

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092623\
 Data File : VY015707.D
 Acq On : 26 Sep 2023 13:02
 Operator : SY/MD
 Sample : VY0926SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 27 01:31:02 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	142718	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	237051	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	214573	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	111163	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	98334	62.621	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.240%	
35) Dibromofluoromethane	7.716	113	89079	62.783	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 125.560%	
50) Toluene-d8	10.179	98	318714	66.250	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 132.500%	
62) 4-Bromofluorobenzene	12.483	95	115860	61.370	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	19311	20.527	ug/l	98
3) Chloromethane	2.107	50	23262	19.600	ug/l	94
4) Vinyl Chloride	2.247	62	27957	20.603	ug/l	100
5) Bromomethane	2.643	94	20054	17.330	ug/l	99
6) Chloroethane	2.784	64	19027	18.918	ug/l	90
7) Trichlorofluoromethane	3.113	101	52892	23.242	ug/l	98
8) Diethyl Ether	3.527	74	21088	21.730	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.893	101	32059	22.499	ug/l	94
10) Methyl Iodide	4.088	142	26608	17.742	ug/l	99
11) Tert butyl alcohol	4.930	59	27918	36.771	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	26500	21.106	ug/l	88
13) Acrolein	3.735	56	21277	88.474	ug/l	100
14) Allyl chloride	4.466	41	48638	21.187	ug/l	92
15) Acrylonitrile	5.167	53	84303	118.416	ug/l	98
16) Acetone	3.966	43	111962	133.232	ug/l #	89
17) Carbon Disulfide	4.186	76	44193	18.118	ug/l	99
18) Methyl Acetate	4.485	43	65943	23.388	ug/l	94
19) Methyl tert-butyl Ether	5.228	73	114590	22.408	ug/l	98
20) Methylene Chloride	4.710	84	63920	33.096	ug/l	97
21) trans-1,2-Dichloroethene	5.216	96	30061	20.946	ug/l	93
22) Diisopropyl ether	6.118	45	121245	21.946	ug/l	95
23) Vinyl Acetate	6.057	43	374484	109.818	ug/l	98
24) 1,1-Dichloroethane	6.015	63	65455	21.736	ug/l	97
25) 2-Butanone	6.990	43	151556	127.593	ug/l	96
26) 2,2-Dichloropropane	6.978	77	59473	21.608	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	41796	21.937	ug/l	95
28) Bromochloromethane	7.332	49	14351	17.566	ug/l	100
29) Tetrahydrofuran	7.356	42	81201	120.950	ug/l	95
30) Chloroform	7.508	83	71503	22.173	ug/l	99
31) Cyclohexane	7.783	56	44608	20.506	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	59207	22.240	ug/l	98
36) 1,1-Dichloropropene	7.917	75	45935	21.896	ug/l	98
37) Ethyl Acetate	7.076	43	52813	25.239	ug/l	96
38) Carbon Tetrachloride	7.899	117	51218	22.492	ug/l	98
39) Methylcyclohexane	9.185	83	49073	21.149	ug/l	94
40) Benzene	8.161	78	139734	21.842	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	21911	19.447	ug/l	94
42) 1,2-Dichloroethane	8.234	62	49125	22.421	ug/l	95
43) Isopropyl Acetate	8.277	43	84303	23.585	ug/l	98
44) Trichloroethene	8.941	130	40087	22.435	ug/l	100
45) 1,2-Dichloropropane	9.215	63	39428	22.100	ug/l	95
46) Dibromomethane	9.307	93	25615	22.445	ug/l	95
47) Bromodichloromethane	9.496	83	57430	22.577	ug/l	100
48) Methyl methacrylate	9.295	41	36798	23.454	ug/l	91
49) 1,4-Dioxane	9.313	88	12825	568.843	ug/l #	56
51) 4-Methyl-2-Pentanone	10.069	43	276964	125.013	ug/l	94
52) Toluene	10.240	92	92258	22.369	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	60871	22.315	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	64776	22.060	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	38705	23.143	ug/l	98
56) Ethyl methacrylate	10.508	69	56283	22.836	ug/l	89
57) 1,3-Dichloropropane	10.788	76	64012	22.824	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	76078	97.177	ug/l	96
59) 2-Hexanone	10.831	43	221851	130.520	ug/l	91
60) Dibromochloromethane	10.983	129	44303	22.693	ug/l	99
61) 1,2-Dibromoethane	11.087	107	37078	22.662	ug/l	100
64) Tetrachloroethene	10.721	164	45224	24.565	ug/l	96
65) Chlorobenzene	11.514	112	104814	22.378	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	42354	23.280	ug/l	99
67) Ethyl Benzene	11.593	91	186253	22.751	ug/l	100
68) m/p-Xylenes	11.703	106	142040	45.648	ug/l	96
69) o-Xylene	12.026	106	68495	22.449	ug/l	100
70) Styrene	12.044	104	119739	22.927	ug/l	97
71) Bromoform	12.209	173	31593	23.963	ug/l #	98
73) Isopropylbenzene	12.331	105	188962	22.660	ug/l	100
74) N-amyl acetate	12.142	43	72428	23.109	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	54759	23.594	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	71633	40.393	ug/l #	100
77) Bromobenzene	12.605	156	45088	22.027	ug/l	92
78) n-propylbenzene	12.672	91	230256	22.728	ug/l	99
79) 2-Chlorotoluene	12.757	91	128654	22.279	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	157897	22.617	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18623	23.648	ug/l	93
82) 4-Chlorotoluene	12.855	91	135477	22.473	ug/l	100
83) tert-Butylbenzene	13.075	119	137878	22.550	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	157495	22.547	ug/l	98
85) sec-Butylbenzene	13.251	105	208044	22.736	ug/l	99
86) p-Isopropyltoluene	13.367	119	173246	22.666	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	91244	22.469	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93135	22.931	ug/l	99
89) n-Butylbenzene	13.696	91	164097	22.672	ug/l	98
90) Hexachloroethane	13.959	117	32879	22.288	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	85719	22.866	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11532	25.018	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	54213	22.972	ug/l	99
94) Hexachlorobutadiene	15.111	225	26340	21.794	ug/l	97
95) Naphthalene	15.233	128	145590	23.659	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	50626	23.242	ug/l	97

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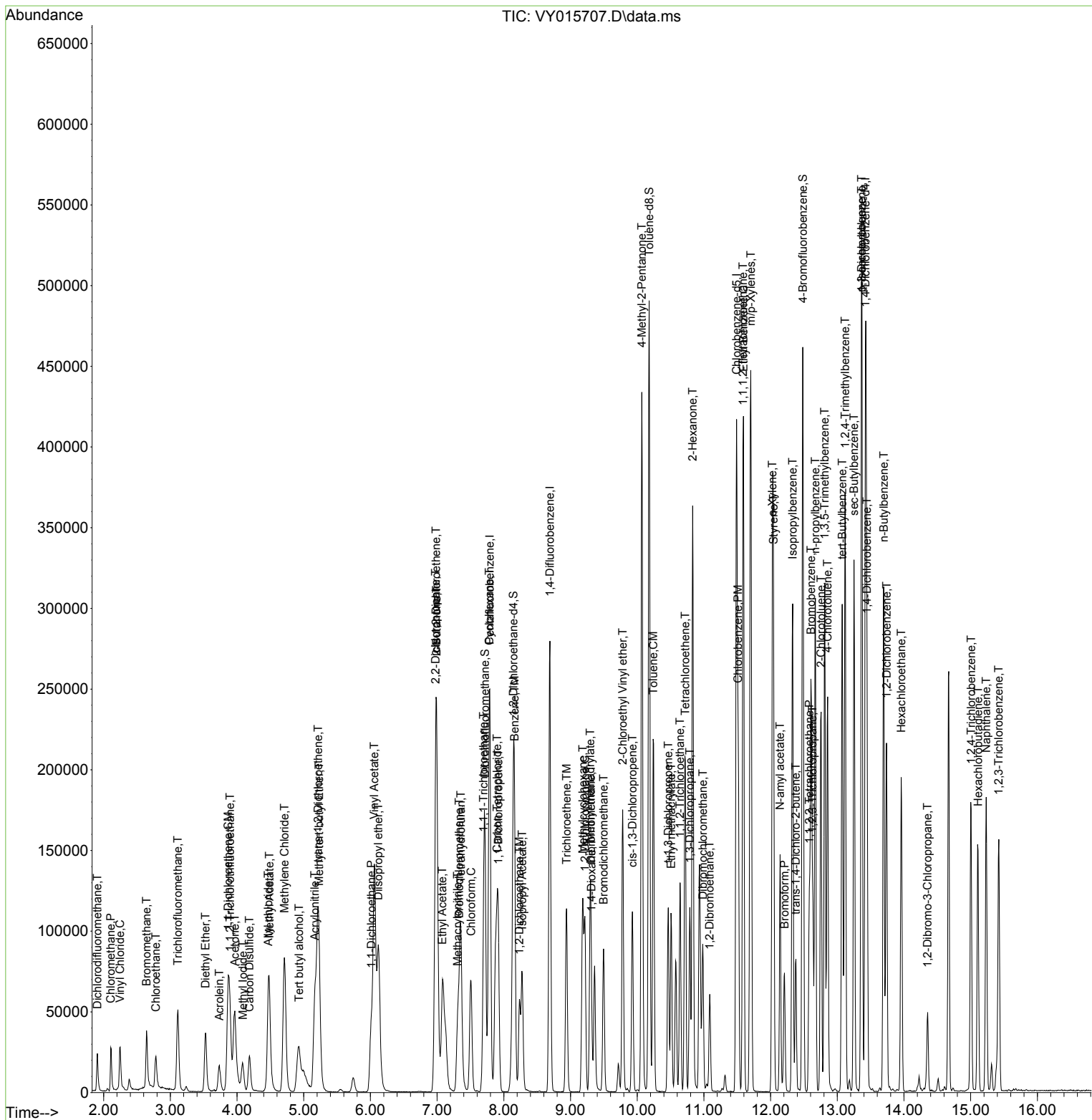
Instrument :
MSVOA_Y
ClientSampleId :

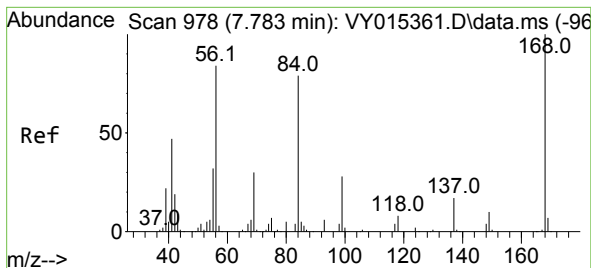
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.789 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY015707.D

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Instrument :

MSVOA_Y

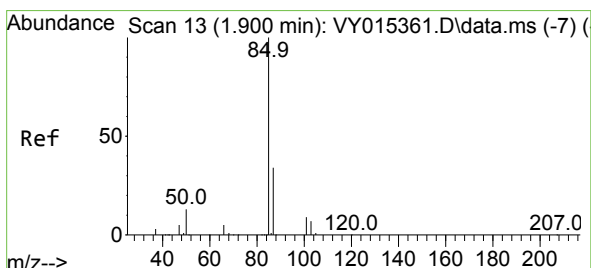
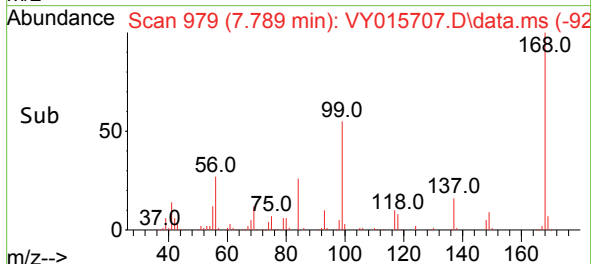
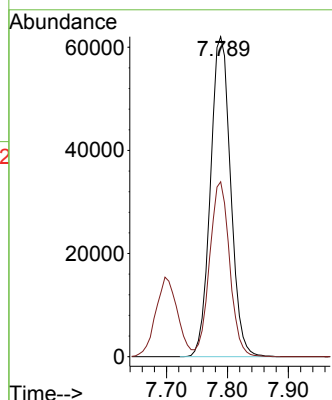
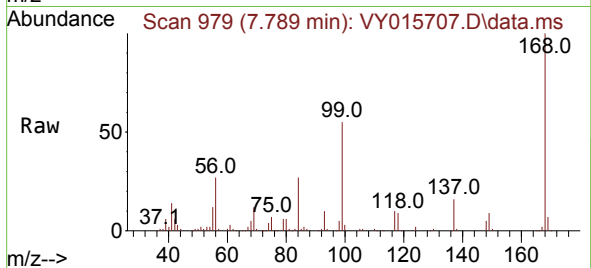
ClientSampleId :

Tgt Ion:168 Resp: 142718

Ion Ratio Lower Upper

168 100

99 54.7 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 20.527 ug/l

RT: 1.906 min Scan# 14

Delta R.T. 0.006 min

Lab File: VY015707.D

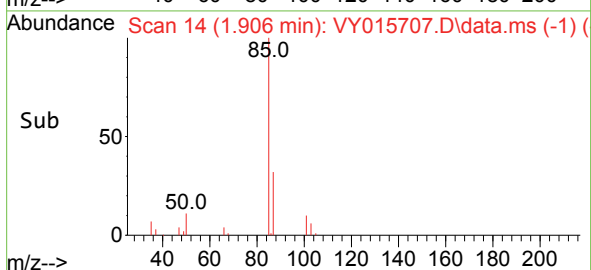
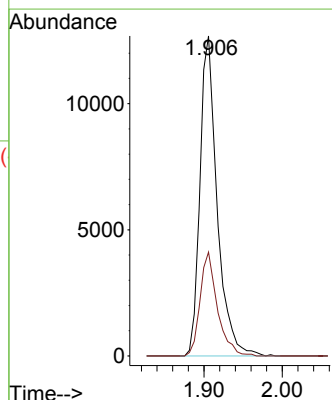
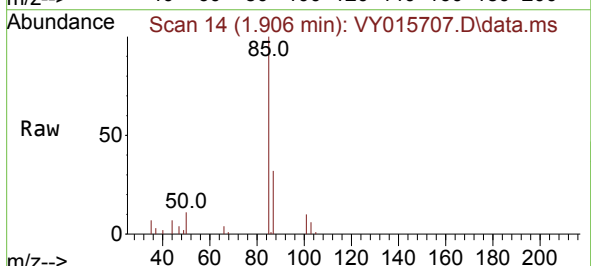
Acq: 26 Sep 2023 13:02

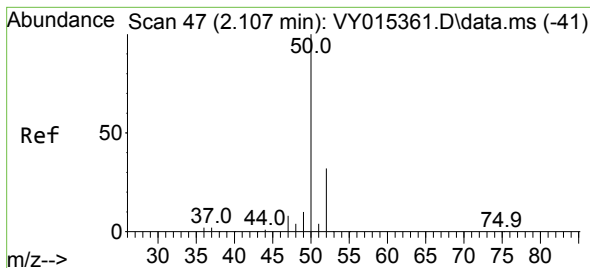
Tgt Ion: 85 Resp: 19311

Ion Ratio Lower Upper

85 100

87 32.5 15.6 46.8





#3

Chloromethane

Concen: 19.600 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

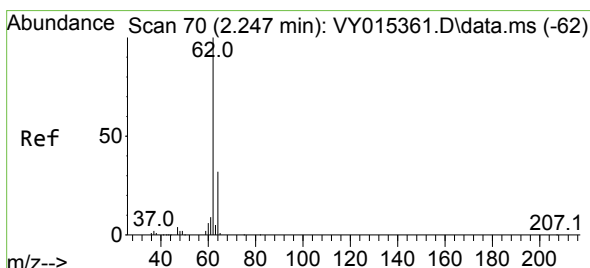
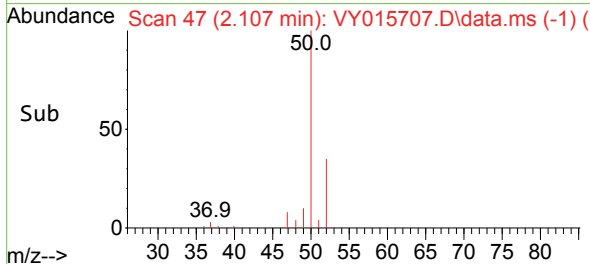
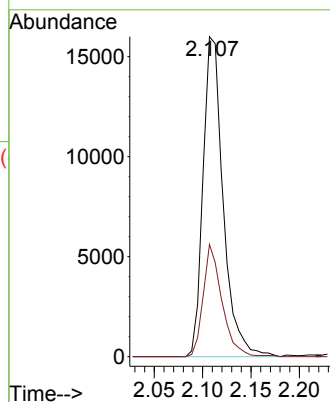
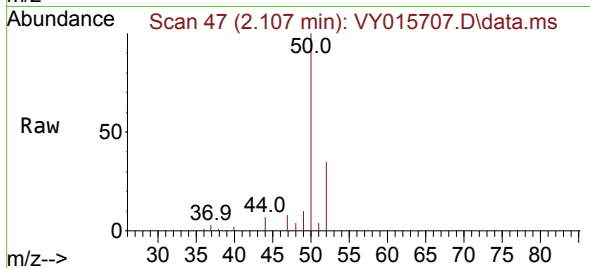
ClientSampleId :

Tgt Ion: 50 Resp: 23262

Ion Ratio Lower Upper

50 100

52 35.1 25.4 38.2



#4

Vinyl Chloride

Concen: 20.603 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY015707.D

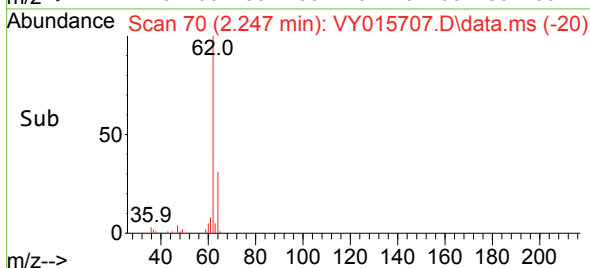
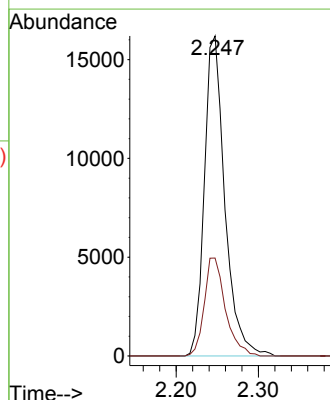
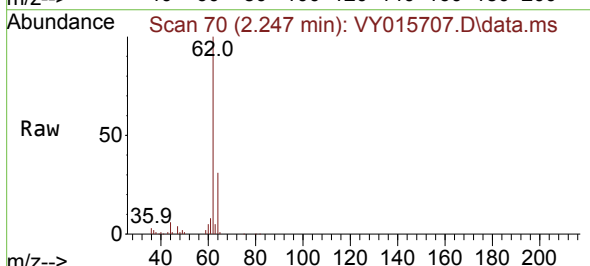
Acq: 26 Sep 2023 13:02

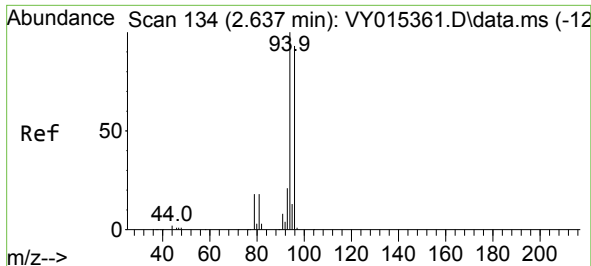
Tgt Ion: 62 Resp: 27957

Ion Ratio Lower Upper

62 100

64 30.6 24.3 36.5





#5

Bromomethane

Concen: 17.330 ug/l

RT: 2.643 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

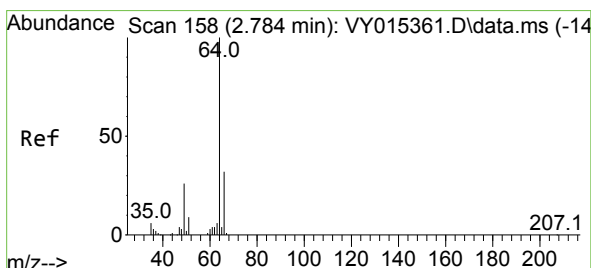
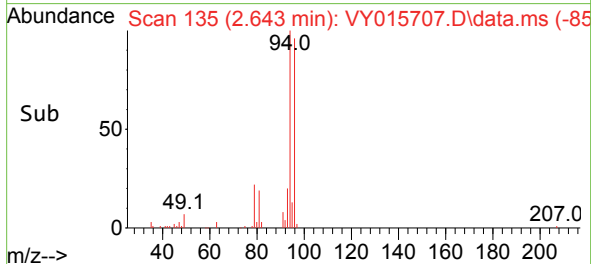
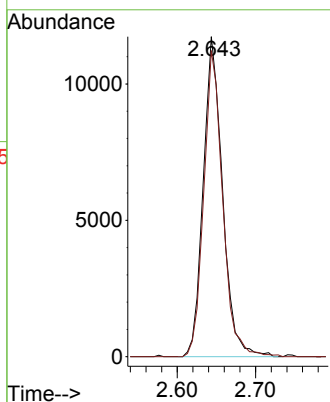
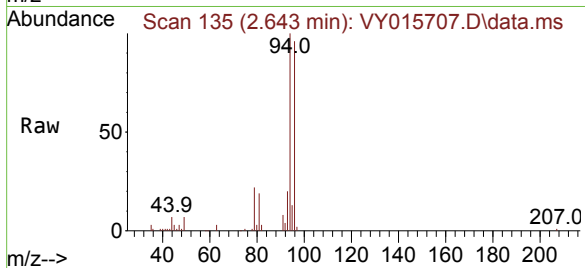
ClientSampleId :

Tgt Ion: 94 Resp: 20054

Ion Ratio Lower Upper

94 100

96 95.7 75.8 113.6



#6

Chloroethane

Concen: 18.918 ug/l

RT: 2.784 min Scan# 158

Delta R.T. -0.000 min

Lab File: VY015707.D

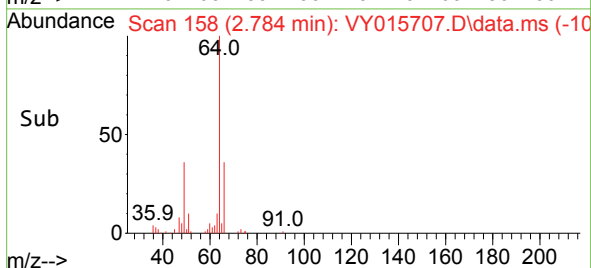
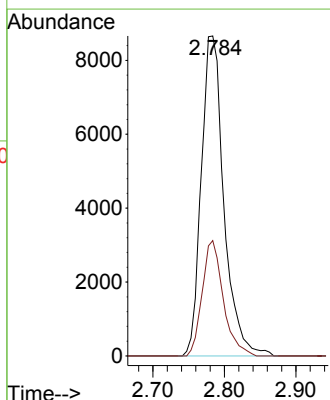
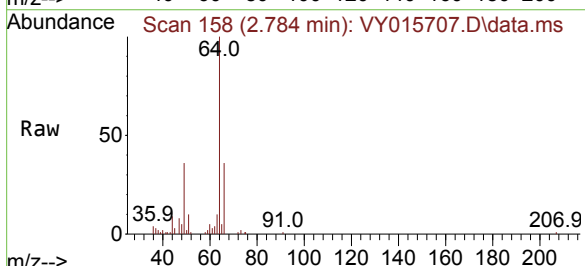
Acq: 26 Sep 2023 13:02

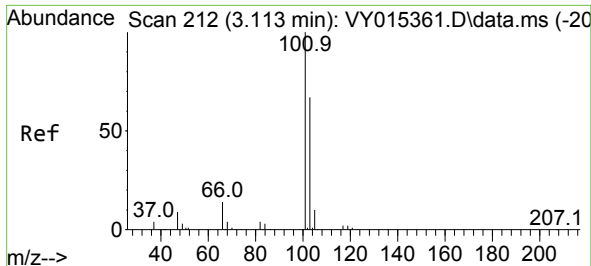
Tgt Ion: 64 Resp: 19027

Ion Ratio Lower Upper

64 100

66 36.0 24.4 36.6

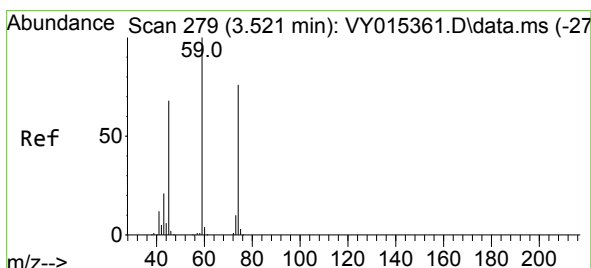
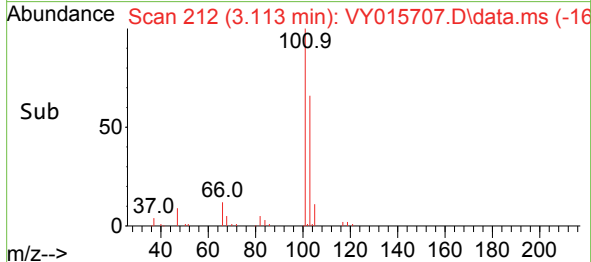
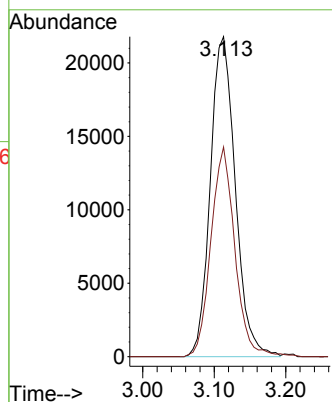
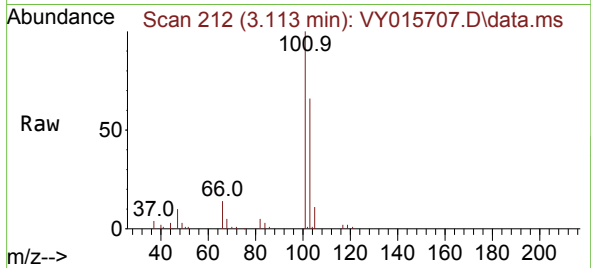




#7
Trichlorofluoromethane
Concen: 23.242 ug/l
RT: 3.113 min Scan# 212
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

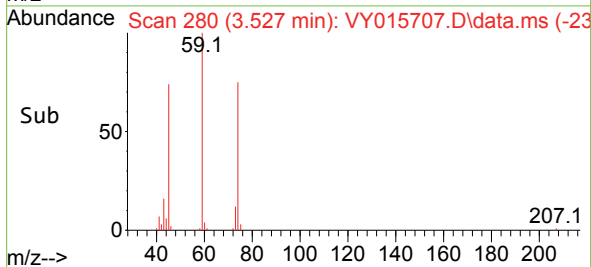
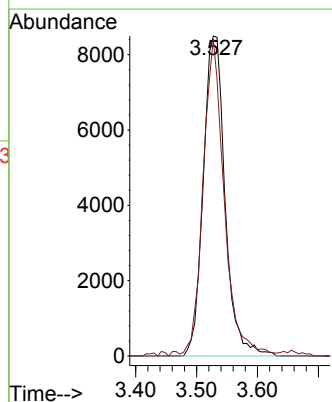
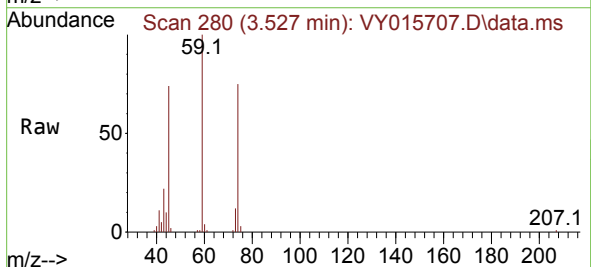
Instrument :
MSVOA_Y
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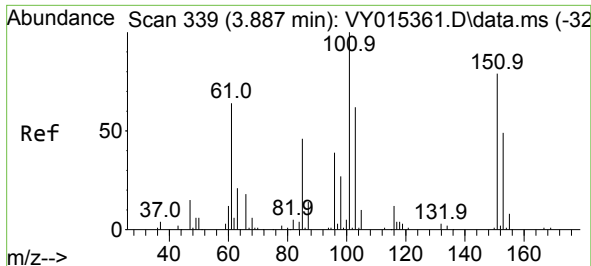
Tgt Ion:101 Resp: 52892
Ion Ratio Lower Upper
101 100
103 65.5 51.4 77.0



#8
Diethyl Ether
Concen: 21.730 ug/l
RT: 3.527 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 74 Resp: 21088
Ion Ratio Lower Upper
74 100
45 96.9 51.5 154.5

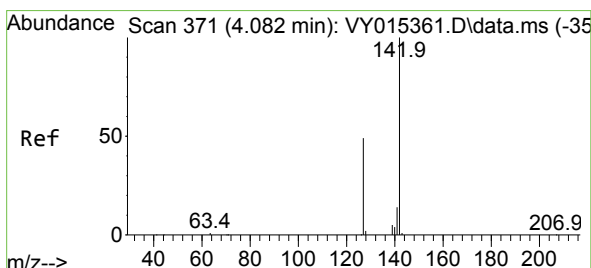
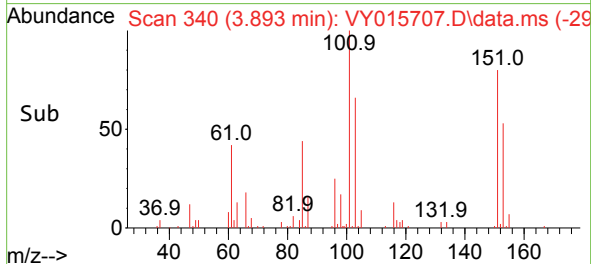
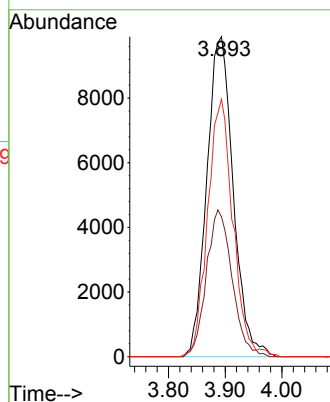
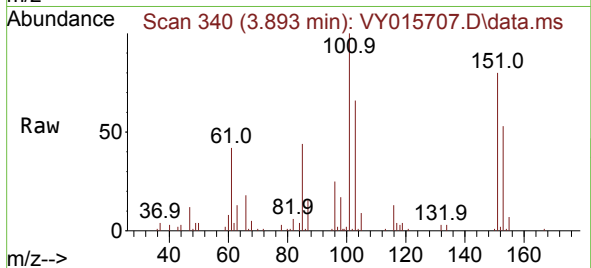




#9
1,1,2-Trichlorotrifluoroethane
Concen: 22.499 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

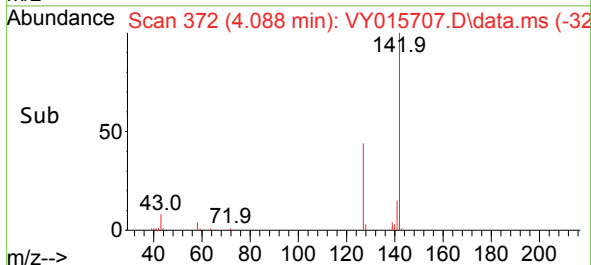
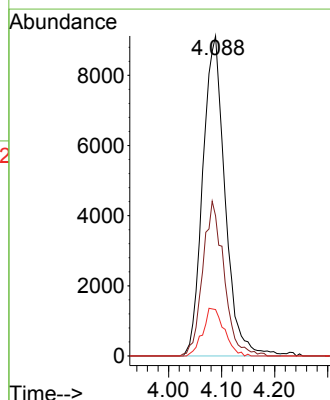
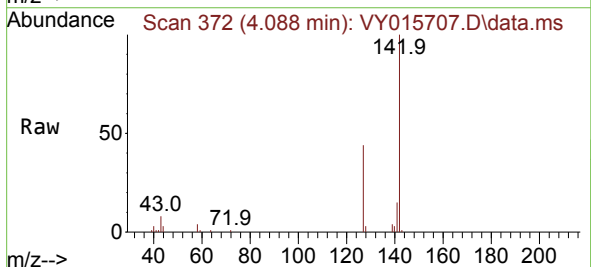
Instrument :
MSVOA_Y
ClientSampleId :

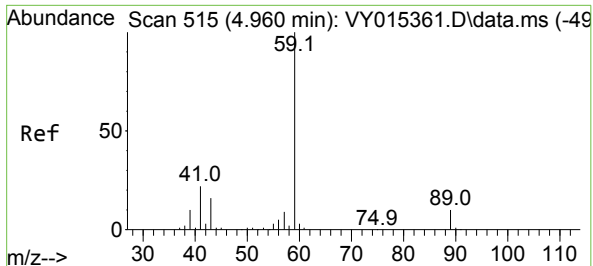
Tgt Ion:101 Resp: 32059
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 76.9 67.0 100.6



#10
Methyl Iodide
Concen: 17.742 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion:142 Resp: 26608
Ion Ratio Lower Upper
142 100
127 46.5 37.6 56.4
141 14.3 11.8 17.8





#11

Tert butyl alcohol

Concen: 36.771 ug/l

RT: 4.930 min Scan# 51

Delta R.T. -0.024 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

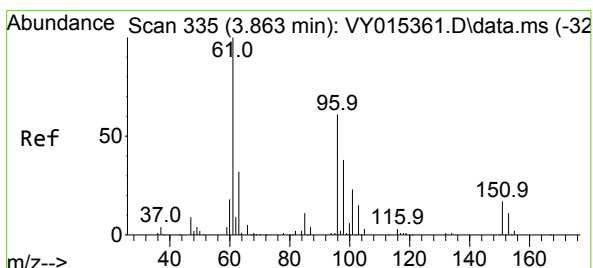
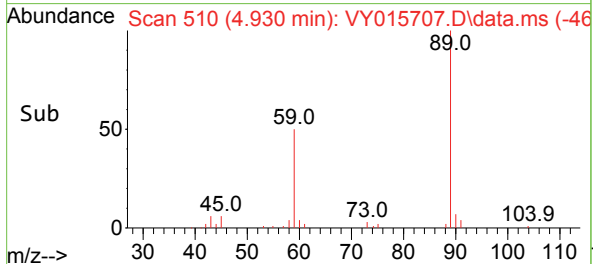
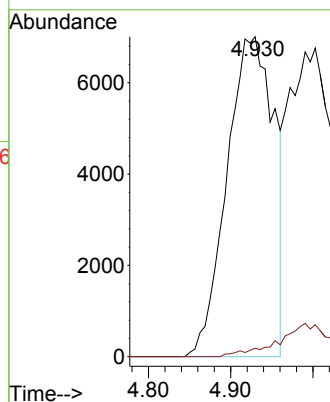
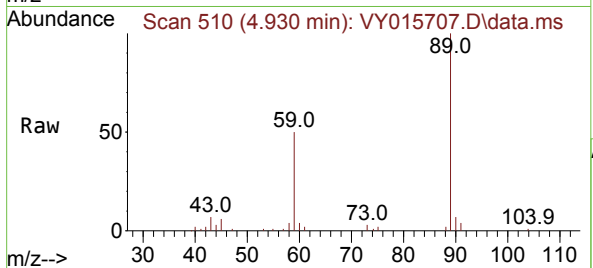
ClientSampleId :

Tgt Ion: 59 Resp: 27918

Ion Ratio Lower Upper

59 100

57 0.0 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 21.106 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

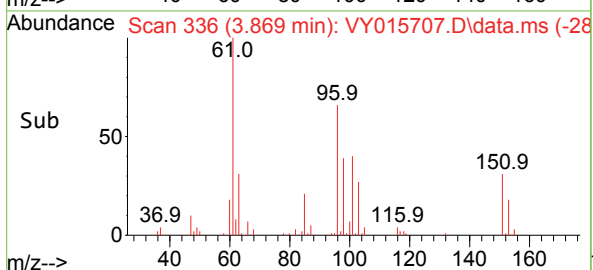
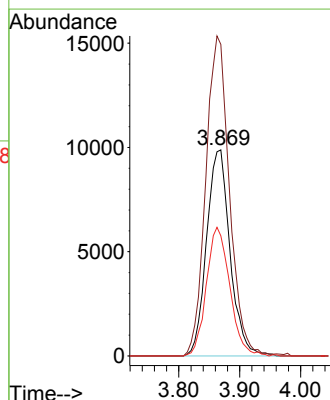
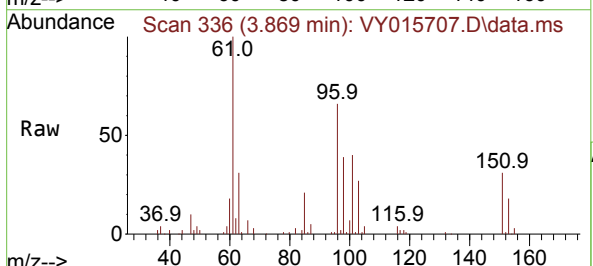
Tgt Ion: 96 Resp: 26500

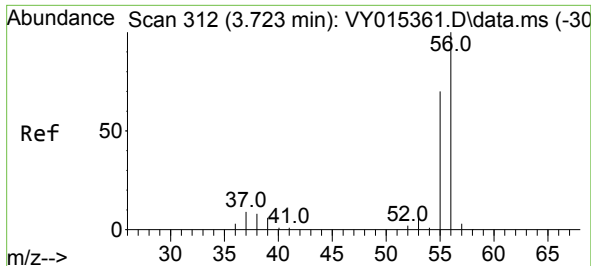
Ion Ratio Lower Upper

96 100

61 151.1 136.4 204.6

98 58.3 49.4 74.2

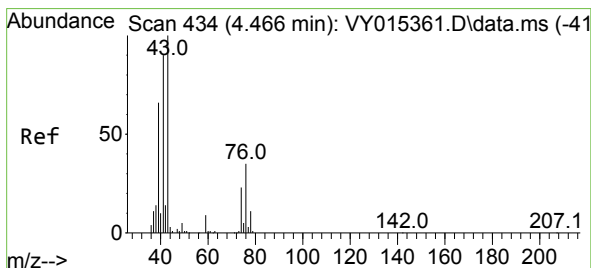
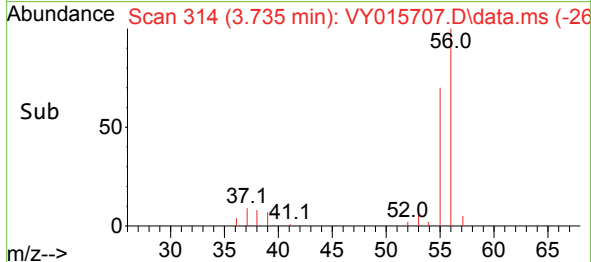
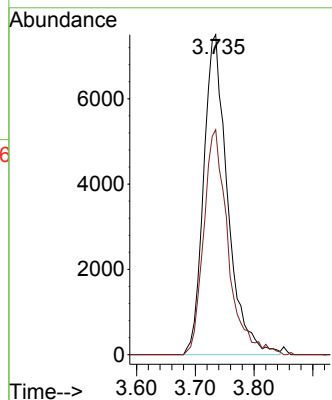
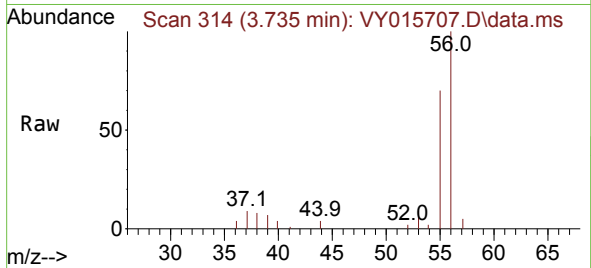




#13
Acrolein
Concen: 88.474 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

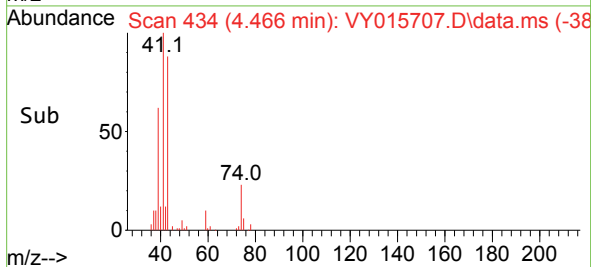
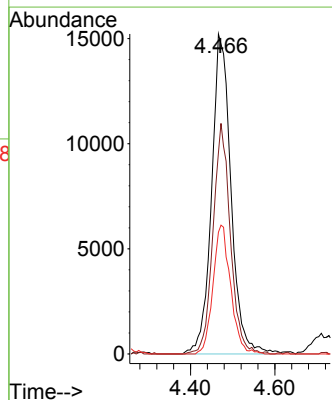
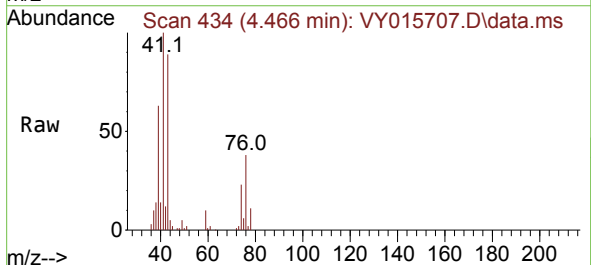
Instrument :
MSVOA_Y
ClientSampleId :

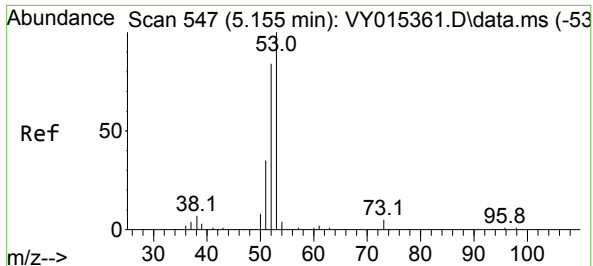
Tgt Ion: 56 Resp: 21277
Ion Ratio Lower Upper
56 100
55 71.6 57.0 85.4



#14
Allyl chloride
Concen: 21.187 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 41 Resp: 48638
Ion Ratio Lower Upper
41 100
39 64.4 58.0 87.0
76 36.6 27.4 41.2

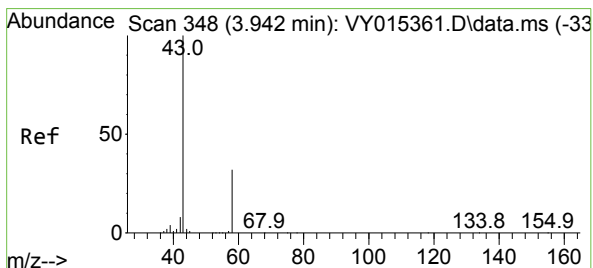
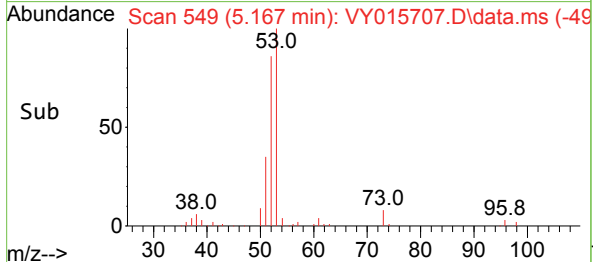
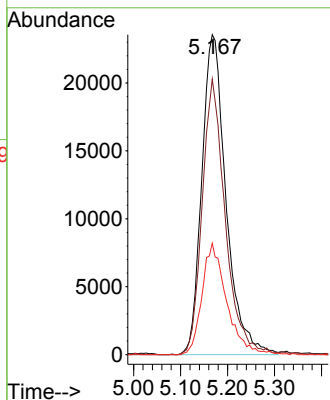
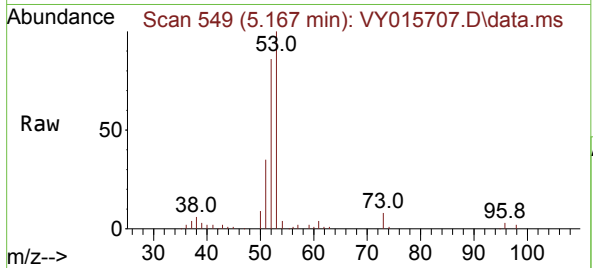




#15
Acrylonitrile
Concen: 118.416 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

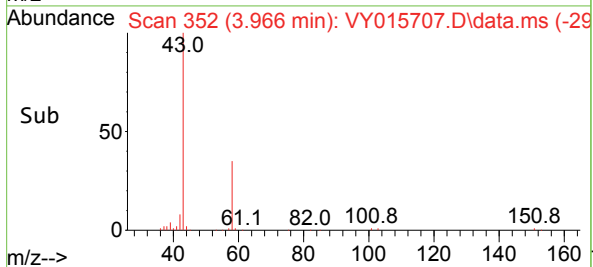
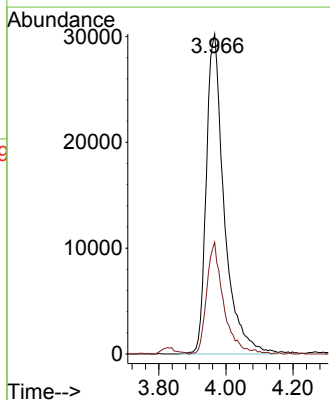
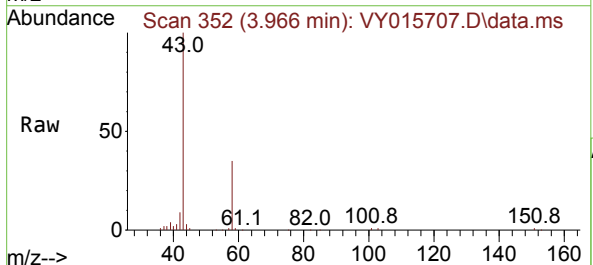
Instrument :
MSVOA_Y
ClientSampleId :

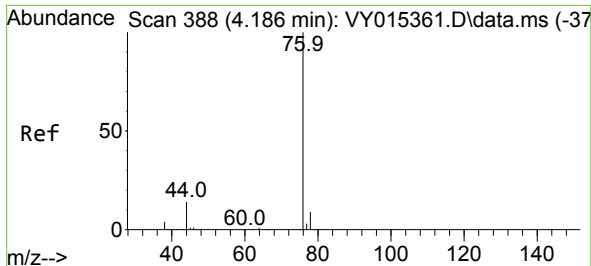
Tgt Ion: 53 Resp: 84303
Ion Ratio Lower Upper
53 100
52 81.9 66.9 100.3
51 35.4 29.8 44.6



#16
Acetone
Concen: 133.232 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 43 Resp: 111962
Ion Ratio Lower Upper
43 100
58 34.5 22.7 34.1#

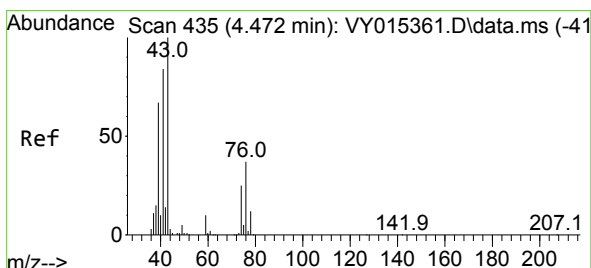
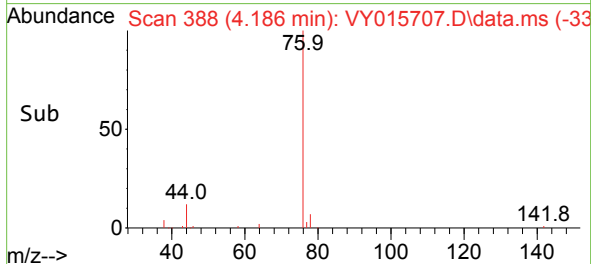
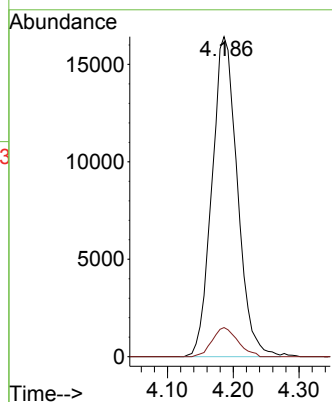
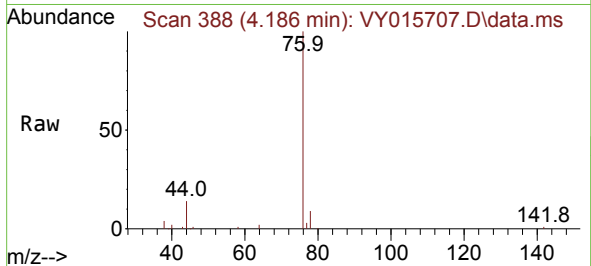




#17
Carbon Disulfide
Concen: 18.118 ug/l
RT: 4.186 min Scan# 388
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

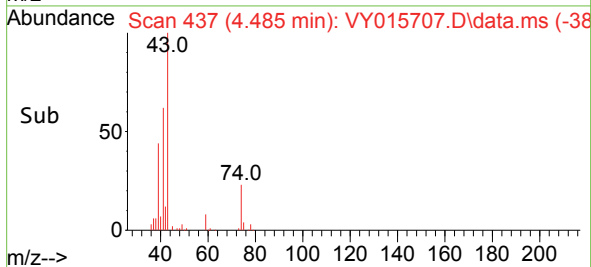
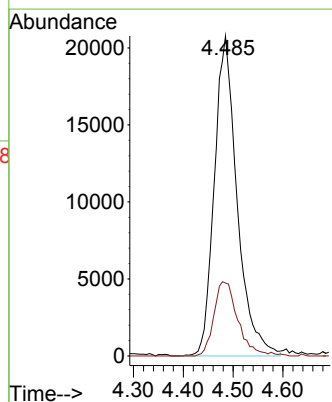
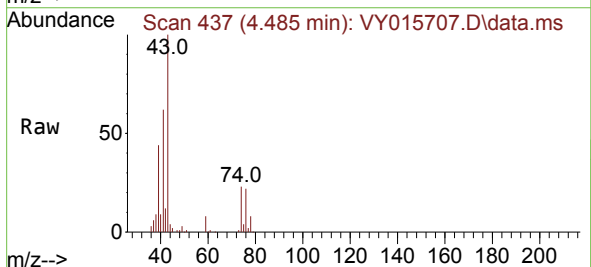
Instrument :
MSVOA_Y
ClientSampleId :

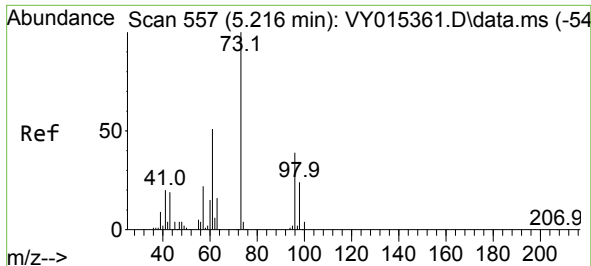
Tgt Ion: 76 Resp: 44193
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 23.388 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

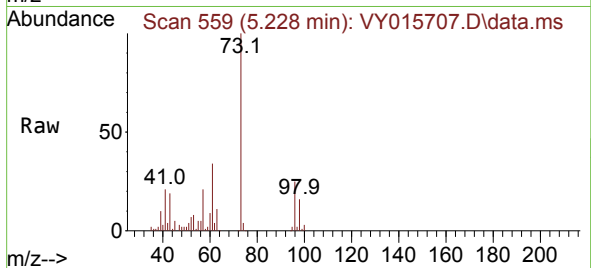
Tgt Ion: 43 Resp: 65943
Ion Ratio Lower Upper
43 100
74 24.5 17.4 26.0



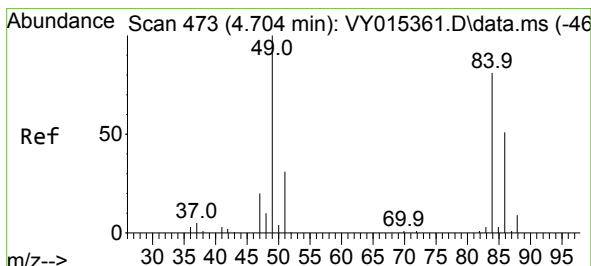
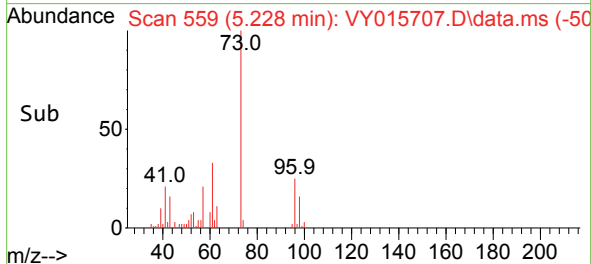
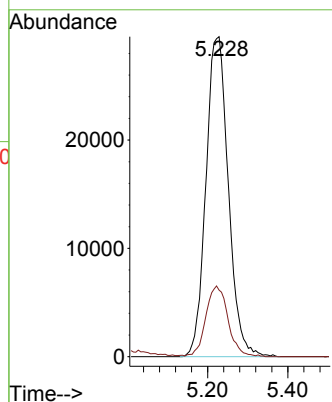


#19
Methyl tert-butyl Ether
Concen: 22.408 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :

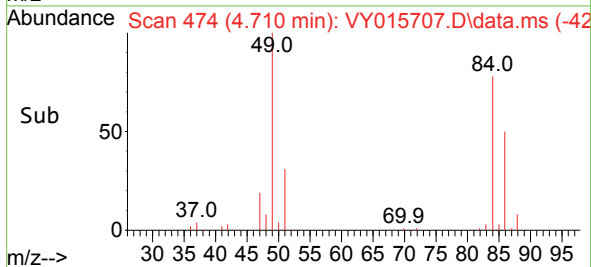
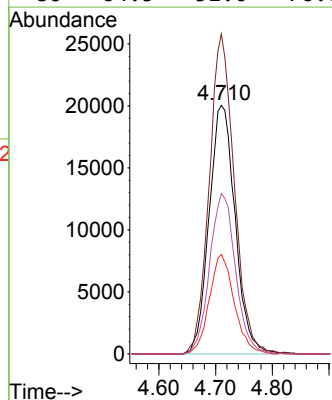
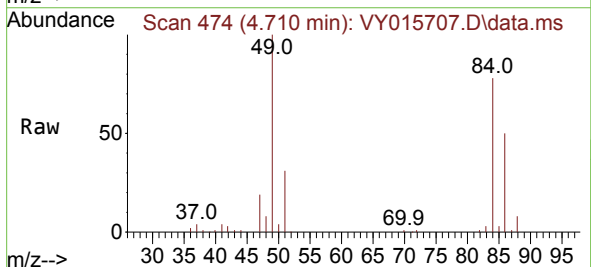


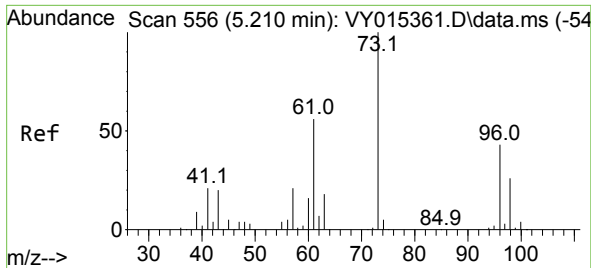
Tgt Ion: 73 Resp: 114590
Ion Ratio Lower Upper
73 100
57 20.8 17.3 25.9



#20
Methylene Chloride
Concen: 33.096 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 84 Resp: 63920
Ion Ratio Lower Upper
84 100
49 128.7 106.9 160.3
51 40.0 33.2 49.8
86 64.5 51.0 76.6

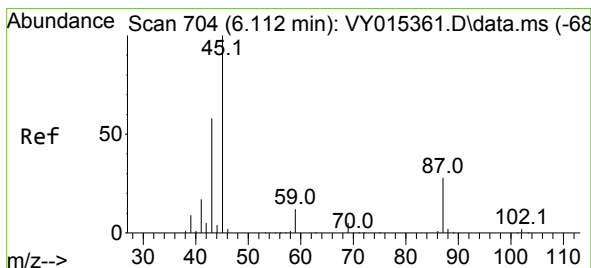
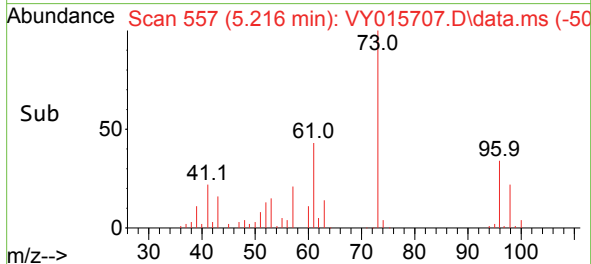
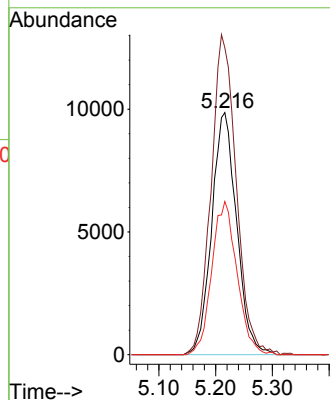
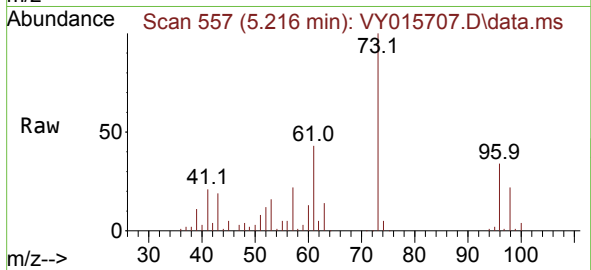




#21
trans-1,2-Dichloroethene
Concen: 20.946 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

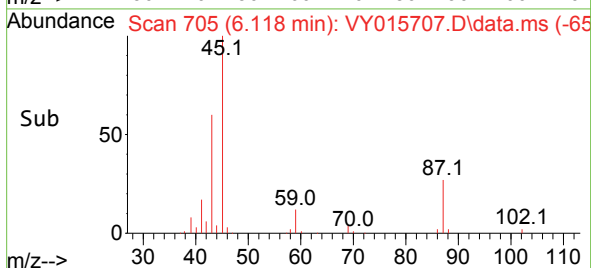
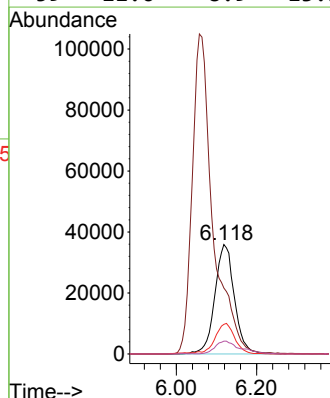
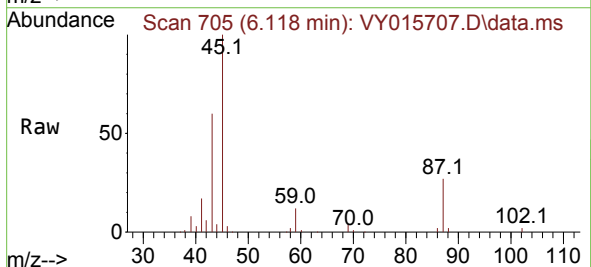
Instrument :
MSVOA_Y
ClientSampleId :

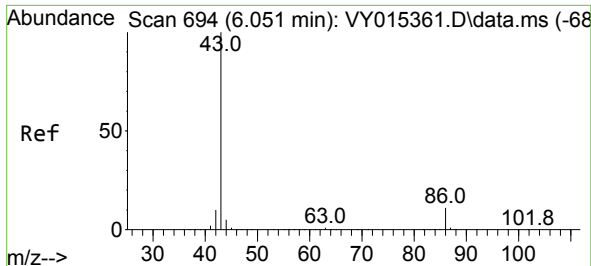
Tgt Ion: 96 Resp: 30061
Ion Ratio Lower Upper
96 100
61 126.8 110.2 165.4
98 63.3 51.8 77.6



#22
Diisopropyl ether
Concen: 21.946 ug/l
RT: 6.118 min Scan# 705
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 45 Resp: 121245
Ion Ratio Lower Upper
45 100
43 59.6 52.2 78.4
87 27.1 21.0 31.6
59 11.6 8.9 13.3

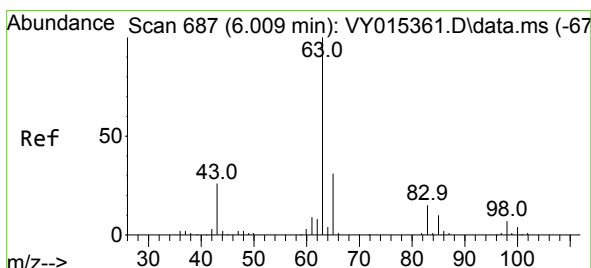
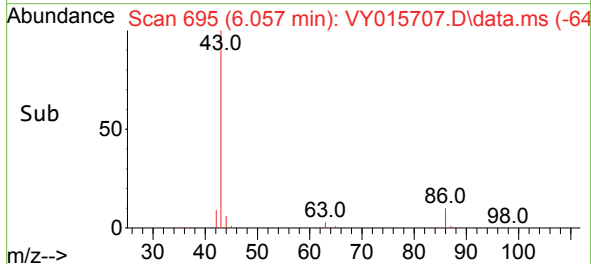
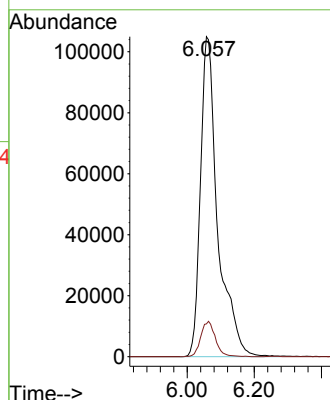
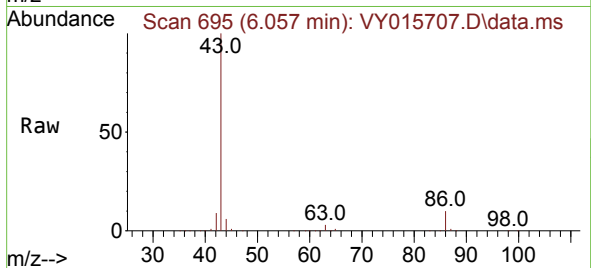




#23
 Vinyl Acetate
 Concen: 109.818 ug/l
 RT: 6.057 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY015707.D
 Acq: 26 Sep 2023 13:02

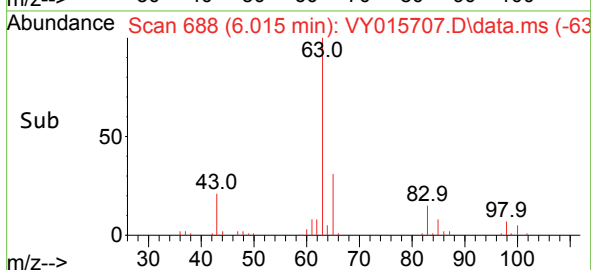
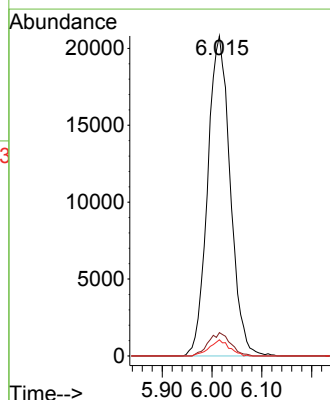
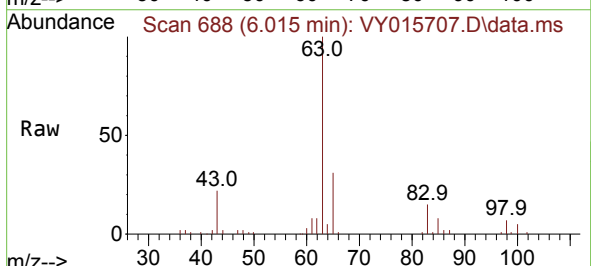
Instrument :
 MSVOA_Y
 ClientSampleId :

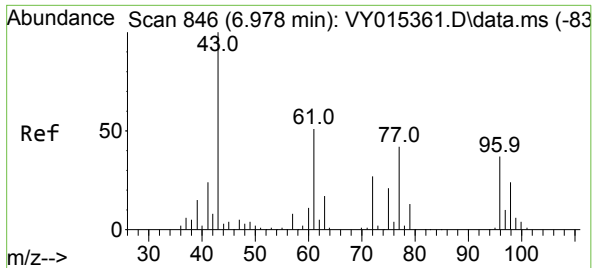
Tgt Ion: 43 Resp: 374484
 Ion Ratio Lower Upper
 43 100
 86 10.3 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.736 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. 0.012 min
 Lab File: VY015707.D
 Acq: 26 Sep 2023 13:02

Tgt Ion: 63 Resp: 65455
 Ion Ratio Lower Upper
 63 100
 98 7.3 3.1 9.4
 100 5.1 1.8 5.5

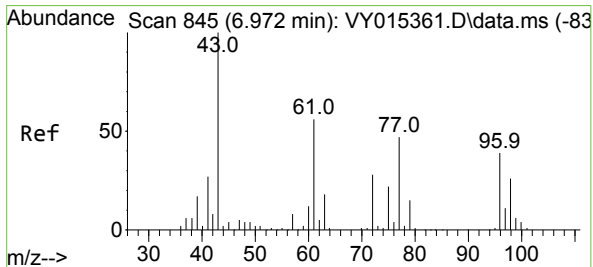
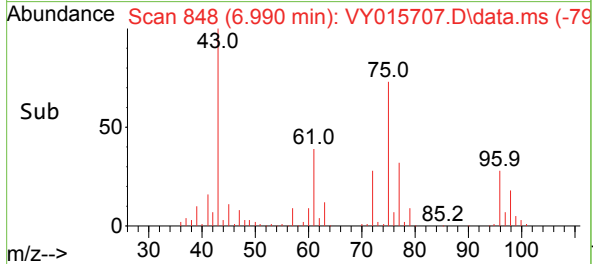
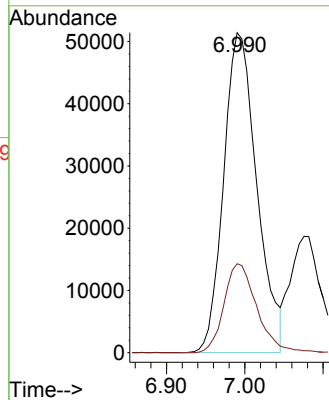
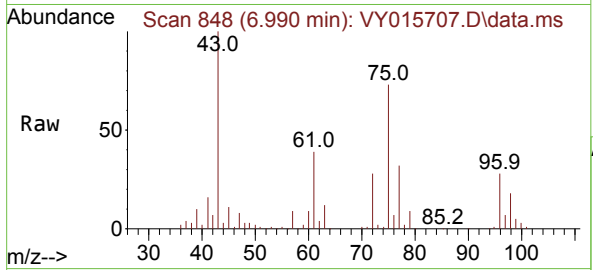




#25
2-Butanone
Concen: 127.593 ug/l
RT: 6.990 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

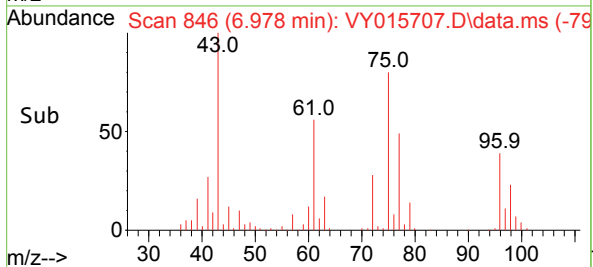
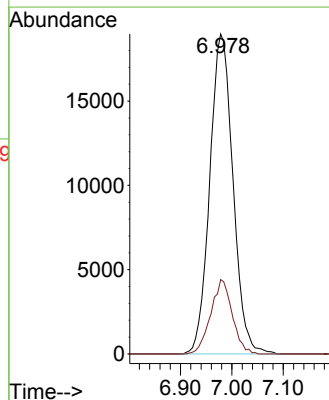
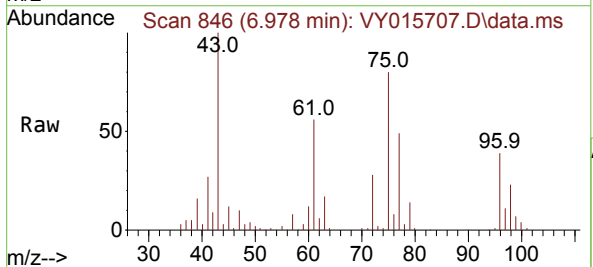
Instrument :
MSVOA_Y
ClientSampleId :

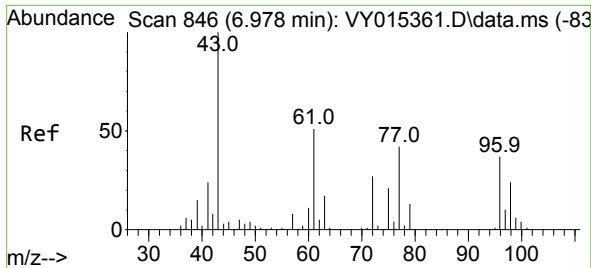
Tgt Ion: 43 Resp: 151556
Ion Ratio Lower Upper
43 100
72 27.8 20.5 30.7



#26
2,2-Dichloropropane
Concen: 21.608 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 77 Resp: 59473
Ion Ratio Lower Upper
77 100
97 21.6 10.9 32.9

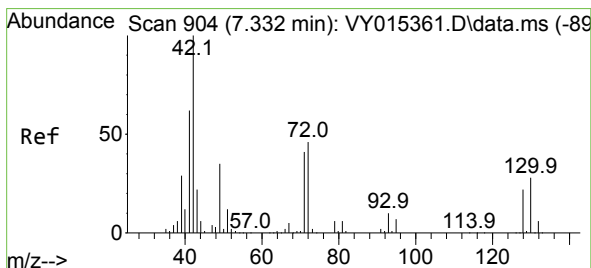
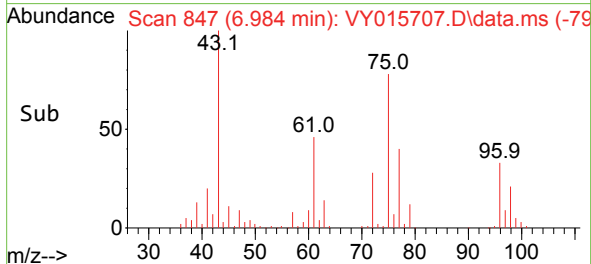
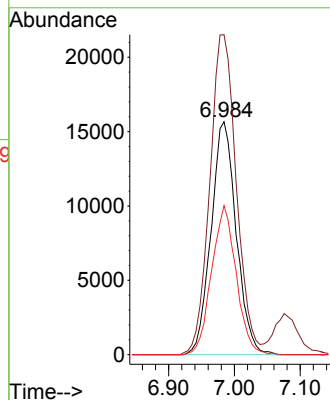
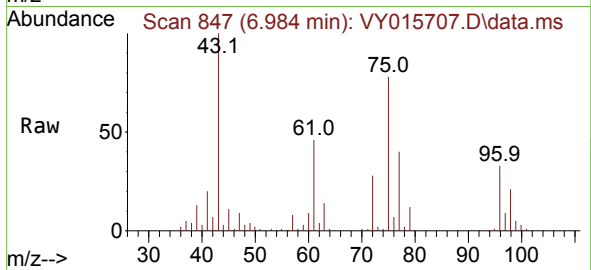




#27
 cis-1,2-Dichloroethene
 Concen: 21.937 ug/l
 RT: 6.984 min Scan# 846
 Delta R.T. 0.006 min
 Lab File: VY015707.D
 Acq: 26 Sep 2023 13:02

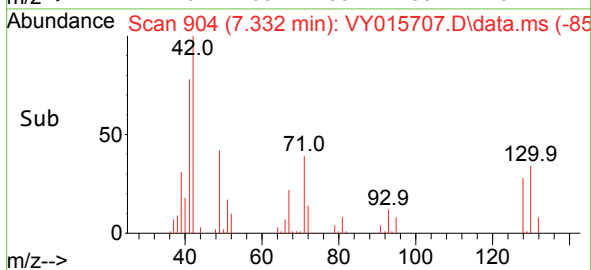
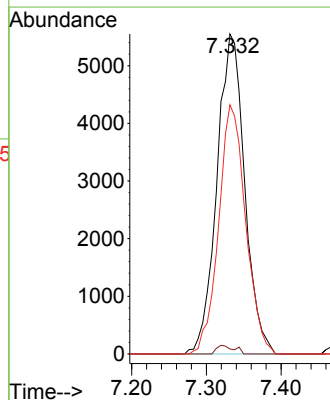
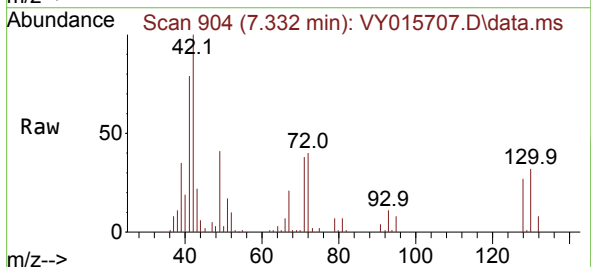
Instrument :
 MSVOA_Y
 ClientSampleId :

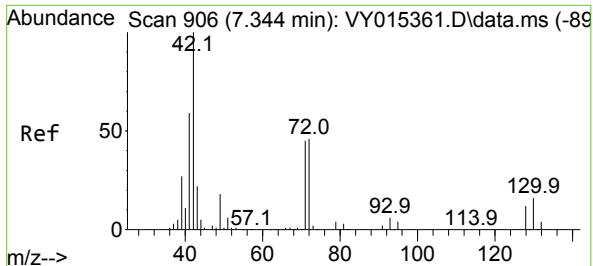
Tgt Ion: 96 Resp: 41796
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 301.4
 98 62.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 17.566 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY015707.D
 Acq: 26 Sep 2023 13:02

Tgt Ion: 49 Resp: 14351
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 4.6
 130 75.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 120.950 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

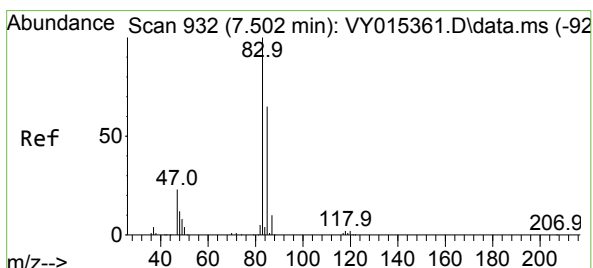
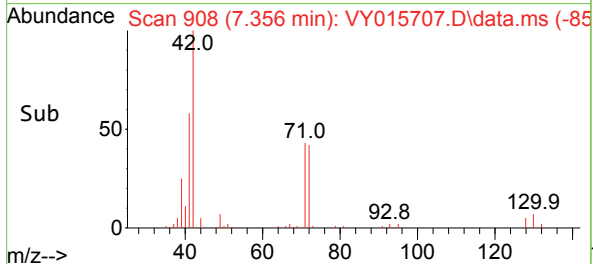
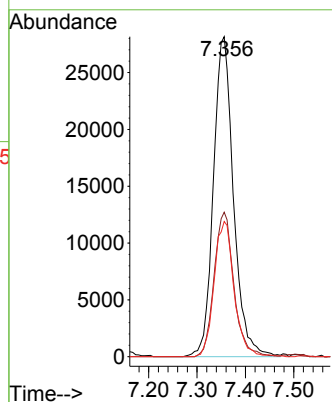
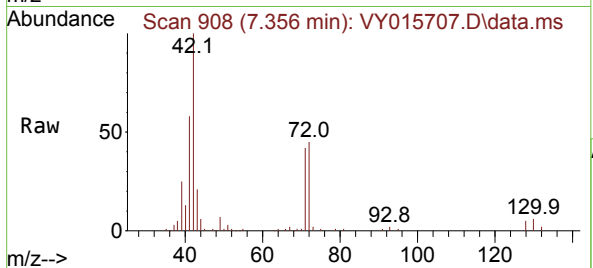
Tgt Ion: 42 Resp: 81201

Ion Ratio Lower Upper

42 100

72 44.4 32.8 49.2

71 42.0 31.0 46.4



#30

Chloroform

Concen: 22.173 ug/l

RT: 7.508 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015707.D

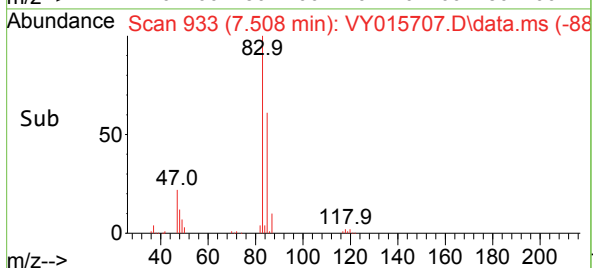
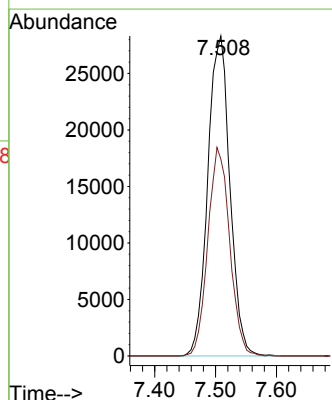
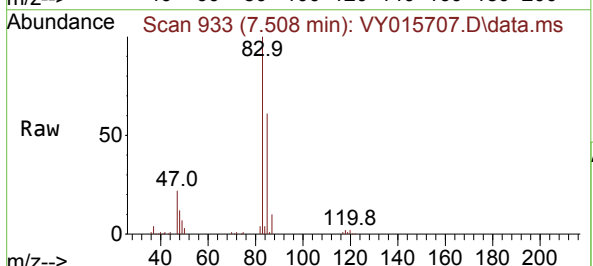
Acq: 26 Sep 2023 13:02

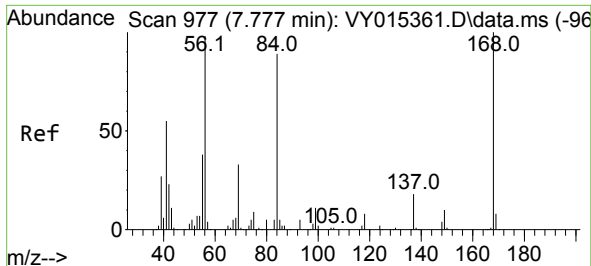
Tgt Ion: 83 Resp: 71503

Ion Ratio Lower Upper

83 100

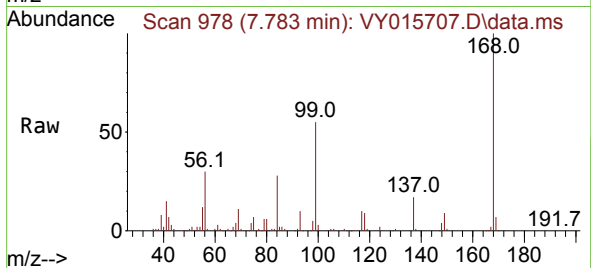
85 61.5 49.7 74.5



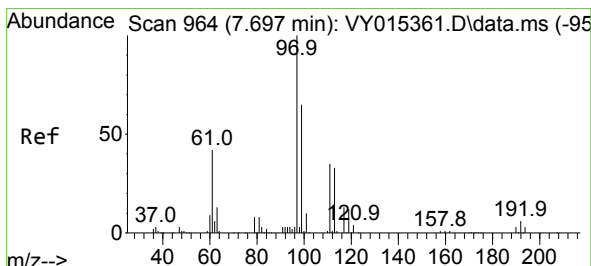
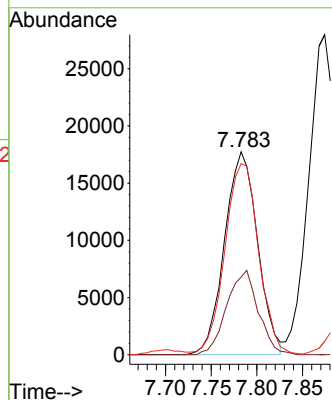
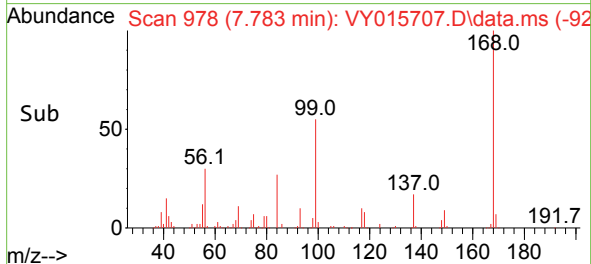


#31
Cyclohexane
Concen: 20.506 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :

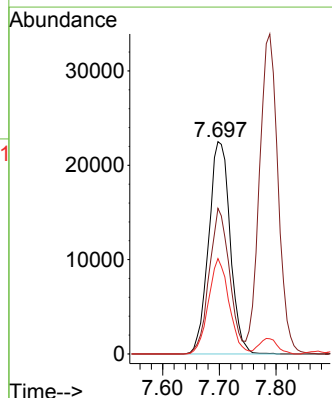
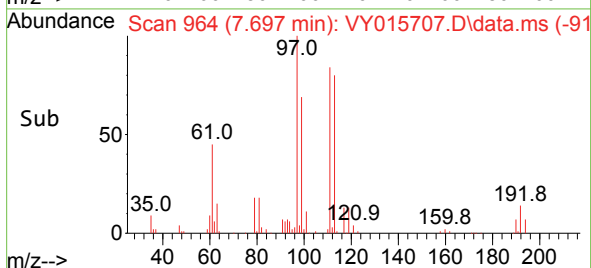
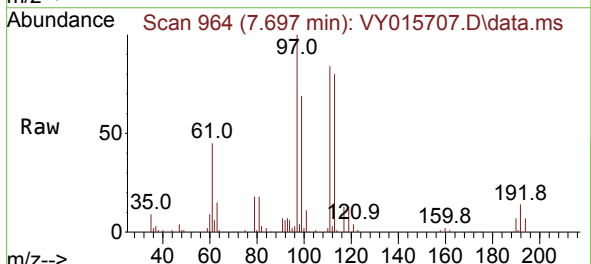


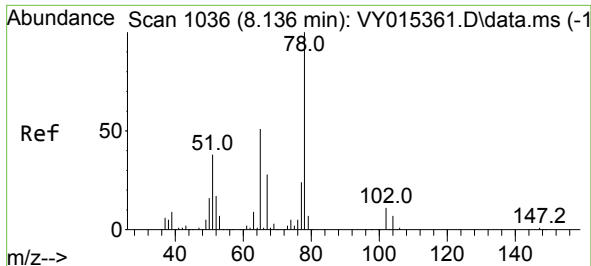
Tgt Ion: 56 Resp: 44608
Ion Ratio Lower Upper
56 100
69 38.2 27.8 41.6
84 92.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 22.240 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 97 Resp: 59207
Ion Ratio Lower Upper
97 100
99 65.4 50.8 76.2
61 43.1 35.1 52.7

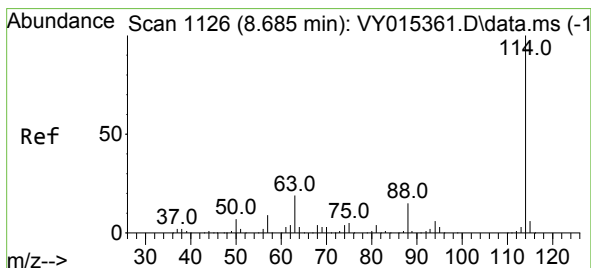
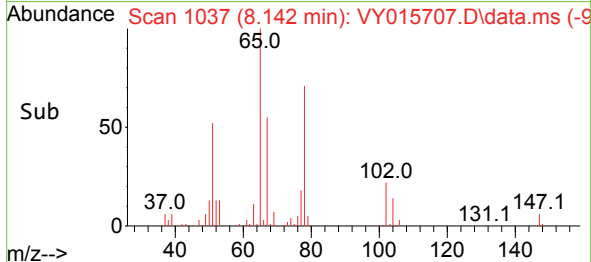
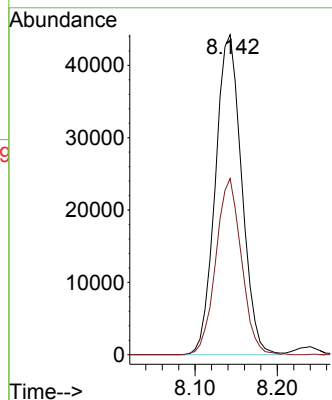
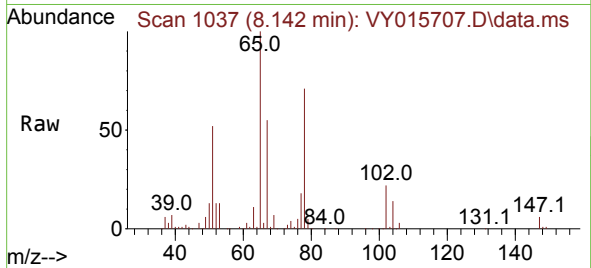




#33
1,2-Dichloroethane-d4
Concen: 62.621 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

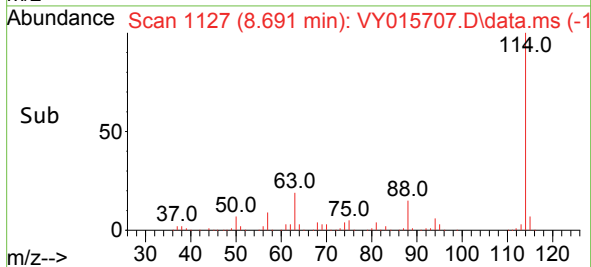
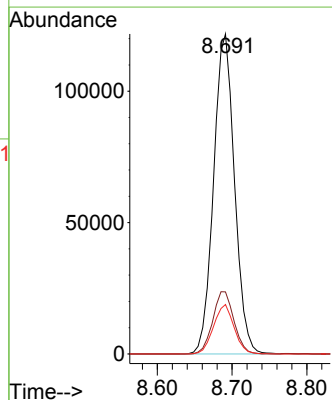
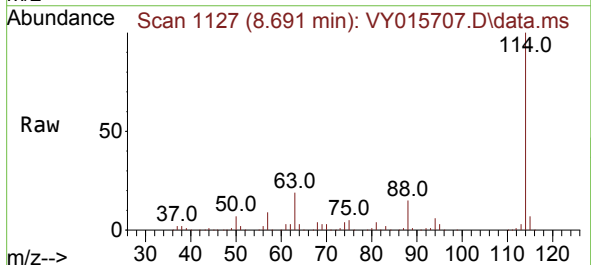
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 65 Resp: 98334
Ion Ratio Lower Upper
65 100
67 53.7 0.0 101.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 114 Resp: 237051
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.4
88 15.5 0.0 30.6

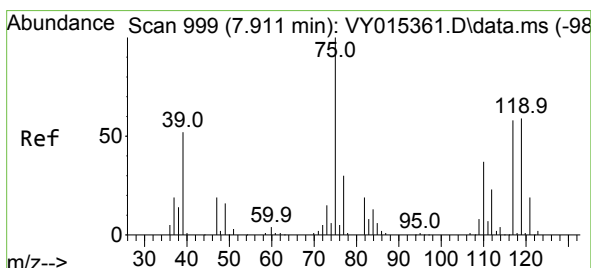
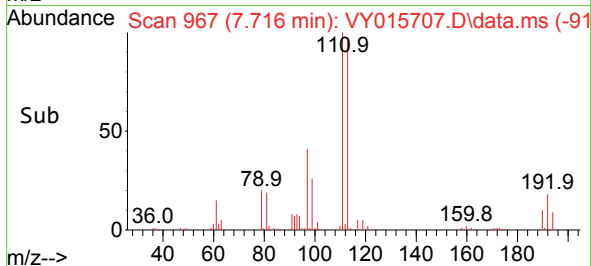
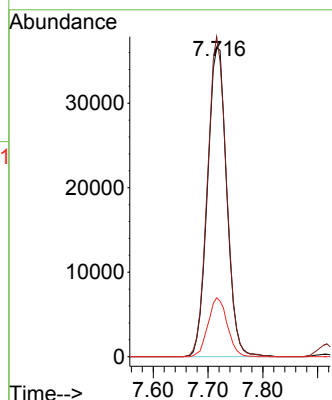
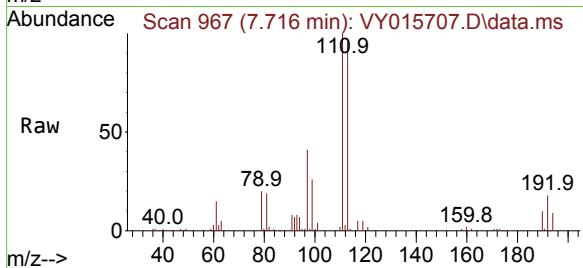




#35
Dibromofluoromethane
Concen: 62.783 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

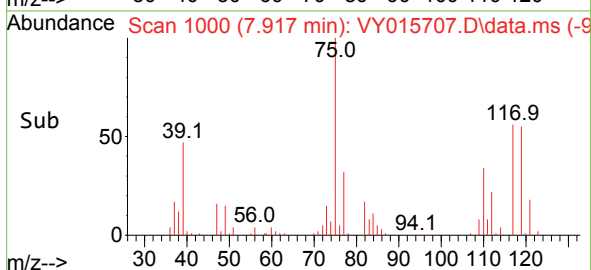
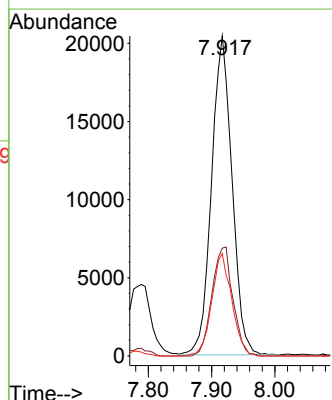
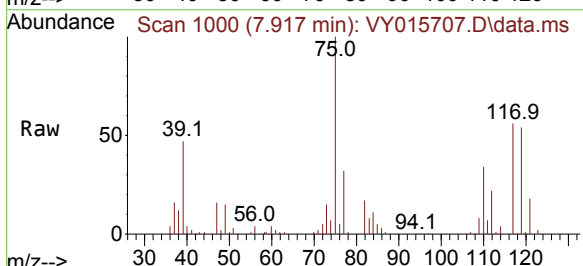
Instrument :
MSVOA_Y
ClientSampleId :

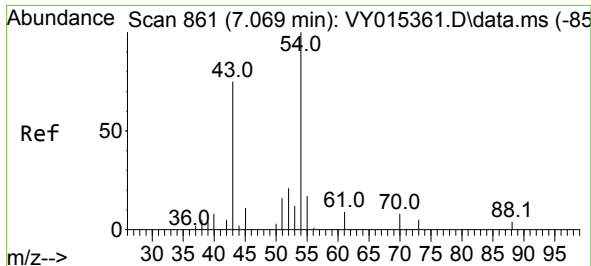
Tgt Ion:113 Resp: 89079
Ion Ratio Lower Upper
113 100
111 102.0 81.3 121.9
192 19.0 16.9 25.3



#36
1,1-Dichloropropene
Concen: 21.896 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 75 Resp: 45935
Ion Ratio Lower Upper
75 100
110 34.9 17.8 53.5
77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 25.239 ug/l

RT: 7.076 min Scan# 8

Delta R.T. 0.013 min

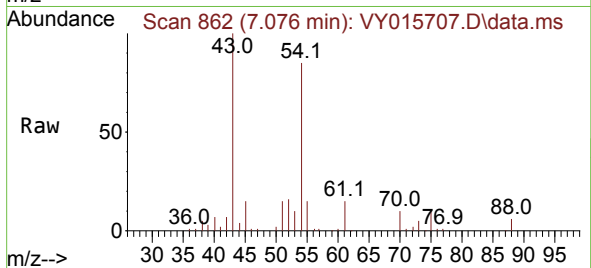
Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

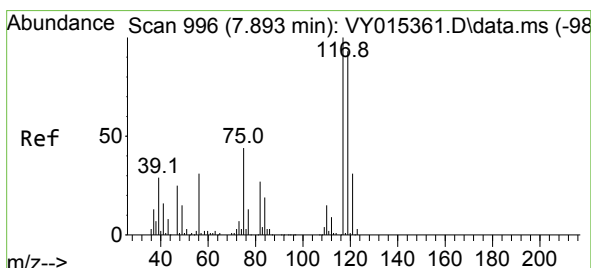
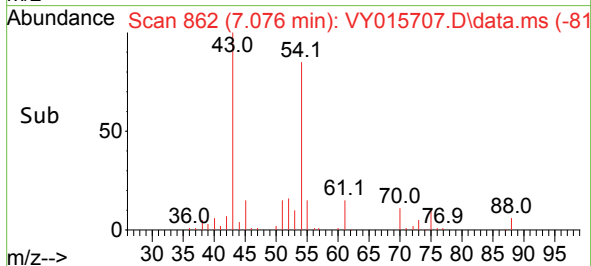
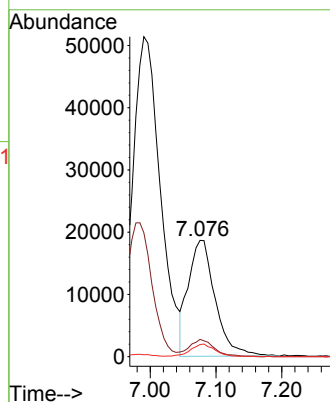
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 43	Resp: 52813
Ion Ratio	Lower Upper
43	100
61	14.1 10.1 15.1
70	10.1 7.1 10.7



#38

Carbon Tetrachloride

Concen: 22.492 ug/l

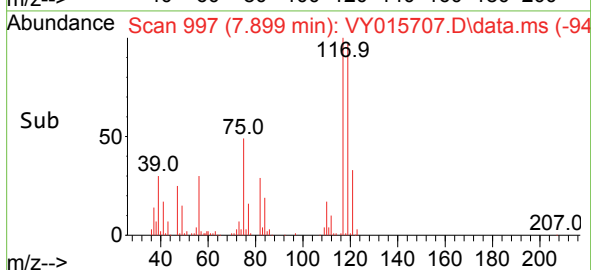
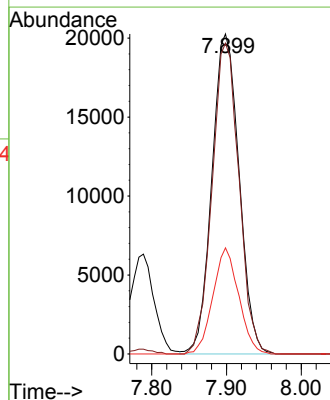
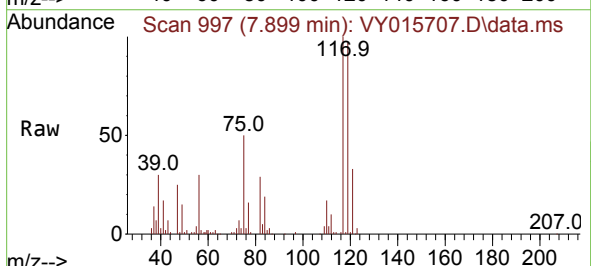
RT: 7.899 min Scan# 997

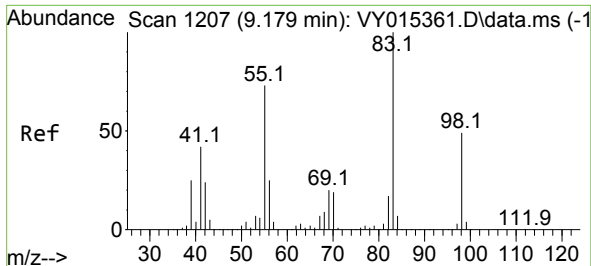
Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Tgt Ion: 117	Resp: 51218
Ion Ratio	Lower Upper
117	100
119	97.1 76.4 114.6
121	33.2 25.8 38.6





#39

Methylcyclohexane

Concen: 21.149 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

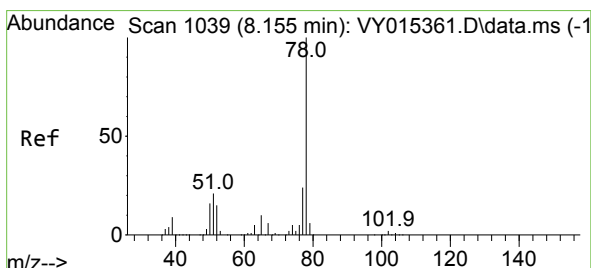
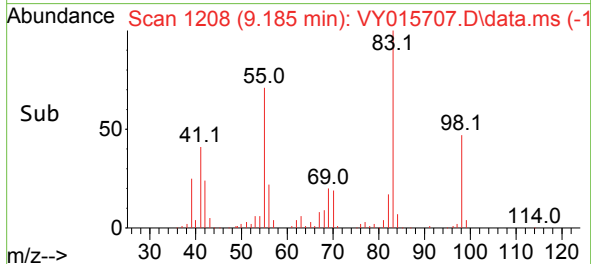
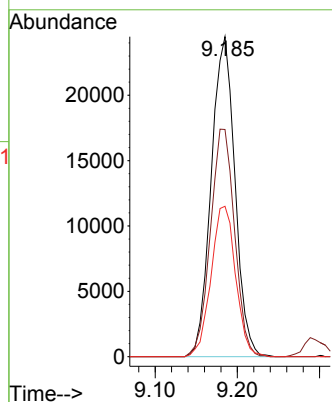
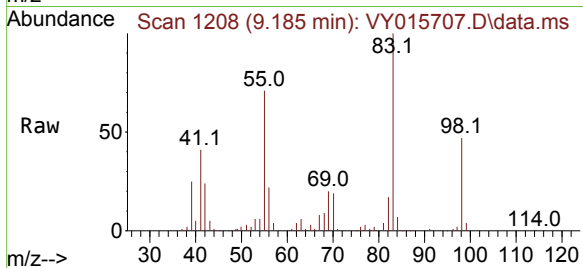
Tgt Ion: 83 Resp: 49073

Ion Ratio Lower Upper

83 100

55 71.0 63.0 94.4

98 47.0 37.4 56.2



#40

Benzene

Concen: 21.842 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.012 min

Lab File: VY015707.D

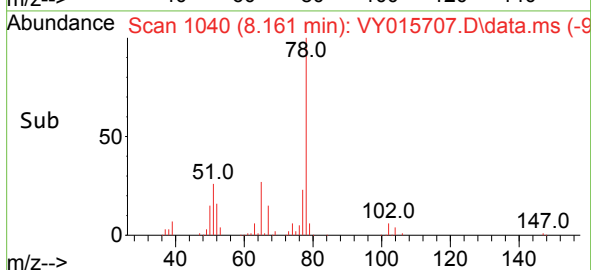
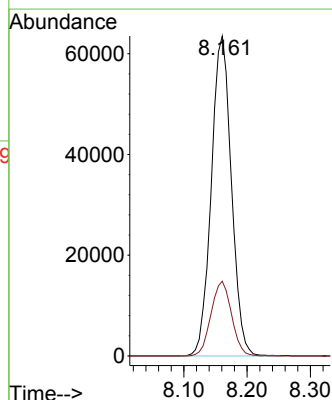
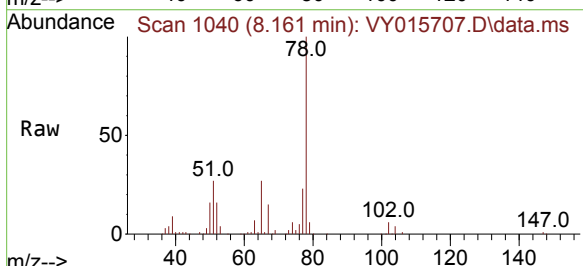
Acq: 26 Sep 2023 13:02

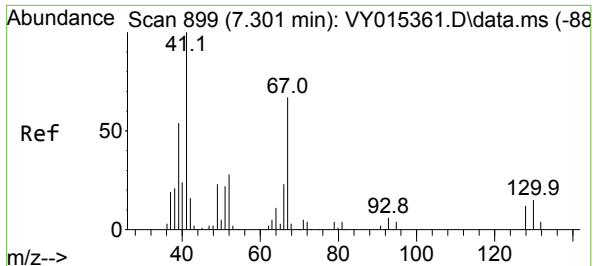
Tgt Ion: 78 Resp: 139734

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6

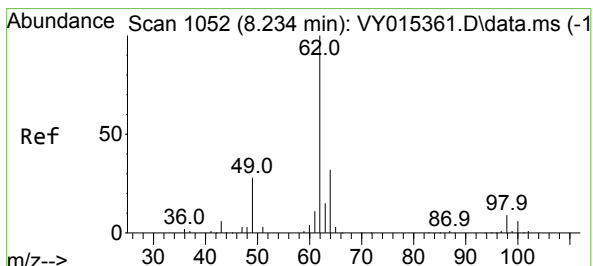
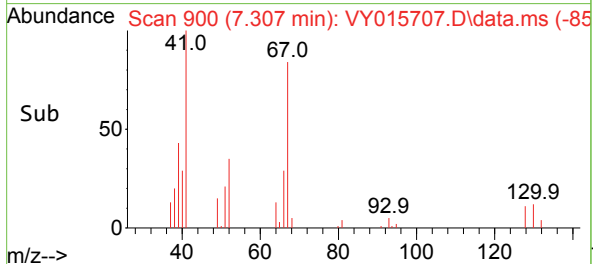
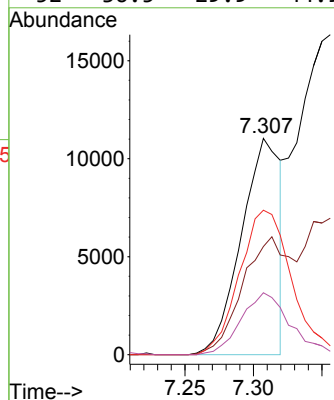
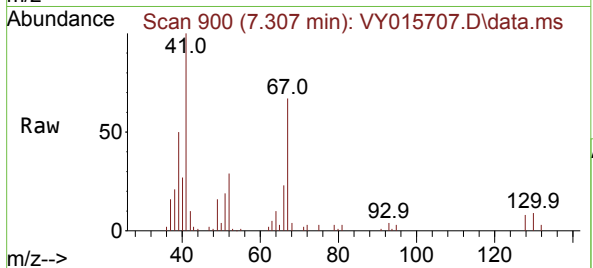




#41
Methacrylonitrile
Concen: 19.447 ug/l
RT: 7.307 min Scan# 900
Delta R.T. -0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

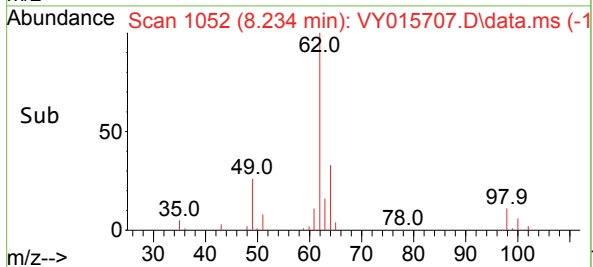
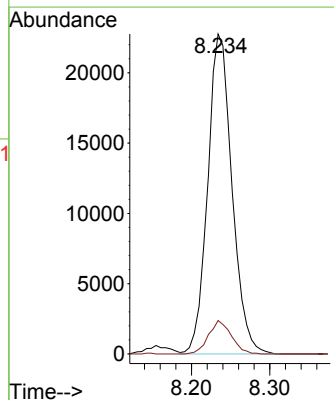
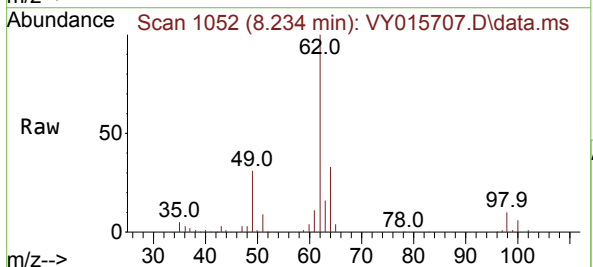
Instrument :
MSVOA_Y
ClientSampleId :

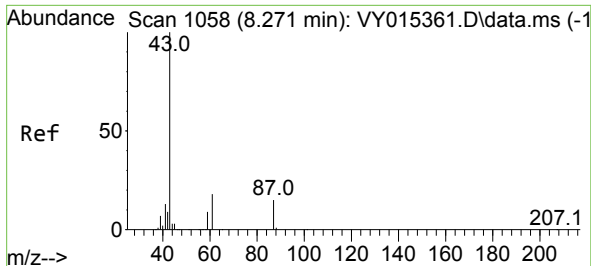
Tgt Ion: 41	Resp: 21911		
Ion	Ratio	Lower	Upper
41	100		
39	69.9	52.1	78.1
67	89.9	66.2	99.2
52	36.5	29.9	44.9



#42
1,2-Dichloroethane
Concen: 22.421 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

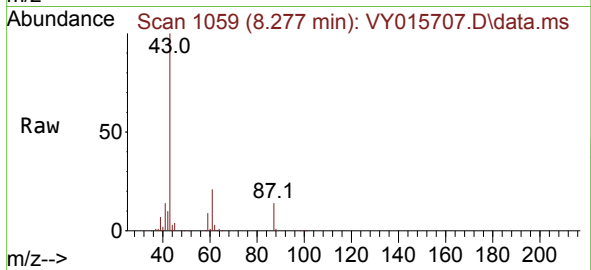
Tgt Ion: 62	Resp: 49125
Ion Ratio	Lower Upper
62 100	
98 9.8	0.0 15.8



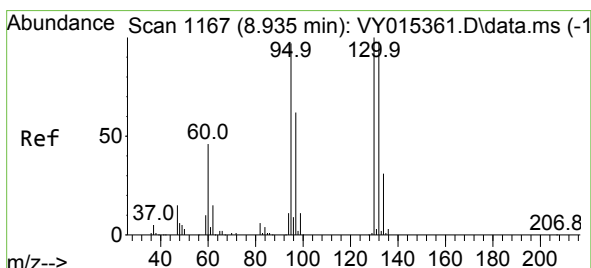
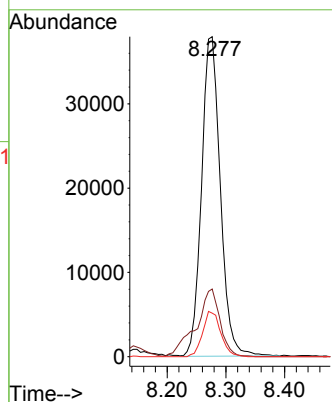
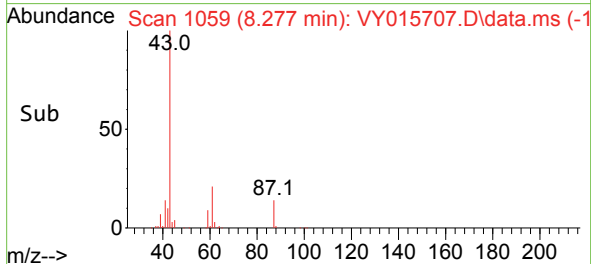


#43
Isopropyl Acetate
Concen: 23.585 ug/l
RT: 8.277 min Scan# 1105
Delta R.T. 0.013 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Instrument :
MSVOA_Y
ClientSampleId :

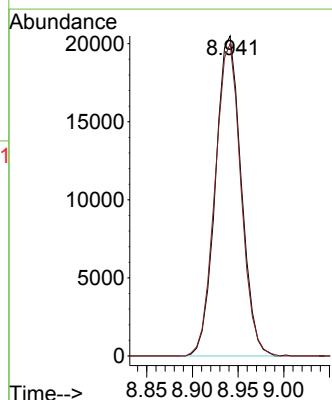
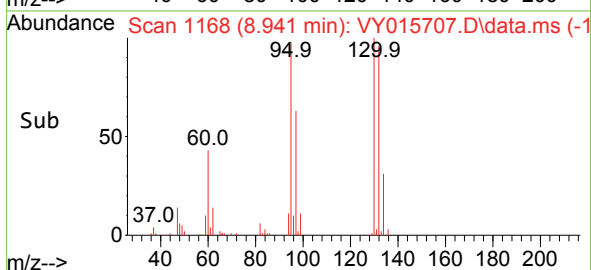
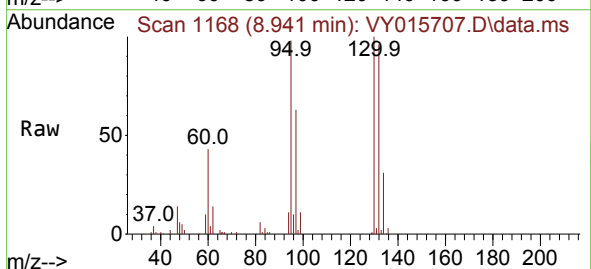


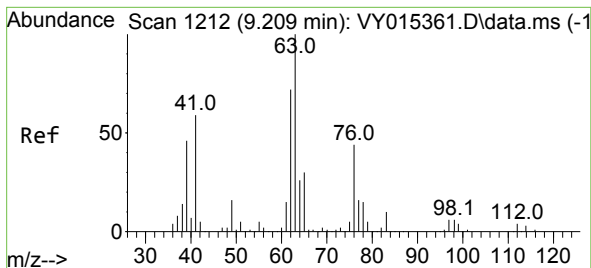
Tgt Ion: 43 Resp: 84303
Ion Ratio Lower Upper
43 100
61 27.2 21.1 31.7
87 13.7 9.8 14.8



#44
Trichloroethene
Concen: 22.435 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 130 Resp: 40087
Ion Ratio Lower Upper
130 100
95 97.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 22.100 ug/l

RT: 9.215 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

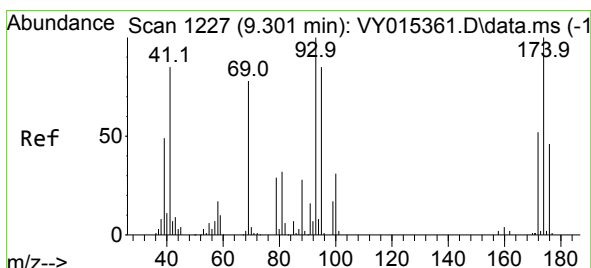
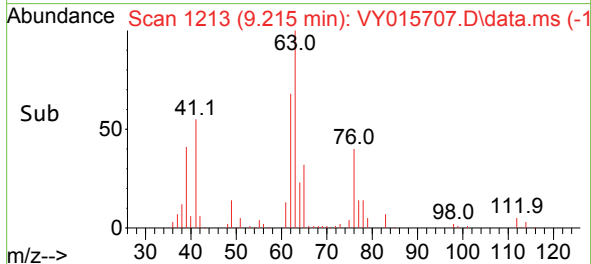
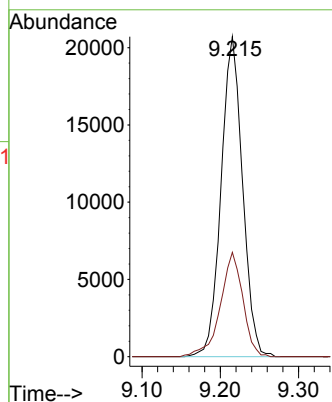
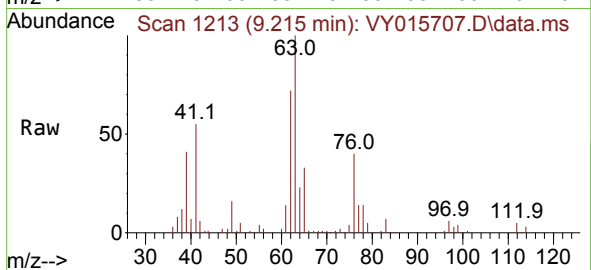
ClientSampleId :

Tgt Ion: 63 Resp: 39428

Ion Ratio Lower Upper

63 100

65 32.6 23.8 35.6



#46

Dibromomethane

Concen: 22.445 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.012 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

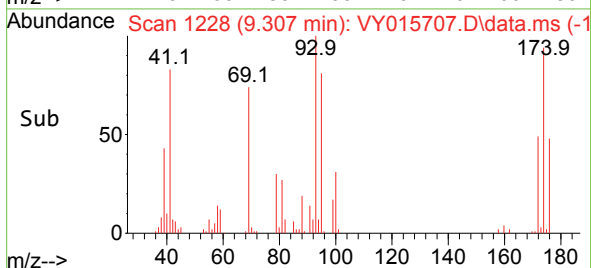
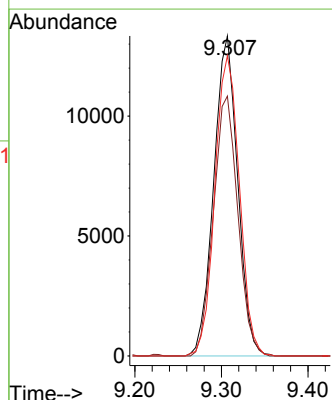
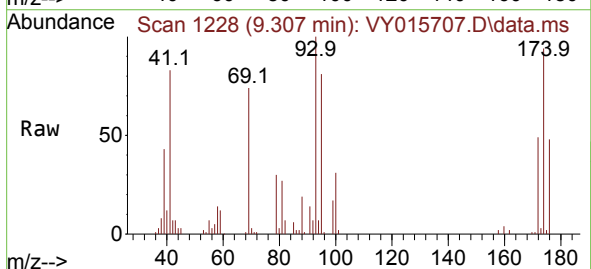
Tgt Ion: 93 Resp: 25615

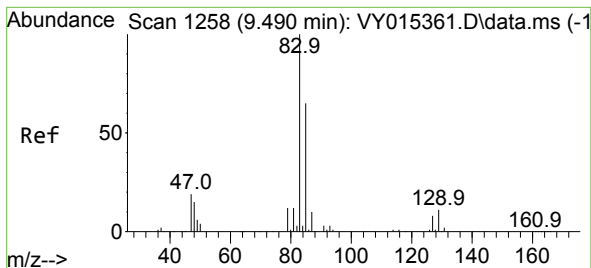
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 96.3 84.8 127.2





#47

Bromodichloromethane

Concen: 22.577 ug/l

RT: 9.496 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015707.D

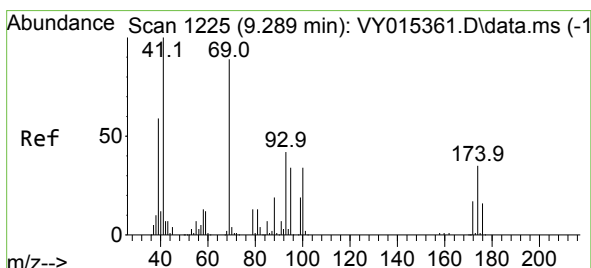
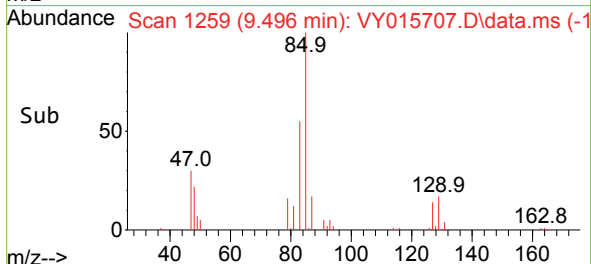
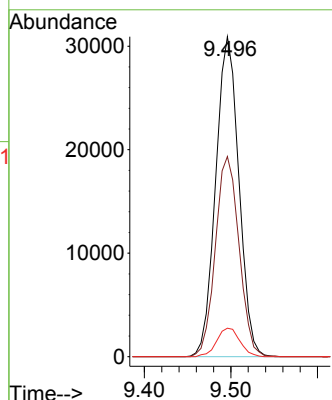
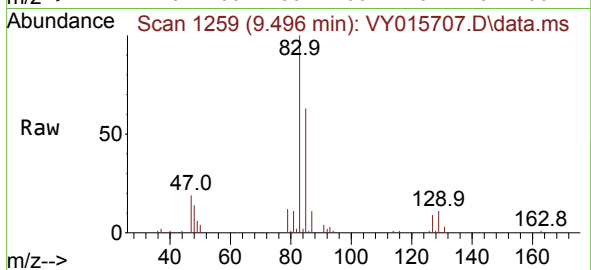
Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	57430
Ion	Ratio	Lower	Upper
83	100		
85	62.5	50.1	75.1
127	8.9	7.1	10.7



#48

Methyl methacrylate

Concen: 23.454 ug/l

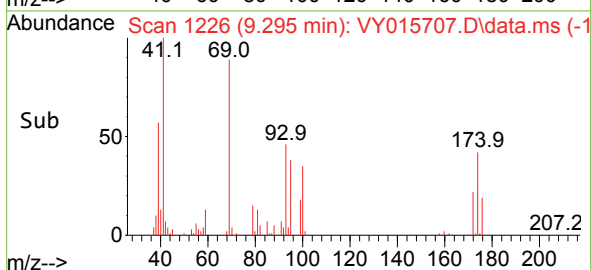
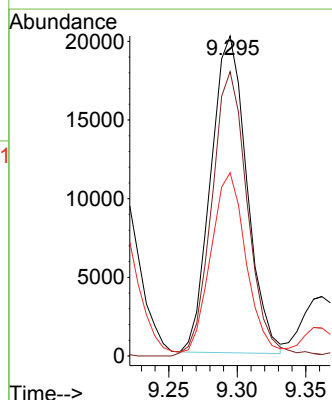
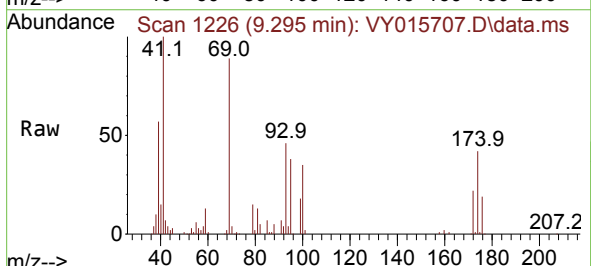
RT: 9.295 min Scan# 1226

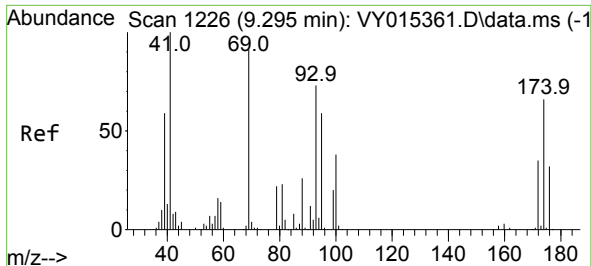
Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Tgt Ion:	41	Resp:	36798
Ion	Ratio	Lower	Upper
41	100		
69	89.3	64.5	96.7
39	57.1	50.8	76.2





#49

1,4-Dioxane

Concen: 568.843 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

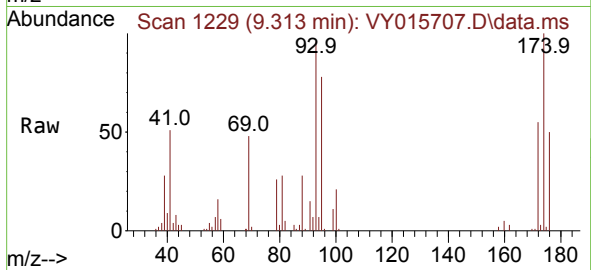
Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :



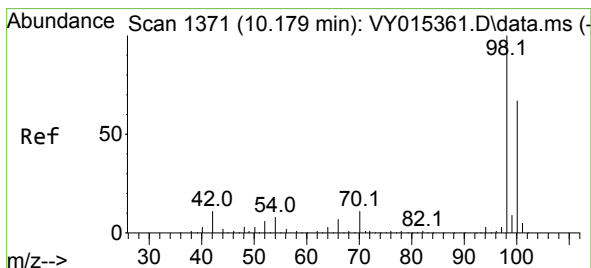
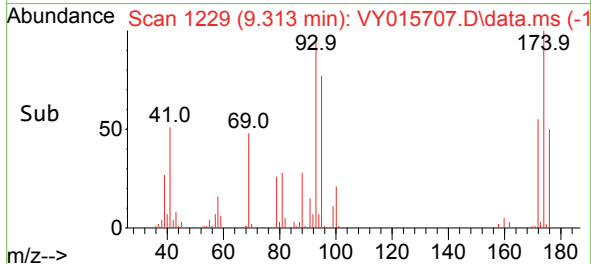
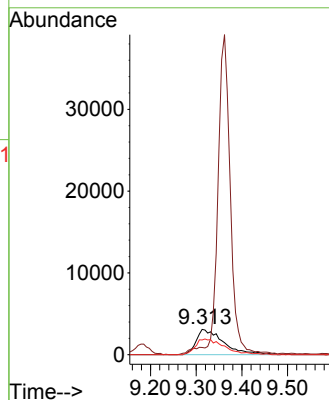
Tgt Ion: 88 Resp: 12825

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 65.3 30.9 46.3#



#50

Toluene-d8

Concen: 66.250 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015707.D

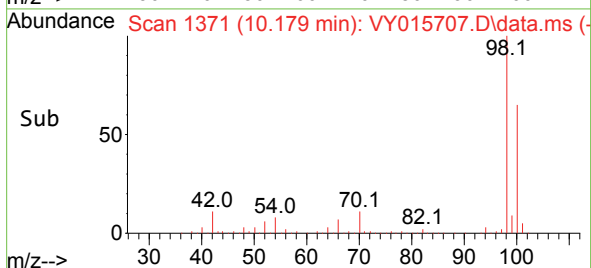
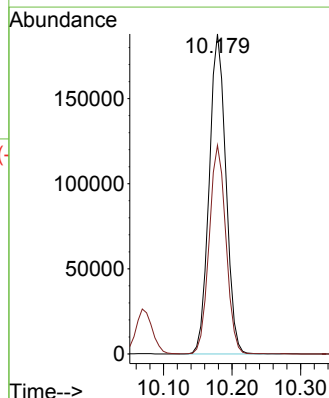
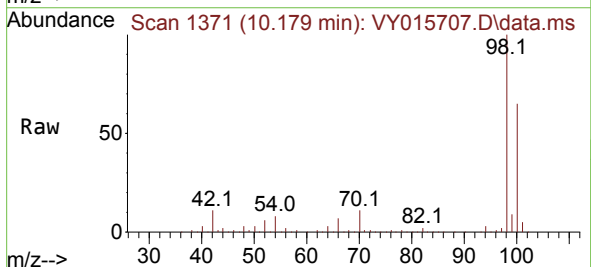
Acq: 26 Sep 2023 13:02

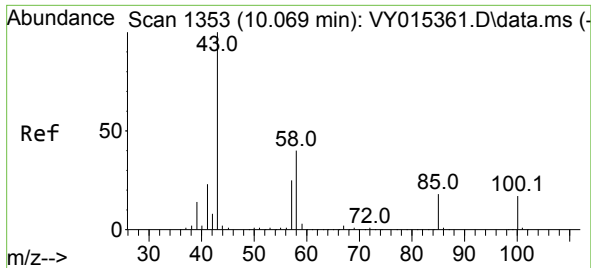
Tgt Ion: 98 Resp: 318714

Ion Ratio Lower Upper

98 100

100 65.3 50.1 75.1

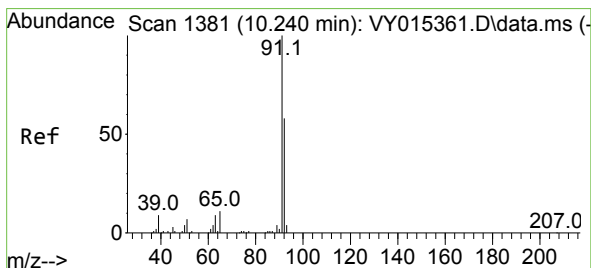
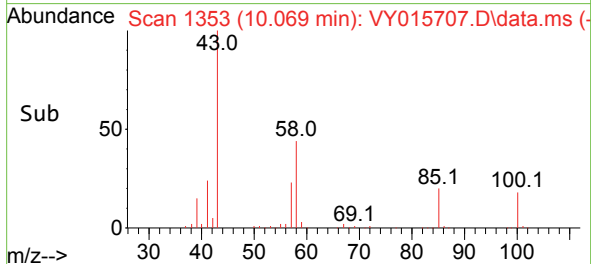
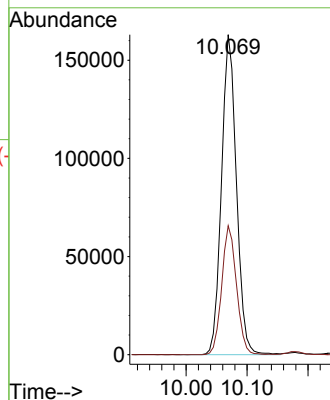
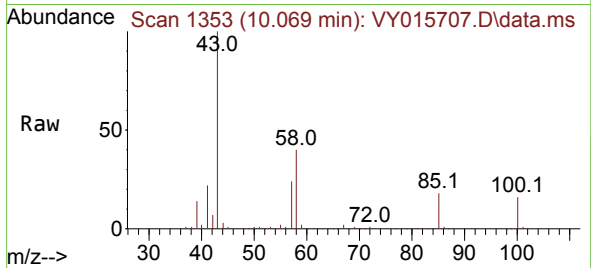




#51
4-Methyl-2-Pentanone
Concen: 125.013 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

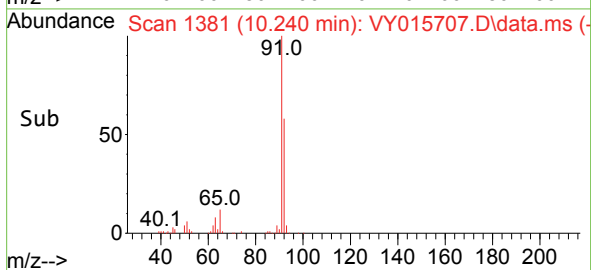
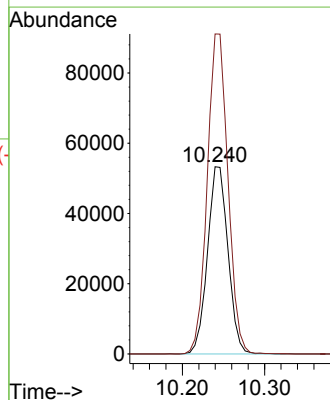
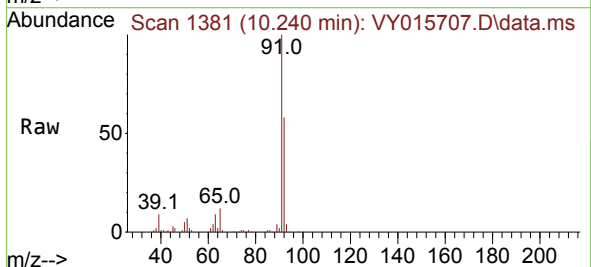
Instrument :
MSVOA_Y
ClientSampleId :

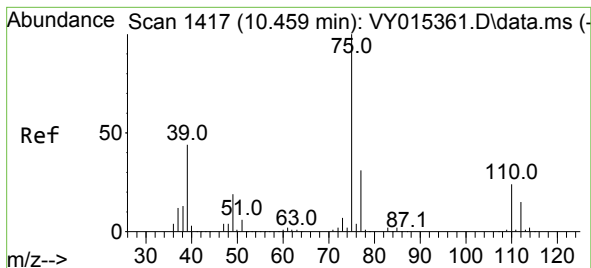
Tgt Ion: 43 Resp: 276964
Ion Ratio Lower Upper
43 100
58 39.8 29.0 43.6



#52
Toluene
Concen: 22.369 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 92 Resp: 92258
Ion Ratio Lower Upper
92 100
91 172.7 143.8 215.6





#53

t-1,3-Dichloropropene

Concen: 22.315 ug/l

RT: 10.465 min Scan# 1417

Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

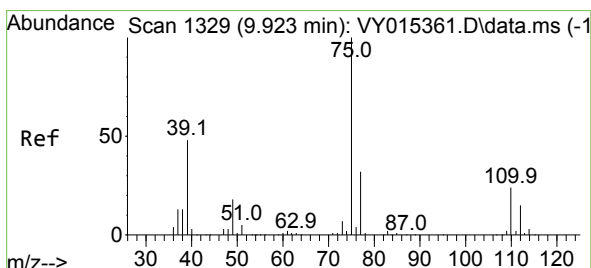
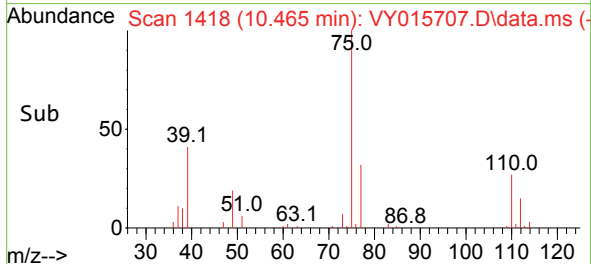
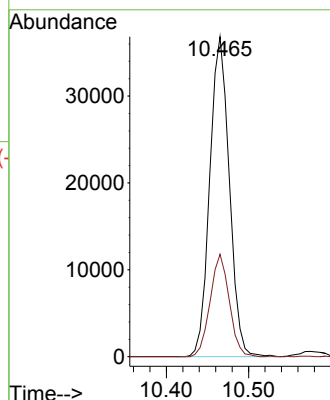
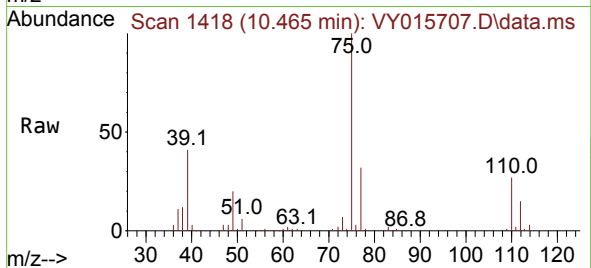
ClientSampleId :

Tgt Ion: 75 Resp: 60871

Ion Ratio Lower Upper

75 100

77 32.0 25.0 37.4



#54

cis-1,3-Dichloropropene

Concen: 22.060 ug/l

RT: 9.929 min Scan# 1330

Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

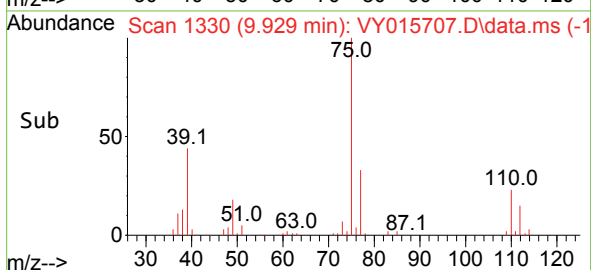
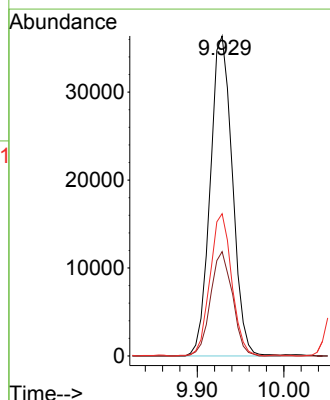
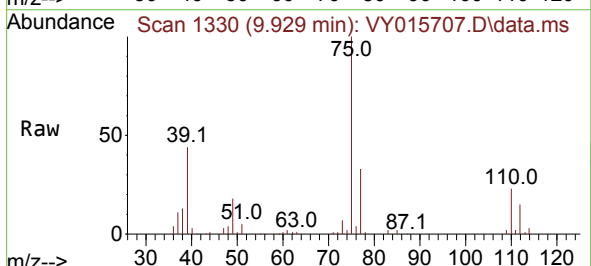
Tgt Ion: 75 Resp: 64776

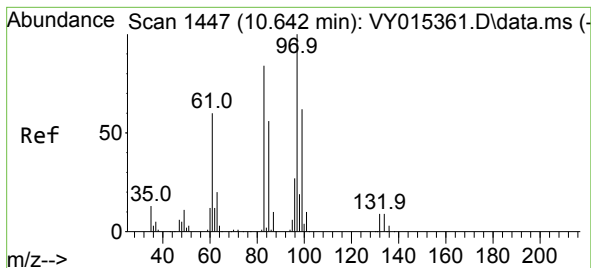
Ion Ratio Lower Upper

75 100

77 32.6 24.2 36.4

39 44.3 42.2 63.4

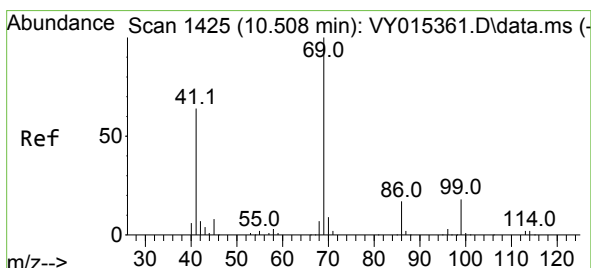
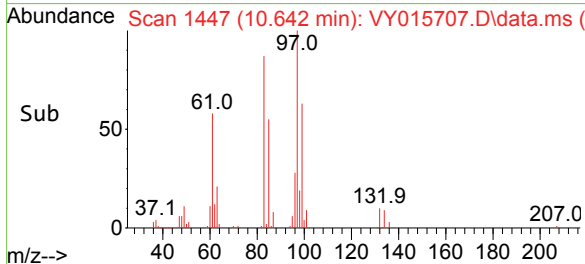
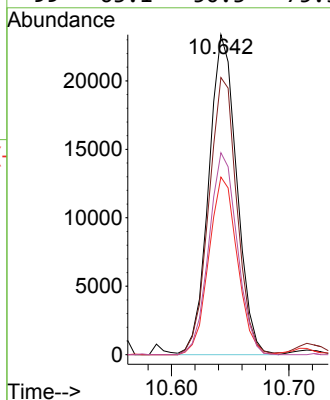
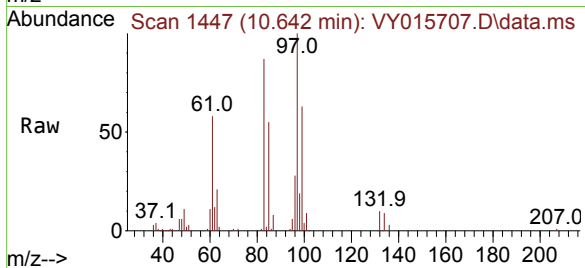




#55
1,1,2-Trichloroethane
Concen: 23.143 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

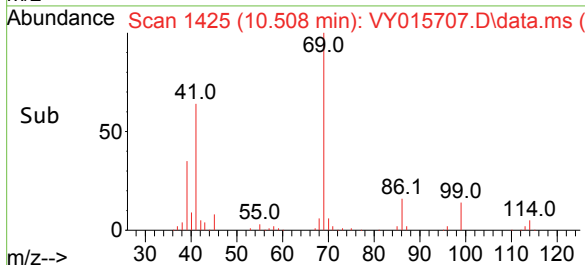
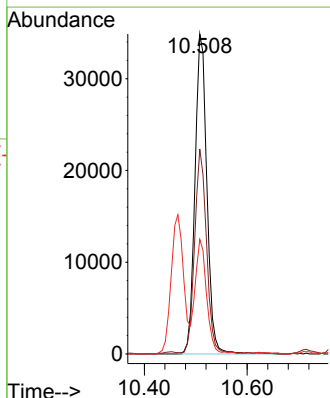
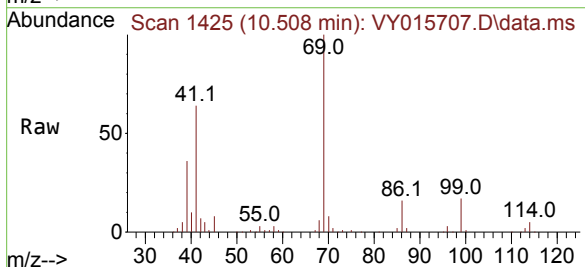
Instrument :
MSVOA_Y
ClientSampleId :

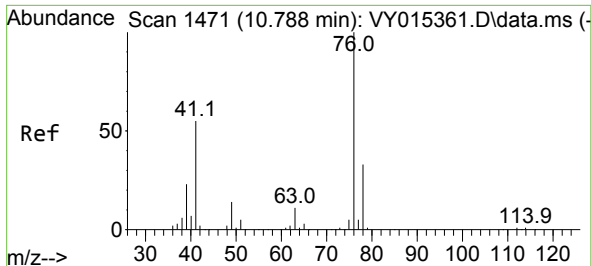
Tgt Ion:	97	Resp:	38705
Ion	Ratio	Lower	Upper
97	100		
83	86.6	72.0	108.0
85	55.5	45.4	68.0
99	63.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 22.836 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion:	69	Resp:	56283
Ion	Ratio	Lower	Upper
69	100		
41	63.2	57.6	86.4
39	34.4	34.1	51.1





#57

1,3-Dichloropropane

Concen: 22.824 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

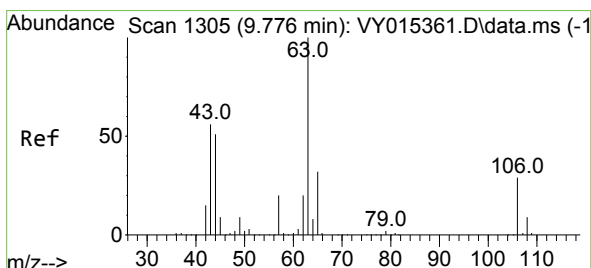
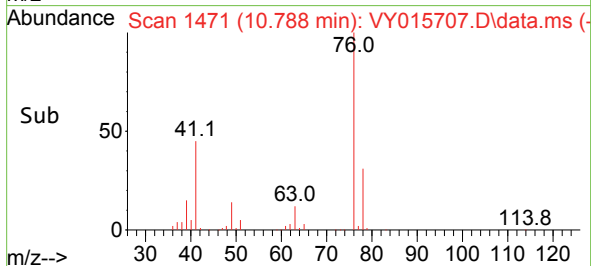
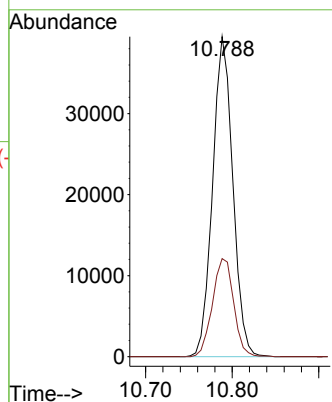
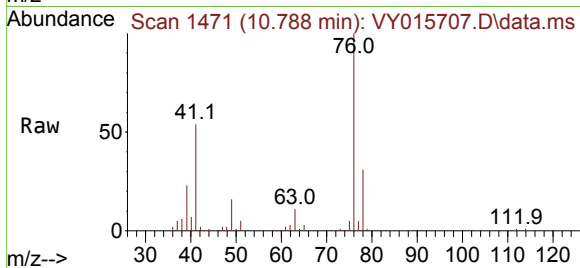
ClientSampleId :

Tgt Ion: 76 Resp: 64012

Ion Ratio Lower Upper

76 100

78 32.2 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 97.177 ug/l

RT: 9.782 min Scan# 1306

Delta R.T. 0.006 min

Lab File: VY015707.D

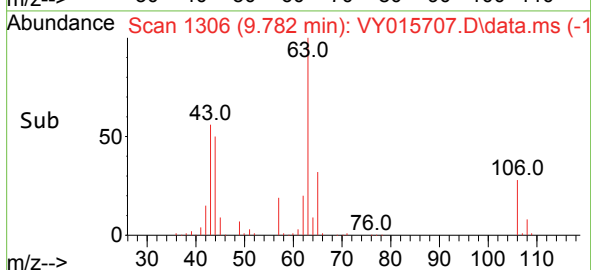
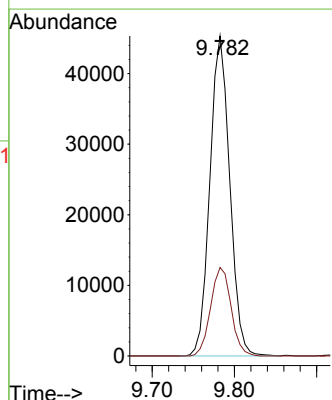
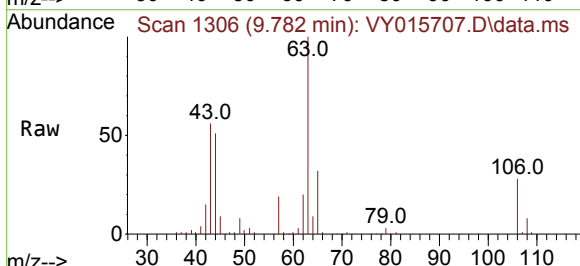
Acq: 26 Sep 2023 13:02

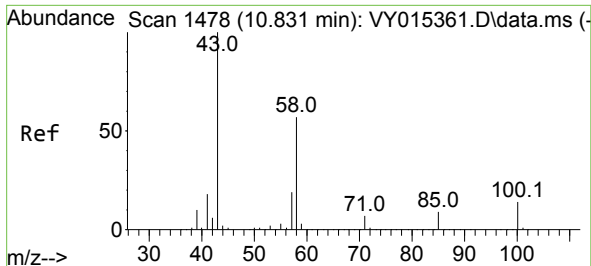
Tgt Ion: 63 Resp: 76078

Ion Ratio Lower Upper

63 100

106 28.5 21.2 31.8

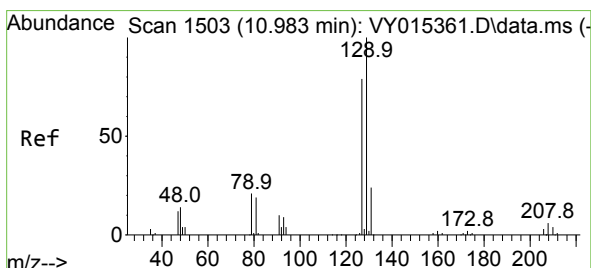
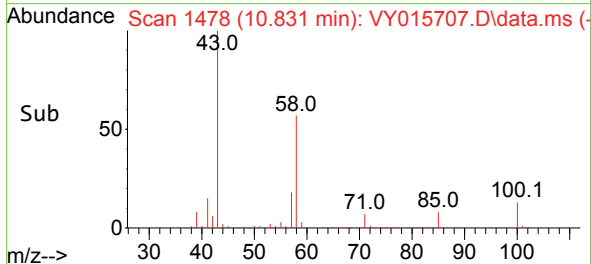
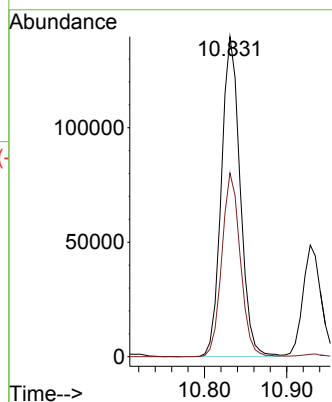
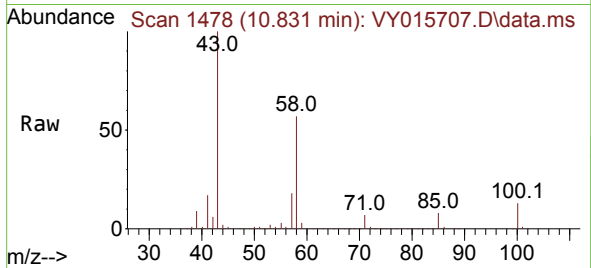




#59
2-Hexanone
Concen: 130.520 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

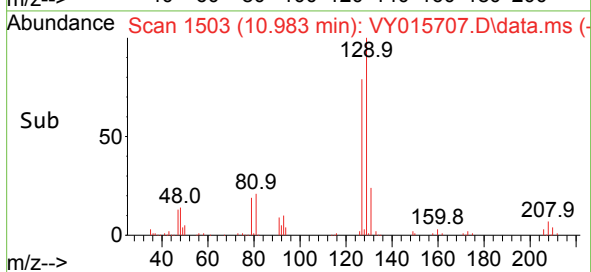
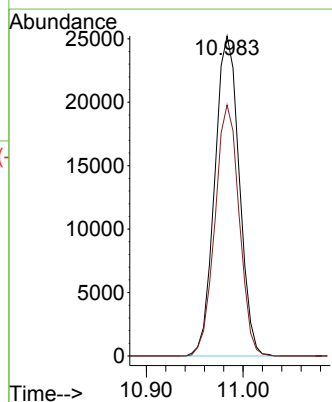
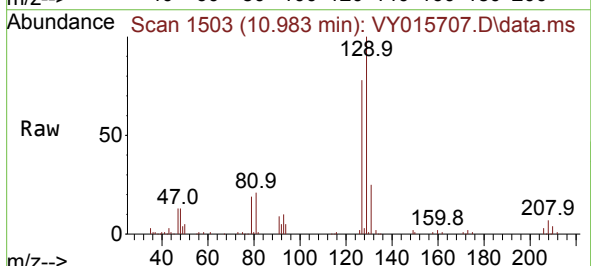
Instrument :
MSVOA_Y
ClientSampleId :

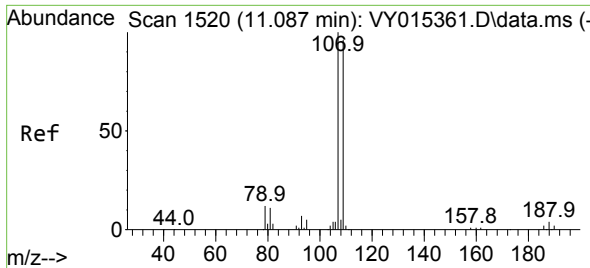
Tgt Ion: 43 Resp: 221851
Ion Ratio Lower Upper
43 100
58 56.6 25.1 75.3



#60
Dibromochloromethane
Concen: 22.693 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 129 Resp: 44303
Ion Ratio Lower Upper
129 100
127 77.5 38.5 115.5

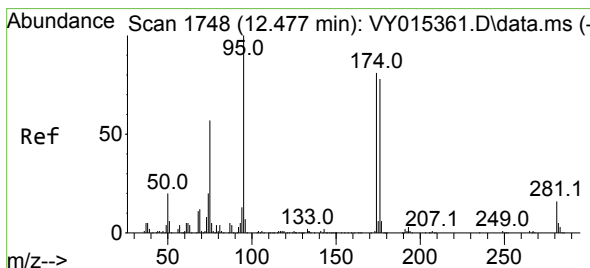
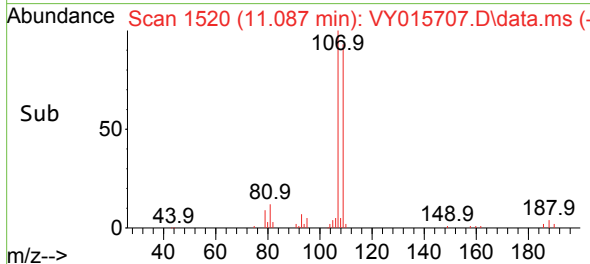
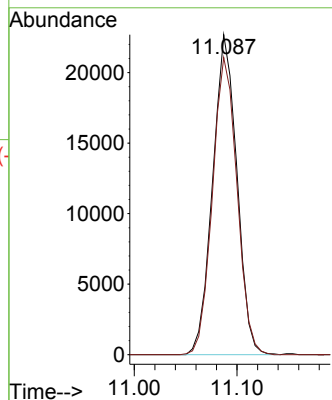
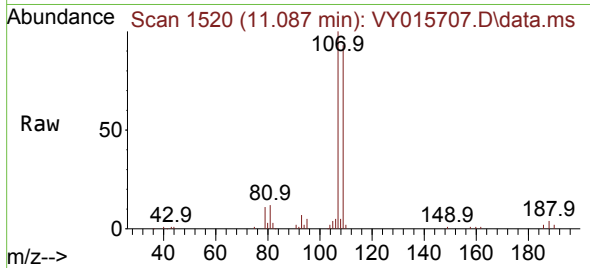




#61
1,2-Dibromoethane
Concen: 22.662 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

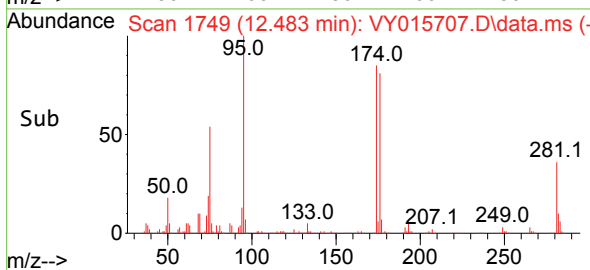
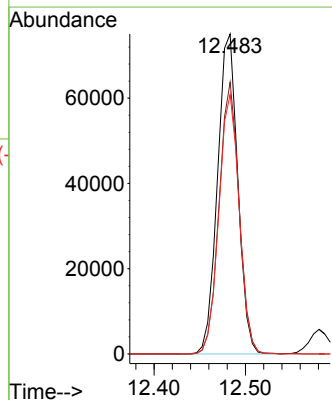
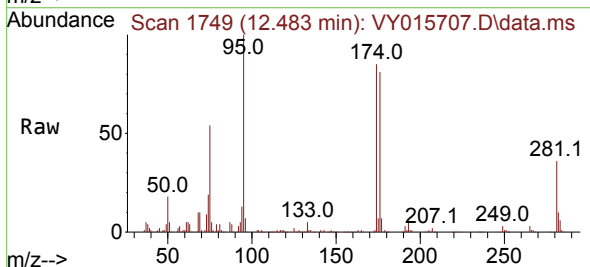
Instrument :
MSVOA_Y
ClientSampleId :

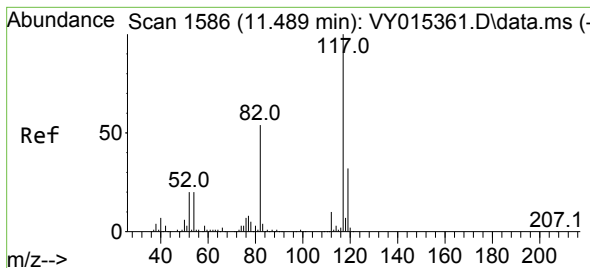
Tgt Ion:107 Resp: 37078
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 61.370 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 95 Resp: 115860
Ion Ratio Lower Upper
95 100
174 83.7 0.0 178.2
176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. 0.000 min

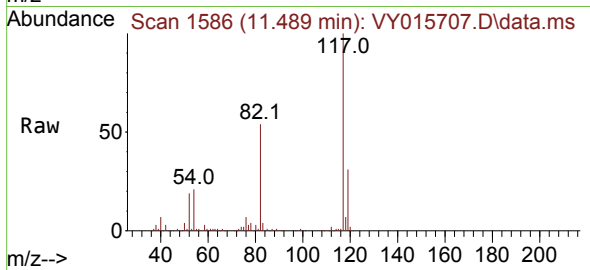
Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :



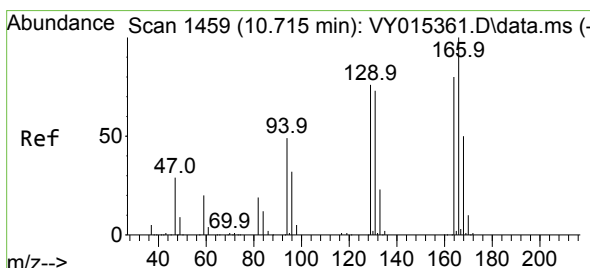
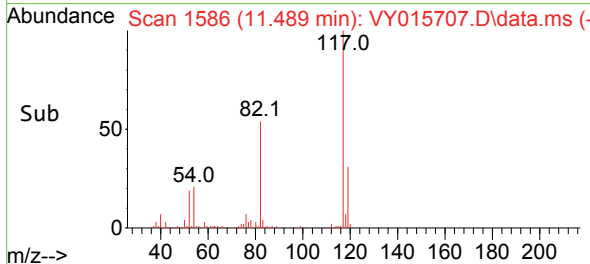
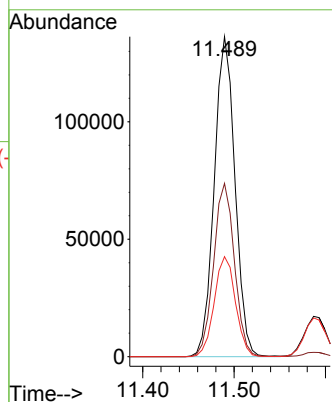
Tgt Ion:117 Resp: 214573

Ion Ratio Lower Upper

117 100

82 54.2 43.4 65.0

119 31.3 26.3 39.5



#64

Tetrachloroethene

Concen: 24.565 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Tgt Ion:164 Resp: 45224

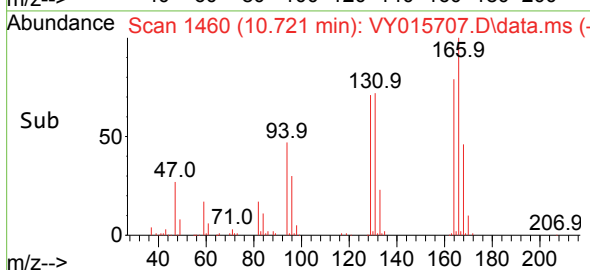
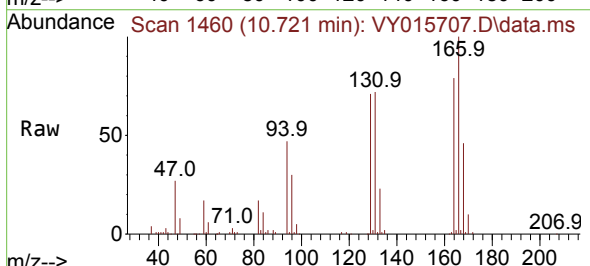
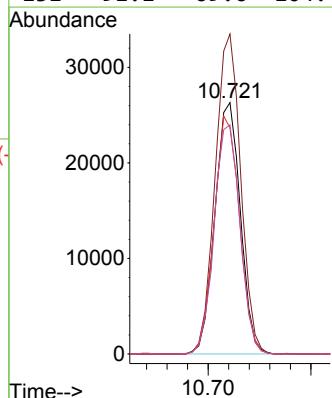
Ion Ratio Lower Upper

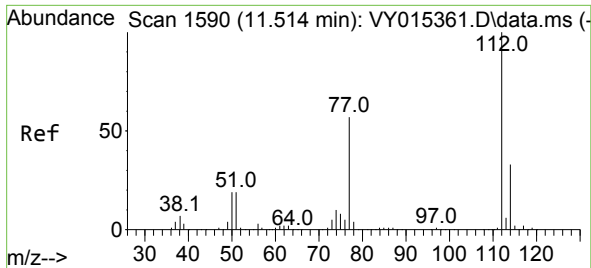
164 100

166 127.3 103.0 154.6

129 89.9 77.2 115.8

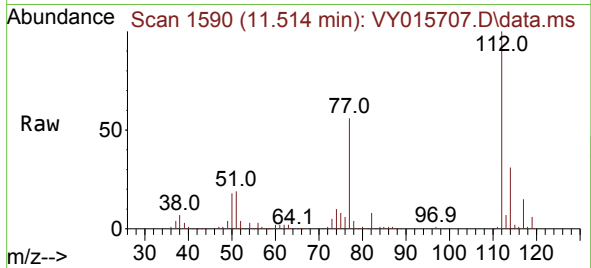
131 91.1 69.6 104.4



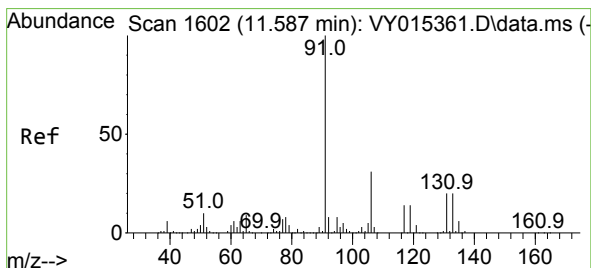
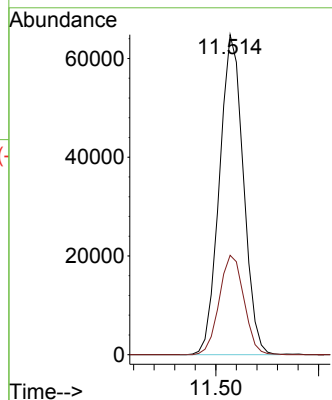
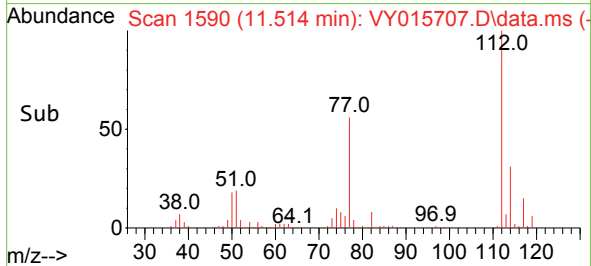


#65
Chlorobenzene
Concen: 22.378 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

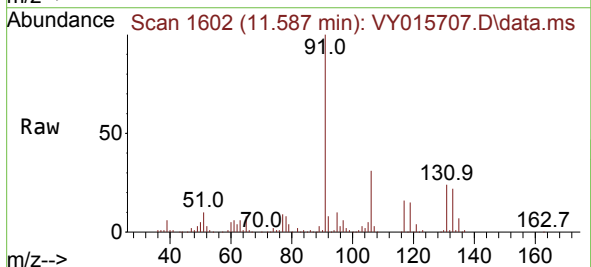
Instrument :
MSVOA_Y
ClientSampleId :



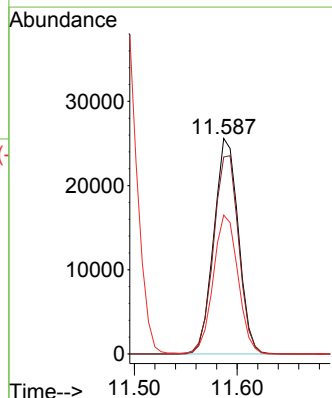
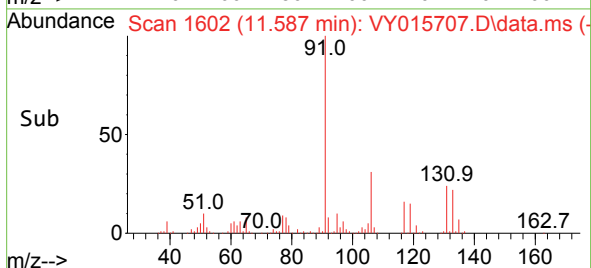
Tgt Ion:112 Resp: 104814
Ion Ratio Lower Upper
112 100
114 31.1 25.5 38.3

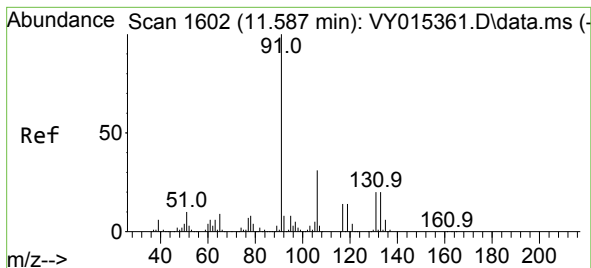


#66
1,1,1,2-Tetrachloroethane
Concen: 23.280 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02



Tgt Ion:131 Resp: 42354
Ion Ratio Lower Upper
131 100
133 94.9 47.5 142.6
119 65.3 31.6 94.7





#67

Ethyl Benzene

Concen: 22.751 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

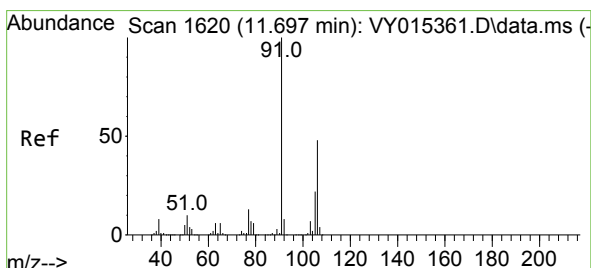
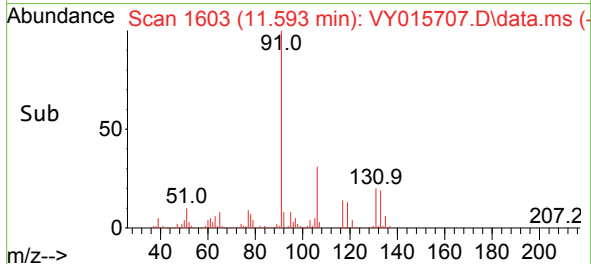
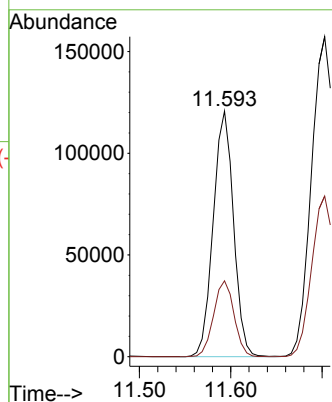
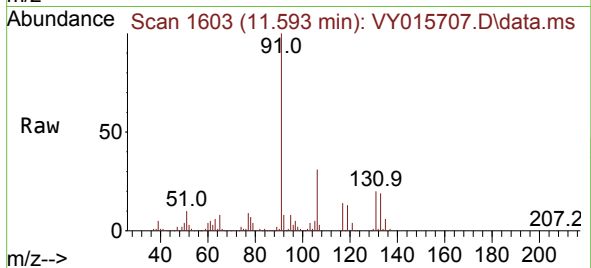
ClientSampleId :

Tgt Ion: 91 Resp: 186253

Ion Ratio Lower Upper

91 100

106 30.9 24.6 36.8



#68

m/p-Xylenes

Concen: 45.648 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY015707.D

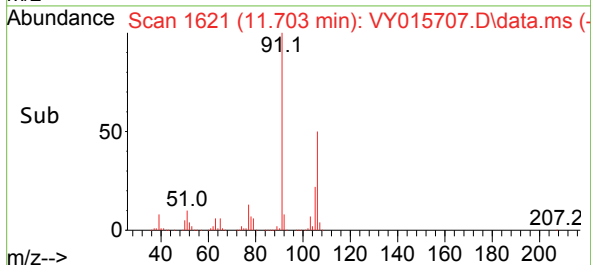
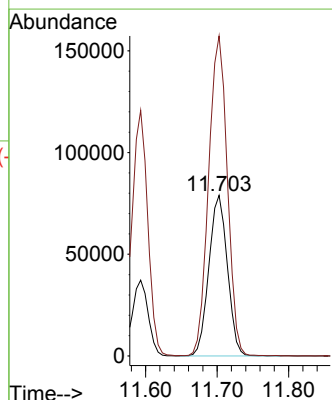
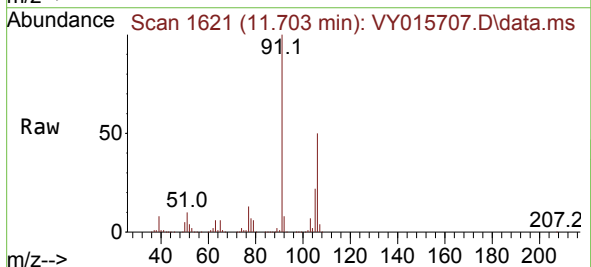
Acq: 26 Sep 2023 13:02

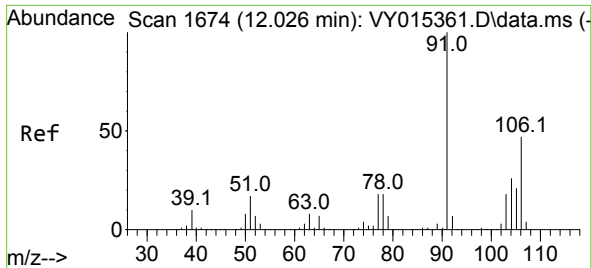
Tgt Ion:106 Resp: 142040

Ion Ratio Lower Upper

106 100

91 201.5 166.1 249.1

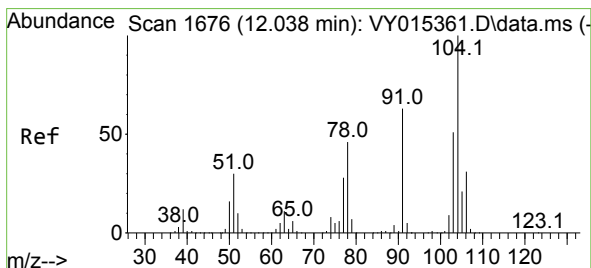
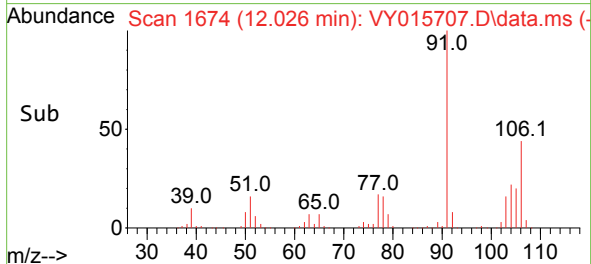
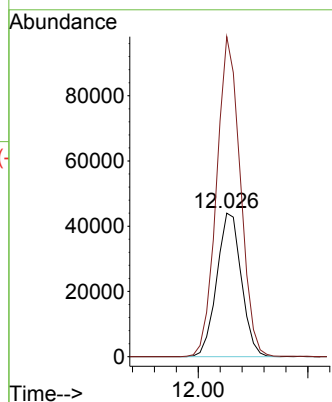
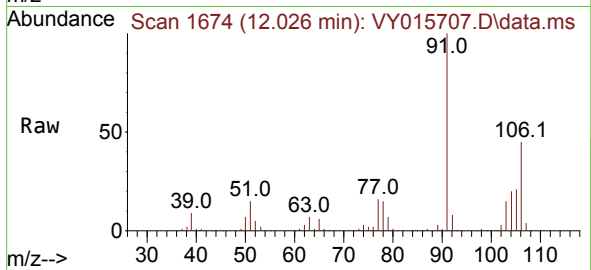




#69
o-Xylene
Concen: 22.449 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

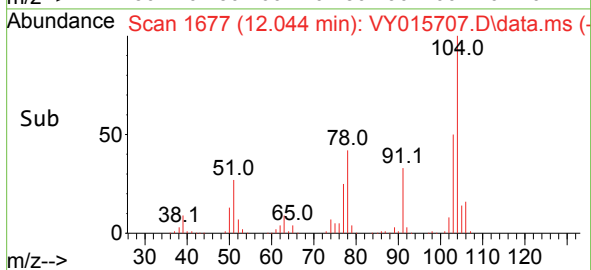
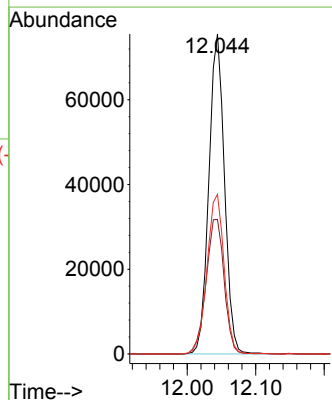
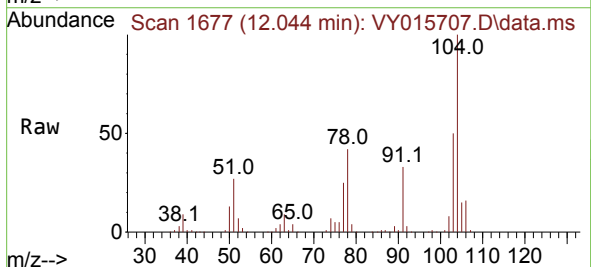
Instrument :
MSVOA_Y
ClientSampleId :

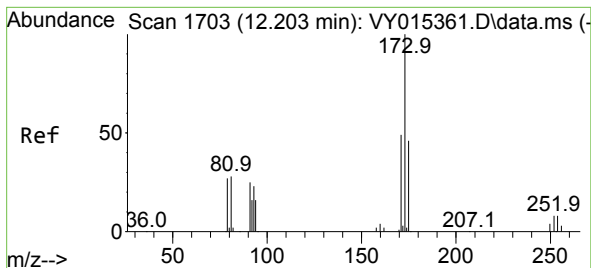
Tgt Ion:106 Resp: 68495
Ion Ratio Lower Upper
106 100
91 216.1 108.1 324.3



#70
Styrene
Concen: 22.927 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion:104 Resp: 119739
Ion Ratio Lower Upper
104 100
78 48.7 41.5 62.3
103 54.6 44.6 67.0





#71

Bromoform

Concen: 23.963 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. -0.000 min

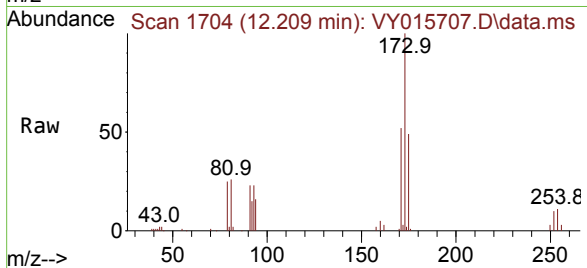
Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

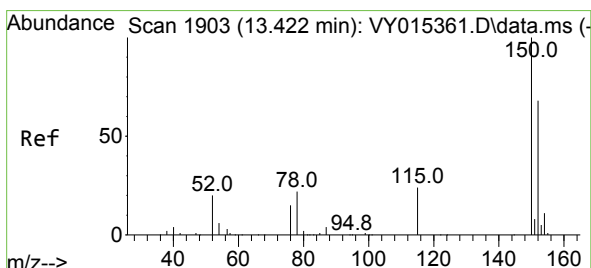
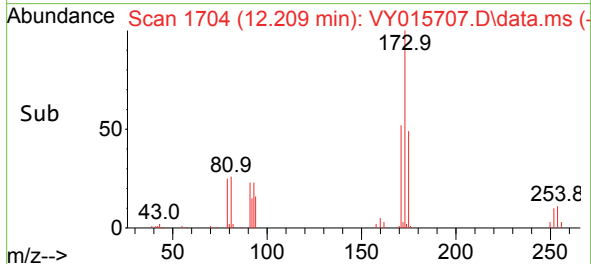
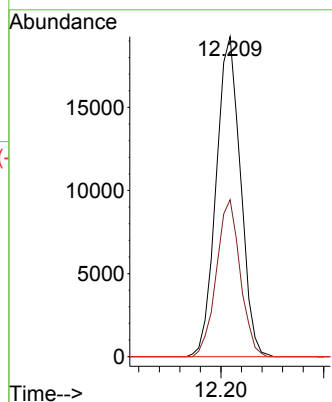
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:173	Resp:	31593
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

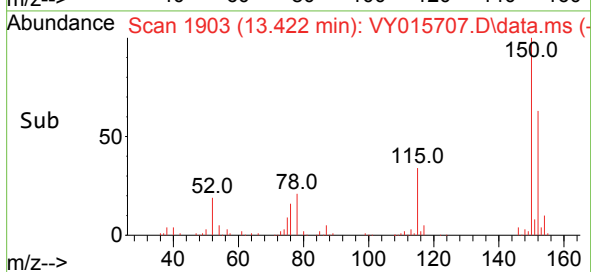
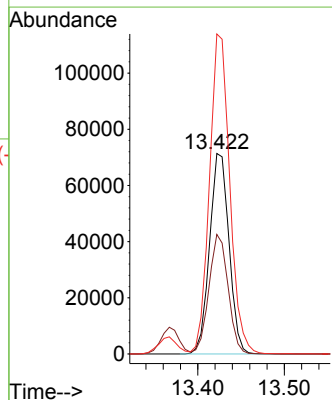
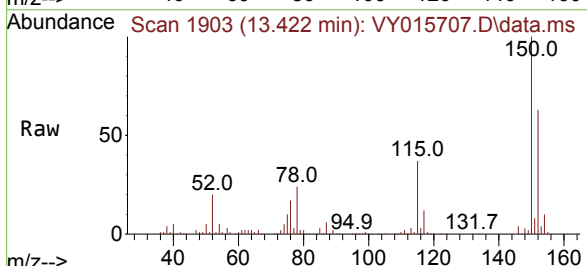
RT: 13.422 min Scan# 1903

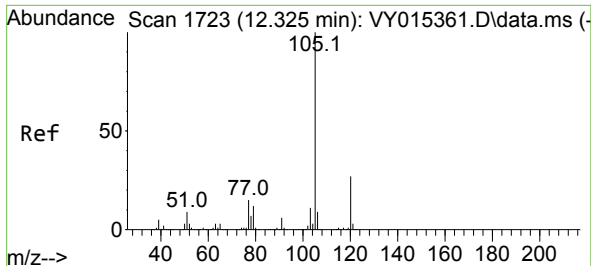
Delta R.T. 0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Tgt Ion:152	Resp:	111163
Ion Ratio	Lower	Upper
152	100	
115	58.9	28.8 86.5
150	166.7	0.0 348.8

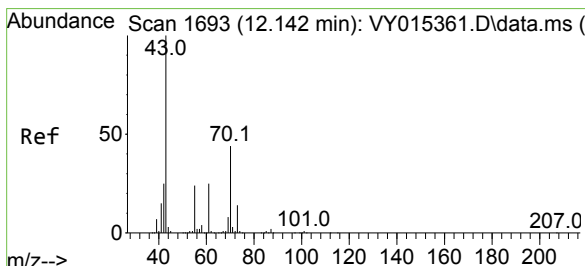
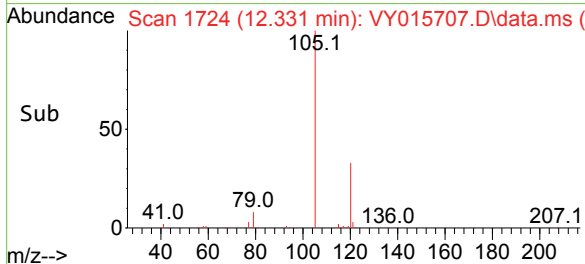
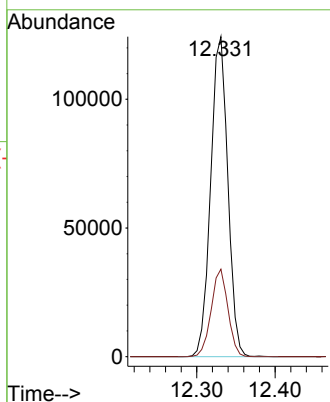
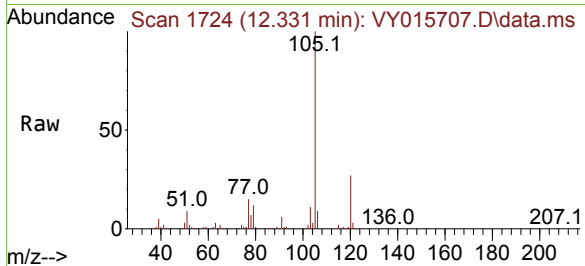




#73
Isopropylbenzene
Concen: 22.660 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

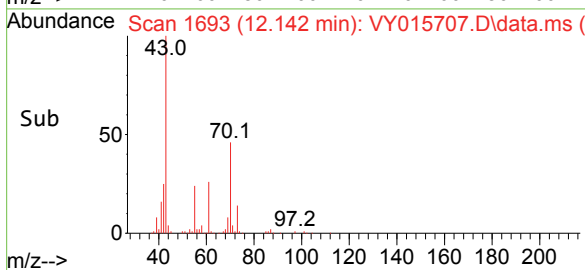
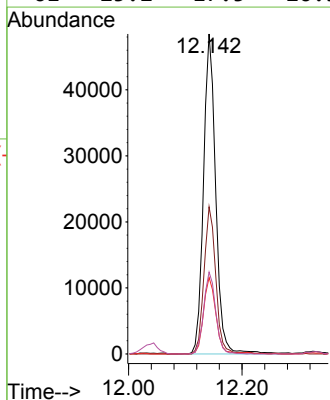
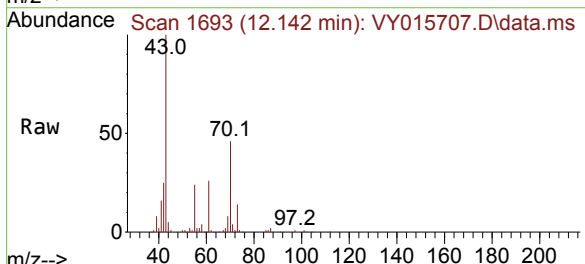
Instrument :
MSVOA_Y
ClientSampleId :

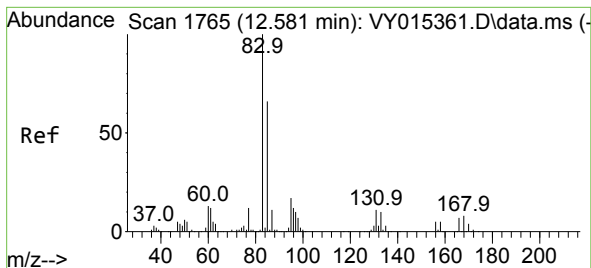
Tgt Ion:105 Resp: 188962
Ion Ratio Lower Upper
105 100
120 26.7 13.3 39.9



#74
N-ethyl acetate
Concen: 23.109 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 43 Resp: 72428
Ion Ratio Lower Upper
43 100
70 44.7 29.7 44.5#
55 23.8 18.3 27.5
61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.594 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015707.D

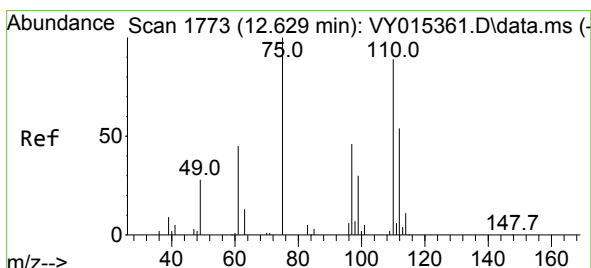
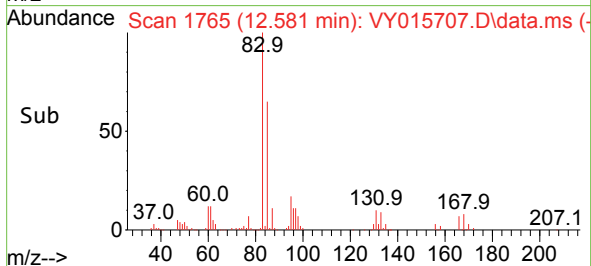
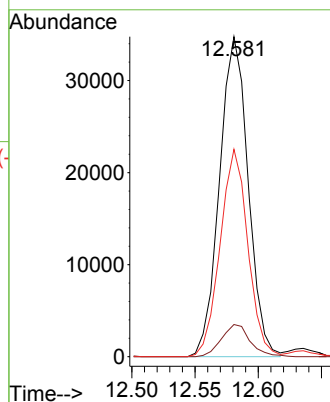
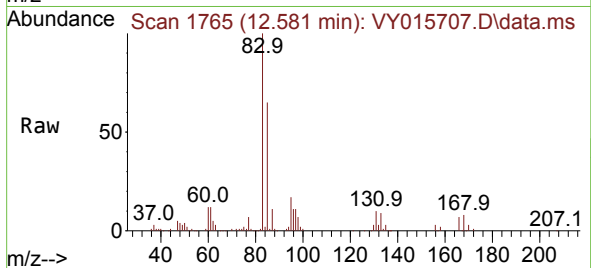
Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	54759
Ion	Ratio	Lower	Upper
83	100		
131	10.1	5.4	16.2
85	62.7	31.8	95.4



#76

1,2,3-Trichloropropane

Concen: 40.393 ug/l

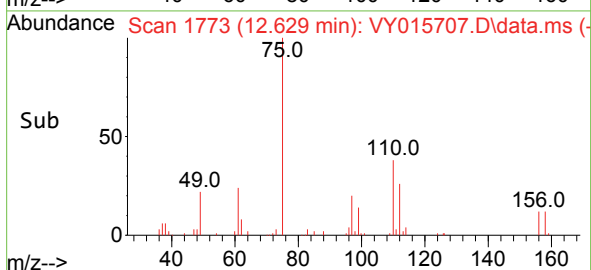
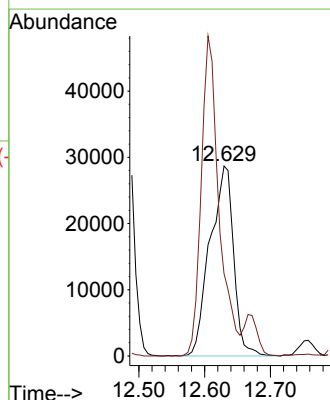
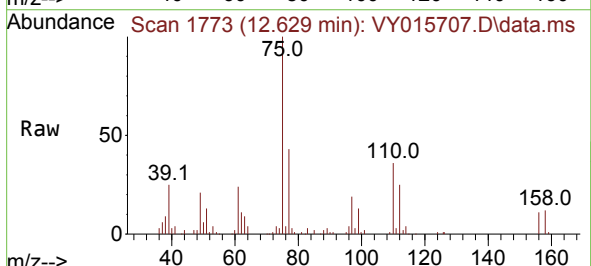
RT: 12.629 min Scan# 1773

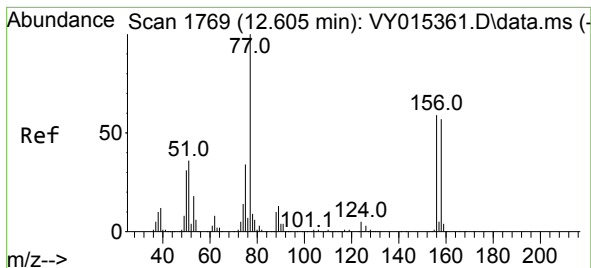
Delta R.T. 0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Tgt Ion:	75	Resp:	71633
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 22.027 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015707.D

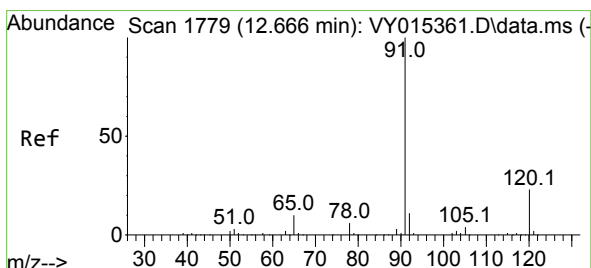
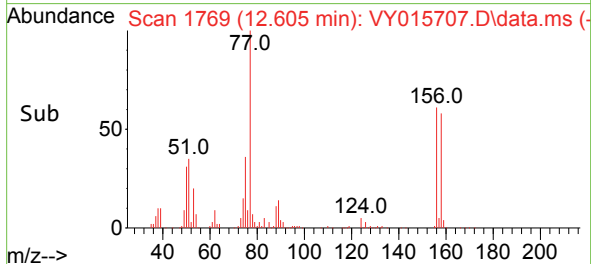
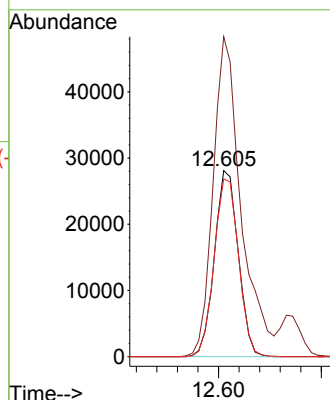
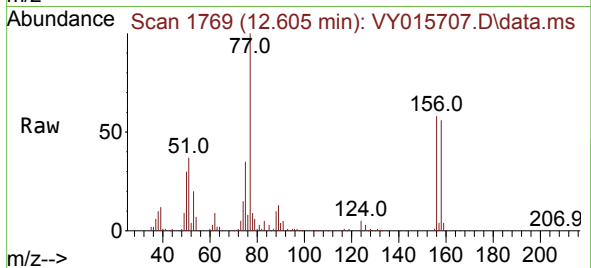
Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	45088
Ion Ratio	Lower	Upper	
156	100		
77	201.8	92.8	278.6
158	98.2	48.4	145.3



#78

n-propylbenzene

Concen: 22.728 ug/l

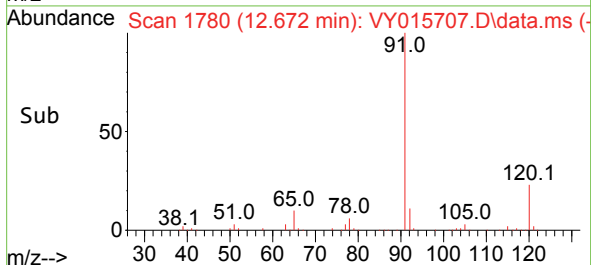
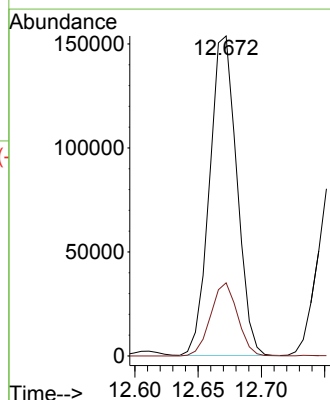
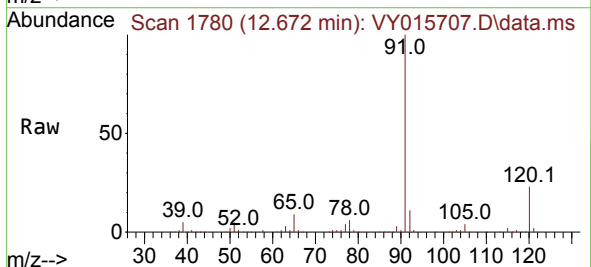
RT: 12.672 min Scan# 1780

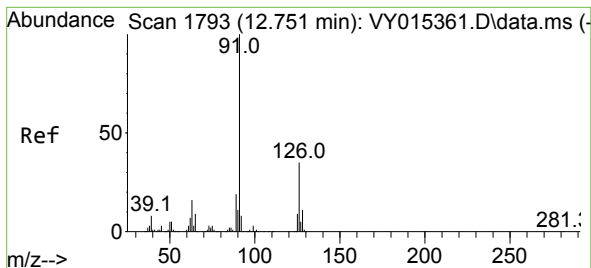
Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Tgt Ion:	91	Resp:	230256
Ion Ratio	Lower	Upper	
91	100		
120	22.6	11.5	34.4

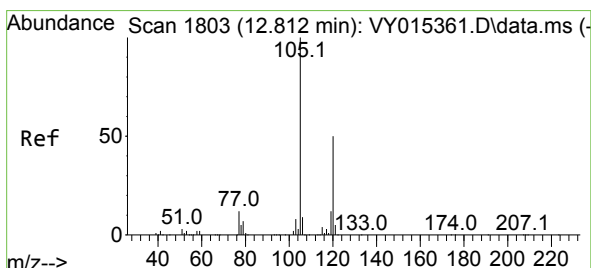
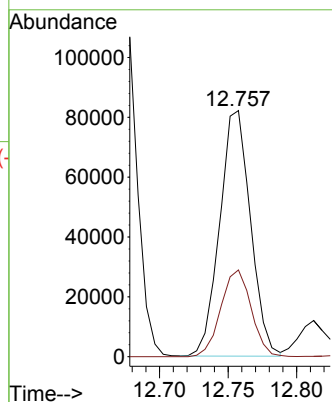
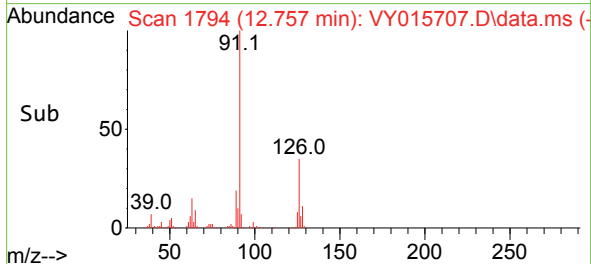
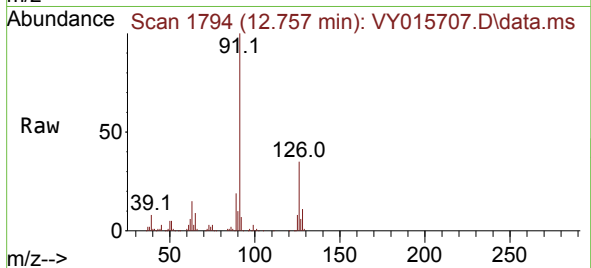




#79
2-Chlorotoluene
Concen: 22.279 ug/l
RT: 12.757 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

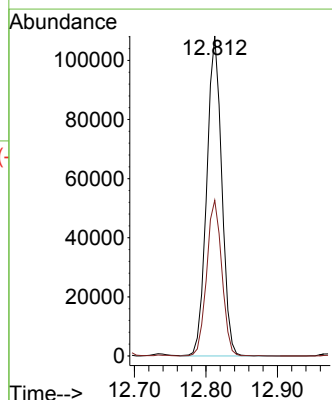
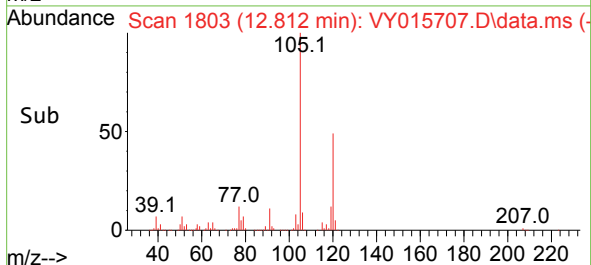
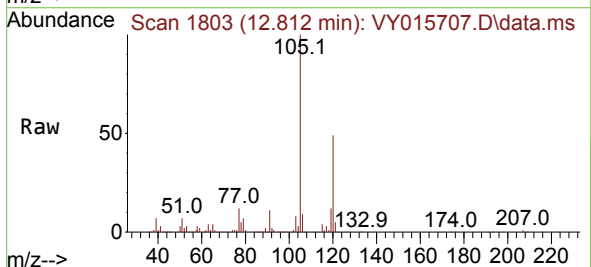
Instrument :
MSVOA_Y
ClientSampleId :

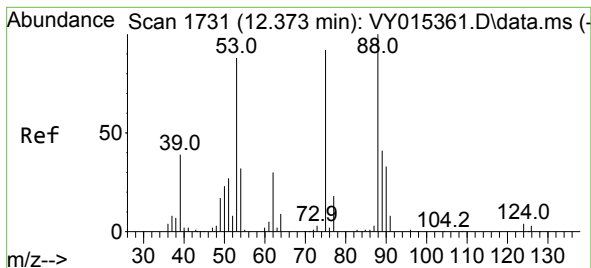
Tgt Ion: 91 Resp: 128654
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 22.617 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion:105 Resp: 157897
Ion Ratio Lower Upper
105 100
120 49.2 23.9 71.7

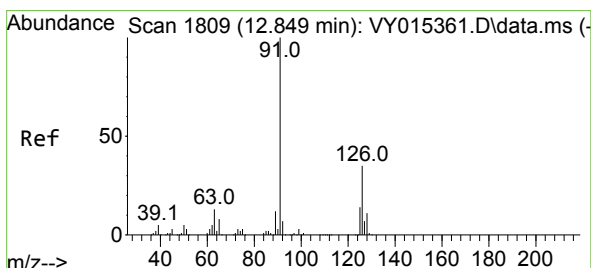
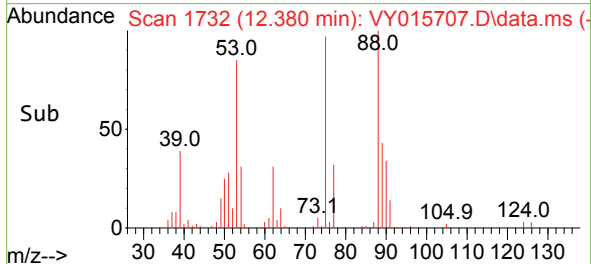
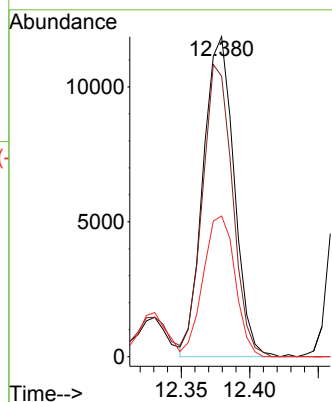
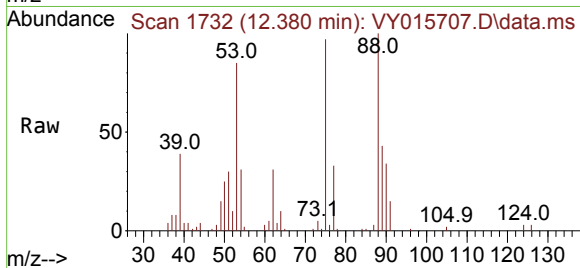




#81
trans-1,4-Dichloro-2-butene
Concen: 23.648 ug/l
RT: 12.380 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

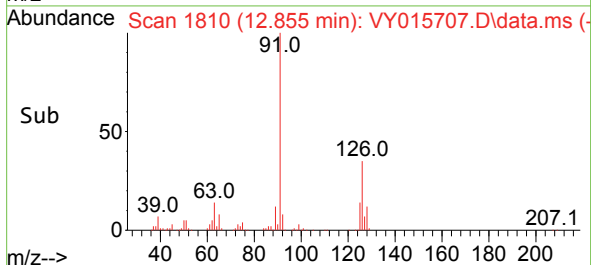
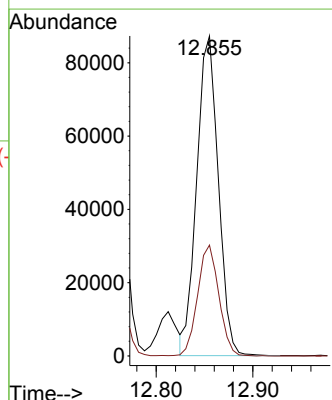
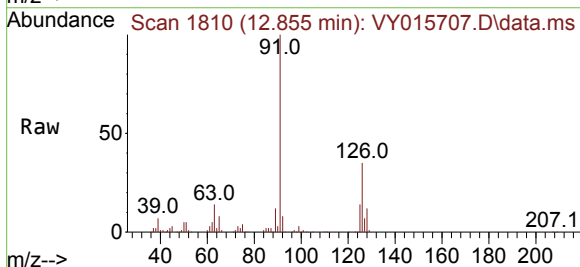
Instrument :
MSVOA_Y
ClientSampleId :

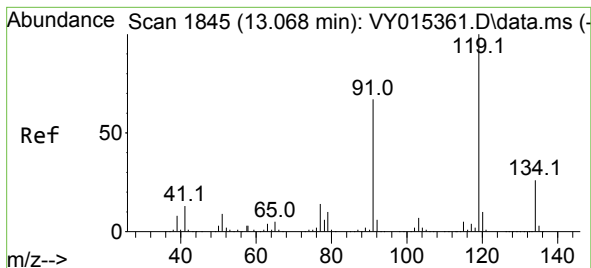
Tgt Ion: 75 Resp: 18623
Ion Ratio Lower Upper
75 100
53 88.7 77.8 116.8
89 45.3 37.4 56.0



#82
4-Chlorotoluene
Concen: 22.473 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.006 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 91 Resp: 135477
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 22.550 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

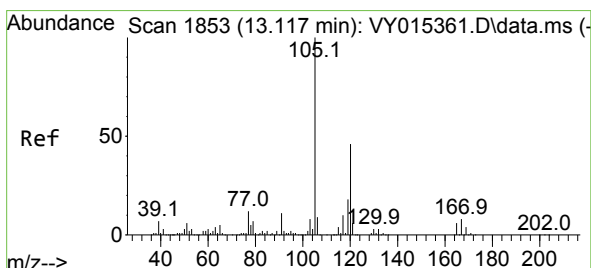
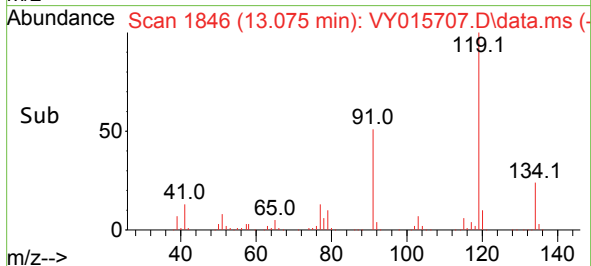
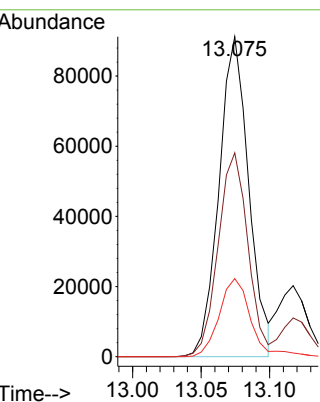
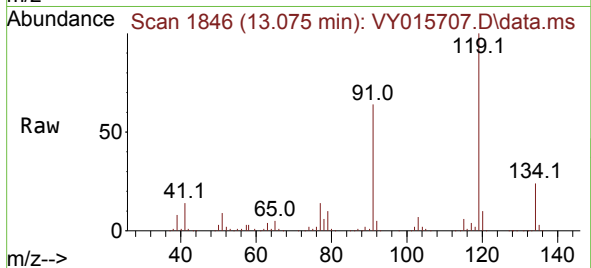
Tgt Ion:119 Resp: 137878

Ion Ratio Lower Upper

119 100

91 63.7 32.9 98.6

134 25.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 22.547 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015707.D

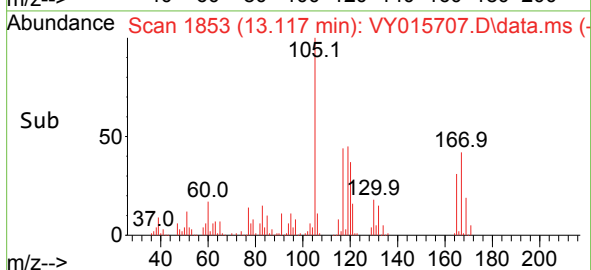
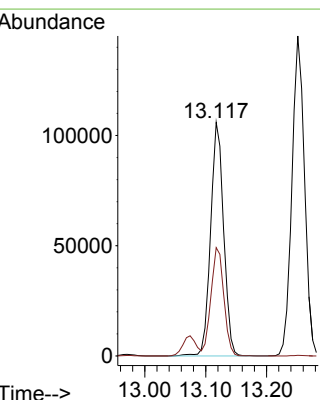
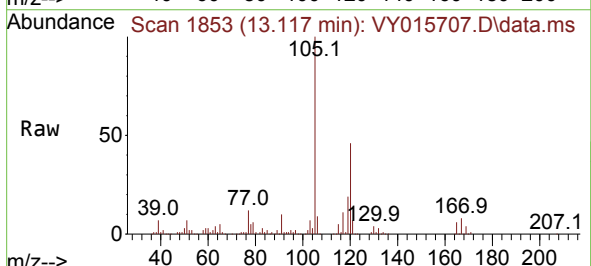
Acq: 26 Sep 2023 13:02

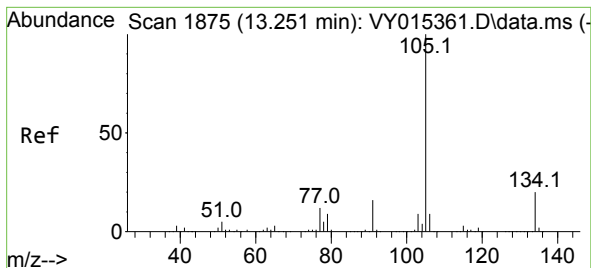
Tgt Ion:105 Resp: 157495

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 22.736 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

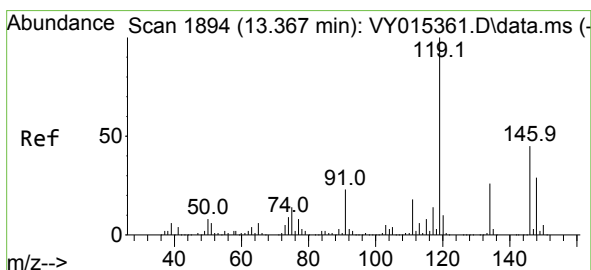
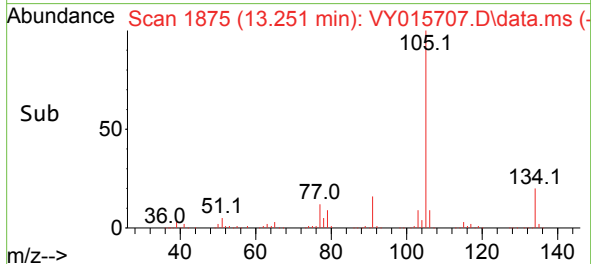
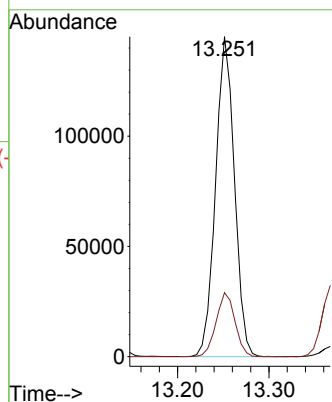
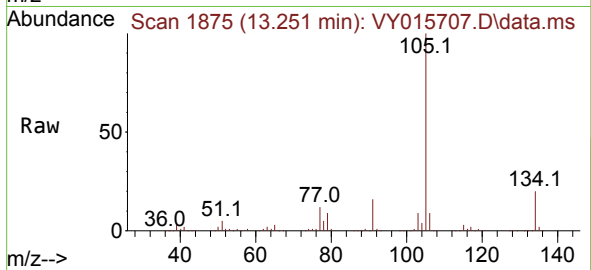
ClientSampleId :

Tgt Ion:105 Resp: 208044

Ion Ratio Lower Upper

105 100

134 20.1 10.2 30.6



#86

p-Isopropyltoluene

Concen: 22.666 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

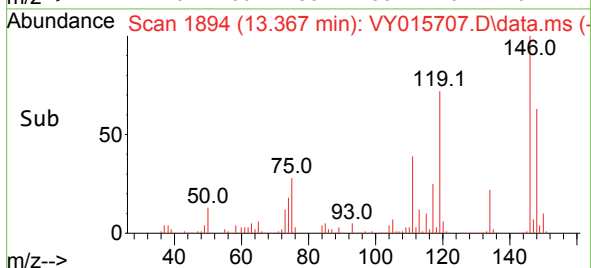
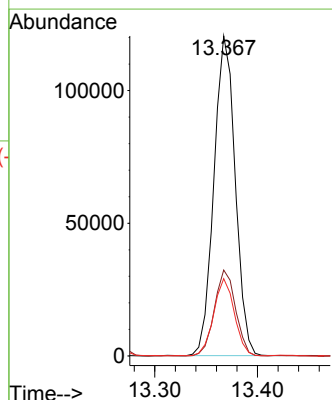
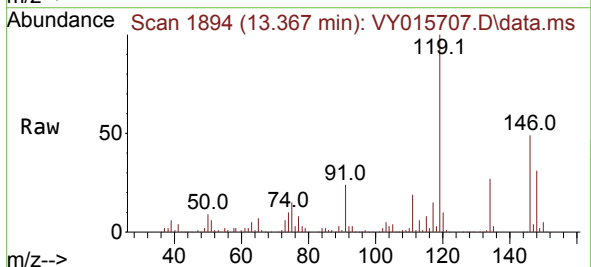
Tgt Ion:119 Resp: 173246

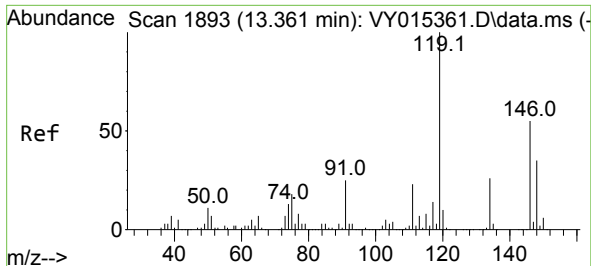
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.5 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 22.469 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

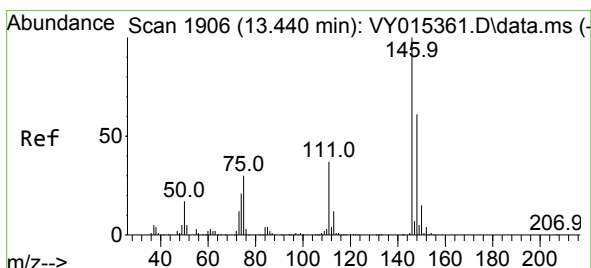
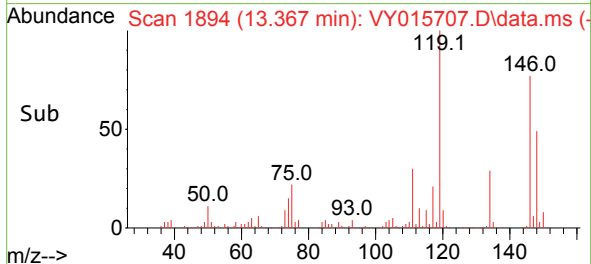
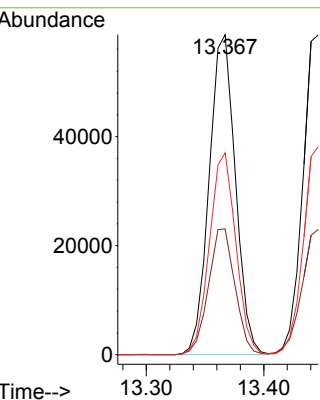
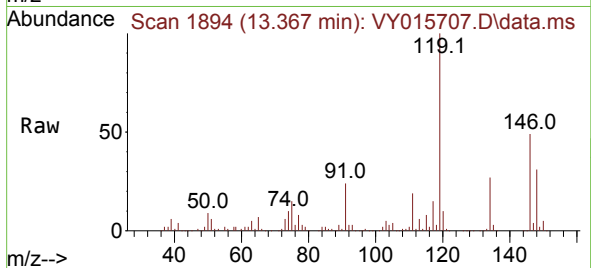
Tgt Ion:146 Resp: 91244

Ion Ratio Lower Upper

146 100

111 39.9 19.4 58.2

148 63.4 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 22.931 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

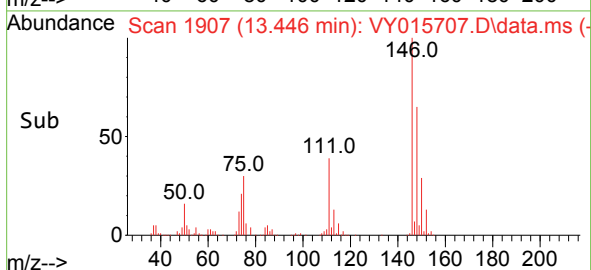
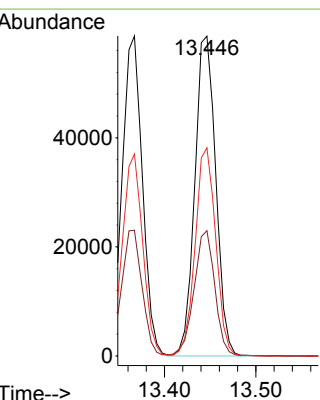
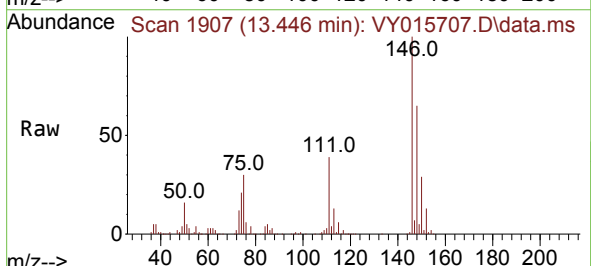
Tgt Ion:146 Resp: 93135

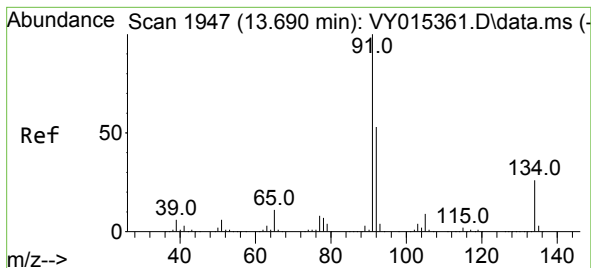
Ion Ratio Lower Upper

146 100

111 39.1 18.9 56.7

148 64.0 32.1 96.5

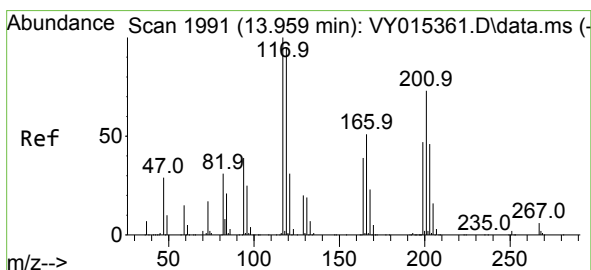
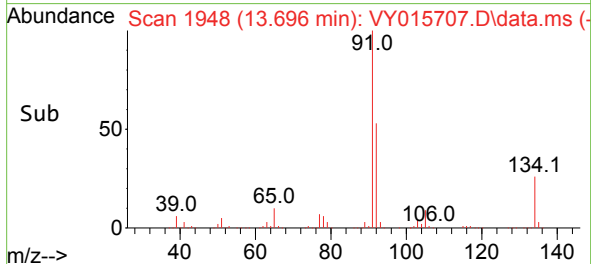
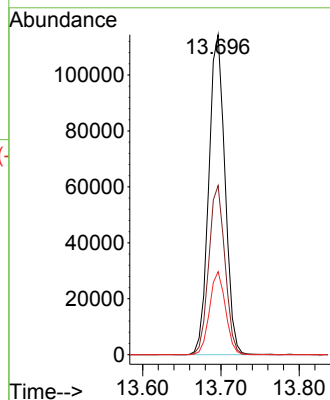
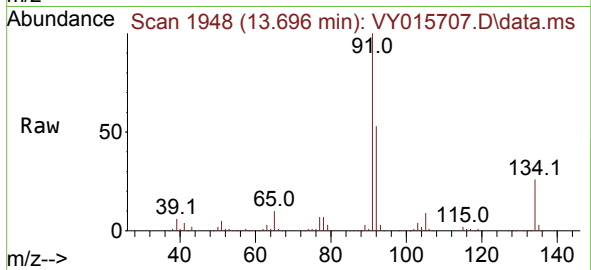




#89
n-Butylbenzene
Concen: 22.672 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

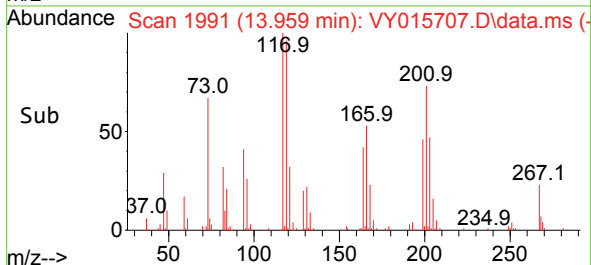
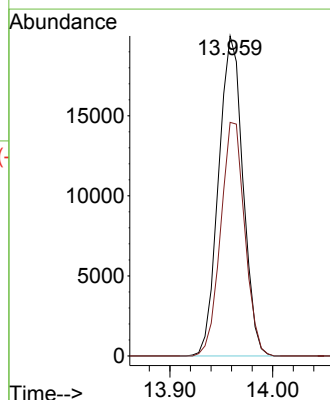
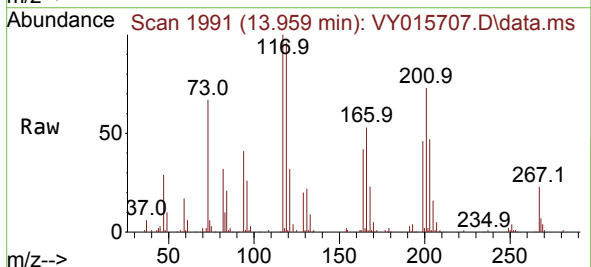
Instrument :
MSVOA_Y
ClientSampleId :

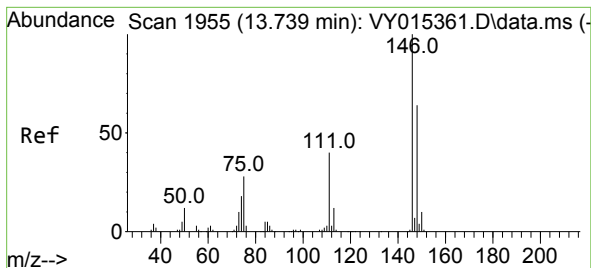
Tgt Ion: 91 Resp: 164097
Ion Ratio Lower Upper
91 100
92 52.8 25.4 76.0
134 25.6 12.6 37.6



#90
Hexachloroethane
Concen: 22.288 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY015707.D
Acq: 26 Sep 2023 13:02

Tgt Ion: 117 Resp: 32879
Ion Ratio Lower Upper
117 100
201 72.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 22.866 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

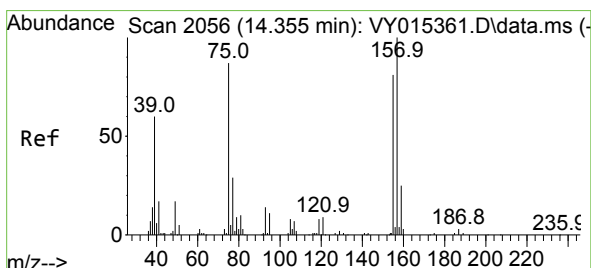
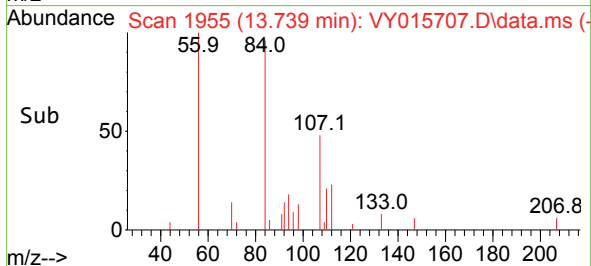
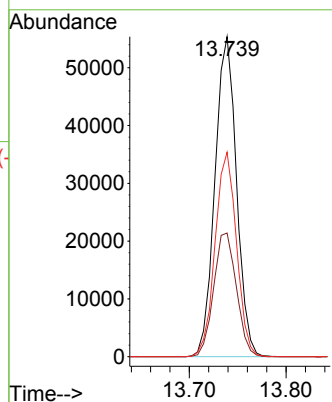
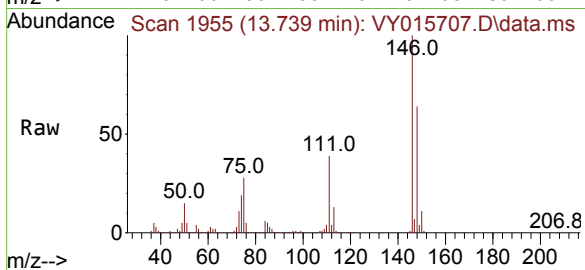
Tgt Ion:146 Resp: 85719

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.0

148 63.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 25.018 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

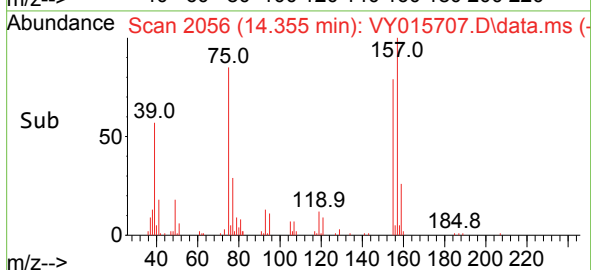
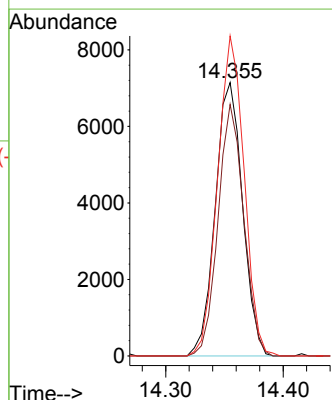
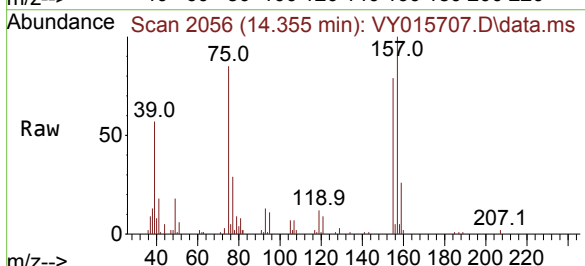
Tgt Ion: 75 Resp: 11532

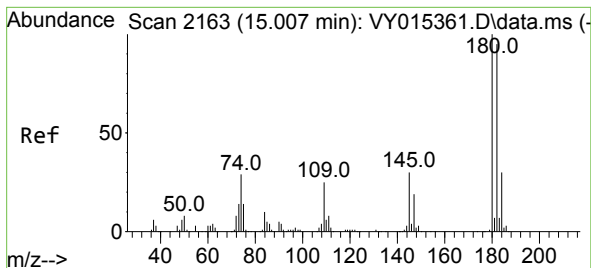
Ion Ratio Lower Upper

75 100

155 86.4 41.5 124.6

157 113.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.972 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

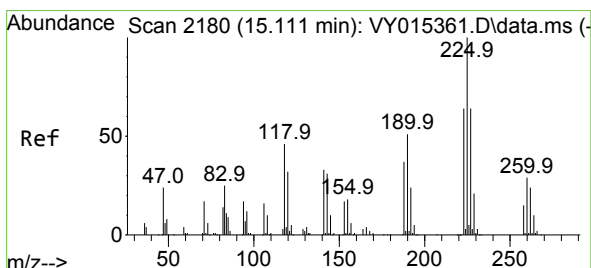
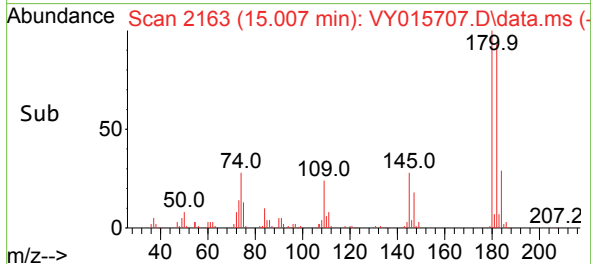
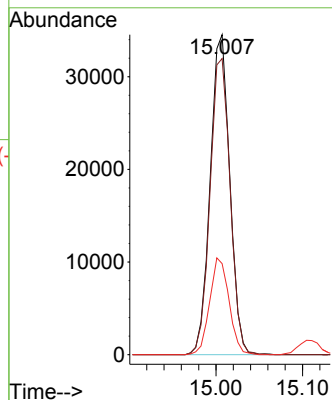
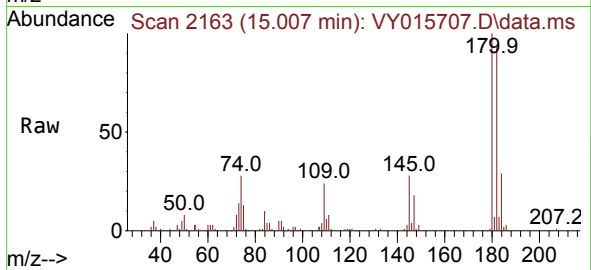
Tgt Ion:180 Resp: 54213

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 29.9 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.794 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

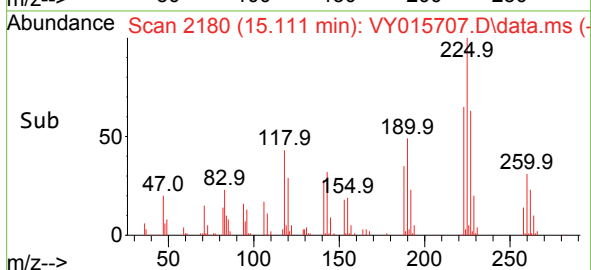
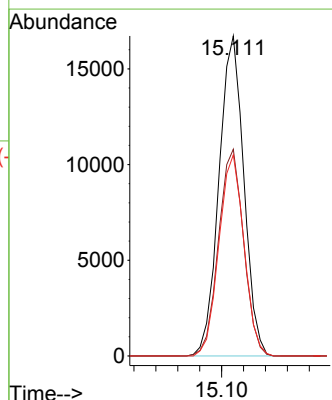
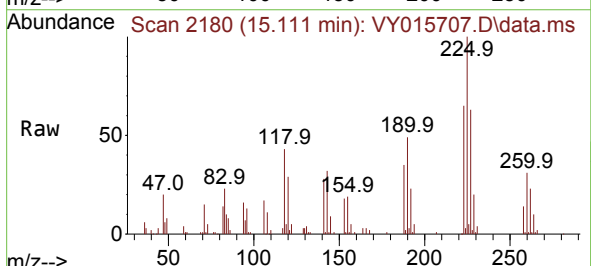
Tgt Ion:225 Resp: 26340

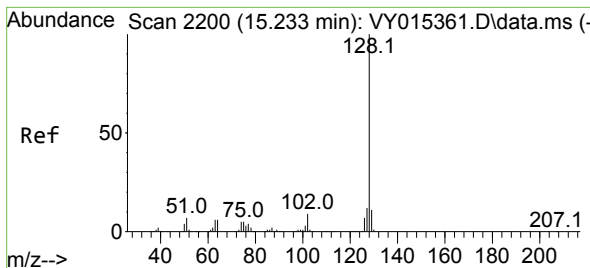
Ion Ratio Lower Upper

225 100

223 65.1 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 23.659 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Instrument :

MSVOA_Y

ClientSampleId :

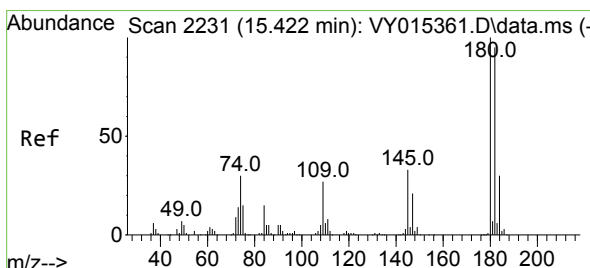
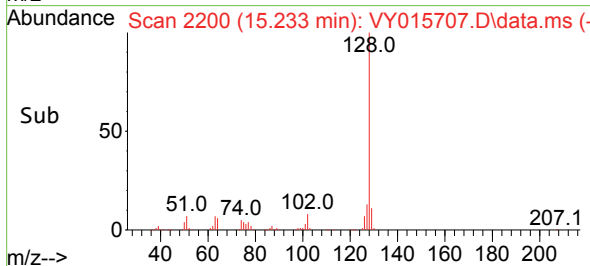
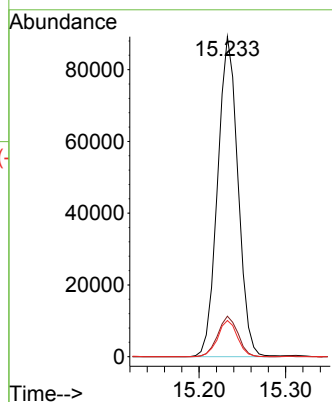
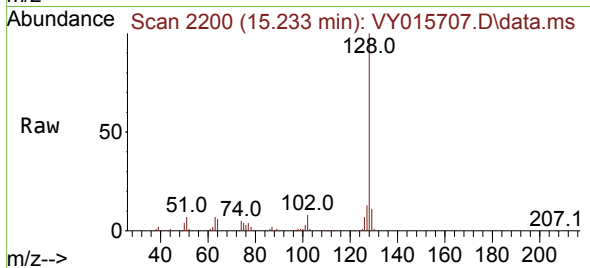
Tgt Ion:128 Resp: 145590

Ion Ratio Lower Upper

128 100

127 12.6 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 23.242 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015707.D

Acq: 26 Sep 2023 13:02

Tgt Ion:180 Resp: 50626

Ion Ratio Lower Upper

180 100

182 92.5 47.3 141.8

145 33.2 15.4 46.2

