

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092823\
 Data File : VY015744.D
 Acq On : 28 Sep 2023 14:14
 Operator : SY/MD
 Sample : VY0928SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 29 01:24:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	147328	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	242184	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	219994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	114545	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	78919	48.685	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.360%
35) Dibromofluoromethane	7.722	113	74836	51.627	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.260%
50) Toluene-d8	10.185	98	271212	55.181	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.360%
62) 4-Bromofluorobenzene	12.483	95	98015	50.817	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.640%

Target Compounds					Qvalue
2) Dichlorodifluoromethane	1.906	85	18605	19.158	ug/l 96
3) Chloromethane	2.113	50	21225	17.324	ug/l 97
4) Vinyl Chloride	2.253	62	26832	19.155	ug/l 99
5) Bromomethane	2.650	94	19864	16.704	ug/l 100
6) Chloroethane	2.790	64	20803	20.036	ug/l 99
7) Trichlorofluoromethane	3.119	101	47630	20.275	ug/l 99
8) Diethyl Ether	3.534	74	18889	18.855	ug/l 98
9) 1,1,2-Trichlorotrifluo...	3.899	101	29903	20.330	ug/l 96
10) Methyl Iodide	4.094	142	27167	17.578	ug/l 98
11) Tert butyl alcohol	4.997	59	42808	100.664	ug/l # 92
12) 1,1-Dichloroethene	3.869	96	24373	18.804	ug/l 94
13) Acrolein	3.735	56	16512	66.512	ug/l 98
14) Allyl chloride	4.485	41	44835	18.919	ug/l 94
15) Acrylonitrile	5.167	53	67642	92.040	ug/l 97
16) Acetone	3.966	43	88976	102.566	ug/l 92
17) Carbon Disulfide	4.192	76	37712	14.977	ug/l 99
18) Methyl Acetate	4.485	43	49725	17.084	ug/l 95
19) Methyl tert-butyl Ether	5.228	73	104673	19.828	ug/l 99
20) Methylene Chloride	4.716	84	57638	28.231	ug/l 94
21) trans-1,2-Dichloroethene	5.222	96	28832	19.461	ug/l 94
22) Diisopropyl ether	6.125	45	115453	20.244	ug/l 95
23) Vinyl Acetate	6.070	43	340127	96.621	ug/l # 95
24) 1,1-Dichloroethane	6.021	63	62516	20.111	ug/l 97
25) 2-Butanone	6.996	43	116032	94.629	ug/l 98
26) 2,2-Dichloropropane	6.990	77	57459	20.223	ug/l 100
27) cis-1,2-Dichloroethene	6.990	96	39550	20.109	ug/l 98
28) Bromochloromethane	7.344	49	21201	25.138	ug/l 99
29) Tetrahydrofuran	7.356	42	59944	86.493	ug/l 94
30) Chloroform	7.515	83	69212	20.791	ug/l 98
31) Cyclohexane	7.789	56	41220	18.356	ug/l 92
32) 1,1,1-Trichloroethane	7.710	97	56893	20.702	ug/l 97
36) 1,1-Dichloropropene	7.923	75	43348	20.225	ug/l 99
37) Ethyl Acetate	7.082	43	40731	19.052	ug/l 98
38) Carbon Tetrachloride	7.905	117	49105	21.107	ug/l 98
39) Methylcyclohexane	9.191	83	44879	18.932	ug/l 98
40) Benzene	8.167	78	132870	20.329	ug/l 99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	17654	15.337	ug/l	92
42) 1,2-Dichloroethane	8.240	62	45101	20.148	ug/l	95
43) Isopropyl Acetate	8.283	43	69494	19.030	ug/l	96
44) Trichloroethene	8.947	130	37585	20.589	ug/l	94
45) 1,2-Dichloropropane	9.222	63	37455	20.549	ug/l	96
46) Dibromomethane	9.307	93	23480	20.138	ug/l	95
47) Bromodichloromethane	9.502	83	54760	21.071	ug/l	100
48) Methyl methacrylate	9.301	41	29583	18.456	ug/l	90
49) 1,4-Dioxane	9.319	88	8941	388.166	ug/l #	54
51) 4-Methyl-2-Pentanone	10.075	43	216828	95.795	ug/l	94
52) Toluene	10.252	92	88037	20.893	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	57255	20.544	ug/l	97
54) cis-1,3-Dichloropropene	9.935	75	61221	20.408	ug/l	93
55) 1,1,2-Trichloroethane	10.648	97	35325	20.674	ug/l	97
56) Ethyl methacrylate	10.514	69	49749	19.757	ug/l #	88
57) 1,3-Dichloropropane	10.794	76	60016	20.945	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	66210	82.780	ug/l	94
59) 2-Hexanone	10.837	43	174530	100.504	ug/l	92
60) Dibromochloromethane	10.989	129	41966	21.040	ug/l	100
61) 1,2-Dibromoethane	11.093	107	34122	20.413	ug/l	97
64) Tetrachloroethene	10.727	164	40186	21.291	ug/l	96
65) Chlorobenzene	11.520	112	102846	21.417	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	40588	21.759	ug/l	98
67) Ethyl Benzene	11.599	91	176530	21.032	ug/l	99
68) m/p-Xylenes	11.709	106	135870	42.590	ug/l	96
69) o-Xylene	12.032	106	66255	21.180	ug/l	98
70) Styrene	12.050	104	114584	21.399	ug/l	97
71) Bromoform	12.215	173	28212	20.871	ug/l #	100
73) Isopropylbenzene	12.337	105	180038	20.952	ug/l	100
74) N-amyl acetate	12.148	43	62862	19.464	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	46837	19.585	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	61202	33.492	ug/l #	100
77) Bromobenzene	12.611	156	42911	20.344	ug/l	93
78) n-propylbenzene	12.678	91	221484	21.217	ug/l	99
79) 2-Chlorotoluene	12.764	91	124071	20.851	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	149584	20.794	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.386	75	15650	19.286	ug/l	96
82) 4-Chlorotoluene	12.861	91	128818	20.737	ug/l	99
83) tert-Butylbenzene	13.081	119	134716	21.382	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	151869	21.100	ug/l	99
85) sec-Butylbenzene	13.257	105	202146	21.439	ug/l	100
86) p-Isopropyltoluene	13.373	119	167967	21.326	ug/l	97
87) 1,3-Dichlorobenzene	13.373	146	87826	20.988	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	89056	21.280	ug/l	99
89) n-Butylbenzene	13.702	91	160774	21.557	ug/l	97
90) Hexachloroethane	13.965	117	31705	20.858	ug/l	91
91) 1,2-Dichlorobenzene	13.745	146	82389	21.329	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8841	18.614	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	51812	21.306	ug/l	99
94) Hexachlorobutadiene	15.117	225	27976	22.465	ug/l	96
95) Naphthalene	15.239	128	125685	19.821	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	46960	20.922	ug/l	99

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

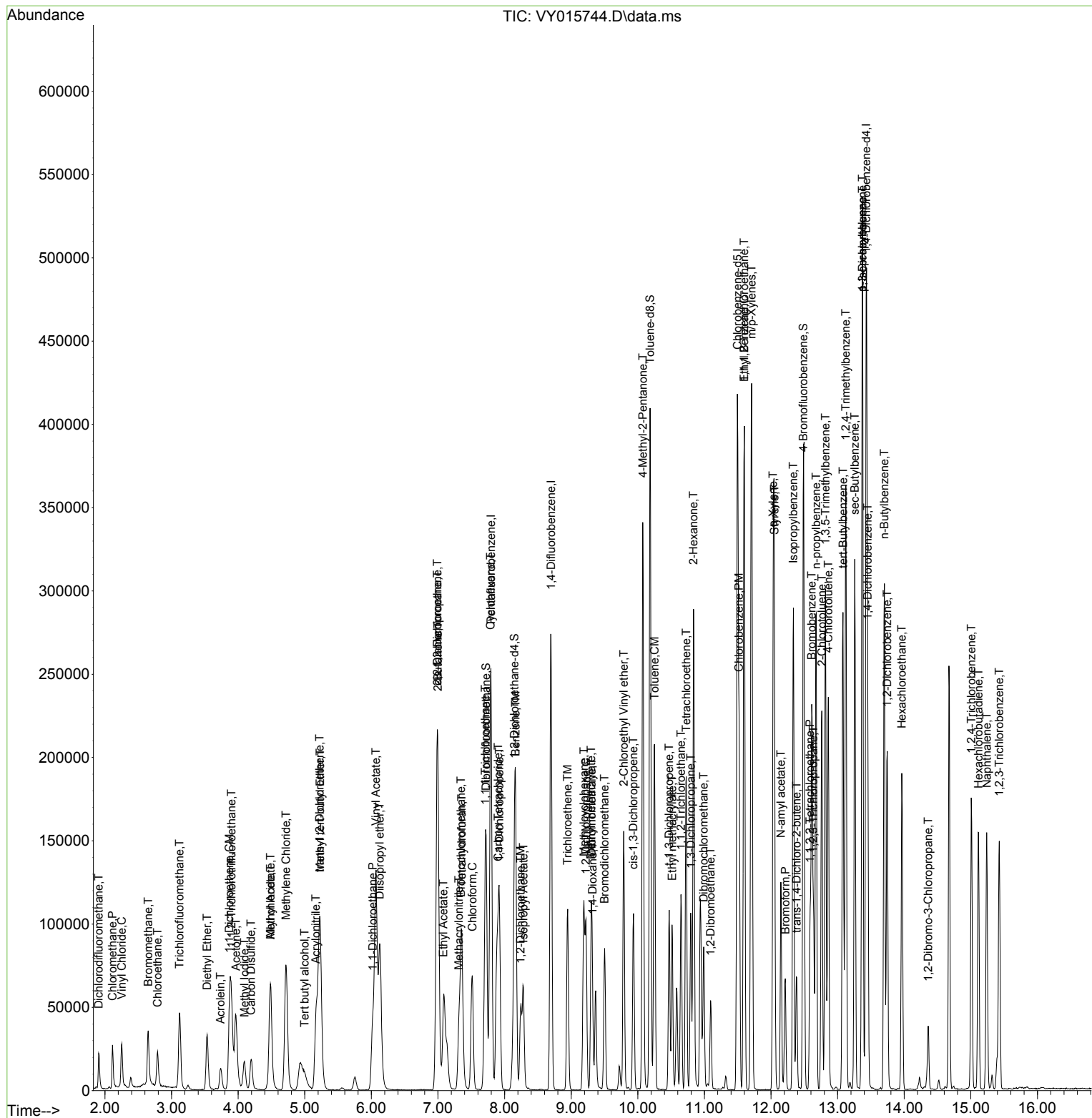
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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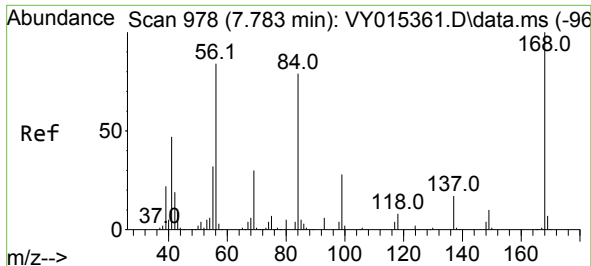
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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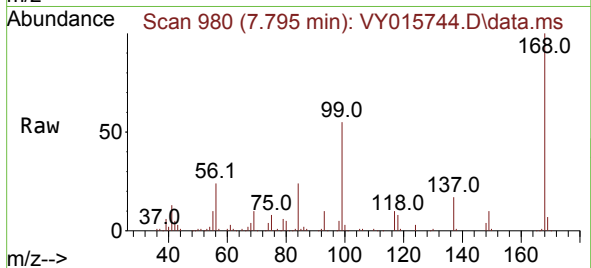
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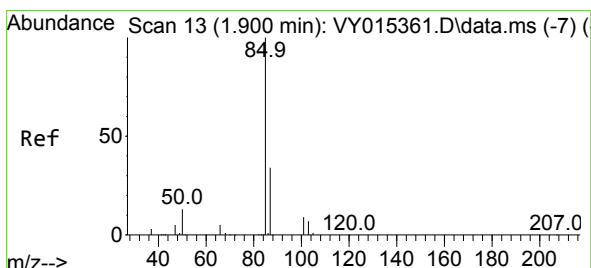
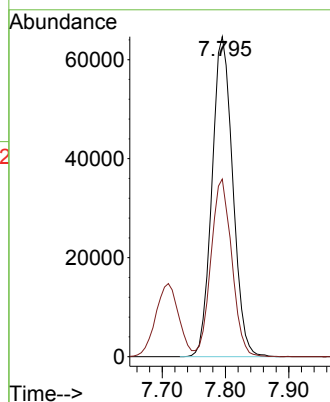
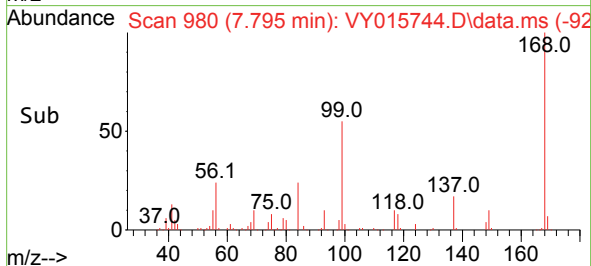


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015744.D
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MSVOA_Y
ClientSampleId :

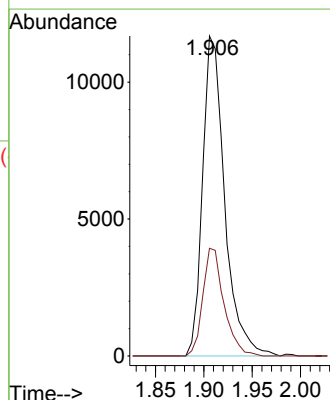
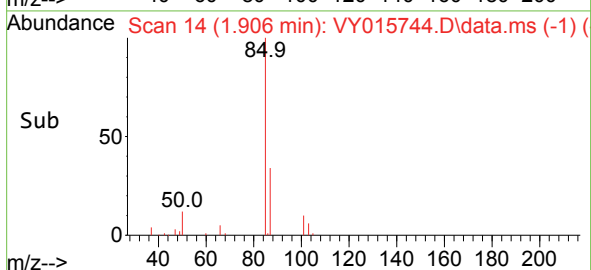
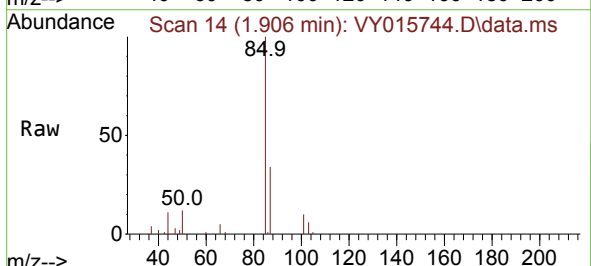


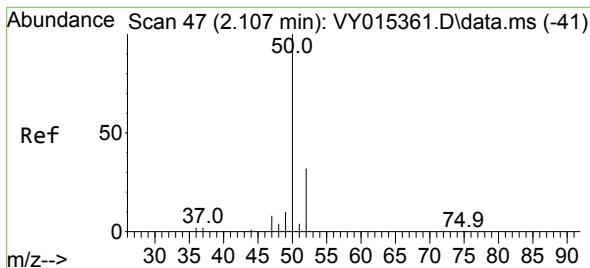
Tgt Ion:168 Resp: 147328
Ion Ratio Lower Upper
168 100
99 55.5 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.158 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 85 Resp: 18605
Ion Ratio Lower Upper
85 100
87 33.7 15.6 46.8





#3

Chloromethane

Concen: 17.324 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

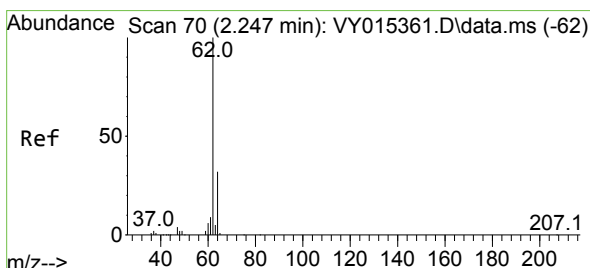
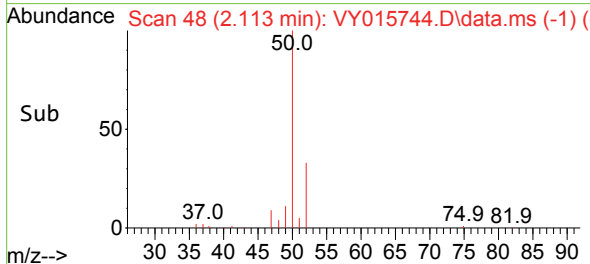
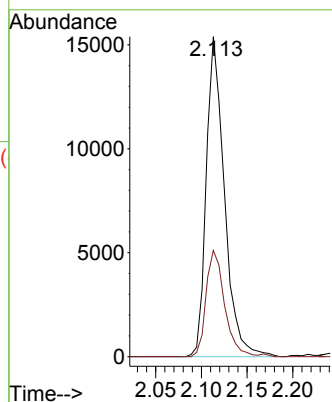
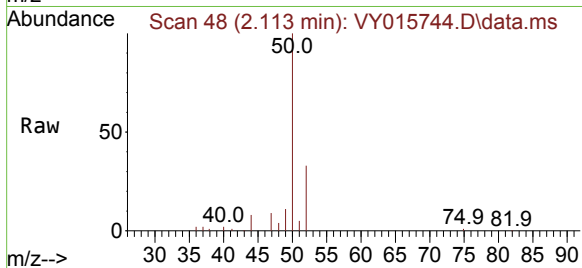
ClientSampleId :

Tgt Ion: 50 Resp: 21225

Ion Ratio Lower Upper

50 100

52 33.2 25.4 38.2



#4

Vinyl Chloride

Concen: 19.155 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015744.D

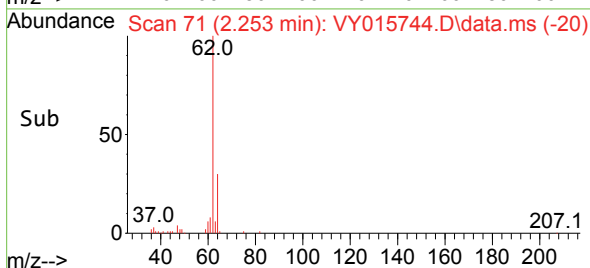
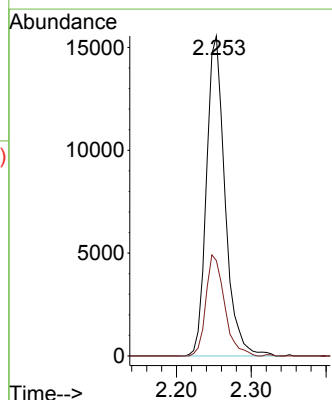
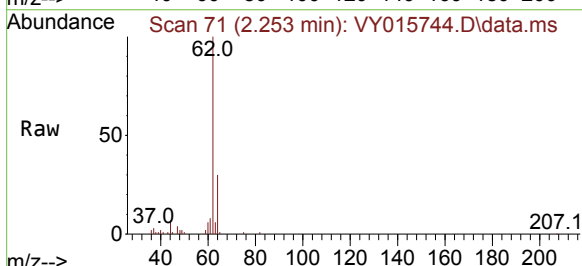
Acq: 28 Sep 2023 14:14

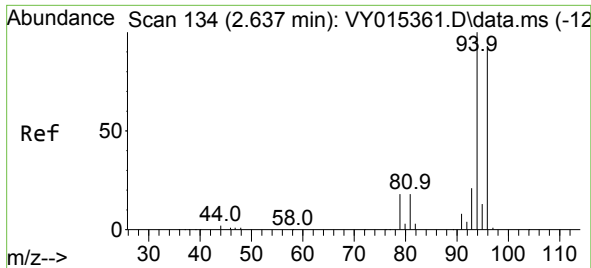
Tgt Ion: 62 Resp: 26832

Ion Ratio Lower Upper

62 100

64 29.8 24.3 36.5





#5

Bromomethane

Concen: 16.704 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

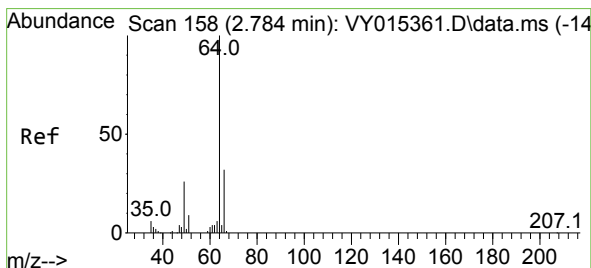
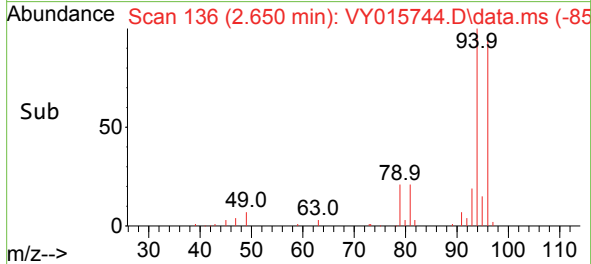
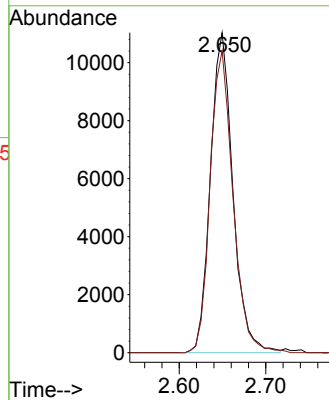
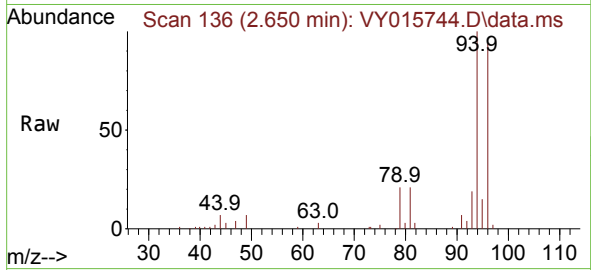
ClientSampleId :

Tgt Ion: 94 Resp: 19864

Ion Ratio Lower Upper

94 100

96 94.4 75.8 113.6



#6

Chloroethane

Concen: 20.036 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY015744.D

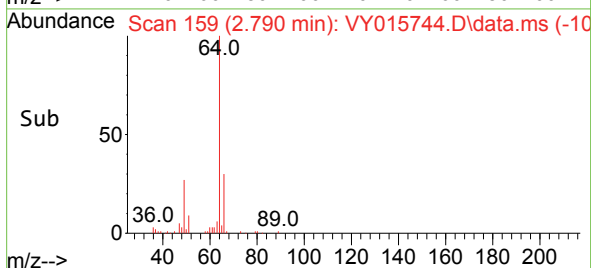
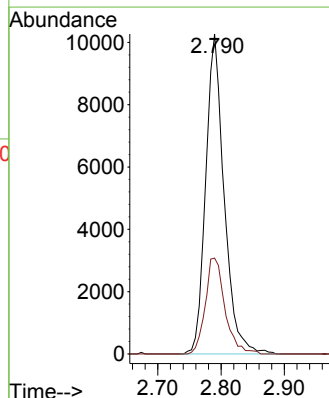
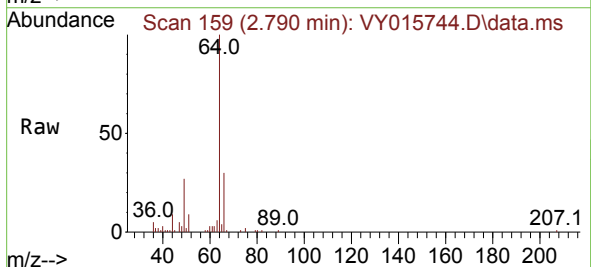
Acq: 28 Sep 2023 14:14

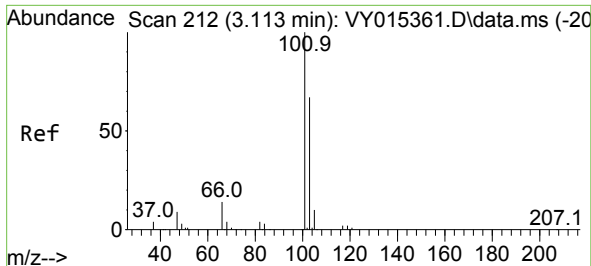
Tgt Ion: 64 Resp: 20803

Ion Ratio Lower Upper

64 100

66 29.9 24.4 36.6

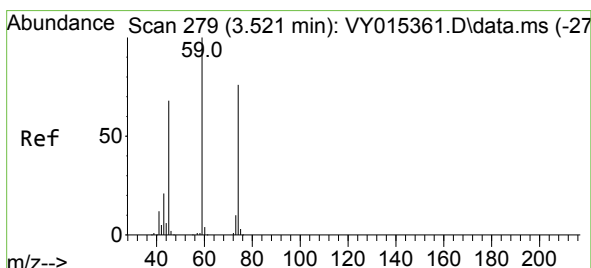
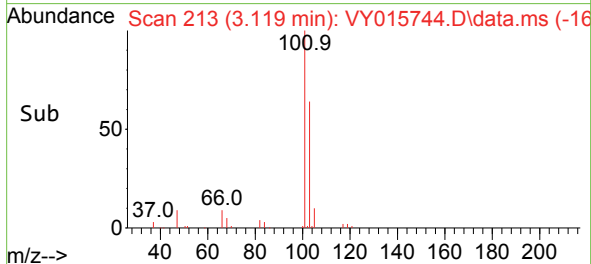
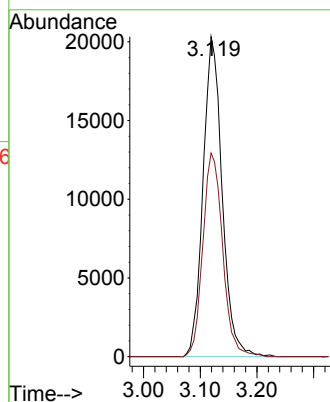
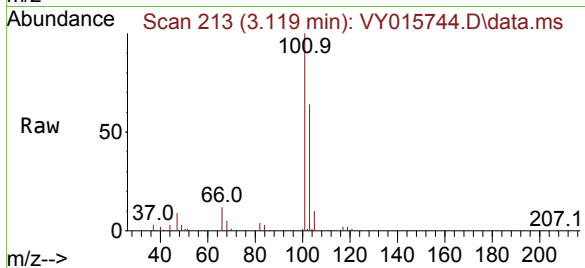




#7
Trichlorofluoromethane
Concen: 20.275 ug/l
RT: 3.119 min Scan# 21
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

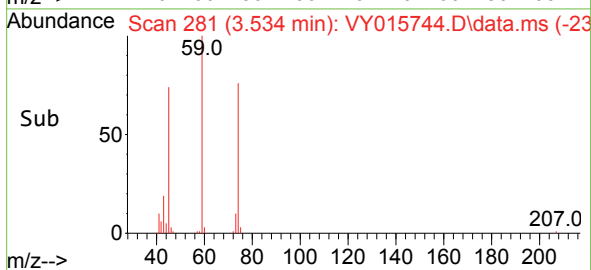
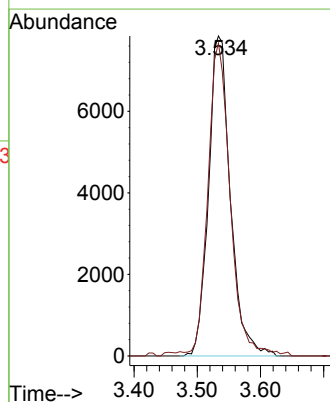
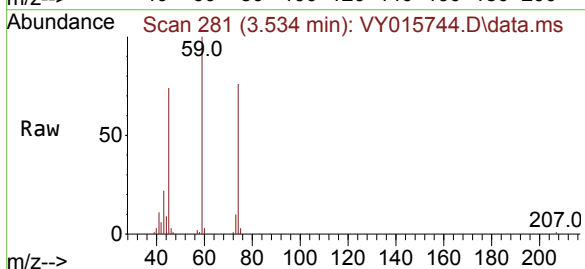
Instrument :
MSVOA_Y
ClientSampleId :

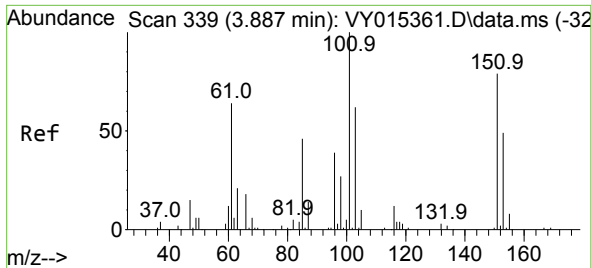
Tgt Ion:101 Resp: 47630
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.0



#8
Diethyl Ether
Concen: 18.855 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.013 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 74 Resp: 18889
Ion Ratio Lower Upper
74 100
45 100.5 51.5 154.5

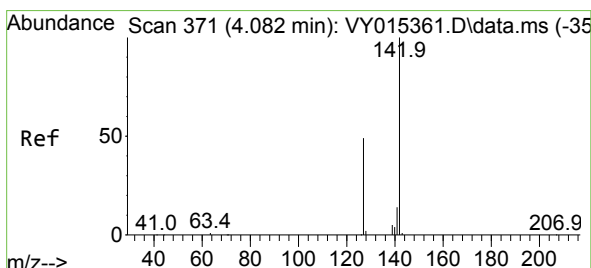
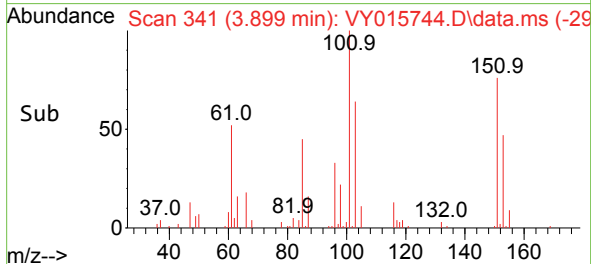
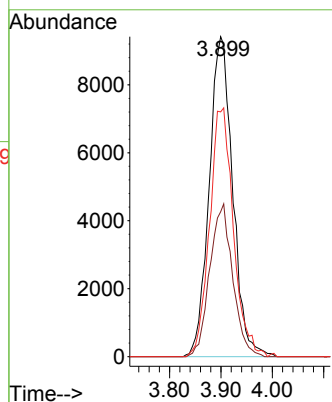
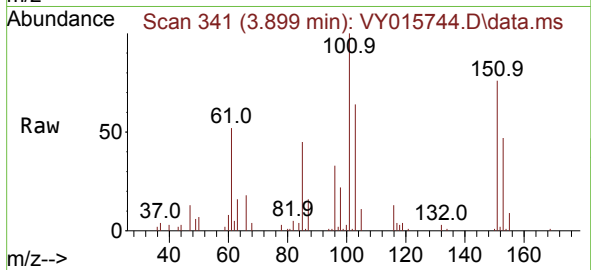




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.330 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

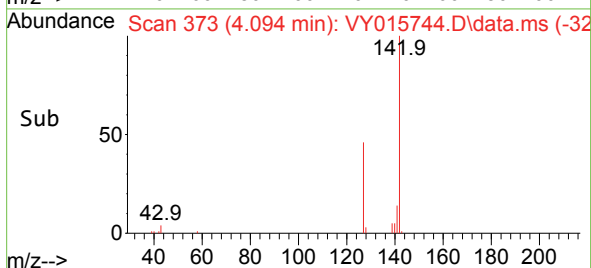
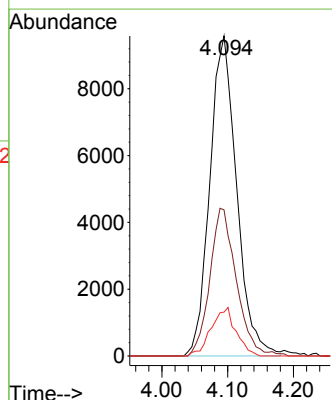
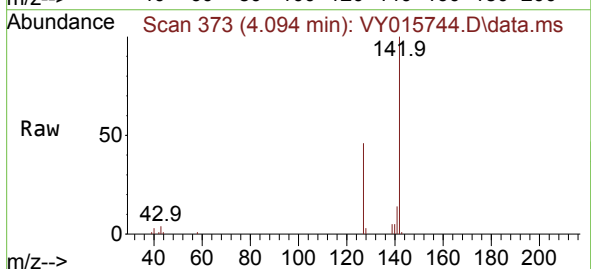
Instrument :
MSVOA_Y
ClientSampleId :

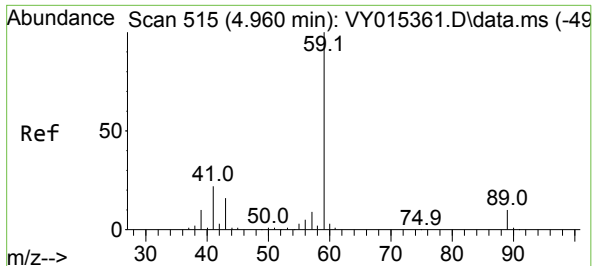
Tgt Ion:101 Resp: 29903
Ion Ratio Lower Upper
101 100
85 46.6 36.6 55.0
151 78.8 67.0 100.6



#10
Methyl Iodide
Concen: 17.578 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion:142 Resp: 27167
Ion Ratio Lower Upper
142 100
127 45.6 37.6 56.4
141 14.0 11.8 17.8





#11

Tert butyl alcohol

Concen: 100.664 ug/l

RT: 4.997 min Scan# 51

Delta R.T. 0.043 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

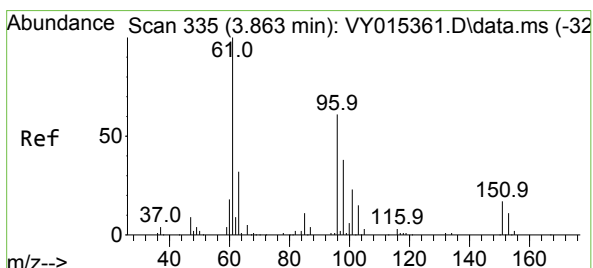
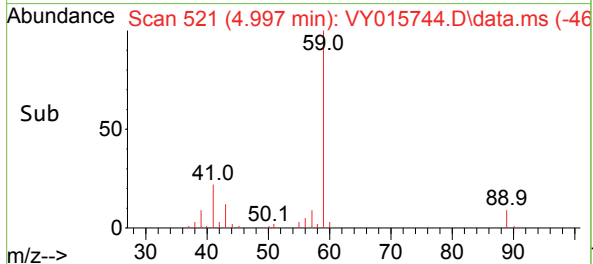
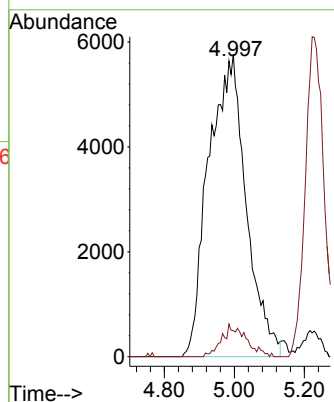
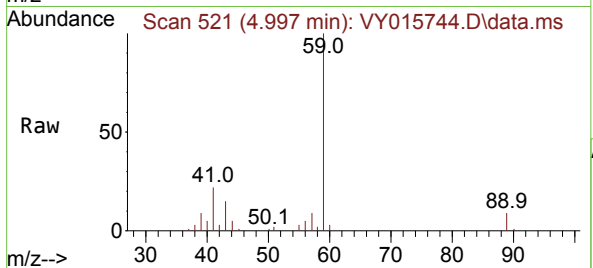
ClientSampleId :

Tgt Ion: 59 Resp: 42808

Ion Ratio Lower Upper

59 100

57 6.4 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 18.804 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

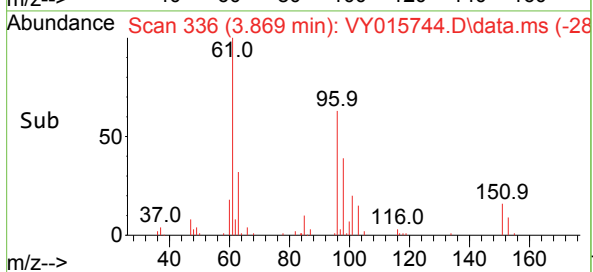
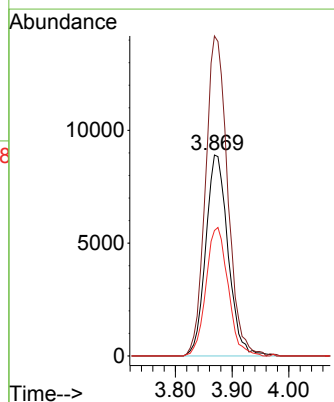
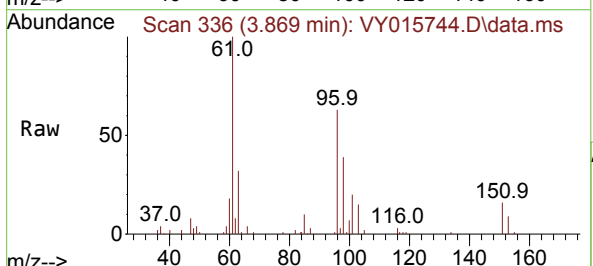
Tgt Ion: 96 Resp: 24373

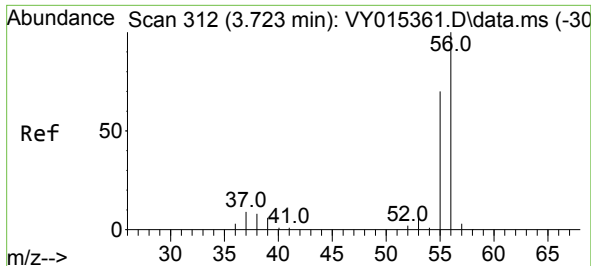
Ion Ratio Lower Upper

96 100

61 159.2 136.4 204.6

98 62.4 49.4 74.2

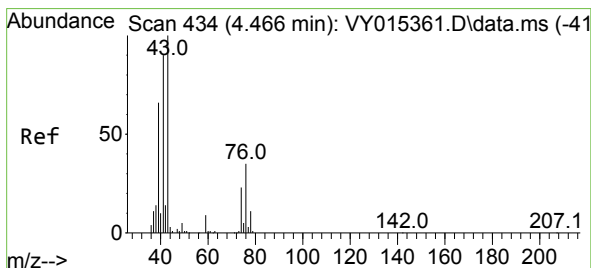
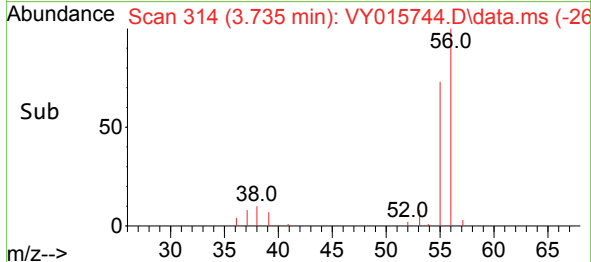
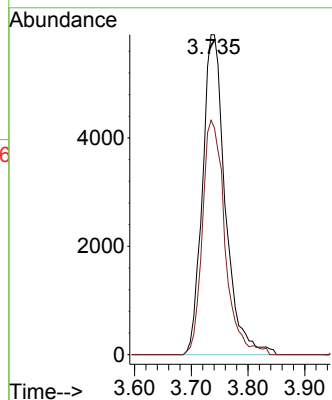
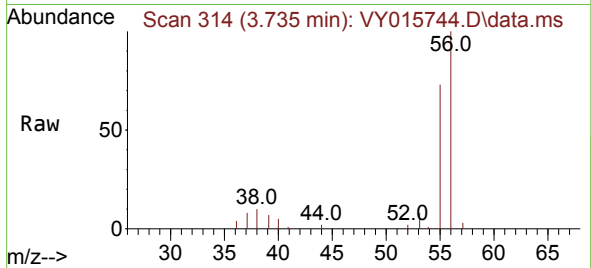




#13
Acrolein
Concen: 66.512 ug/l
RT: 3.735 min Scan# 312
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

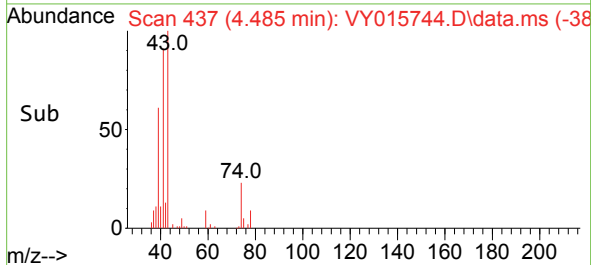
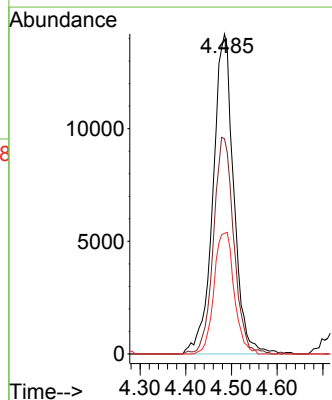
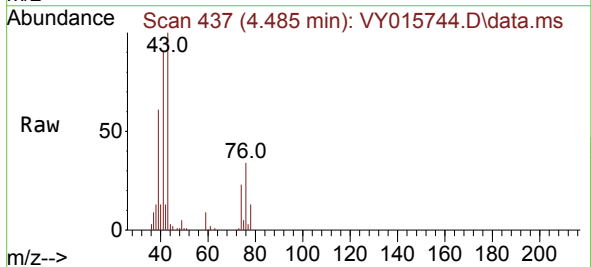
Instrument :
MSVOA_Y
ClientSampleId :

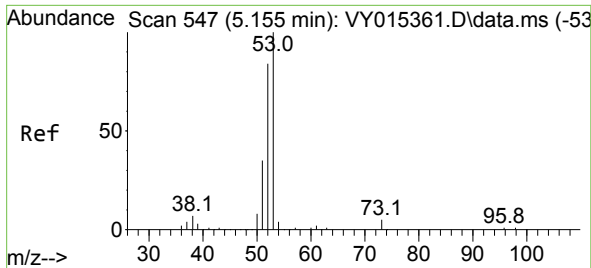
Tgt Ion: 56 Resp: 16512
Ion Ratio Lower Upper
56 100
55 72.5 57.0 85.4



#14
Allyl chloride
Concen: 18.919 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.013 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 41 Resp: 44835
Ion Ratio Lower Upper
41 100
39 66.3 58.0 87.0
76 36.8 27.4 41.2

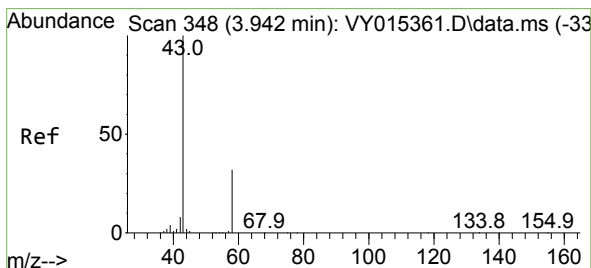
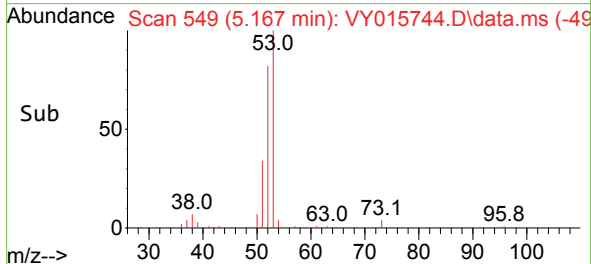
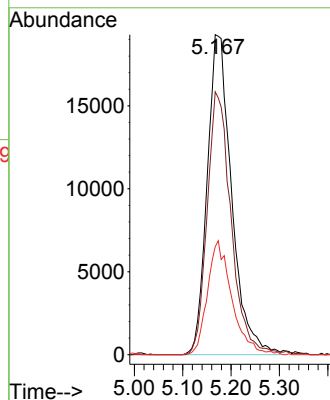
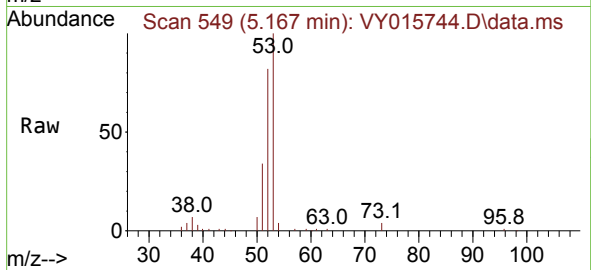




#15
Acrylonitrile
Concen: 92.040 ug/l
RT: 5.167 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

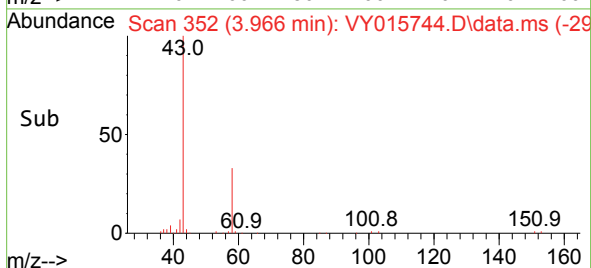
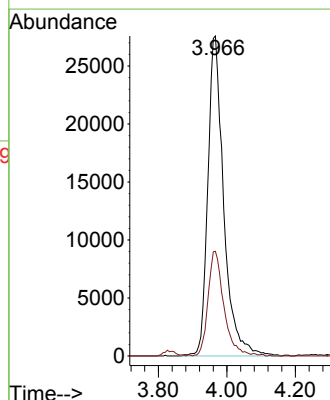
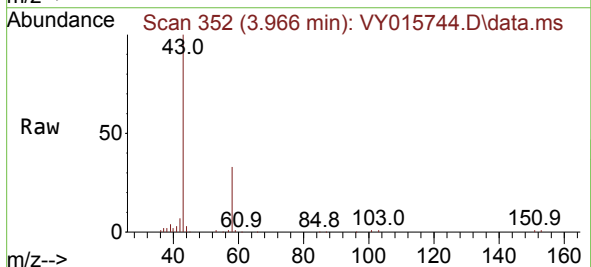
Instrument :
MSVOA_Y
ClientSampleId :

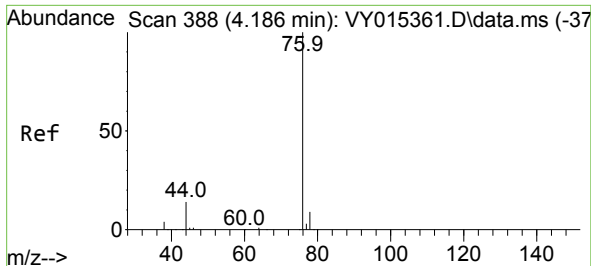
Tgt Ion: 53 Resp: 67642
Ion Ratio Lower Upper
53 100
52 80.5 66.9 100.3
51 35.7 29.8 44.6



#16
Acetone
Concen: 102.566 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 43 Resp: 88976
Ion Ratio Lower Upper
43 100
58 32.7 22.7 34.1





#17

Carbon Disulfide

Concen: 14.977 ug/l

RT: 4.192 min Scan# 389

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

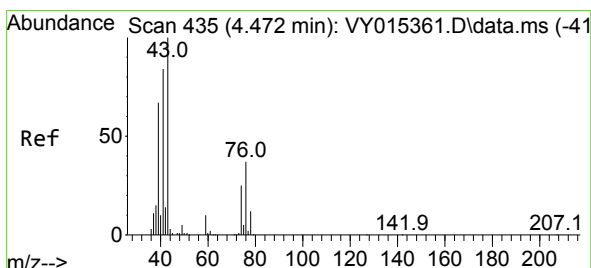
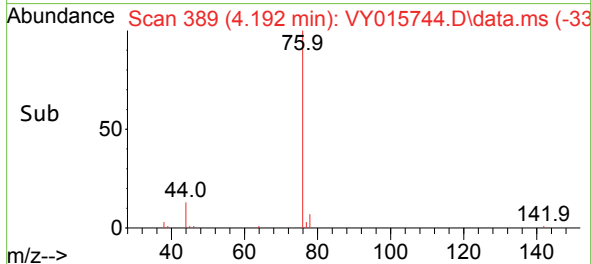
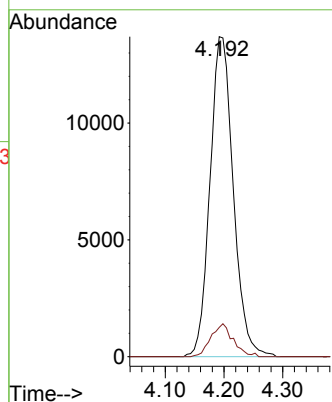
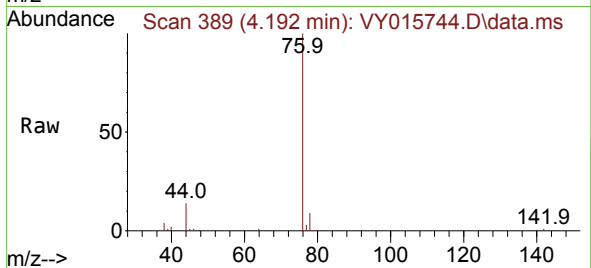
ClientSampleId :

Tgt Ion: 76 Resp: 37712

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 17.084 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.013 min

Lab File: VY015744.D

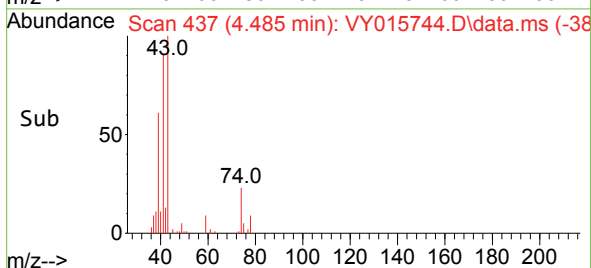
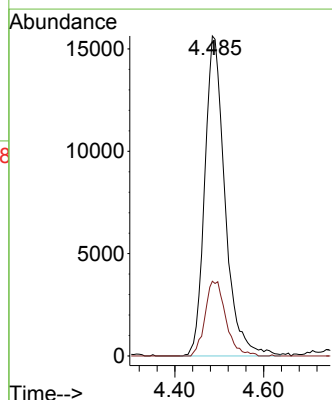
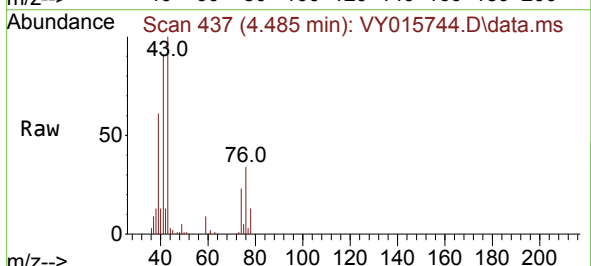
Acq: 28 Sep 2023 14:14

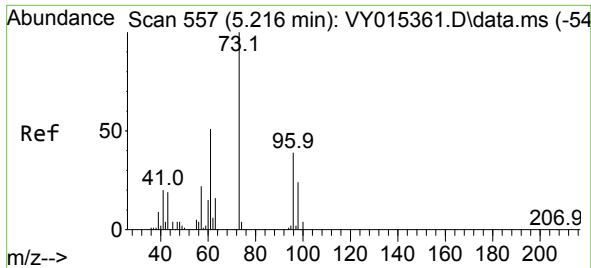
Tgt Ion: 43 Resp: 49725

Ion Ratio Lower Upper

43 100

74 23.9 17.4 26.0

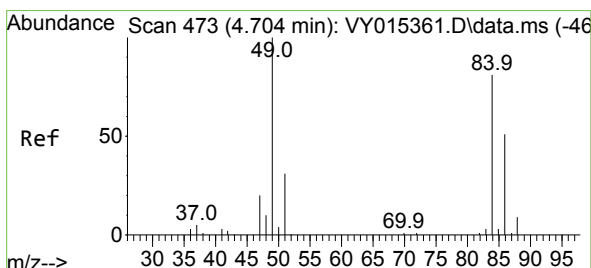
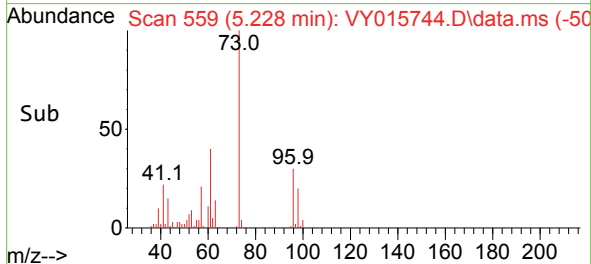
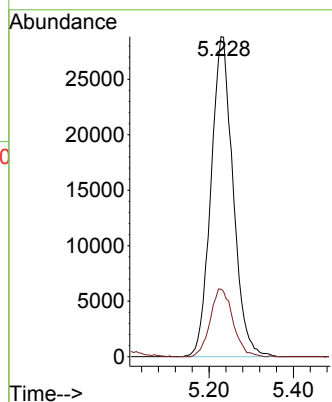
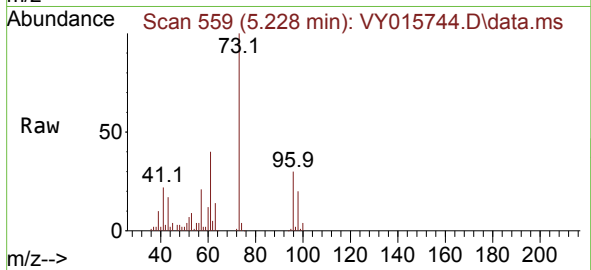




#19
Methyl tert-butyl Ether
Concen: 19.828 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.018 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

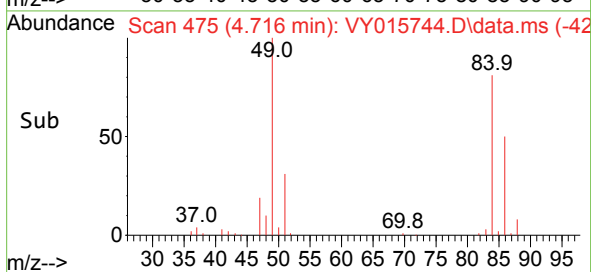
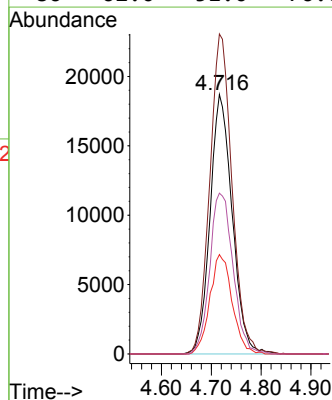
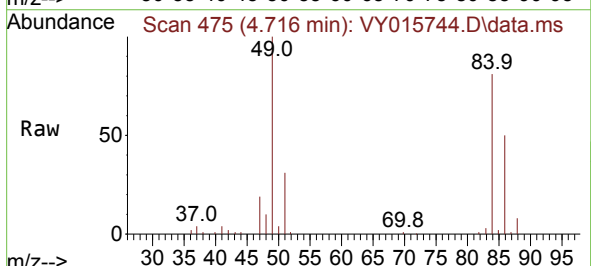
Instrument :
MSVOA_Y
ClientSampleId :

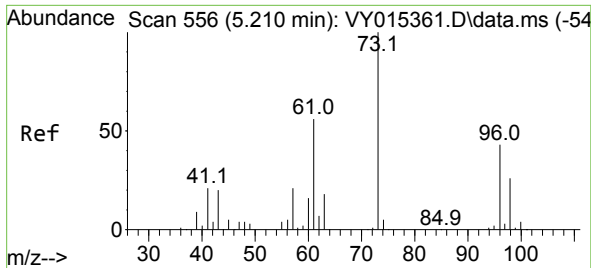
Tgt Ion: 73 Resp: 104673
Ion Ratio Lower Upper
73 100
57 21.1 17.3 25.9



#20
Methylene Chloride
Concen: 28.231 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 84 Resp: 57638
Ion Ratio Lower Upper
84 100
49 123.3 106.9 160.3
51 38.3 33.2 49.8
86 62.0 51.0 76.6

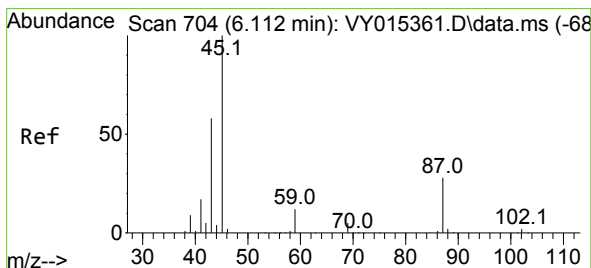
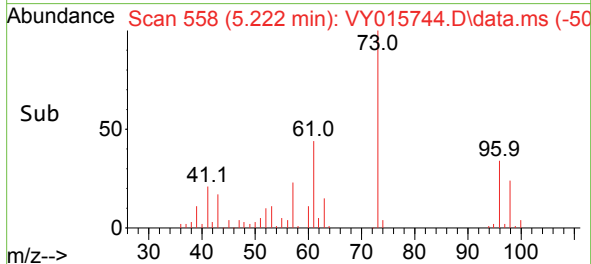
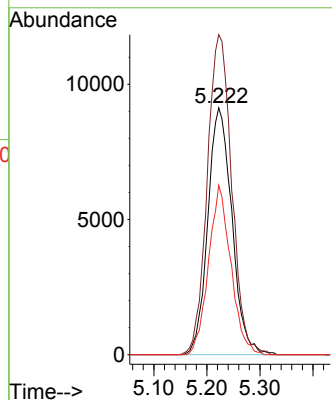
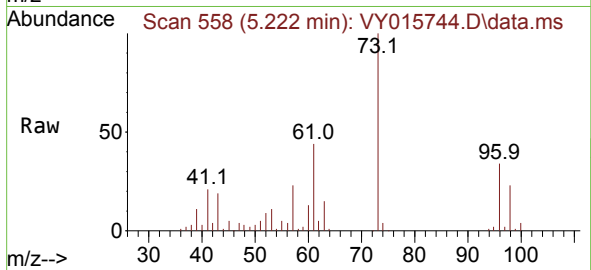




#21
trans-1,2-Dichloroethene
Concen: 19.461 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

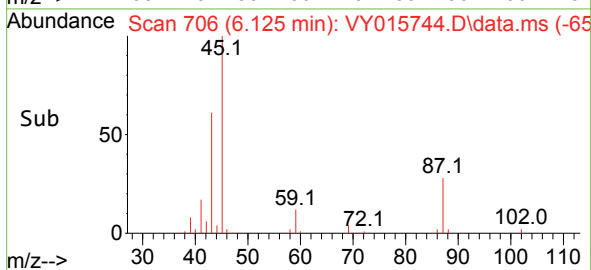
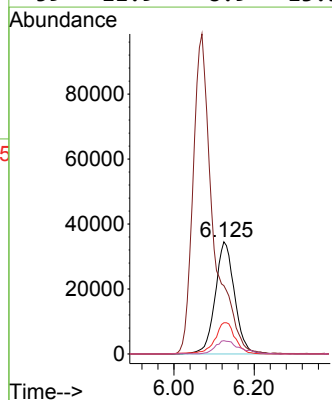
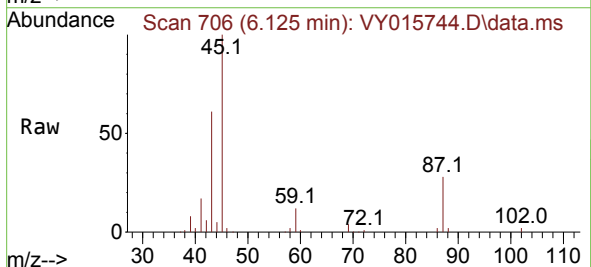
Instrument :
MSVOA_Y
ClientSampleId :

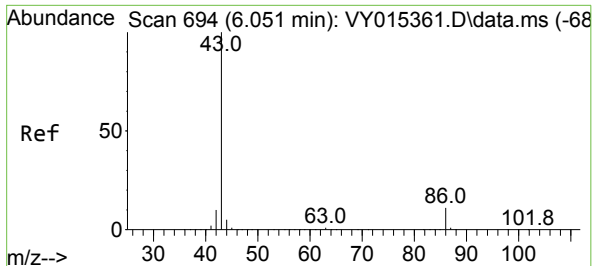
Tgt Ion: 96 Resp: 28832
Ion Ratio Lower Upper
96 100
61 129.6 110.2 165.4
98 68.6 51.8 77.6



#22
Diisopropyl ether
Concen: 20.244 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.013 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 45 Resp: 115453
Ion Ratio Lower Upper
45 100
43 60.2 52.2 78.4
87 27.9 21.0 31.6
59 11.9 8.9 13.3





#23

Vinyl Acetate

Concen: 96.621 ug/l

RT: 6.070 min Scan# 694

Delta R.T. 0.019 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

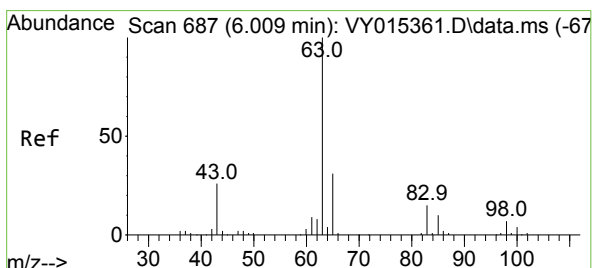
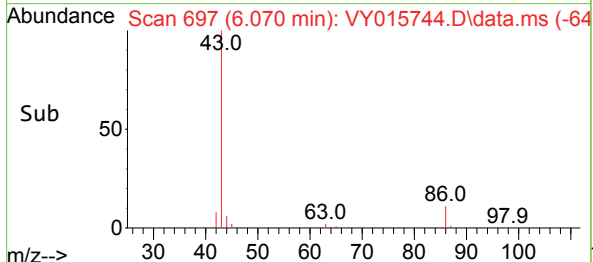
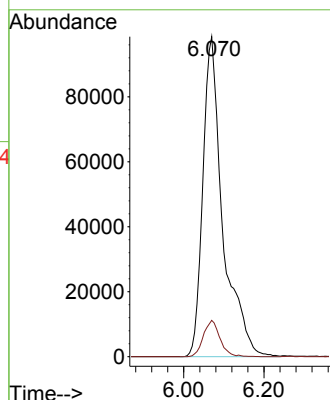
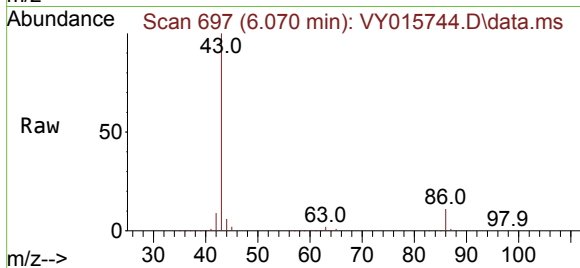
ClientSampleId :

Tgt Ion: 43 Resp: 340127

Ion Ratio Lower Upper

43 100

86 11.3 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 20.111 ug/l

RT: 6.021 min Scan# 689

Delta R.T. 0.018 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

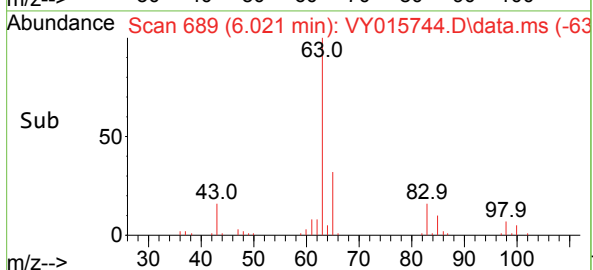
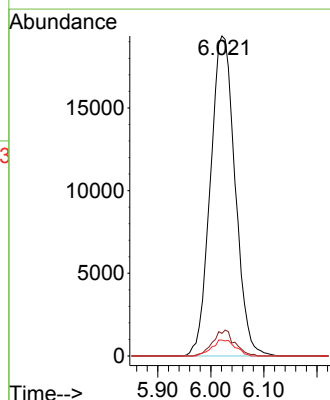
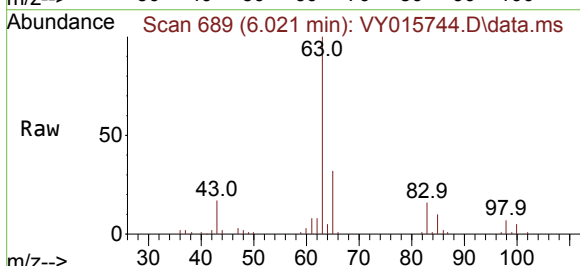
Tgt Ion: 63 Resp: 62516

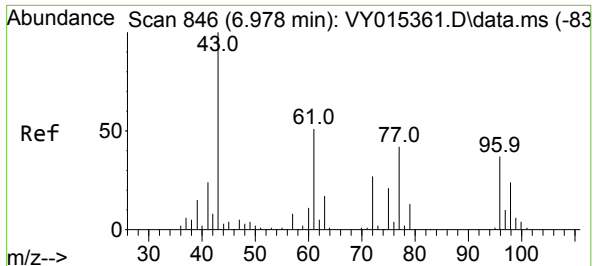
Ion Ratio Lower Upper

63 100

98 7.1 3.1 9.4

100 4.9 1.8 5.5





#25

2-Butanone

Concen: 94.629 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

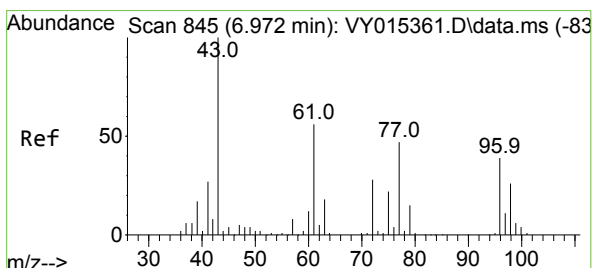
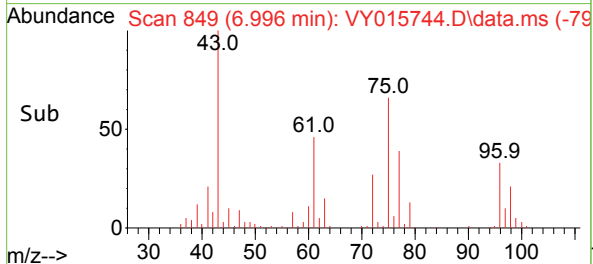
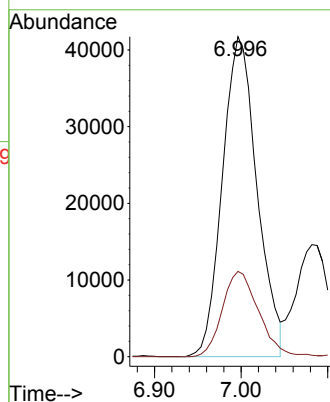
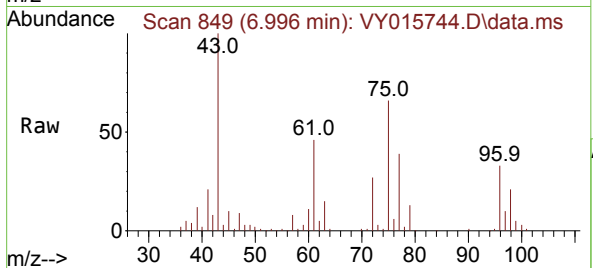
ClientSampleId :

Tgt Ion: 43 Resp: 116032

Ion Ratio Lower Upper

43 100

72 26.7 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.223 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY015744.D

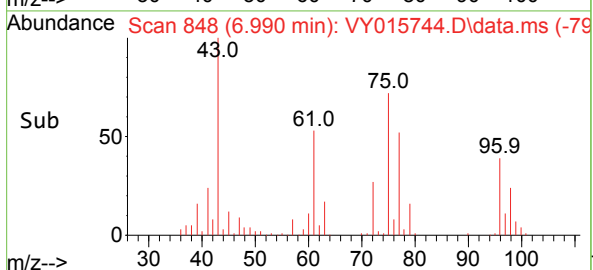
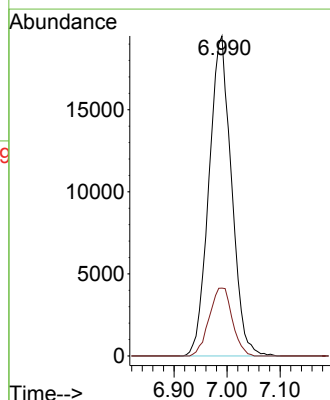
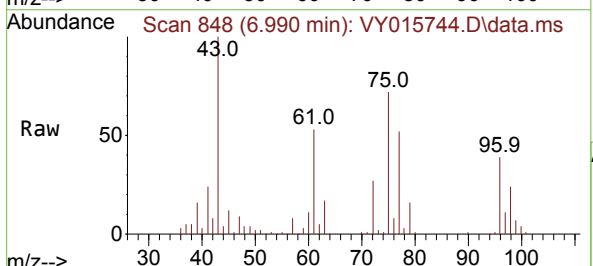
Acq: 28 Sep 2023 14:14

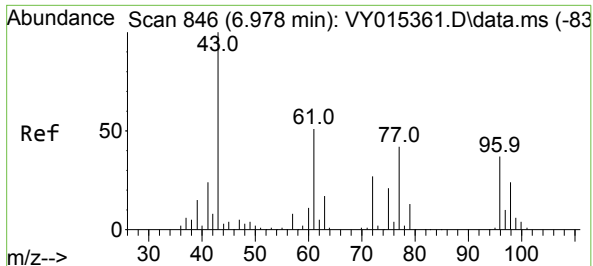
Tgt Ion: 77 Resp: 57459

Ion Ratio Lower Upper

77 100

97 21.8 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.109 ug/l

RT: 6.990 min Scan# 846

Delta R.T. 0.012 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

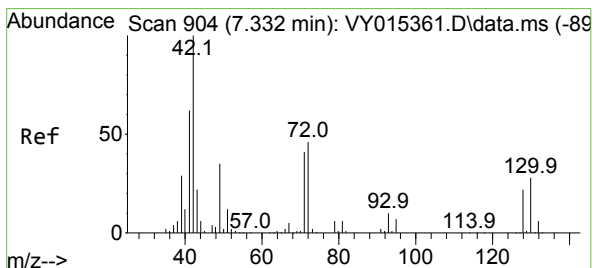
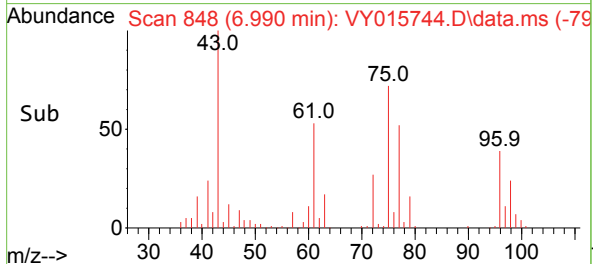
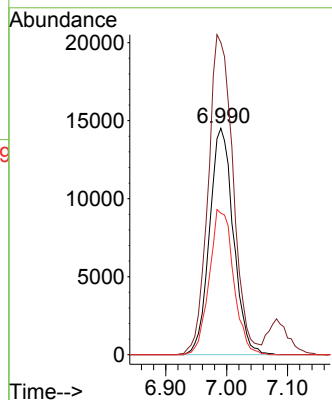
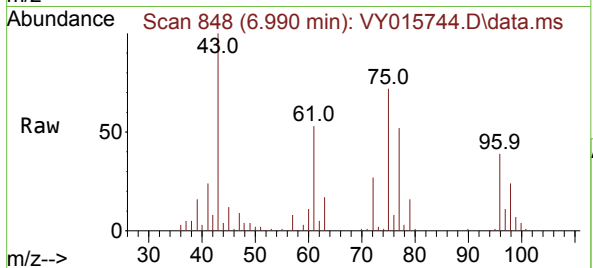
Tgt Ion: 96 Resp: 39550

Ion Ratio Lower Upper

96 100

61 147.7 0.0 301.4

98 64.9 0.0 130.4



#28

Bromochloromethane

Concen: 25.138 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.018 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

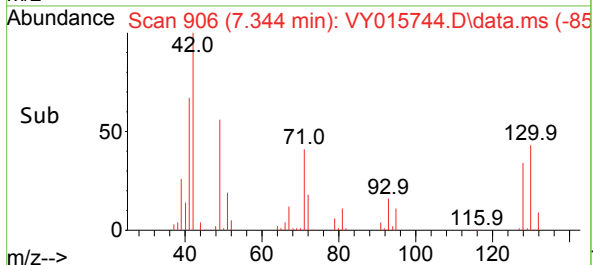
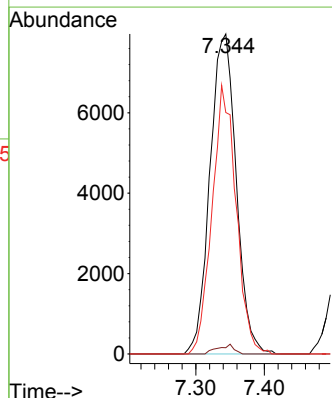
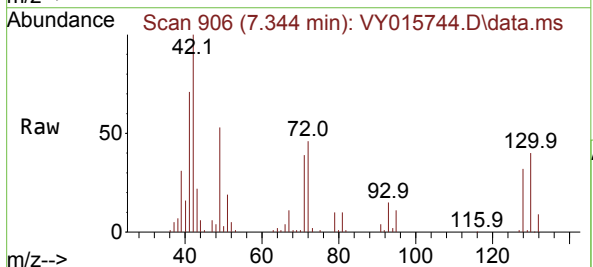
Tgt Ion: 49 Resp: 21201

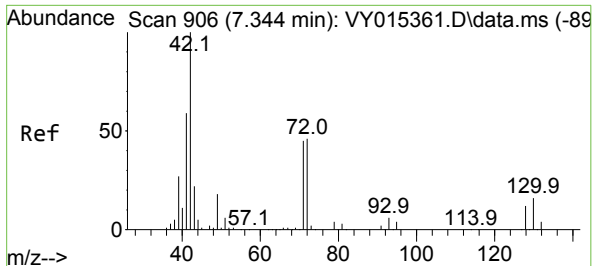
Ion Ratio Lower Upper

49 100

129 1.8 0.0 4.6

130 76.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 86.493 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

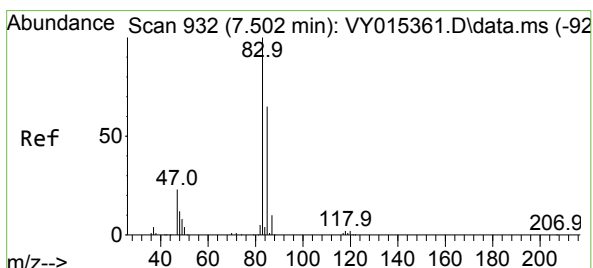
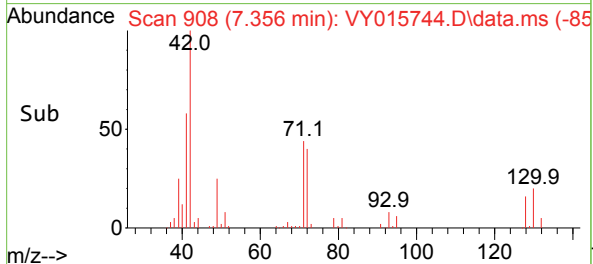
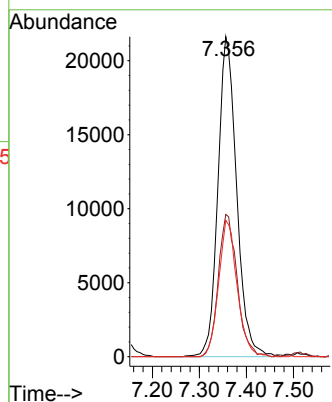
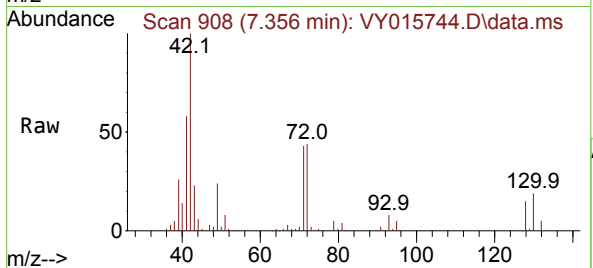
Tgt Ion: 42 Resp: 59944

Ion Ratio Lower Upper

42 100

72 44.7 32.8 49.2

71 42.1 31.0 46.4



#30

Chloroform

Concen: 20.791 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.018 min

Lab File: VY015744.D

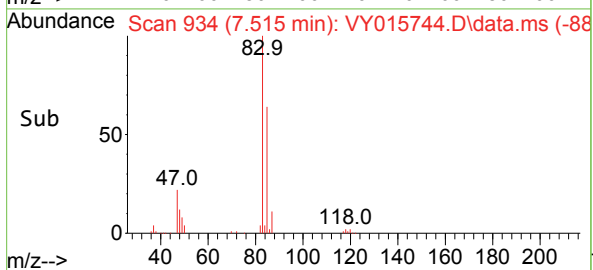
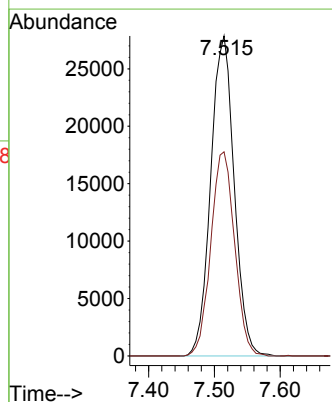
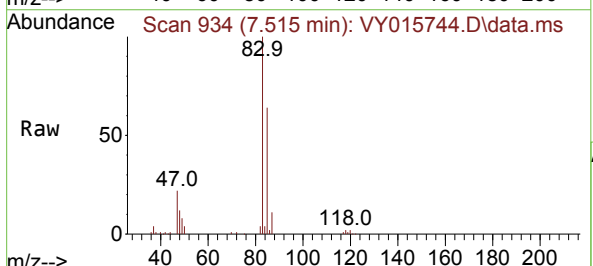
Acq: 28 Sep 2023 14:14

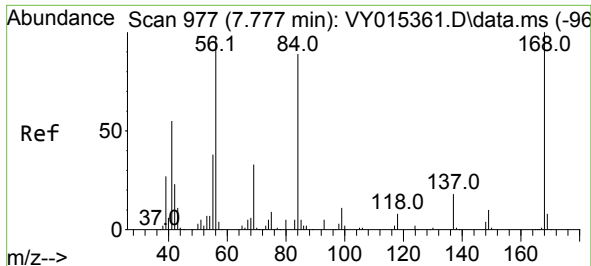
Tgt Ion: 83 Resp: 69212

Ion Ratio Lower Upper

83 100

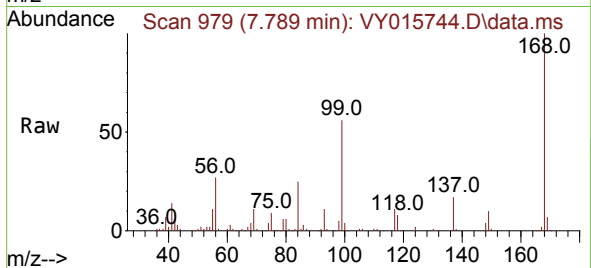
85 63.8 49.7 74.5



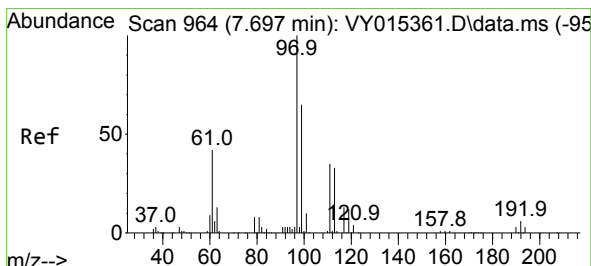
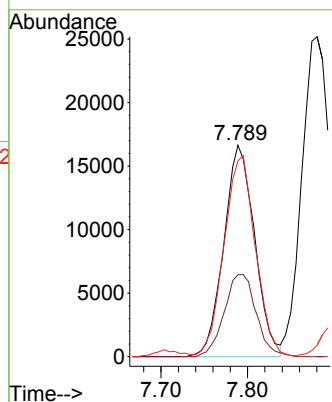
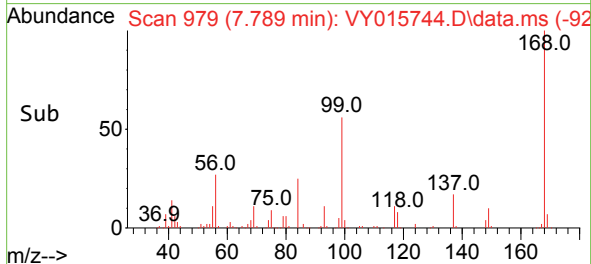


#31
Cyclohexane
Concen: 18.356 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

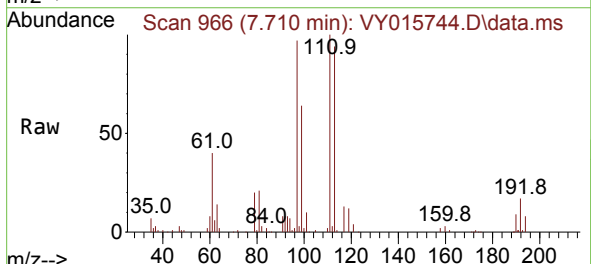
Instrument :
MSVOA_Y
ClientSampleId :



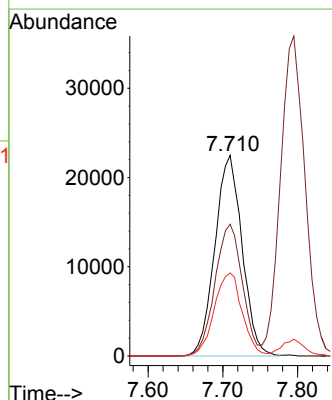
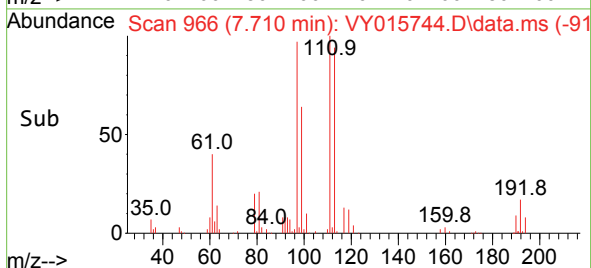
Tgt Ion: 56 Resp: 41220
Ion Ratio Lower Upper
56 100
69 38.7 27.8 41.6
84 91.1 66.4 99.6

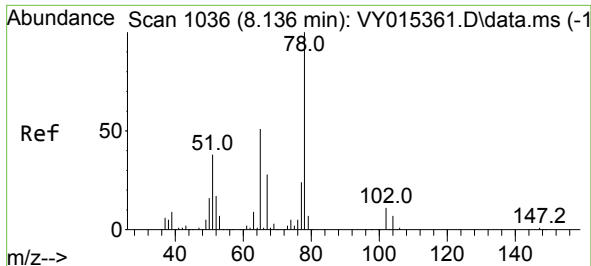


#32
1,1,1-Trichloroethane
Concen: 20.702 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.019 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14



Tgt Ion: 97 Resp: 56893
Ion Ratio Lower Upper
97 100
99 65.8 50.8 76.2
61 42.4 35.1 52.7

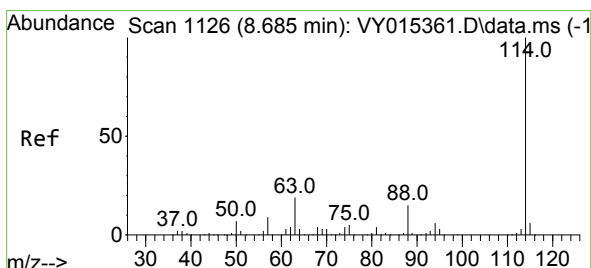
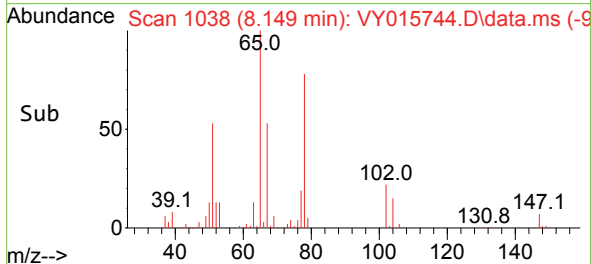
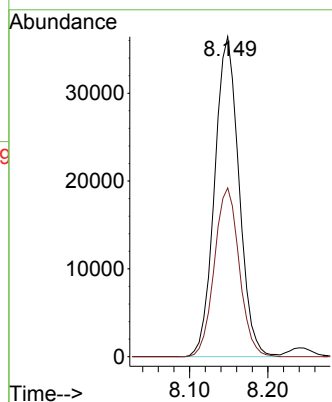
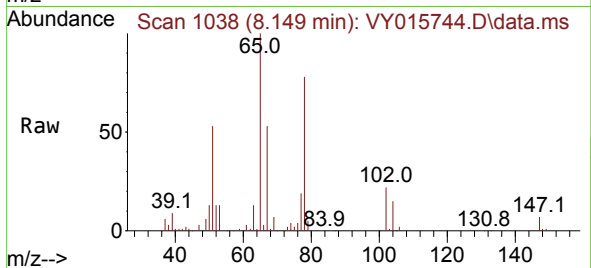




#33
 1,2-Dichloroethane-d4
 Concen: 48.685 ug/l
 RT: 8.149 min Scan# 110
 Delta R.T. 0.013 min
 Lab File: VY015744.D
 Acq: 28 Sep 2023 14:14

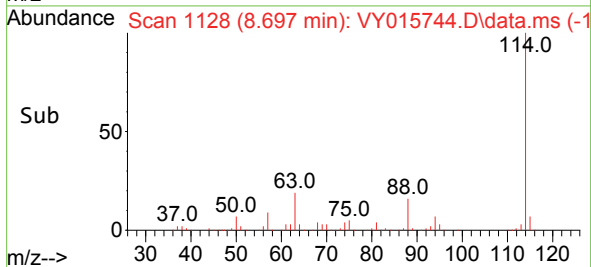
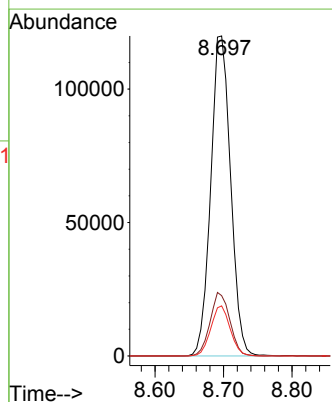
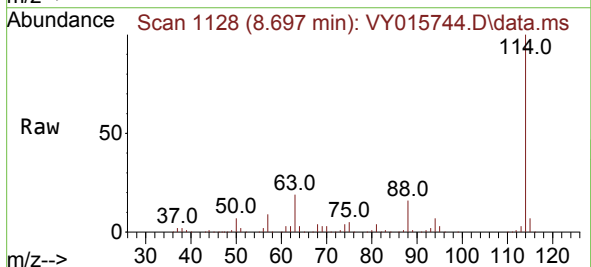
Instrument :
 MSVOA_Y
 ClientSampleId :

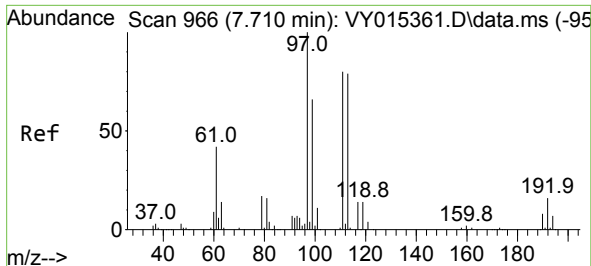
Tgt Ion: 65 Resp: 78919
 Ion Ratio Lower Upper
 65 100
 67 53.7 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.012 min
 Lab File: VY015744.D
 Acq: 28 Sep 2023 14:14

Tgt Ion: 114 Resp: 242184
 Ion Ratio Lower Upper
 114 100
 63 18.9 0.0 42.4
 88 15.7 0.0 30.6

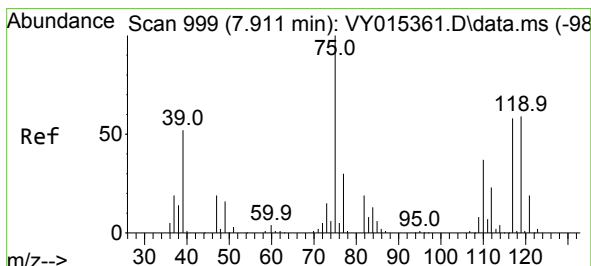
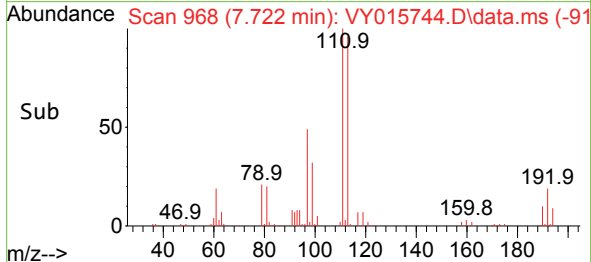
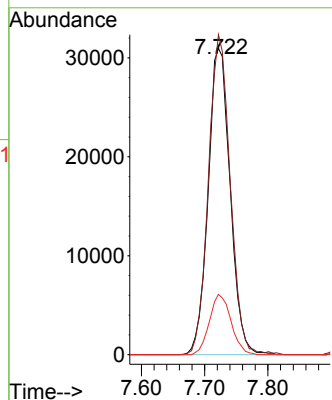
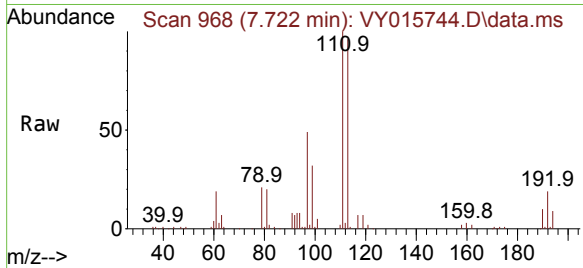




#35
Dibromofluoromethane
Concen: 51.627 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

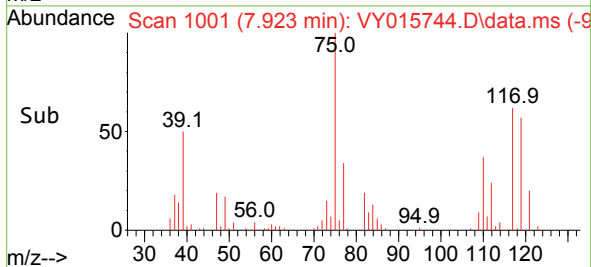
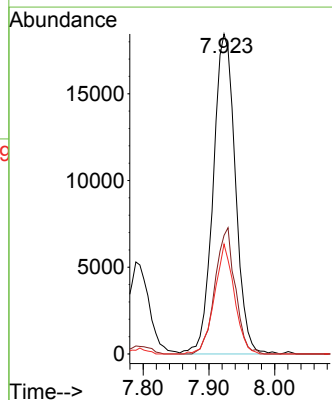
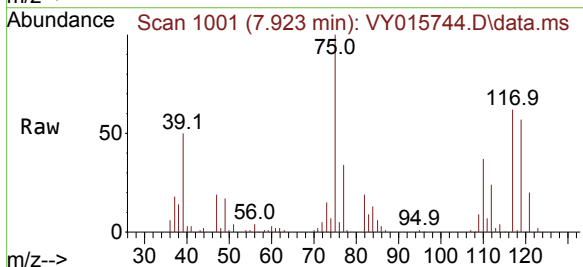
Instrument :
MSVOA_Y
ClientSampleId :

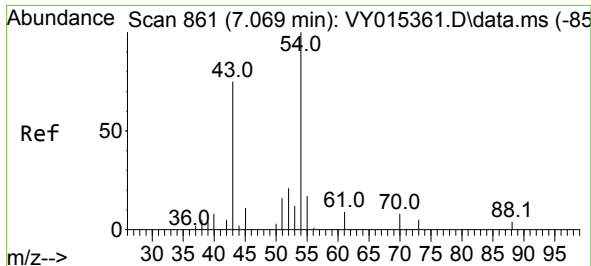
Tgt Ion:113 Resp: 74836
Ion Ratio Lower Upper
113 100
111 103.3 81.3 121.9
192 19.4 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.225 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

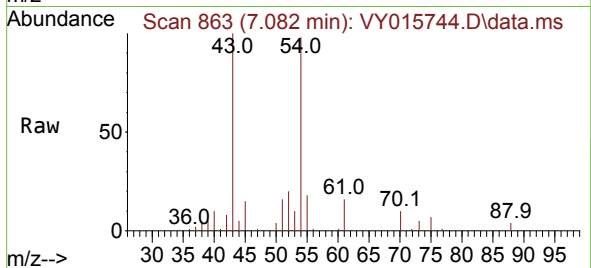
Tgt Ion: 75 Resp: 43348
Ion Ratio Lower Upper
75 100
110 35.9 17.8 53.5
77 30.9 24.4 36.6



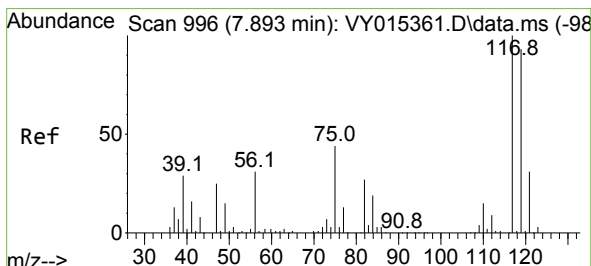
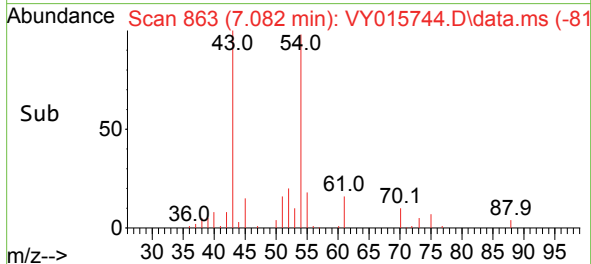
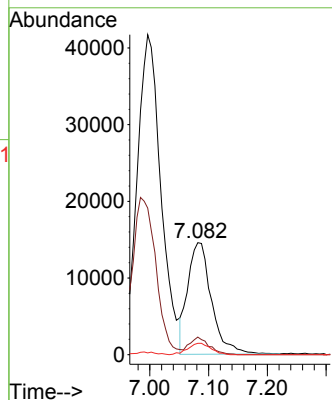


#37
Ethyl Acetate
Concen: 19.052 ug/l
RT: 7.082 min Scan# 863
Delta R.T. 0.019 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Instrument :
MSVOA_Y
ClientSampleId :

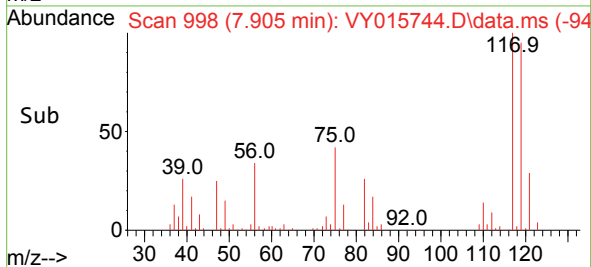
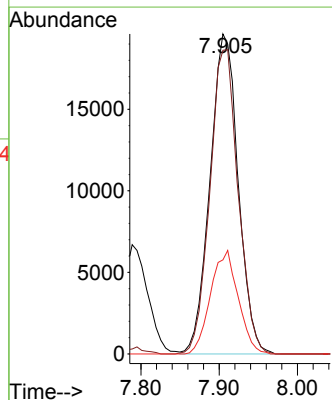
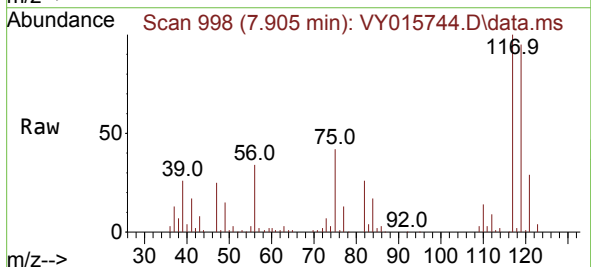


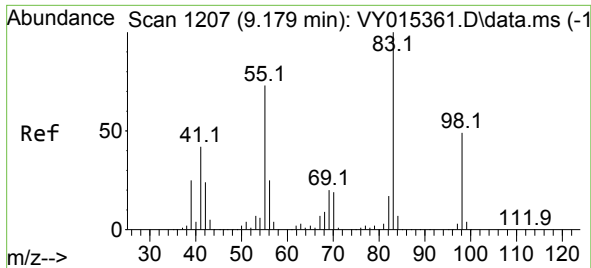
Tgt Ion: 43 Resp: 40731
Ion Ratio Lower Upper
43 100
61 12.9 10.1 15.1
70 9.9 7.1 10.7



#38
Carbon Tetrachloride
Concen: 21.107 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 117 Resp: 49105
Ion Ratio Lower Upper
117 100
119 94.9 76.4 114.6
121 29.4 25.8 38.6

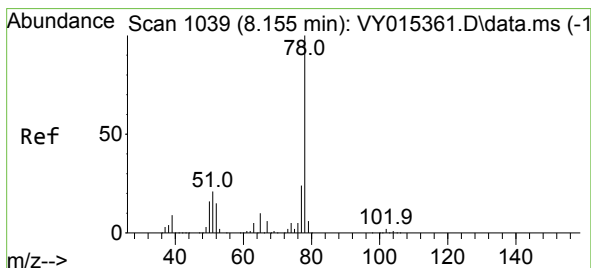
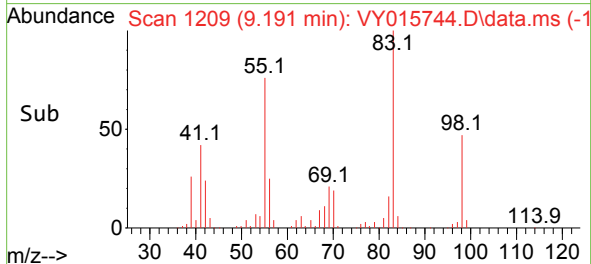
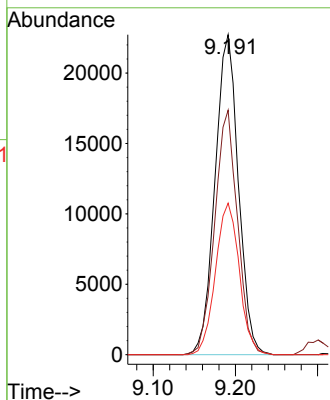
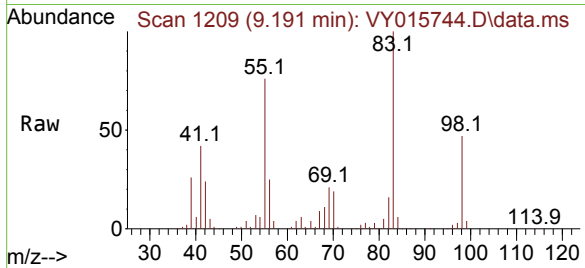




#39
Methylcyclohexane
Concen: 18.932 ug/l
RT: 9.191 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

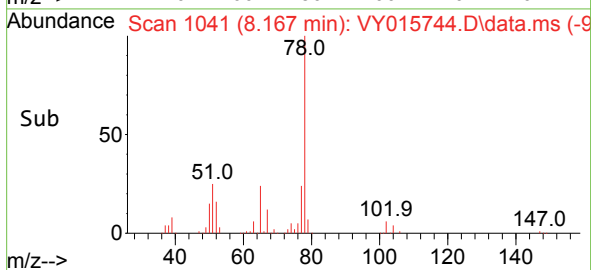
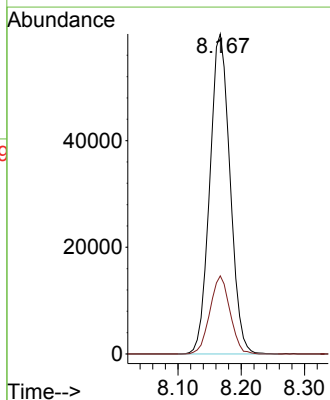
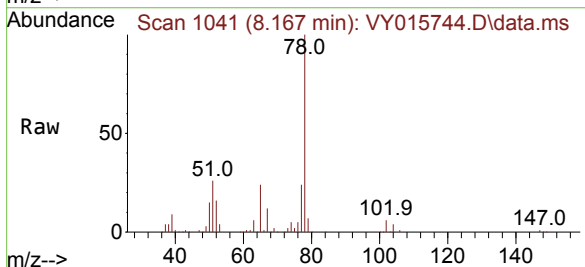
Instrument :
MSVOA_Y
ClientSampleId :

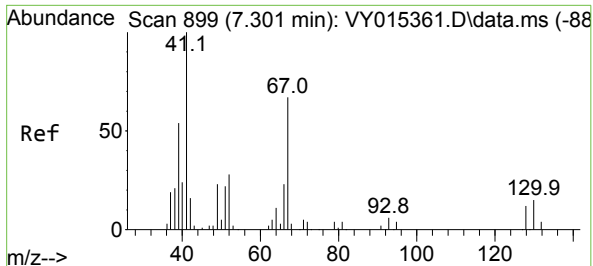
Tgt Ion: 83 Resp: 44879
Ion Ratio Lower Upper
83 100
55 76.4 63.0 94.4
98 47.4 37.4 56.2



#40
Benzene
Concen: 20.329 ug/l
RT: 8.167 min Scan# 1041
Delta R.T. 0.018 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 78 Resp: 132870
Ion Ratio Lower Upper
78 100
77 24.4 19.0 28.6

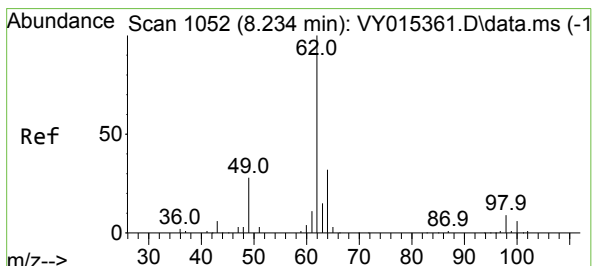
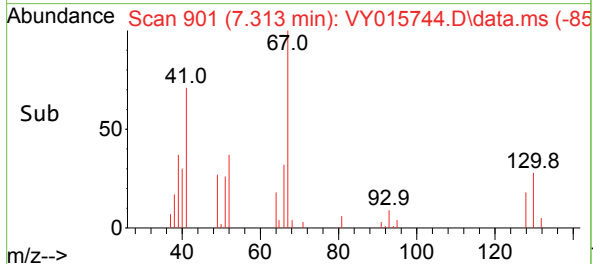
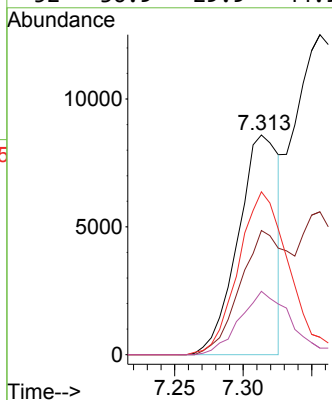
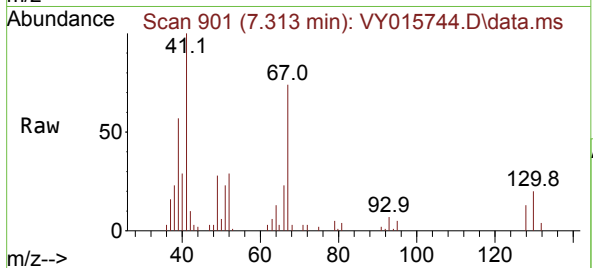




#41
Methacrylonitrile
Concen: 15.337 ug/l
RT: 7.313 min Scan# 901
Delta R.T. 0.000 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

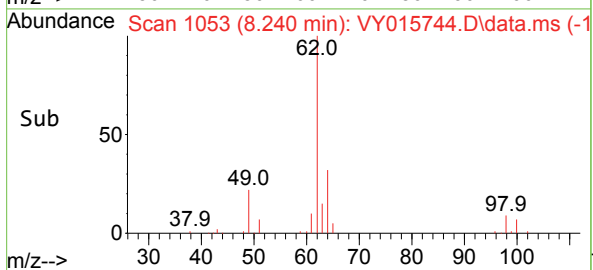
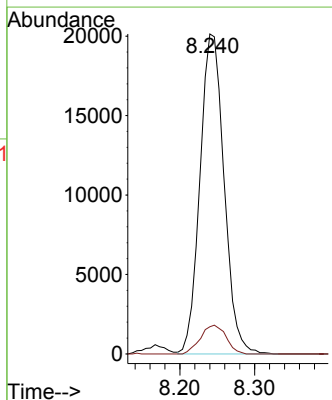
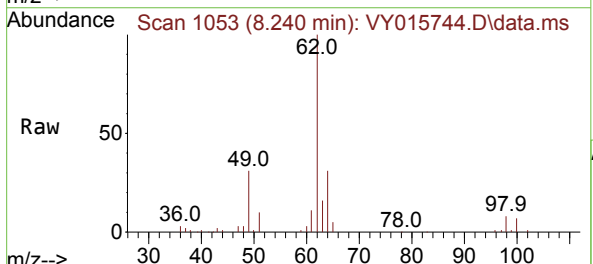
Instrument :
MSVOA_Y
ClientSampleId :

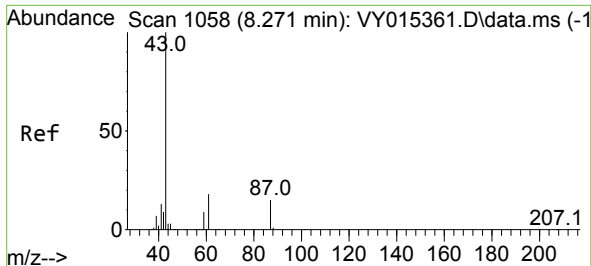
Tgt Ion:	41	Resp:	17654
Ion	Ratio	Lower	Upper
41	100		
39	70.0	52.1	78.1
67	94.2	66.2	99.2
52	36.9	29.9	44.9



#42
1,2-Dichloroethane
Concen: 20.148 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

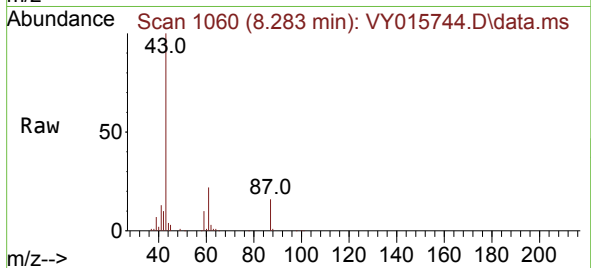
Tgt Ion:	62	Resp:	45101
Ion	Ratio	Lower	Upper
62	100		
98	9.6	0.0	15.8



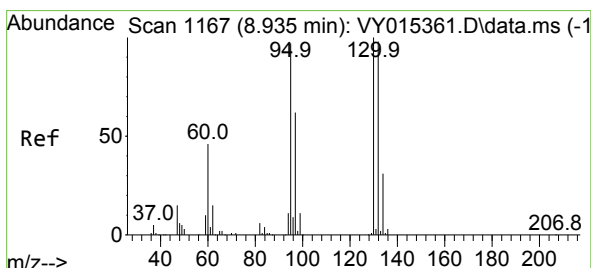
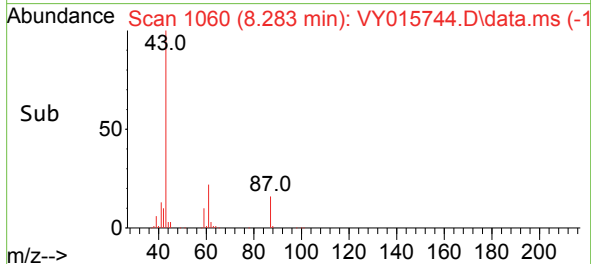
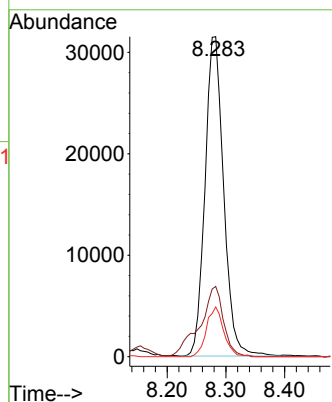


#43
Isopropyl Acetate
Concen: 19.030 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.019 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Instrument :
MSVOA_Y
ClientSampleId :

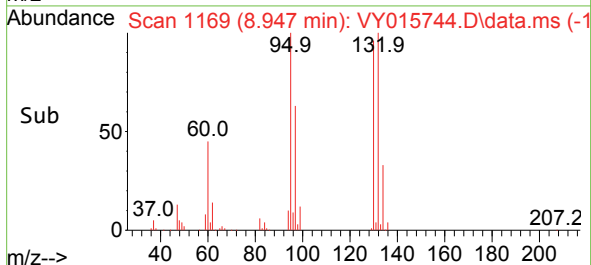
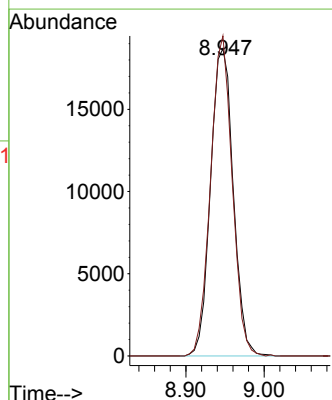
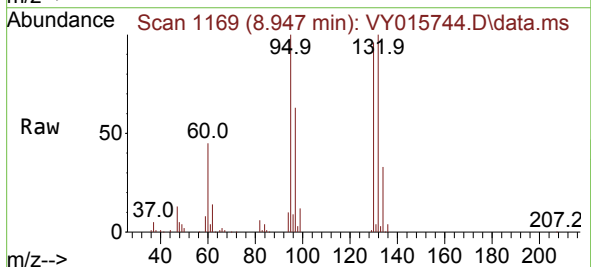


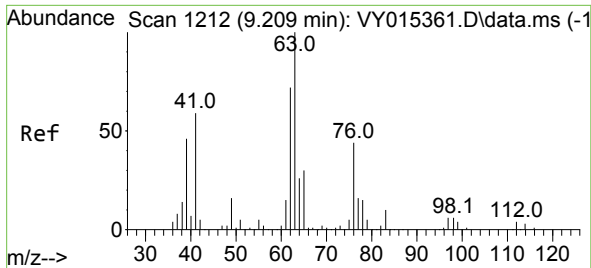
Tgt Ion	Ratio	Lower	Upper
43	100		
61	28.0	21.1	31.7
87	14.5	9.8	14.8



#44
Trichloroethene
Concen: 20.589 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion	Ratio	Lower	Upper
130	100		
95	104.1	0.0	196.0

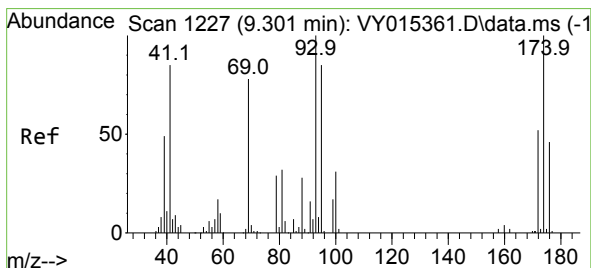
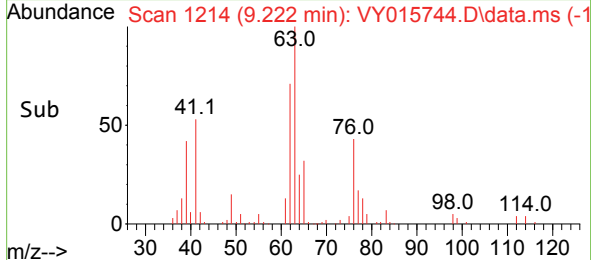
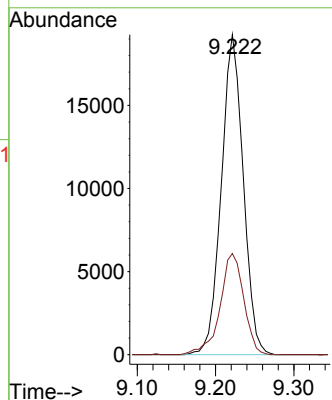
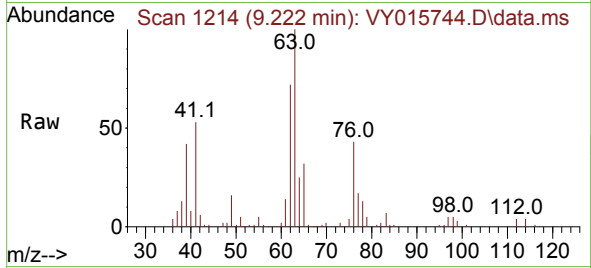




#45
1,2-Dichloropropane
Concen: 20.549 ug/l
RT: 9.222 min Scan# 11
Delta R.T. 0.007 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

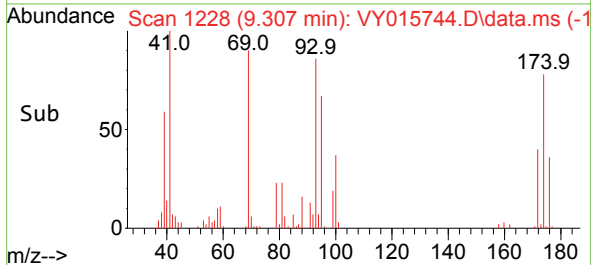
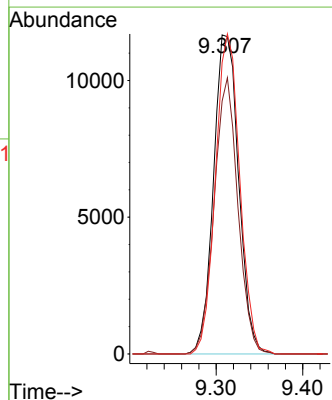
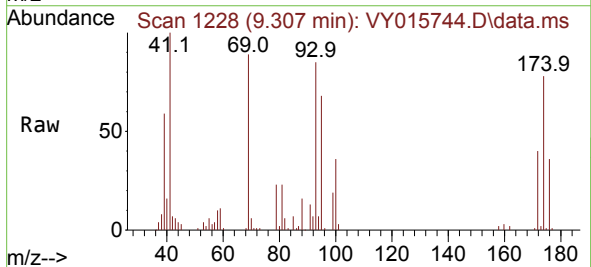
Instrument :
MSVOA_Y
ClientSampleId :

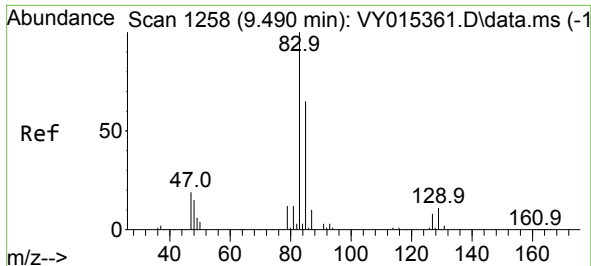
Tgt Ion: 63 Resp: 37455
Ion Ratio Lower Upper
63 100
65 31.6 23.8 35.6



#46
Dibromomethane
Concen: 20.138 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

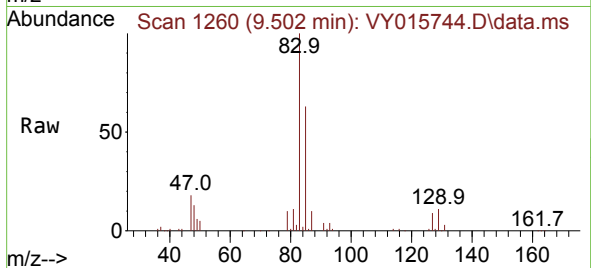
Tgt Ion: 93 Resp: 23480
Ion Ratio Lower Upper
93 100
95 81.8 66.6 100.0
174 97.2 84.8 127.2



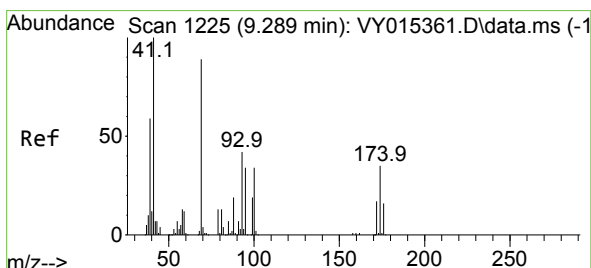
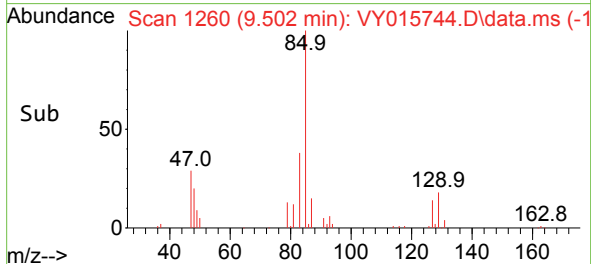
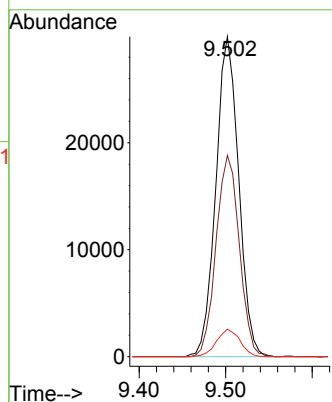


#47
Bromodichloromethane
Concen: 21.071 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Instrument :
MSVOA_Y
ClientSampleId :

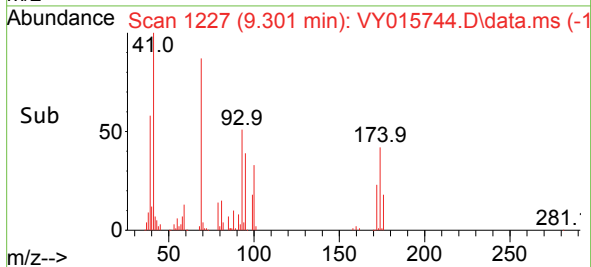
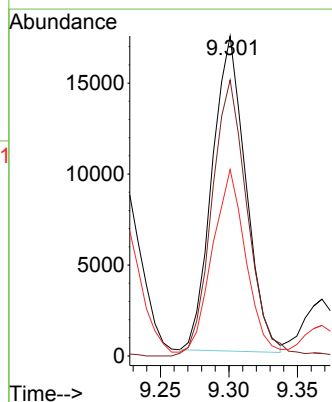
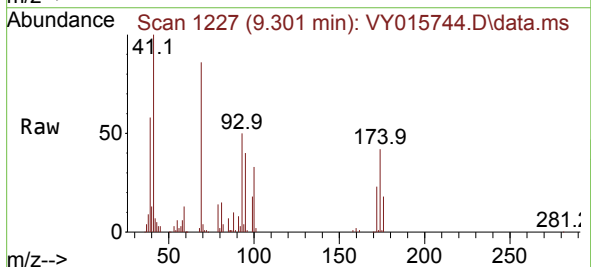


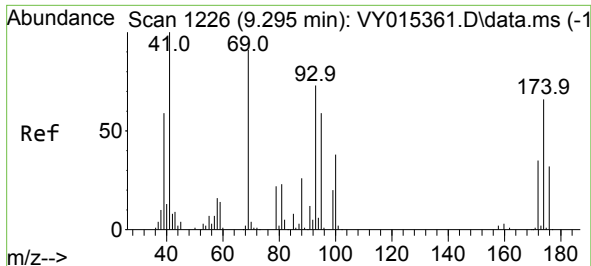
Tgt Ion: 83 Resp: 54760
Ion Ratio Lower Upper
83 100
85 62.9 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 18.456 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 41 Resp: 29583
Ion Ratio Lower Upper
41 100
69 92.9 64.5 96.7
39 59.8 50.8 76.2





#49

1,4-Dioxane

Concen: 388.166 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.030 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

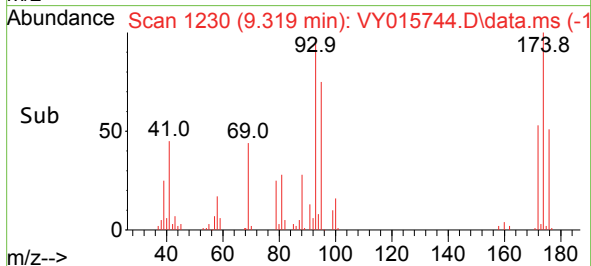
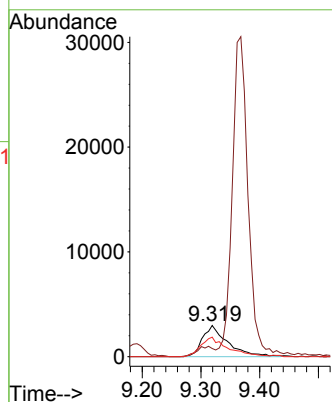
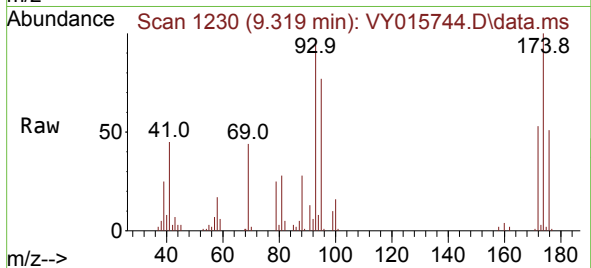
Tgt Ion: 88 Resp: 8941

Ion Ratio Lower Upper

88 100

43 22.6 0.0 0.0#

58 66.5 30.9 46.3#



#50

Toluene-d8

Concen: 55.181 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015744.D

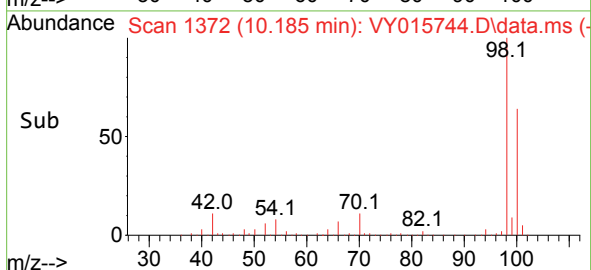
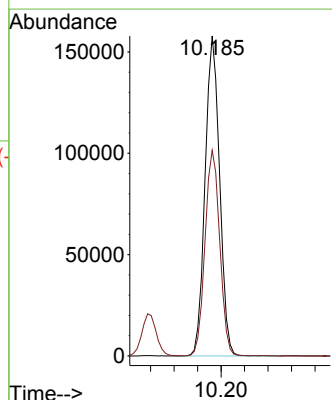
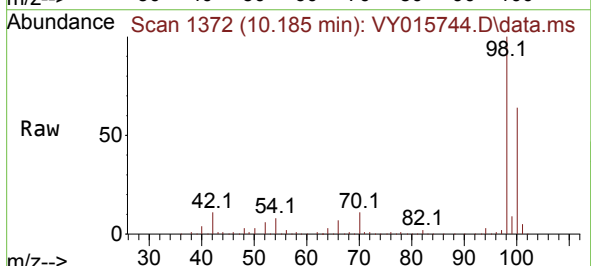
Acq: 28 Sep 2023 14:14

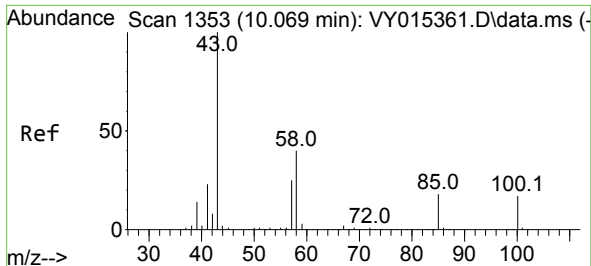
Tgt Ion: 98 Resp: 271212

Ion Ratio Lower Upper

98 100

100 65.0 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 95.795 ug/l

RT: 10.075 min Scan# 1354

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

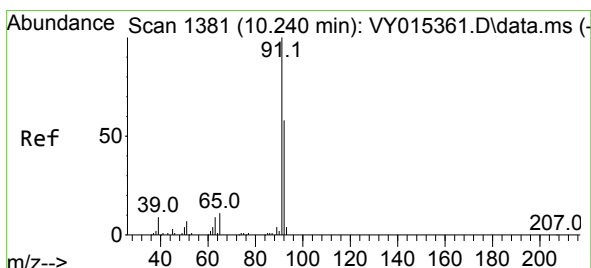
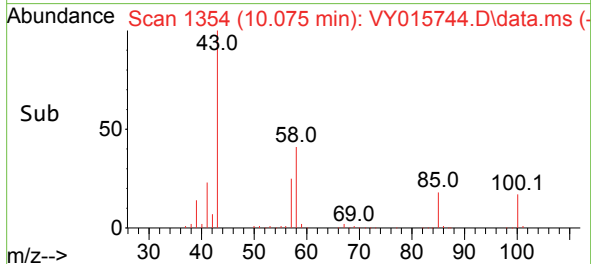
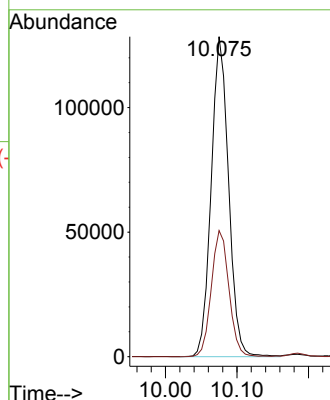
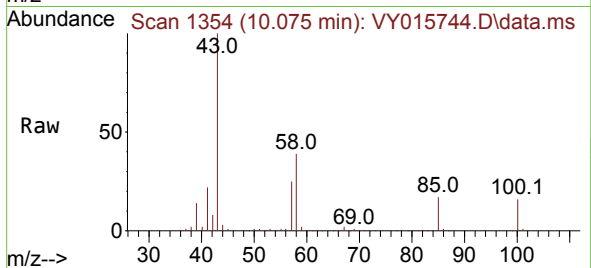
ClientSampleId :

Tgt Ion: 43 Resp: 216828

Ion Ratio Lower Upper

43 100

58 40.0 29.0 43.6



#52

Toluene

Concen: 20.893 ug/l

RT: 10.252 min Scan# 1383

Delta R.T. 0.012 min

Lab File: VY015744.D

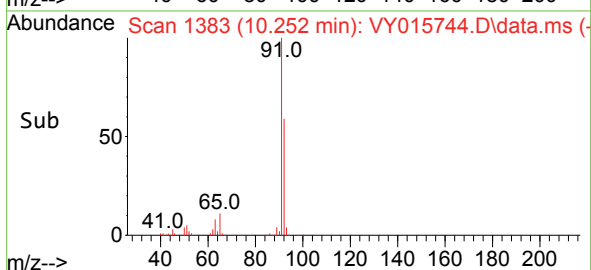
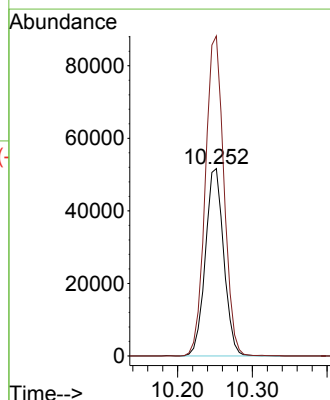
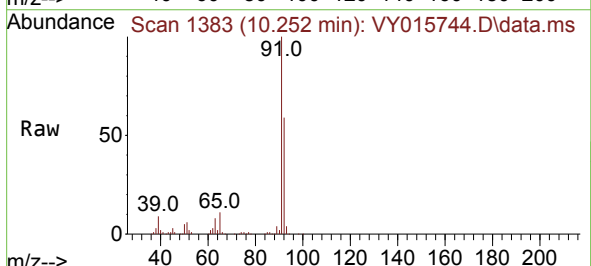
Acq: 28 Sep 2023 14:14

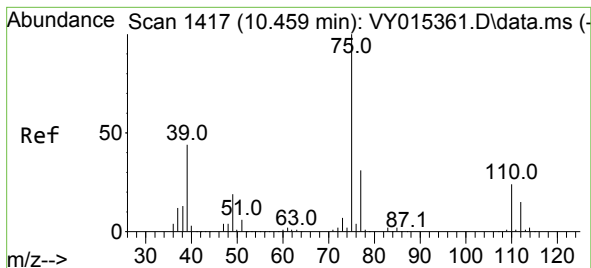
Tgt Ion: 92 Resp: 88037

Ion Ratio Lower Upper

92 100

91 172.8 143.8 215.6

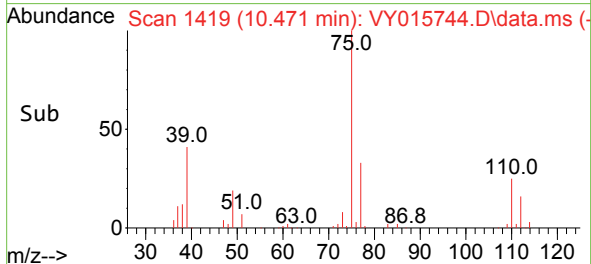
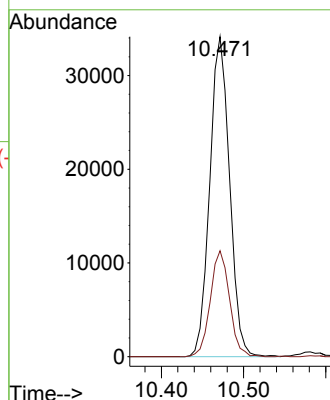
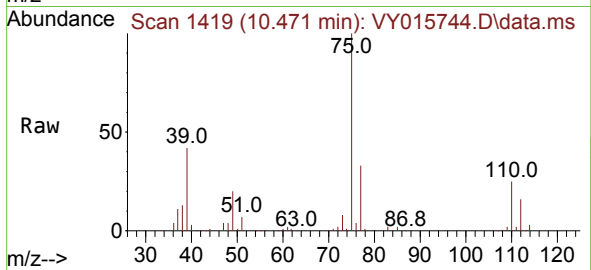




#53
 t-1,3-Dichloropropene
 Concen: 20.544 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015744.D
 Acq: 28 Sep 2023 14:14

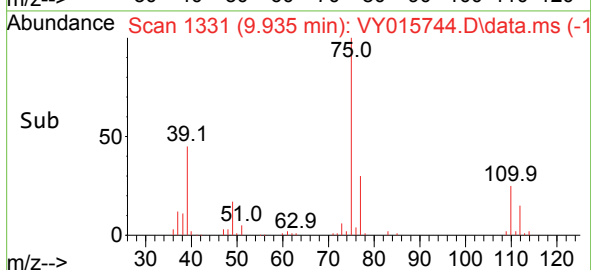
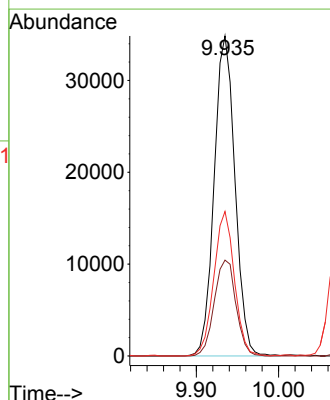
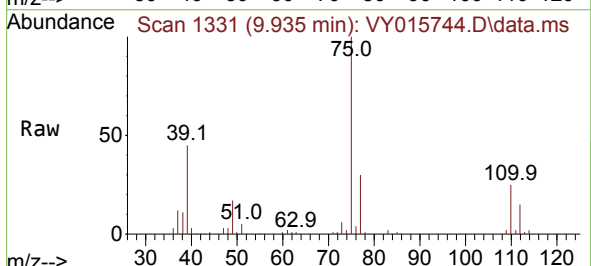
Instrument :
 MSVOA_Y
 ClientSampleId :

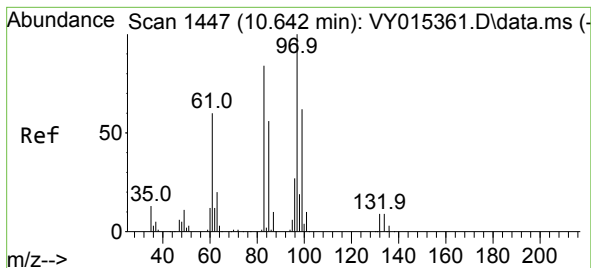
Tgt Ion: 75 Resp: 57255
 Ion Ratio Lower Upper
 75 100
 77 33.1 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.408 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015744.D
 Acq: 28 Sep 2023 14:14

Tgt Ion: 75 Resp: 61221
 Ion Ratio Lower Upper
 75 100
 77 29.9 24.2 36.4
 39 45.2 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.674 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 35325

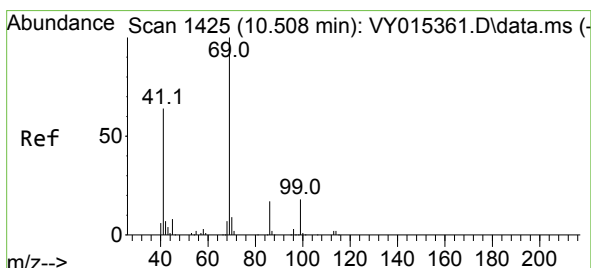
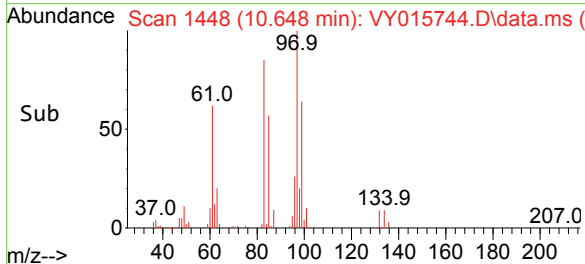
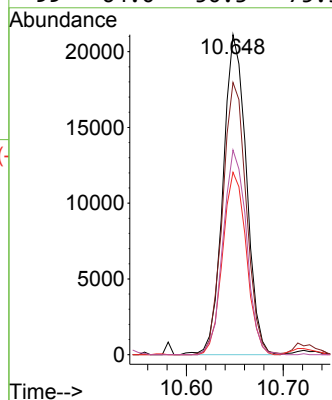
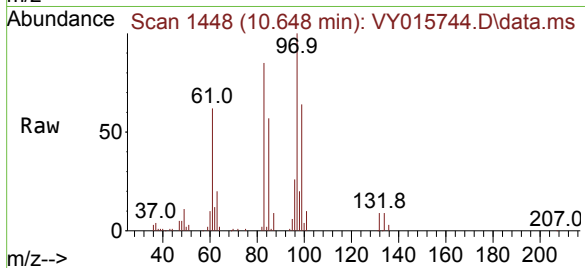
Ion Ratio Lower Upper

97 100

83 85.0 72.0 108.0

85 57.0 45.4 68.0

99 64.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 19.757 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

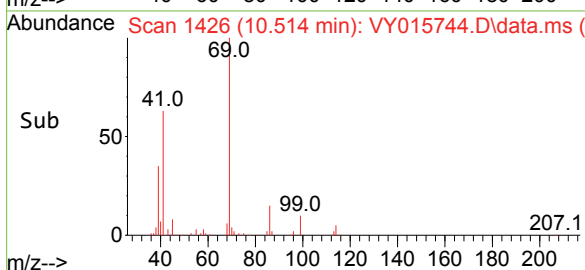
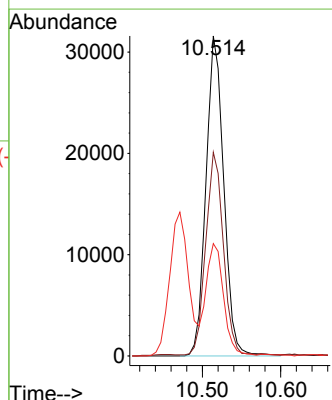
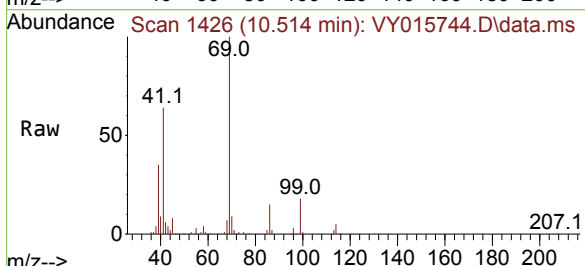
Tgt Ion: 69 Resp: 49749

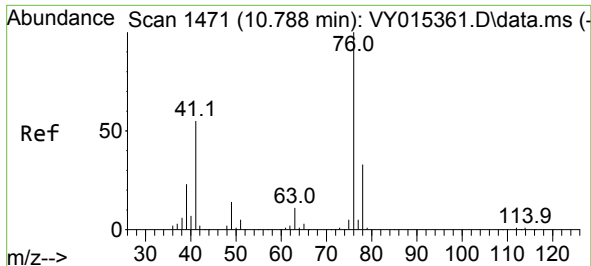
Ion Ratio Lower Upper

69 100

41 62.2 57.6 86.4

39 33.9 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 20.945 ug/l

RT: 10.794 min Scan# 1471

Delta R.T. 0.006 min

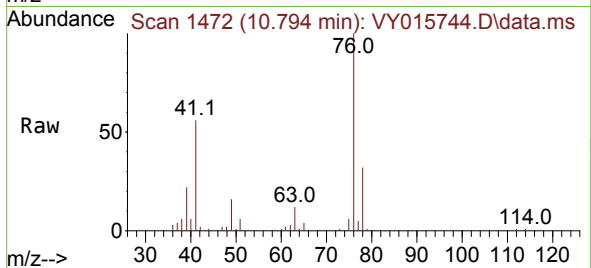
Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

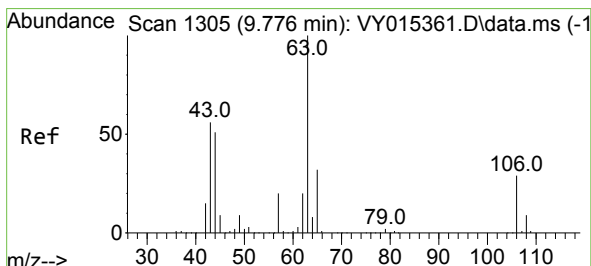
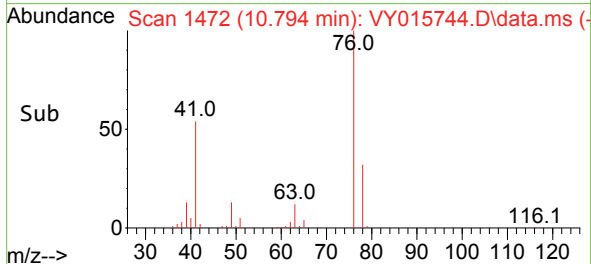
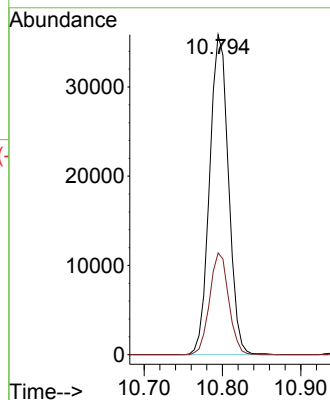


Tgt Ion: 76 Resp: 60016

Ion Ratio Lower Upper

76 100

78 32.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 82.780 ug/l

RT: 9.788 min Scan# 1307

Delta R.T. 0.012 min

Lab File: VY015744.D

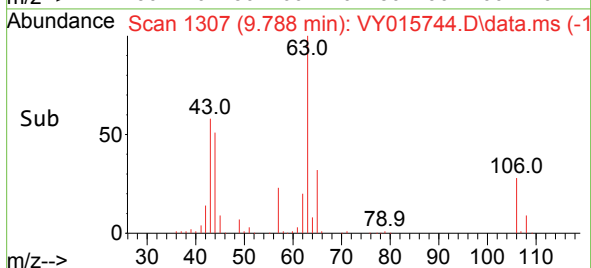
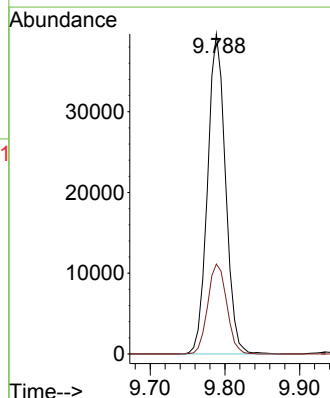
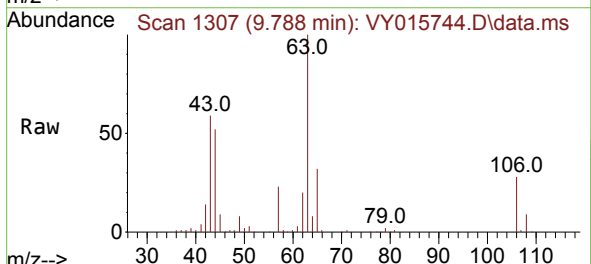
Acq: 28 Sep 2023 14:14

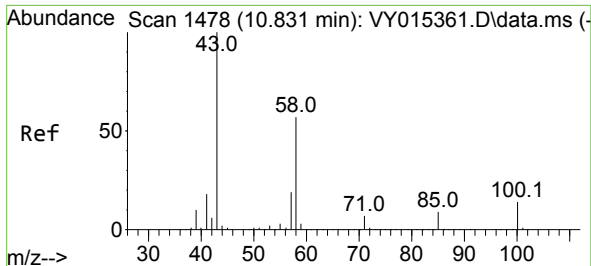
Tgt Ion: 63 Resp: 66210

Ion Ratio Lower Upper

63 100

106 29.7 21.2 31.8

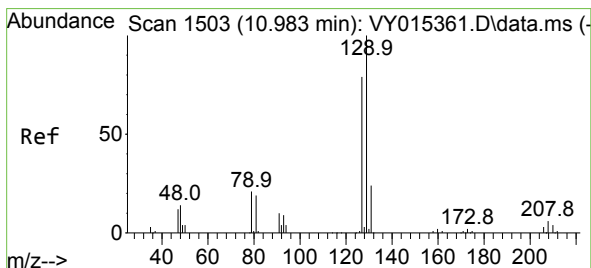
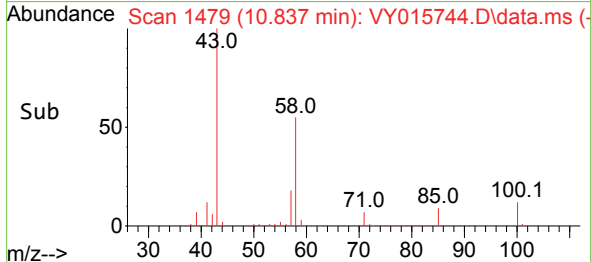
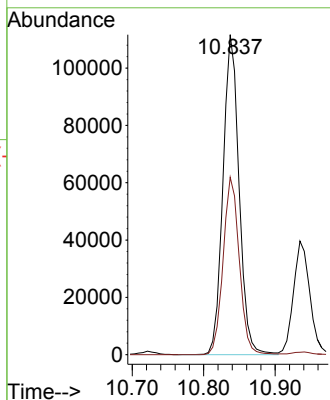
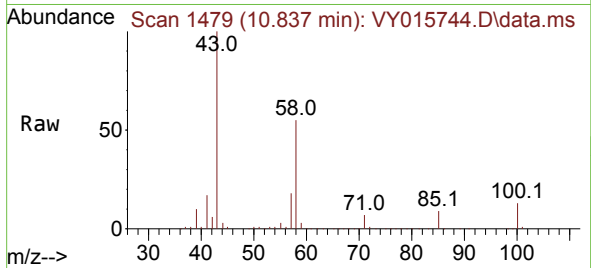




#59
2-Hexanone
Concen: 100.504 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

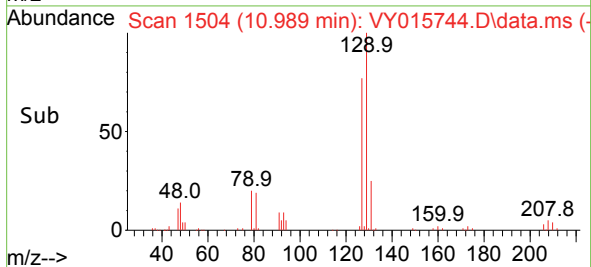
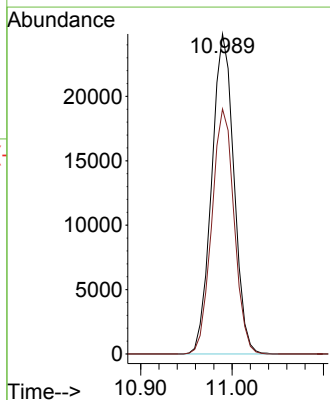
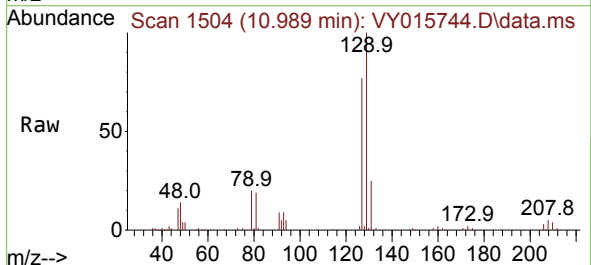
Instrument :
MSVOA_Y
ClientSampleId :

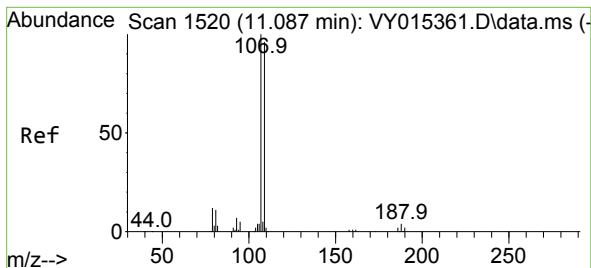
Tgt Ion: 43 Resp: 174530
Ion Ratio Lower Upper
43 100
58 55.8 25.1 75.3



#60
Dibromochloromethane
Concen: 21.040 ug/l
RT: 10.989 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion:129 Resp: 41966
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5

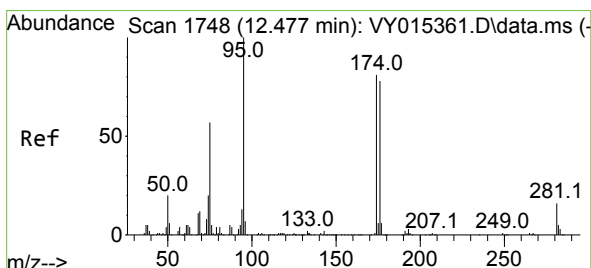
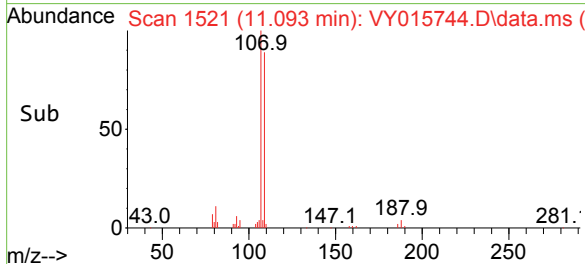
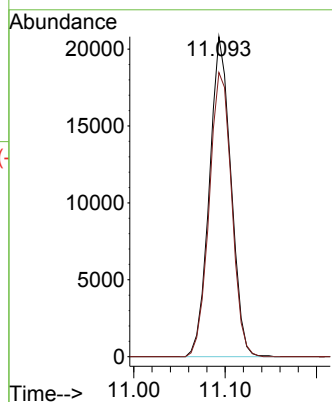
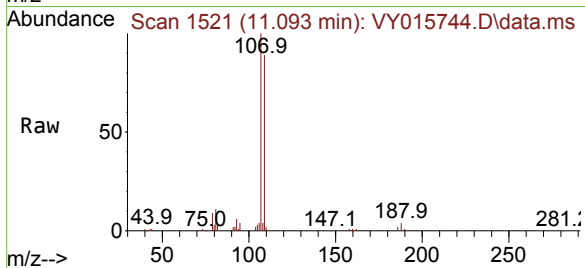




#61
1,2-Dibromoethane
Concen: 20.413 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

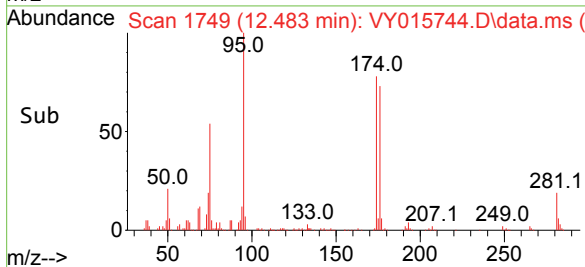
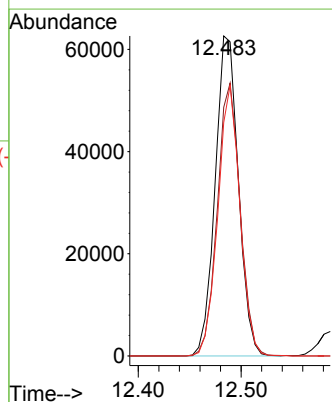
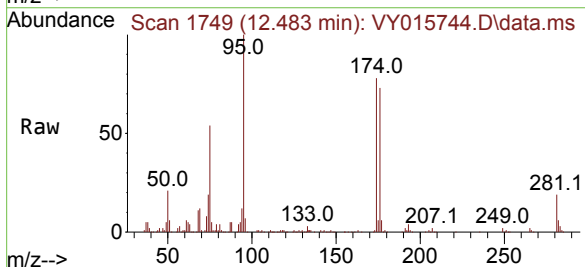
Instrument :
MSVOA_Y
ClientSampleId :

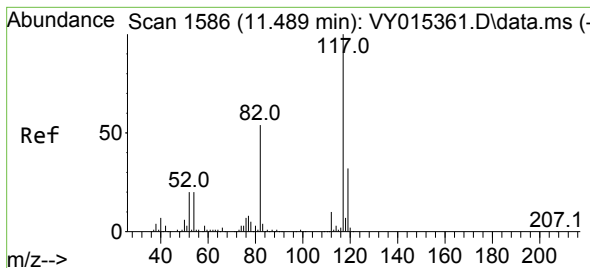
Tgt Ion:107 Resp: 34122
Ion Ratio Lower Upper
107 100
109 91.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.817 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 95 Resp: 98015
Ion Ratio Lower Upper
95 100
174 83.9 0.0 178.2
176 80.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

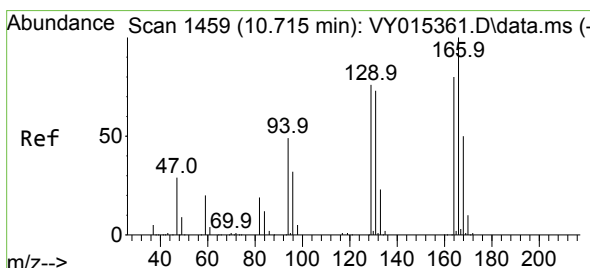
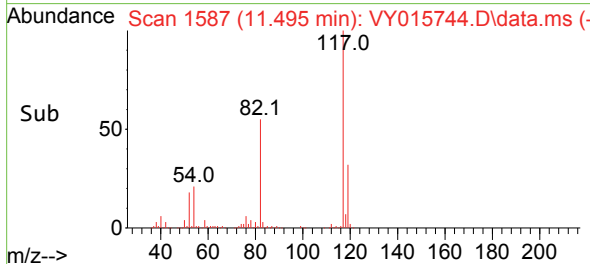
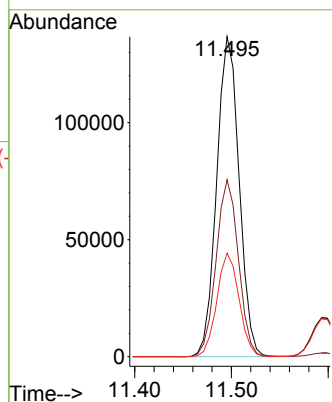
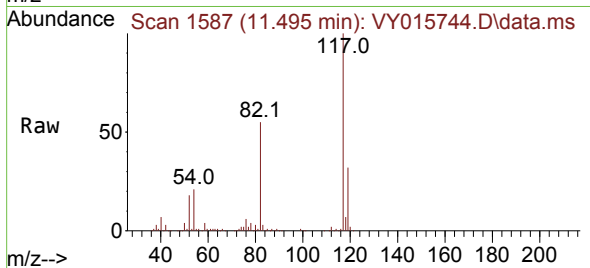
Tgt Ion:117 Resp: 219994

Ion Ratio Lower Upper

117 100

82 55.3 43.4 65.0

119 32.4 26.3 39.5



#64

Tetrachloroethene

Concen: 21.291 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Tgt Ion:164 Resp: 40186

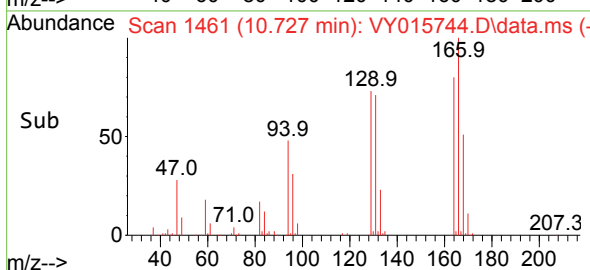
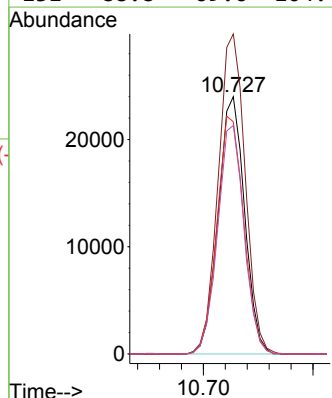
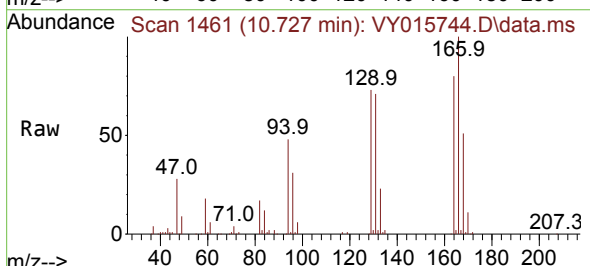
Ion Ratio Lower Upper

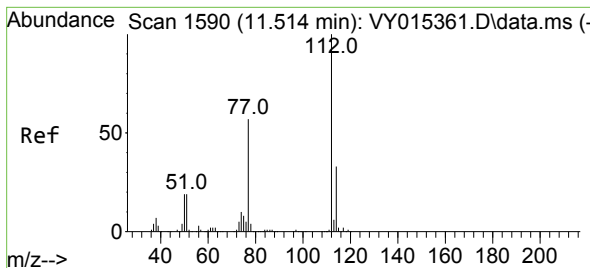
164 100

166 124.4 103.0 154.6

129 90.3 77.2 115.8

131 88.8 69.6 104.4





#65

Chlorobenzene

Concen: 21.417 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

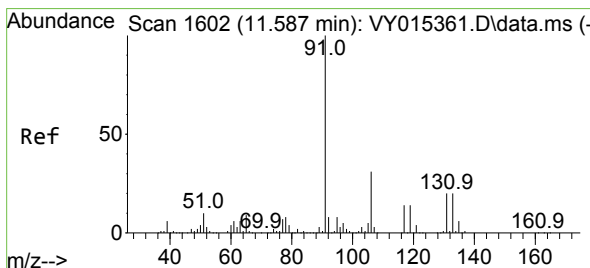
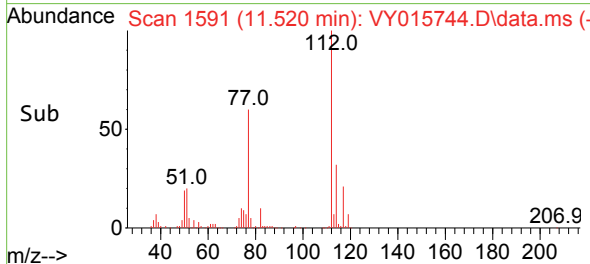
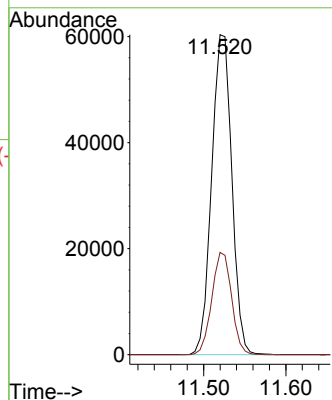
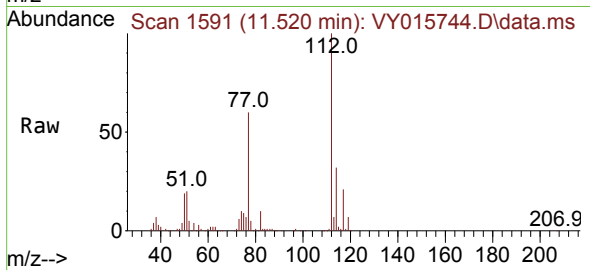
ClientSampleId :

Tgt Ion:112 Resp: 102846

Ion Ratio Lower Upper

112 100

114 32.0 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.759 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.012 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

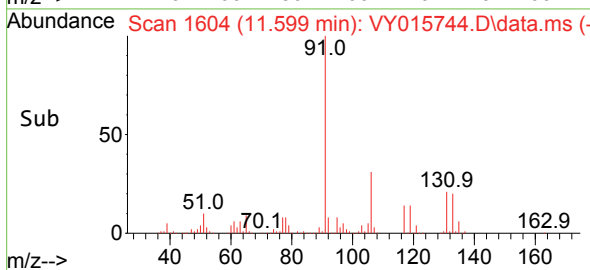
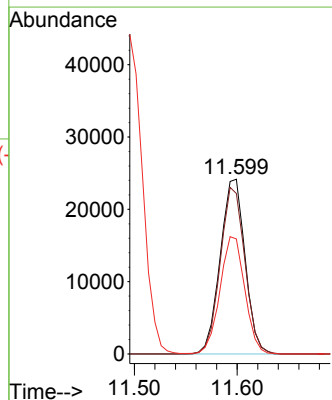
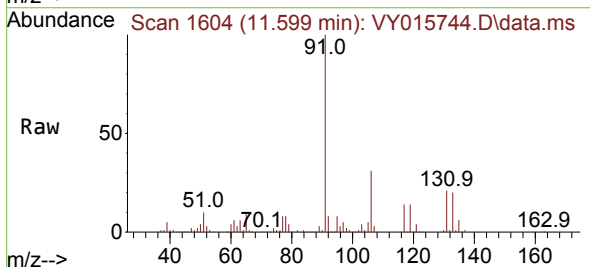
Tgt Ion:131 Resp: 40588

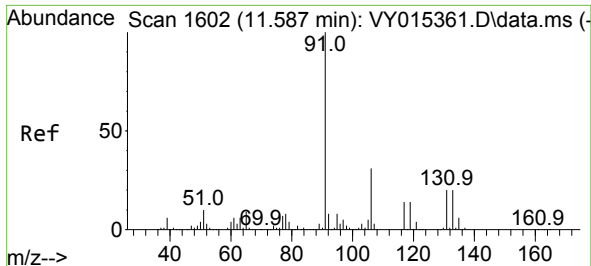
Ion Ratio Lower Upper

131 100

133 94.4 47.5 142.6

119 67.1 31.6 94.7

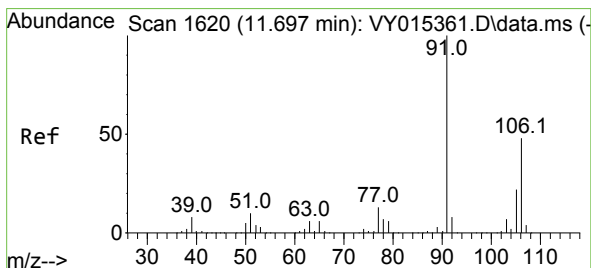
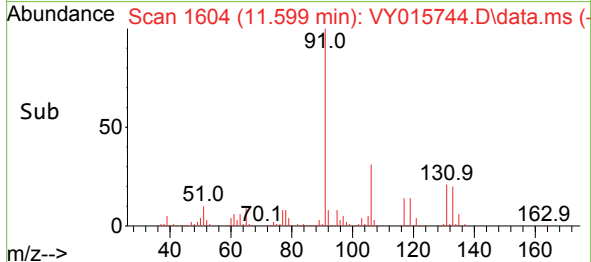
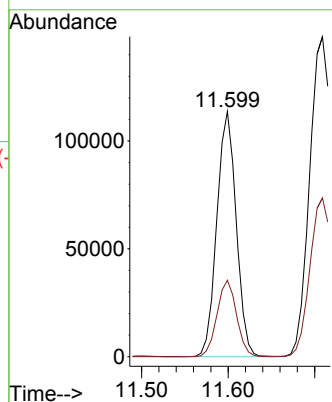
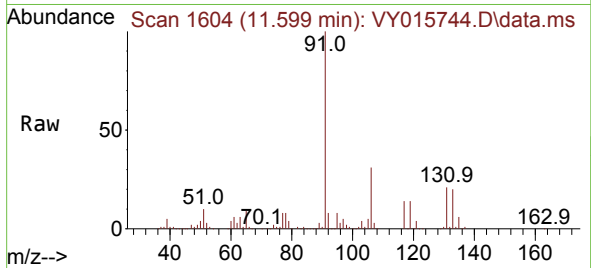




#67
Ethyl Benzene
Concen: 21.032 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

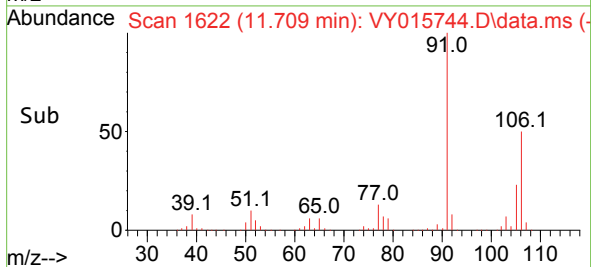
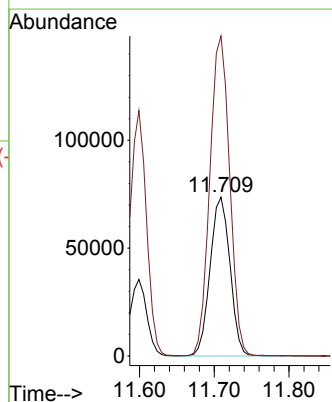
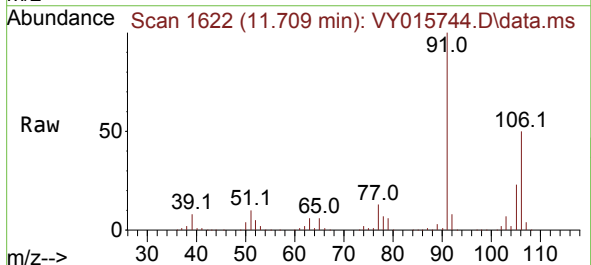
Instrument :
MSVOA_Y
ClientSampleId :

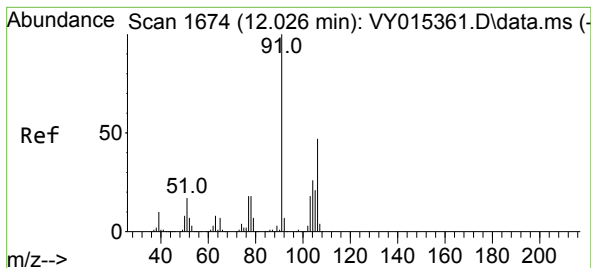
Tgt Ion: 91 Resp: 176530
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 42.590 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion:106 Resp: 135870
Ion Ratio Lower Upper
106 100
91 201.4 166.1 249.1





#69

o-Xylene

Concen: 21.180 ug/l

RT: 12.032 min Scan# 1675

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

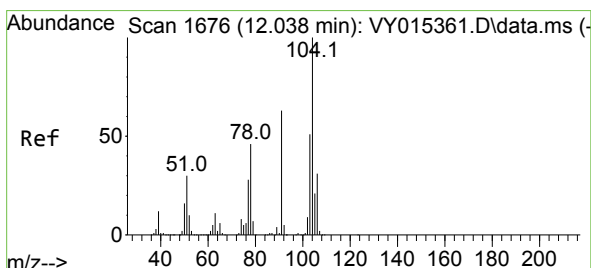
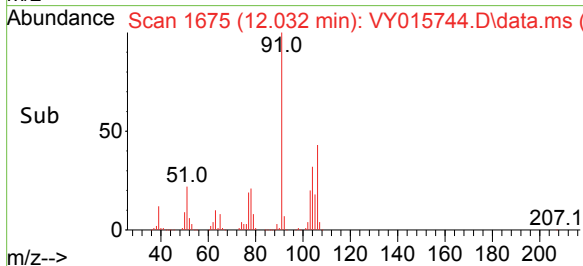
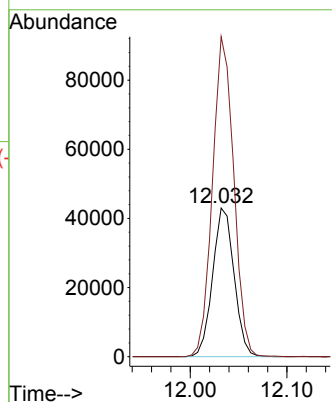
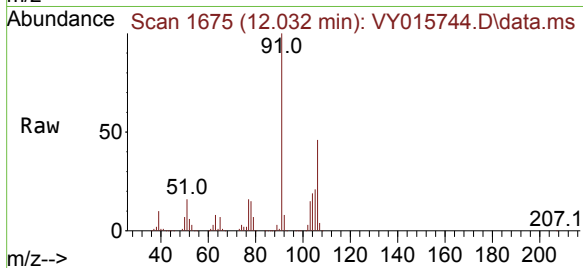
ClientSampleId :

Tgt Ion:106 Resp: 66255

Ion Ratio Lower Upper

106 100

91 213.4 108.1 324.3



#70

Styrene

Concen: 21.399 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

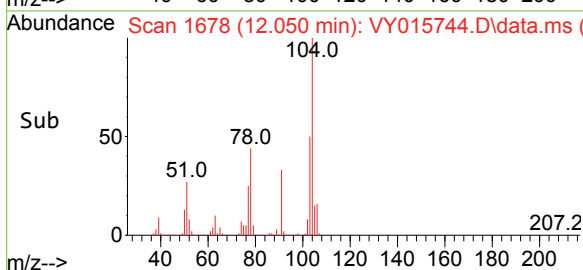
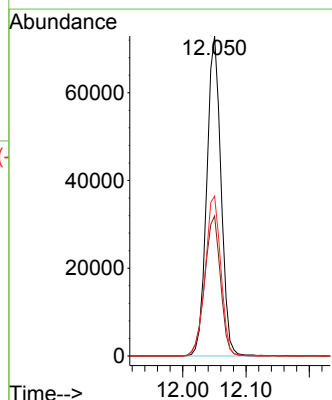
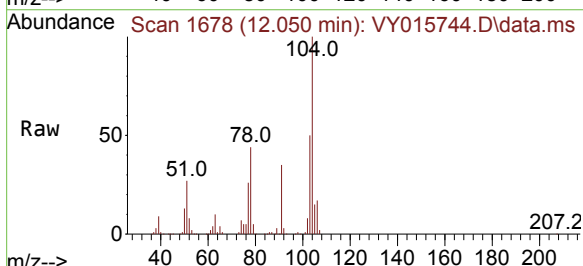
Tgt Ion:104 Resp: 114584

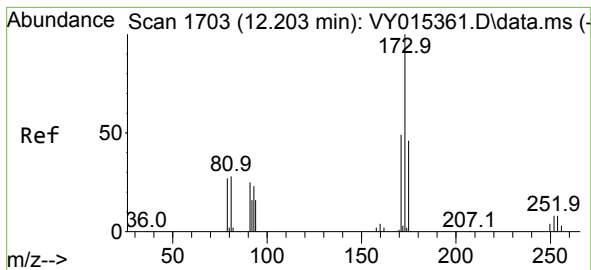
Ion Ratio Lower Upper

104 100

78 48.5 41.5 62.3

103 55.0 44.6 67.0





#71

Bromoform

Concen: 20.871 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015744.D

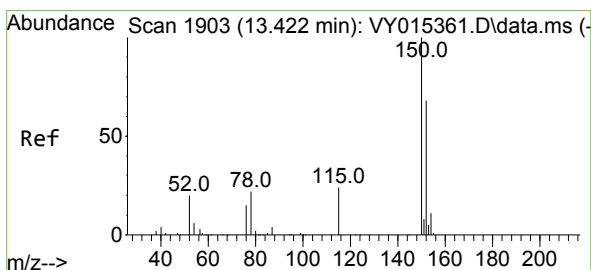
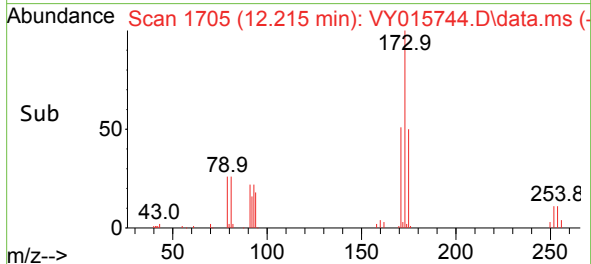
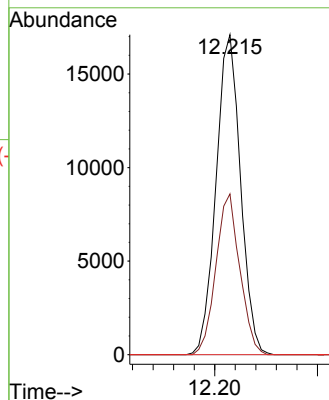
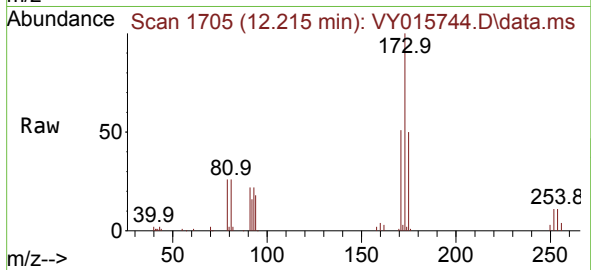
Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	28212
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.6	73.8
254	0.0	0.2	0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

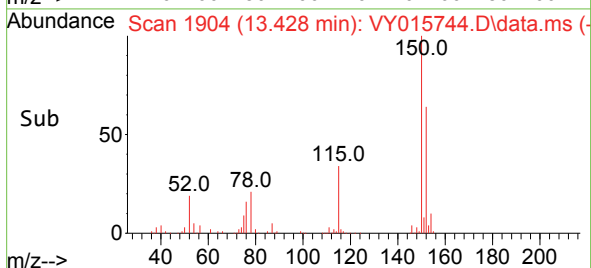
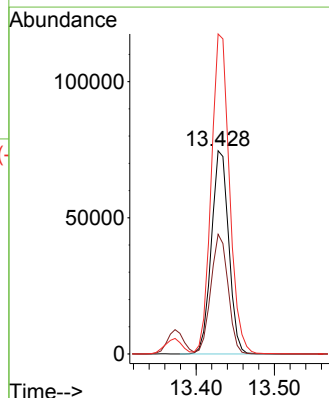
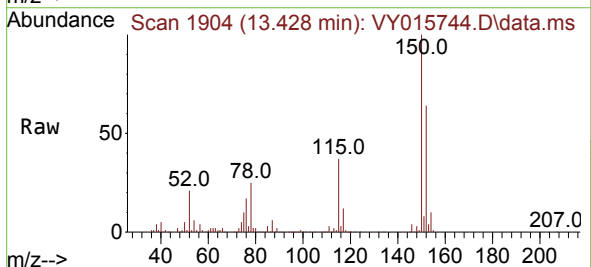
RT: 13.428 min Scan# 1904

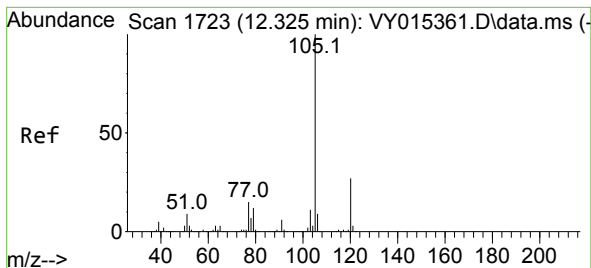
Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Tgt Ion:	152	Resp:	114545
Ion Ratio	Lower	Upper	
152	100		
115	58.5	28.8	86.5
150	165.5	0.0	348.8





#73

Isopropylbenzene

Concen: 20.952 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

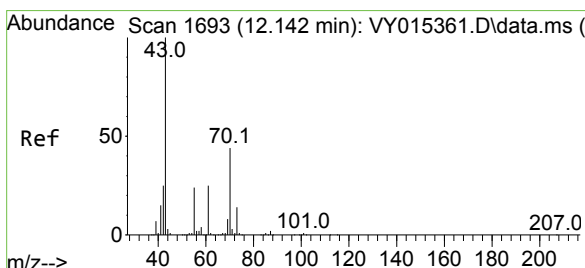
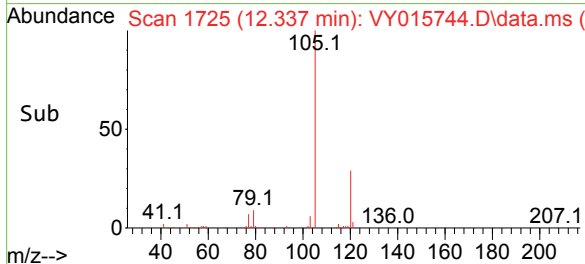
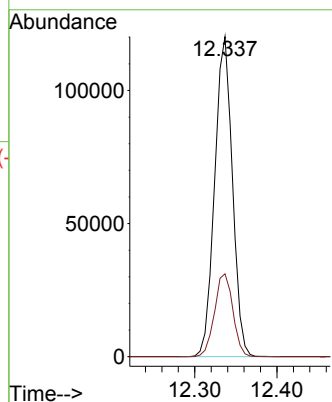
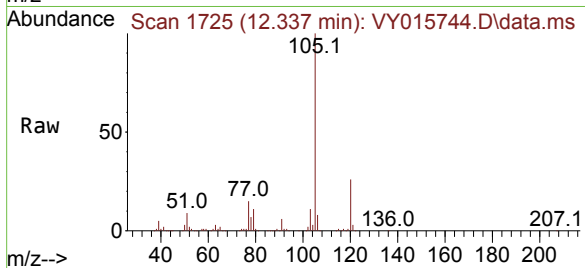
ClientSampleId :

Tgt Ion:105 Resp: 180038

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 19.464 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Tgt Ion: 43 Resp: 62862

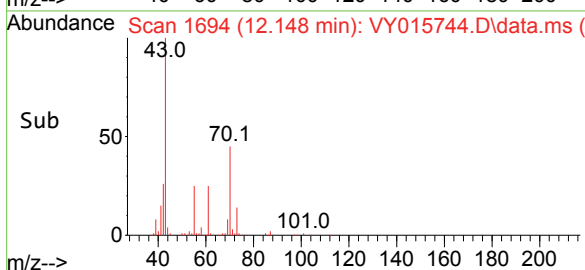
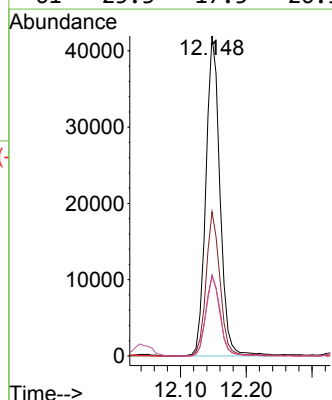
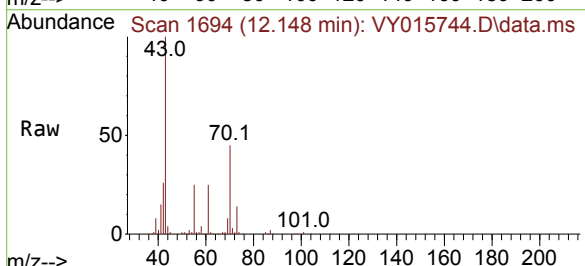
Ion Ratio Lower Upper

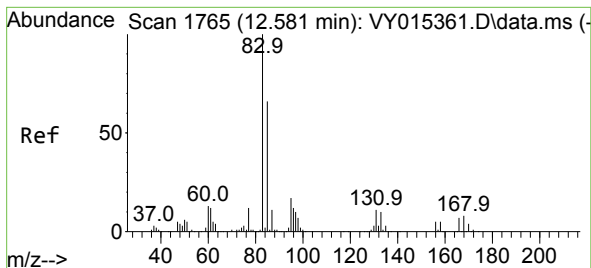
43 100

70 43.8 29.7 44.5

55 25.2 18.3 27.5

61 25.3 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 19.585 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

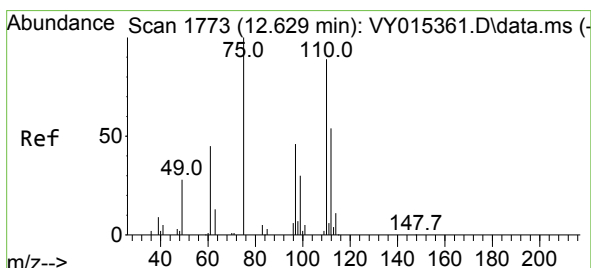
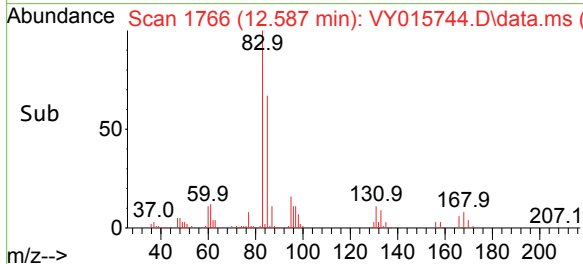
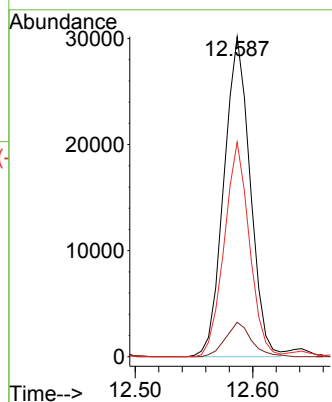
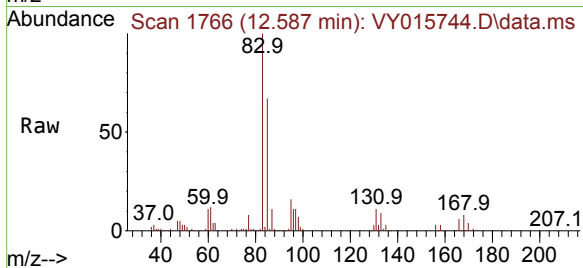
Tgt Ion: 83 Resp: 46837

Ion Ratio Lower Upper

83 100

131 10.6 5.4 16.2

85 64.3 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 33.492 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.007 min

Lab File: VY015744.D

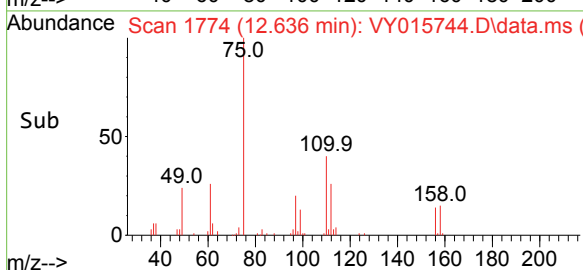
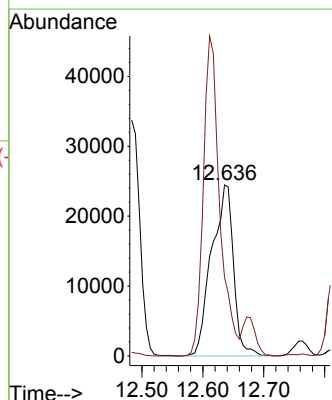
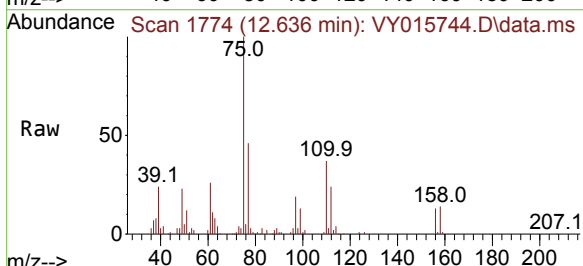
Acq: 28 Sep 2023 14:14

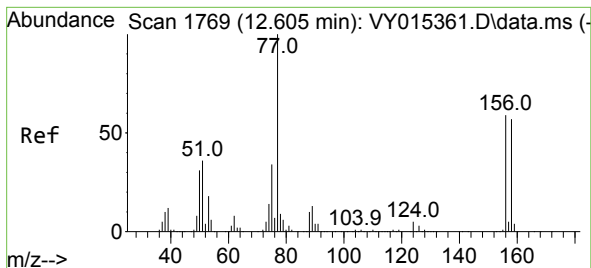
Tgt Ion: 75 Resp: 61202

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.344 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

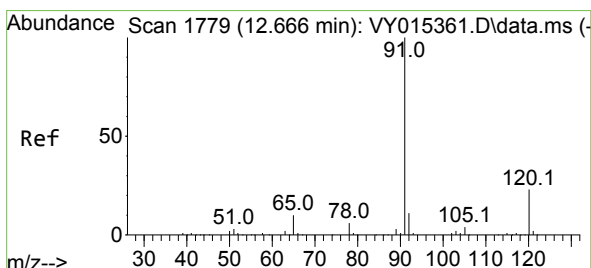
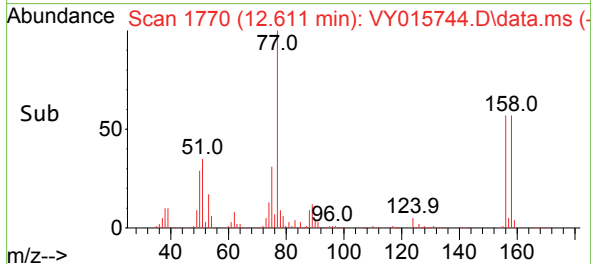
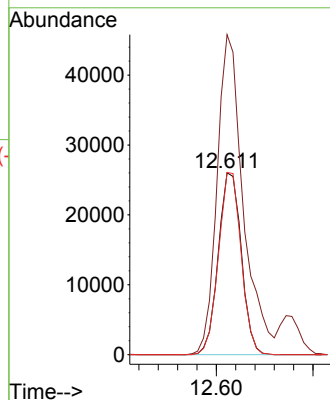
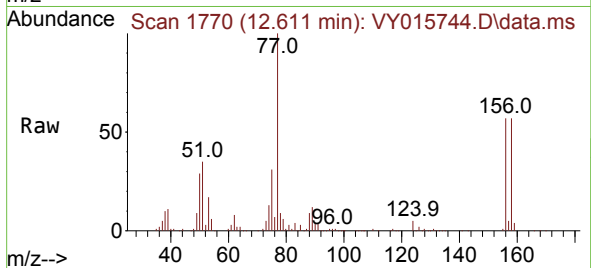
Tgt Ion:156 Resp: 42911

Ion Ratio Lower Upper

156 100

77 200.3 92.8 278.6

158 98.5 48.4 145.3



#78

n-propylbenzene

Concen: 21.217 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.012 min

Lab File: VY015744.D

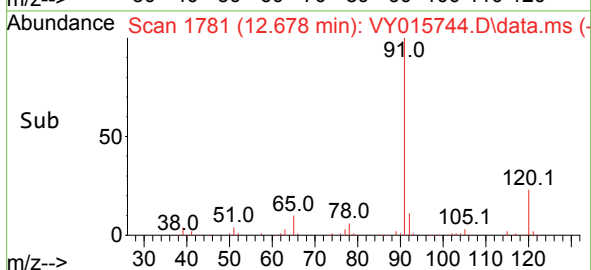
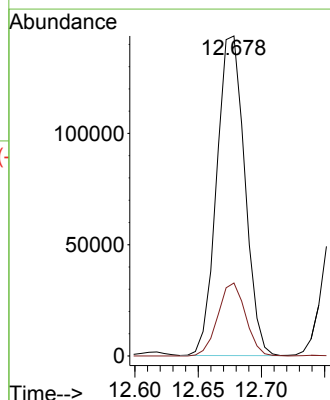
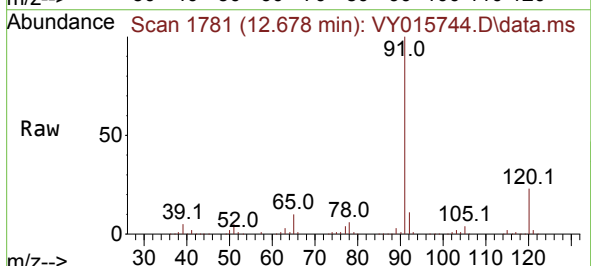
Acq: 28 Sep 2023 14:14

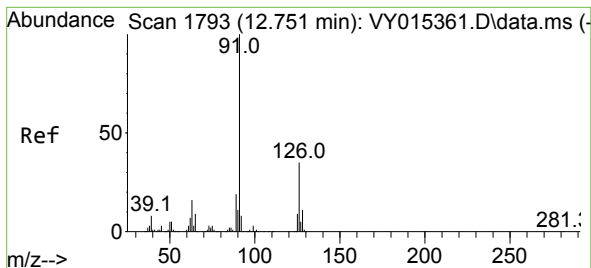
Tgt Ion: 91 Resp: 221484

Ion Ratio Lower Upper

91 100

120 22.5 11.5 34.4

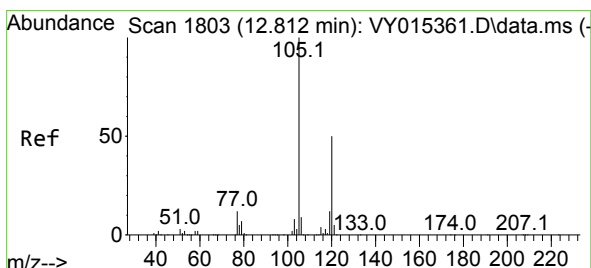
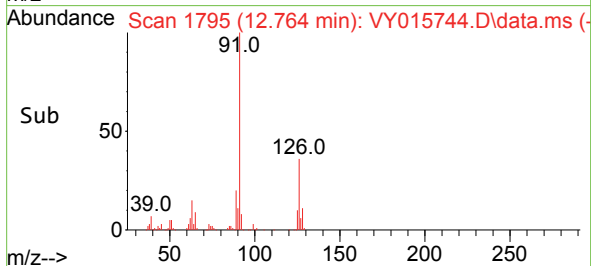
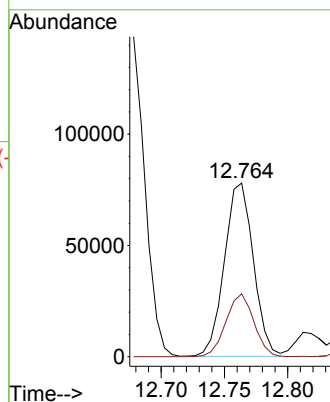
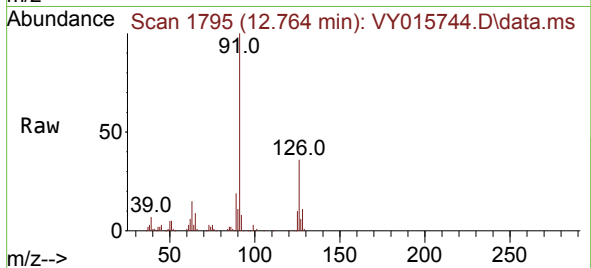




#79
2-Chlorotoluene
Concen: 20.851 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.013 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

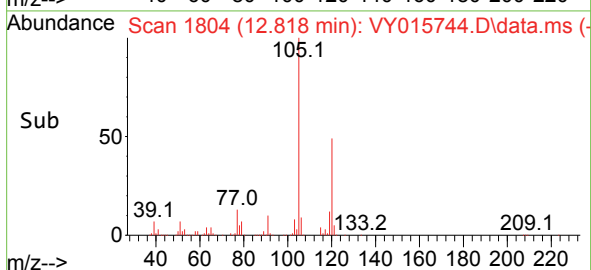
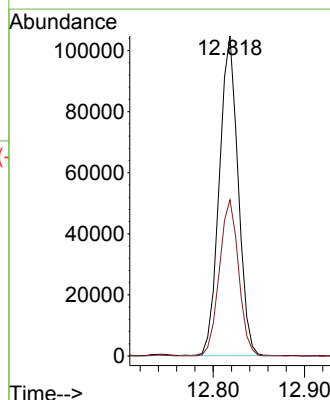
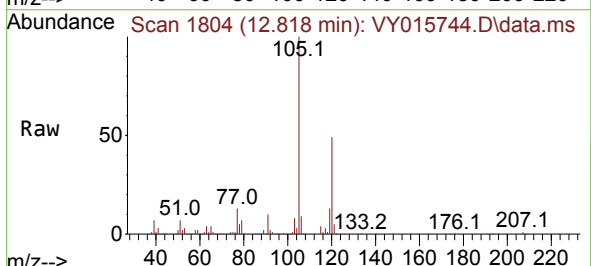
Instrument :
MSVOA_Y
ClientSampleId :

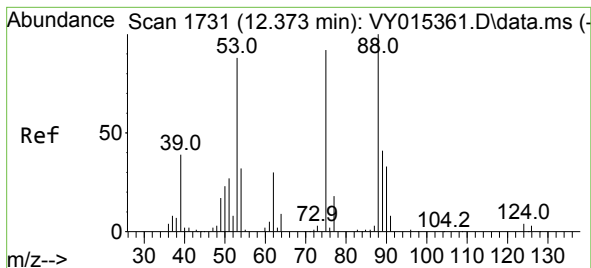
Tgt Ion: 91 Resp: 124071
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.794 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 105 Resp: 149584
Ion Ratio Lower Upper
105 100
120 50.0 23.9 71.7

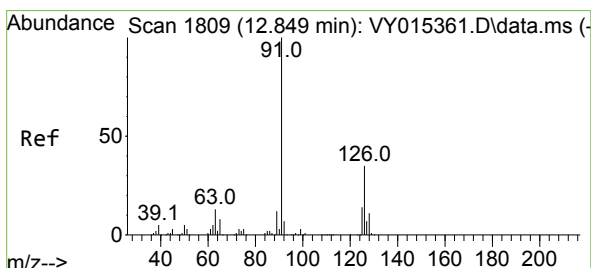
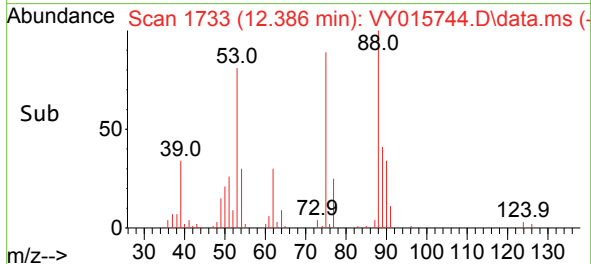
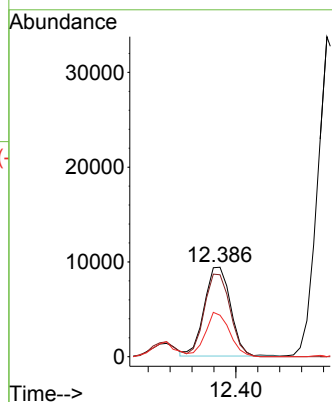
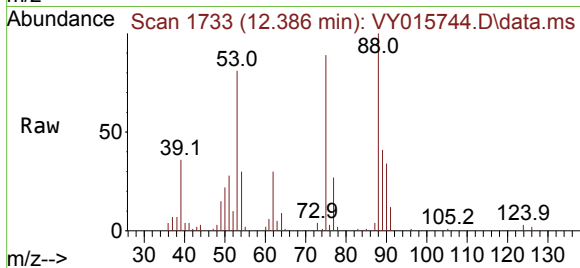




#81
trans-1,4-Dichloro-2-butene
Concen: 19.286 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

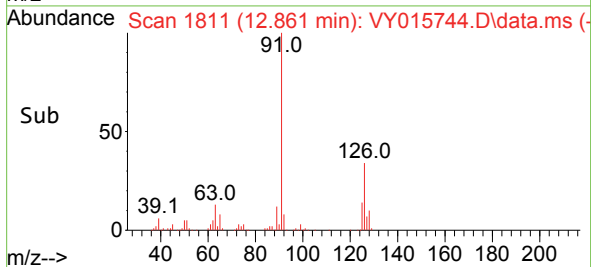
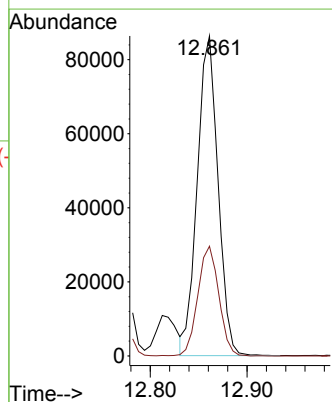
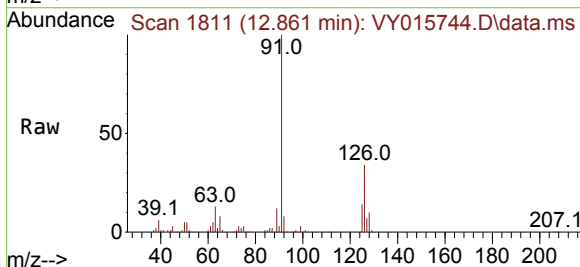
Instrument :
MSVOA_Y
ClientSampleId :

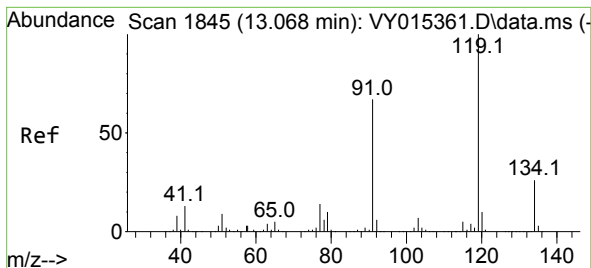
Tgt Ion: 75 Resp: 15650
Ion Ratio Lower Upper
75 100
53 91.4 77.8 116.8
89 45.8 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.737 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 91 Resp: 128818
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 21.382 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

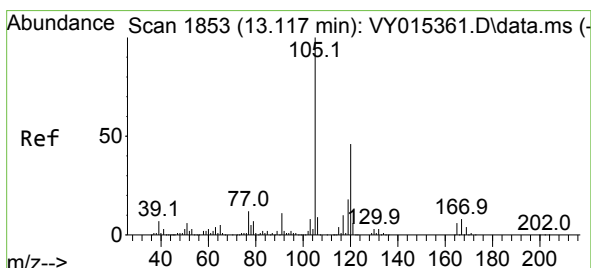
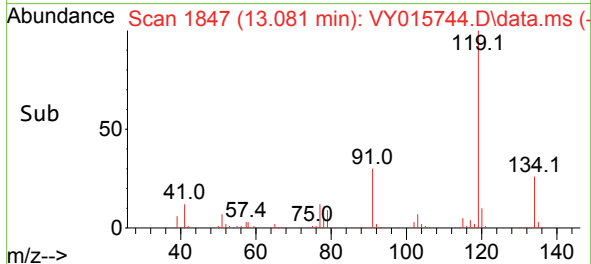
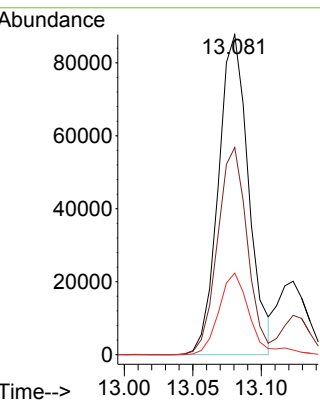
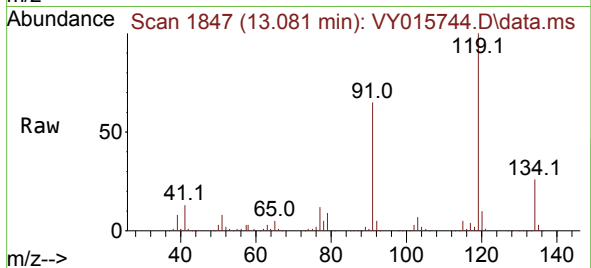
Tgt Ion:119 Resp: 134716

Ion Ratio Lower Upper

119 100

91 63.7 32.9 98.6

134 26.3 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.100 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015744.D

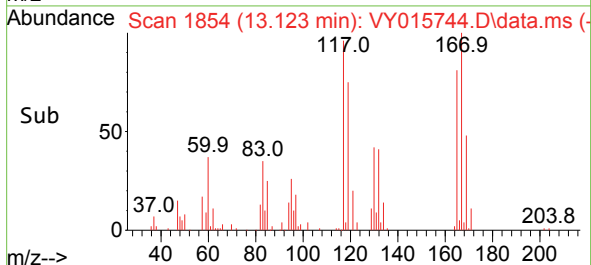
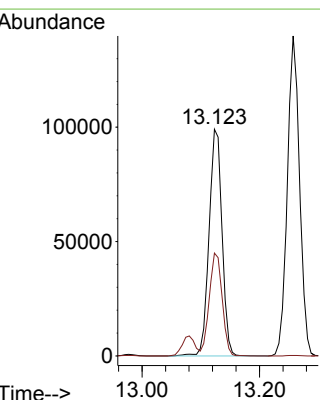
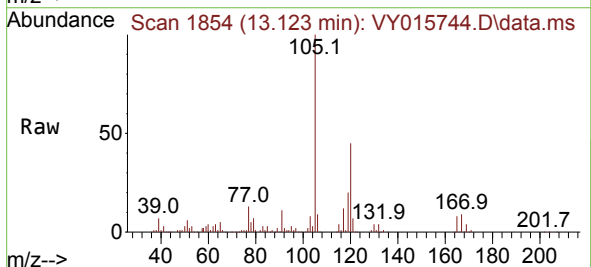
Acq: 28 Sep 2023 14:14

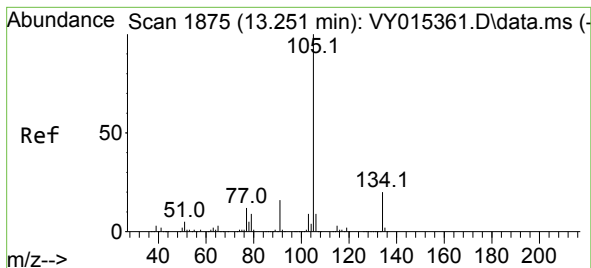
Tgt Ion:105 Resp: 151869

Ion Ratio Lower Upper

105 100

120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.439 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

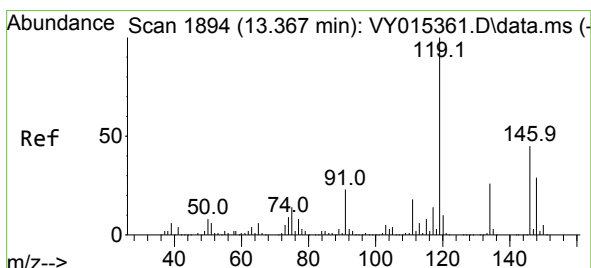
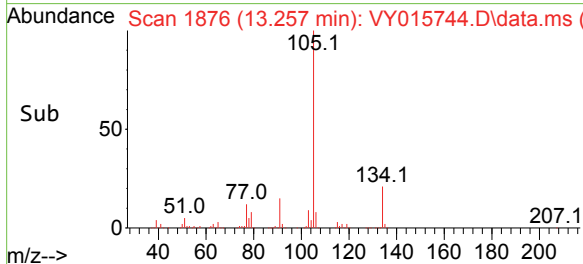
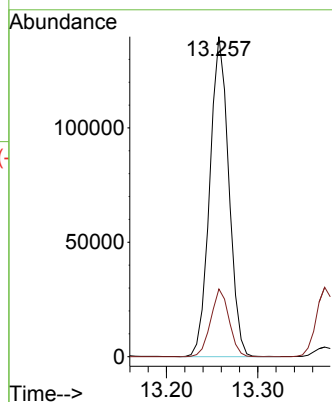
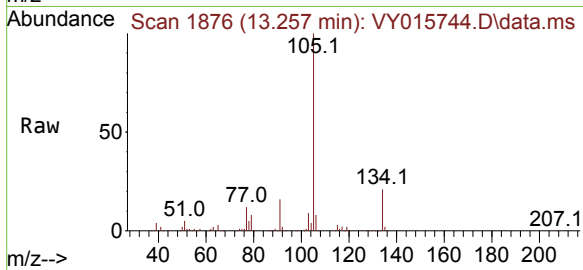
ClientSampleId :

Tgt Ion:105 Resp: 202146

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.326 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

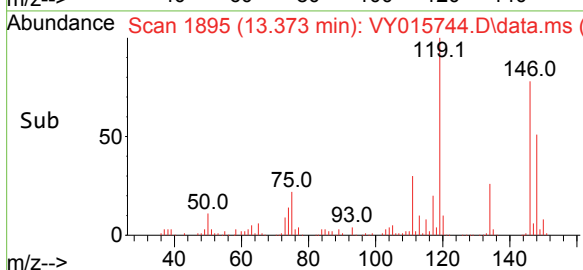
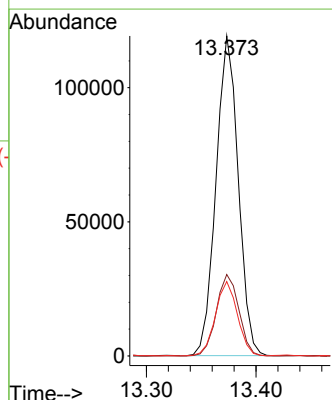
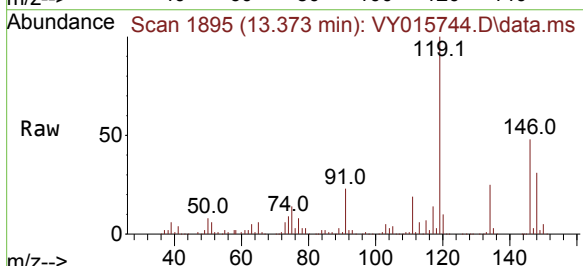
Tgt Ion:119 Resp: 167967

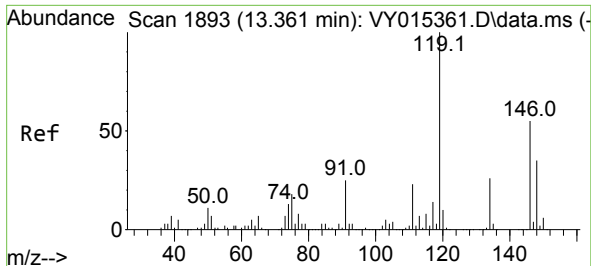
Ion Ratio Lower Upper

119 100

134 25.8 13.3 39.8

91 23.0 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.988 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.012 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

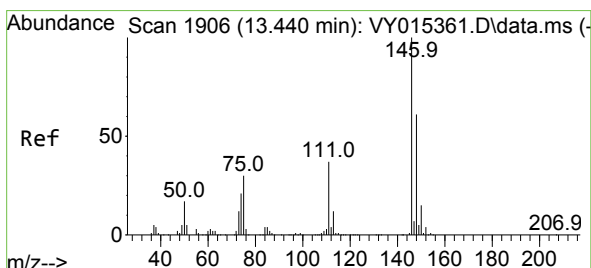
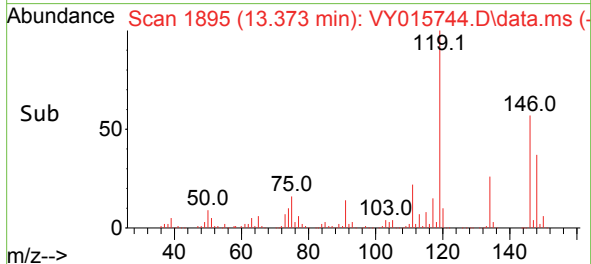
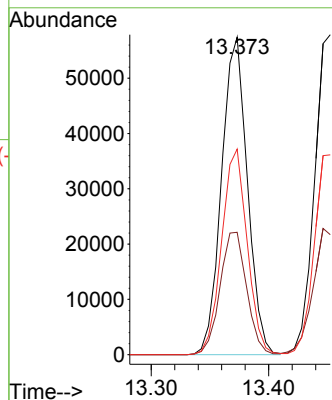
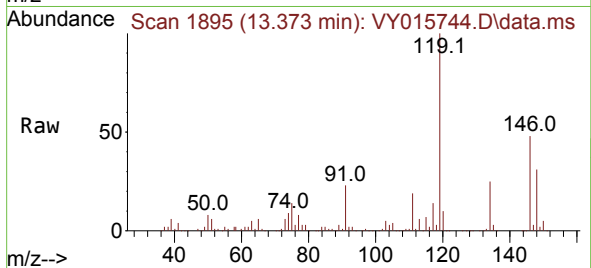
Tgt Ion:146 Resp: 87826

Ion Ratio Lower Upper

146 100

111 39.7 19.4 58.2

148 64.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.280 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

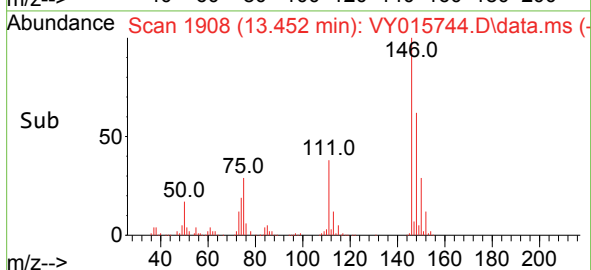
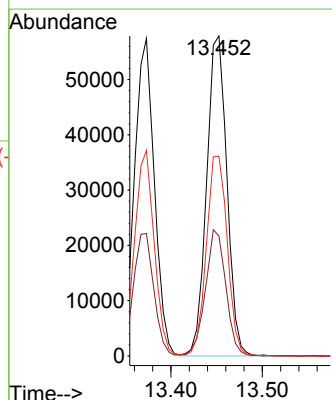
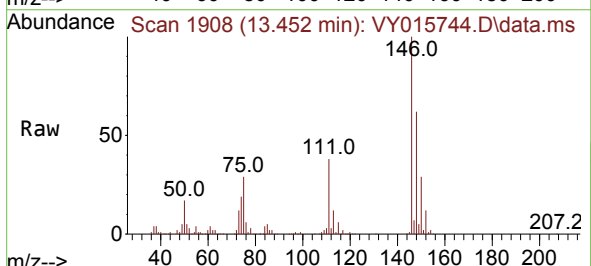
Tgt Ion:146 Resp: 89056

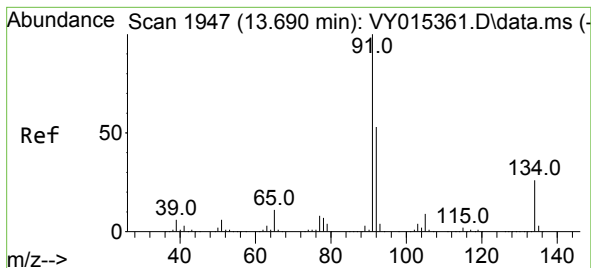
Ion Ratio Lower Upper

146 100

111 40.0 18.9 56.7

148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 21.557 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

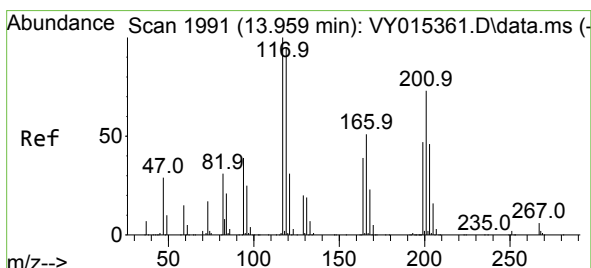
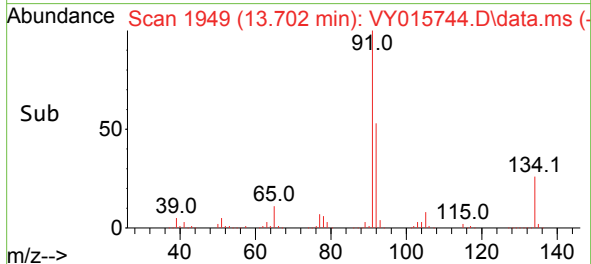
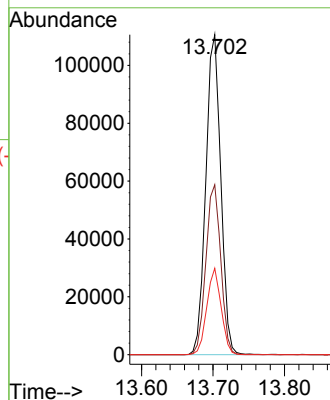
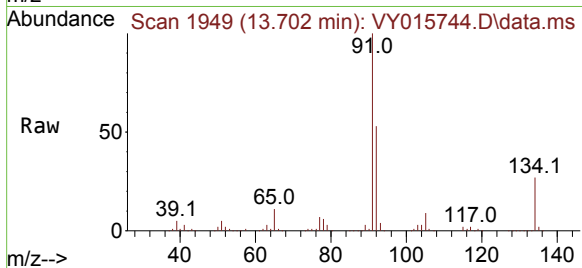
Tgt Ion: 91 Resp: 160774

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 20.858 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015744.D

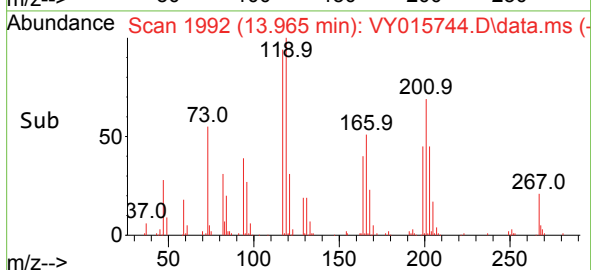
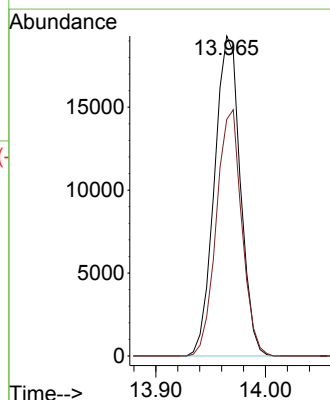
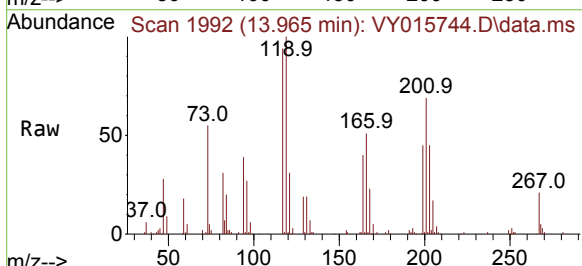
Acq: 28 Sep 2023 14:14

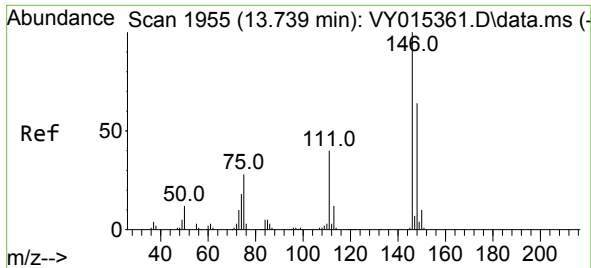
Tgt Ion: 117 Resp: 31705

Ion Ratio Lower Upper

117 100

201 75.5 41.6 124.8

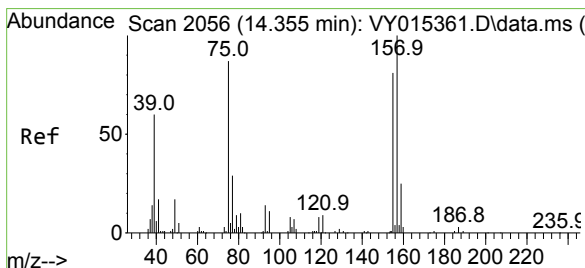
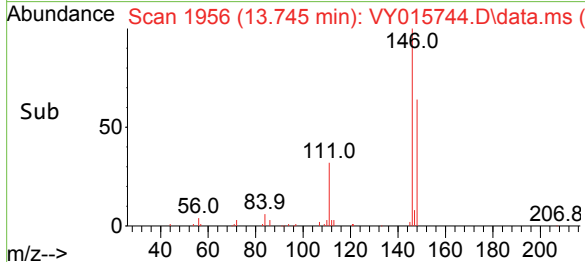
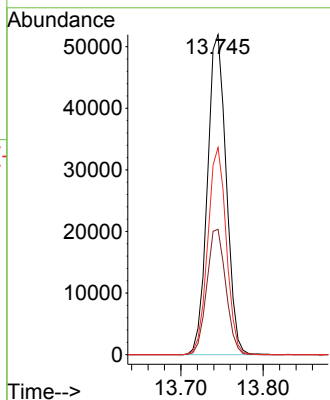
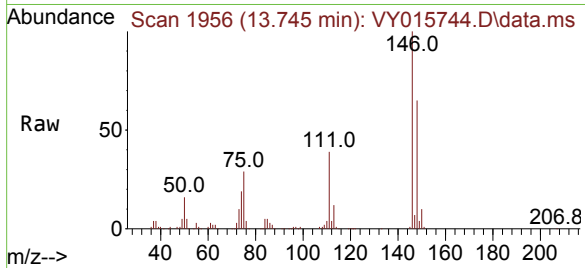




#91
1,2-Dichlorobenzene
Concen: 21.329 ug/l
RT: 13.745 min Scan# 1955
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

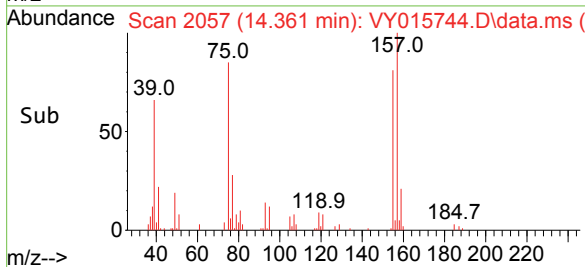
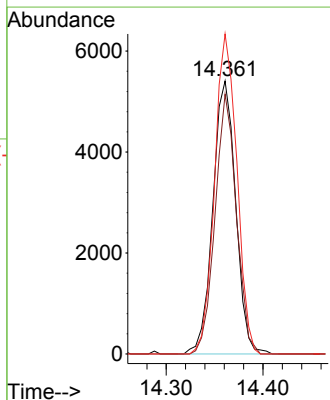
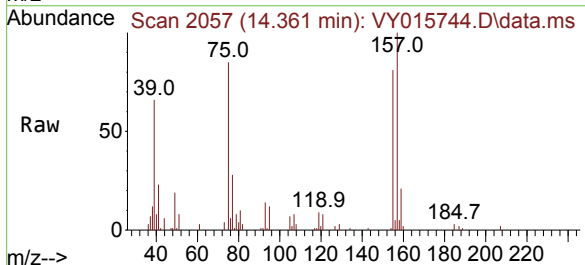
Instrument :
MSVOA_Y
ClientSampleId :

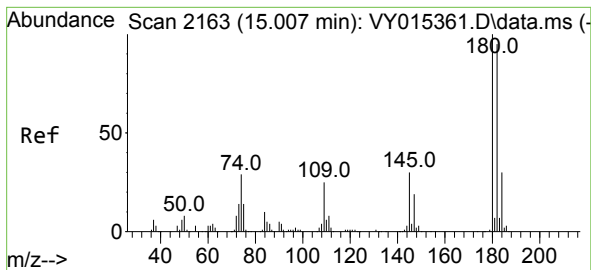
Tgt Ion:146 Resp: 82389
Ion Ratio Lower Upper
146 100
111 39.8 19.7 59.0
148 63.7 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 18.614 ug/l
RT: 14.361 min Scan# 2057
Delta R.T. 0.006 min
Lab File: VY015744.D
Acq: 28 Sep 2023 14:14

Tgt Ion: 75 Resp: 8841
Ion Ratio Lower Upper
75 100
155 88.7 41.5 124.6
157 114.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 21.306 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

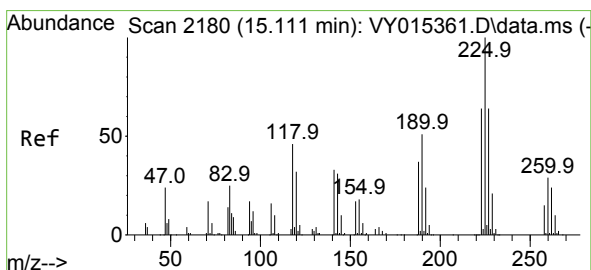
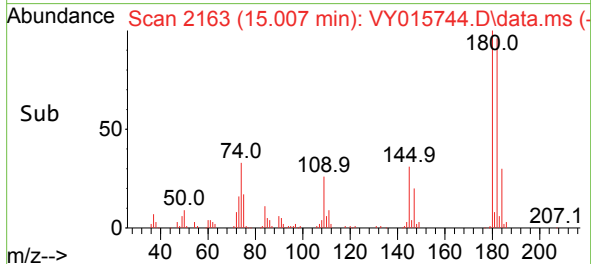
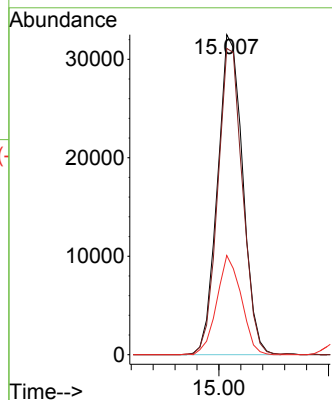
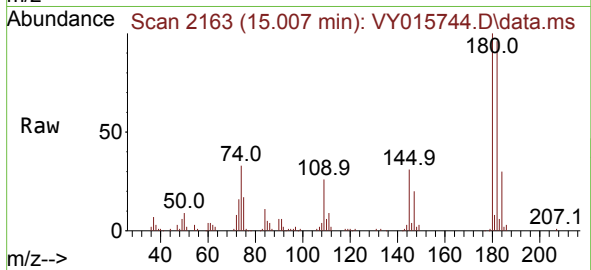
Tgt Ion:180 Resp: 51812

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 30.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 22.465 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

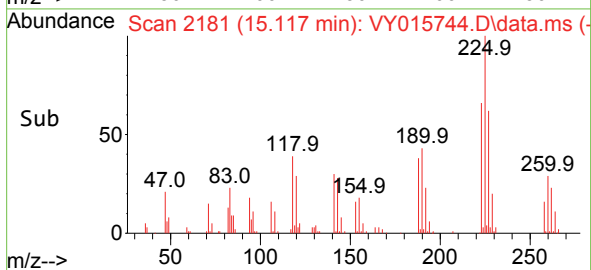
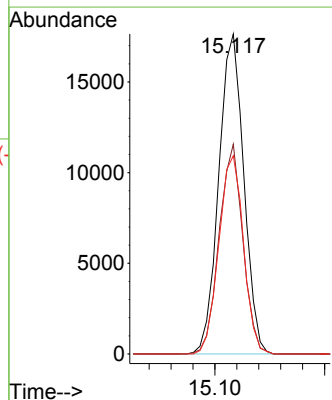
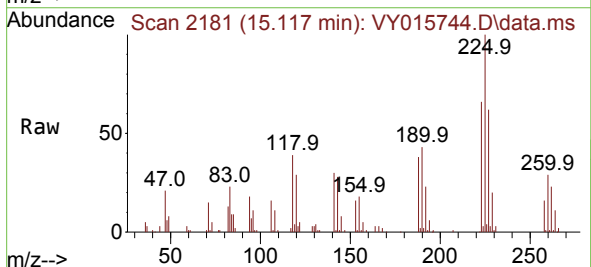
Tgt Ion:225 Resp: 27976

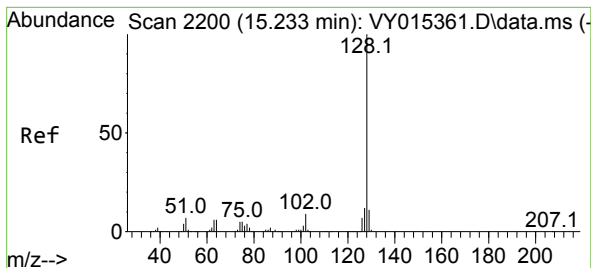
Ion Ratio Lower Upper

225 100

223 62.1 31.9 95.9

227 60.9 33.0 98.9





#95

Naphthalene

Concen: 19.821 ug/l

RT: 15.239 min Scan# 21

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Instrument :

MSVOA_Y

ClientSampleId :

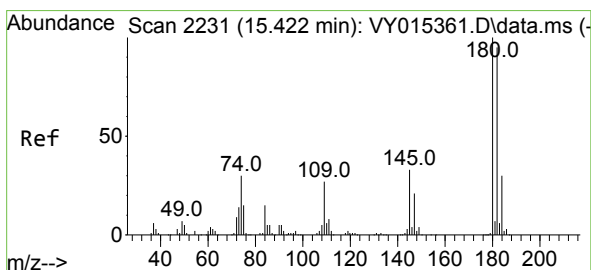
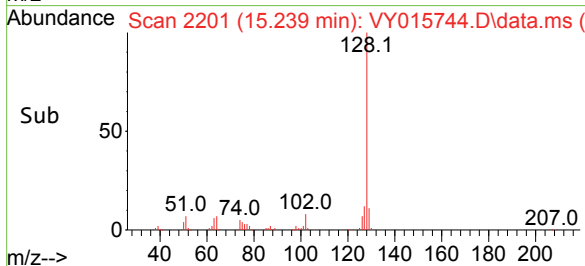
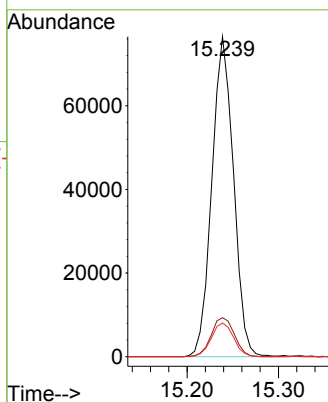
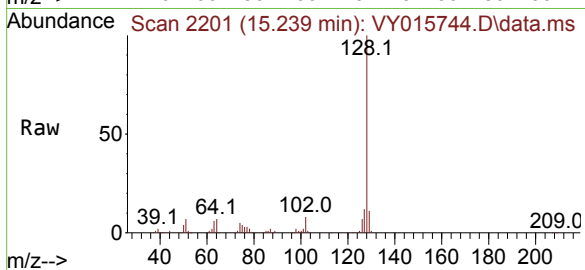
Tgt Ion:128 Resp: 125685

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.922 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015744.D

Acq: 28 Sep 2023 14:14

Tgt Ion:180 Resp: 46960

Ion Ratio Lower Upper

180 100

182 95.2 47.3 141.8

145 32.8 15.4 46.2

