

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090723\
 Data File : VY015460.D
 Acq On : 07 Sep 2023 10:35
 Operator : SY/MD
 Sample : VY0907SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 07 23:06:02 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	7.783	168	182826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	298950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	276117	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	143209	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.136	65	100165	51.108	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.220%	
35) Dibromofluoromethane	7.710	113	90023	52.282	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.560%	
50) Toluene-d8	10.173	98	308581	49.487	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 98.980%	
62) 4-Bromofluorobenzene	12.477	95	118979	51.397	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.800%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.900	85	24709	15.548	ug/l	97
3) Chloromethane	2.107	50	31588	14.966	ug/l	96
4) Vinyl Chloride	2.241	62	37491	15.261	ug/l	96
5) Bromomethane	2.613	94	31350	17.935	ug/l	94
6) Chloroethane	2.778	64	27486	17.022	ug/l	97
7) Trichlorofluoromethane	3.107	101	60212	17.327	ug/l	97
8) Diethyl Ether	3.515	74	23045	19.405	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.887	101	33863	17.582	ug/l	97
10) Methyl Iodide	4.076	142	32212	14.242	ug/l	98
11) Tert butyl alcohol	4.948	59	54414	112.937	ug/l #	87
12) 1,1-Dichloroethene	3.851	96	31019	17.068	ug/l	86
13) Acrolein	3.723	56	31582	66.948	ug/l	96
14) Allyl chloride	4.460	41	53052	18.334	ug/l	97
15) Acrylonitrile	5.149	53	78219	104.671	ug/l	99
16) Acetone	3.942	43	90397	110.504	ug/l	96
17) Carbon Disulfide	4.180	76	65373	12.032	ug/l	99
18) Methyl Acetate	4.466	43	59354	20.032	ug/l	93
19) Methyl tert-butyl Ether	5.204	73	122172	20.683	ug/l	97
20) Methylene Chloride	4.698	84	52411	15.298	ug/l	92
21) trans-1,2-Dichloroethene	5.204	96	36389	17.388	ug/l	94
22) Diisopropyl ether	6.112	45	122953	19.428	ug/l	91
23) Vinyl Acetate	6.051	43	391528	97.987	ug/l #	93
24) 1,1-Dichloroethane	6.003	63	69276	18.936	ug/l	98
25) 2-Butanone	6.978	43	127605	109.981	ug/l	94
26) 2,2-Dichloropropane	6.972	77	63622	20.475	ug/l	100
27) cis-1,2-Dichloroethene	6.972	96	45893	19.330	ug/l	96
28) Bromochloromethane	7.325	49	21755	19.392	ug/l	93
29) Tetrahydrofuran	7.344	42	74889	102.784	ug/l	91
30) Chloroform	7.496	83	77598	20.177	ug/l	98
31) Cyclohexane	7.777	56	53091	15.250	ug/l	88
32) 1,1,1-Trichloroethane	7.691	97	66472	19.351	ug/l	98
36) 1,1-Dichloropropene	7.911	75	52584	17.392	ug/l	100
37) Ethyl Acetate	7.063	43	47832	20.513	ug/l #	95
38) Carbon Tetrachloride	7.892	117	57359	18.369	ug/l	94
39) Methylcyclohexane	9.179	83	59723	15.690	ug/l	94
40) Benzene	8.155	78	156046	18.499	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	67421	61.657	ug/l #	30
42) 1,2-Dichloroethane	8.228	62	56206	19.982	ug/l	94
43) Isopropyl Acetate	8.270	43	83473	20.701	ug/l	98
44) Trichloroethene	8.935	130	45624	19.116	ug/l	96
45) 1,2-Dichloropropane	9.209	63	41051	19.305	ug/l	99
46) Dibromomethane	9.301	93	27970	19.801	ug/l	98
47) Bromodichloromethane	9.490	83	62391	20.654	ug/l	100
48) Methyl methacrylate	9.289	41	36038	19.479	ug/l	91
49) 1,4-Dioxane	9.295	88	11422	435.339	ug/l #	50
51) 4-Methyl-2-Pentanone	10.069	43	251982	107.518	ug/l	94
52) Toluene	10.240	92	104705	19.366	ug/l	93
53) t-1,3-Dichloropropene	10.459	75	65713	20.470	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	70342	20.143	ug/l	96
55) 1,1,2-Trichloroethane	10.642	97	39880	20.954	ug/l	97
56) Ethyl methacrylate	10.508	69	57838	20.507	ug/l	92
57) 1,3-Dichloropropane	10.788	76	66617	20.334	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	104409	103.714	ug/l	93
59) 2-Hexanone	10.831	43	191612	108.961	ug/l	92
60) Dibromochloromethane	10.983	129	47794	21.455	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39406	20.433	ug/l	99
64) Tetrachloroethene	10.715	164	51504	20.551	ug/l	96
65) Chlorobenzene	11.514	112	118633	19.938	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	45360	20.828	ug/l	98
67) Ethyl Benzene	11.587	91	205097	19.197	ug/l	99
68) m/p-Xylenes	11.697	106	158334	38.233	ug/l	97
69) o-Xylene	12.026	106	78132	19.741	ug/l	97
70) Styrene	12.038	104	133749	20.098	ug/l	98
71) Bromoform	12.203	173	33375	21.969	ug/l #	100
73) Isopropylbenzene	12.325	105	205588	19.112	ug/l	100
74) N-amyl acetate	12.142	43	72776	20.138	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	51910	20.215	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	70827	37.295	ug/l #	100
77) Bromobenzene	12.605	156	51508	20.217	ug/l	99
78) n-propylbenzene	12.666	91	246716	18.955	ug/l	98
79) 2-Chlorotoluene	12.751	91	141176	19.338	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	173683	19.304	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	17019	19.768	ug/l	97
82) 4-Chlorotoluene	12.849	91	149107	19.652	ug/l	99
83) tert-Butylbenzene	13.074	119	152998	19.414	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	176733	19.783	ug/l	98
85) sec-Butylbenzene	13.251	105	226663	19.283	ug/l	100
86) p-Isopropyltoluene	13.367	119	193196	19.611	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	101024	20.085	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	103792	20.414	ug/l	99
89) n-Butylbenzene	13.696	91	181234	19.546	ug/l	97
90) Hexachloroethane	13.958	117	35443	20.116	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	94967	20.690	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11022	21.698	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	62565	21.704	ug/l	98
94) Hexachlorobutadiene	15.111	225	33210	21.128	ug/l	98
95) Naphthalene	15.233	128	163079	22.838	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	57516	21.875	ug/l	98

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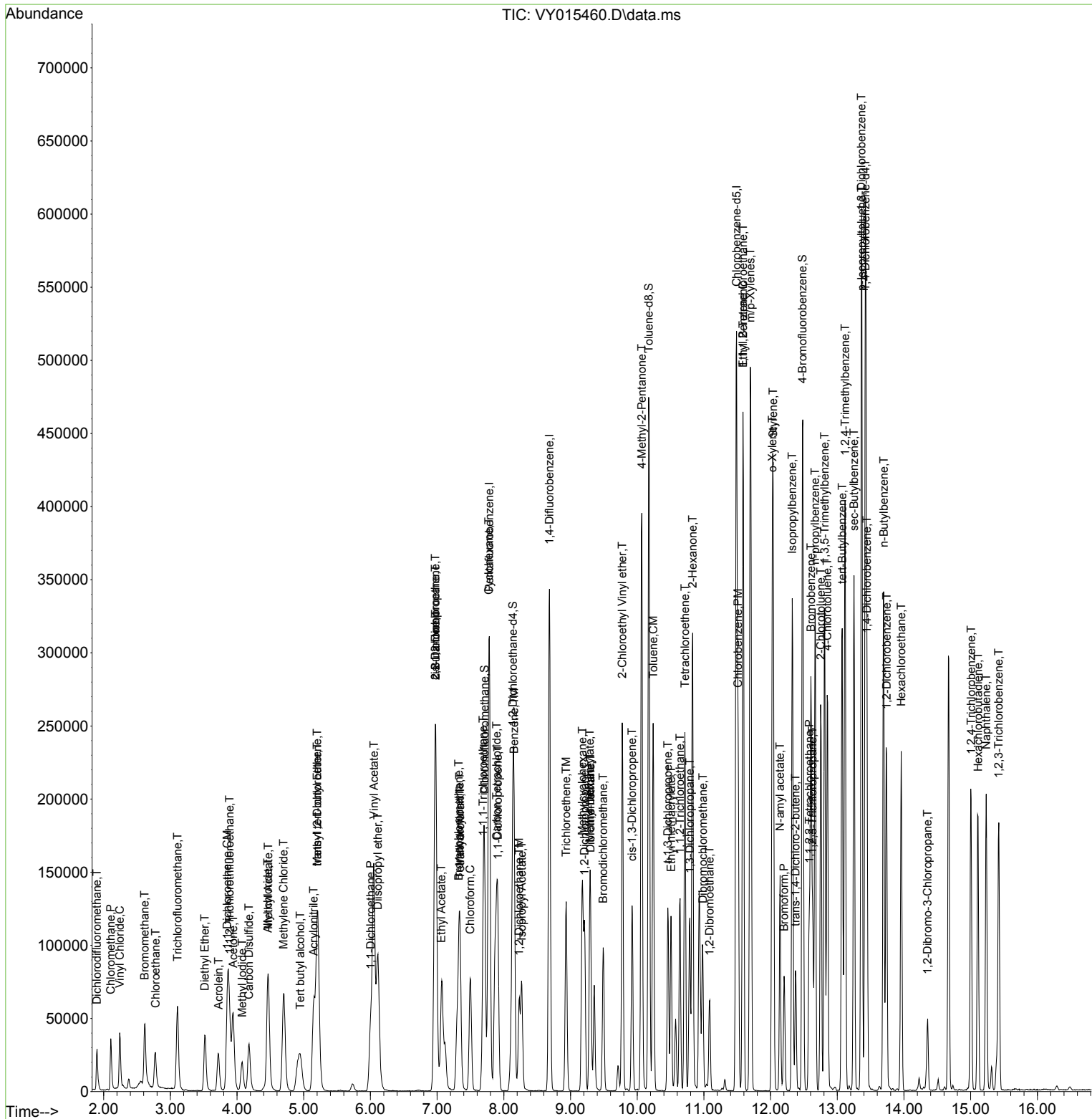
Instrument :
MSVOA_Y
ClientSampleId :

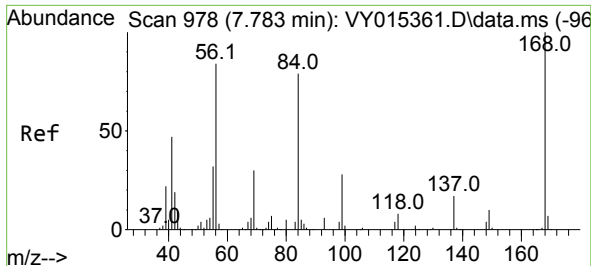
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QLast Update : Thu Aug 31 20:01:47 2023
Response via : Initial Calibration

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

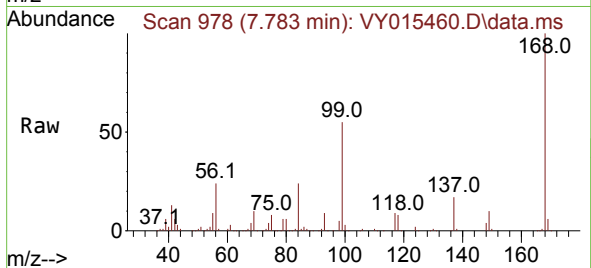
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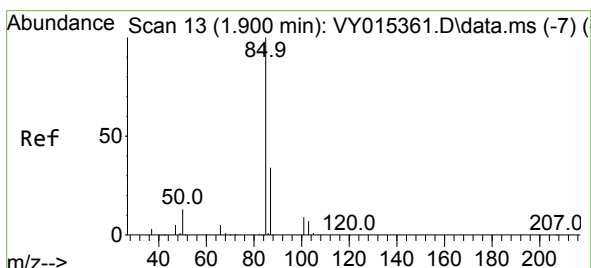
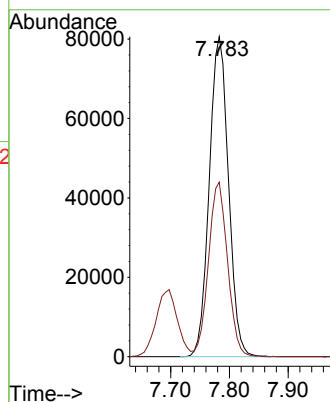
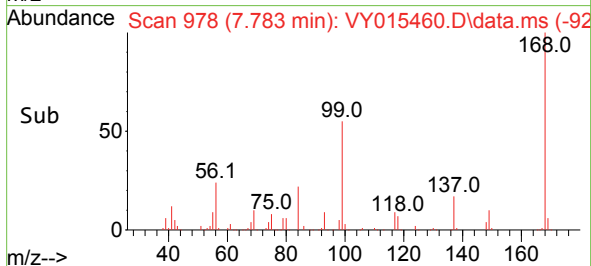


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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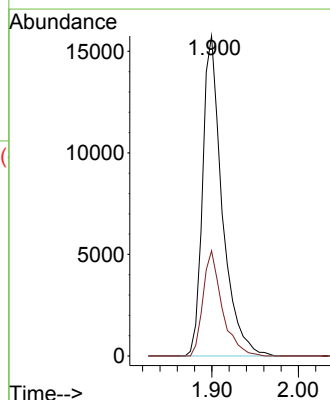
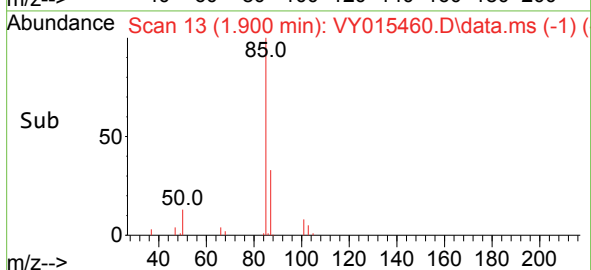
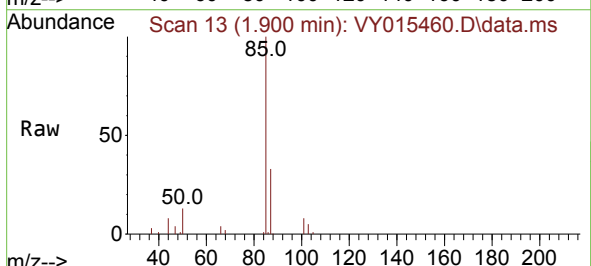


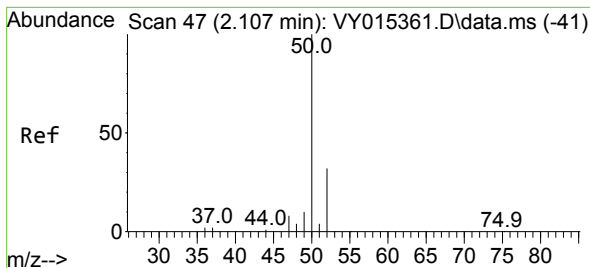
Tgt Ion:168 Resp: 182826
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 15.548 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 85 Resp: 24709
Ion Ratio Lower Upper
85 100
87 32.8 15.6 46.8





#3

Chloromethane

Concen: 14.966 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

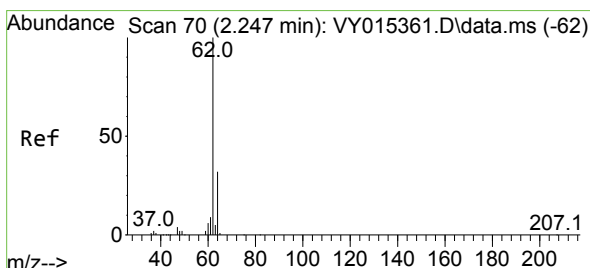
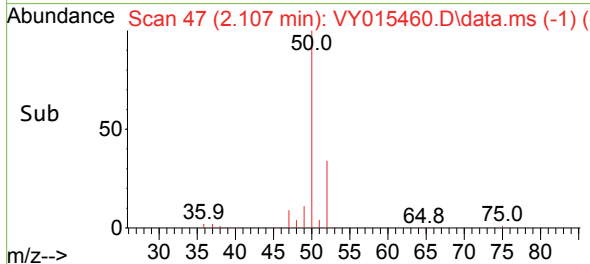
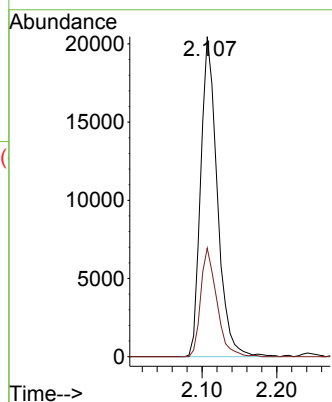
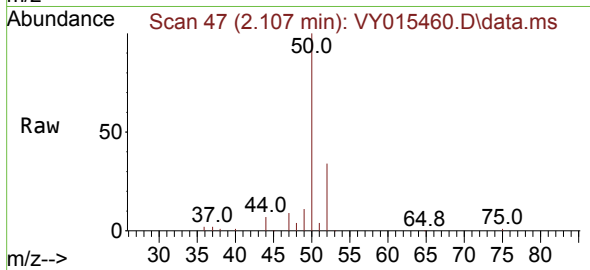
ClientSampleId :

Tgt Ion: 50 Resp: 31588

Ion Ratio Lower Upper

50 100

52 33.9 25.4 38.2



#4

Vinyl Chloride

Concen: 15.261 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.000 min

Lab File: VY015460.D

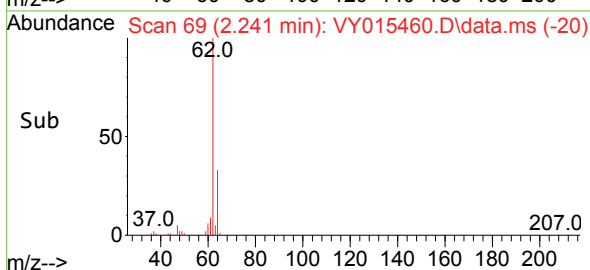
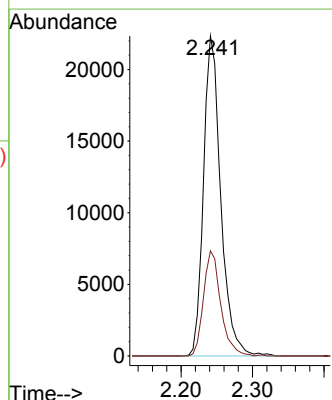
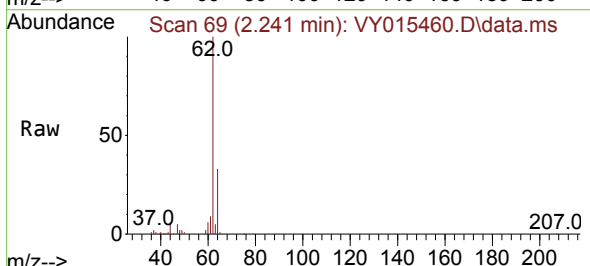
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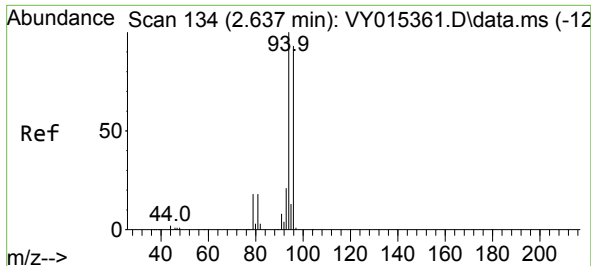
Tgt Ion: 62 Resp: 37491

Ion Ratio Lower Upper

62 100

64 32.8 24.3 36.5

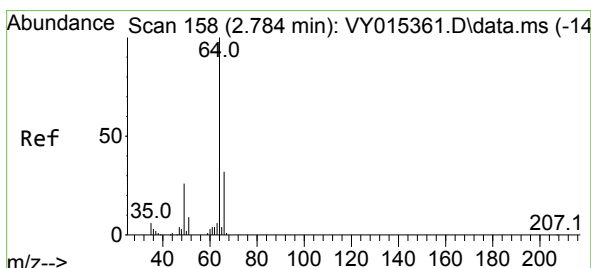
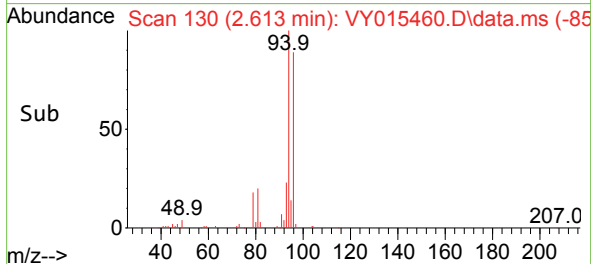
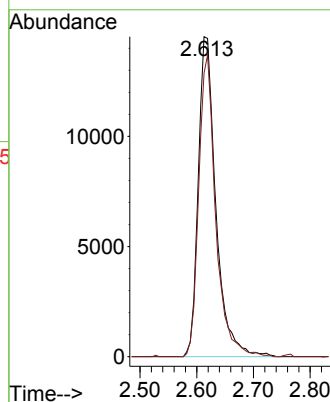
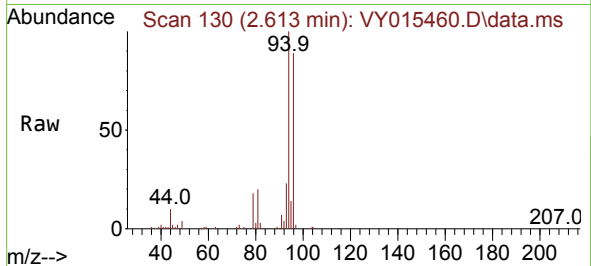




#5
Bromomethane
Concen: 17.935 ug/l
RT: 2.613 min Scan# 11
Delta R.T. -0.024 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

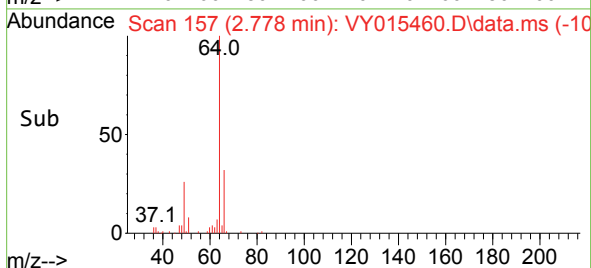
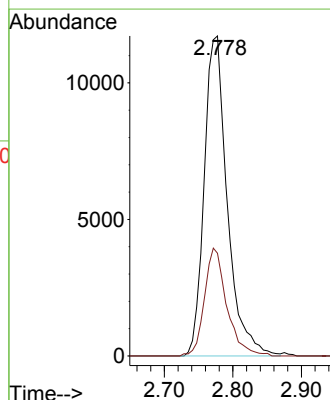
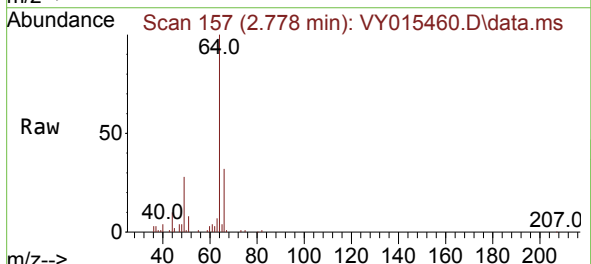
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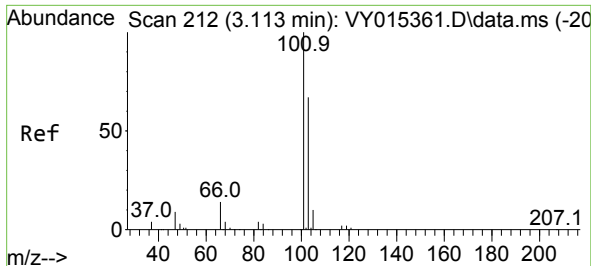
Tgt Ion: 94 Resp: 31350
Ion Ratio Lower Upper
94 100
96 88.6 75.8 113.6



#6
Chloroethane
Concen: 17.022 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

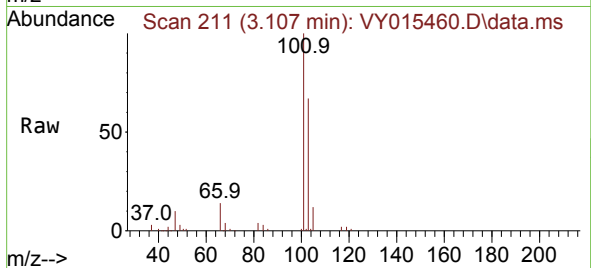
Tgt Ion: 64 Resp: 27486
Ion Ratio Lower Upper
64 100
66 32.1 24.4 36.6



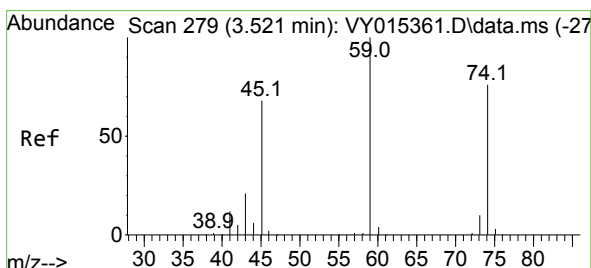
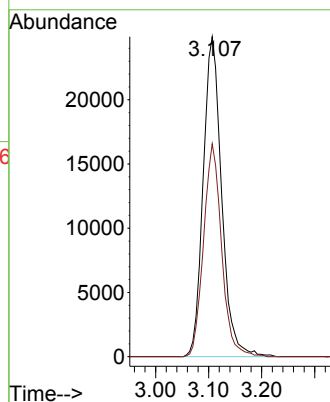
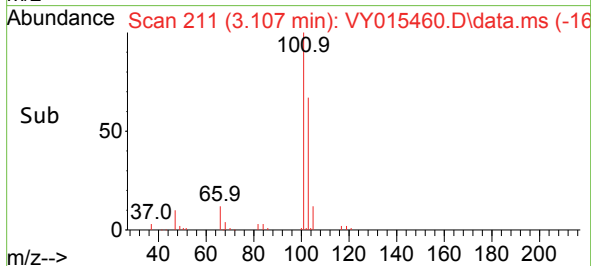


#7
Trichlorofluoromethane
Concen: 17.327 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

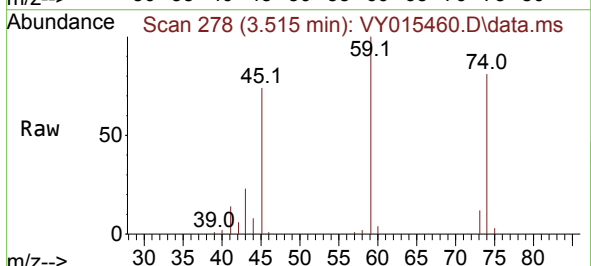
Instrument :
MSVOA_Y
ClientSampleId :



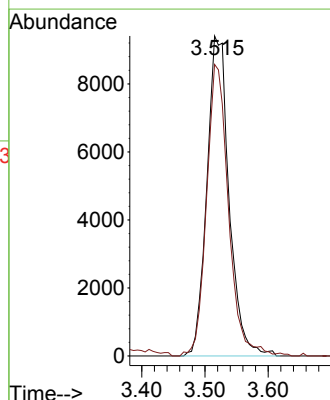
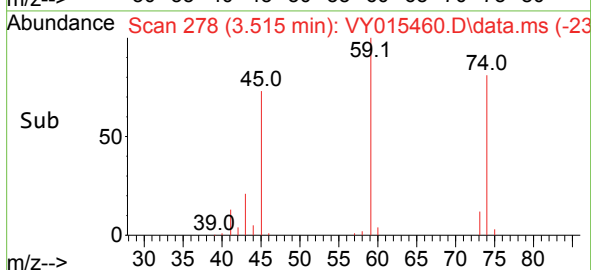
Tgt Ion:101 Resp: 60212
Ion Ratio Lower Upper
101 100
103 66.5 51.4 77.0

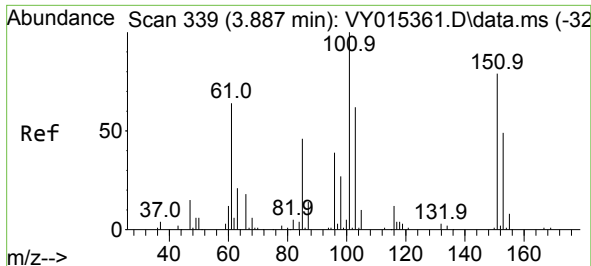


#8
Diethyl Ether
Concen: 19.405 ug/l
RT: 3.515 min Scan# 278
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35



Tgt Ion: 74 Resp: 23045
Ion Ratio Lower Upper
74 100
45 89.6 51.5 154.5

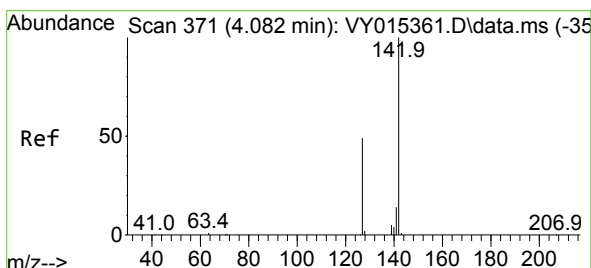
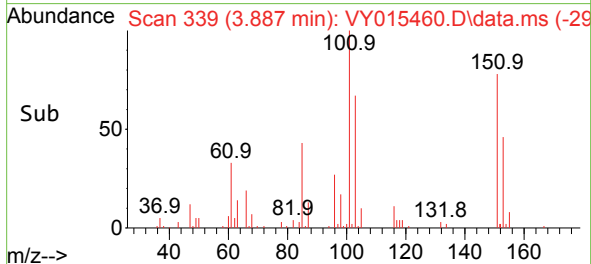
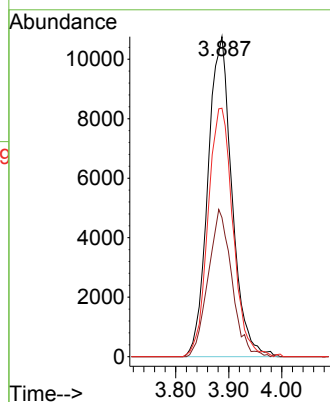
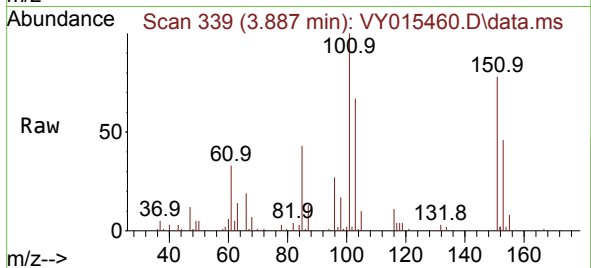




#9
1,1,2-Trichlorotrifluoroethane
Concen: 17.582 ug/l
RT: 3.887 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

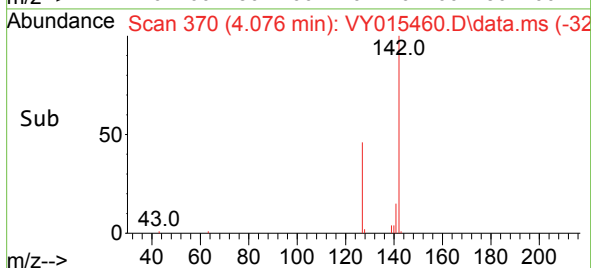
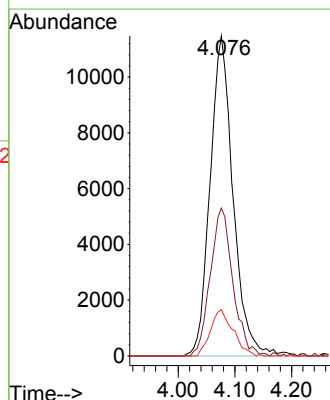
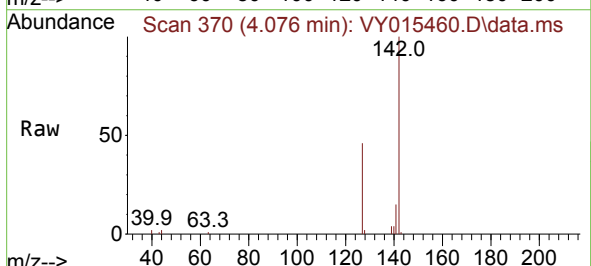
Instrument :
MSVOA_Y
ClientSampleId :

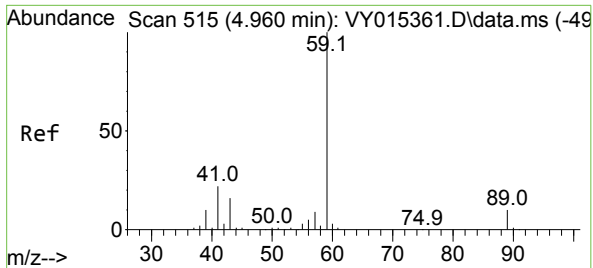
Tgt Ion:101 Resp: 33863
Ion Ratio Lower Upper
101 100
85 45.1 36.6 55.0
151 80.4 67.0 100.6



#10
Methyl Iodide
Concen: 14.242 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion:142 Resp: 32212
Ion Ratio Lower Upper
142 100
127 45.5 37.6 56.4
141 14.3 11.8 17.8

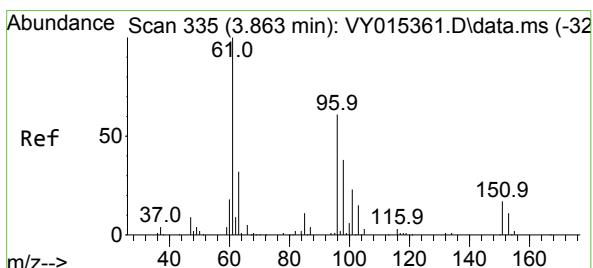
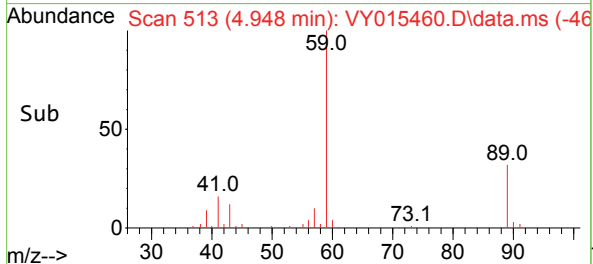
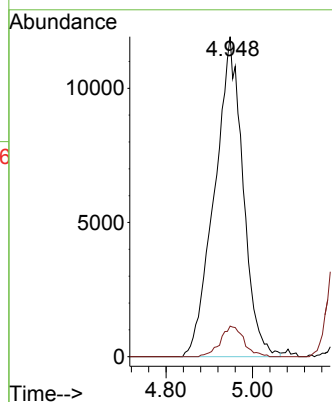
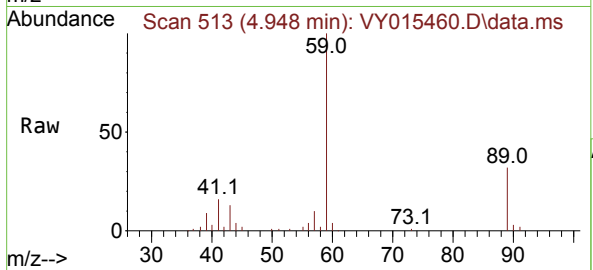




#11
Tert butyl alcohol
Concen: 112.937 ug/l
RT: 4.948 min Scan# 515
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

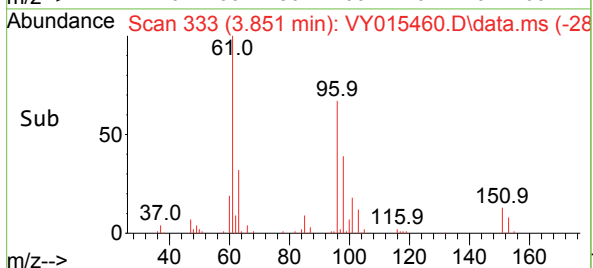
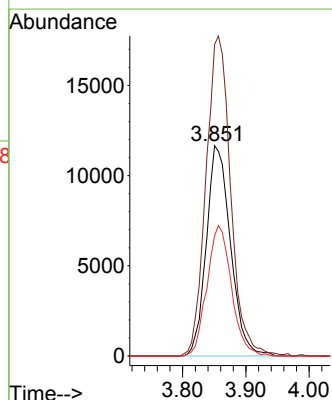
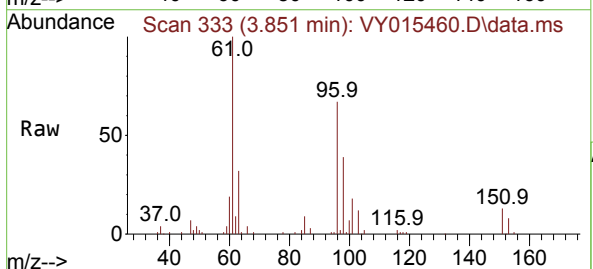
Instrument :
MSVOA_Y
ClientSampleId :

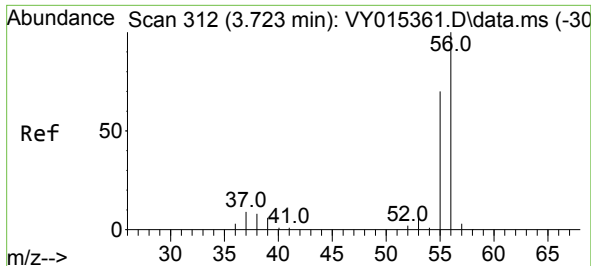
Tgt Ion: 59 Resp: 54414
Ion Ratio Lower Upper
59 100
57 7.9 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 17.068 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.012 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 96 Resp: 31019
Ion Ratio Lower Upper
96 100
61 148.2 136.4 204.6
98 57.3 49.4 74.2





#13

Acrolein

Concen: 66.948 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.000 min

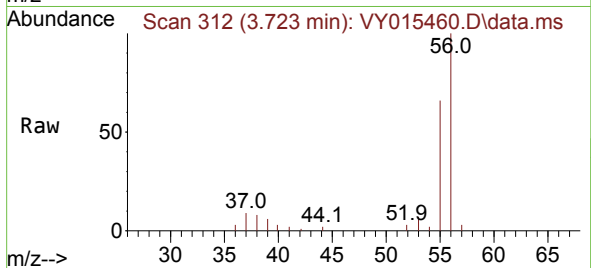
Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

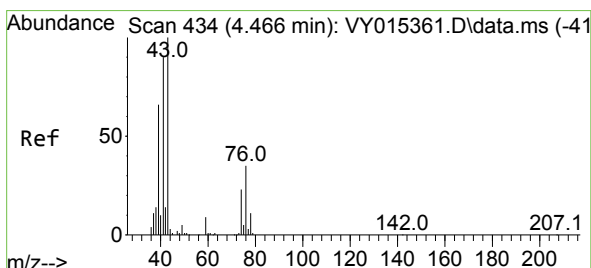
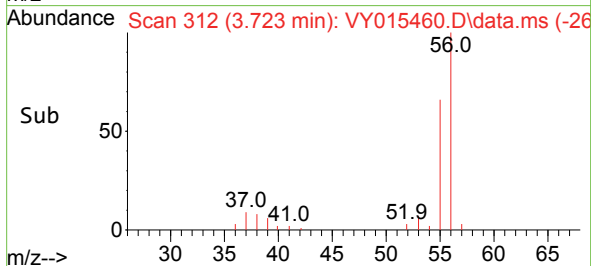
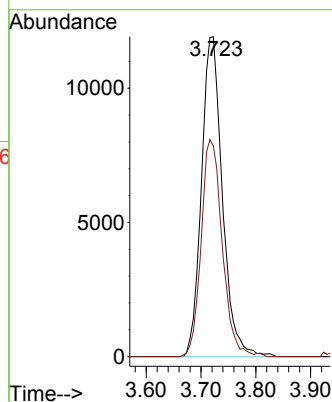


Tgt Ion: 56 Resp: 31582

Ion Ratio Lower Upper

56 100

55 68.2 57.0 85.4



#14

Allyl chloride

Concen: 18.334 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.012 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

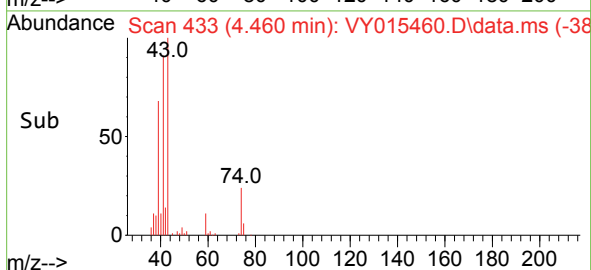
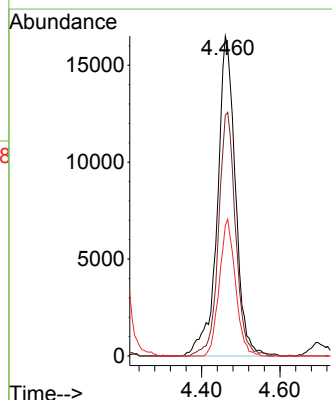
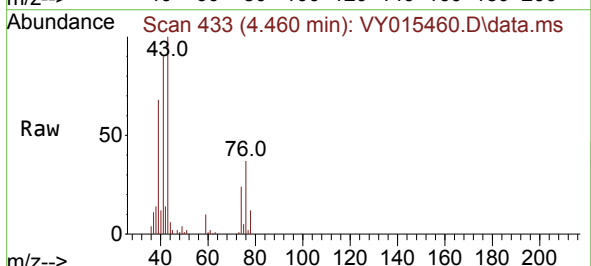
Tgt Ion: 41 Resp: 53052

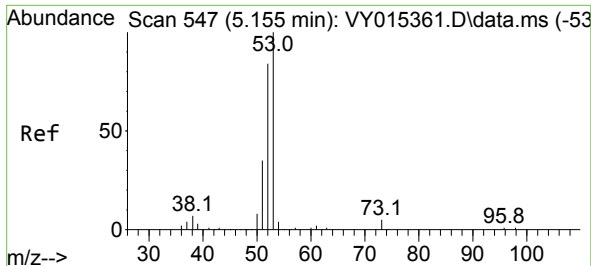
Ion Ratio Lower Upper

41 100

39 71.8 58.0 87.0

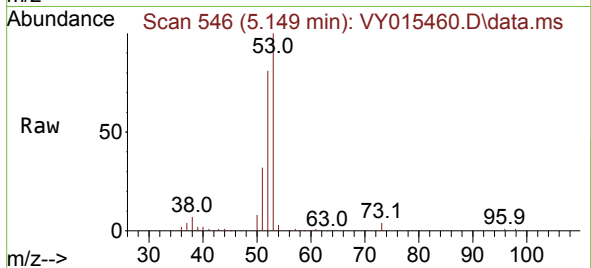
76 38.0 27.4 41.2



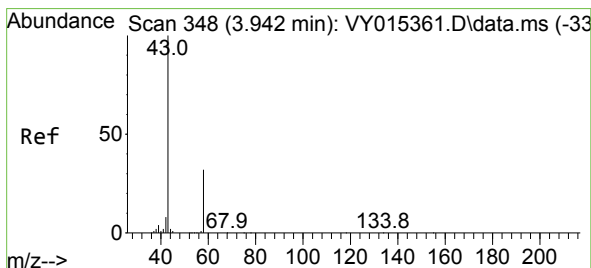
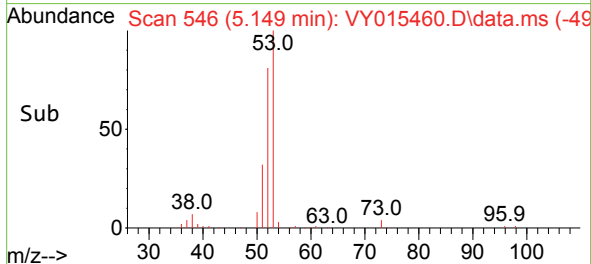
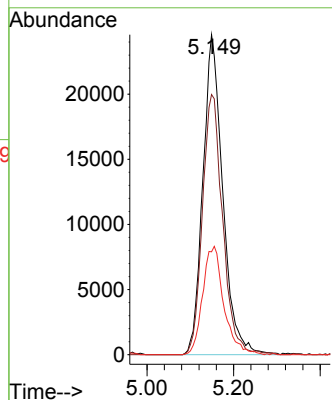


#15
Acrylonitrile
Concen: 104.671 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.012 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :

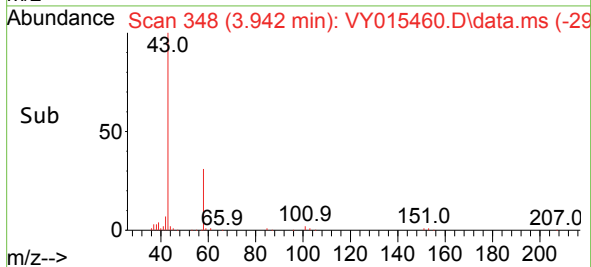
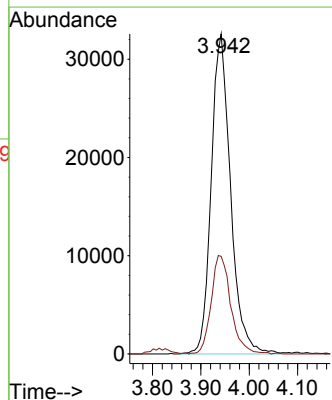
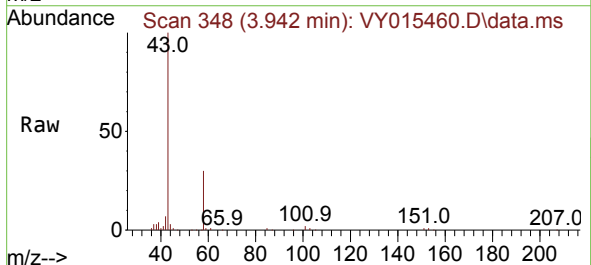


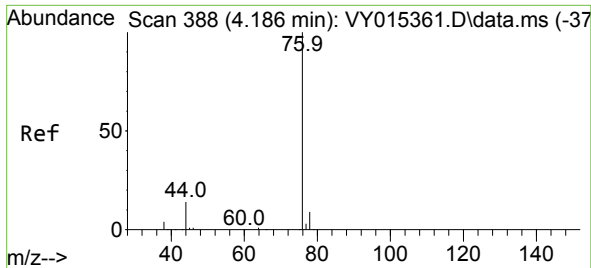
Tgt Ion: 53 Resp: 78219
Ion Ratio Lower Upper
53 100
52 82.8 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 110.504 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 43 Resp: 90397
Ion Ratio Lower Upper
43 100
58 30.3 22.7 34.1

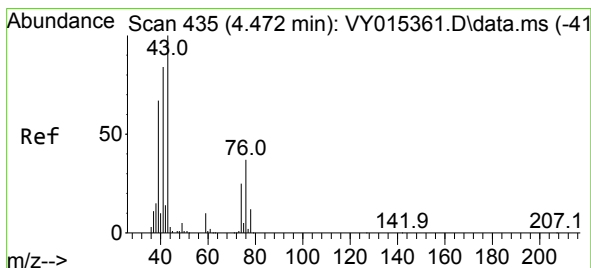
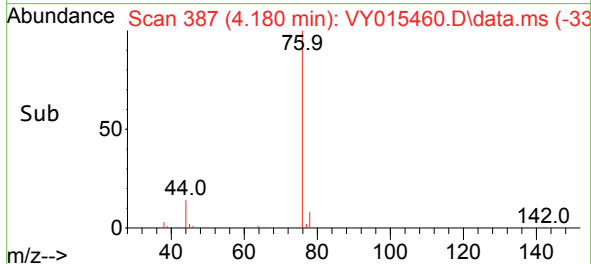
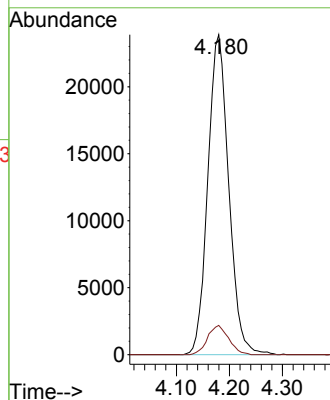
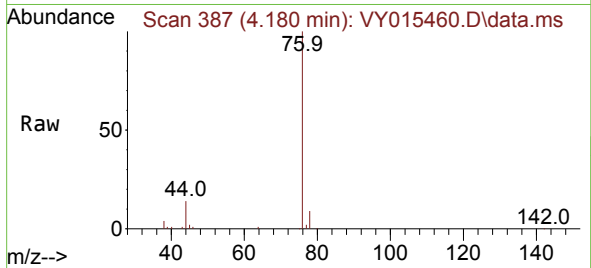




#17
Carbon Disulfide
Concen: 12.032 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

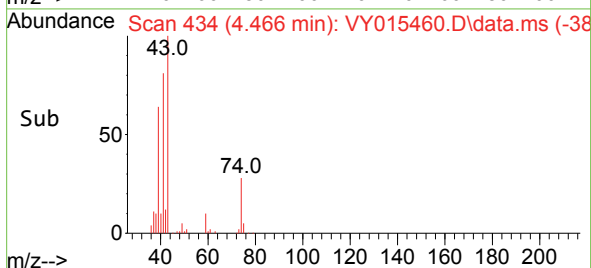
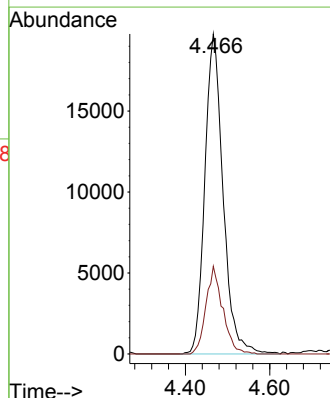
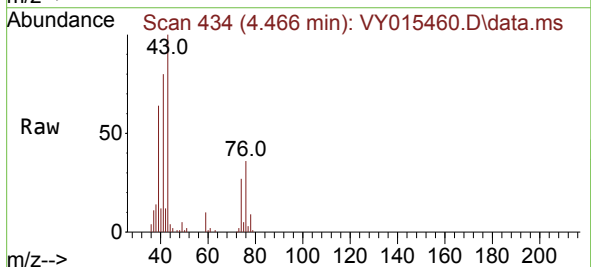
Instrument :
MSVOA_Y
ClientSampleId :

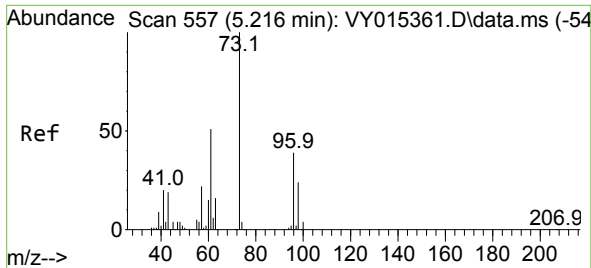
Tgt Ion: 76 Resp: 65373
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 20.032 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 43 Resp: 59354
Ion Ratio Lower Upper
43 100
74 25.2 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 20.683 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

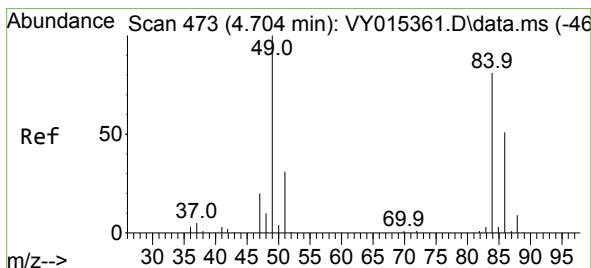
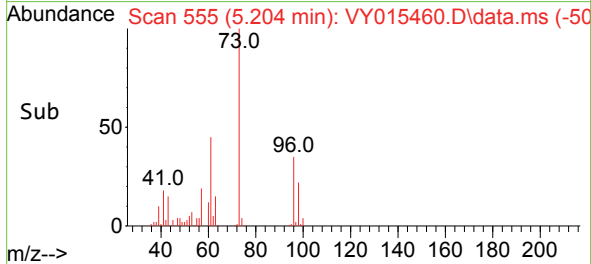
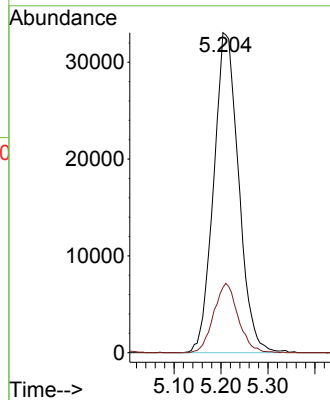
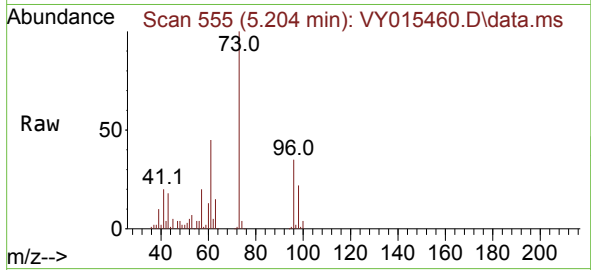
ClientSampleId :

Tgt Ion: 73 Resp: 122172

Ion Ratio Lower Upper

73 100

57 20.3 17.3 25.9



#20

Methylene Chloride

Concen: 15.298 ug/l

RT: 4.698 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Tgt Ion: 84 Resp: 52411

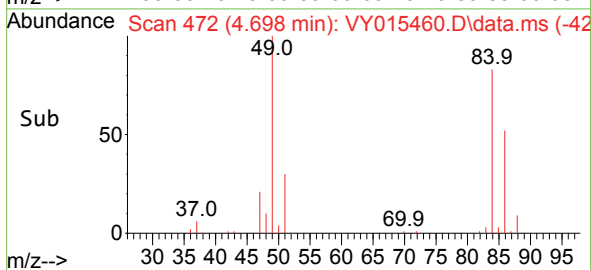
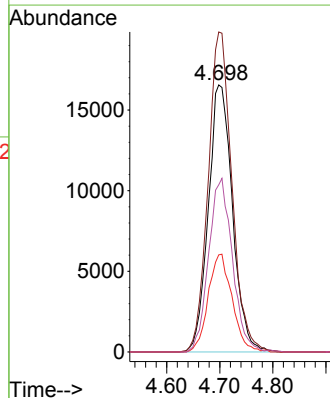
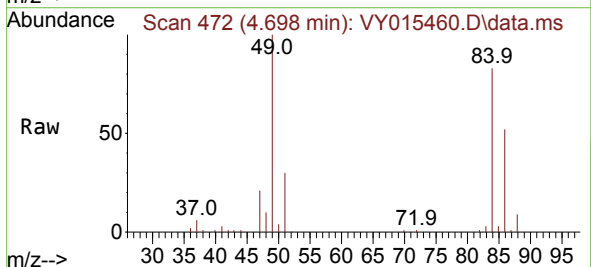
Ion Ratio Lower Upper

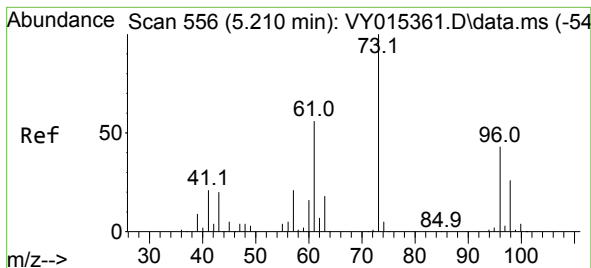
84 100

49 119.8 106.9 160.3

51 36.4 33.2 49.8

86 62.6 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 17.388 ug/l

RT: 5.204 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

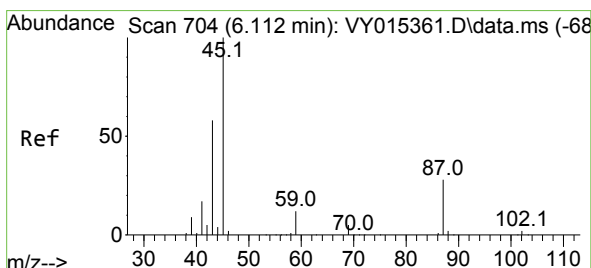
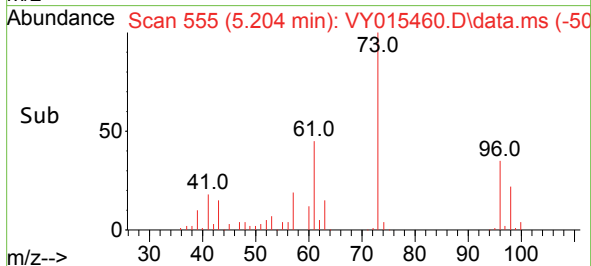
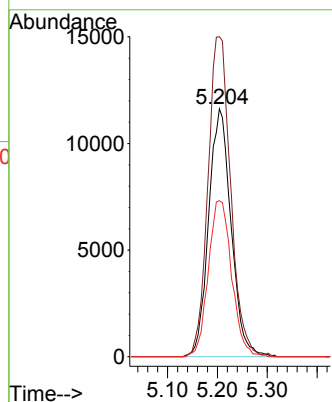
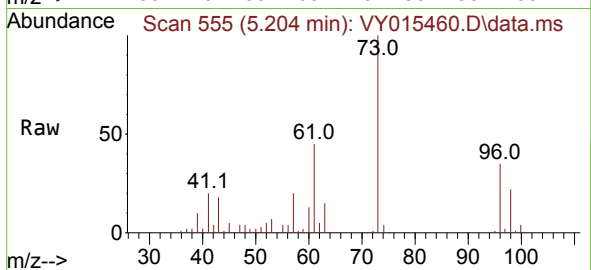
Tgt Ion: 96 Resp: 36389

Ion Ratio Lower Upper

96 100

61 129.1 110.2 165.4

98 63.0 51.8 77.6



#22

Diisopropyl ether

Concen: 19.428 ug/l

RT: 6.112 min Scan# 704

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Tgt Ion: 45 Resp: 122953

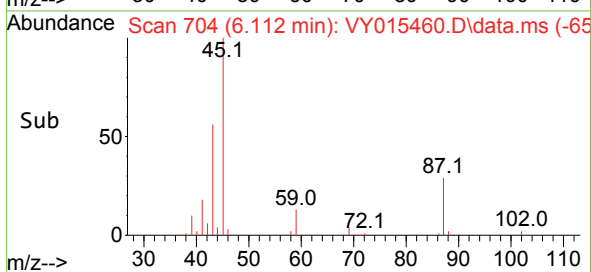
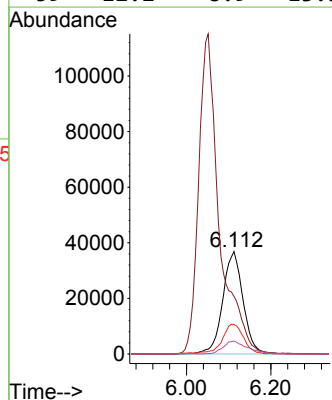
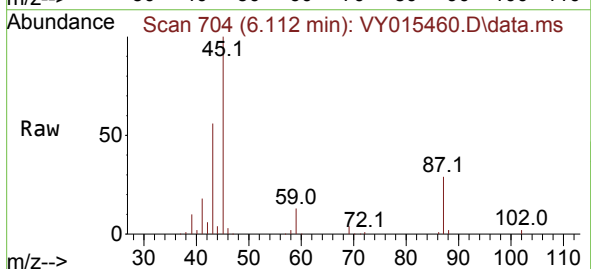
Ion Ratio Lower Upper

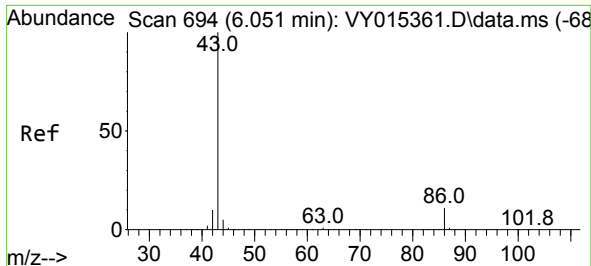
45 100

43 55.7 52.2 78.4

87 28.7 21.0 31.6

59 12.2 8.9 13.3

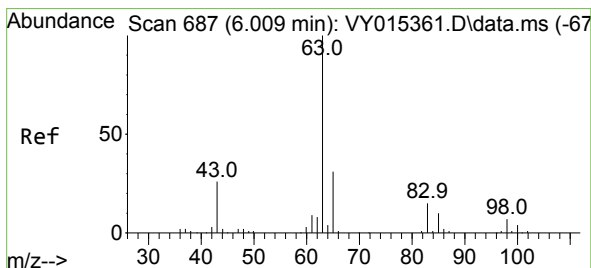
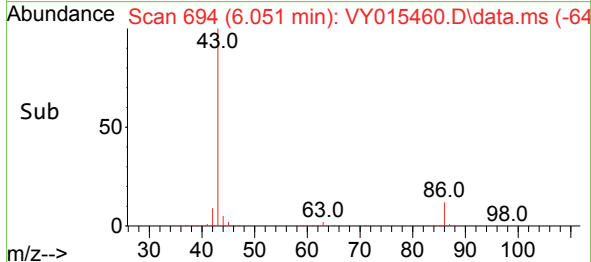
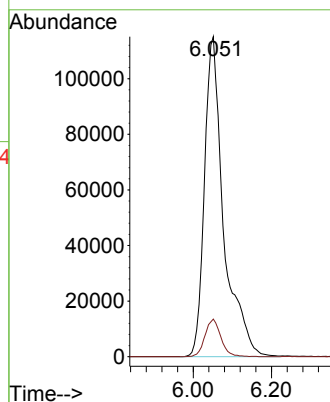
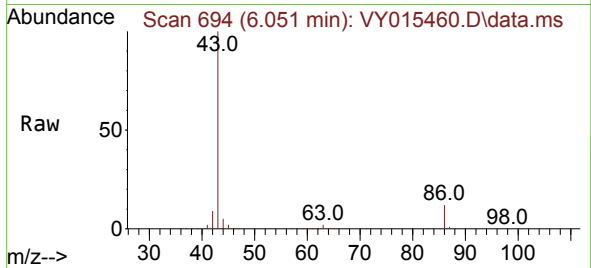




#23
 Vinyl Acetate
 Concen: 97.987 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY015460.D
 Acq: 07 Sep 2023 10:35

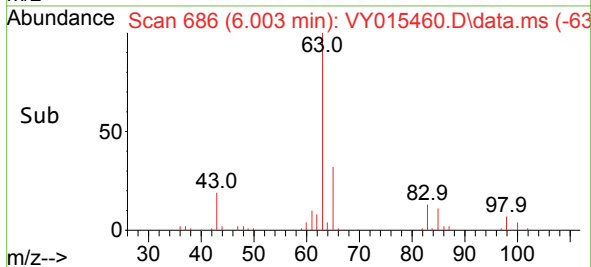
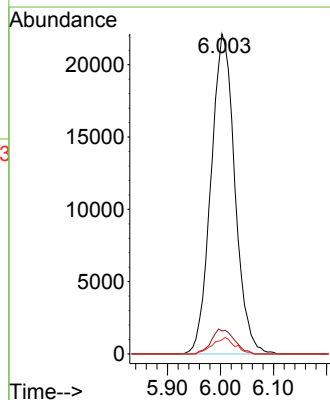
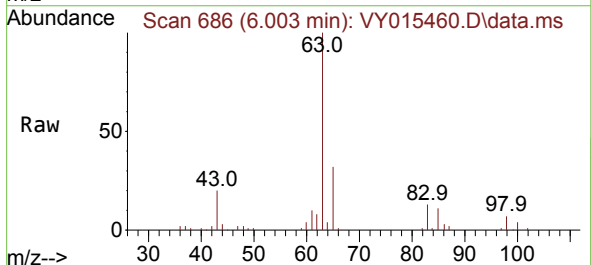
Instrument :
 MSVOA_Y
 ClientSampleId :

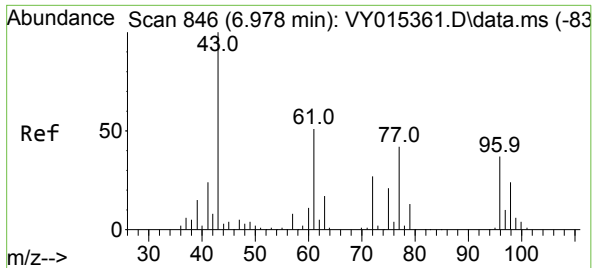
Tgt Ion: 43 Resp: 391528
 Ion Ratio Lower Upper
 43 100
 86 11.8 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 18.936 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY015460.D
 Acq: 07 Sep 2023 10:35

Tgt Ion: 63 Resp: 69276
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 4.4 1.8 5.5

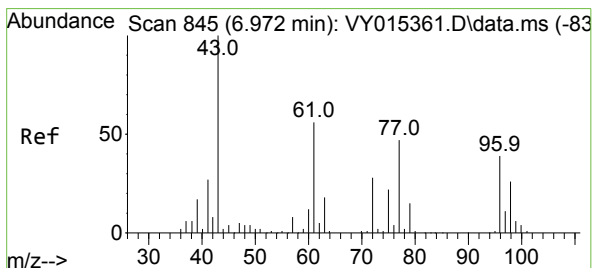
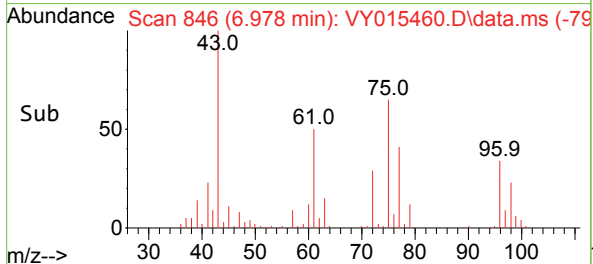
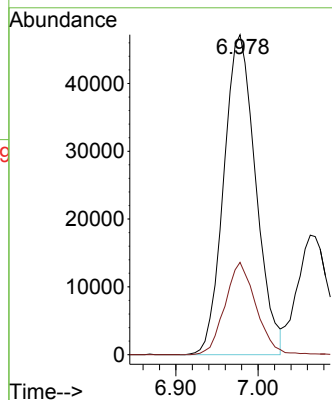
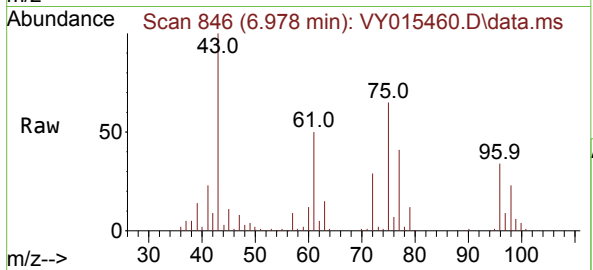




#25
2-Butanone
Concen: 109.981 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

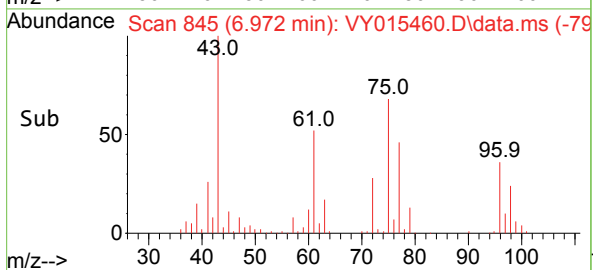
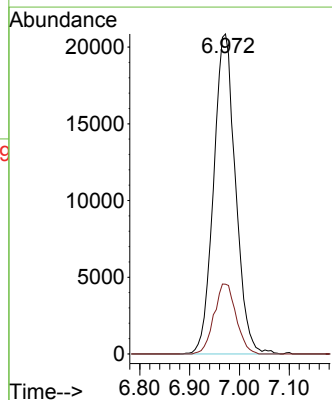
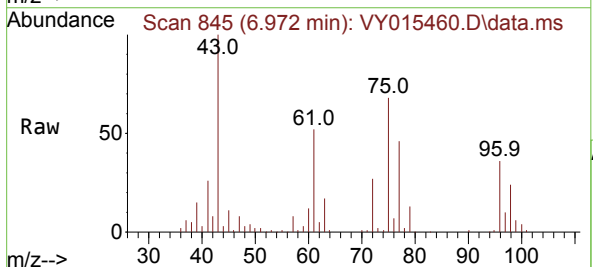
Instrument :
MSVOA_Y
ClientSampleId :

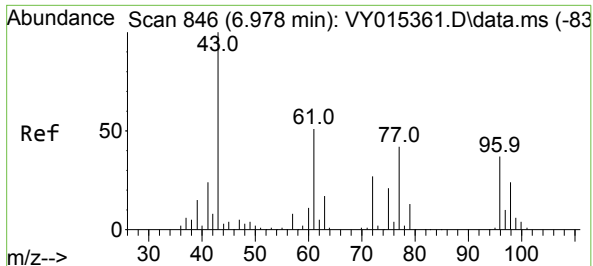
Tgt Ion: 43 Resp: 127605
Ion Ratio Lower Upper
43 100
72 28.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.475 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 77 Resp: 63622
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.330 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

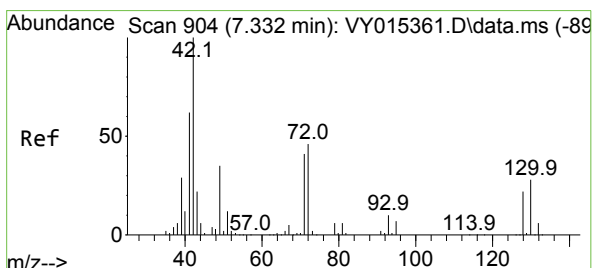
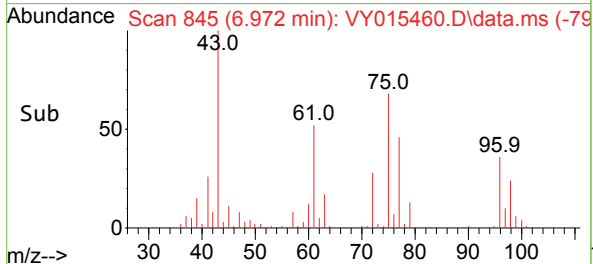
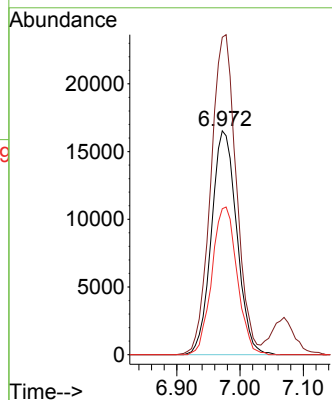
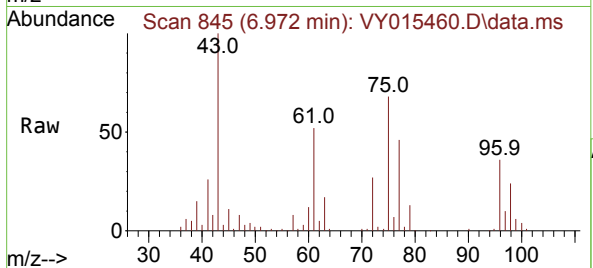
Tgt Ion: 96 Resp: 45893

Ion Ratio Lower Upper

96 100

61 144.5 0.0 301.4

98 65.8 0.0 130.4



#28

Bromochloromethane

Concen: 19.392 ug/l

RT: 7.325 min Scan# 903

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

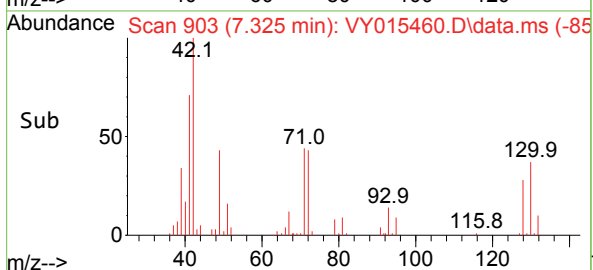
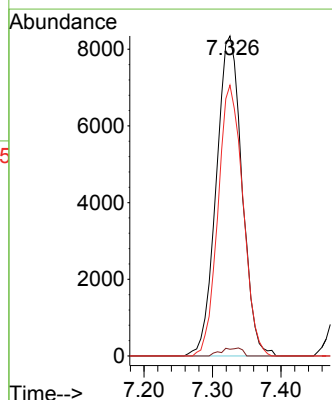
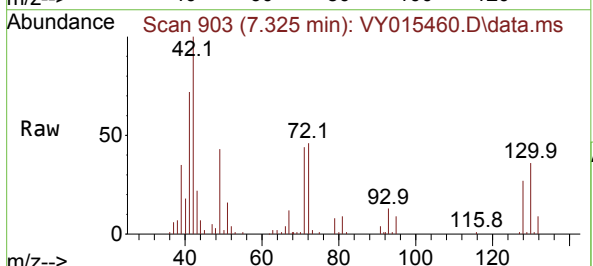
Tgt Ion: 49 Resp: 21755

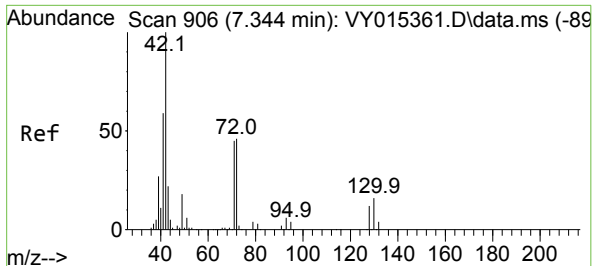
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 82.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 102.784 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

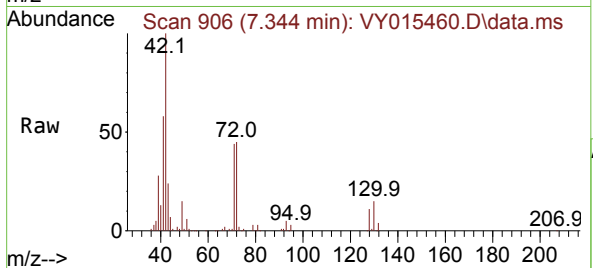
Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :



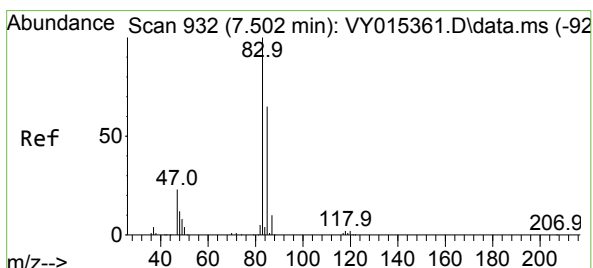
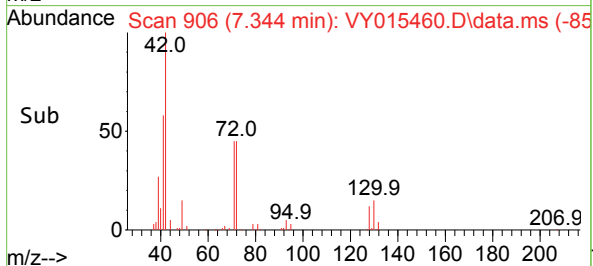
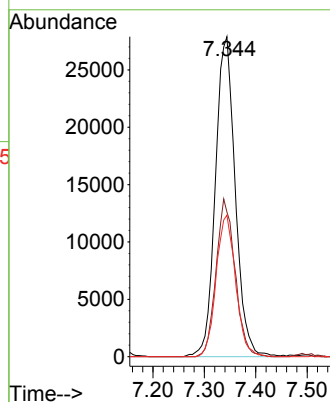
Tgt Ion: 42 Resp: 74889

Ion Ratio Lower Upper

42 100

72 47.1 32.8 49.2

71 43.4 31.0 46.4



#30

Chloroform

Concen: 20.177 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY015460.D

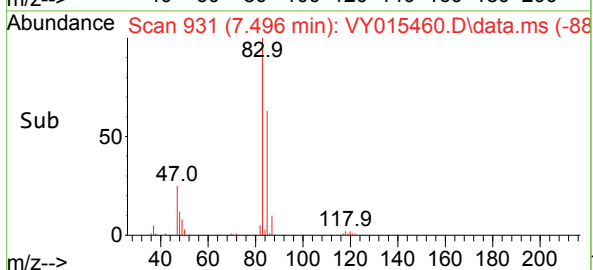
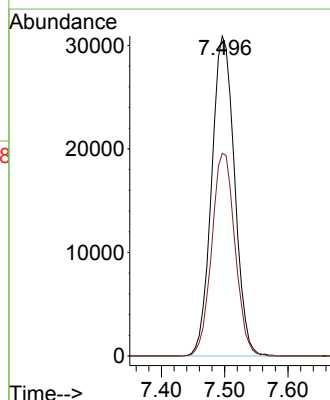
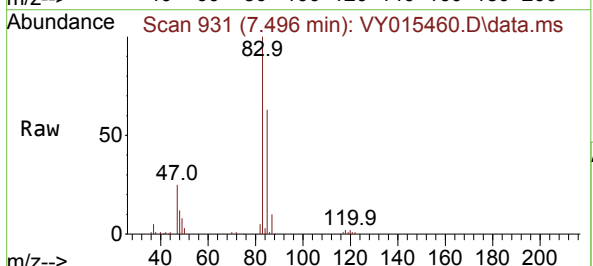
Acq: 07 Sep 2023 10:35

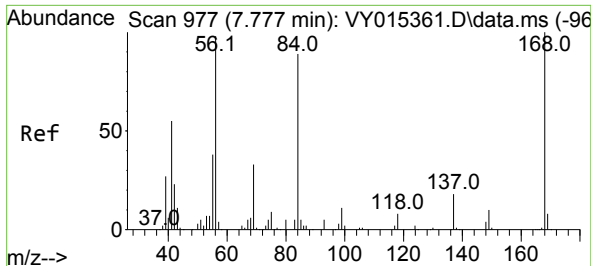
Tgt Ion: 83 Resp: 77598

Ion Ratio Lower Upper

83 100

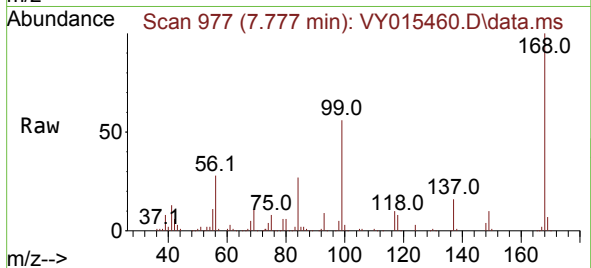
85 63.3 49.7 74.5



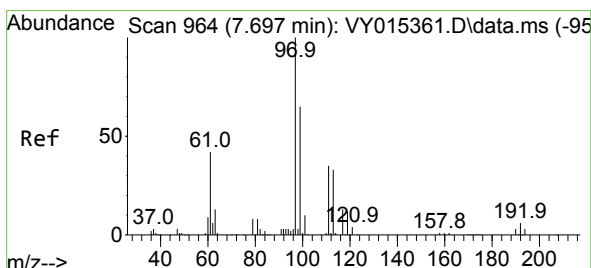
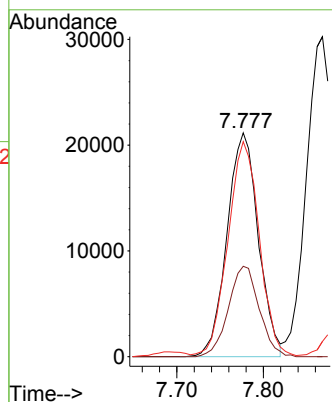
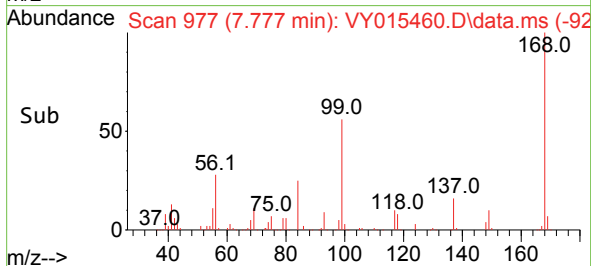


#31
Cyclohexane
Concen: 15.250 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :

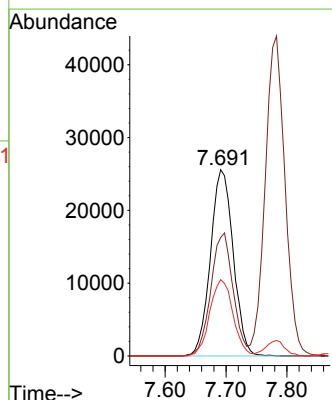
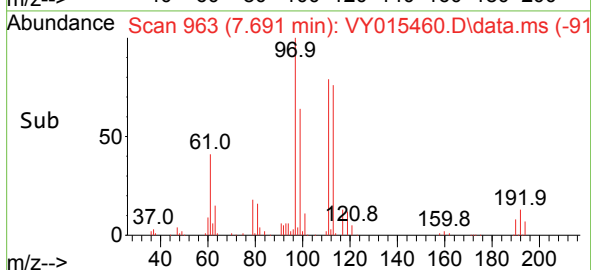
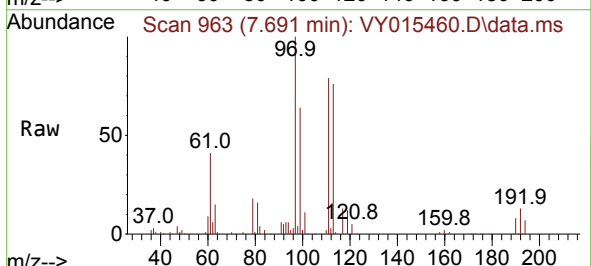


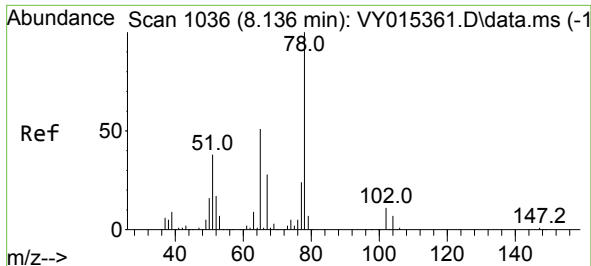
Tgt Ion: 56 Resp: 53091
Ion Ratio Lower Upper
56 100
69 40.4 27.8 41.6
84 94.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 19.351 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 97 Resp: 66472
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 41.7 35.1 52.7

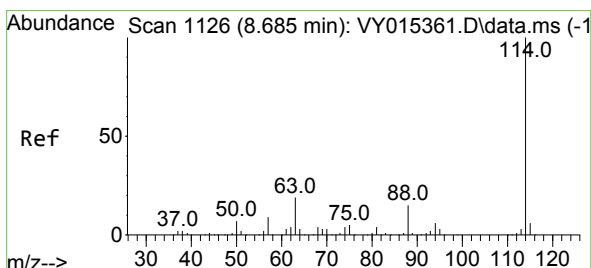
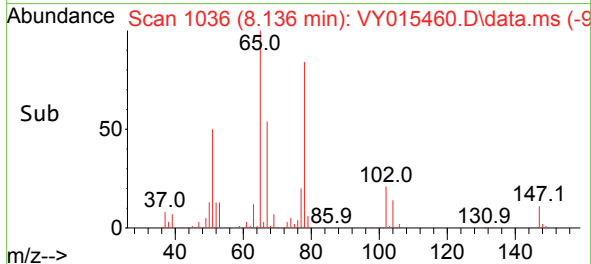
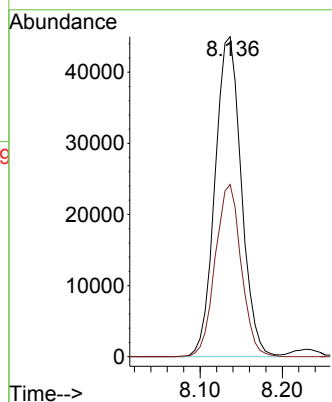
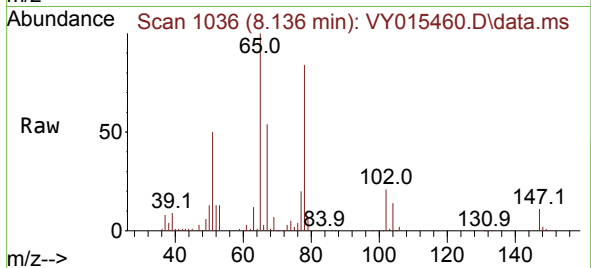




#33
 1,2-Dichloroethane-d4
 Concen: 51.108 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. -0.000 min
 Lab File: VY015460.D
 Acq: 07 Sep 2023 10:35

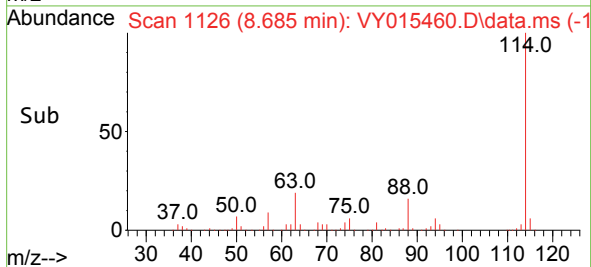
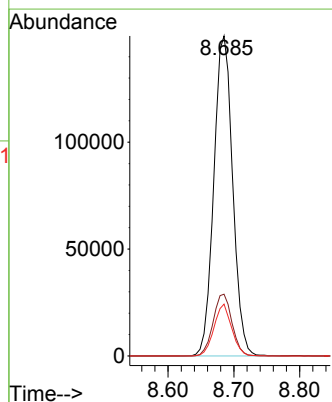
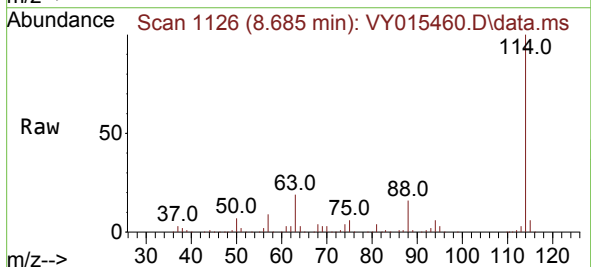
Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 65 Resp: 100165
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VY015460.D
 Acq: 07 Sep 2023 10:35

Tgt Ion:114 Resp: 298950
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 42.4
 88 16.2 0.0 30.6

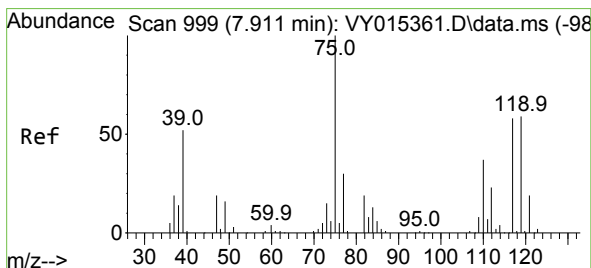
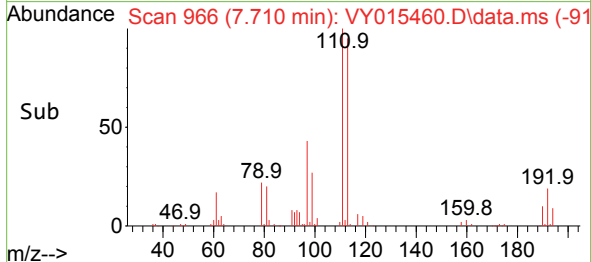
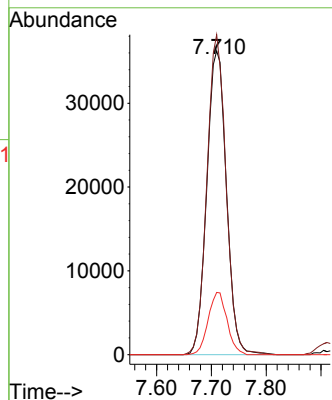
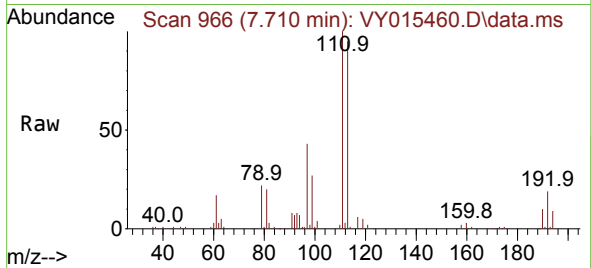




#35
Dibromofluoromethane
Concen: 52.282 ug/l
RT: 7.710 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

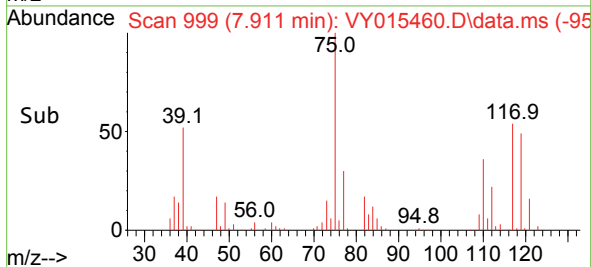
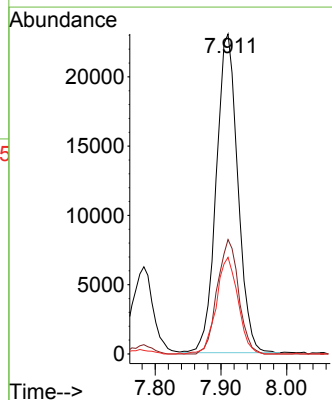
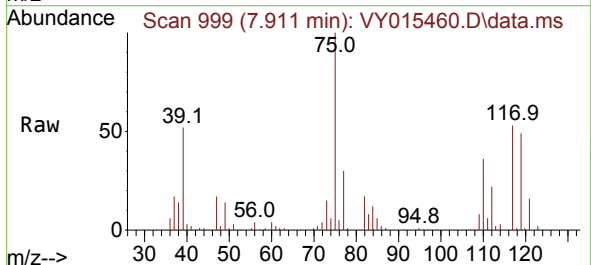
Instrument :
MSVOA_Y
ClientSampleId :

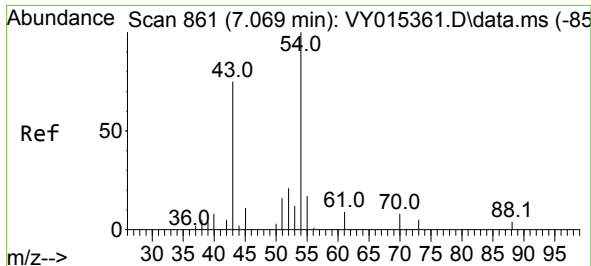
Tgt Ion:113 Resp: 90023
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 17.392 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 75 Resp: 52584
Ion Ratio Lower Upper
75 100
110 35.6 17.8 53.5
77 30.4 24.4 36.6





#37

Ethyl Acetate

Concen: 20.513 ug/l

RT: 7.063 min Scan# 861

Delta R.T. -0.000 min

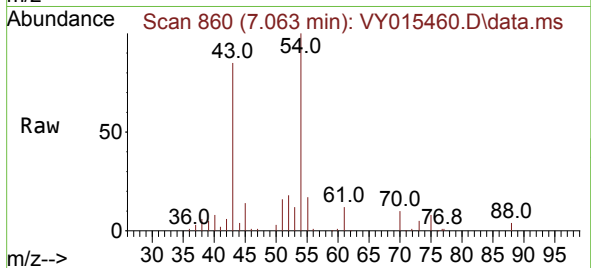
Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

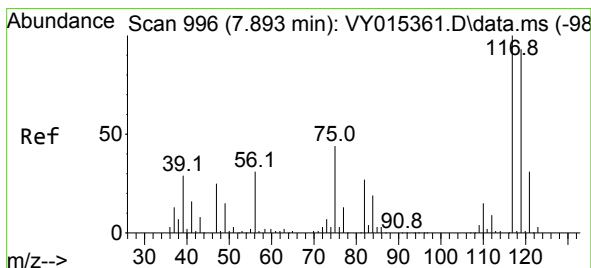
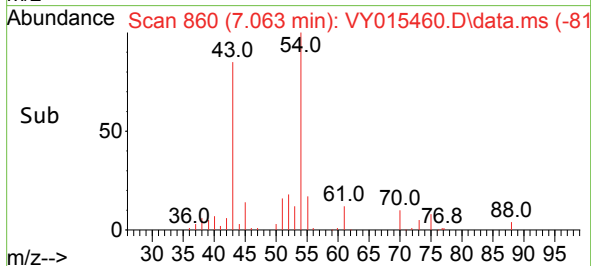
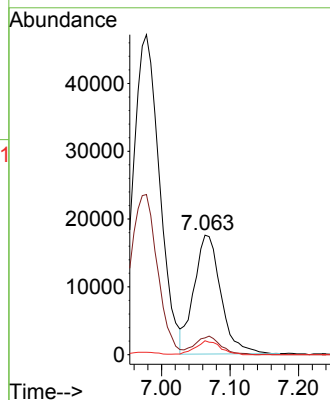
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 47832
Ion Ratio	Lower Upper
43	100
61	14.7 10.1 15.1
70	10.7 7.1 10.7



#38

Carbon Tetrachloride

Concen: 18.369 ug/l

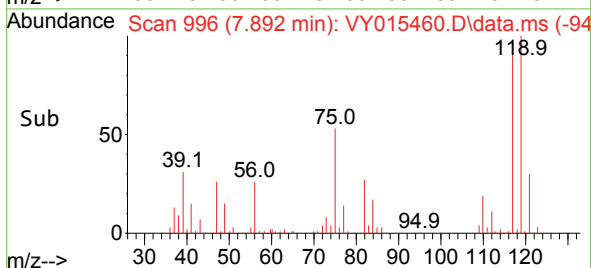
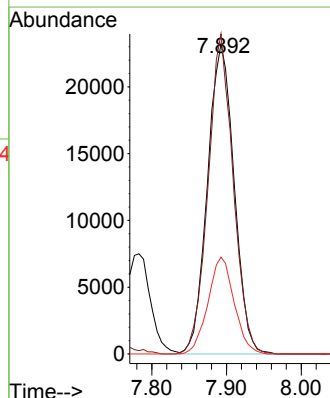
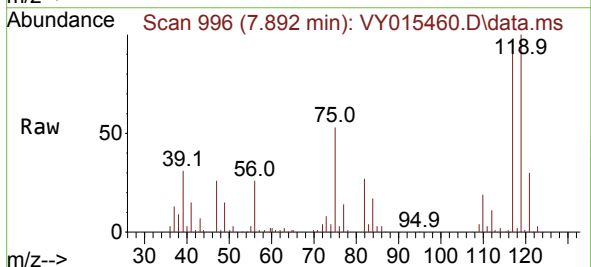
RT: 7.892 min Scan# 996

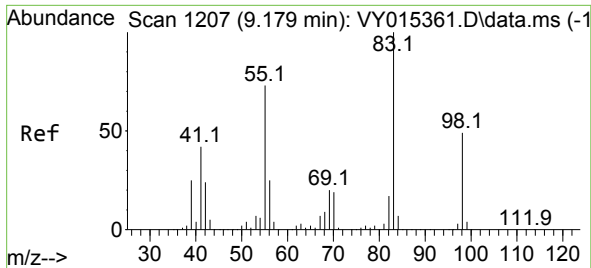
Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Tgt Ion: 117	Resp: 57359
Ion Ratio	Lower Upper
117	100
119	103.2 76.4 114.6
121	31.2 25.8 38.6





#39

Methylcyclohexane

Concen: 15.690 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

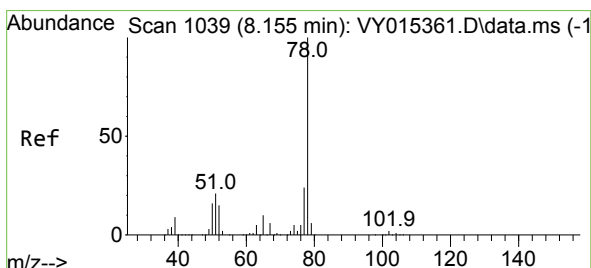
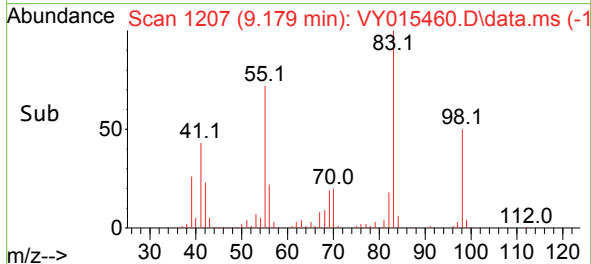
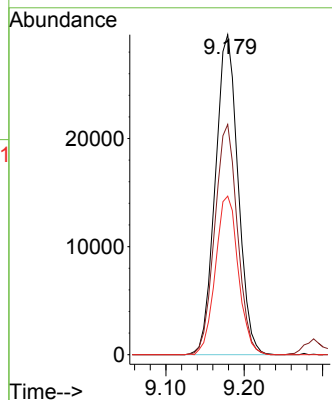
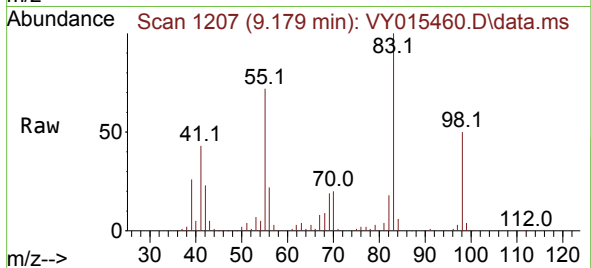
Tgt Ion: 83 Resp: 59723

Ion Ratio Lower Upper

83 100

55 72.0 63.0 94.4

98 49.5 37.4 56.2



#40

Benzene

Concen: 18.499 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015460.D

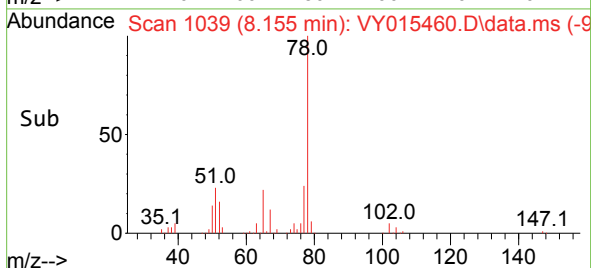
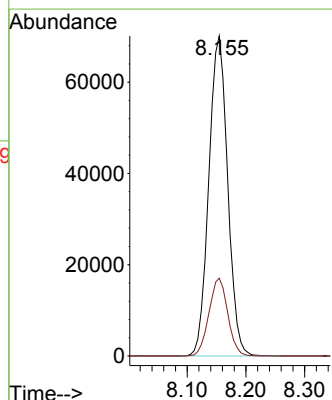
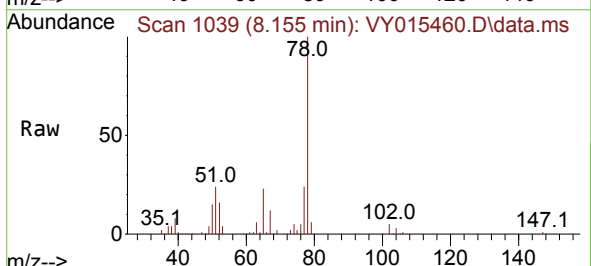
Acq: 07 Sep 2023 10:35

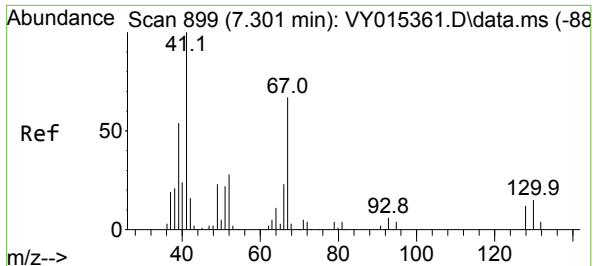
Tgt Ion: 78 Resp: 156046

Ion Ratio Lower Upper

78 100

77 24.3 19.0 28.6

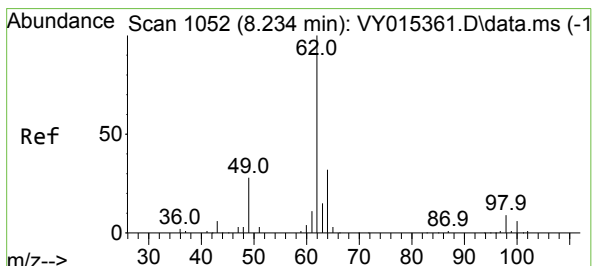
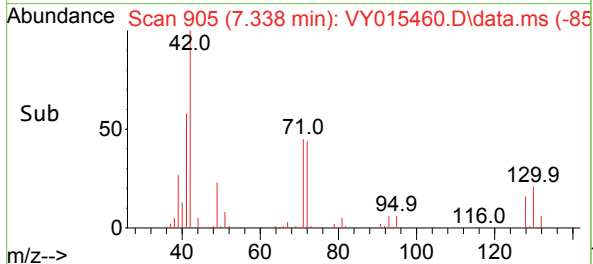
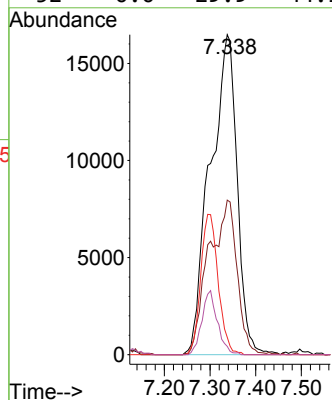
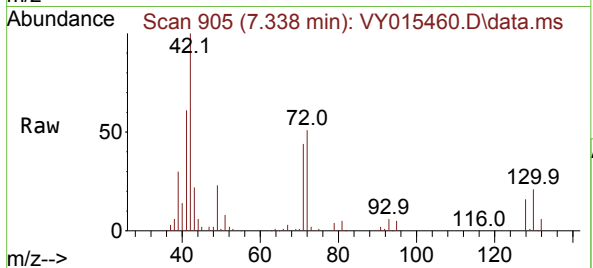




#41
Methacrylonitrile
Concen: 61.657 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.024 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

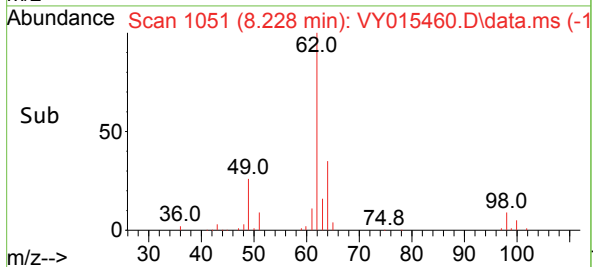
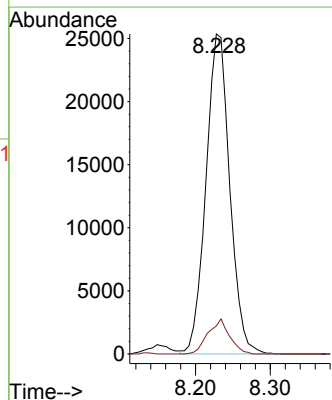
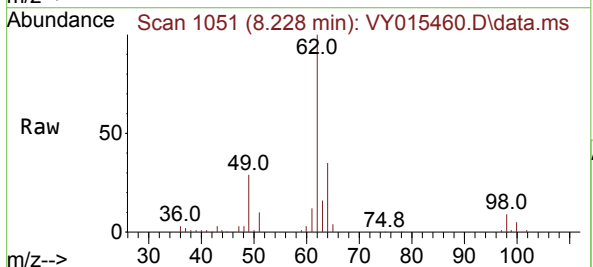
Instrument :
MSVOA_Y
ClientSampleId :

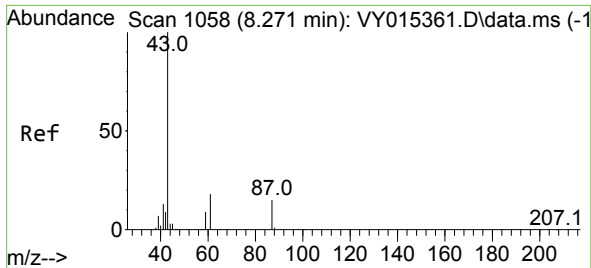
Tgt Ion: 41 Resp: 67421
Ion Ratio Lower Upper
41 100
39 27.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 19.982 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

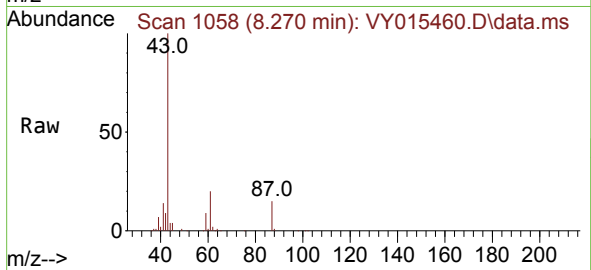
Tgt Ion: 62 Resp: 56206
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8



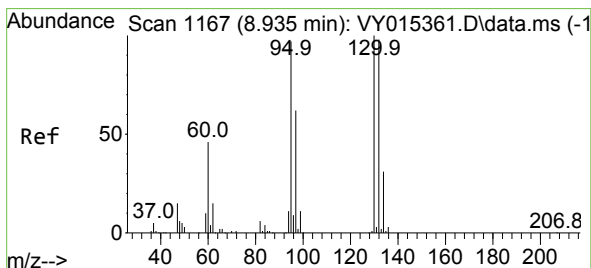
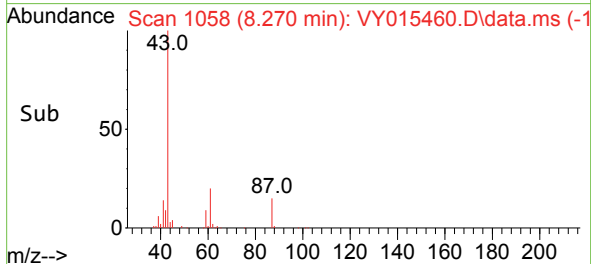
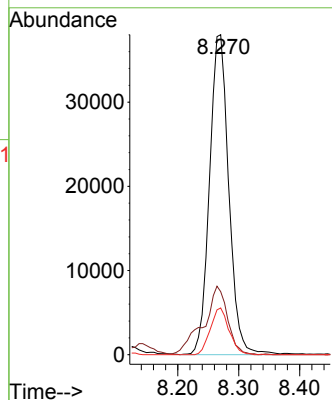


#43
Isopropyl Acetate
Concen: 20.701 ug/l
RT: 8.270 min Scan# 1105
Delta R.T. 0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Instrument :
MSVOA_Y
ClientSampleId :

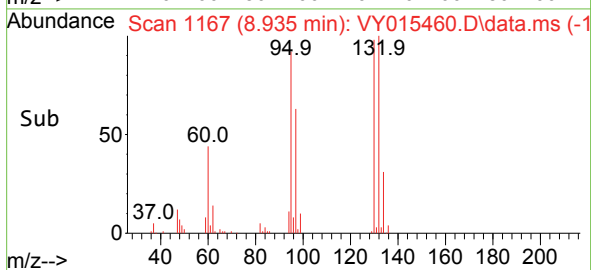
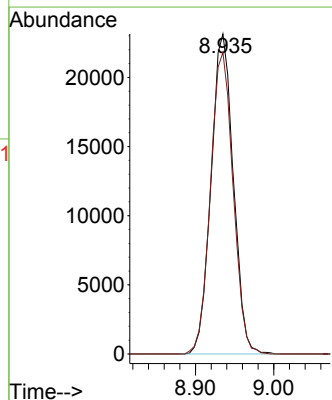
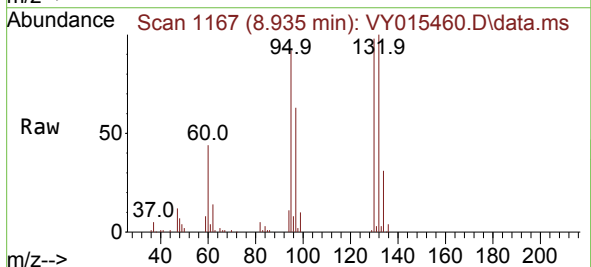


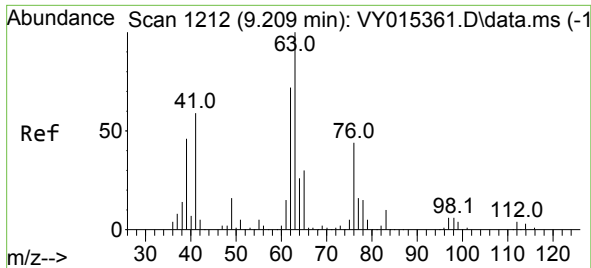
Tgt Ion	Ratio	Lower	Upper
43	100		
61	27.1	21.1	31.7
87	14.1	9.8	14.8



#44
Trichloroethene
Concen: 19.116 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	196.0

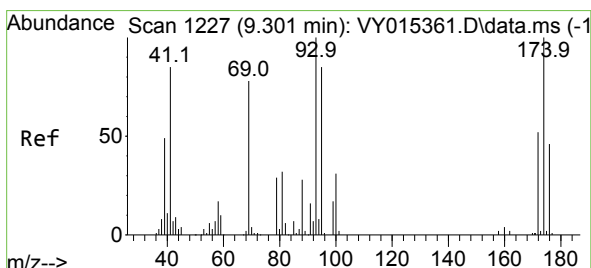
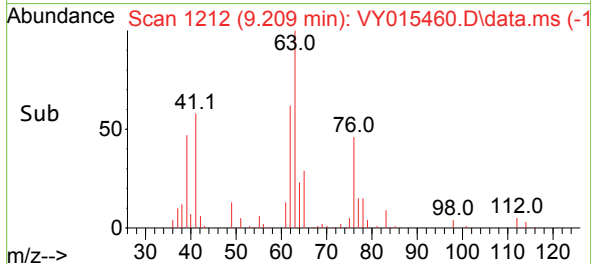
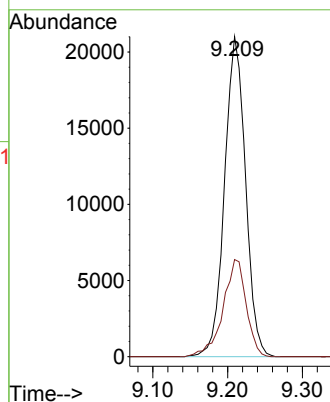
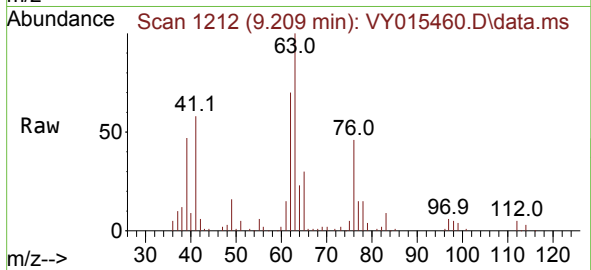




#45
1,2-Dichloropropane
Concen: 19.305 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

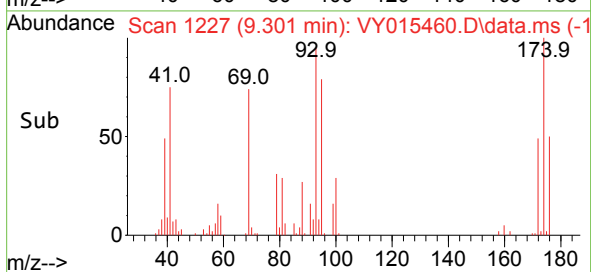
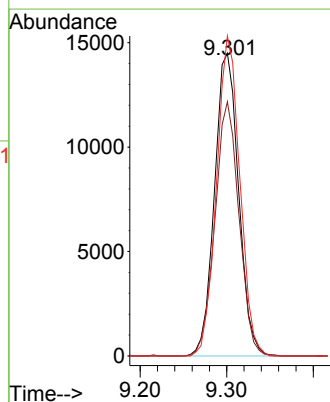
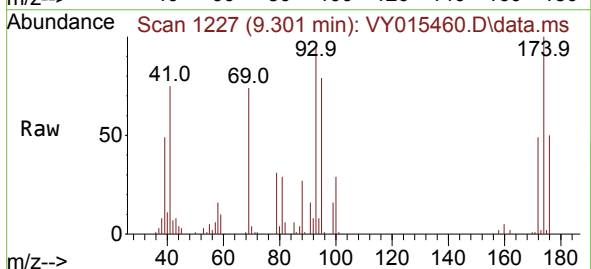
Instrument :
MSVOA_Y
ClientSampleId :

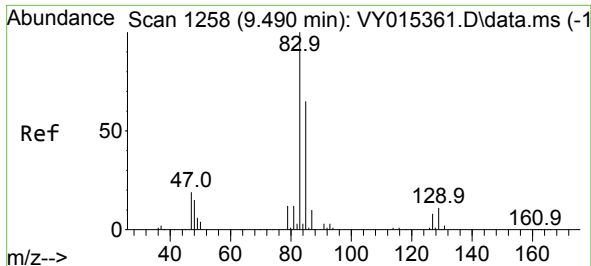
Tgt Ion: 63 Resp: 41051
Ion Ratio Lower Upper
63 100
65 30.4 23.8 35.6



#46
Dibromomethane
Concen: 19.801 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 93 Resp: 27970
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 102.2 84.8 127.2

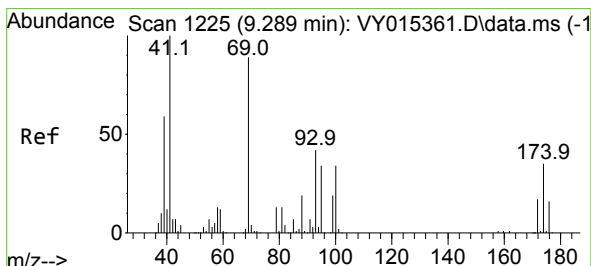
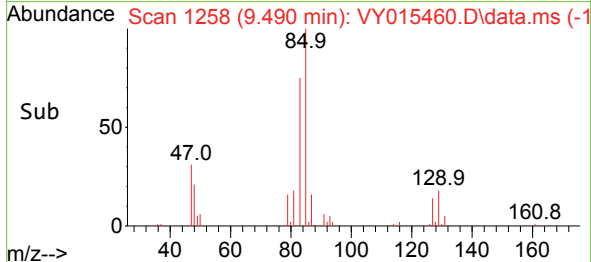
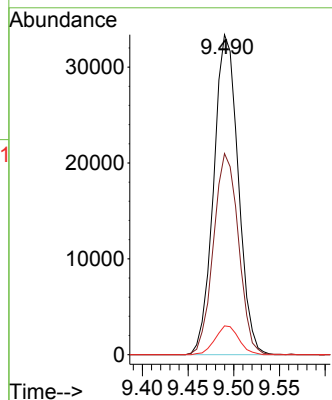
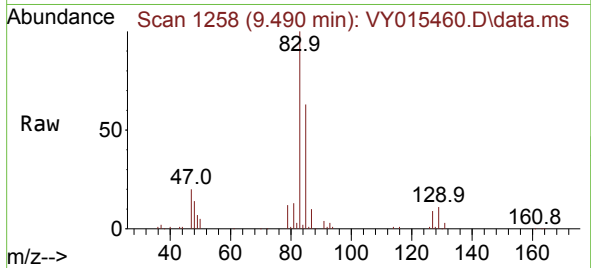




#47
Bromodichloromethane
Concen: 20.654 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

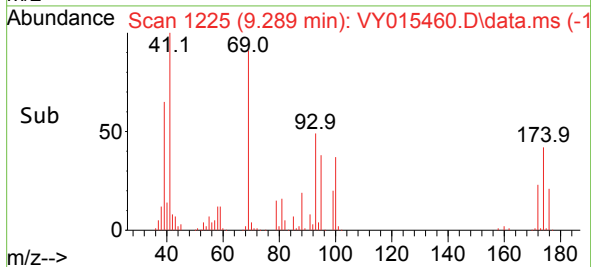
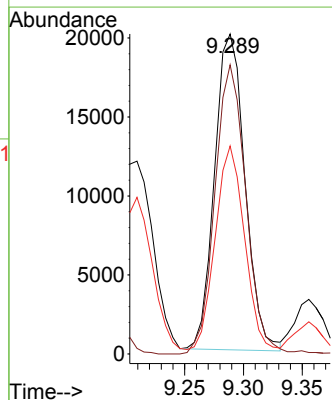
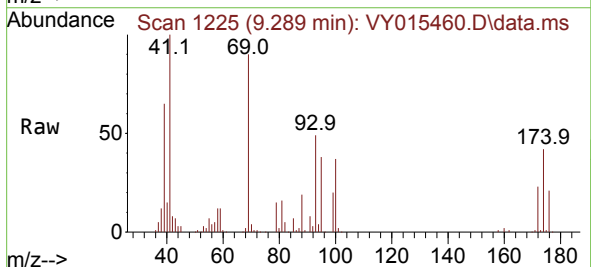
Instrument :
MSVOA_Y
ClientSampleId :

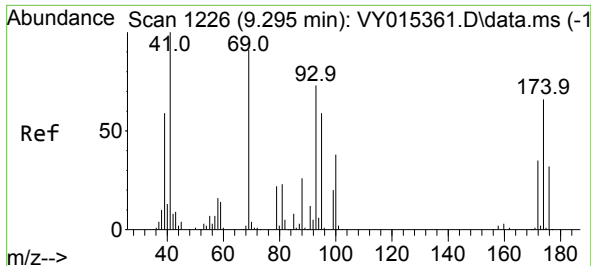
Tgt Ion: 83 Resp: 62391
Ion Ratio Lower Upper
83 100
85 62.8 50.1 75.1
127 9.0 7.1 10.7



#48
Methyl methacrylate
Concen: 19.479 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 41 Resp: 36038
Ion Ratio Lower Upper
41 100
69 93.6 64.5 96.7
39 64.6 50.8 76.2





#49

1,4-Dioxane

Concen: 435.339 ug/l

RT: 9.295 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

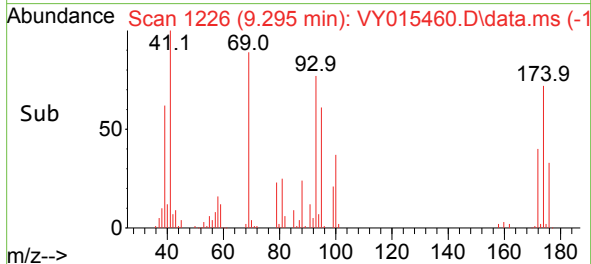
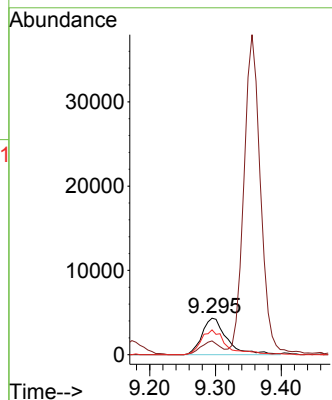
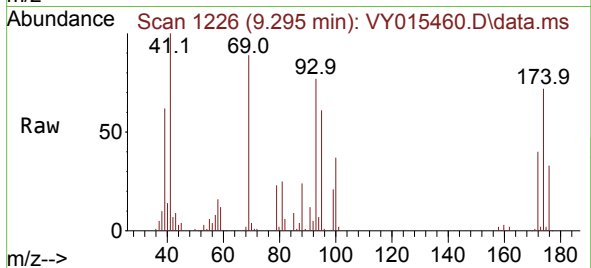
Tgt Ion: 88 Resp: 11422

Ion Ratio Lower Upper

88 100

43 28.3 0.0 0.0#

58 69.0 30.9 46.3#



#50

Toluene-d8

Concen: 49.487 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.006 min

Lab File: VY015460.D

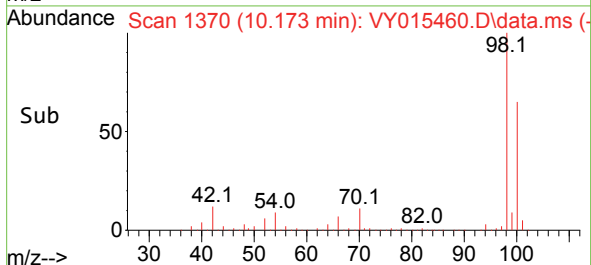
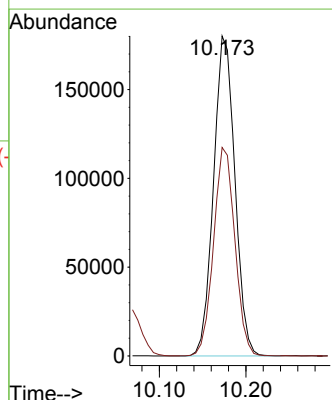
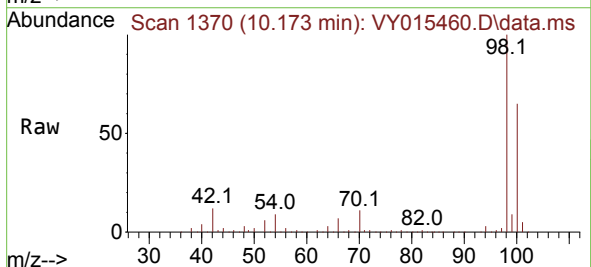
Acq: 07 Sep 2023 10:35

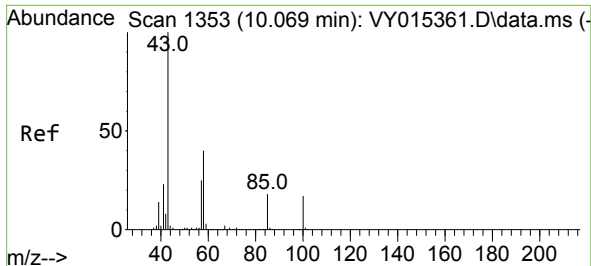
Tgt Ion: 98 Resp: 308581

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

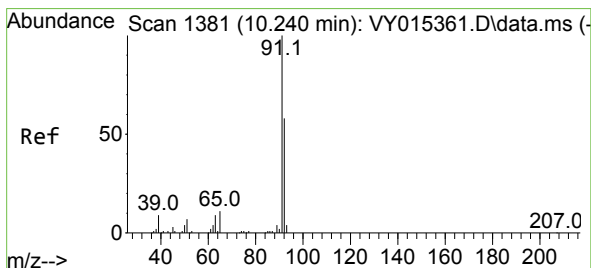
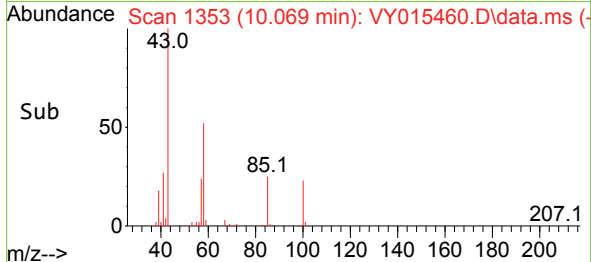
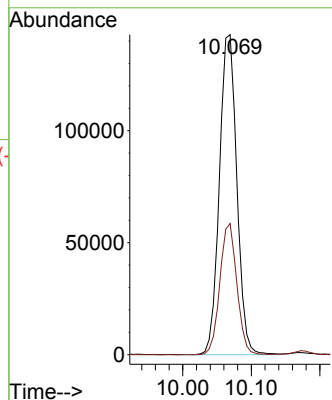
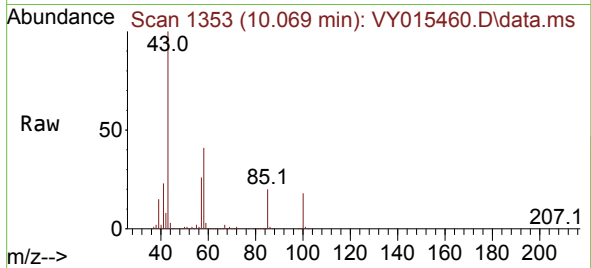




#51
4-Methyl-2-Pentanone
Concen: 107.518 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

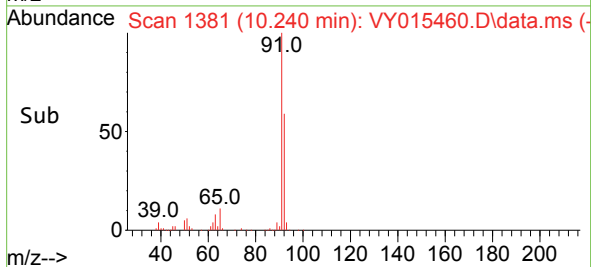
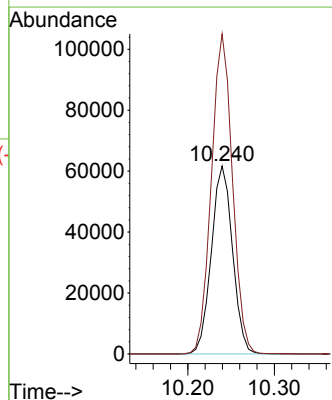
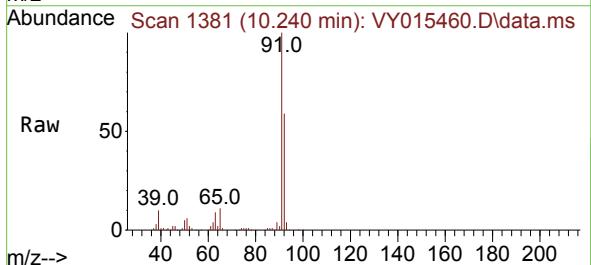
Instrument :
MSVOA_Y
ClientSampleId :

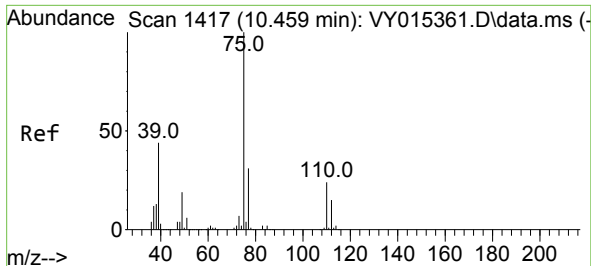
Tgt Ion: 43 Resp: 251982
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 19.366 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 92 Resp: 104705
Ion Ratio Lower Upper
92 100
91 169.6 143.8 215.6

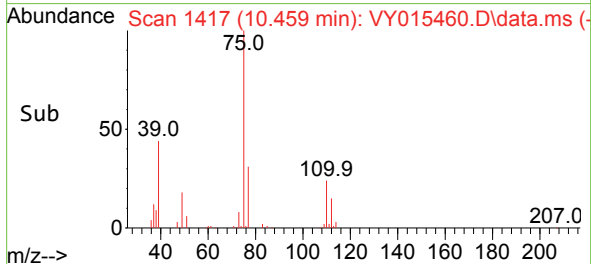
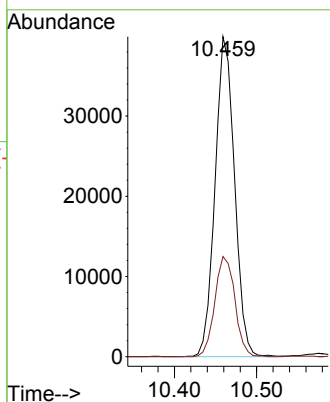
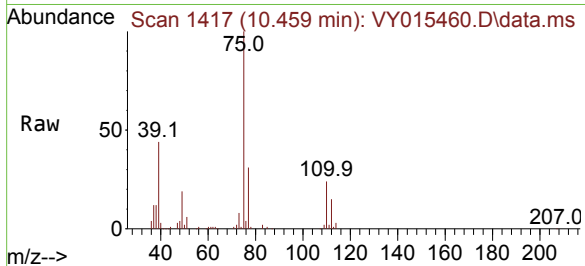




#53
t-1,3-Dichloropropene
Concen: 20.470 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

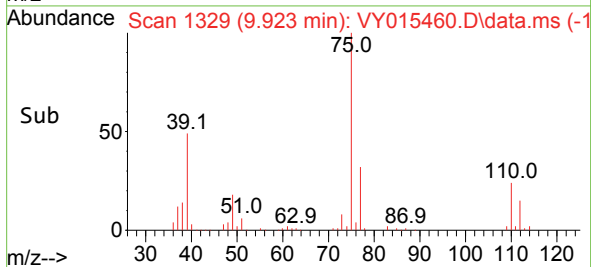
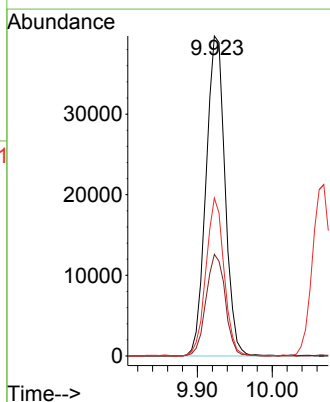
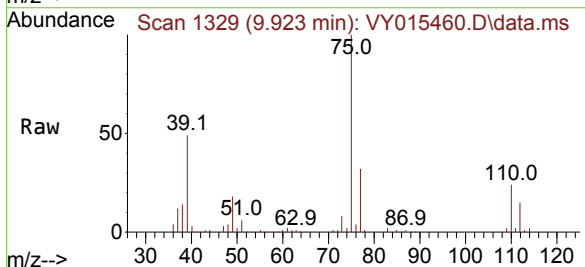
Instrument :
MSVOA_Y
ClientSampleId :

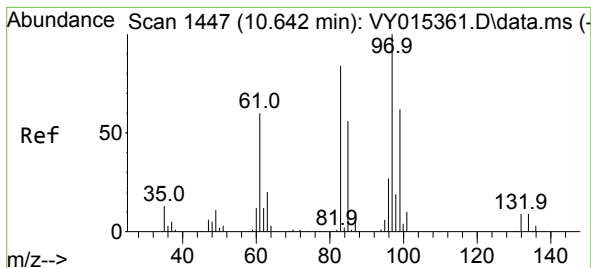
Tgt Ion: 75 Resp: 65713
Ion Ratio Lower Upper
75 100
77 31.3 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 20.143 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 75 Resp: 70342
Ion Ratio Lower Upper
75 100
77 31.8 24.2 36.4
39 49.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.954 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. -0.000 min

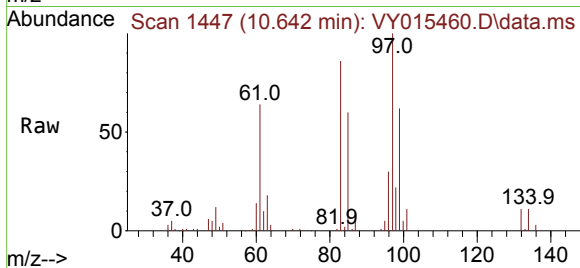
Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 39880

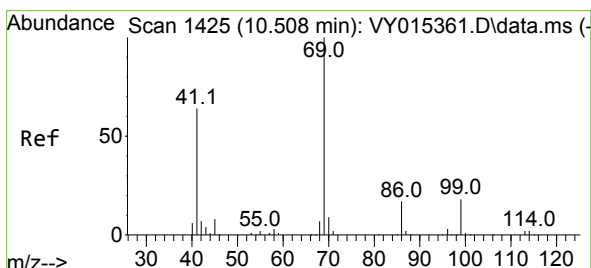
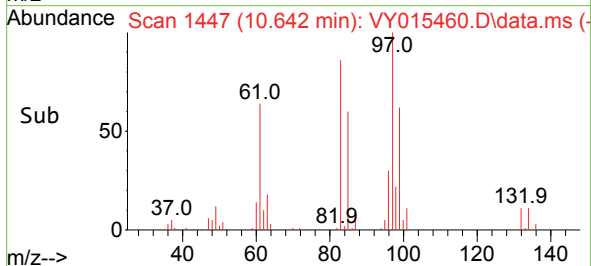
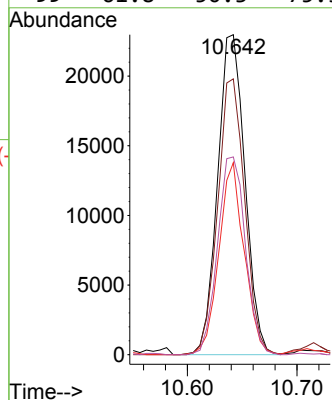
Ion Ratio Lower Upper

97 100

83 86.2 72.0 108.0

85 60.0 45.4 68.0

99 61.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 20.507 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

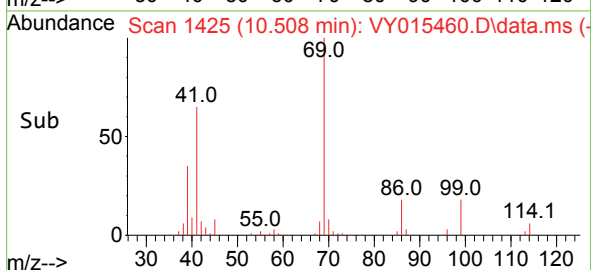
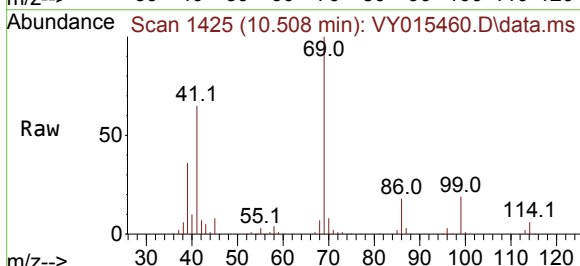
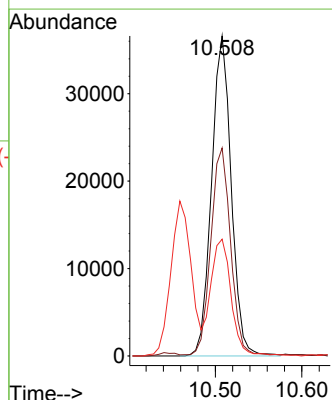
Tgt Ion: 69 Resp: 57838

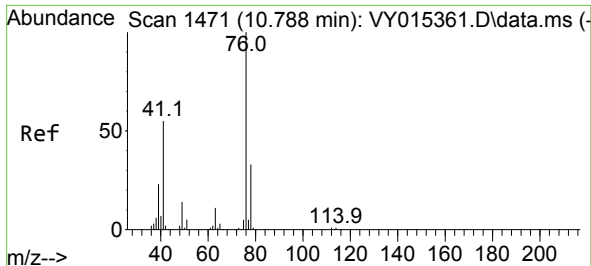
Ion Ratio Lower Upper

69 100

41 64.4 57.6 86.4

39 38.3 34.1 51.1





#57

1,3-Dichloropropane

Concen: 20.334 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

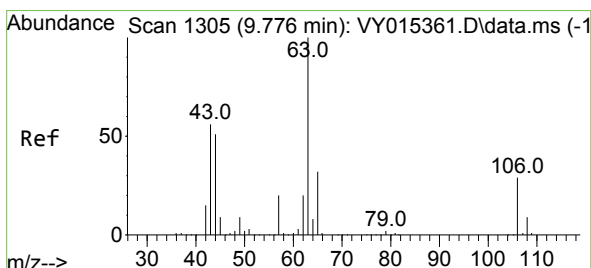
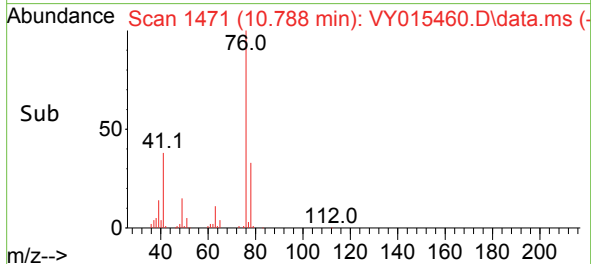
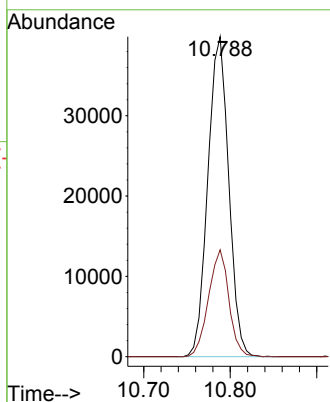
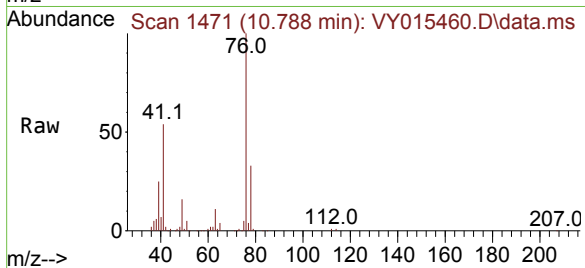
ClientSampleId :

Tgt Ion: 76 Resp: 66617

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 103.714 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY015460.D

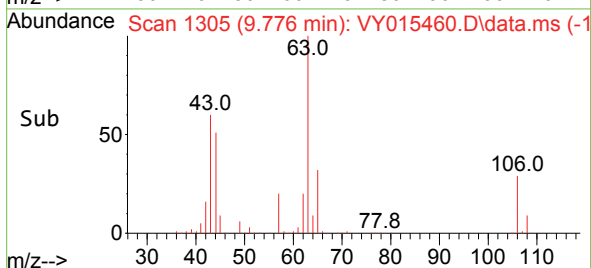
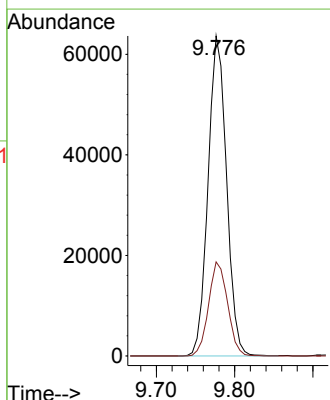
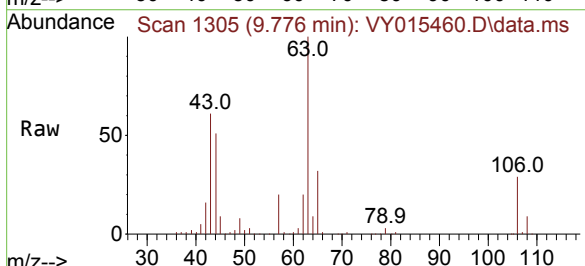
Acq: 07 Sep 2023 10:35

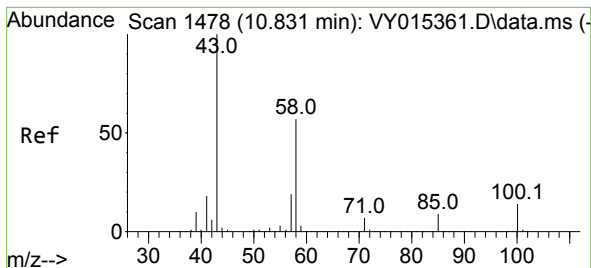
Tgt Ion: 63 Resp: 104409

Ion Ratio Lower Upper

63 100

106 30.1 21.2 31.8





#59

2-Hexanone

Concen: 108.961 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

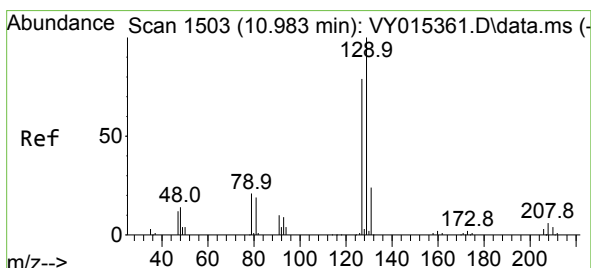
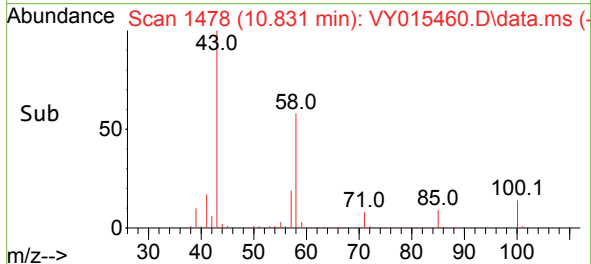
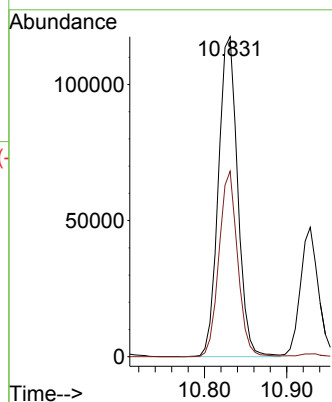
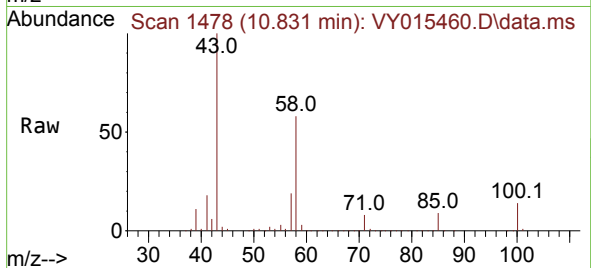
ClientSampleId :

Tgt Ion: 43 Resp: 191612

Ion Ratio Lower Upper

43 100

58 56.0 25.1 75.3



#60

Dibromochloromethane

Concen: 21.455 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. -0.000 min

Lab File: VY015460.D

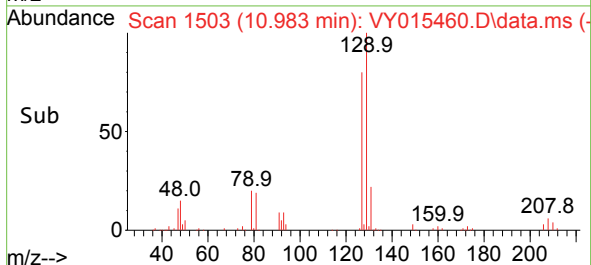
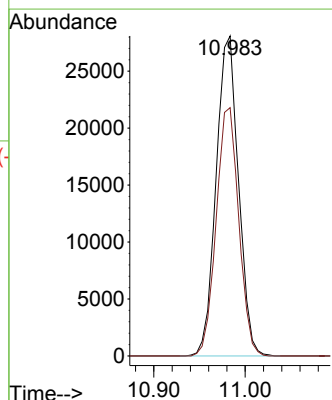
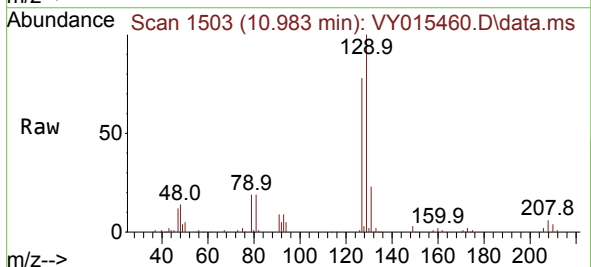
Acq: 07 Sep 2023 10:35

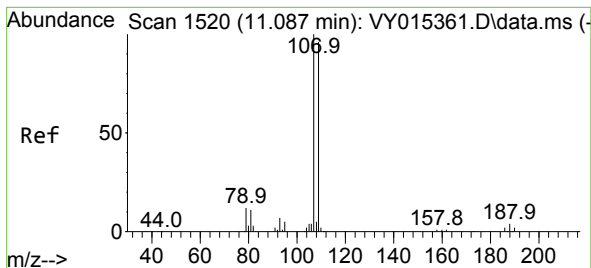
Tgt Ion: 129 Resp: 47794

Ion Ratio Lower Upper

129 100

127 78.2 38.5 115.5

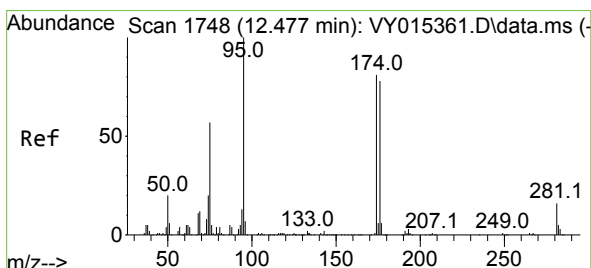
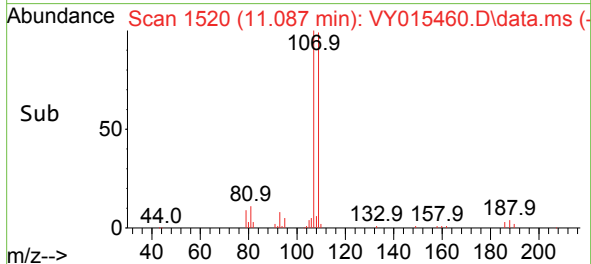
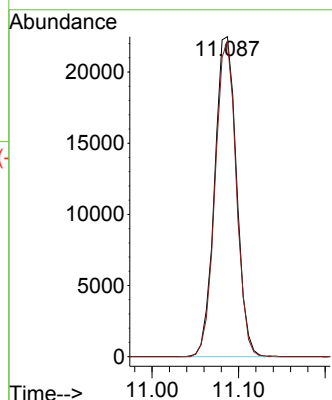
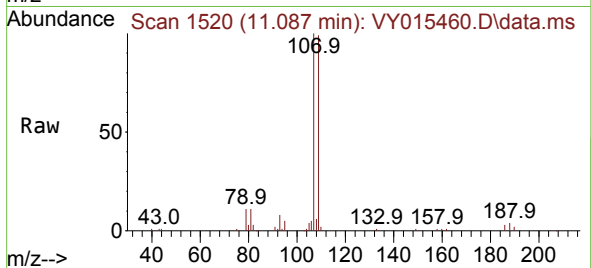




#61
1,2-Dibromoethane
Concen: 20.433 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

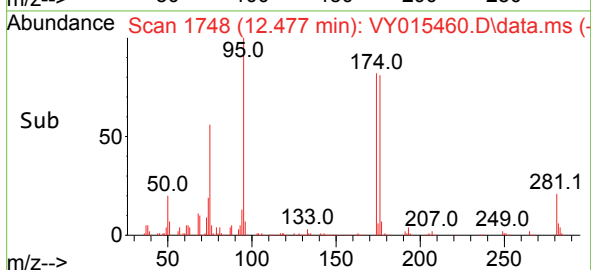
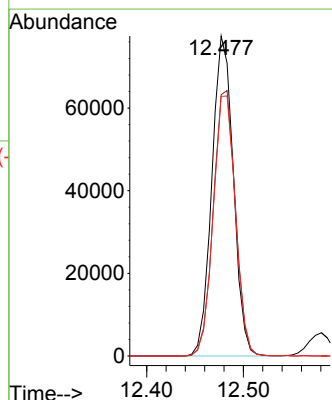
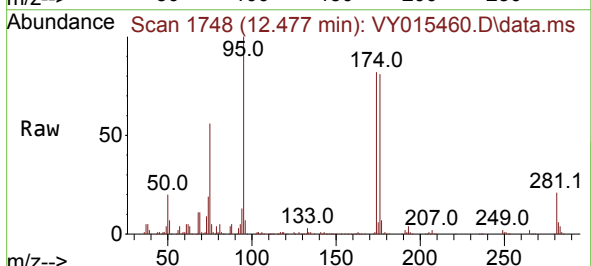
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 39406
Ion Ratio Lower Upper
107 100
109 95.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.397 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 95 Resp: 118979
Ion Ratio Lower Upper
95 100
174 85.4 0.0 178.2
176 84.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

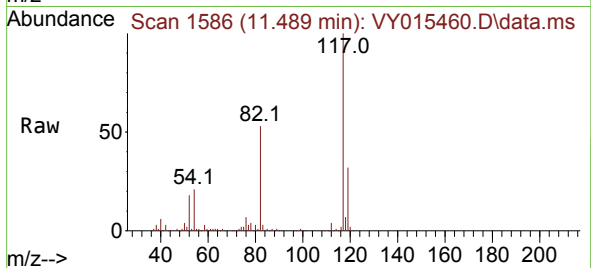
Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :



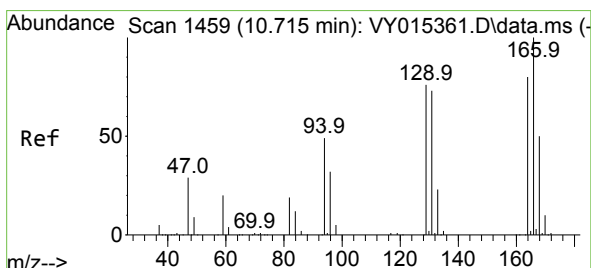
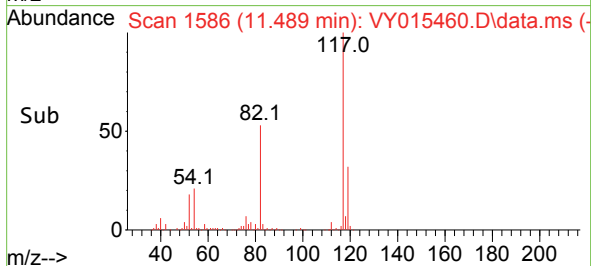
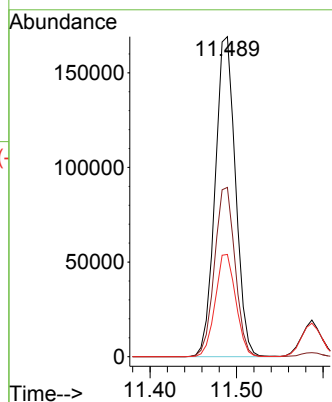
Tgt Ion:117 Resp: 276117

Ion Ratio Lower Upper

117 100

82 52.9 43.4 65.0

119 32.0 26.3 39.5



#64

Tetrachloroethene

Concen: 20.551 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Tgt Ion:164 Resp: 51504

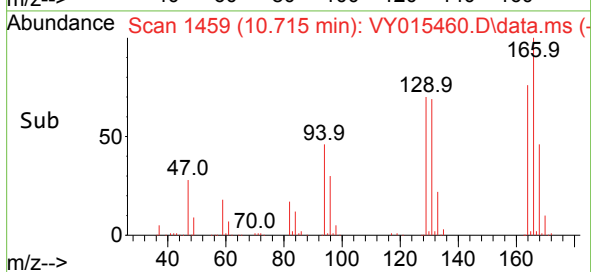
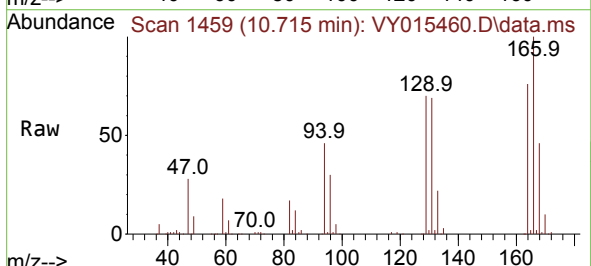
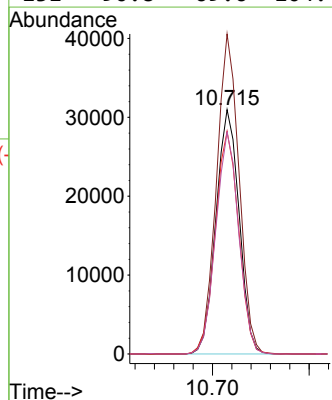
Ion Ratio Lower Upper

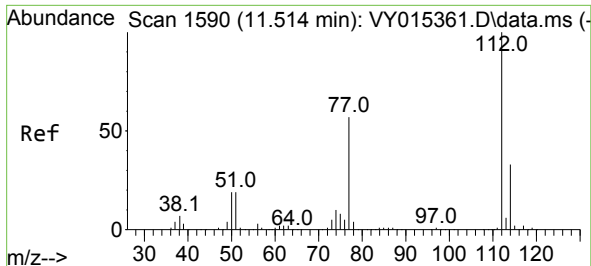
164 100

166 131.0 103.0 154.6

129 91.1 77.2 115.8

131 90.8 69.6 104.4

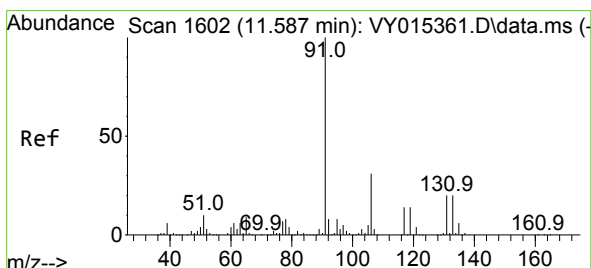
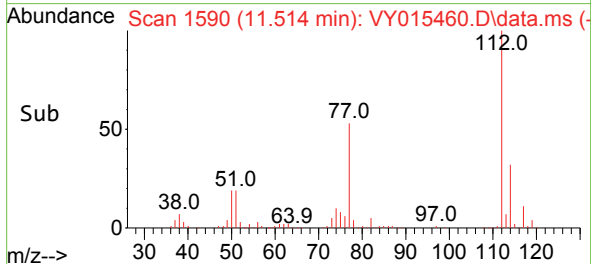
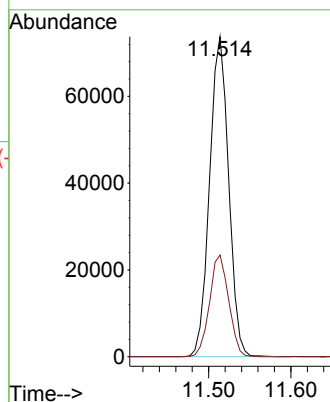
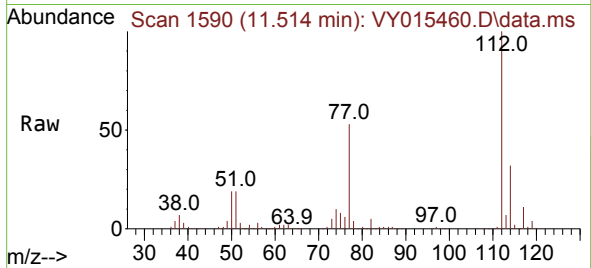




#65
Chlorobenzene
Concen: 19.938 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

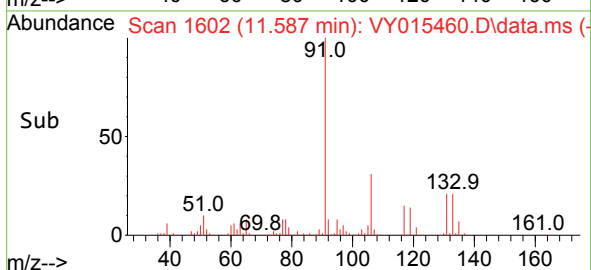
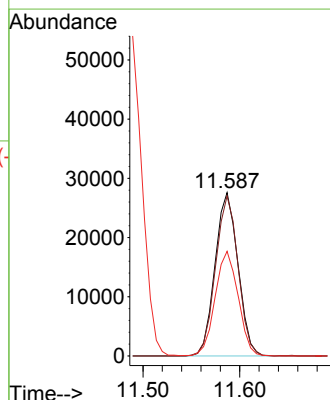
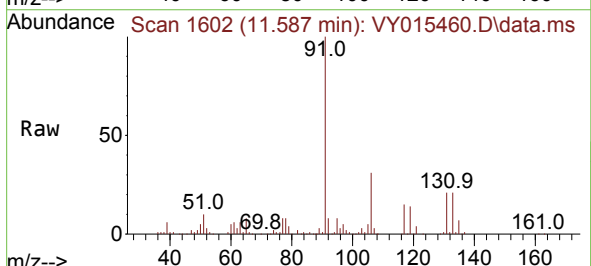
Instrument :
MSVOA_Y
ClientSampleId :

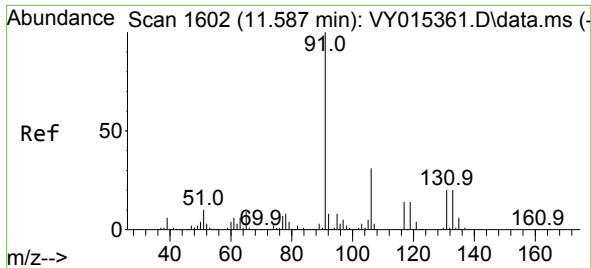
Tgt Ion:112 Resp: 118633
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.828 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion:131 Resp: 45360
Ion Ratio Lower Upper
131 100
133 96.5 47.5 142.6
119 64.5 31.6 94.7

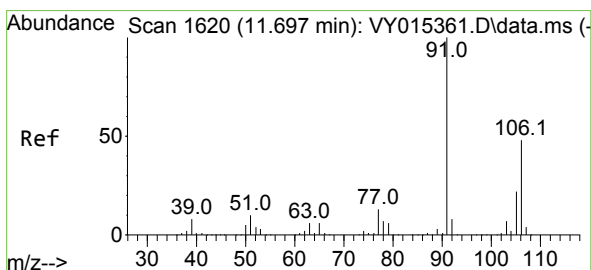
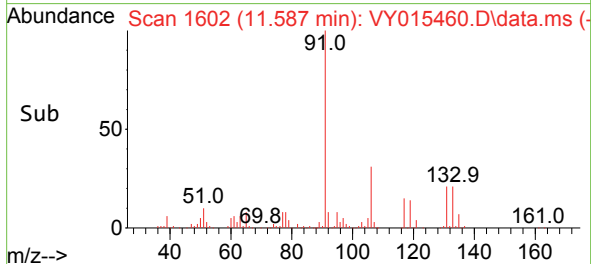
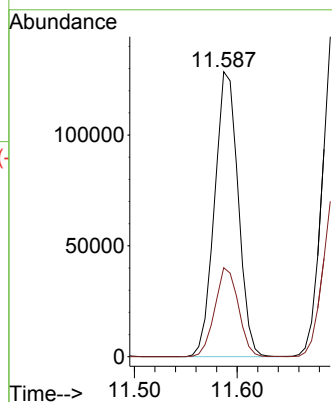
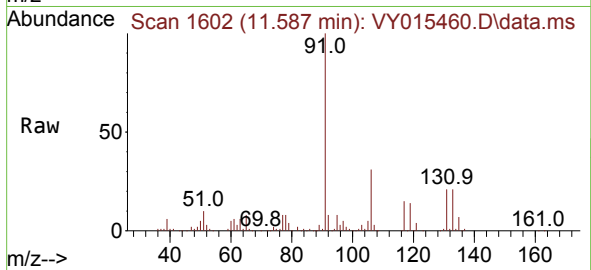




#67
Ethyl Benzene
Concen: 19.197 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

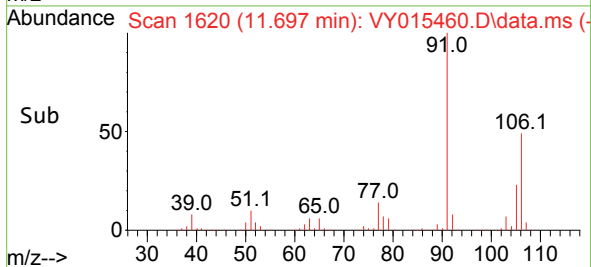
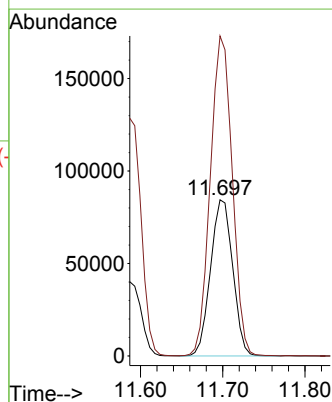
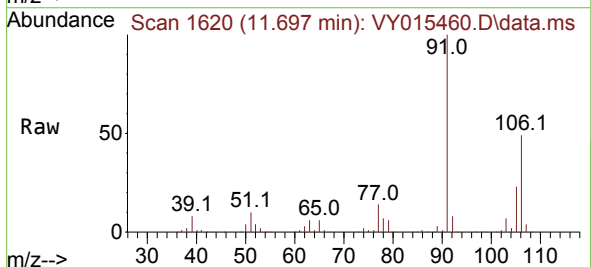
Instrument :
MSVOA_Y
ClientSampleId :

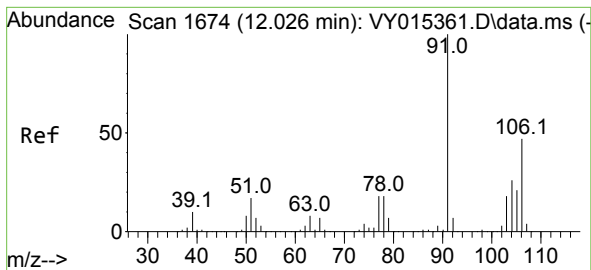
Tgt Ion: 91 Resp: 205097
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 38.233 ug/l
RT: 11.697 min Scan# 1620
Delta R.T. -0.006 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion:106 Resp: 158334
Ion Ratio Lower Upper
106 100
91 202.6 166.1 249.1





#69

o-Xylene

Concen: 19.741 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

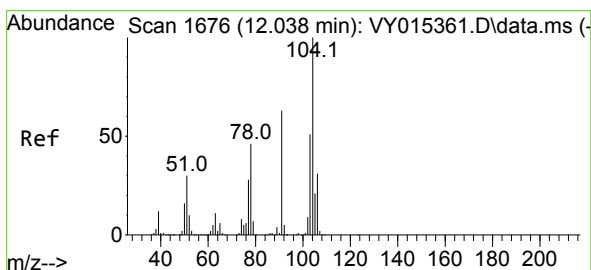
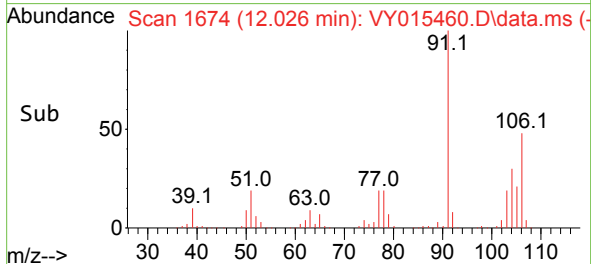
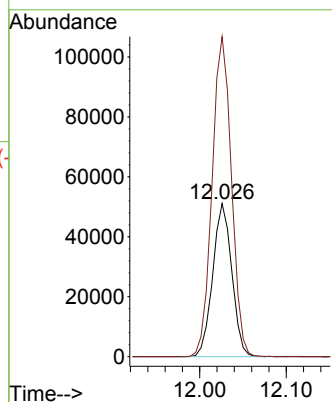
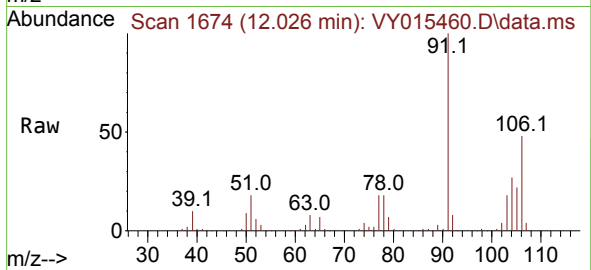
ClientSampleId :

Tgt Ion:106 Resp: 78132

Ion Ratio Lower Upper

106 100

91 212.2 108.1 324.3



#70

Styrene

Concen: 20.098 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

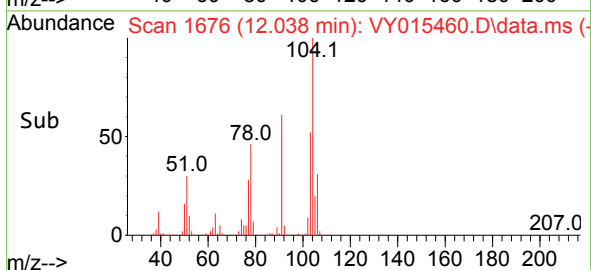
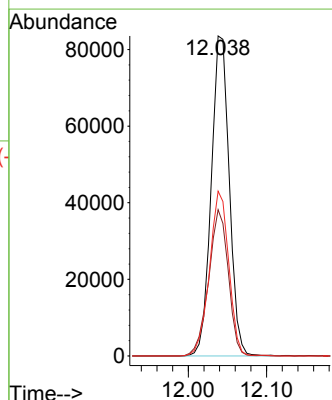
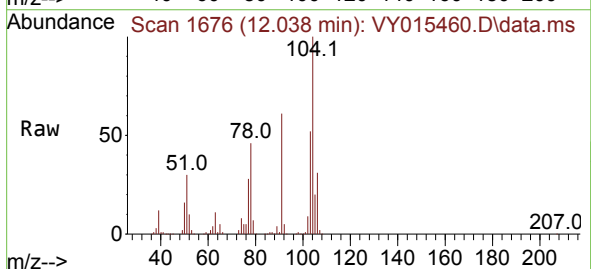
Tgt Ion:104 Resp: 133749

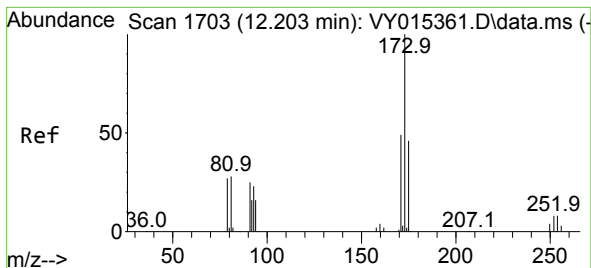
Ion Ratio Lower Upper

104 100

78 49.8 41.5 62.3

103 55.2 44.6 67.0





#71

Bromoform

Concen: 21.969 ug/l

RT: 12.203 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY015460.D

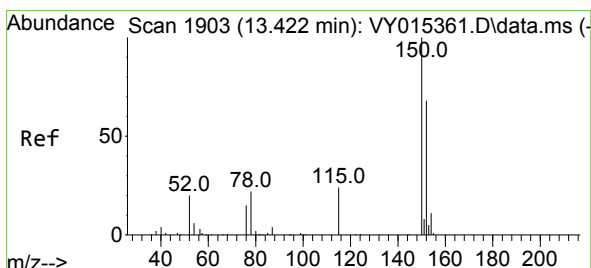
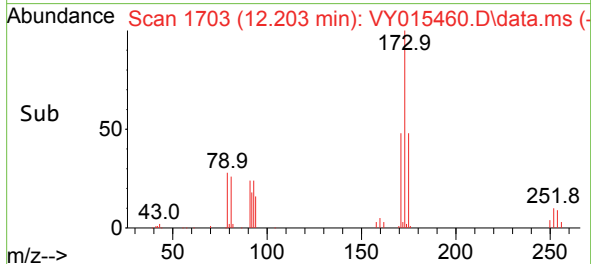
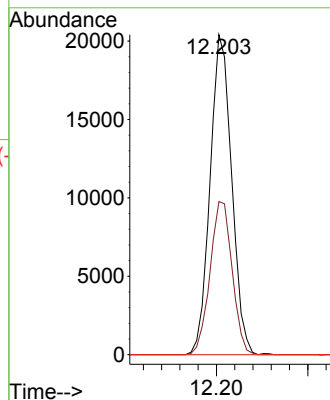
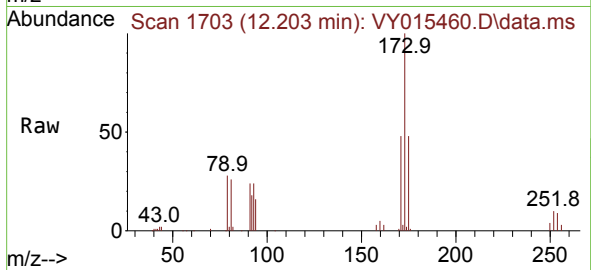
Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	33375
Ion Ratio	Lower	Upper
173	100	
175	49.1	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

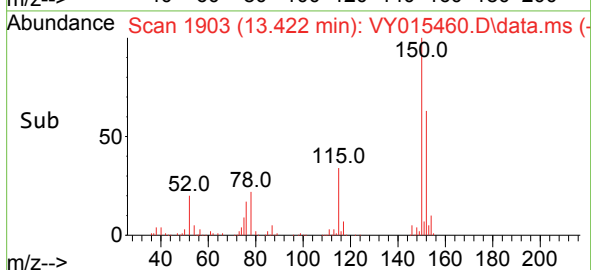
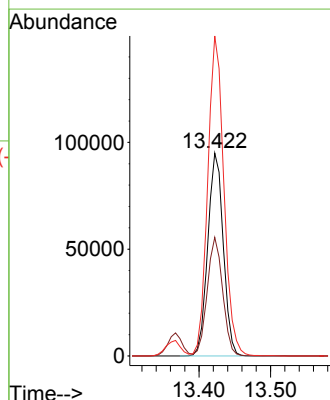
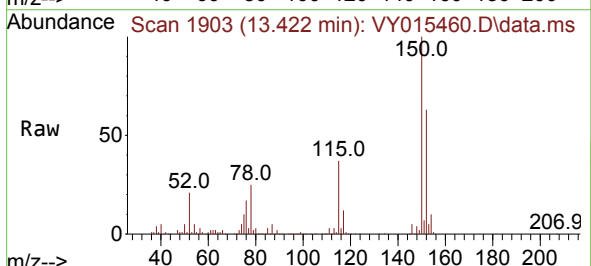
RT: 13.422 min Scan# 1903

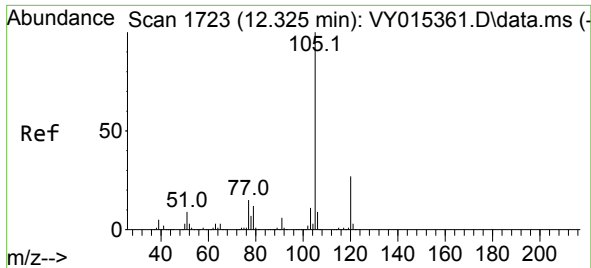
Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Tgt Ion:152	Resp:	143209
Ion Ratio	Lower	Upper
152	100	
115	58.1	28.8 86.5
150	164.2	0.0 348.8

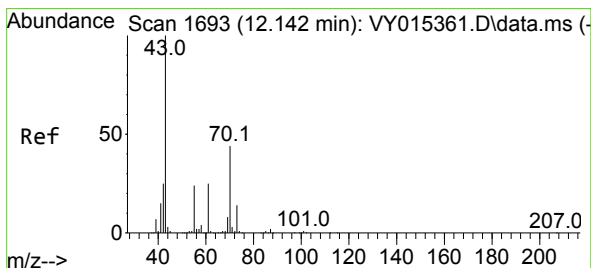
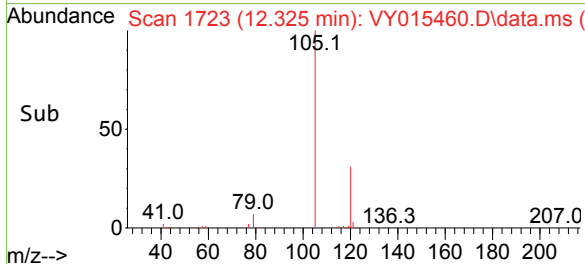
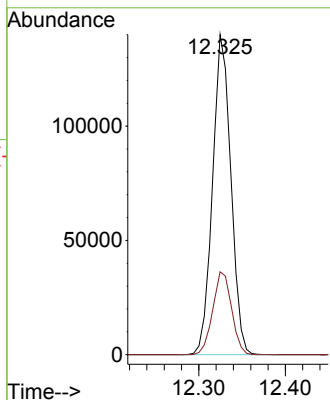
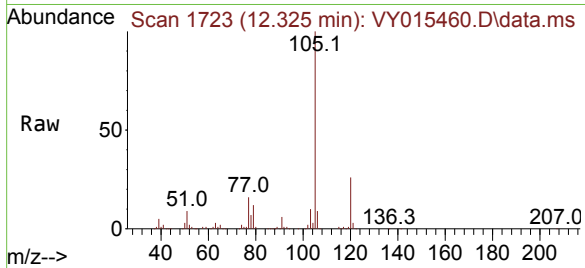




#73
Isopropylbenzene
Concen: 19.112 ug/l
RT: 12.325 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

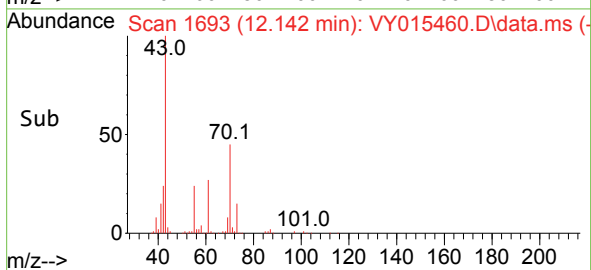
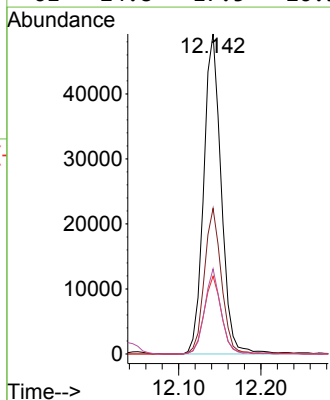
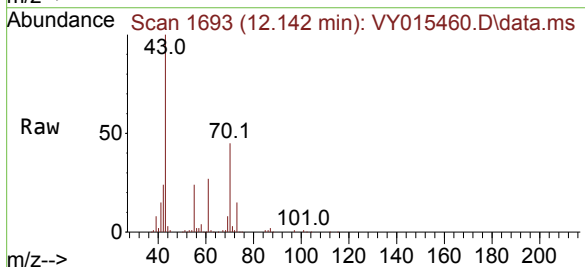
Instrument :
MSVOA_Y
ClientSampleId :

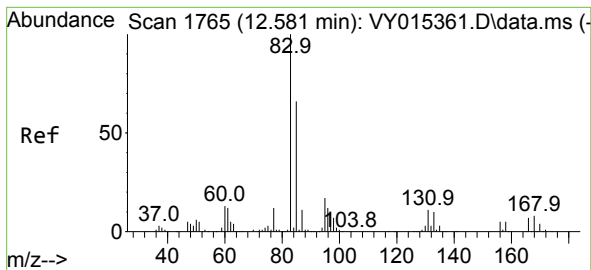
Tgt Ion:105 Resp: 205588
Ion Ratio Lower Upper
105 100
120 26.6 13.3 39.9



#74
N-ethyl acetate
Concen: 20.138 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion: 43 Resp: 72776
Ion Ratio Lower Upper
43 100
70 44.5 29.7 44.5
55 24.2 18.3 27.5
61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 20.215 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

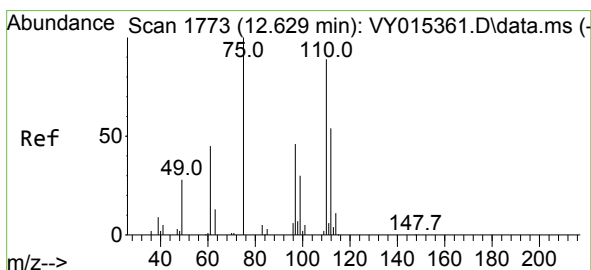
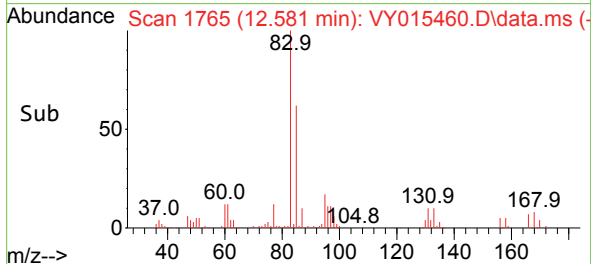
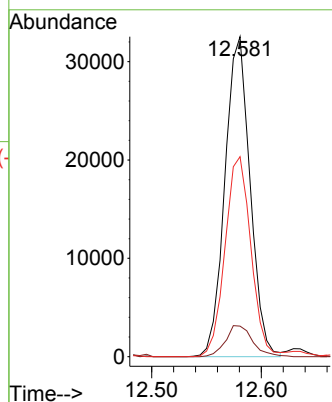
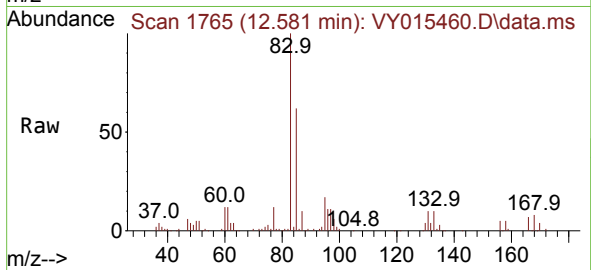
Tgt Ion: 83 Resp: 51910

Ion Ratio Lower Upper

83 100

131 10.5 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.295 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015460.D

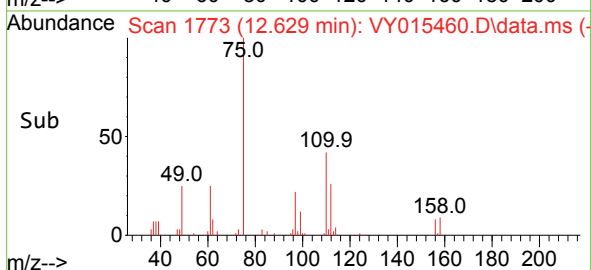
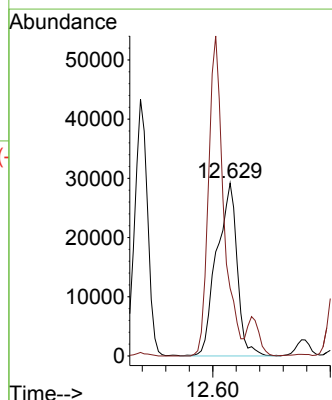
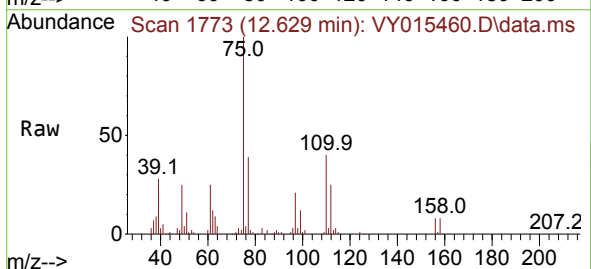
Acq: 07 Sep 2023 10:35

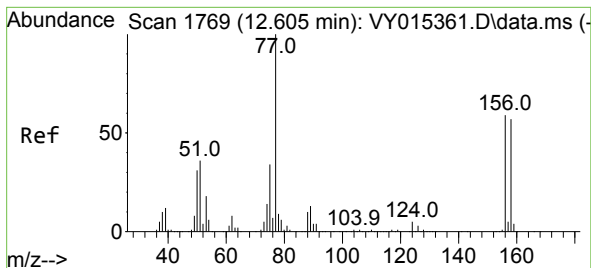
Tgt Ion: 75 Resp: 70827

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.217 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

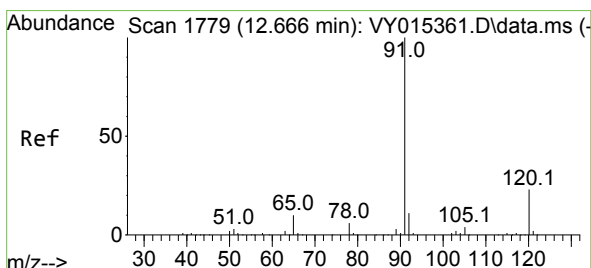
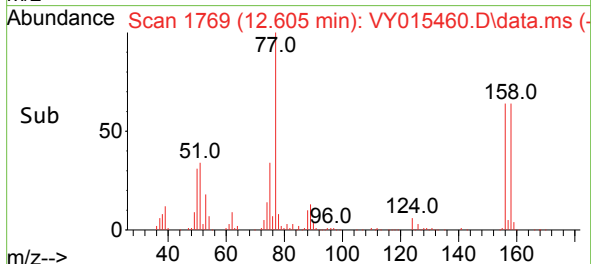
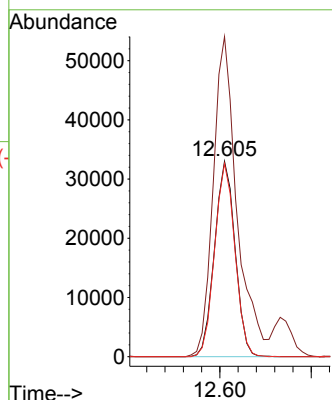
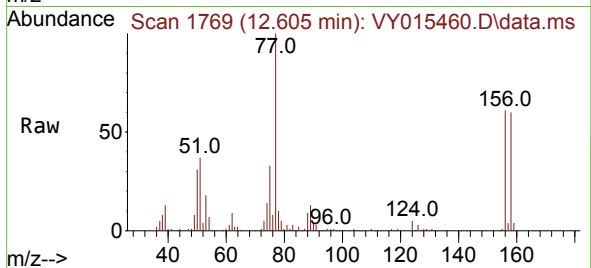
Tgt Ion:156 Resp: 51508

Ion Ratio Lower Upper

156 100

77 187.9 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 18.955 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY015460.D

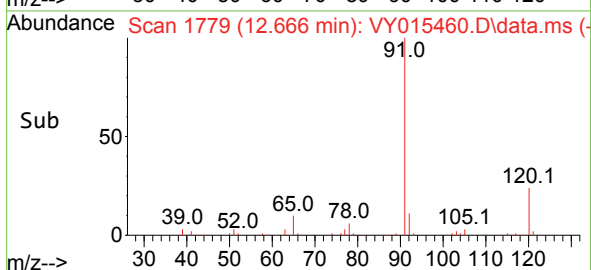
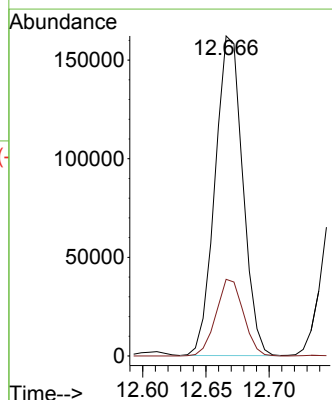
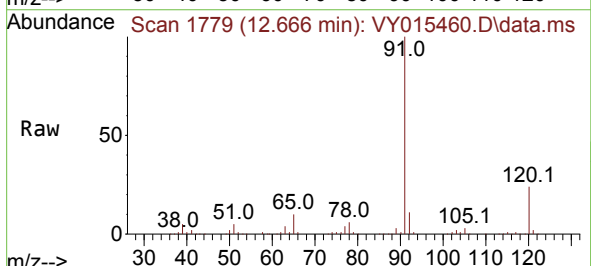
Acq: 07 Sep 2023 10:35

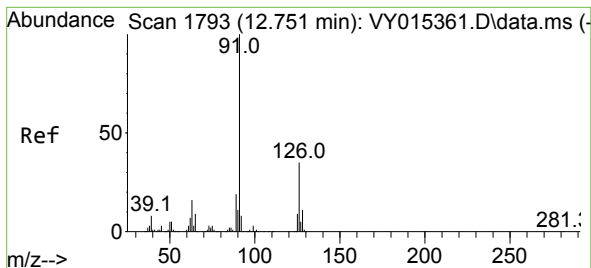
Tgt Ion: 91 Resp: 246716

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4

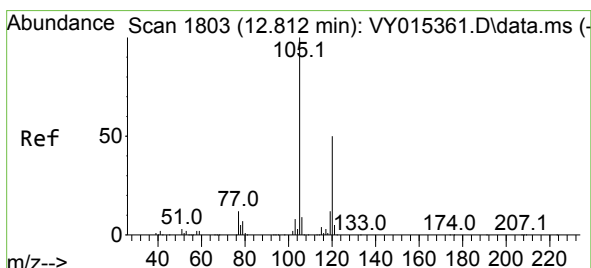
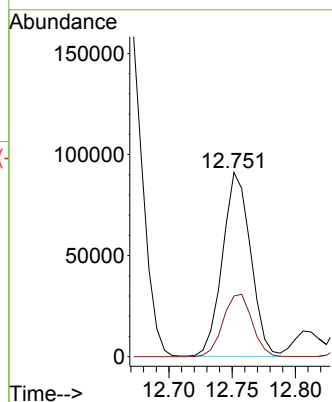
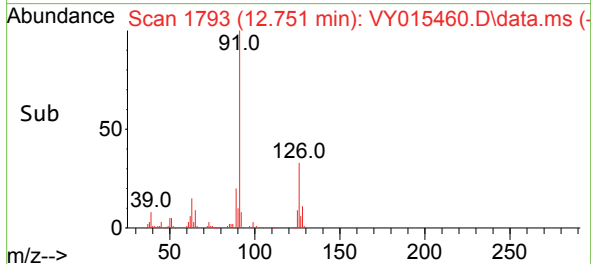
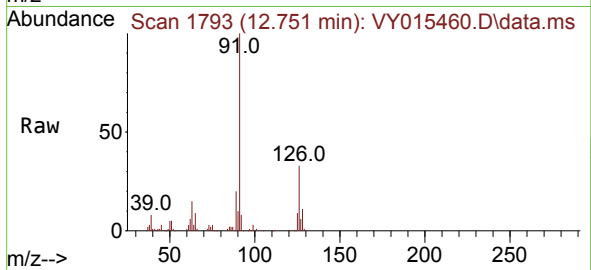




#79
2-Chlorotoluene
Concen: 19.338 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

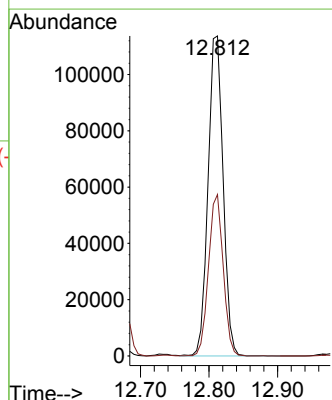
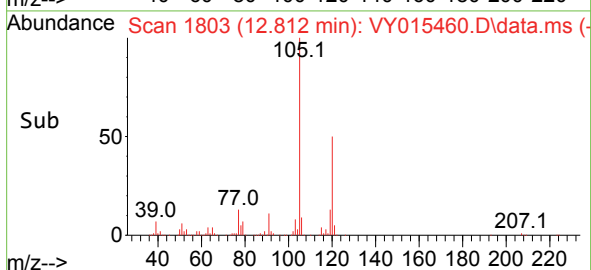
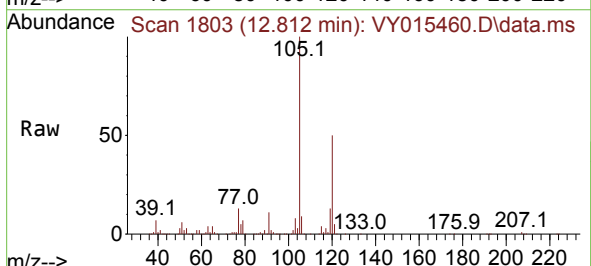
Instrument :
MSVOA_Y
ClientSampleId :

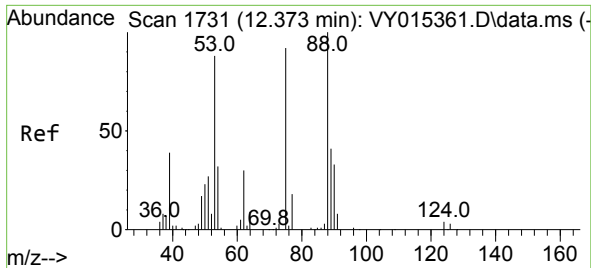
Tgt Ion: 91 Resp: 141176
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.304 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015460.D
Acq: 07 Sep 2023 10:35

Tgt Ion:105 Resp: 173683
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

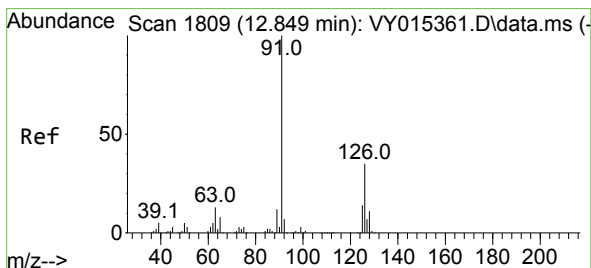
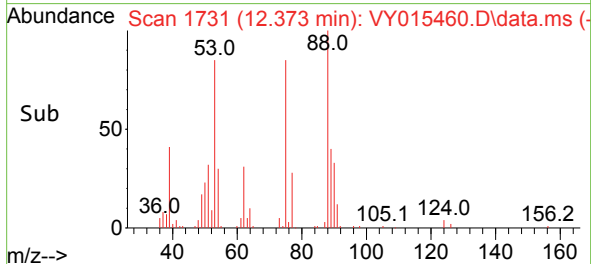
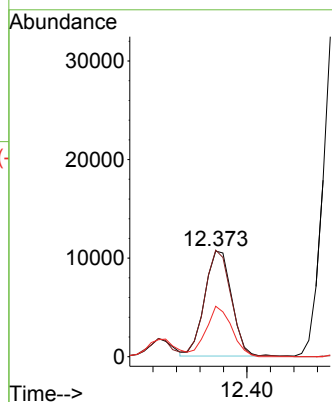
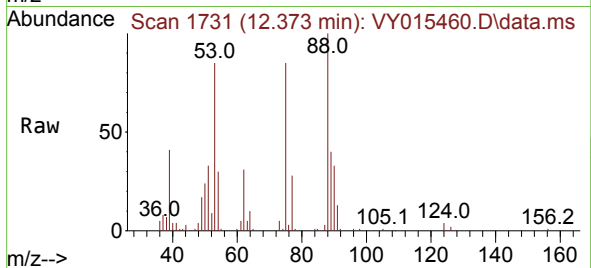




#81
 trans-1,4-Dichloro-2-butene
 Concen: 19.768 ug/l
 RT: 12.373 min Scan# 1731
 Delta R.T. -0.006 min
 Lab File: VY015460.D
 Acq: 07 Sep 2023 10:35

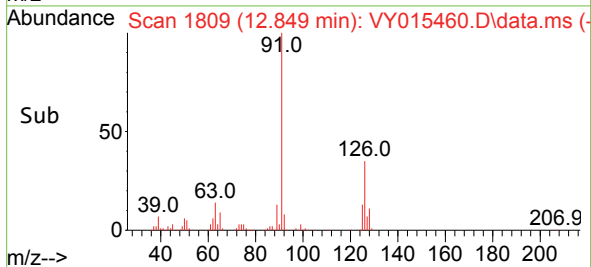
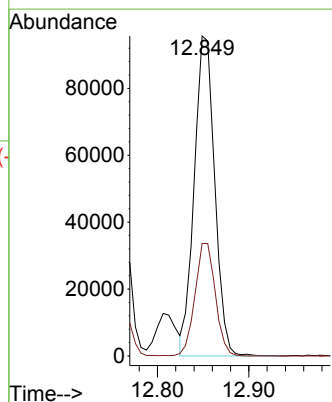
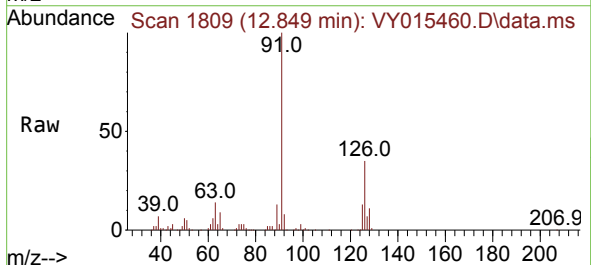
Instrument :
 MSVOA_Y
 ClientSampleId :

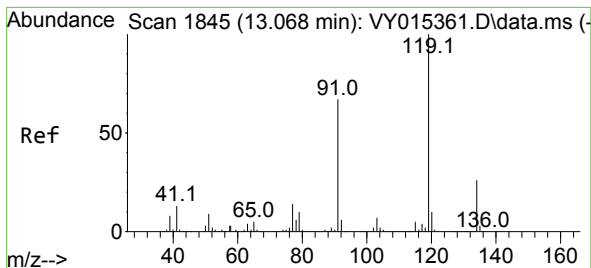
Tgt Ion: 75 Resp: 17019
 Ion Ratio Lower Upper
 75 100
 53 100.5 77.8 116.8
 89 45.5 37.4 56.0



#82
 4-Chlorotoluene
 Concen: 19.652 ug/l
 RT: 12.849 min Scan# 1809
 Delta R.T. -0.000 min
 Lab File: VY015460.D
 Acq: 07 Sep 2023 10:35

Tgt Ion: 91 Resp: 149107
 Ion Ratio Lower Upper
 91 100
 126 35.1 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.414 ug/l

RT: 13.074 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

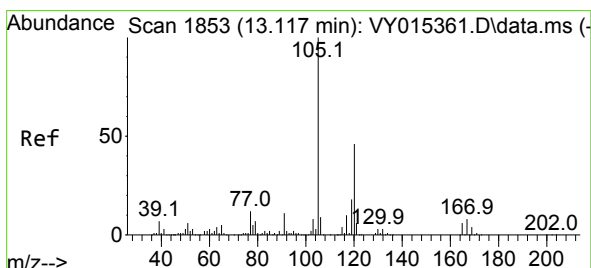
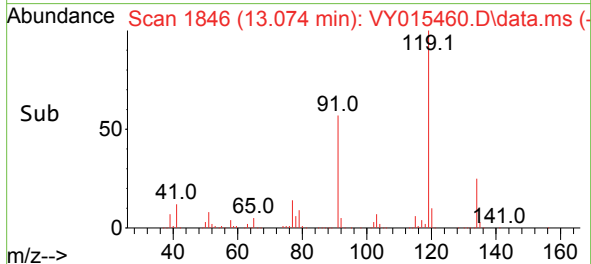
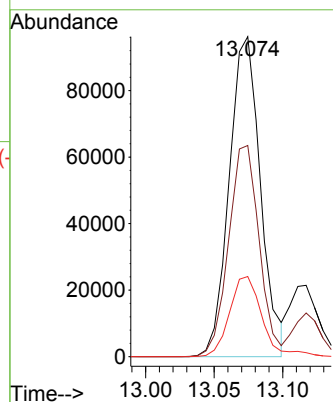
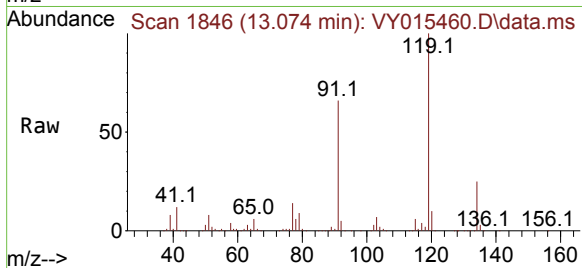
Tgt Ion:119 Resp: 152998

Ion Ratio Lower Upper

119 100

91 64.6 32.9 98.6

134 26.1 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 19.783 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015460.D

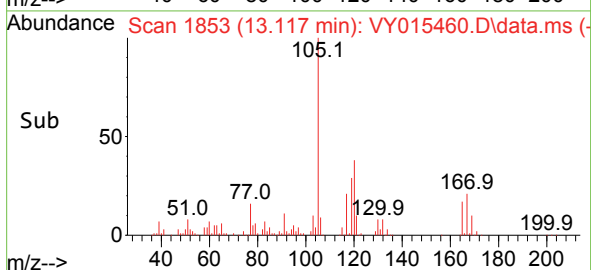
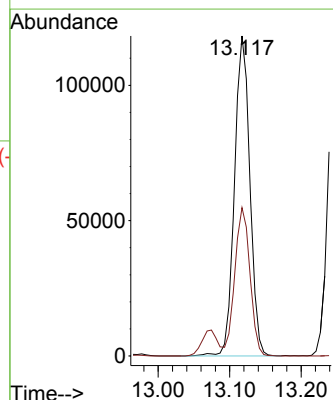
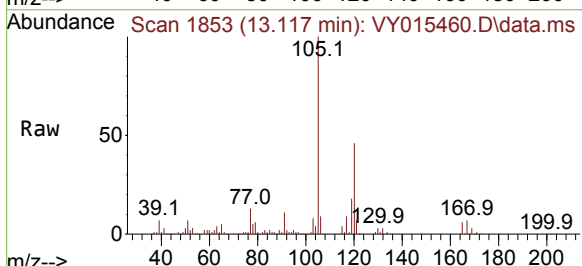
Acq: 07 Sep 2023 10:35

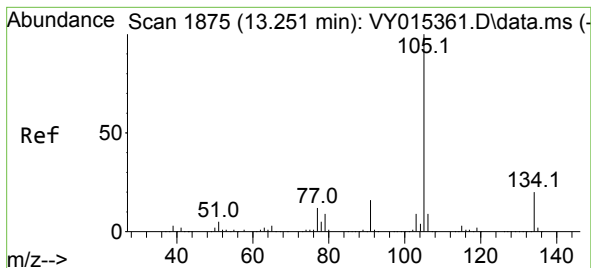
Tgt Ion:105 Resp: 176733

Ion Ratio Lower Upper

105 100

120 45.4 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.283 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

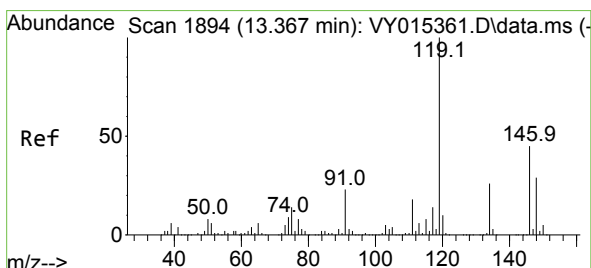
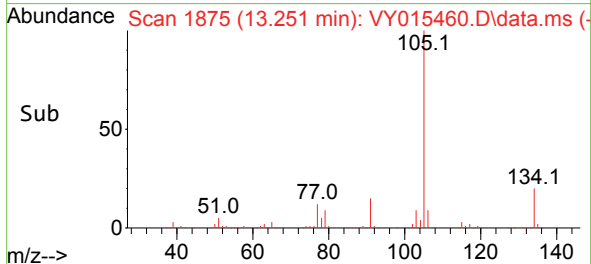
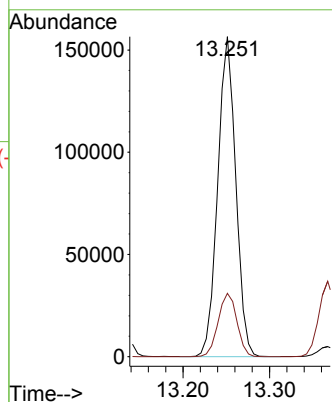
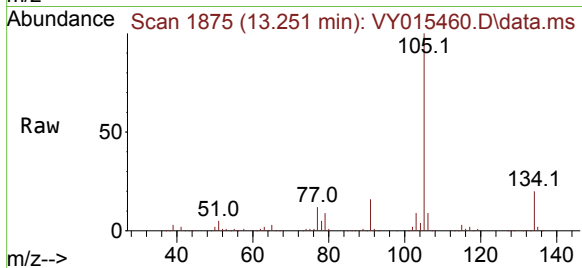
ClientSampleId :

Tgt Ion:105 Resp: 226663

Ion Ratio Lower Upper

105 100

134 20.5 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.611 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

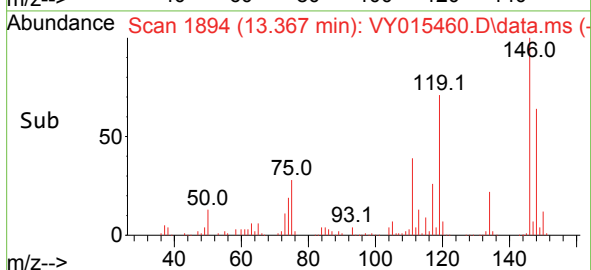
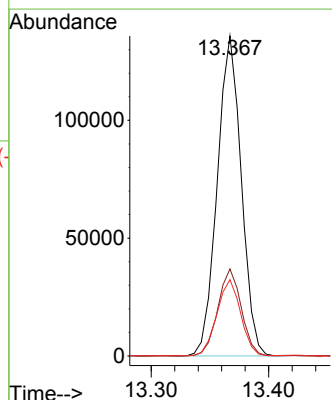
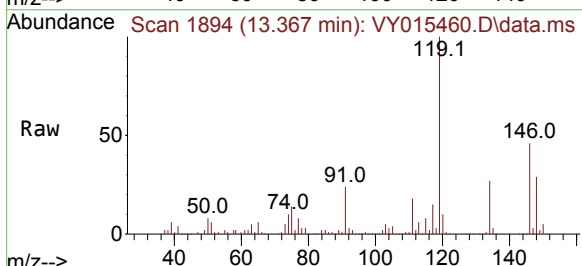
Tgt Ion:119 Resp: 193196

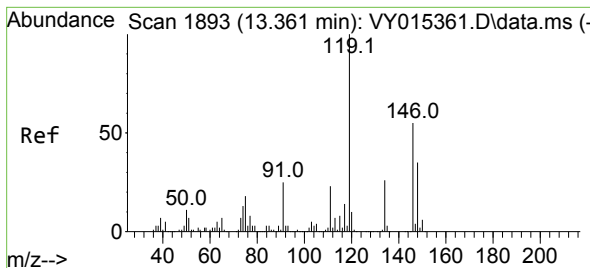
Ion Ratio Lower Upper

119 100

134 26.6 13.3 39.8

91 23.4 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.085 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

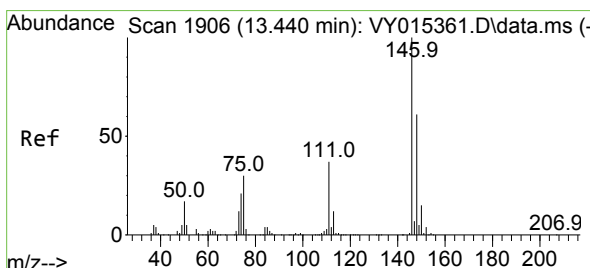
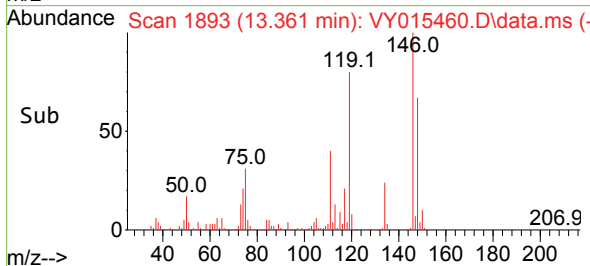
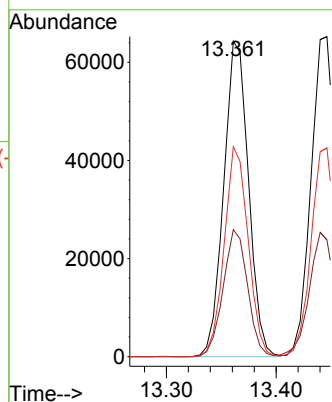
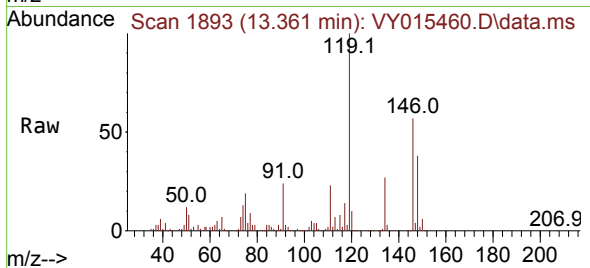
Tgt Ion:146 Resp: 101024

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 20.414 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

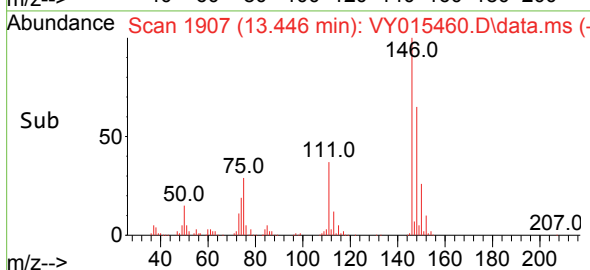
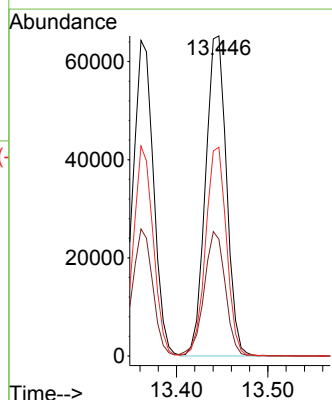
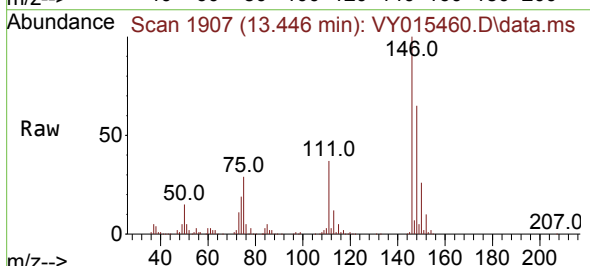
Tgt Ion:146 Resp: 103792

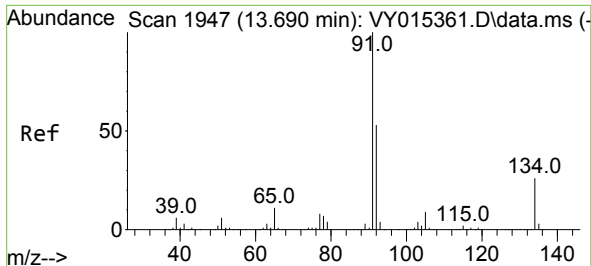
Ion Ratio Lower Upper

146 100

111 39.4 18.9 56.7

148 64.9 32.1 96.5





#89

n-Butylbenzene

Concen: 19.546 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

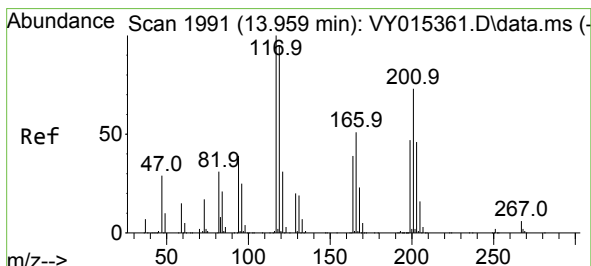
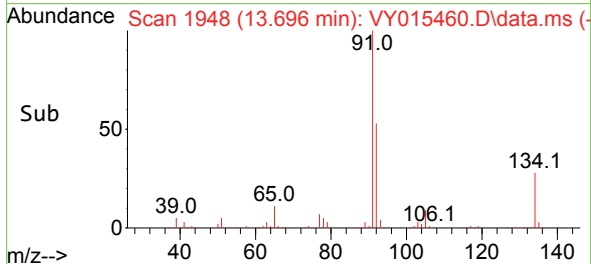
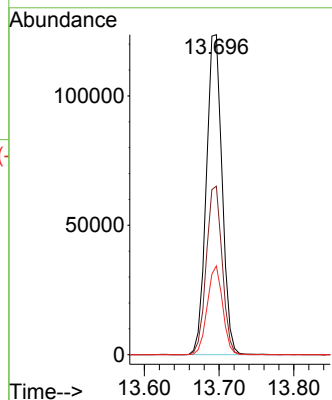
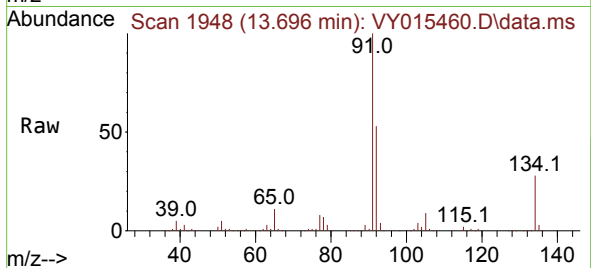
Tgt Ion: 91 Resp: 181234

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.9 12.6 37.6



#90

Hexachloroethane

Concen: 20.116 ug/l

RT: 13.958 min Scan# 1991

Delta R.T. -0.000 min

Lab File: VY015460.D

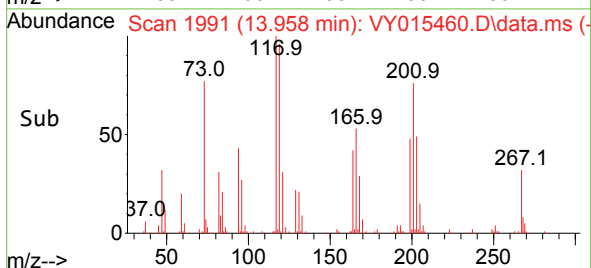
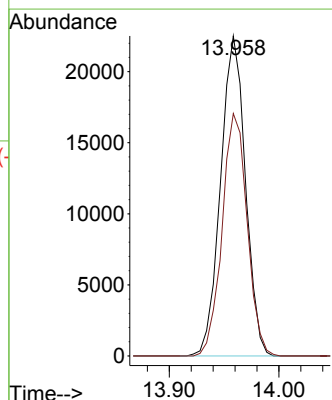
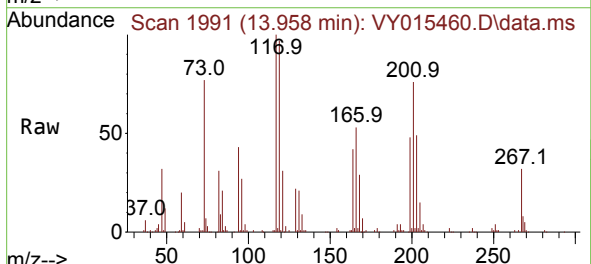
Acq: 07 Sep 2023 10:35

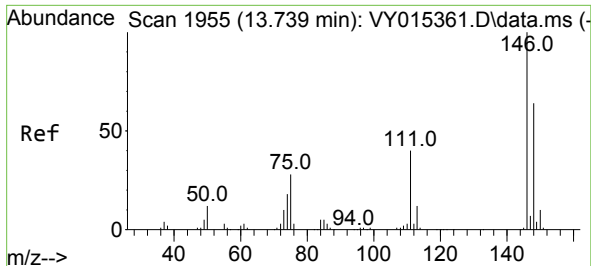
Tgt Ion: 117 Resp: 35443

Ion Ratio Lower Upper

117 100

201 76.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.690 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

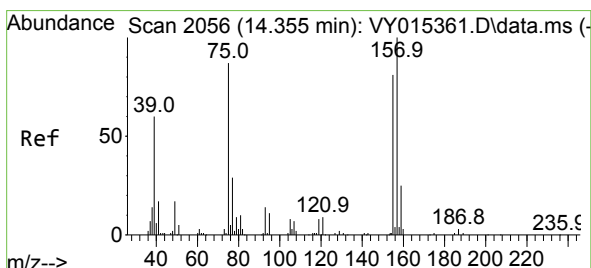
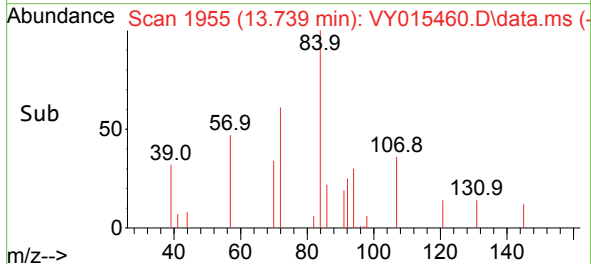
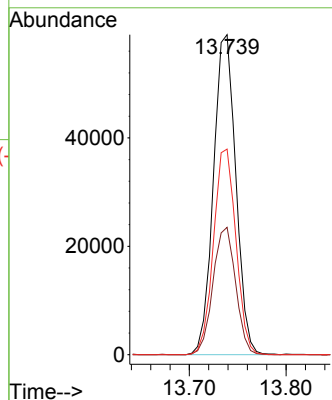
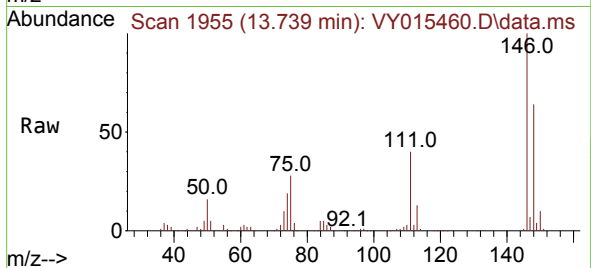
Tgt Ion:146 Resp: 94967

Ion Ratio Lower Upper

146 100

111 40.3 19.7 59.0

148 64.4 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.698 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

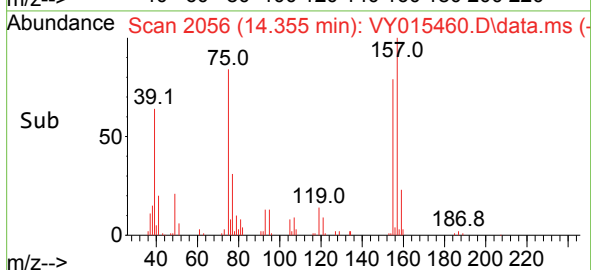
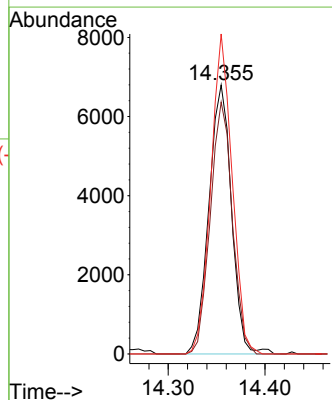
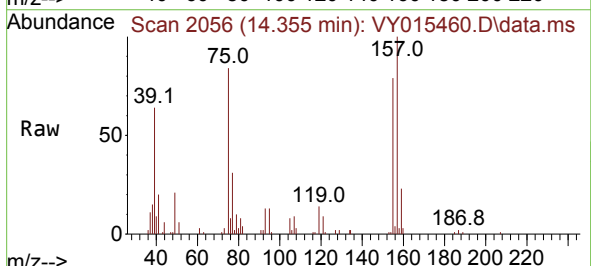
Tgt Ion: 75 Resp: 11022

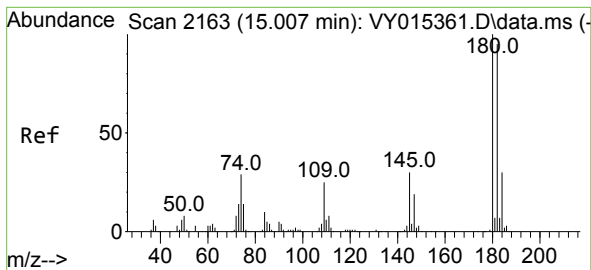
Ion Ratio Lower Upper

75 100

155 91.3 41.5 124.6

157 112.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.704 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :

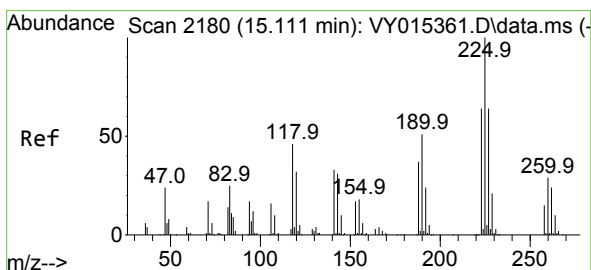
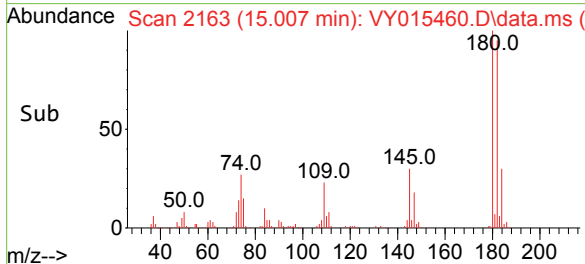
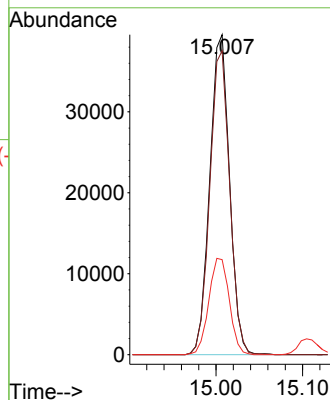
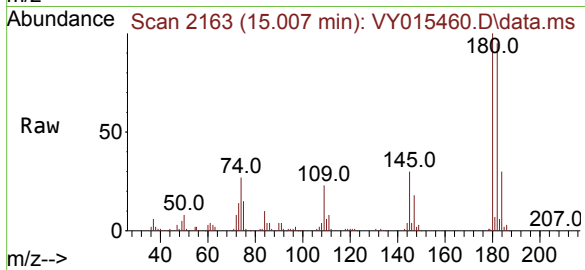
Tgt Ion:180 Resp: 62565

Ion Ratio Lower Upper

180 100

182 95.8 47.0 141.2

145 31.3 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.128 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

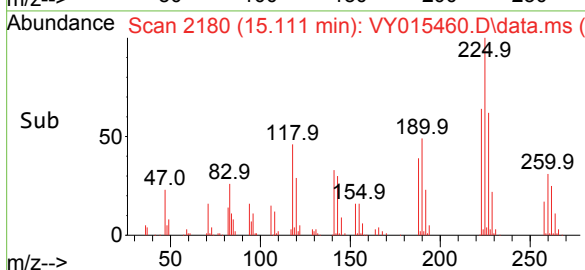
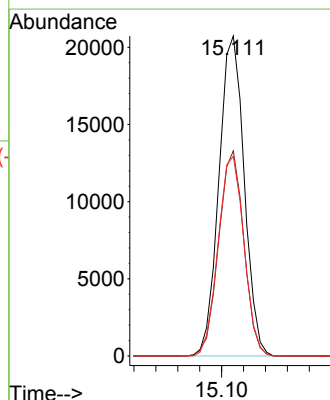
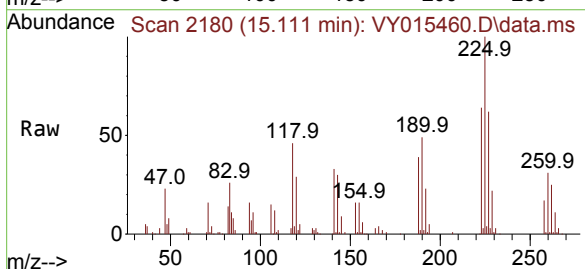
Tgt Ion:225 Resp: 33210

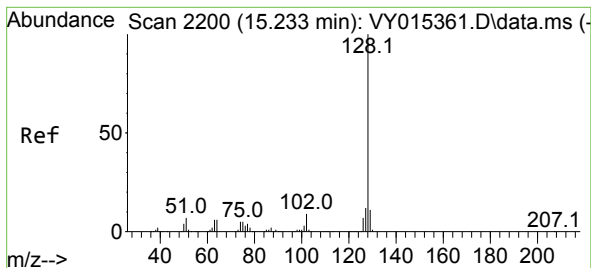
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.9

227 63.7 33.0 98.9





#95

Naphthalene

Concen: 22.838 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

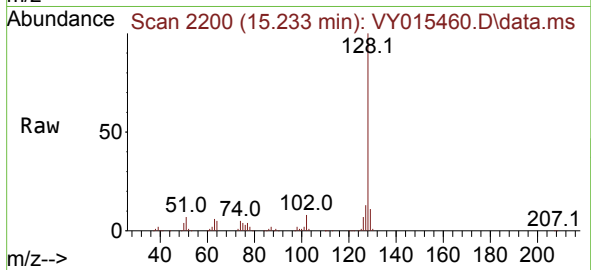
Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Instrument :

MSVOA_Y

ClientSampleId :



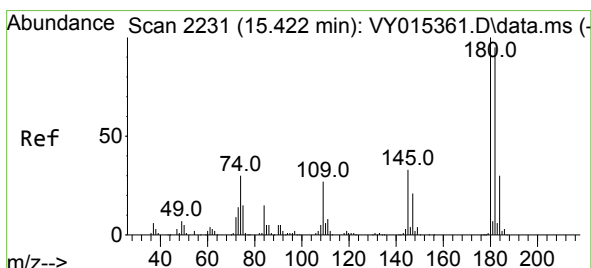
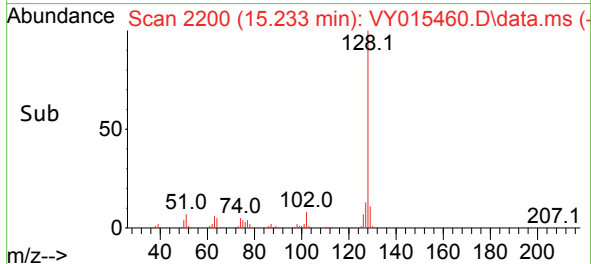
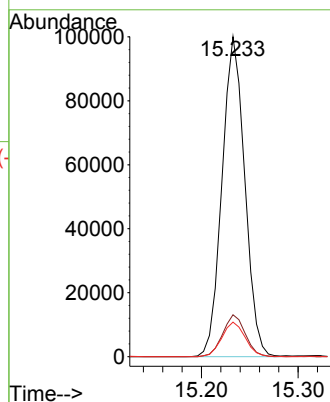
Tgt Ion:128 Resp: 163079

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.875 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015460.D

Acq: 07 Sep 2023 10:35

Tgt Ion:180 Resp: 57516

Ion Ratio Lower Upper

180 100

182 93.3 47.3 141.8

145 32.5 15.4 46.2

