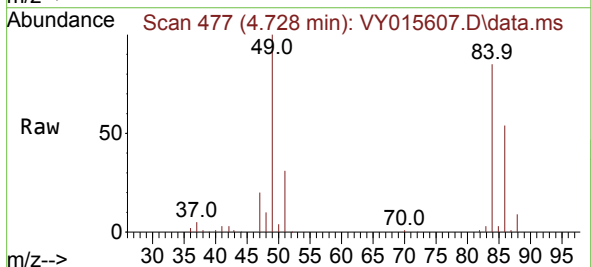
Instrument :
MSVOA_Y
ClientSampleId :

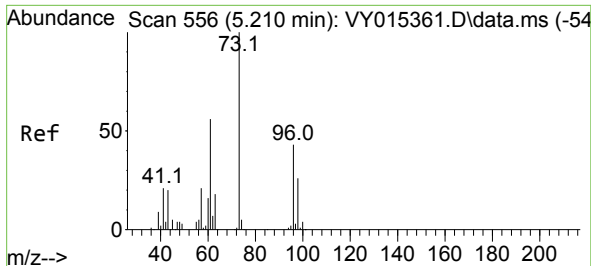
Tgt Ion: 73 Resp: 360012
Ion Ratio Lower Upper
73 100
57 22.4 17.3 25.9



#20
Methylene Chloride
Concen: 58.199 ug/l
RT: 4.728 min Scan# 477
Delta R.T. 0.024 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

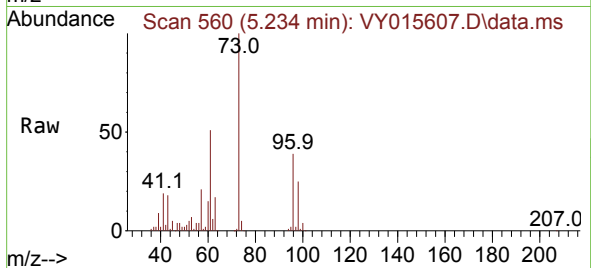
Tgt Ion: 84 Resp: 148775
Ion Ratio Lower Upper
84 100
49 118.2 106.9 160.3
51 37.1 33.2 49.8
86 63.4 51.0 76.6



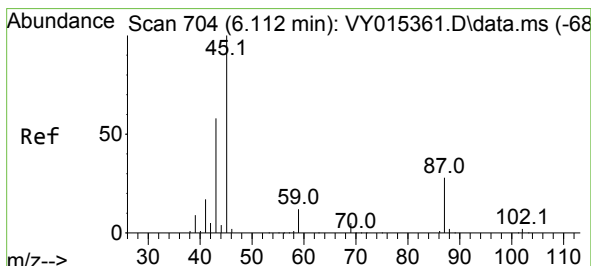
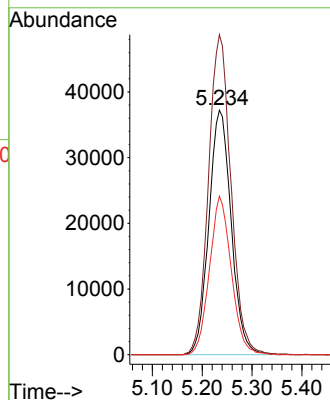
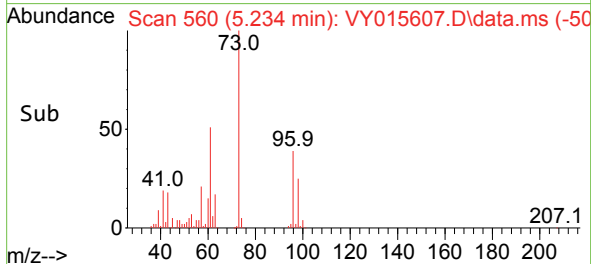


#21
trans-1,2-Dichloroethene
Concen: 55.410 ug/l
RT: 5.234 min Scan# 511
Delta R.T. 0.024 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

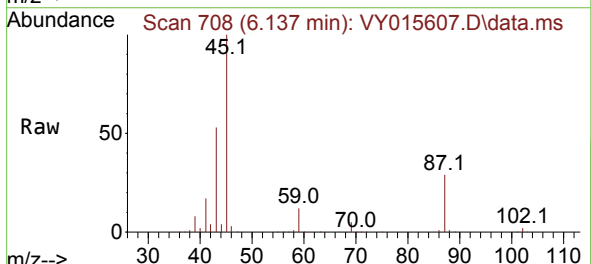
Instrument :
MSVOA_Y
ClientSampleId :



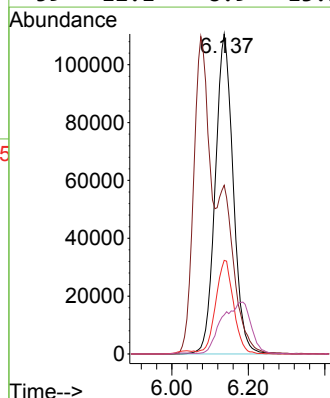
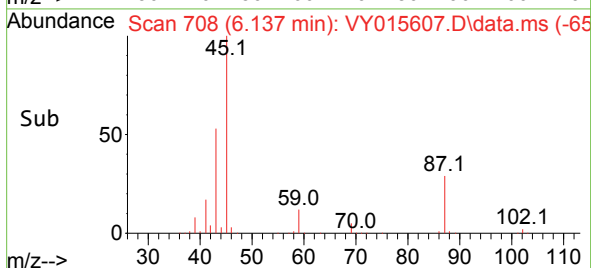
Tgt Ion: 96 Resp: 115947
Ion Ratio Lower Upper
96 100
61 130.9 110.2 165.4
98 64.8 51.8 77.6

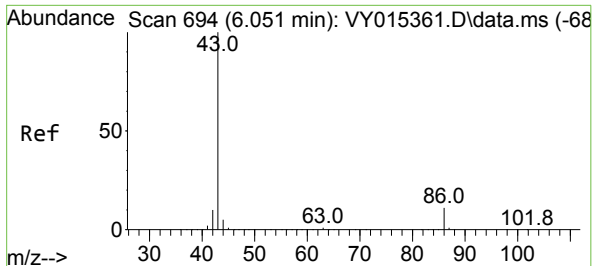


#22
Diisopropyl ether
Concen: 56.864 ug/l
RT: 6.137 min Scan# 708
Delta R.T. 0.024 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03



Tgt Ion: 45 Resp: 359826
Ion Ratio Lower Upper
45 100
43 52.3 52.2 78.4
87 29.3 21.0 31.6
59 12.1 8.9 13.3

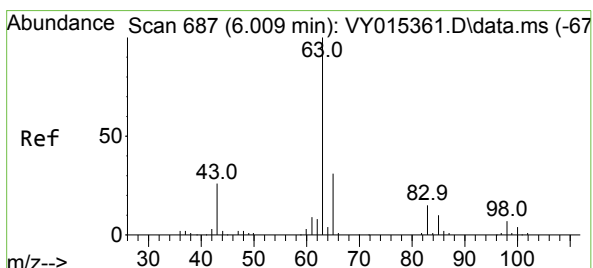
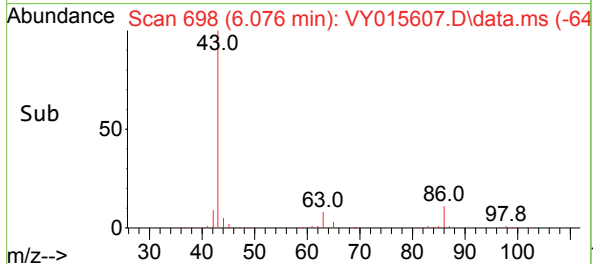
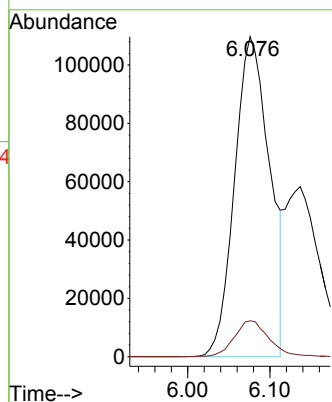
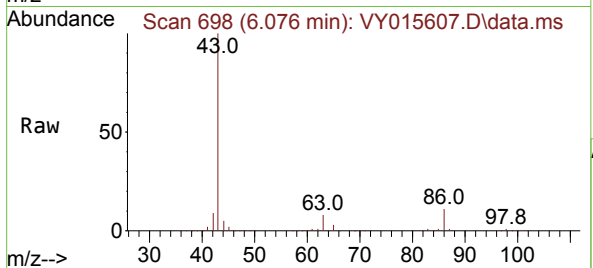




#23
 Vinyl Acetate
 Concen: 81.439 ug/l
 RT: 6.076 min Scan# 694
 Delta R.T. 0.024 min
 Lab File: VY015607.D
 Acq: 16 Sep 2023 07:03

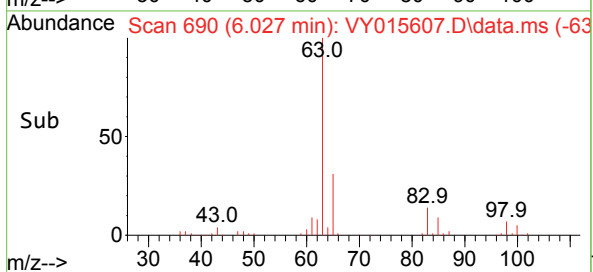
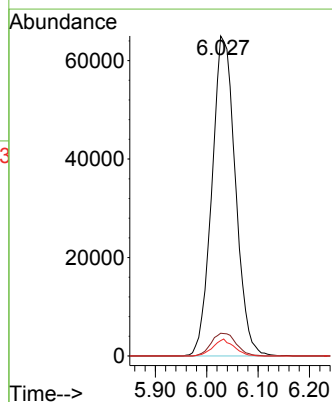
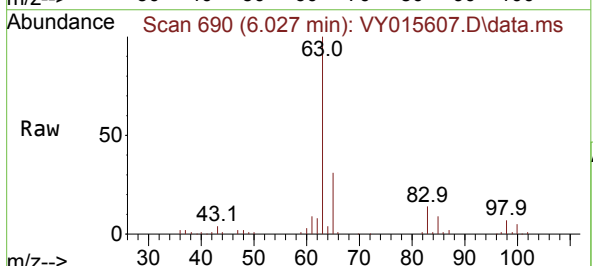
Instrument :
 MSVOA_Y
 ClientSampleId :

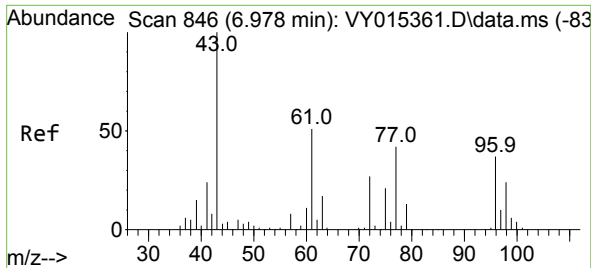
Tgt Ion: 43 Resp: 325367
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 56.345 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.024 min
 Lab File: VY015607.D
 Acq: 16 Sep 2023 07:03

Tgt Ion: 63 Resp: 206106
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.8 1.8 5.5

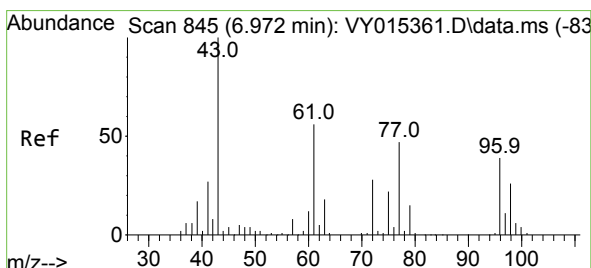
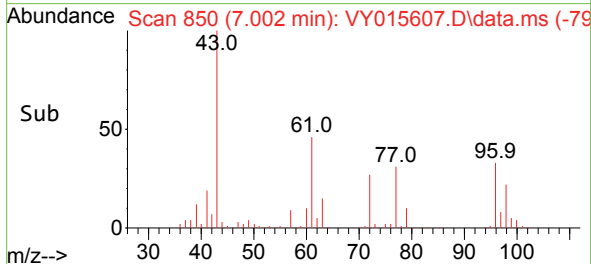
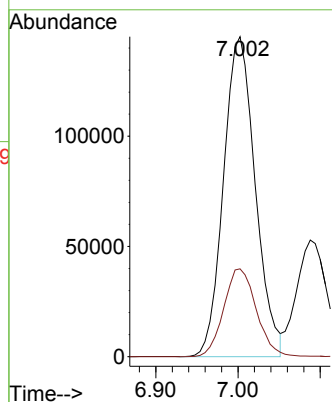
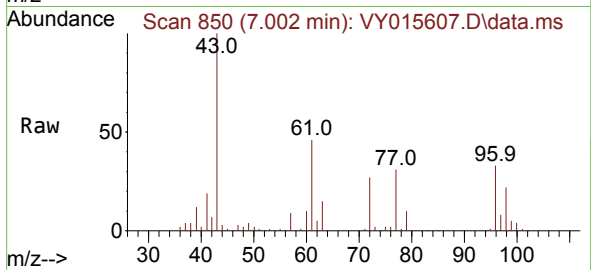




#25
2-Butanone
Concen: 336.268 ug/l
RT: 7.002 min Scan# 81
Delta R.T. 0.024 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

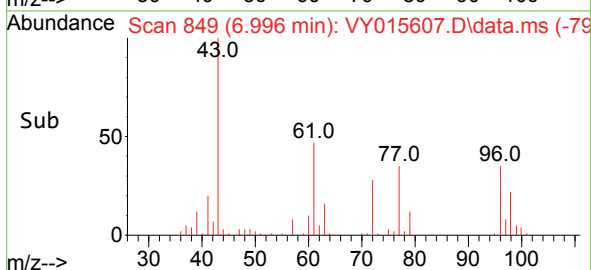
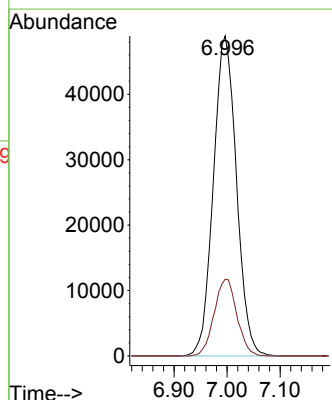
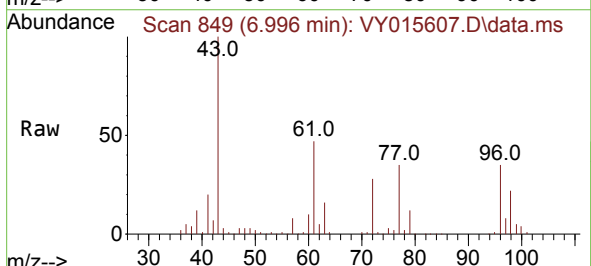
Instrument :
MSVOA_Y
ClientSampleId :

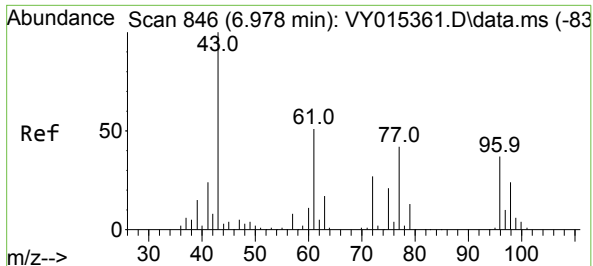
Tgt Ion: 43 Resp: 390108
Ion Ratio Lower Upper
43 100
72 27.4 20.5 30.7



#26
2,2-Dichloropropane
Concen: 47.607 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.024 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion: 77 Resp: 147908
Ion Ratio Lower Upper
77 100
97 23.6 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 56.755 ug/l

RT: 6.996 min Scan# 846

Delta R.T. 0.018 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :

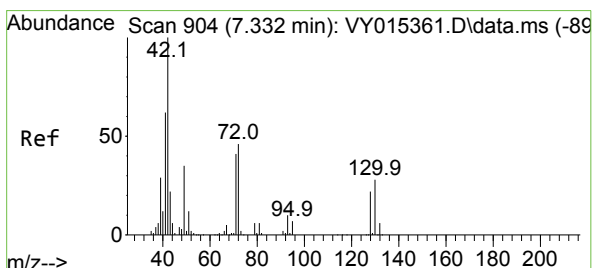
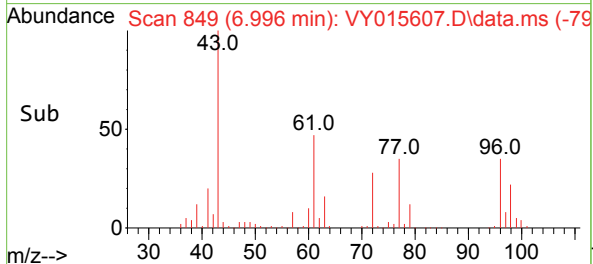
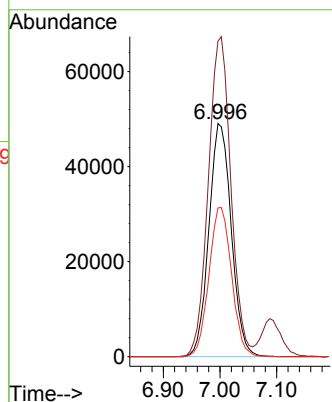
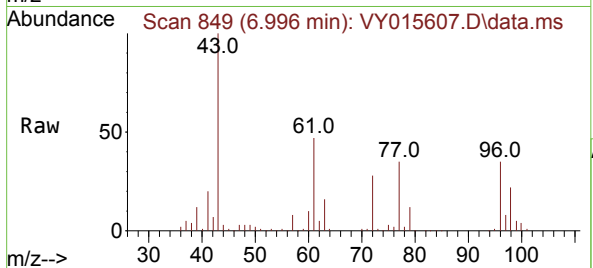
Tgt Ion: 96 Resp: 134730

Ion Ratio Lower Upper

96 100

61 138.2 0.0 301.4

98 64.6 0.0 130.4



#28

Bromochloromethane

Concen: 45.452 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.024 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

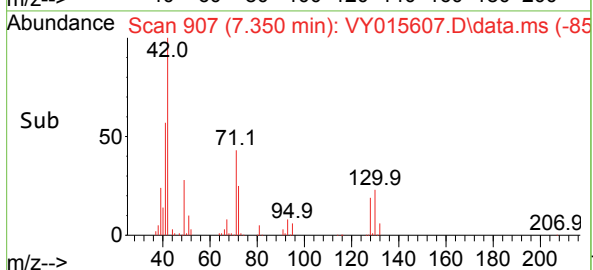
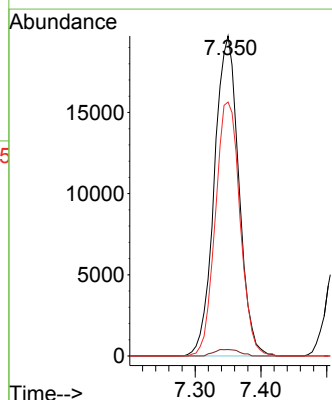
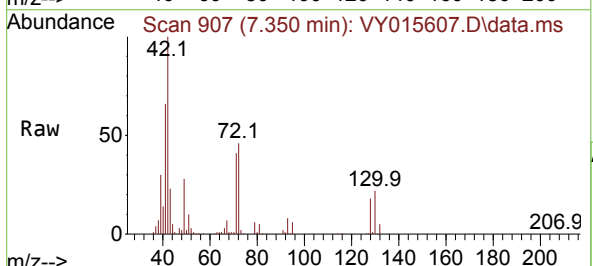
Tgt Ion: 49 Resp: 50985

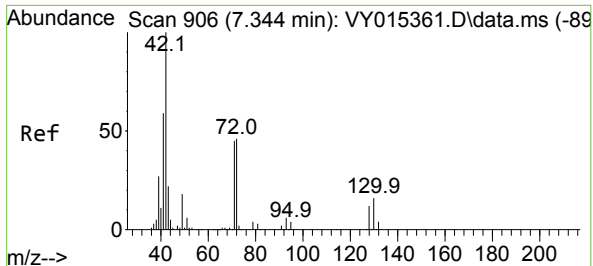
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 80.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 338.818 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.018 min

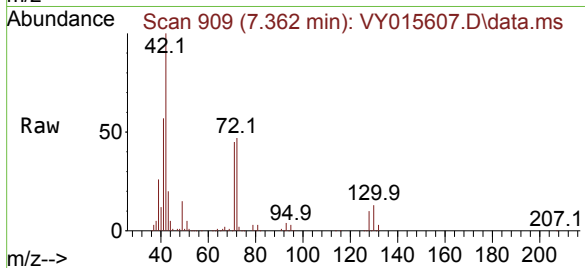
Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :



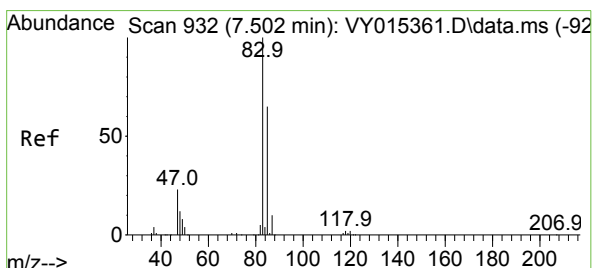
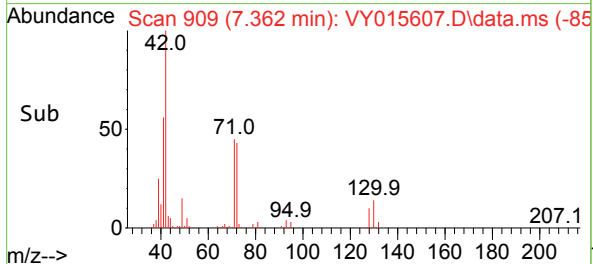
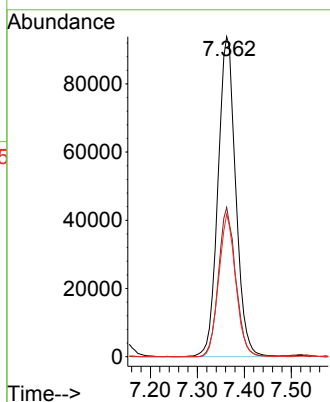
Tgt Ion: 42 Resp: 246836

Ion Ratio Lower Upper

42 100

72 45.3 32.8 49.2

71 42.8 31.0 46.4



#30

Chloroform

Concen: 56.944 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.024 min

Lab File: VY015607.D

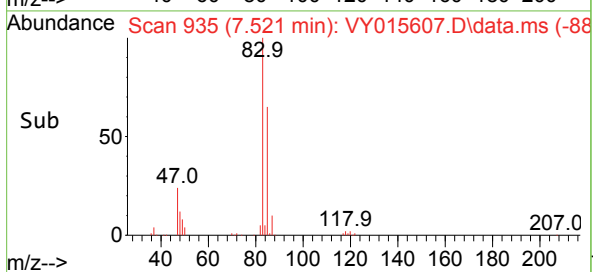
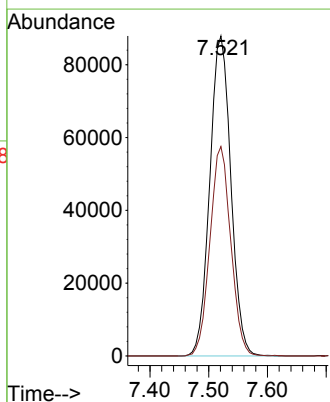
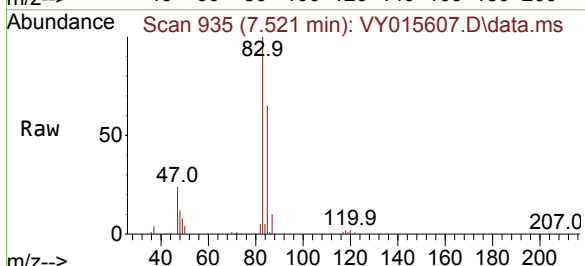
Acq: 16 Sep 2023 07:03

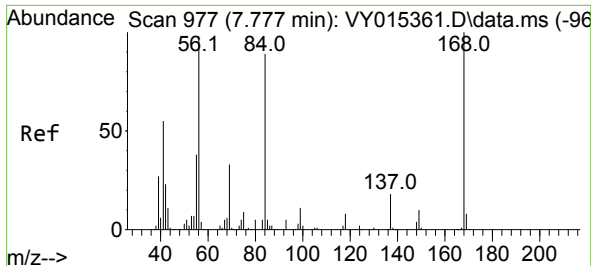
Tgt Ion: 83 Resp: 218969

Ion Ratio Lower Upper

83 100

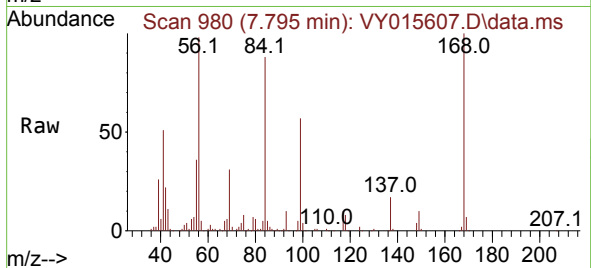
85 65.4 49.7 74.5



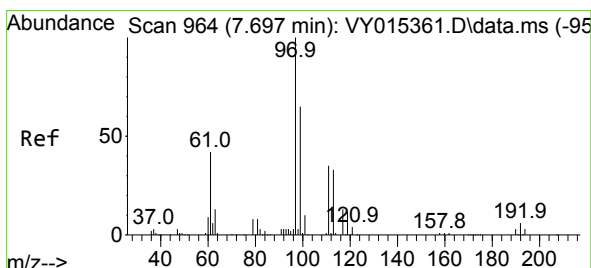
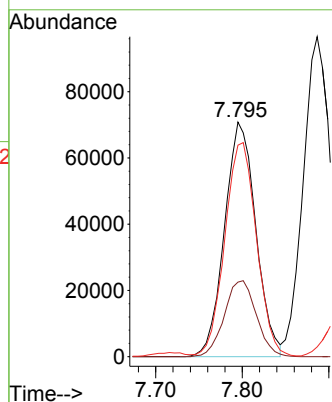
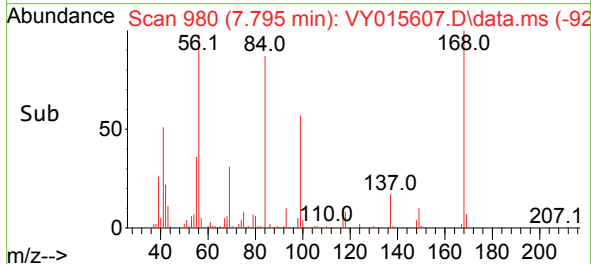


#31
Cyclohexane
Concen: 51.088 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Instrument :
MSVOA_Y
ClientSampleId :

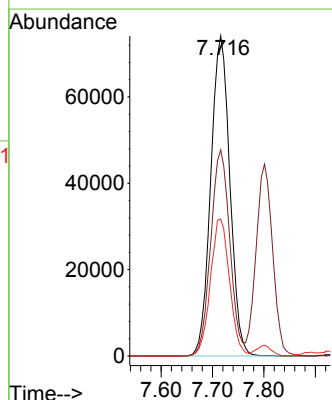
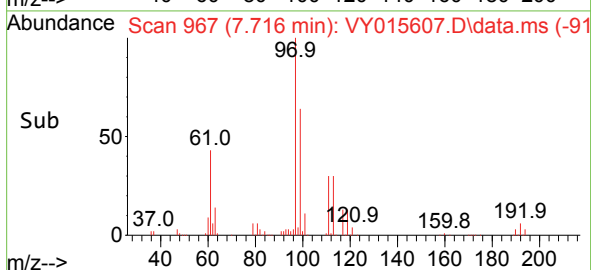
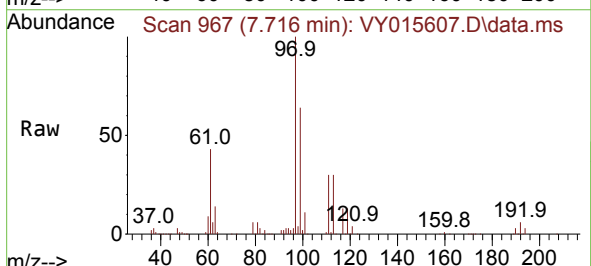


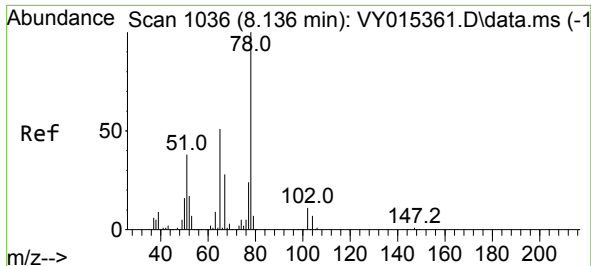
Tgt Ion: 56 Resp: 177837
Ion Ratio Lower Upper
56 100
69 31.8 27.8 41.6
84 88.6 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 55.609 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.024 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion: 97 Resp: 191000
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 42.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.690 ug/l

RT: 8.155 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

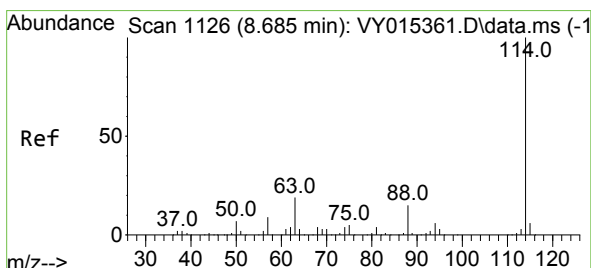
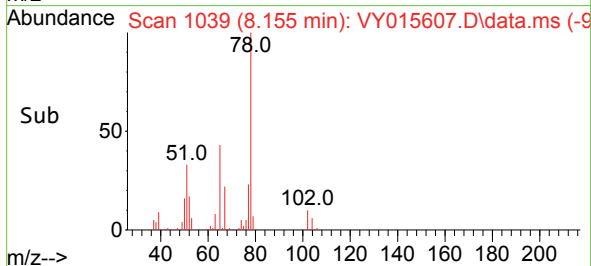
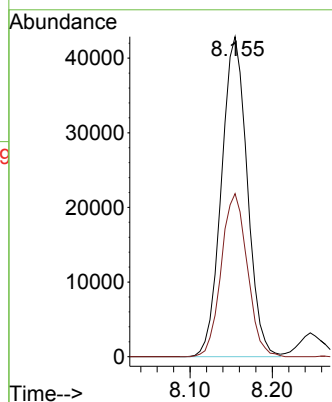
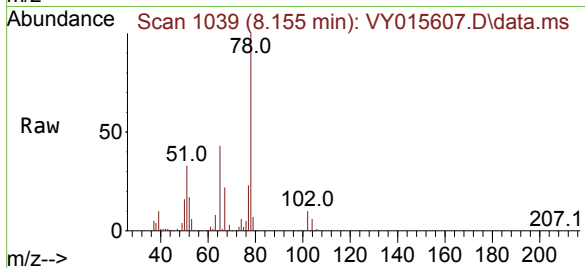
ClientSampleId :

Tgt Ion: 65 Resp: 93455

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

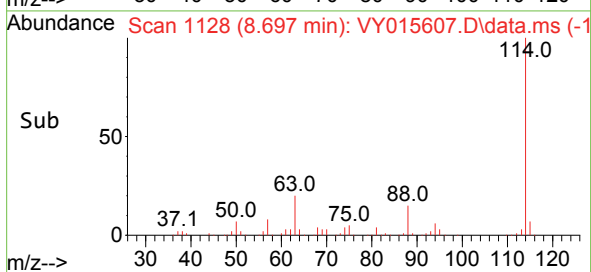
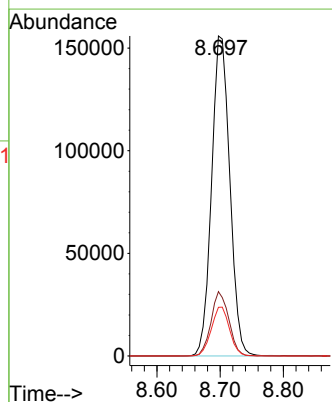
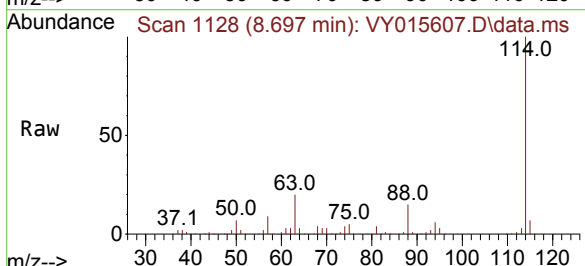
Tgt Ion: 114 Resp: 311192

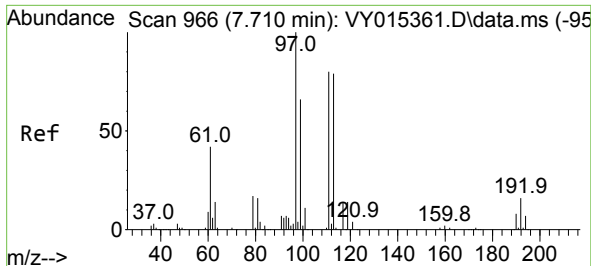
Ion Ratio Lower Upper

114 100

63 20.1 0.0 42.4

88 15.2 0.0 30.6

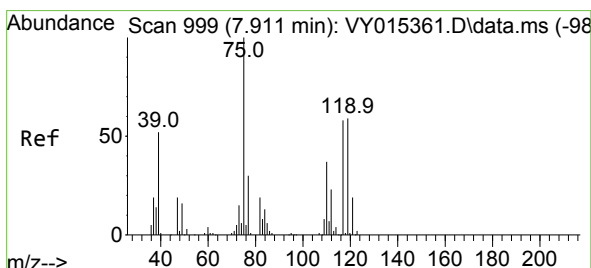
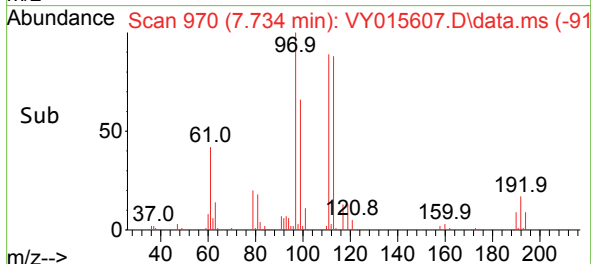
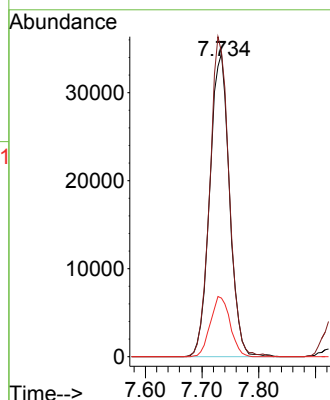
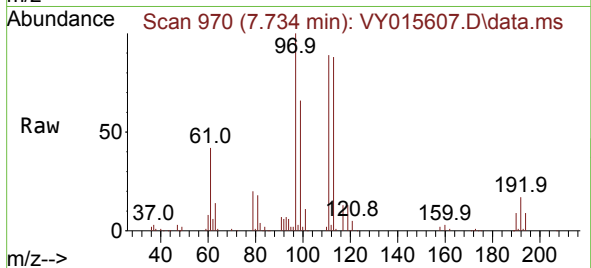




#35
Dibromofluoromethane
Concen: 46.356 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

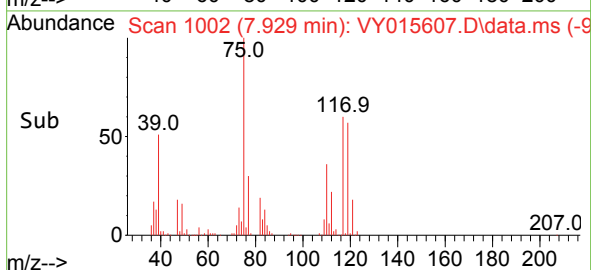
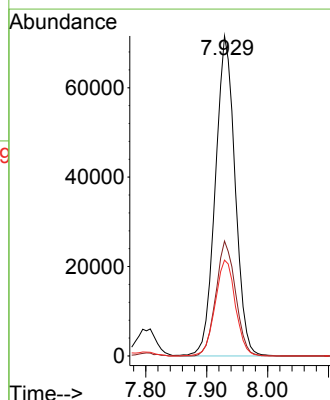
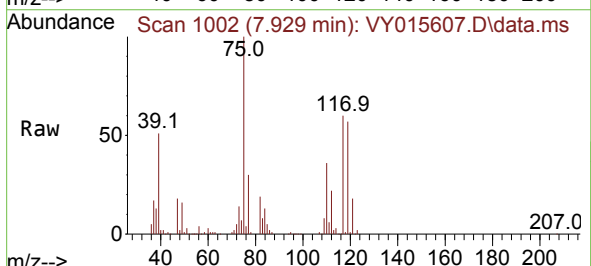
Instrument :
MSVOA_Y
ClientSampleId :

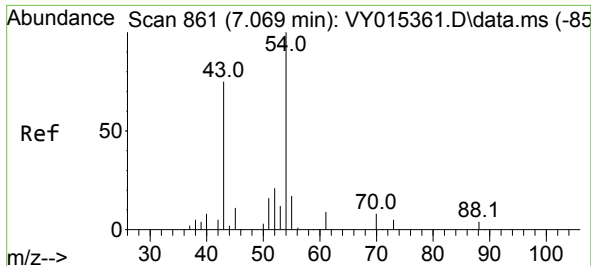
Tgt Ion:113 Resp: 83088
Ion Ratio Lower Upper
113 100
111 103.5 81.3 121.9
192 19.8 16.9 25.3



#36
1,1-Dichloropropene
Concen: 51.176 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion: 75 Resp: 161063
Ion Ratio Lower Upper
75 100
110 35.7 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 58.525 ug/l

RT: 7.088 min Scan# 864

Delta R.T. 0.024 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :

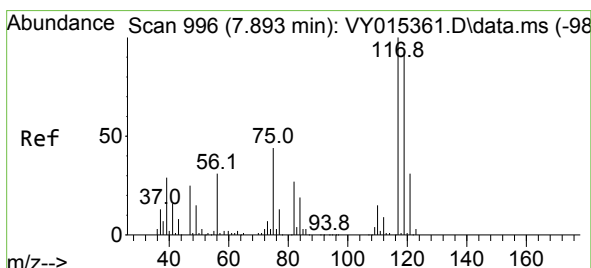
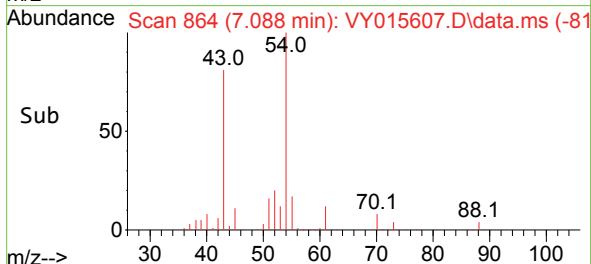
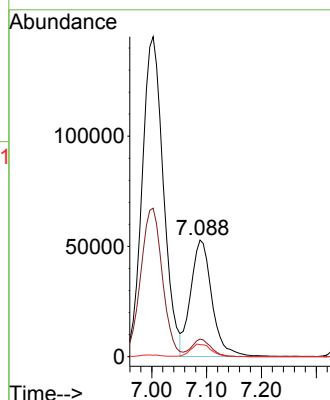
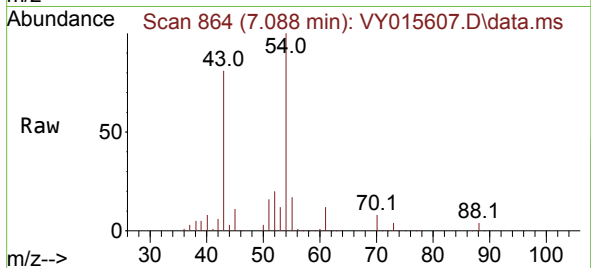
Tgt Ion: 43 Resp: 142059

Ion Ratio Lower Upper

43 100

61 13.8 10.1 15.1

70 10.5 7.1 10.7



#38

Carbon Tetrachloride

Concen: 53.135 ug/l

RT: 7.911 min Scan# 999

Delta R.T. 0.018 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

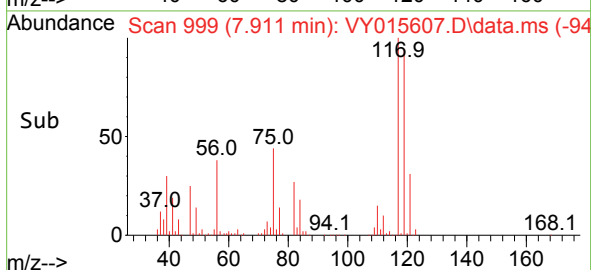
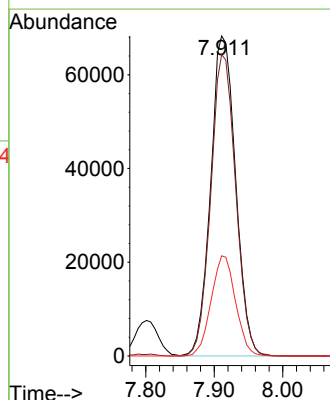
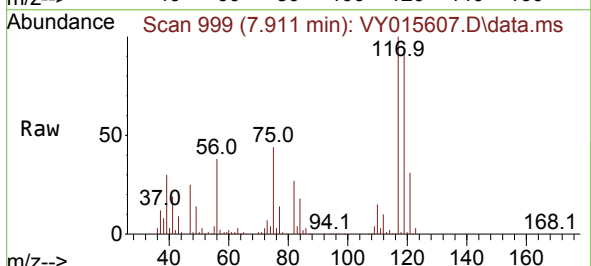
Tgt Ion:117 Resp: 172718

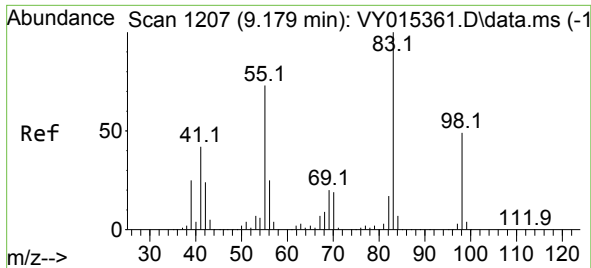
Ion Ratio Lower Upper

117 100

119 94.2 76.4 114.6

121 31.3 25.8 38.6

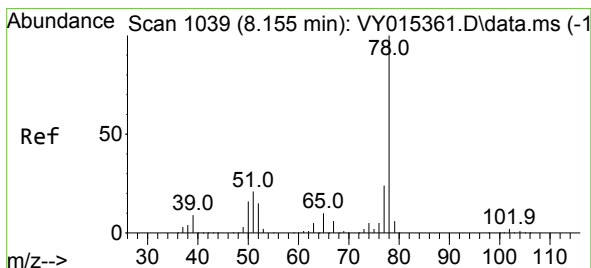
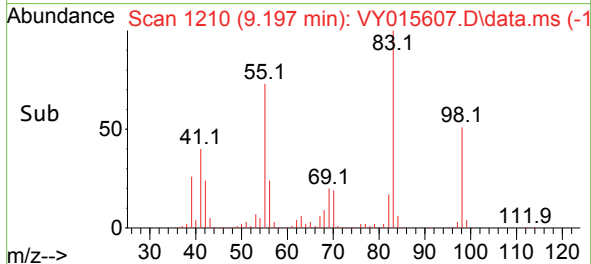
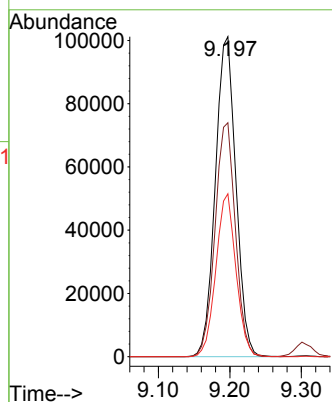
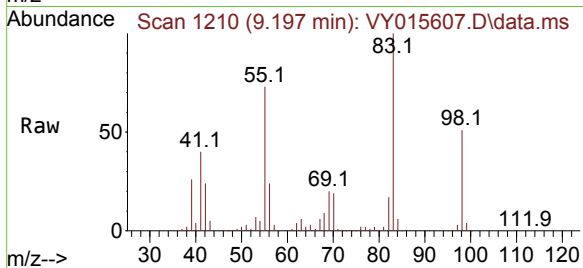




#39
Methylcyclohexane
Concen: 51.065 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

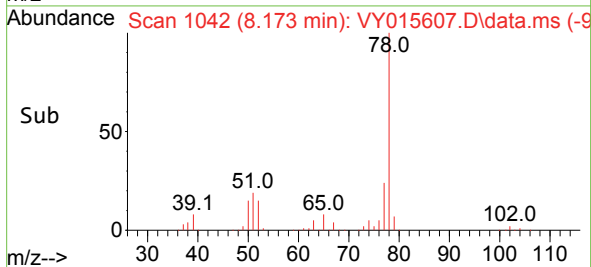
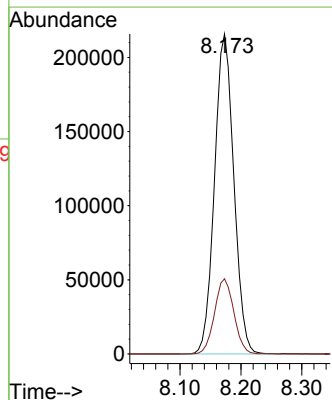
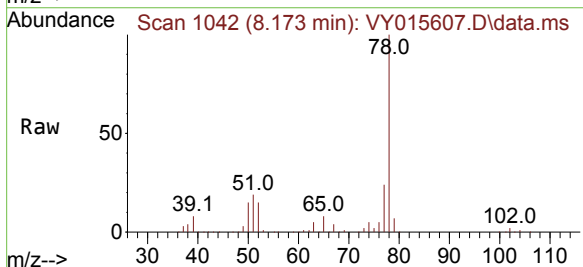
Instrument :
MSVOA_Y
ClientSampleId :

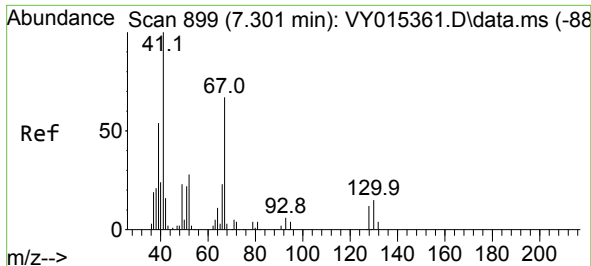
Tgt Ion: 83 Resp: 202332
Ion Ratio Lower Upper
83 100
55 73.1 63.0 94.4
98 50.9 37.4 56.2



#40
Benzene
Concen: 54.130 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.024 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

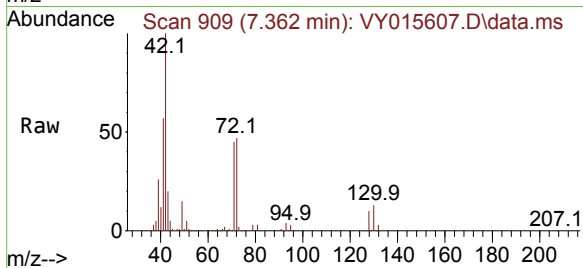
Tgt Ion: 78 Resp: 475304
Ion Ratio Lower Upper
78 100
77 23.5 19.0 28.6



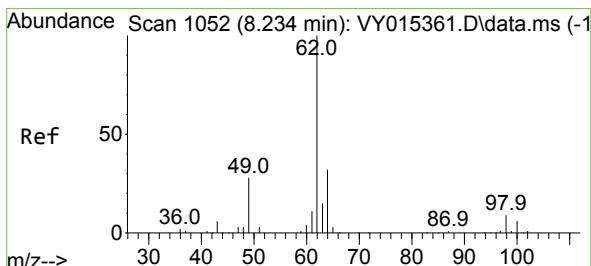
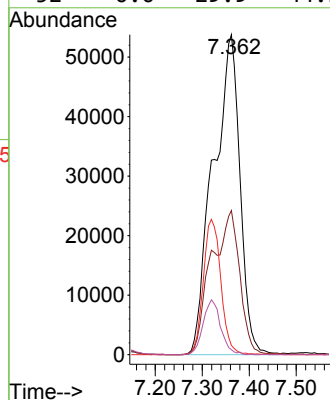
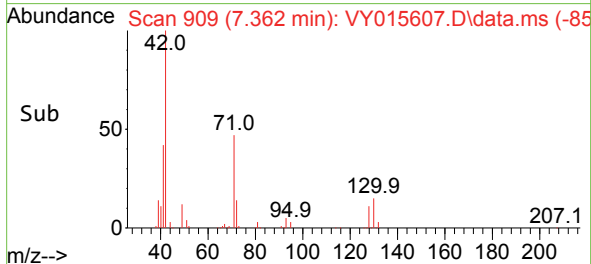


#41
Methacrylonitrile
Concen: 186.545 ug/l
RT: 7.362 min Scan# 901
Delta R.T. 0.049 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

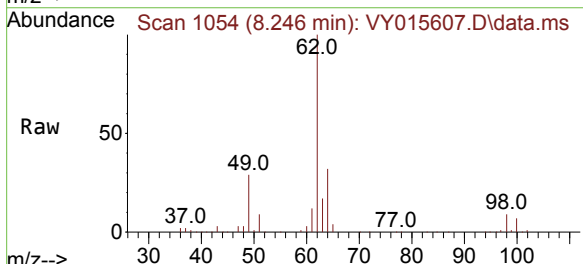
Instrument :
MSVOA_Y
ClientSampleId :



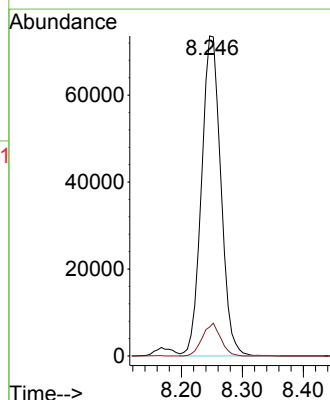
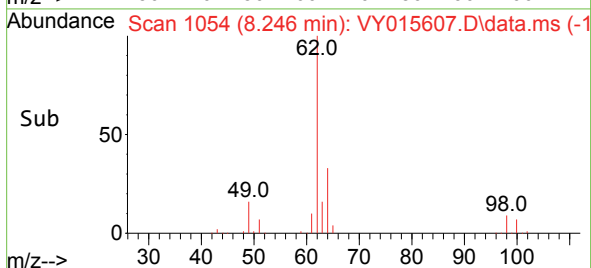
Tgt Ion: 41 Resp: 212337
Ion Ratio Lower Upper
41 100
39 27.8 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

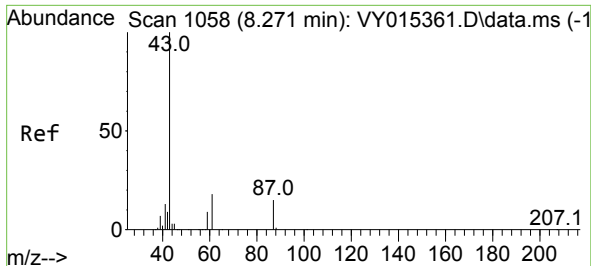


#42
1,2-Dichloroethane
Concen: 55.418 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03



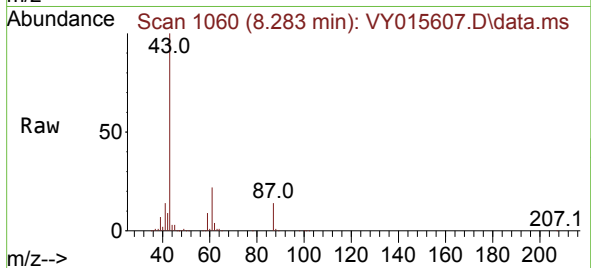
Tgt Ion: 62 Resp: 162265
Ion Ratio Lower Upper
62 100
98 9.7 0.0 15.8



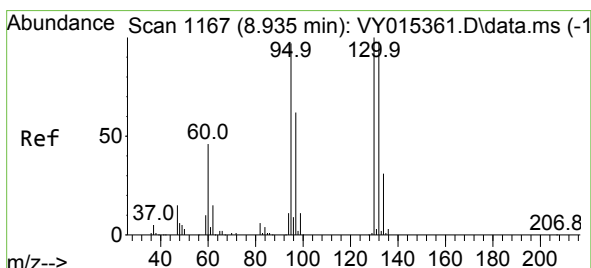
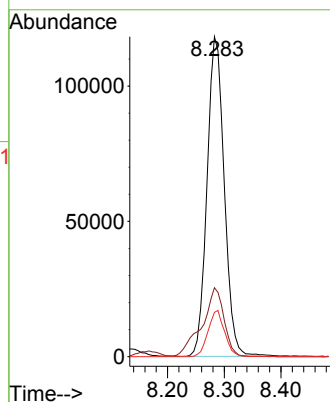
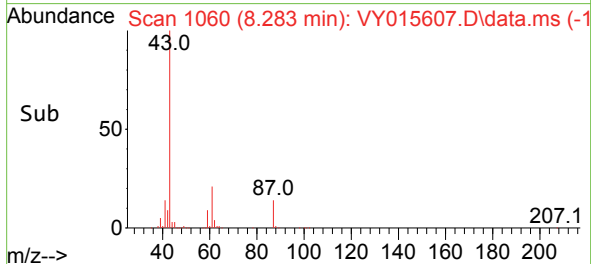


#43
Isopropyl Acetate
Concen: 59.525 ug/l
RT: 8.283 min Scan# 11060
Delta R.T. 0.018 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Instrument :
MSVOA_Y
ClientSampleId :

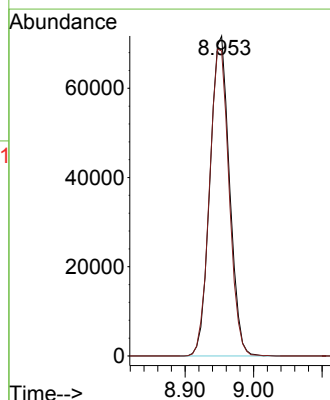
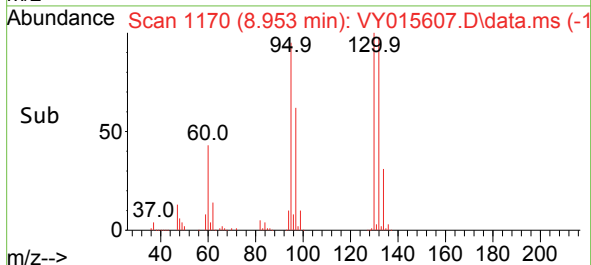
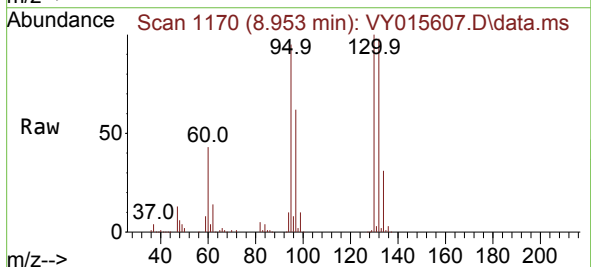


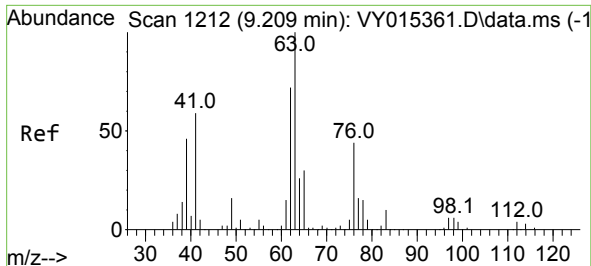
Tgt Ion: 43 Resp: 249847
Ion Ratio Lower Upper
43 100
61 27.7 21.1 31.7
87 13.9 9.8 14.8



#44
Trichloroethene
Concen: 57.112 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.018 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion: 130 Resp: 141889
Ion Ratio Lower Upper
130 100
95 95.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 55.353 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

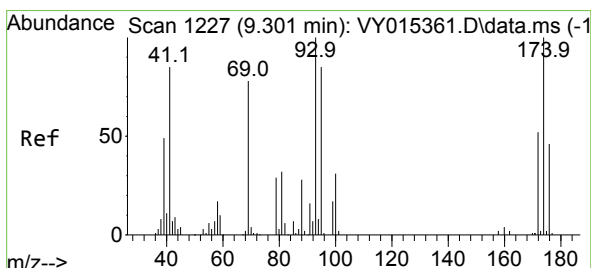
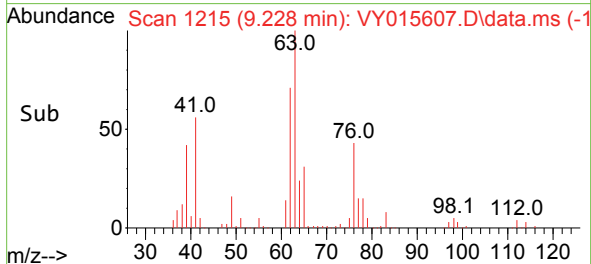
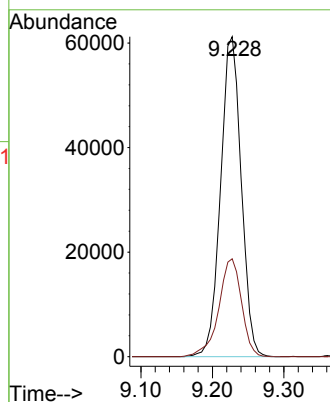
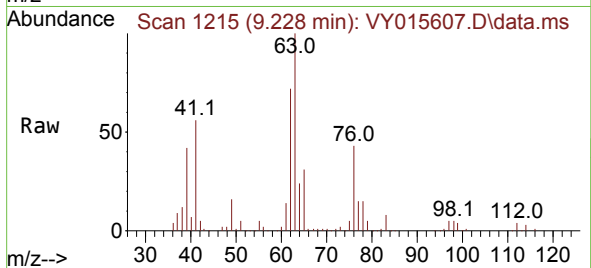
ClientSampleId :

Tgt Ion: 63 Resp: 122527

Ion Ratio Lower Upper

63 100

65 30.6 23.8 35.6



#46

Dibromomethane

Concen: 57.165 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

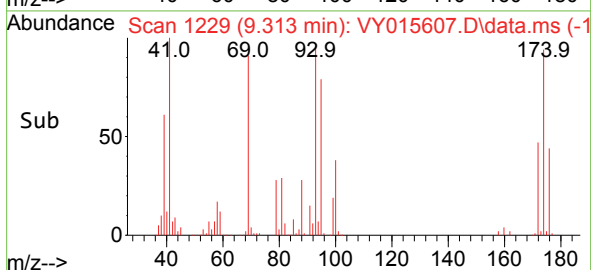
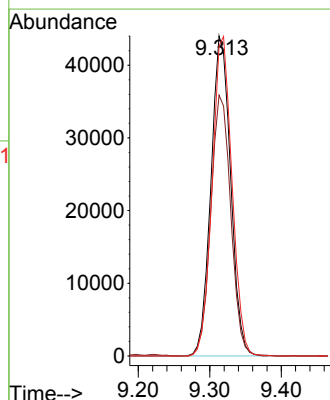
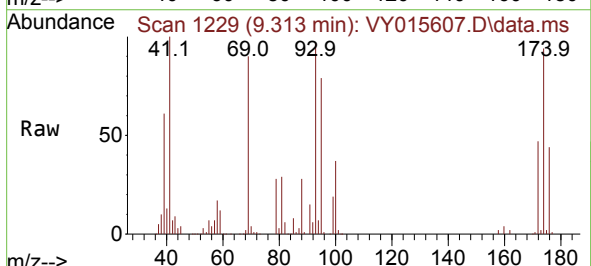
Tgt Ion: 93 Resp: 84053

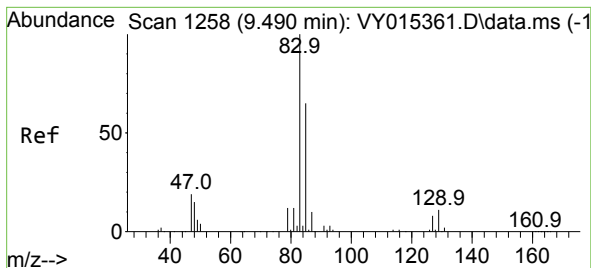
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 100.5 84.8 127.2





#47

Bromodichloromethane

Concen: 56.335 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. 0.018 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :

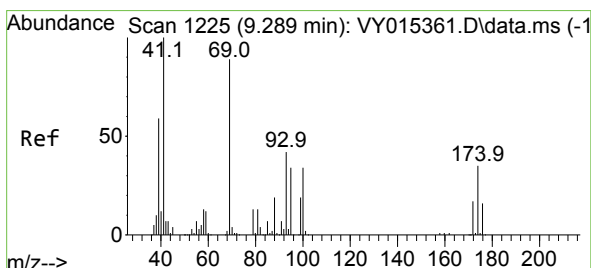
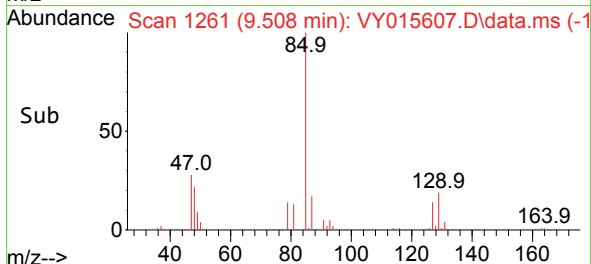
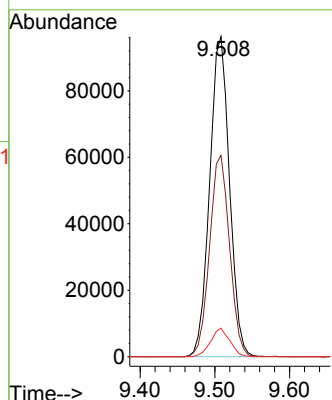
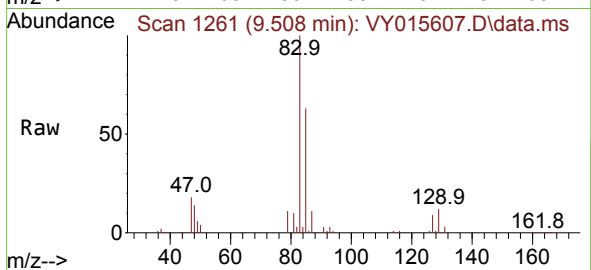
Tgt Ion: 83 Resp: 177140

Ion Ratio Lower Upper

83 100

85 62.9 50.1 75.1

127 8.9 7.1 10.7



#48

Methyl methacrylate

Concen: 61.741 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

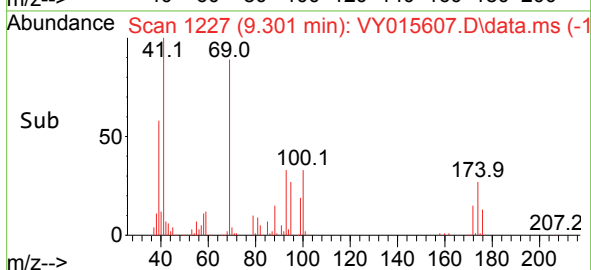
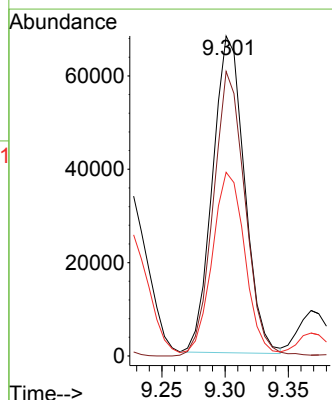
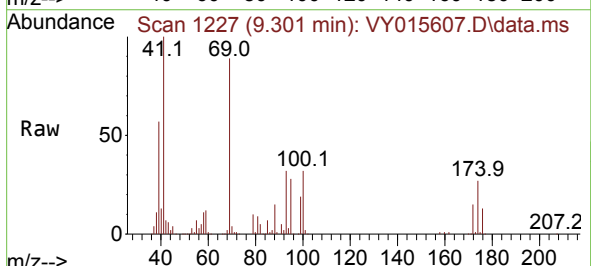
Tgt Ion: 41 Resp: 118902

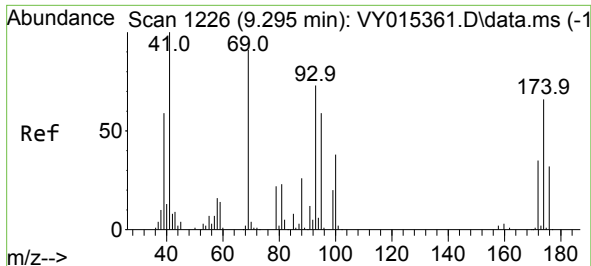
Ion Ratio Lower Upper

41 100

69 89.6 64.5 96.7

39 57.5 50.8 76.2





#49

1,4-Dioxane

Concen: 1165.264 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

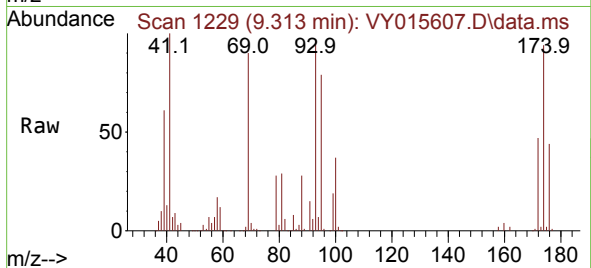
Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :



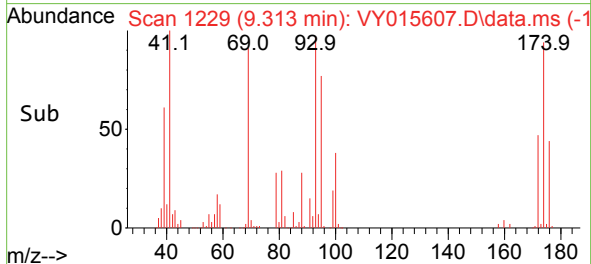
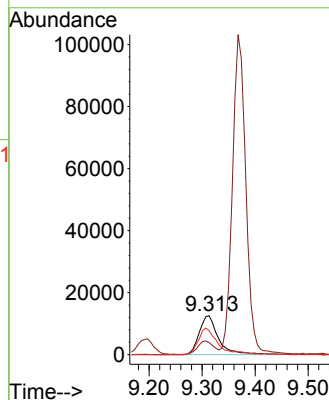
Tgt Ion: 88 Resp: 31825

Ion Ratio Lower Upper

88 100

43 28.4 0.0 0.0#

58 70.3 30.9 46.3#



#50

Toluene-d8

Concen: 42.245 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.012 min

Lab File: VY015607.D

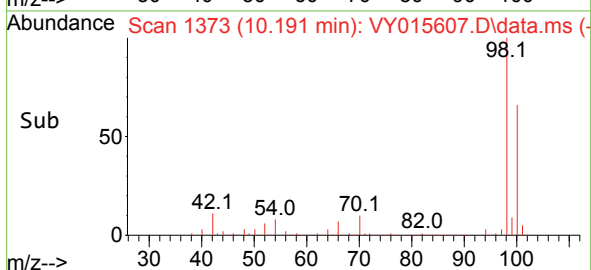
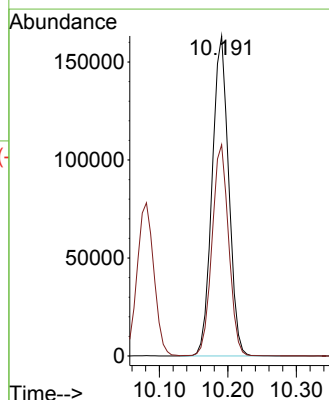
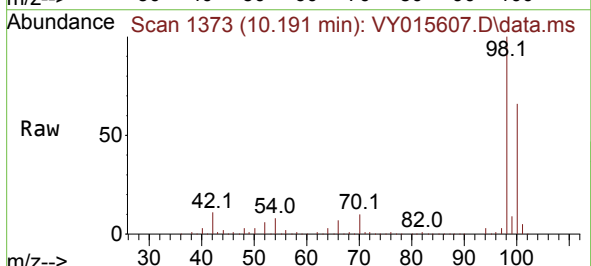
Acq: 16 Sep 2023 07:03

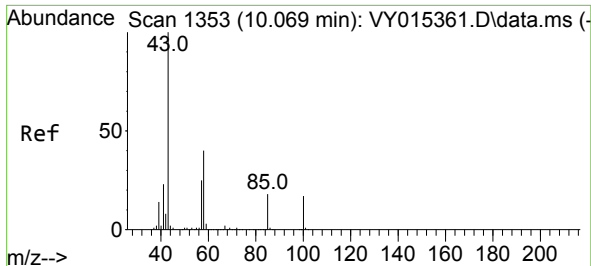
Tgt Ion: 98 Resp: 274209

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 319.537 ug/l

RT: 10.081 min Scan# 1355

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

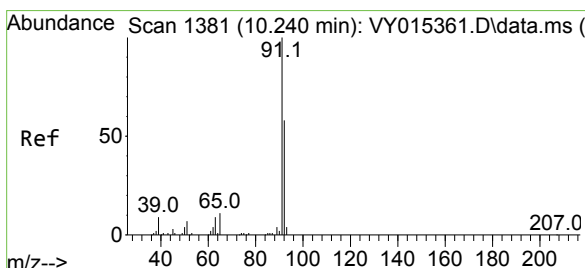
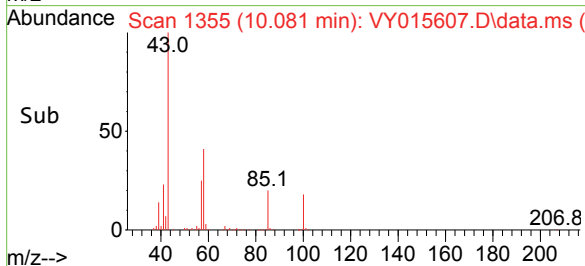
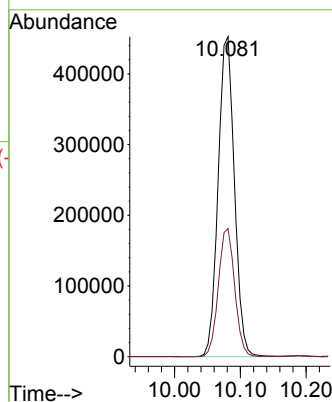
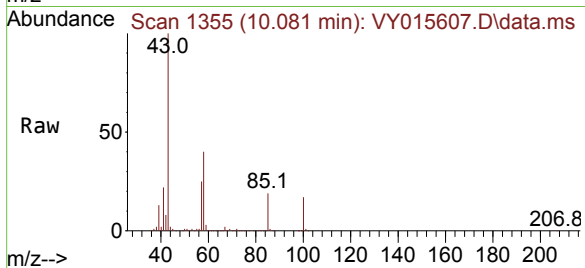
ClientSampleId :

Tgt Ion: 43 Resp: 779544

Ion Ratio Lower Upper

43 100

58 40.3 29.0 43.6



#52

Toluene

Concen: 53.739 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.012 min

Lab File: VY015607.D

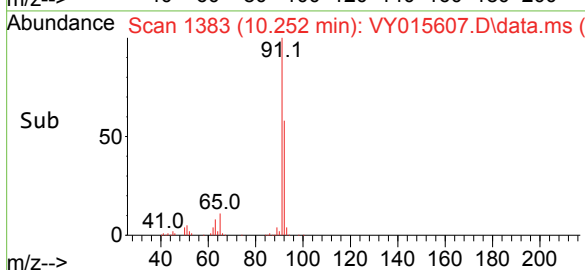
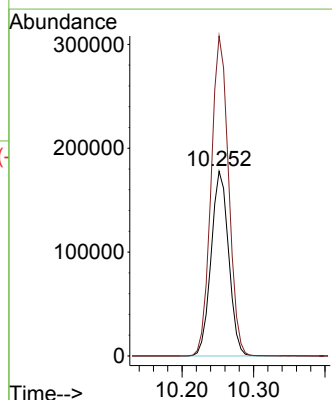
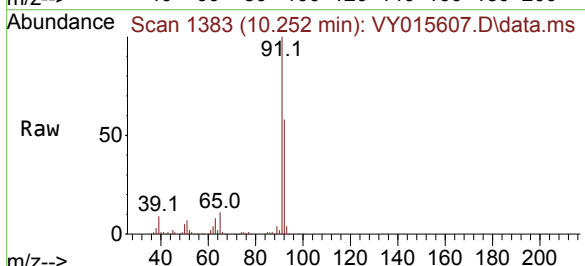
Acq: 16 Sep 2023 07:03

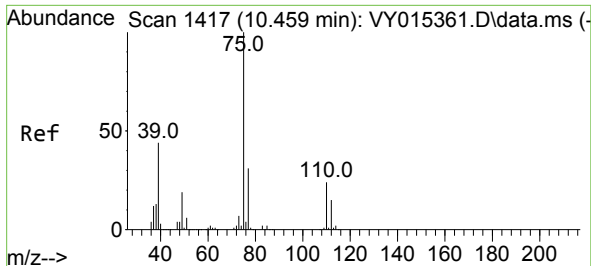
Tgt Ion: 92 Resp: 302441

Ion Ratio Lower Upper

92 100

91 173.0 143.8 215.6

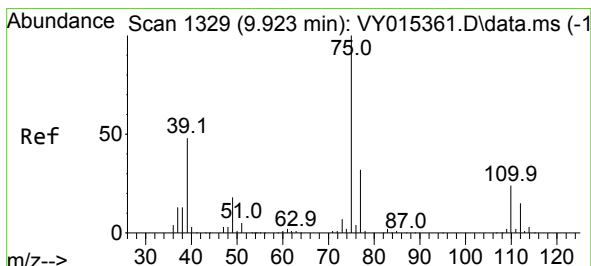
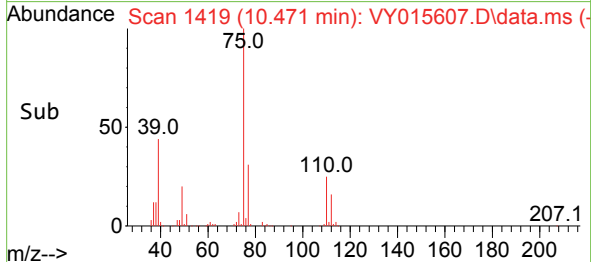
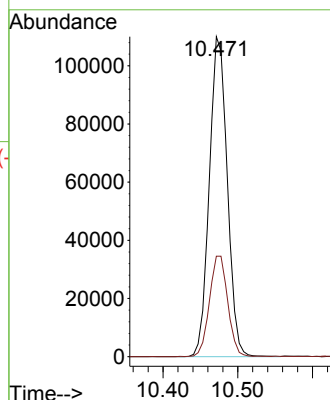
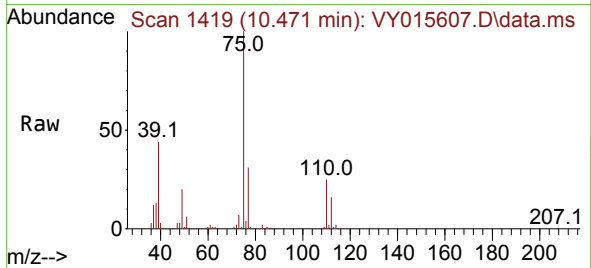




#53
 t-1,3-Dichloropropene
 Concen: 54.899 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015607.D
 Acq: 16 Sep 2023 07:03

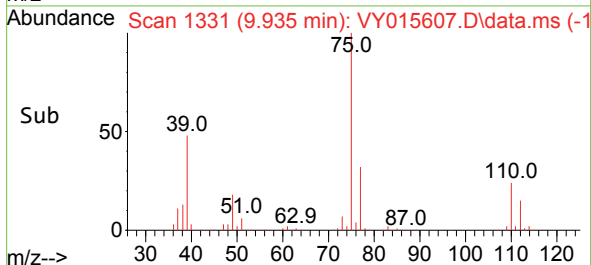
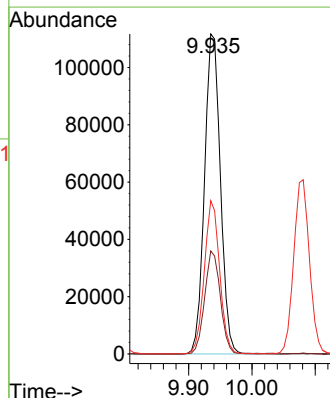
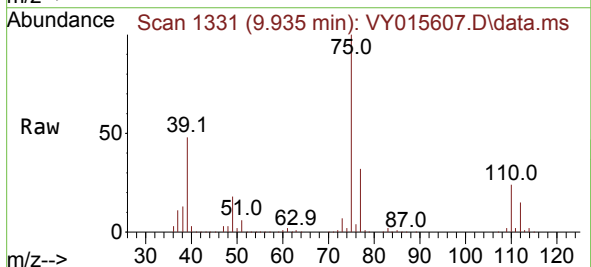
Instrument :
 MSVOA_Y
 ClientSampleId :

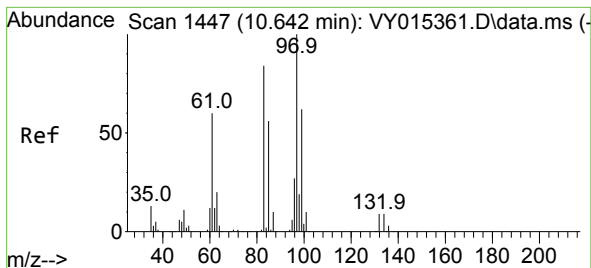
Tgt Ion: 75 Resp: 183457
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.891 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015607.D
 Acq: 16 Sep 2023 07:03

Tgt Ion: 75 Resp: 195904
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.4
 39 47.9 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 57.980 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 114870

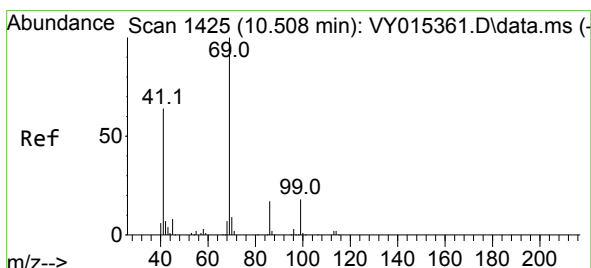
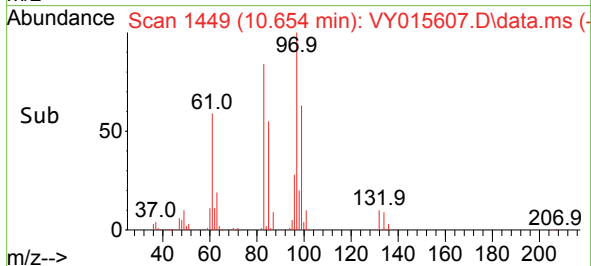
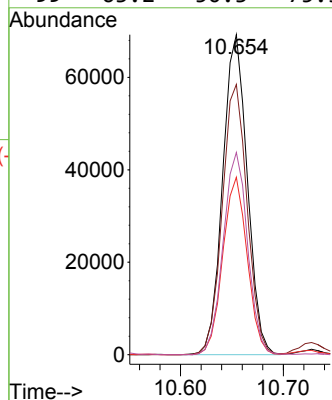
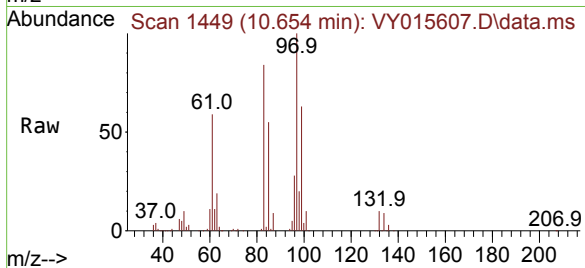
Ion Ratio Lower Upper

97 100

83 84.5 72.0 108.0

85 55.5 45.4 68.0

99 63.2 50.3 75.5



#56

Ethyl methacrylate

Concen: 53.877 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

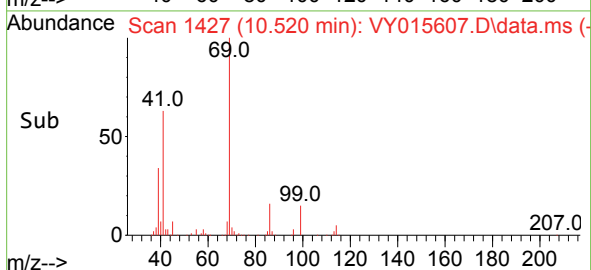
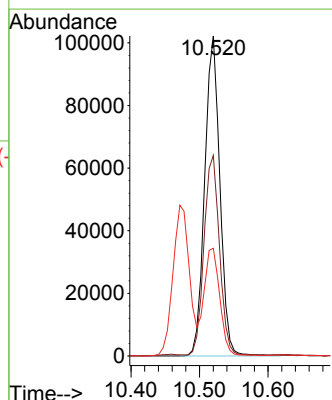
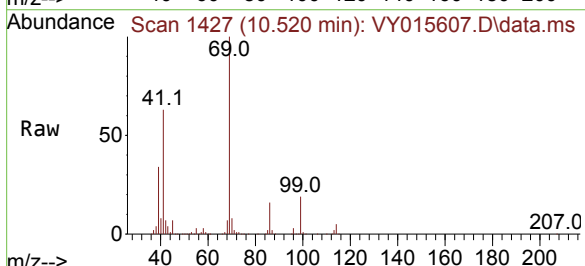
Tgt Ion: 69 Resp: 158177

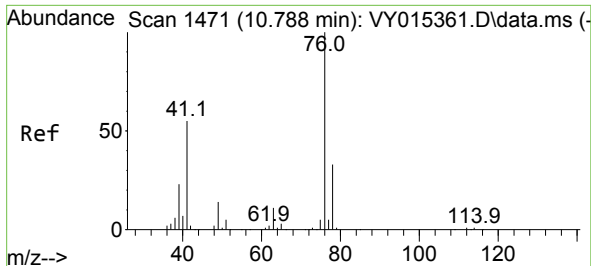
Ion Ratio Lower Upper

69 100

41 63.2 57.6 86.4

39 34.9 34.1 51.1





#57

1,3-Dichloropropane

Concen: 57.652 ug/l

RT: 10.801 min Scan# 1471

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

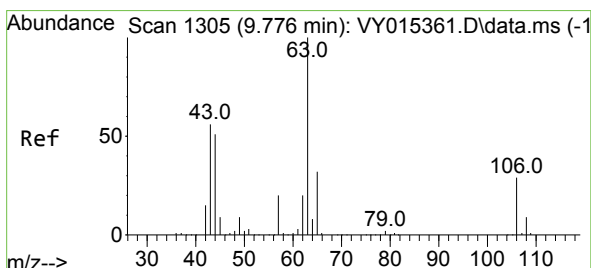
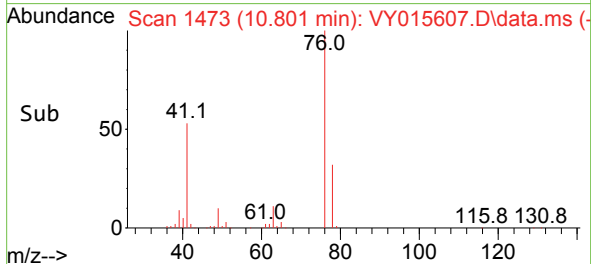
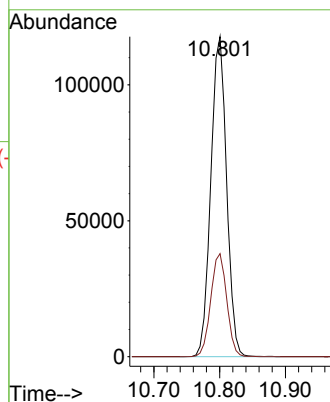
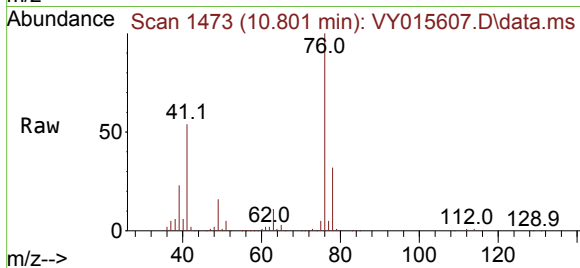
ClientSampleId :

Tgt Ion: 76 Resp: 196615

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 248.621 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.012 min

Lab File: VY015607.D

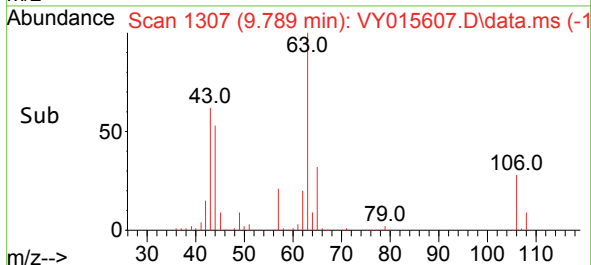
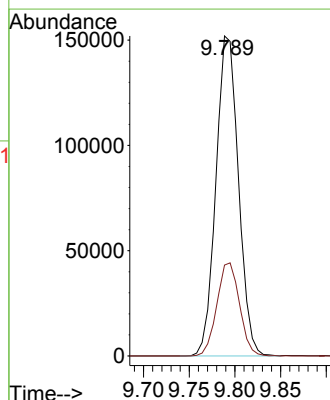
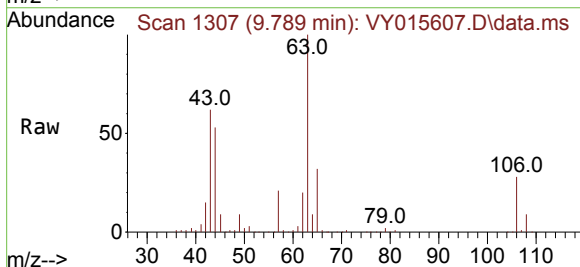
Acq: 16 Sep 2023 07:03

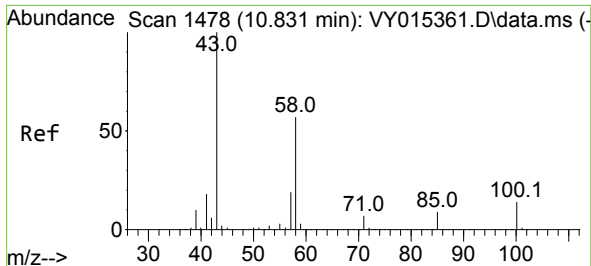
Tgt Ion: 63 Resp: 260537

Ion Ratio Lower Upper

63 100

106 29.3 21.2 31.8

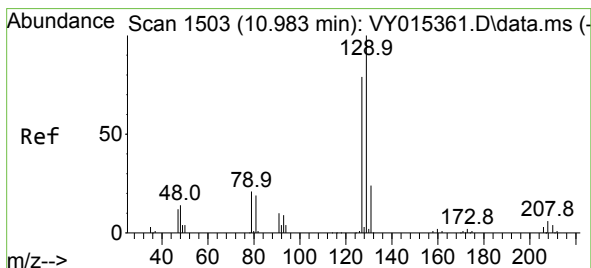
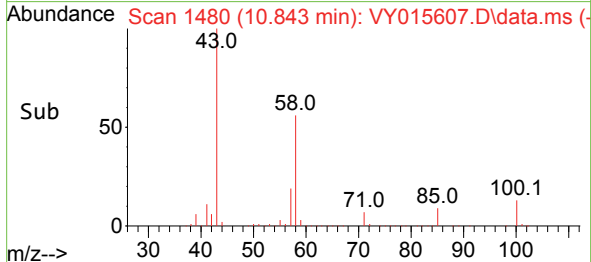
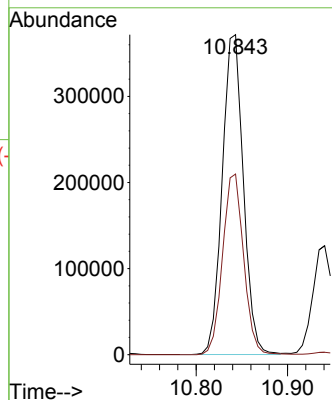
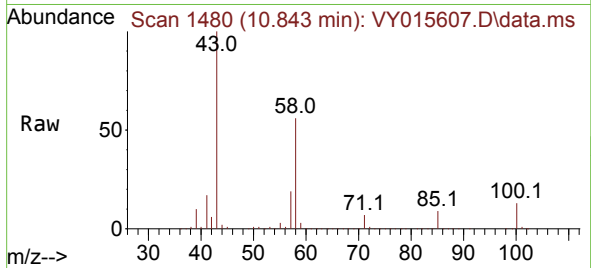




#59
2-Hexanone
Concen: 326.723 ug/l
RT: 10.843 min Scan# 1478
Delta R.T. 0.012 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

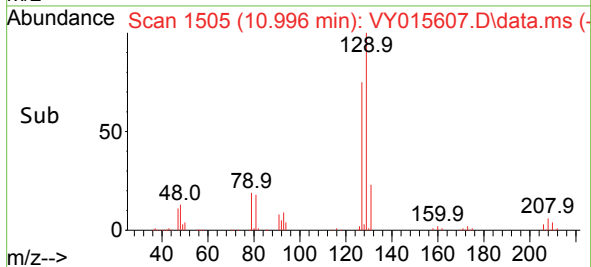
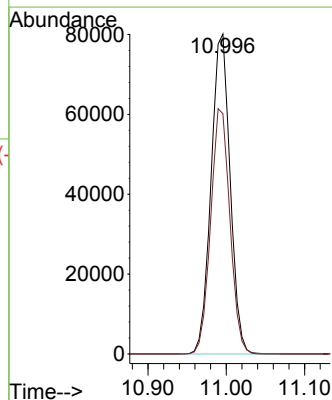
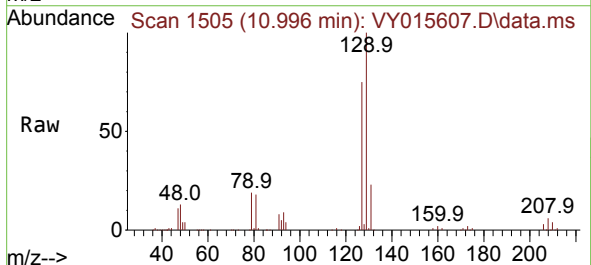
Instrument :
MSVOA_Y
ClientSampleId :

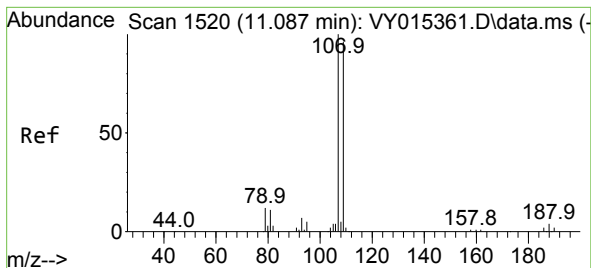
Tgt Ion: 43 Resp: 598084
Ion Ratio Lower Upper
43 100
58 56.2 25.1 75.3



#60
Dibromochloromethane
Concen: 58.324 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.012 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion:129 Resp: 135247
Ion Ratio Lower Upper
129 100
127 77.3 38.5 115.5

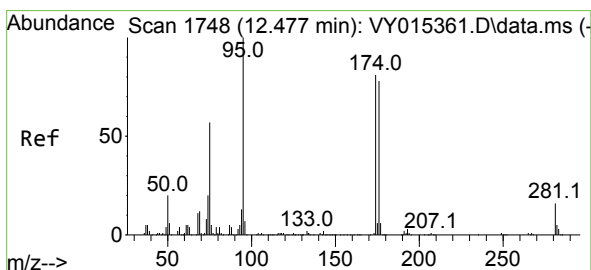
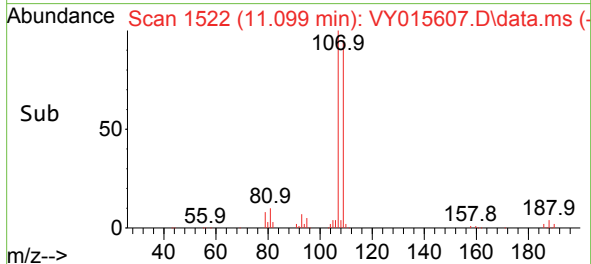
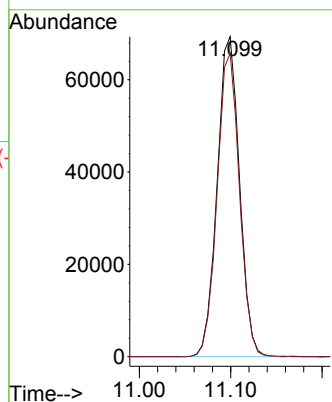
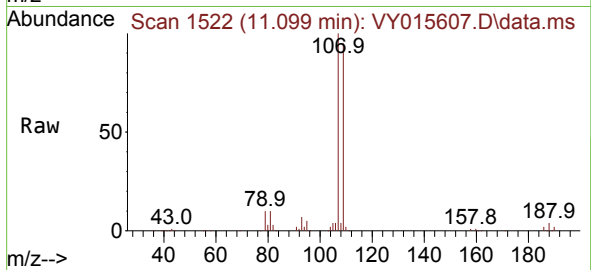




#61
1,2-Dibromoethane
Concen: 58.568 ug/l
RT: 11.099 min Scan# 117575
Delta R.T. 0.012 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

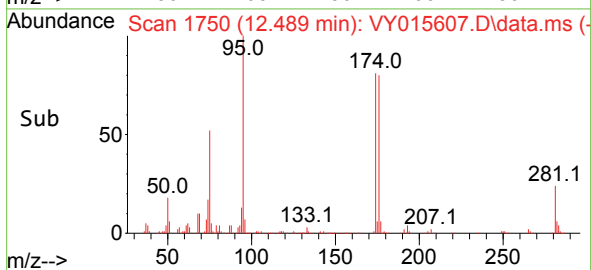
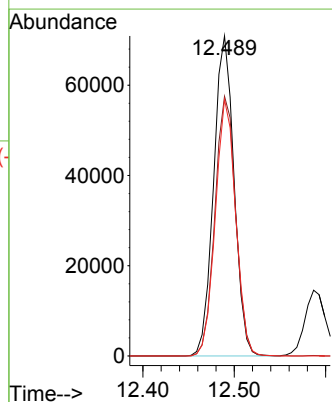
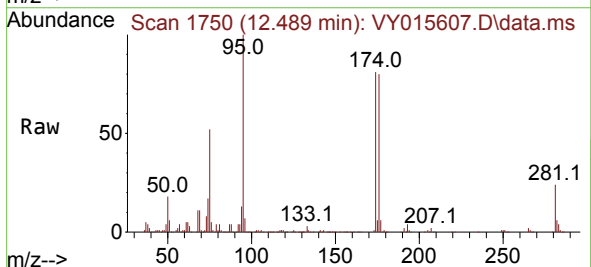
Instrument :
MSVOA_Y
ClientSampleId :

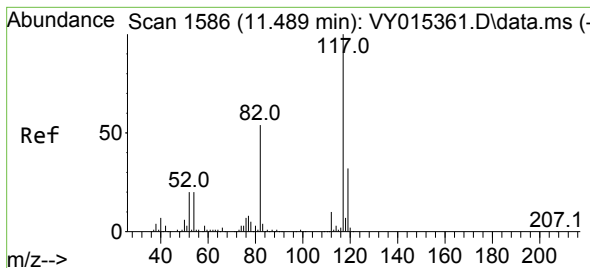
Tgt Ion:107 Resp: 117575
Ion Ratio Lower Upper
107 100
109 94.8 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 45.641 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.012 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion: 95 Resp: 109980
Ion Ratio Lower Upper
95 100
174 82.5 0.0 178.2
176 79.8 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :

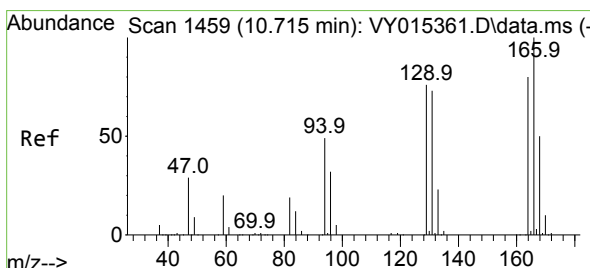
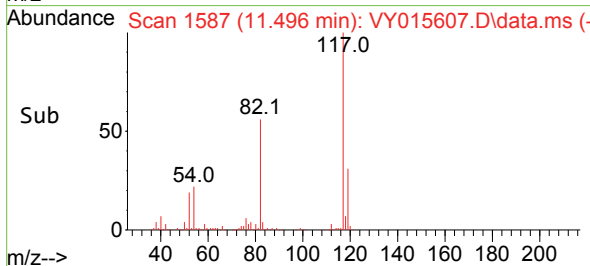
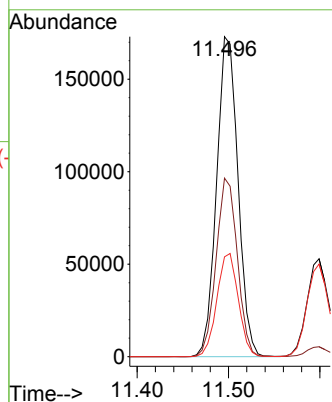
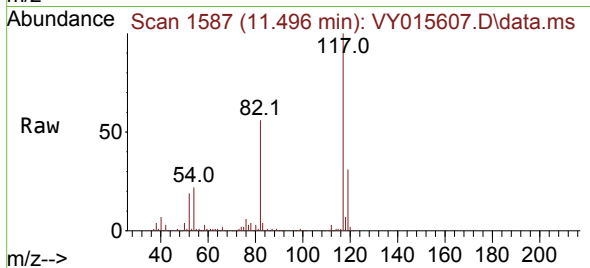
Tgt Ion:117 Resp: 281518

Ion Ratio Lower Upper

117 100

82 55.8 43.4 65.0

119 31.2 26.3 39.5



#64

Tetrachloroethene

Concen: 71.925 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Tgt Ion:164 Resp: 183785

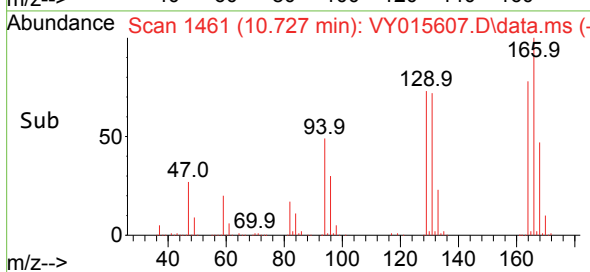
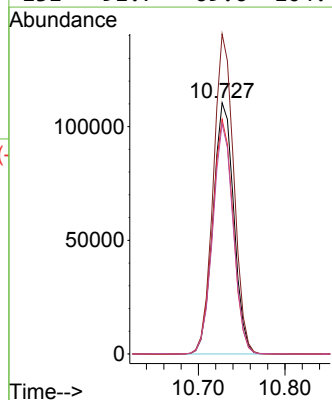
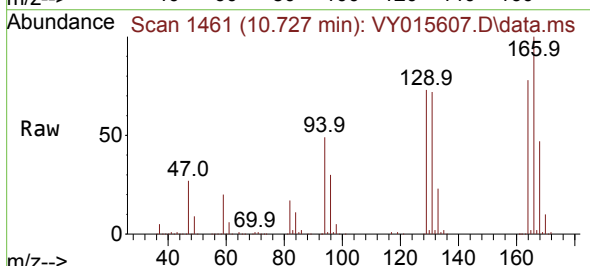
Ion Ratio Lower Upper

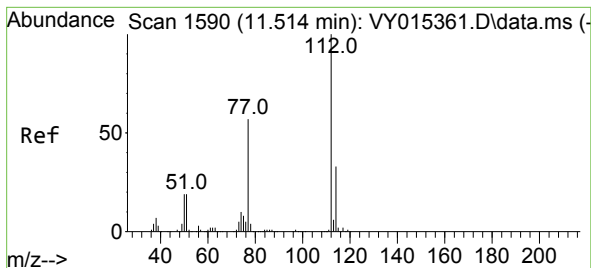
164 100

166 127.4 103.0 154.6

129 93.4 77.2 115.8

131 91.7 69.6 104.4





#65

Chlorobenzene

Concen: 53.632 ug/l

RT: 11.526 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

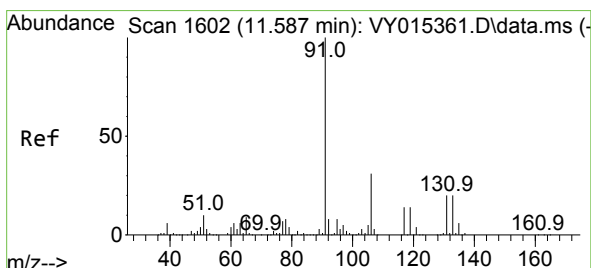
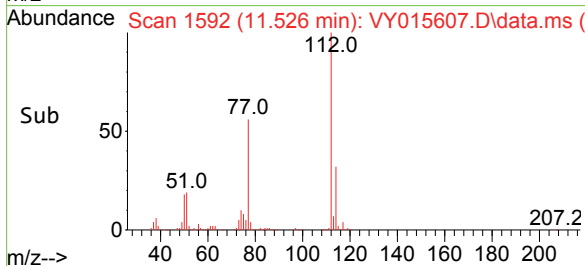
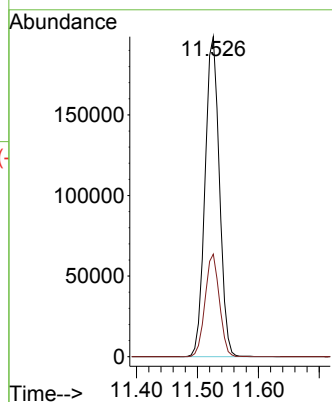
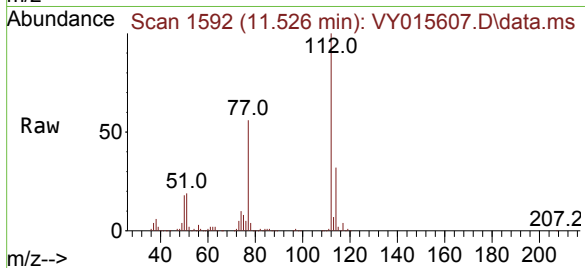
ClientSampleId :

Tgt Ion:112 Resp: 325348

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 57.196 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

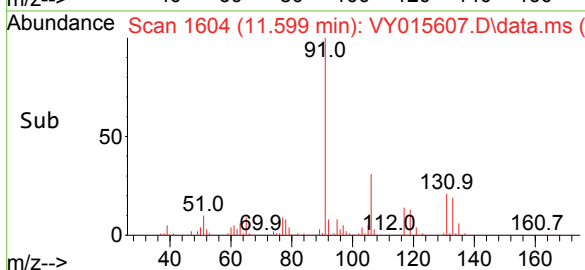
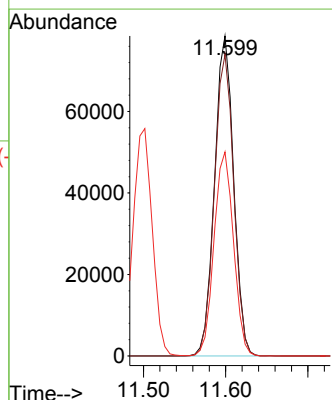
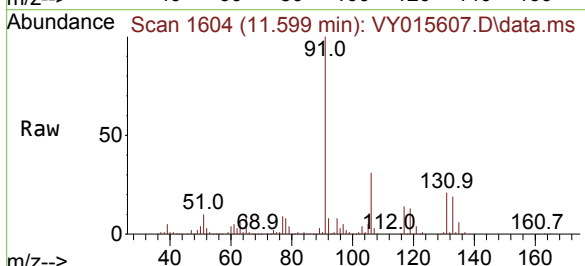
Tgt Ion:131 Resp: 126998

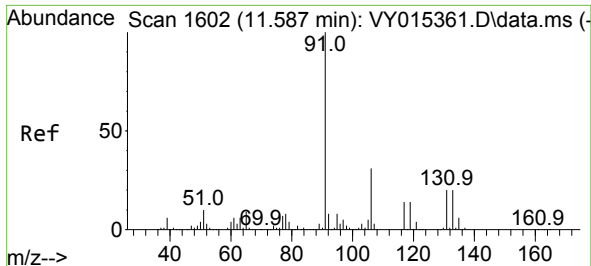
Ion Ratio Lower Upper

131 100

133 95.1 47.5 142.6

119 65.0 31.6 94.7





#67

Ethyl Benzene

Concen: 53.883 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

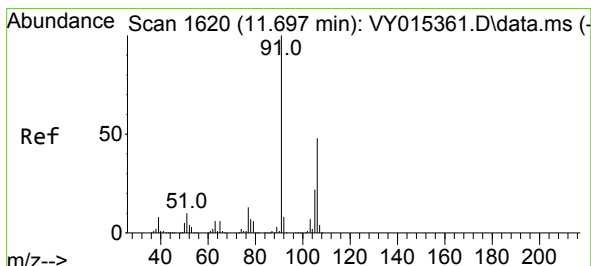
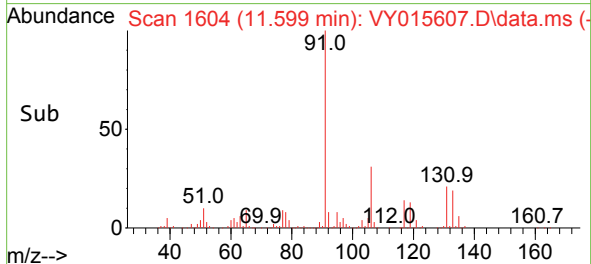
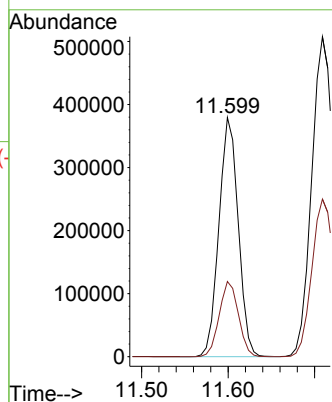
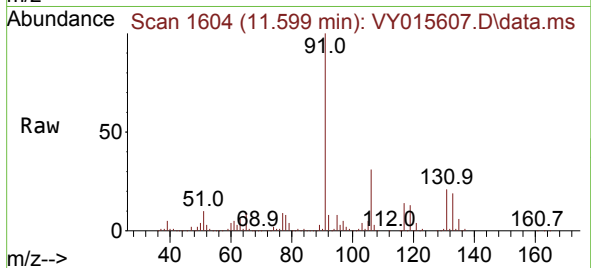
ClientSampleId :

Tgt Ion: 91 Resp: 586947

Ion Ratio Lower Upper

91 100

106 31.4 24.6 36.8



#68

m/p-Xylenes

Concen: 107.186 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015607.D

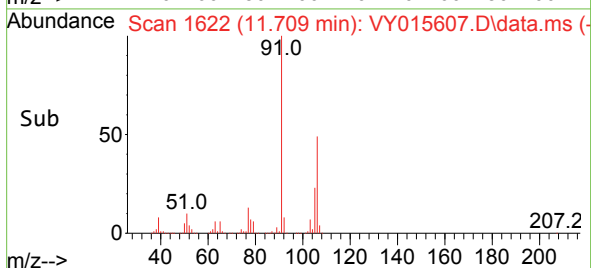
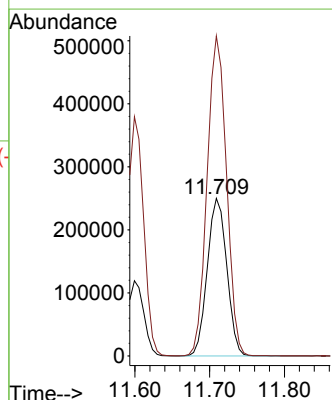
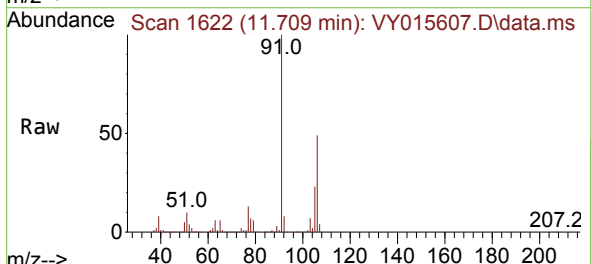
Acq: 16 Sep 2023 07:03

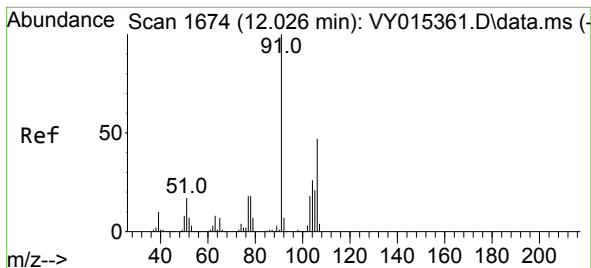
Tgt Ion:106 Resp: 452572

Ion Ratio Lower Upper

106 100

91 201.5 166.1 249.1





#69

o-Xylene

Concen: 54.853 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

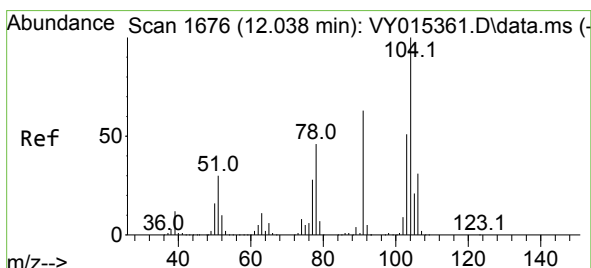
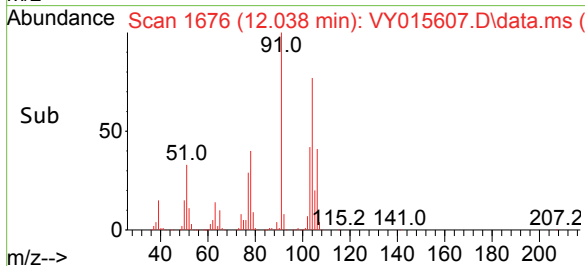
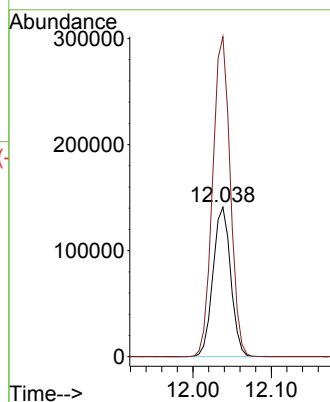
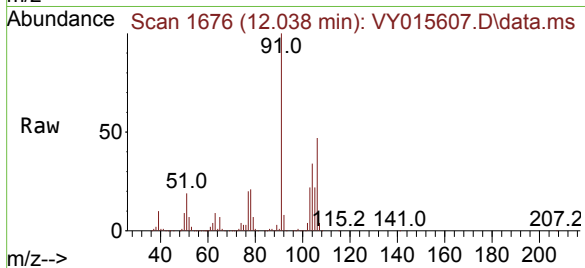
ClientSampleId :

Tgt Ion:106 Resp: 221343

Ion Ratio Lower Upper

106 100

91 213.0 108.1 324.3



#70

Styrene

Concen: 55.153 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

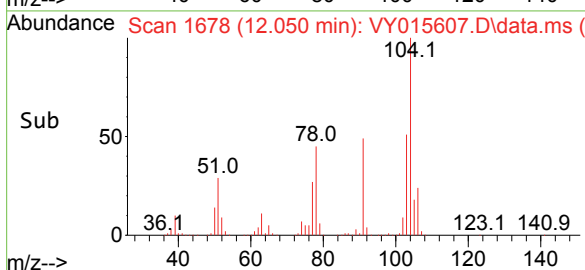
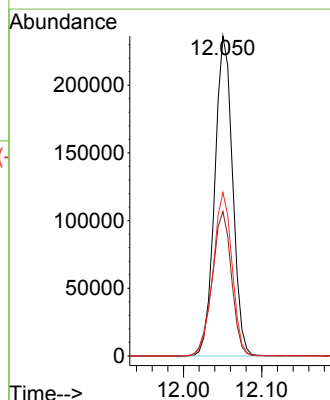
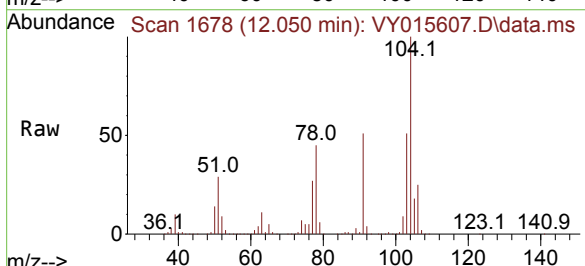
Tgt Ion:104 Resp: 374207

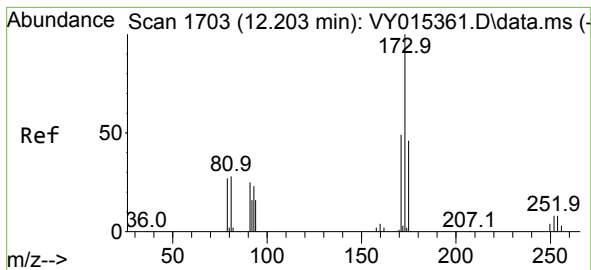
Ion Ratio Lower Upper

104 100

78 48.9 41.5 62.3

103 54.5 44.6 67.0





#71

Bromoform

Concen: 62.274 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015607.D

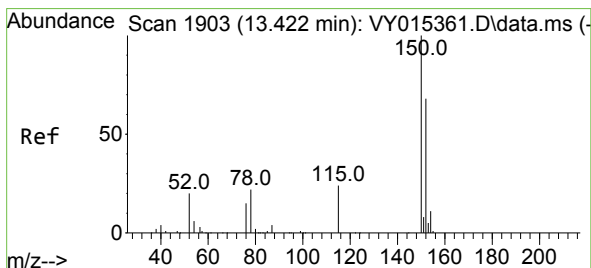
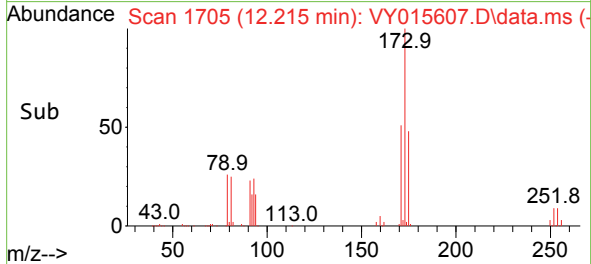
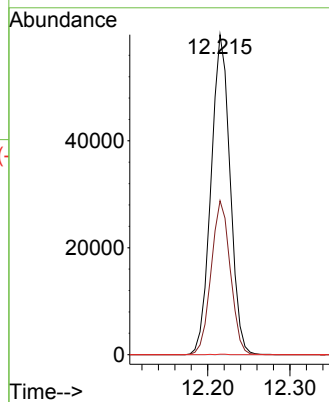
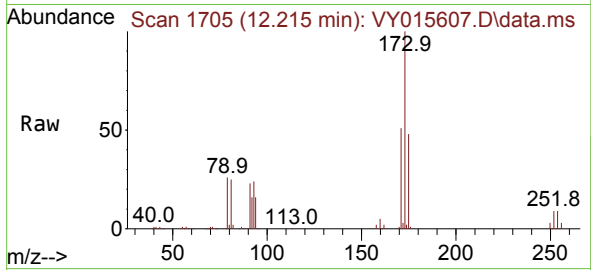
Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	96455
Ion Ratio	Lower	Upper
173	100	
175	48.4	24.6 73.8
254	0.1	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

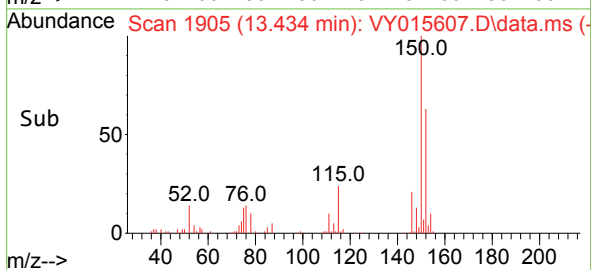
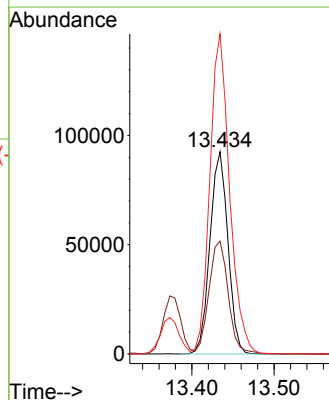
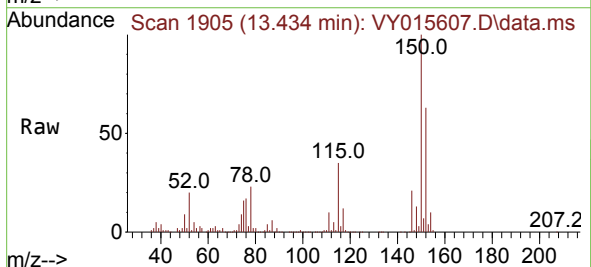
RT: 13.434 min Scan# 1905

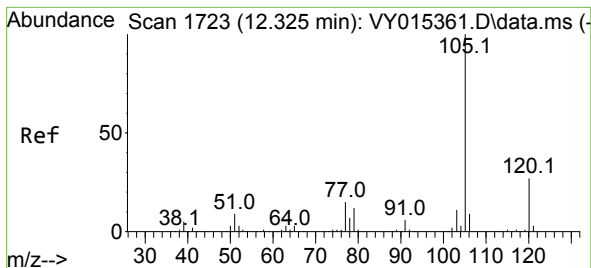
Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Tgt Ion:152	Resp:	140511
Ion Ratio	Lower	Upper
152	100	
115	59.4	28.8 86.5
150	174.3	0.0 348.8





#73

Isopropylbenzene

Concen: 54.532 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

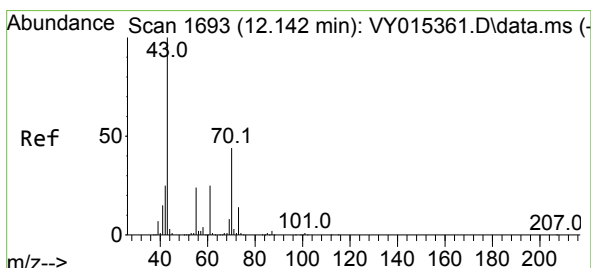
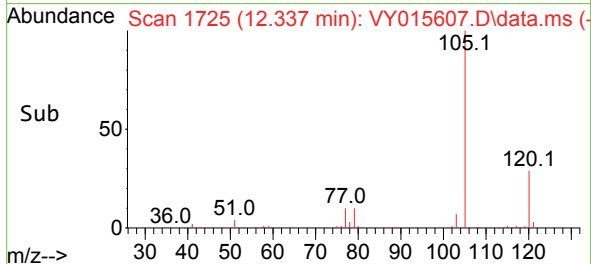
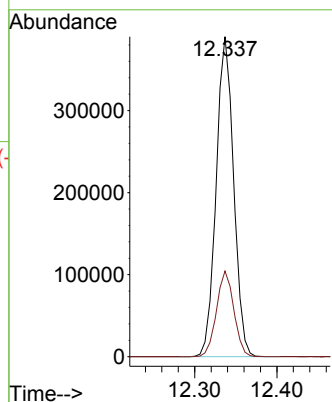
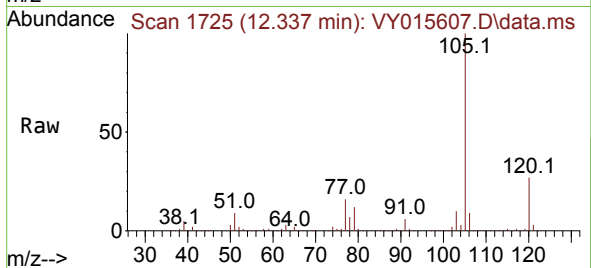
ClientSampleId :

Tgt Ion:105 Resp: 575539

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 48.645 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Tgt Ion: 43 Resp: 172486

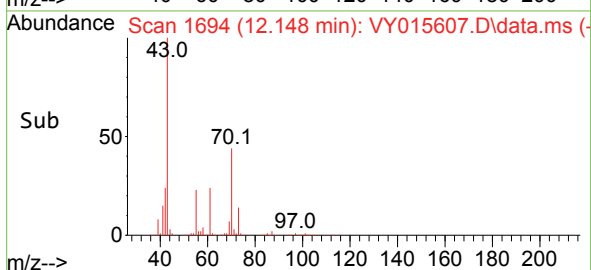
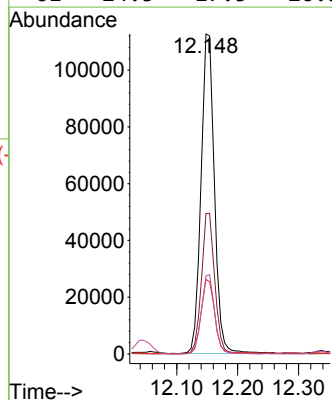
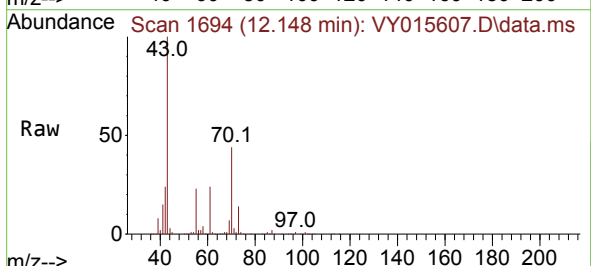
Ion Ratio Lower Upper

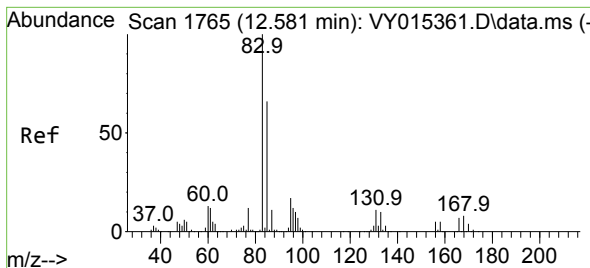
43 100

70 43.7 29.7 44.5

55 23.8 18.3 27.5

61 24.5 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 55.325 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :

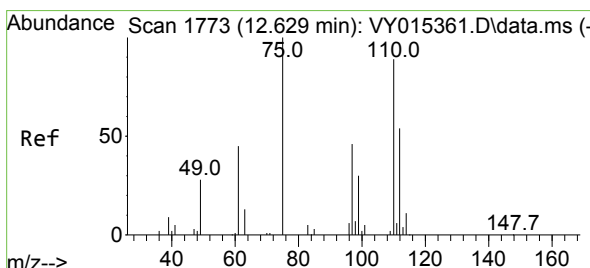
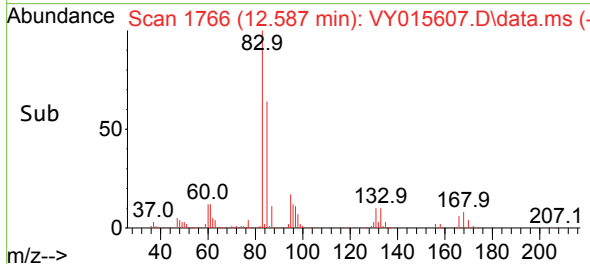
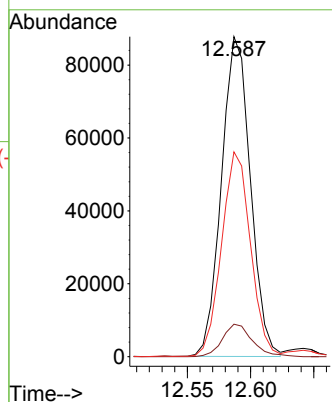
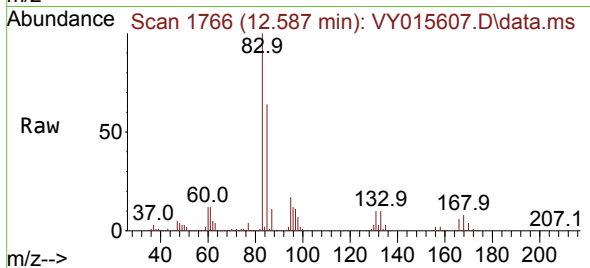
Tgt Ion: 83 Resp: 139392

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 63.7 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 108.996 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. 0.012 min

Lab File: VY015607.D

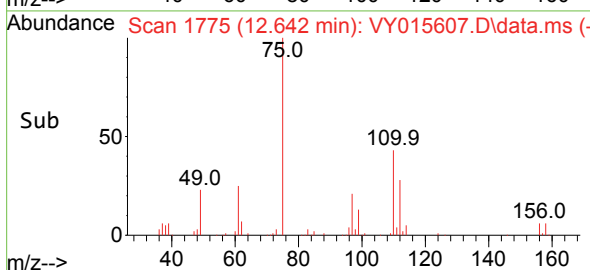
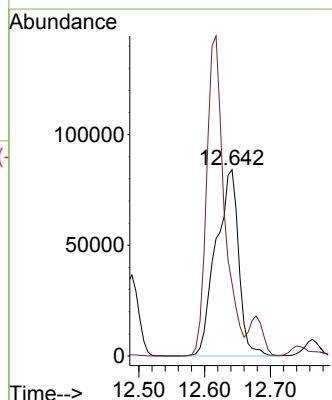
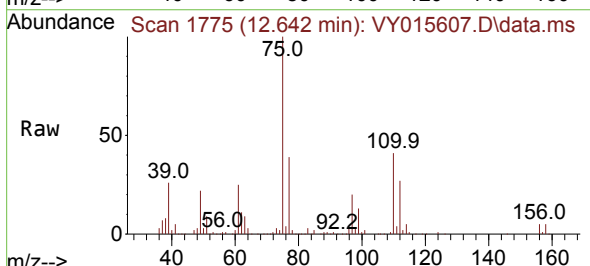
Acq: 16 Sep 2023 07:03

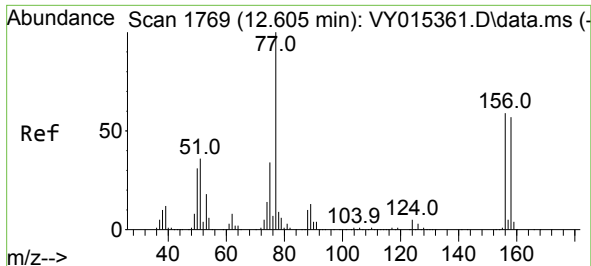
Tgt Ion: 75 Resp: 203095

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

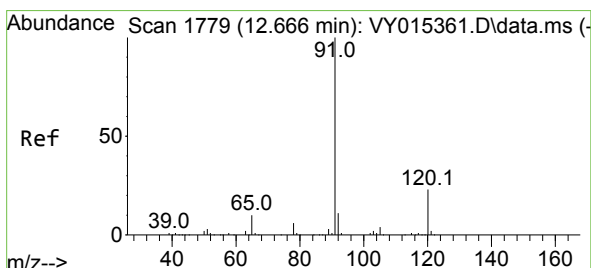
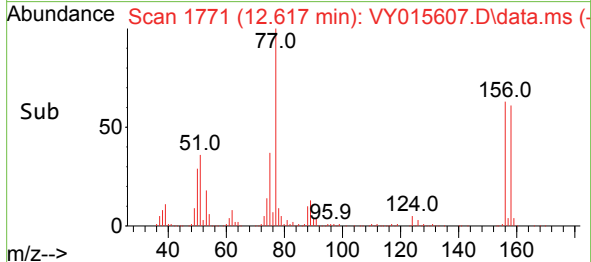
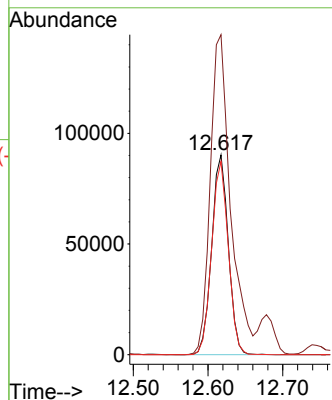
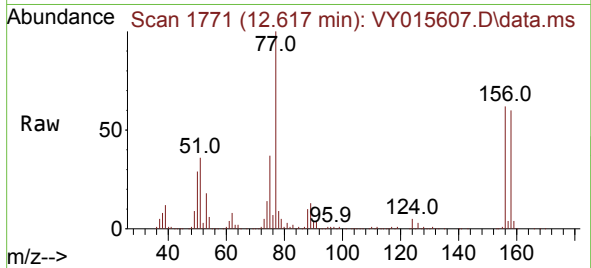




#77
Bromobenzene
Concen: 55.794 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. 0.012 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

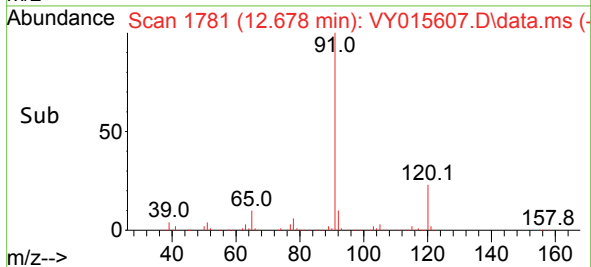
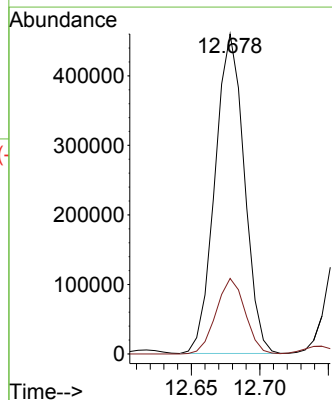
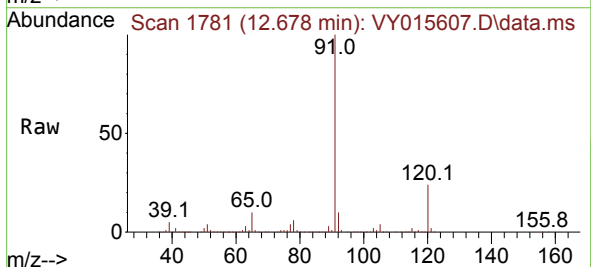
Instrument :
MSVOA_Y
ClientSampleId :

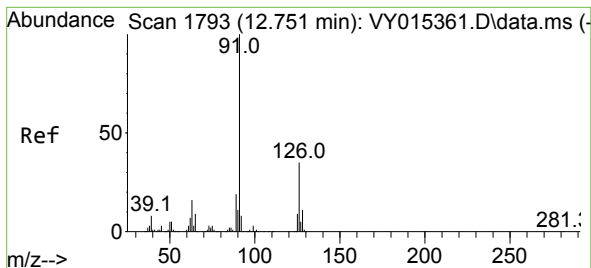
Tgt Ion:156 Resp: 139470
Ion Ratio Lower Upper
156 100
77 195.3 92.8 278.6
158 96.9 48.4 145.3



#78
n-propylbenzene
Concen: 53.587 ug/l
RT: 12.678 min Scan# 1781
Delta R.T. 0.012 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion: 91 Resp: 684358
Ion Ratio Lower Upper
91 100
120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 55.313 ug/l

RT: 12.764 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

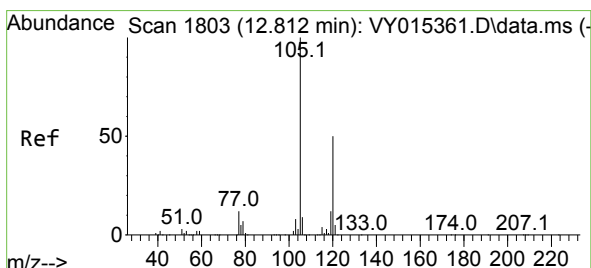
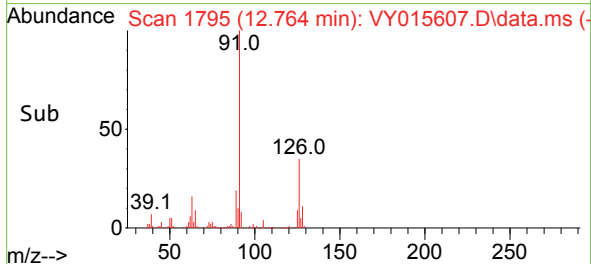
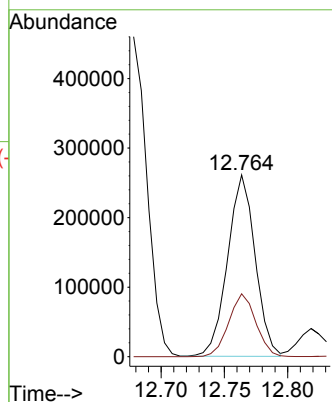
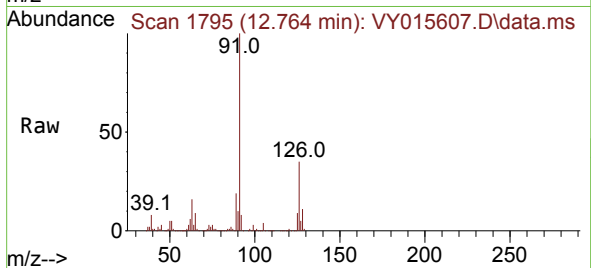
ClientSampleId :

Tgt Ion: 91 Resp: 396208

Ion Ratio Lower Upper

91 100

126 34.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 59.044 ug/l

RT: 12.818 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY015607.D

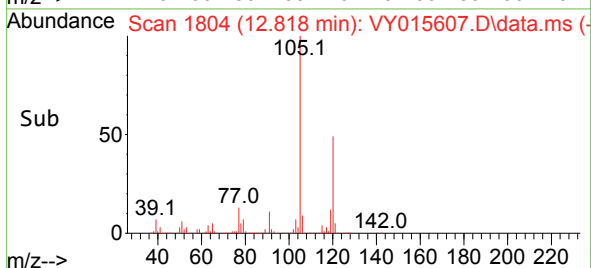
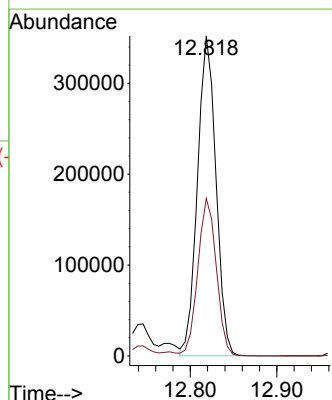
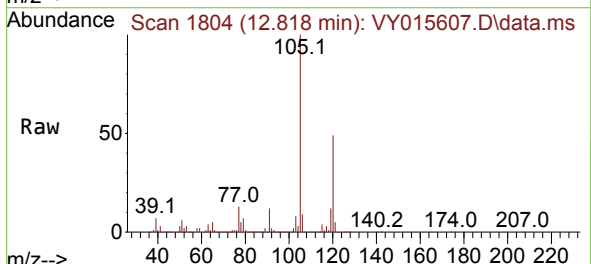
Acq: 16 Sep 2023 07:03

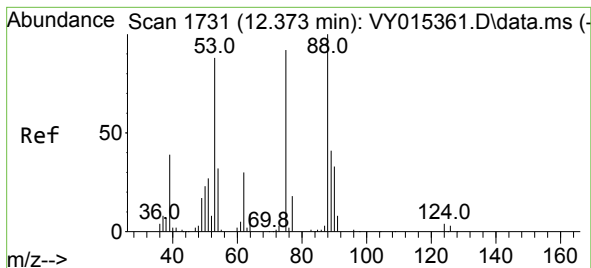
Tgt Ion:105 Resp: 521237

Ion Ratio Lower Upper

105 100

120 49.3 23.9 71.7

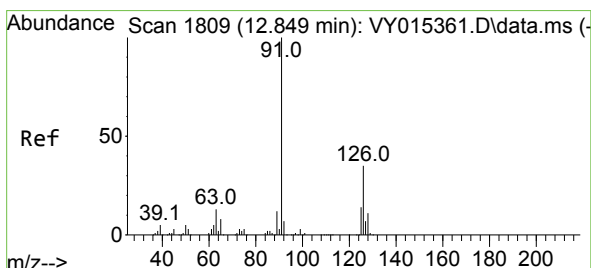
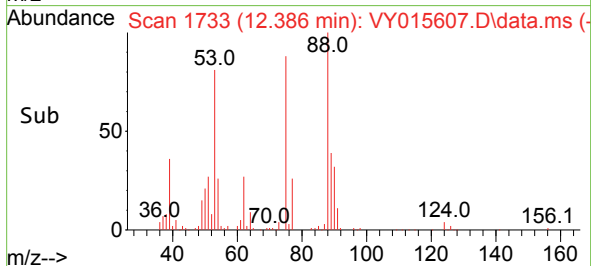
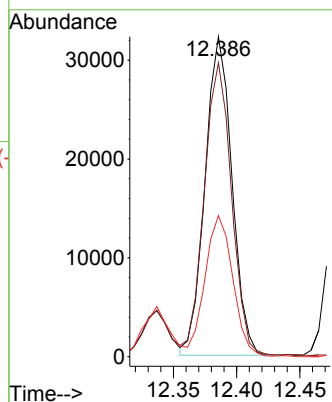
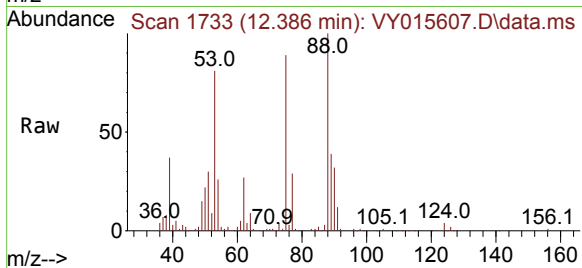




#81
trans-1,4-Dichloro-2-butene
Concen: 56.492 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

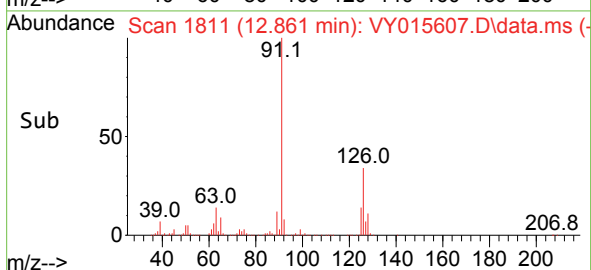
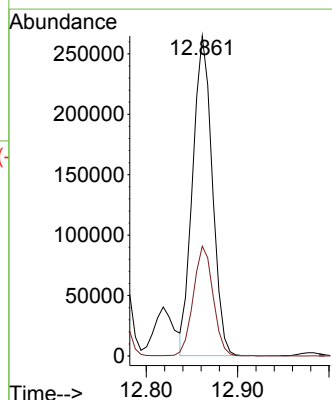
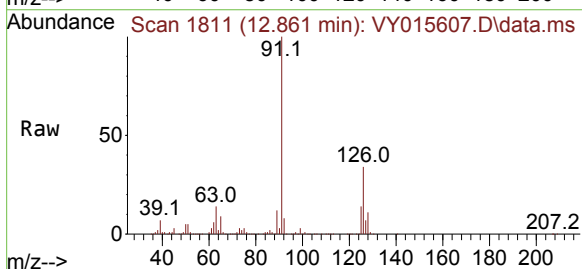
Instrument :
MSVOA_Y
ClientSampleId :

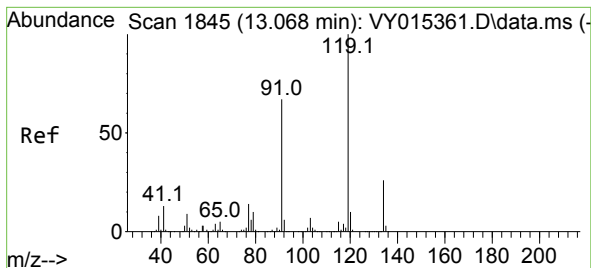
Tgt Ion: 75 Resp: 47719
Ion Ratio Lower Upper
75 100
53 93.4 77.8 116.8
89 45.7 37.4 56.0



#82
4-Chlorotoluene
Concen: 52.876 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

Tgt Ion: 91 Resp: 393633
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 55.116 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :

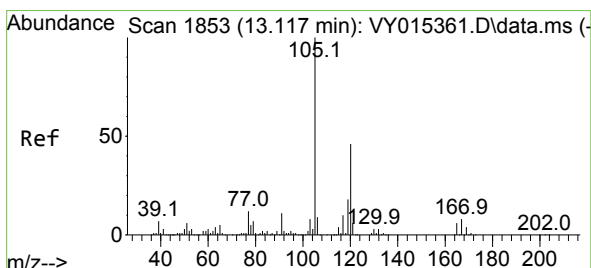
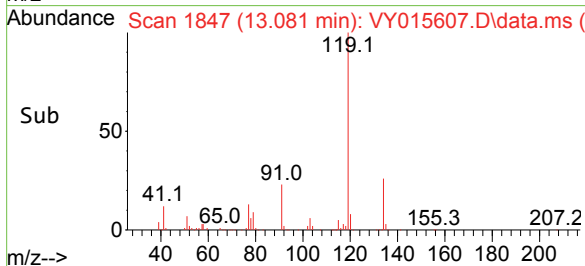
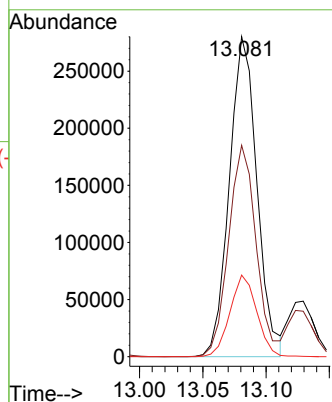
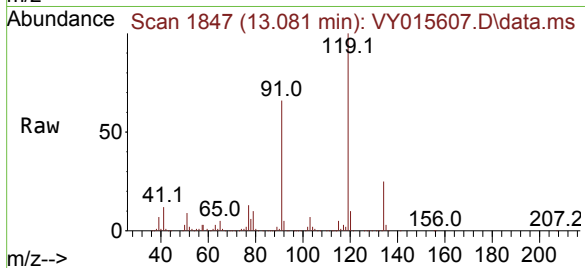
Tgt Ion:119 Resp: 426162

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 24.8 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 67.170 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.012 min

Lab File: VY015607.D

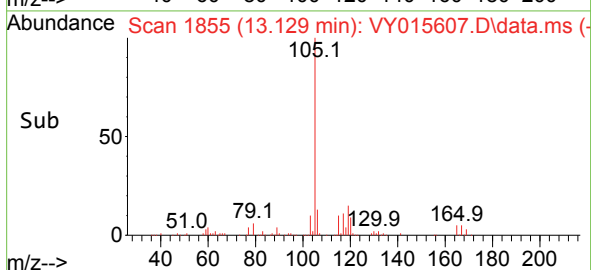
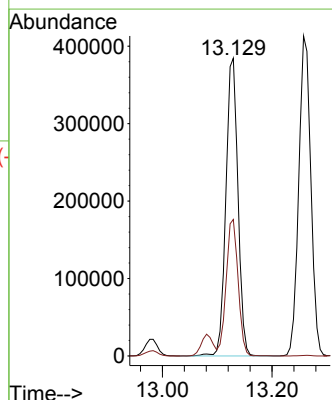
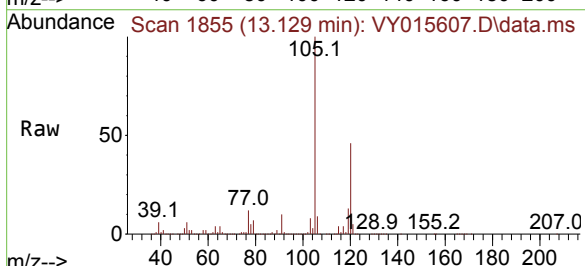
Acq: 16 Sep 2023 07:03

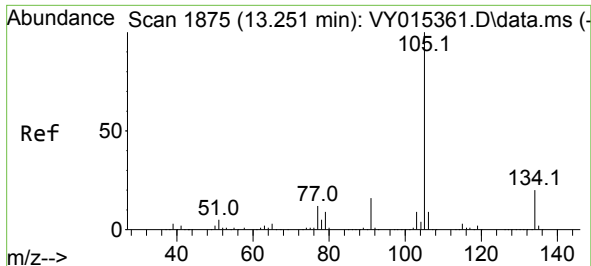
Tgt Ion:105 Resp: 588757

Ion Ratio Lower Upper

105 100

120 45.3 22.2 66.6

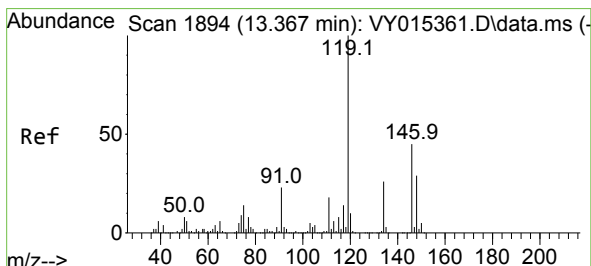
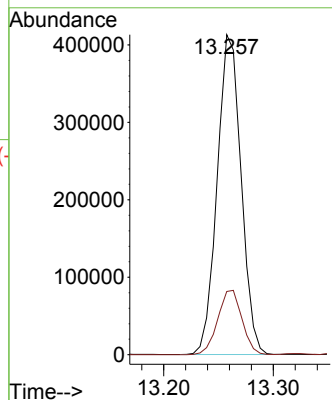
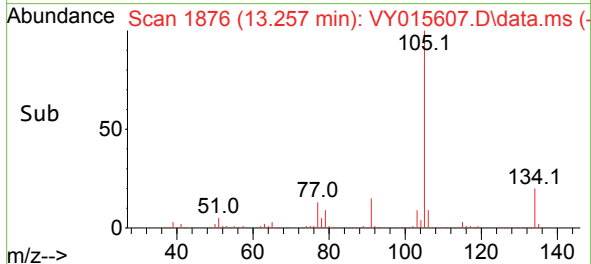
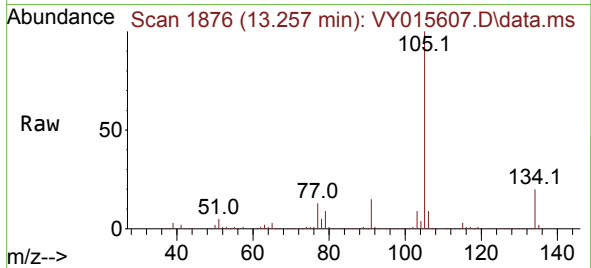




#85
 sec-Butylbenzene
 Concen: 54.368 ug/l
 RT: 13.257 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY015607.D
 Acq: 16 Sep 2023 07:03

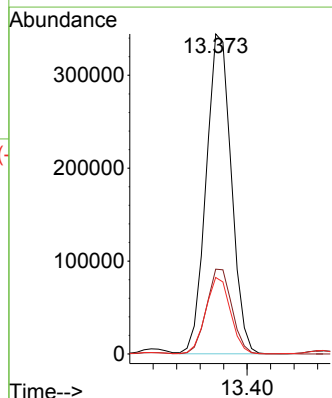
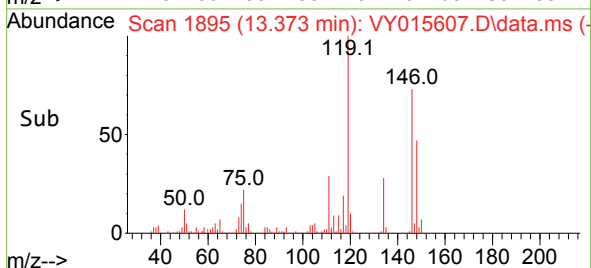
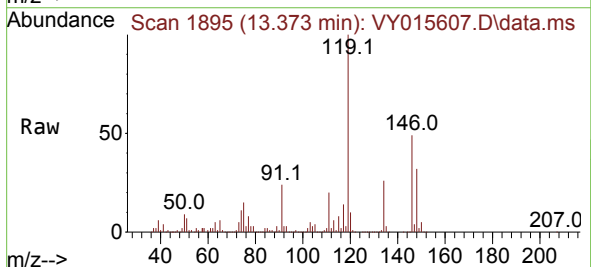
Instrument :
 MSVOA_Y
 ClientSampleId :

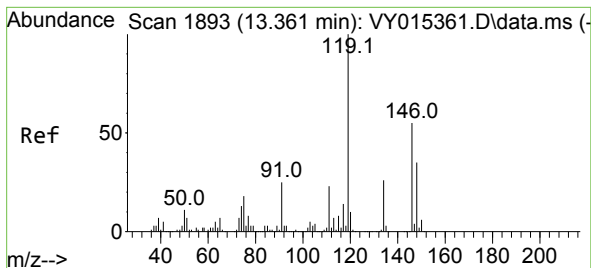
Tgt Ion:105 Resp: 627010
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 52.880 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015607.D
 Acq: 16 Sep 2023 07:03

Tgt Ion:119 Resp: 511133
 Ion Ratio Lower Upper
 119 100
 134 26.8 13.3 39.8
 91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 52.617 ug/l

RT: 13.373 min Scan# 1893

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :

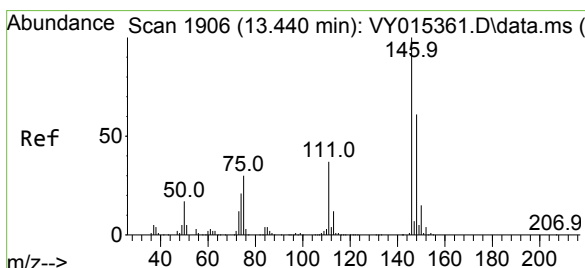
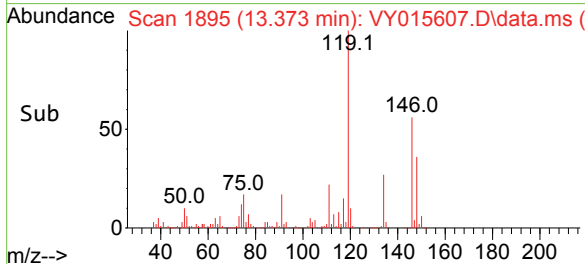
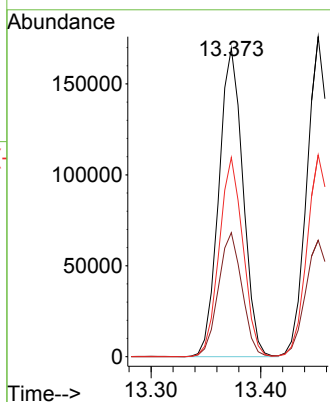
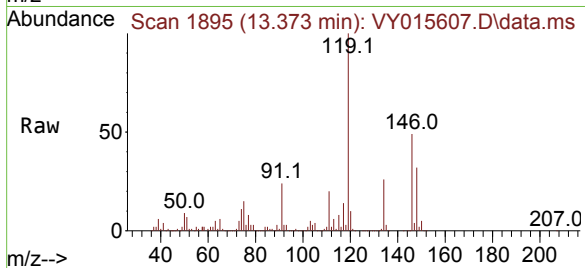
Tgt Ion:146 Resp: 259664

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.2

148 63.5 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 52.184 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

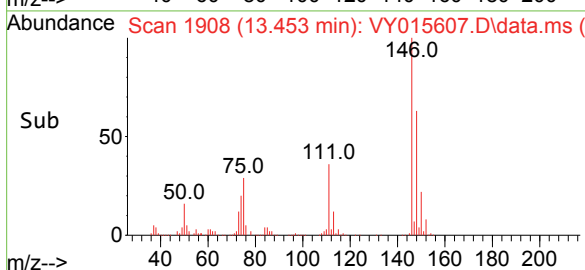
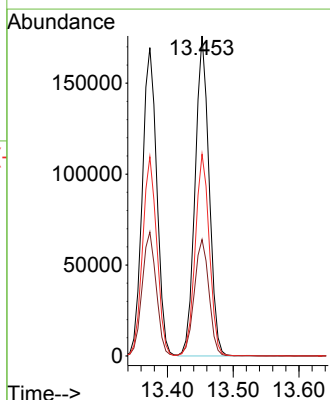
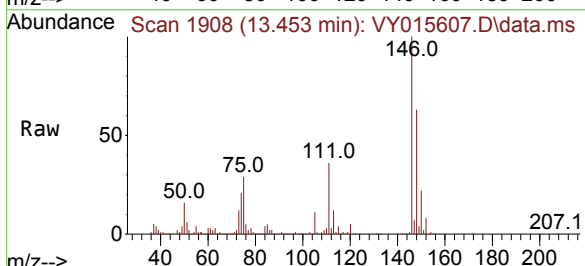
Tgt Ion:146 Resp: 260316

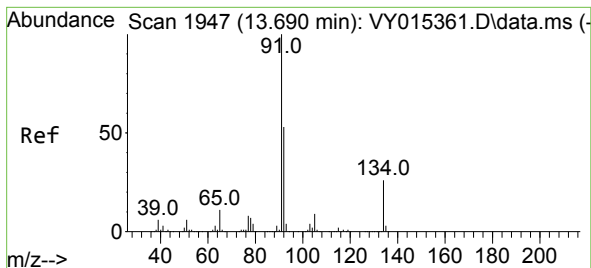
Ion Ratio Lower Upper

146 100

111 38.1 18.9 56.7

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 51.978 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :

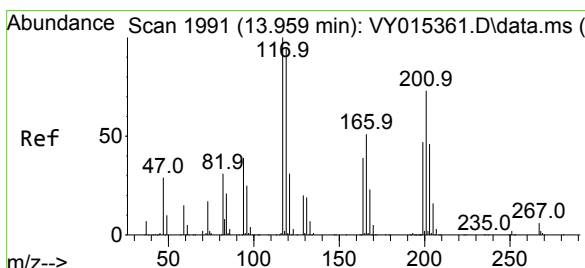
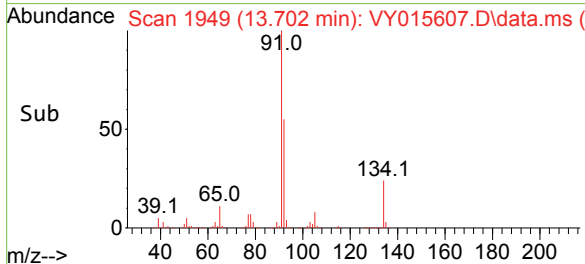
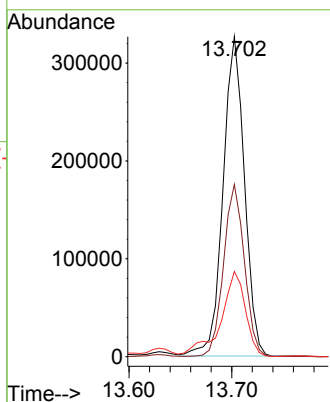
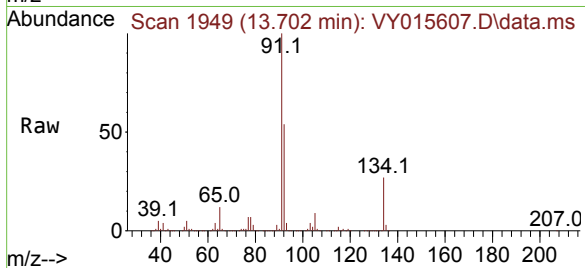
Tgt Ion: 91 Resp: 472873

Ion Ratio Lower Upper

91 100

92 52.6 25.4 76.0

134 30.8 12.6 37.6



#90

Hexachloroethane

Concen: 59.690 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.012 min

Lab File: VY015607.D

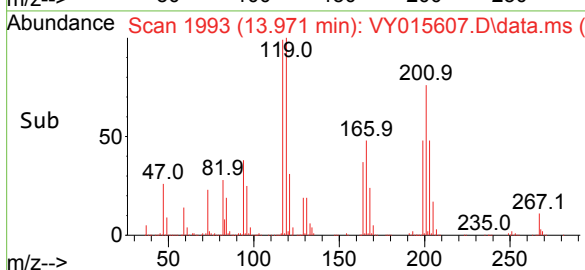
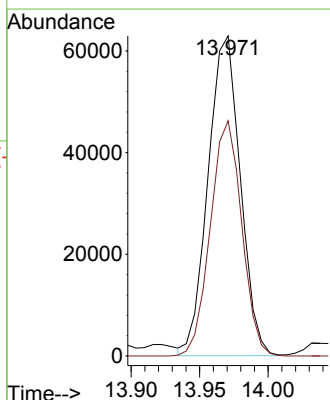
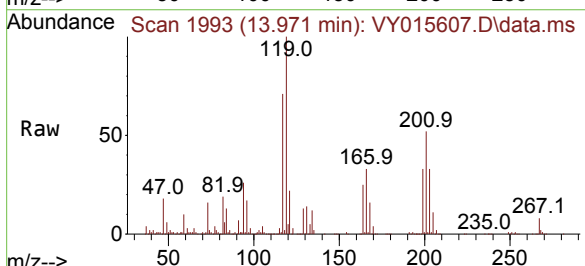
Acq: 16 Sep 2023 07:03

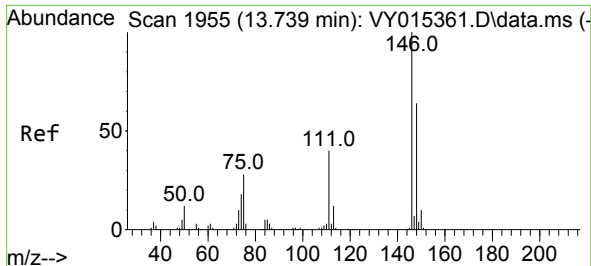
Tgt Ion: 117 Resp: 103187

Ion Ratio Lower Upper

117 100

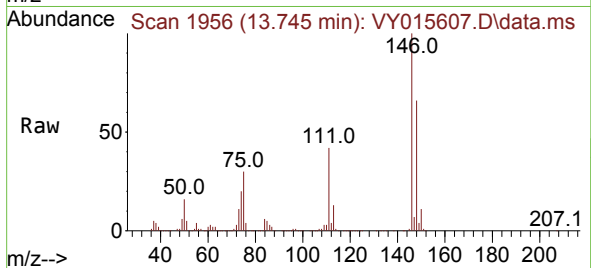
201 71.3 41.6 124.8



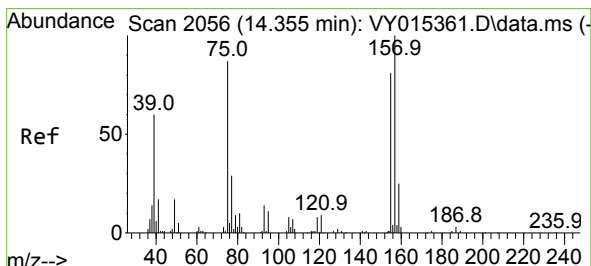
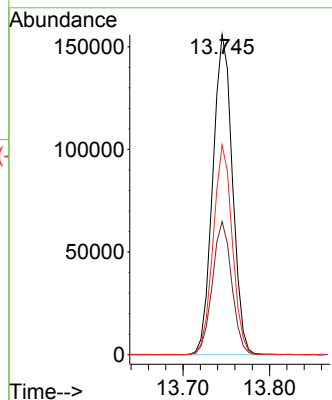
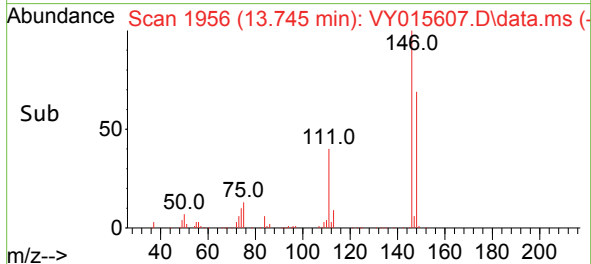


#91
1,2-Dichlorobenzene
Concen: 54.501 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03

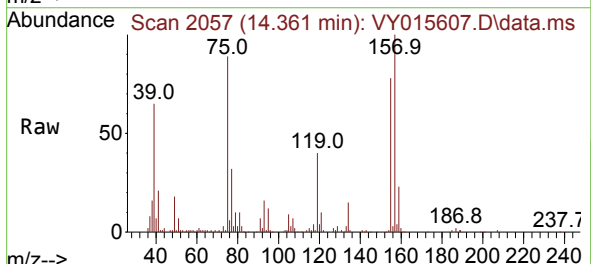
Instrument :
MSVOA_Y
ClientSampleId :



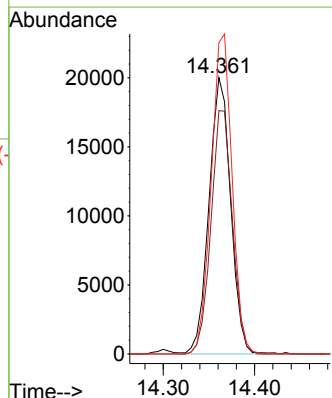
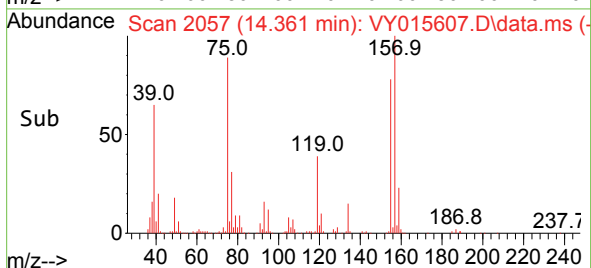
Tgt Ion:146 Resp: 245452
Ion Ratio Lower Upper
146 100
111 41.1 19.7 59.0
148 63.8 32.0 96.2

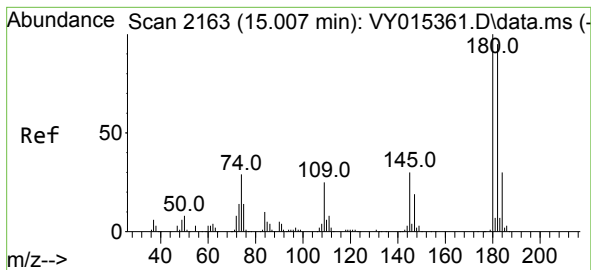


#92
1,2-Dibromo-3-Chloropropane
Concen: 66.013 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015607.D
Acq: 16 Sep 2023 07:03



Tgt Ion: 75 Resp: 32901
Ion Ratio Lower Upper
75 100
155 87.0 41.5 124.6
157 111.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.345 ug/l

RT: 15.013 min Scan# 2163

Delta R.T. 0.012 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :

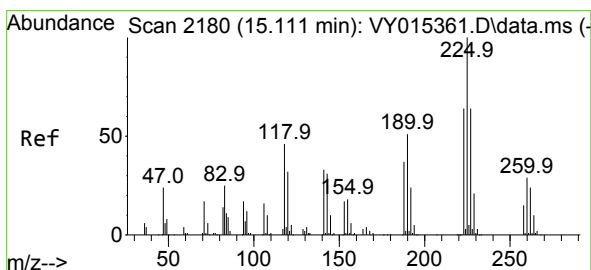
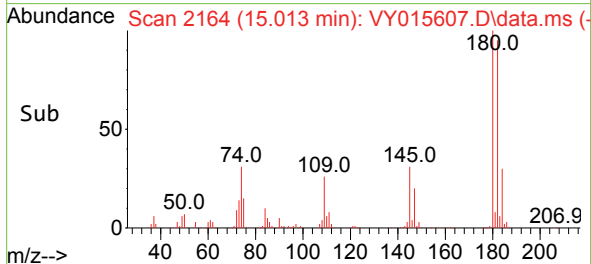
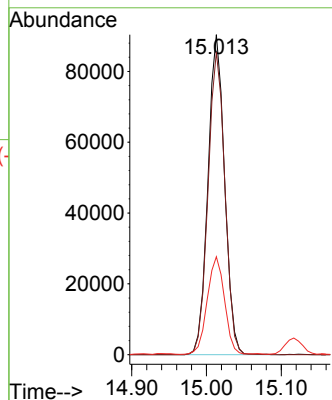
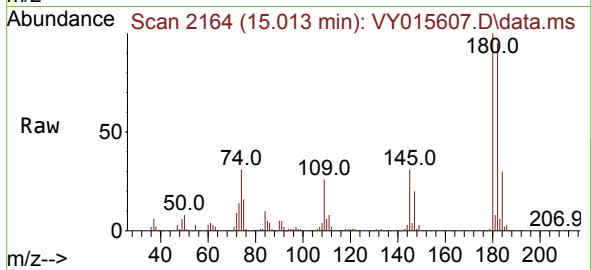
Tgt Ion:180 Resp: 139561

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 31.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 50.011 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

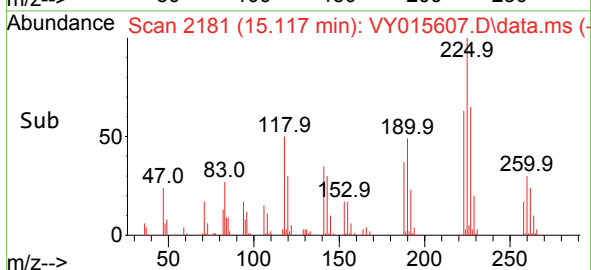
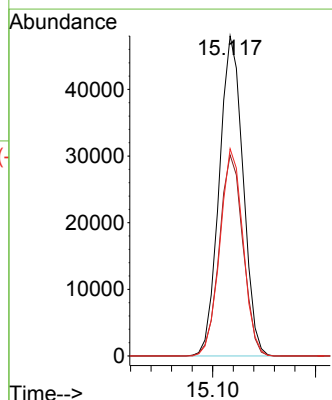
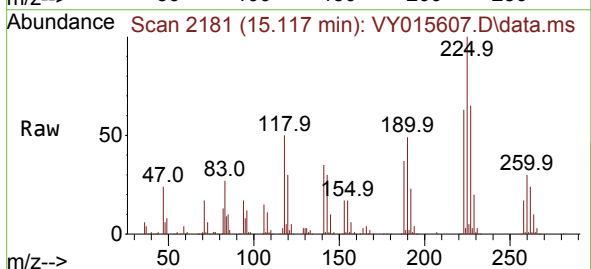
Tgt Ion:225 Resp: 77128

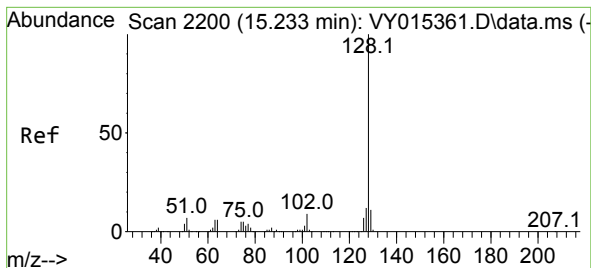
Ion Ratio Lower Upper

225 100

223 62.5 31.9 95.9

227 62.9 33.0 98.9





#95

Naphthalene

Concen: 64.777 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

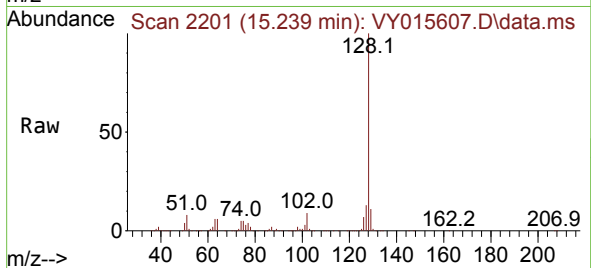
Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Instrument :

MSVOA_Y

ClientSampleId :



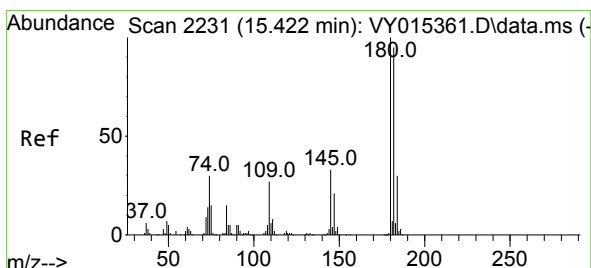
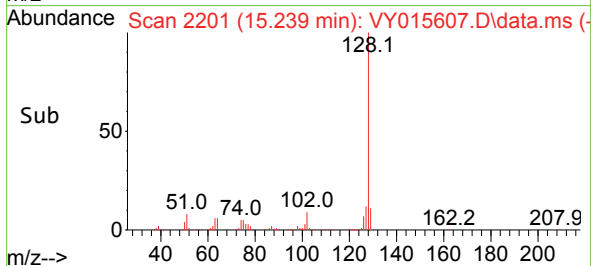
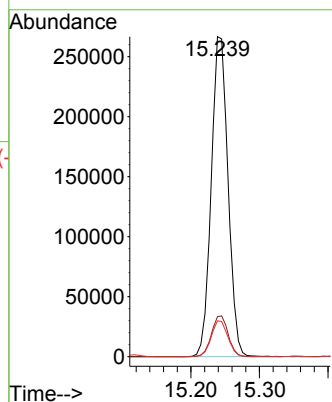
Tgt Ion:128 Resp: 453827

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.192 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015607.D

Acq: 16 Sep 2023 07:03

Tgt Ion:180 Resp: 134645

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 32.8 15.4 46.2

