

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015588.D
 Acq On : 15 Sep 2023 23:38
 Operator : SY/MD
 Sample : VY0915SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 15 23:55:40 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	170037	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.697	114	292861	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.496	117	269081	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	132629	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	96283	52.822	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.640%	
35) Dibromofluoromethane	7.722	113	87983	52.159	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.320%	
50) Toluene-d8	10.185	98	291320	47.690	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.380%	
62) 4-Bromofluorobenzene	12.483	95	113276	49.951	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	23245	15.727	ug/l	99
3) Chloromethane	2.113	50	30425	15.499	ug/l	100
4) Vinyl Chloride	2.253	62	33906	14.840	ug/l	100
5) Bromomethane	2.644	94	25309	15.568	ug/l	99
6) Chloroethane	2.790	64	25722	17.128	ug/l	99
7) Trichlorofluoromethane	3.119	101	57061	17.656	ug/l	98
8) Diethyl Ether	3.534	74	24567	22.243	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	34470	19.243	ug/l	95
10) Methyl Iodide	4.095	142	33871	16.102	ug/l	97
11) Tert butyl alcohol	4.936	59	109337	275.972	ug/l #	89
12) 1,1-Dichloroethene	3.875	96	30171	17.850	ug/l	88
13) Acrolein	3.735	56	23495	55.881	ug/l	98
14) Allyl chloride	4.485	41	55414	20.591	ug/l	96
15) Acrylonitrile	5.174	53	86657	124.685	ug/l	98
16) Acetone	3.966	43	93432	122.805	ug/l	93
17) Carbon Disulfide	4.198	76	62069	12.283	ug/l	98
18) Methyl Acetate	4.491	43	75797	27.506	ug/l	96
19) Methyl tert-butyl Ether	5.235	73	126812	23.083	ug/l	100
20) Methylene Chloride	4.722	84	103827	41.156	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	35644	18.313	ug/l	98
22) Diisopropyl ether	6.131	45	137013	23.278	ug/l	92
23) Vinyl Acetate	6.070	43	378025	101.723	ug/l #	95
24) 1,1-Dichloroethane	6.027	63	73891	21.717	ug/l	99
25) 2-Butanone	6.996	43	141262	130.909	ug/l	99
26) 2,2-Dichloropropane	6.990	77	62610	21.665	ug/l	95
27) cis-1,2-Dichloroethene	6.990	96	47526	21.524	ug/l	99
28) Bromochloromethane	7.344	49	22889	21.937	ug/l	96
29) Tetrahydrofuran	7.356	42	83084	122.608	ug/l	96
30) Chloroform	7.509	83	79938	22.349	ug/l	98
31) Cyclohexane	7.789	56	53777	16.609	ug/l	92
32) 1,1,1-Trichloroethane	7.710	97	65979	20.652	ug/l	98
36) 1,1-Dichloropropene	7.923	75	52248	17.640	ug/l	100
37) Ethyl Acetate	7.082	43	51784	22.669	ug/l	95
38) Carbon Tetrachloride	7.905	117	56060	18.326	ug/l	99
39) Methylcyclohexane	9.191	83	59455	15.945	ug/l	95
40) Benzene	8.167	78	160979	19.481	ug/l	100

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 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	73919	69.005	ug/l #	30
42) 1,2-Dichloroethane	8.240	62	56577	20.532	ug/l	95
43) Isopropyl Acetate	8.283	43	88956	22.520	ug/l	98
44) Trichloroethene	8.941	130	45775	19.578	ug/l	99
45) 1,2-Dichloropropane	9.222	63	44832	21.521	ug/l	97
46) Dibromomethane	9.313	93	28621	20.684	ug/l	95
47) Bromodichloromethane	9.502	83	63952	21.611	ug/l	97
48) Methyl methacrylate	9.295	41	39250	21.657	ug/l	91
49) 1,4-Dioxane	9.319	88	11375	442.562	ug/l #	47
51) 4-Methyl-2-Pentanone	10.075	43	276842	120.581	ug/l	94
52) Toluene	10.246	92	104167	19.667	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	64493	20.507	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	70000	20.462	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	42224	22.646	ug/l	95
56) Ethyl methacrylate	10.514	69	61081	22.107	ug/l	90
57) 1,3-Dichloropropane	10.795	76	71060	22.141	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	103196	104.640	ug/l	96
59) 2-Hexanone	10.837	43	207630	120.524	ug/l	94
60) Dibromochloromethane	10.990	129	48963	22.437	ug/l	98
61) 1,2-Dibromoethane	11.093	107	41333	21.878	ug/l	100
64) Tetrachloroethene	10.727	164	53718	21.994	ug/l	97
65) Chlorobenzene	11.520	112	117057	20.188	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	44950	21.180	ug/l	96
67) Ethyl Benzene	11.599	91	204865	19.676	ug/l	97
68) m/p-Xylenes	11.709	106	157539	39.036	ug/l	95
69) o-Xylene	12.032	106	77066	19.981	ug/l	98
70) Styrene	12.050	104	133684	20.614	ug/l	96
71) Bromoform	12.215	173	32650	22.054	ug/l #	98
73) Isopropylbenzene	12.337	105	204184	20.496	ug/l	100
74) N-amyl acetate	12.148	43	74903	22.380	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.587	83	54758	23.025	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	72574	41.263	ug/l #	100
77) Bromobenzene	12.611	156	50546	21.422	ug/l	95
78) n-propylbenzene	12.678	91	244235	20.261	ug/l	100
79) 2-Chlorotoluene	12.764	91	140503	20.781	ug/l	100
80) 1,3,5-Trimethylbenzene	12.819	105	170581	20.471	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	16530	20.732	ug/l	99
82) 4-Chlorotoluene	12.861	91	144804	20.607	ug/l	100
83) tert-Butylbenzene	13.081	119	148982	20.413	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	171648	20.747	ug/l	99
85) sec-Butylbenzene	13.258	105	223144	20.499	ug/l	100
86) p-Isopropyltoluene	13.373	119	186357	20.426	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	97141	20.854	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	98567	20.933	ug/l	98
89) n-Butylbenzene	13.703	91	173785	20.238	ug/l	98
90) Hexachloroethane	13.965	117	35013	21.457	ug/l	89
91) 1,2-Dichlorobenzene	13.745	146	92805	21.832	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	10832	23.025	ug/l	91
93) 1,2,4-Trichlorobenzene	15.013	180	54315	20.345	ug/l	98
94) Hexachlorobutadiene	15.117	225	29449	20.230	ug/l	98
95) Naphthalene	15.239	128	147331	22.279	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	51840	21.289	ug/l	98

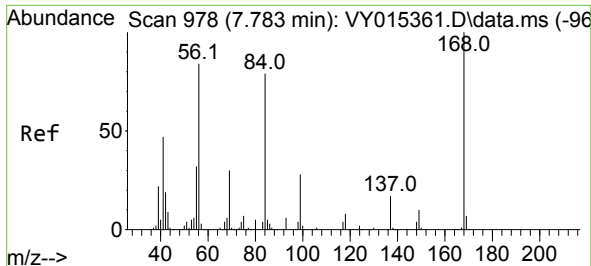
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
Data File : VY015588.D
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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Response via : Initial Calibration

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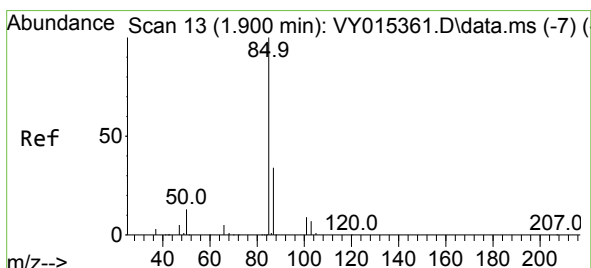
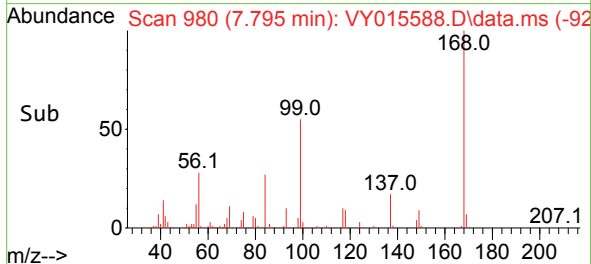
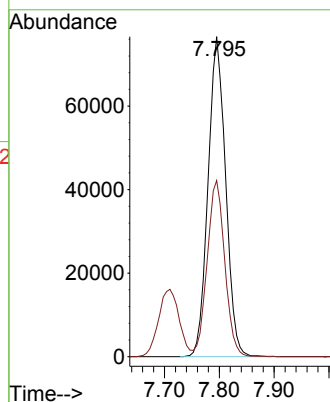
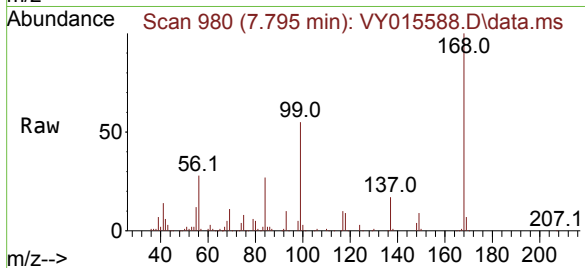
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

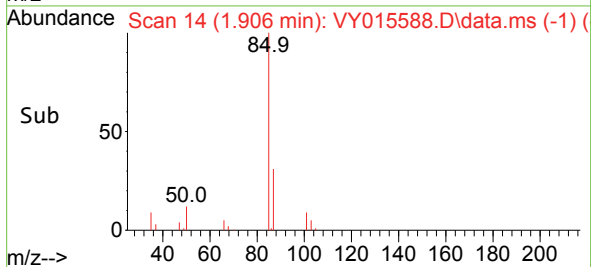
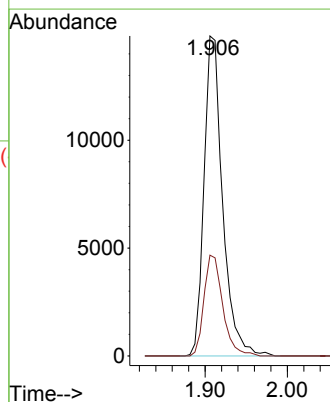
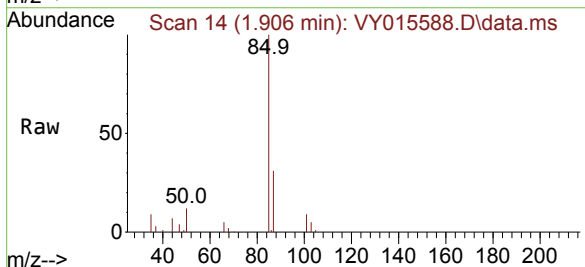
Instrument :
MSVOA_Y
ClientSampleId :

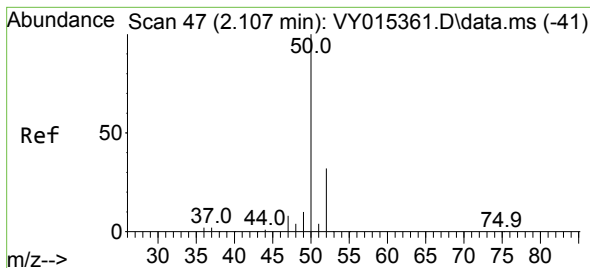
Tgt Ion:168 Resp: 170037
Ion Ratio Lower Upper
168 100
99 55.1 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 15.727 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 85 Resp: 23245
Ion Ratio Lower Upper
85 100
87 31.5 15.6 46.8





#3

Chloromethane

Concen: 15.499 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

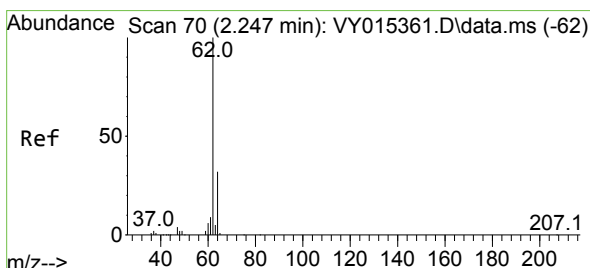
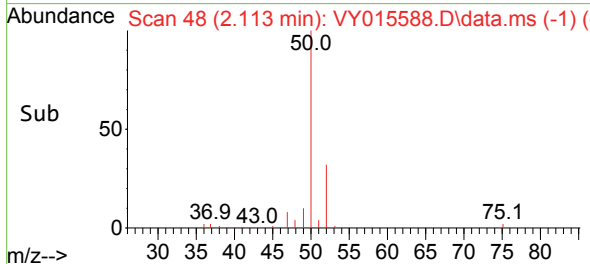
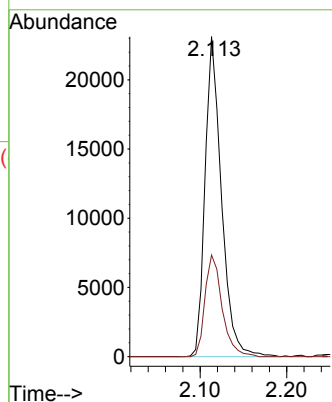
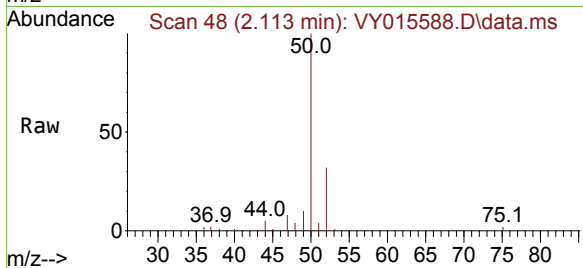
ClientSampleId :

Tgt Ion: 50 Resp: 30425

Ion Ratio Lower Upper

50 100

52 31.8 25.4 38.2



#4

Vinyl Chloride

Concen: 14.840 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.012 min

Lab File: VY015588.D

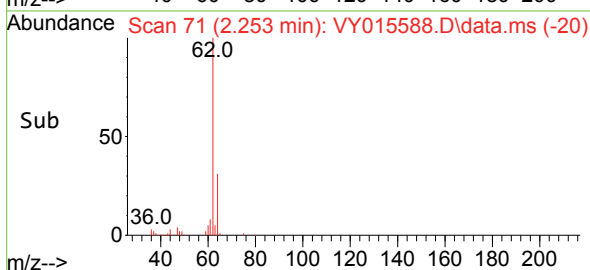
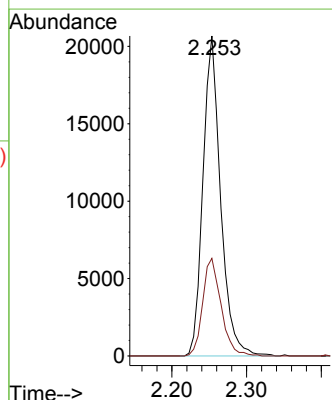
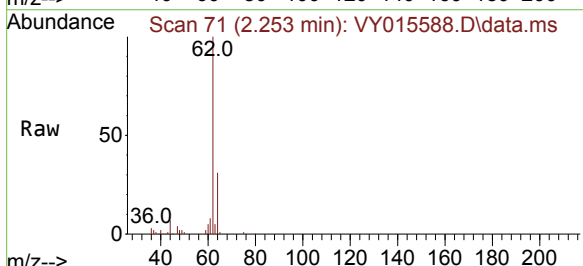
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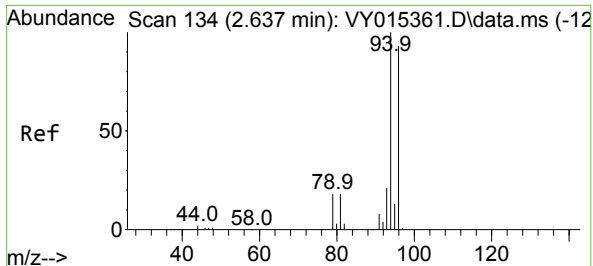
Tgt Ion: 62 Resp: 33906

Ion Ratio Lower Upper

62 100

64 30.5 24.3 36.5





#5

Bromomethane

Concen: 15.568 ug/l

RT: 2.644 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

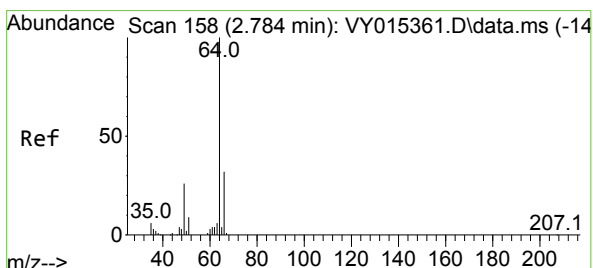
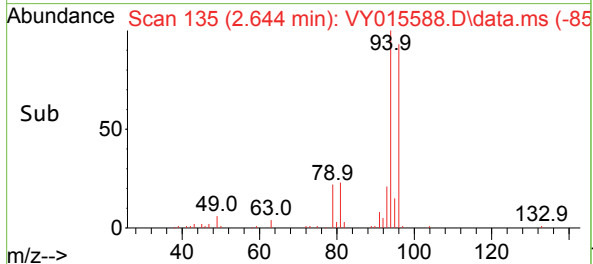
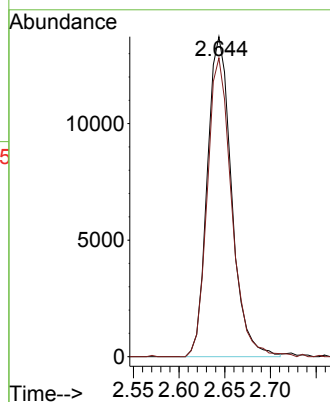
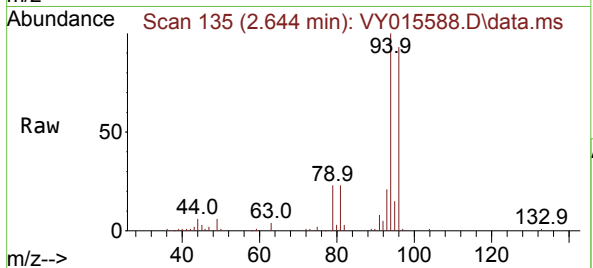
ClientSampleId :

Tgt Ion: 94 Resp: 25309

Ion Ratio Lower Upper

94 100

96 93.3 75.8 113.6



#6

Chloroethane

Concen: 17.128 ug/l

RT: 2.790 min Scan# 159

Delta R.T. 0.006 min

Lab File: VY015588.D

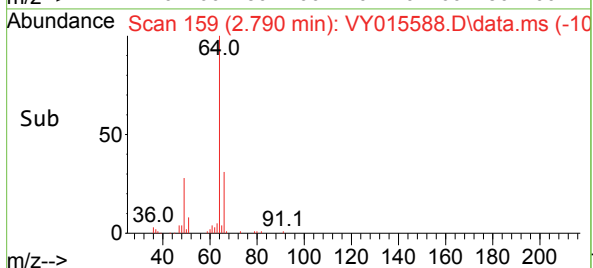
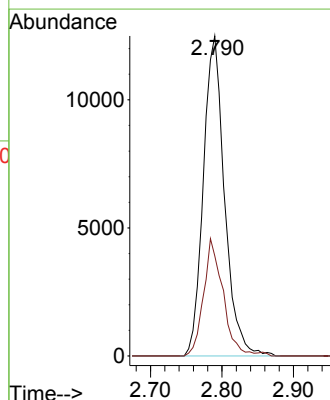
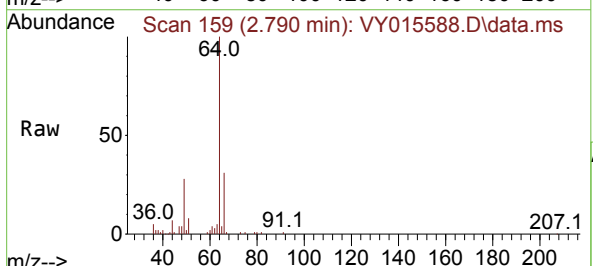
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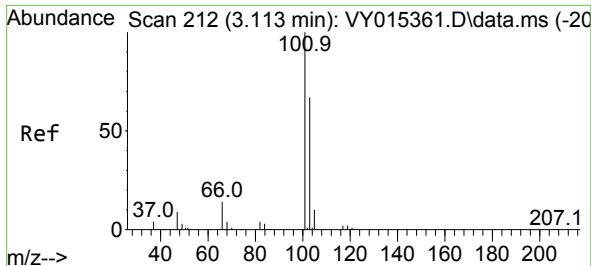
Tgt Ion: 64 Resp: 25722

Ion Ratio Lower Upper

64 100

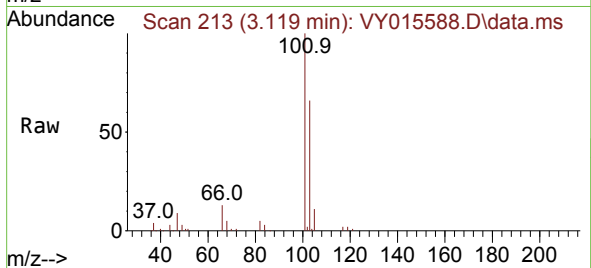
66 31.3 24.4 36.6



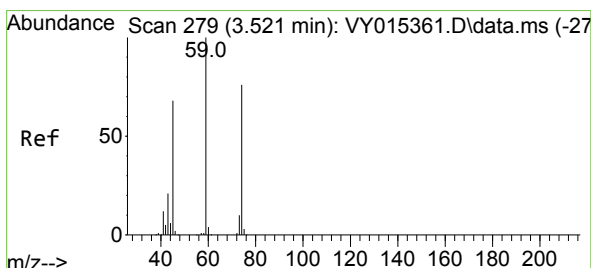
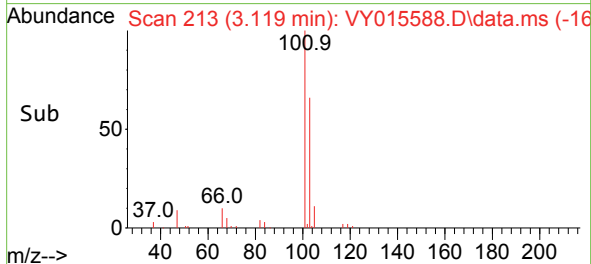
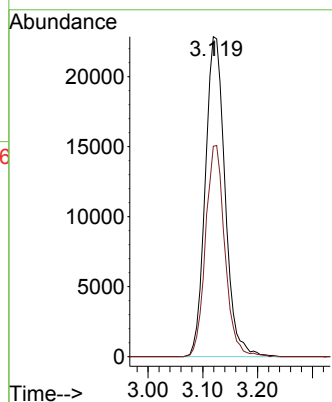


#7
 Trichlorofluoromethane
 Concen: 17.656 ug/l
 RT: 3.119 min Scan# 212
 Delta R.T. 0.006 min
 Lab File: VY015588.D
 Acq: 15 Sep 2023 23:38

Instrument :
 MSVOA_Y
 ClientSampleId :

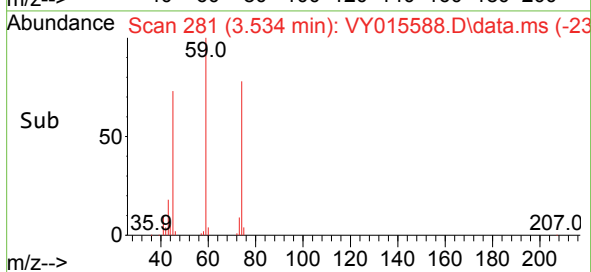
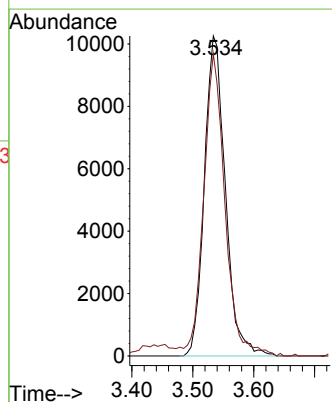
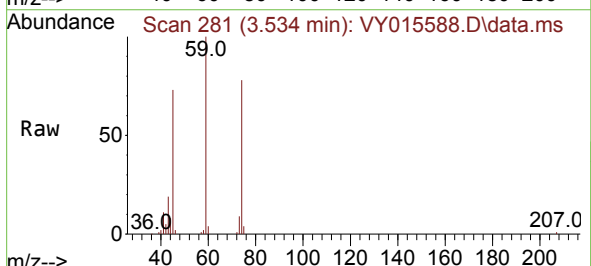


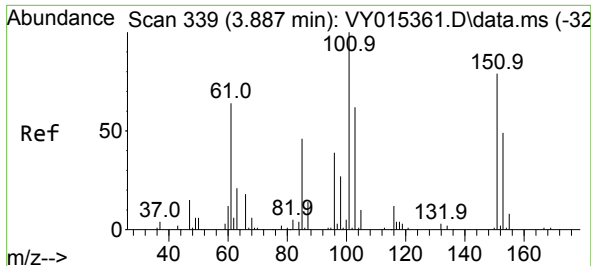
Tgt Ion:101 Resp: 57061
 Ion Ratio Lower Upper
 101 100
 103 65.8 51.4 77.0



#8
 Diethyl Ether
 Concen: 22.243 ug/l
 RT: 3.534 min Scan# 281
 Delta R.T. 0.012 min
 Lab File: VY015588.D
 Acq: 15 Sep 2023 23:38

Tgt Ion: 74 Resp: 24567
 Ion Ratio Lower Upper
 74 100
 45 95.5 51.5 154.5

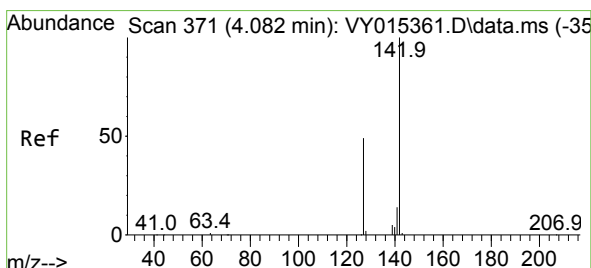
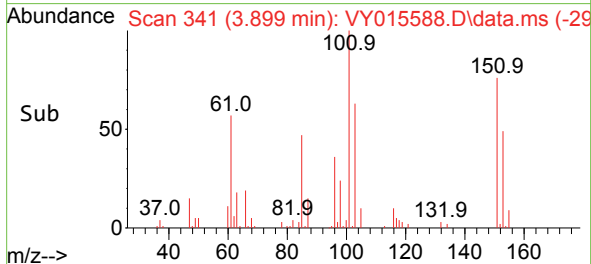
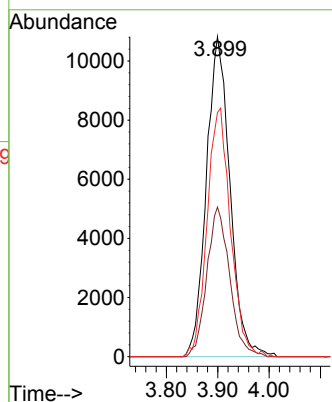
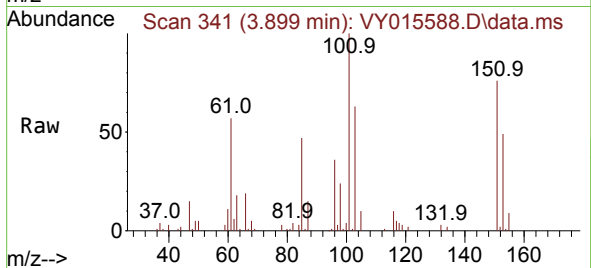




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.243 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

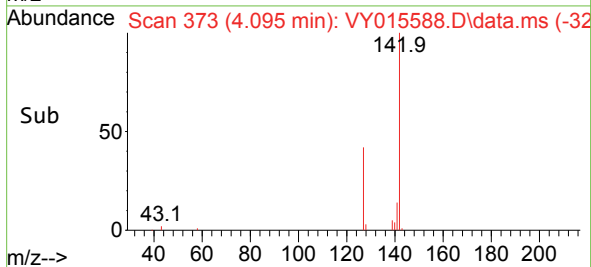
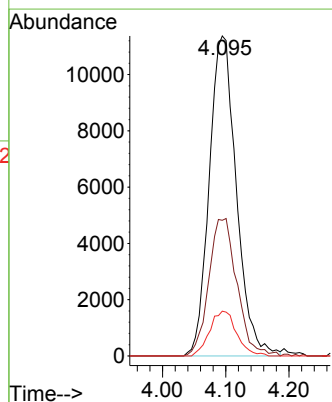
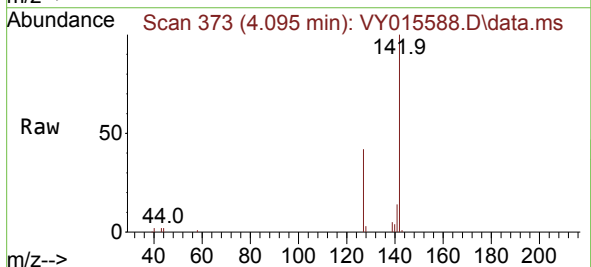
Instrument :
MSVOA_Y
ClientSampleId :

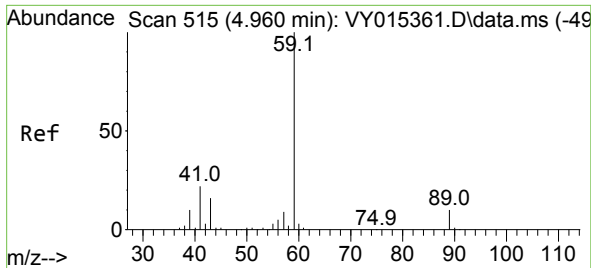
Tgt Ion:101 Resp: 34470
Ion Ratio Lower Upper
101 100
85 45.2 36.6 55.0
151 77.2 67.0 100.6



#10
Methyl Iodide
Concen: 16.102 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.012 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion:142 Resp: 33871
Ion Ratio Lower Upper
142 100
127 44.7 37.6 56.4
141 13.9 11.8 17.8

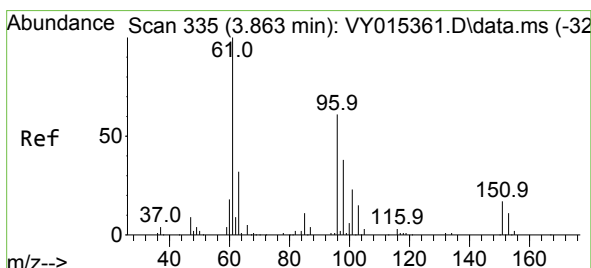
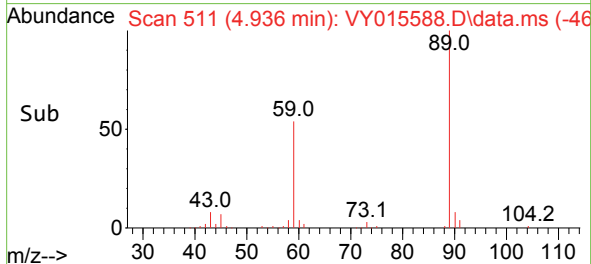
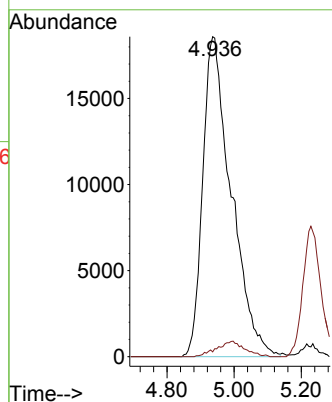
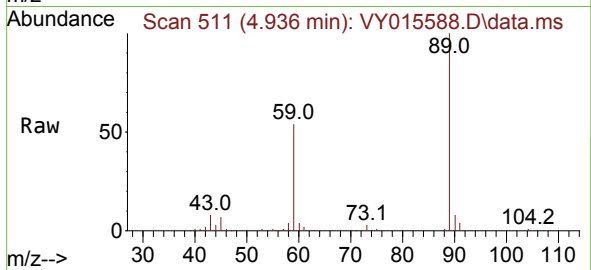




#11
Tert butyl alcohol
Concen: 275.972 ug/l
RT: 4.936 min Scan# 51
Delta R.T. -0.018 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

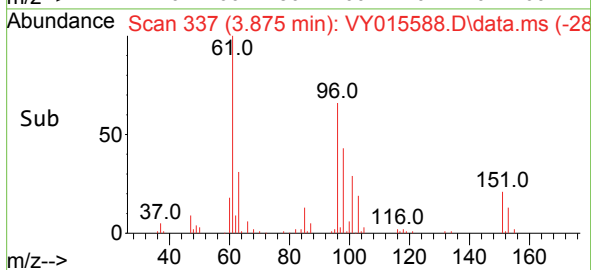
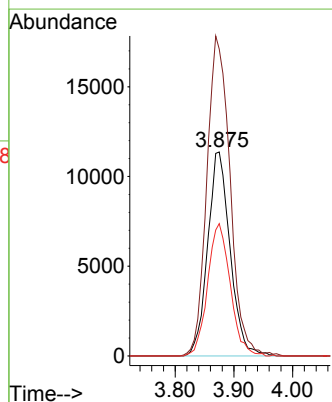
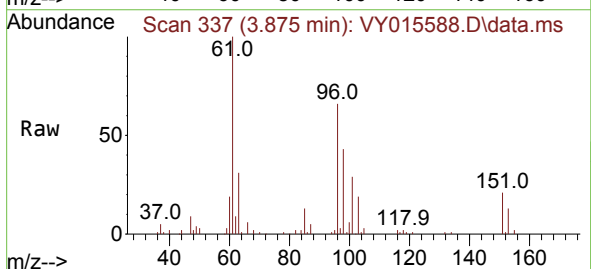
Instrument :
MSVOA_Y
ClientSampleId :

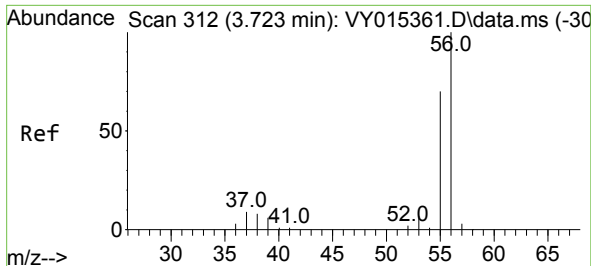
Tgt Ion: 59 Resp: 109337
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 17.850 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.012 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 96 Resp: 30171
Ion Ratio Lower Upper
96 100
61 150.5 136.4 204.6
98 64.9 49.4 74.2





#13

Acrolein

Concen: 55.881 ug/l

RT: 3.735 min Scan# 312

Delta R.T. 0.012 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

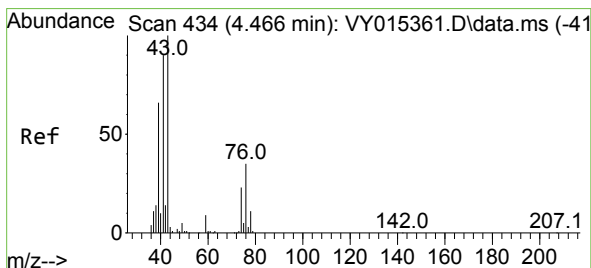
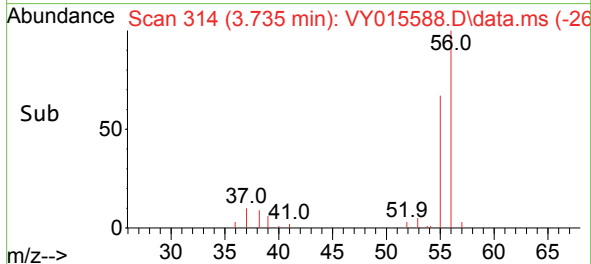
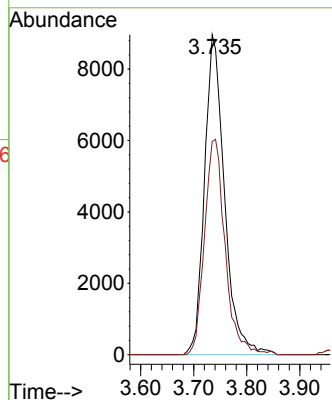
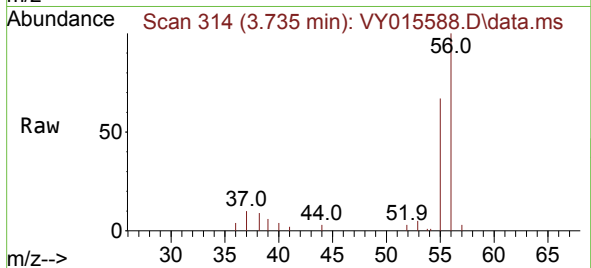
ClientSampleId :

Tgt Ion: 56 Resp: 23495

Ion Ratio Lower Upper

56 100

55 69.4 57.0 85.4



#14

Allyl chloride

Concen: 20.591 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.012 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

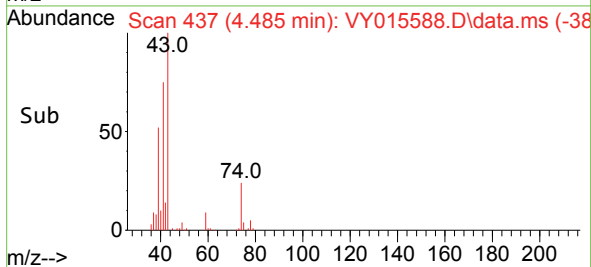
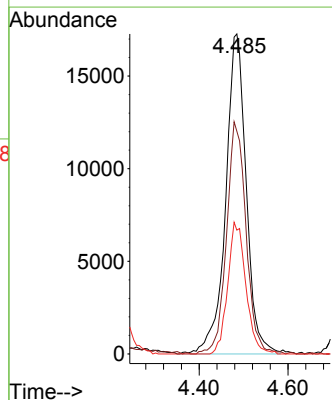
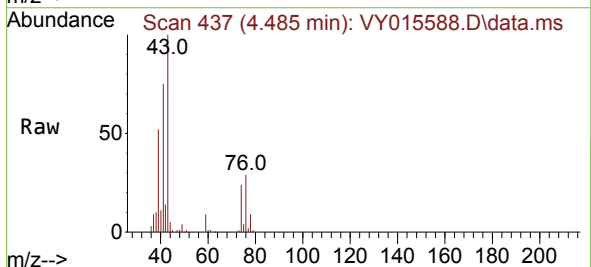
Tgt Ion: 41 Resp: 55414

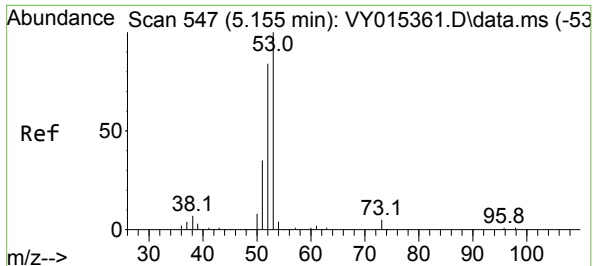
Ion Ratio Lower Upper

41 100

39 68.8 58.0 87.0

76 36.4 27.4 41.2

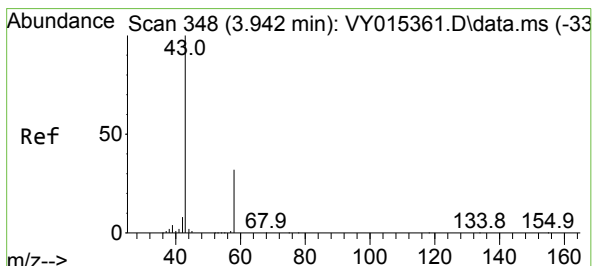
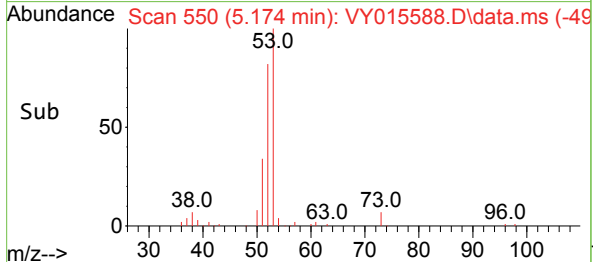
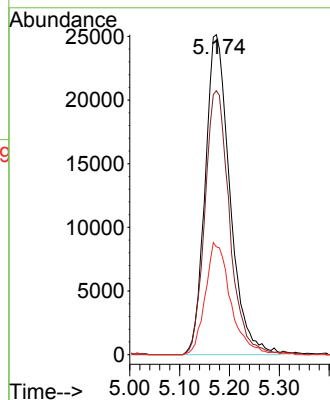
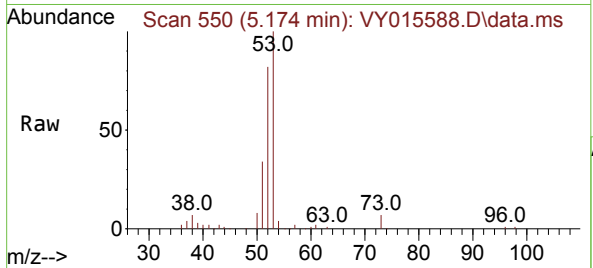




#15
Acrylonitrile
Concen: 124.685 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

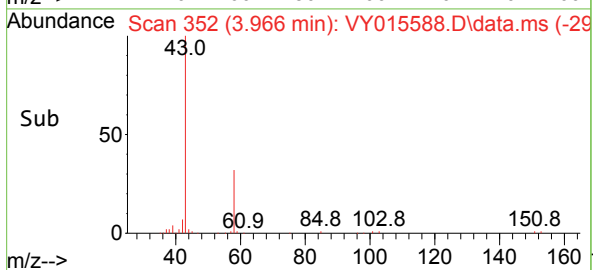
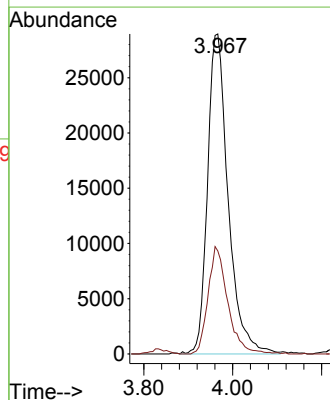
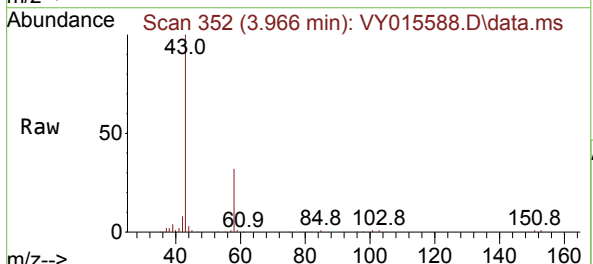
Instrument :
MSVOA_Y
ClientSampleId :

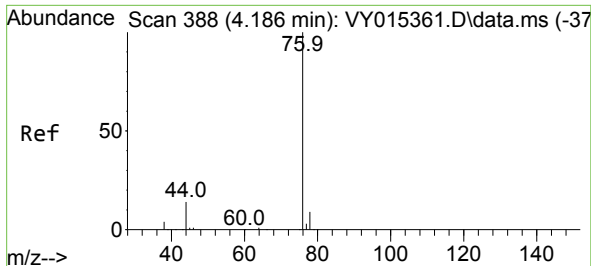
Tgt Ion: 53 Resp: 86657
Ion Ratio Lower Upper
53 100
52 82.3 66.9 100.3
51 36.0 29.8 44.6



#16
Acetone
Concen: 122.805 ug/l
RT: 3.966 min Scan# 352
Delta R.T. 0.024 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 43 Resp: 93432
Ion Ratio Lower Upper
43 100
58 32.2 22.7 34.1

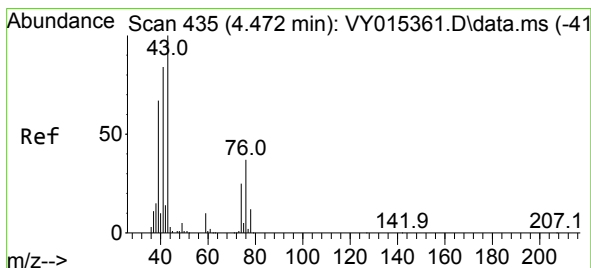
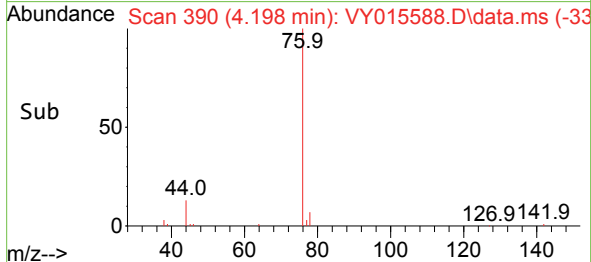
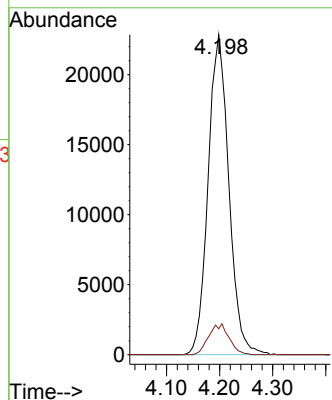
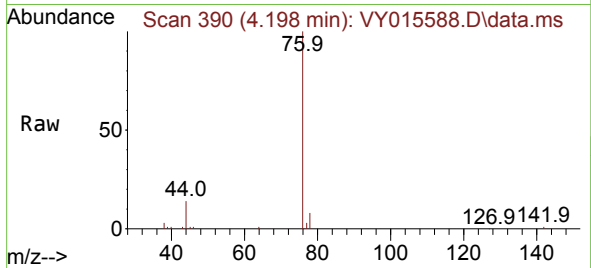




#17
Carbon Disulfide
Concen: 12.283 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.012 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

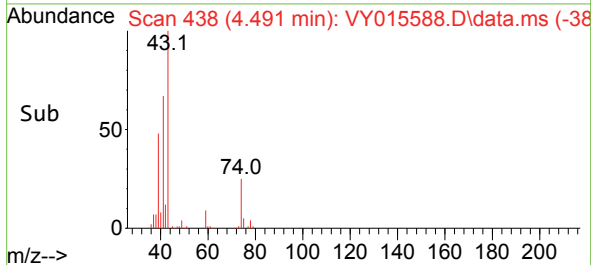
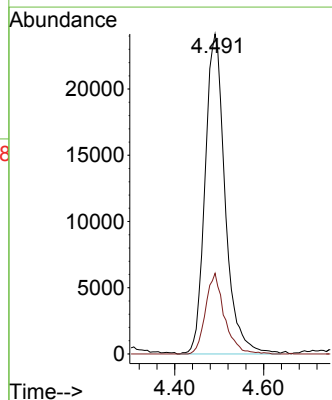
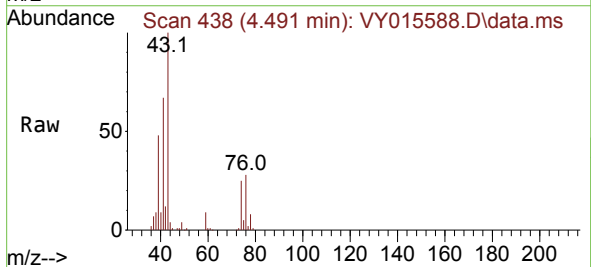
Instrument :
MSVOA_Y
ClientSampleId :

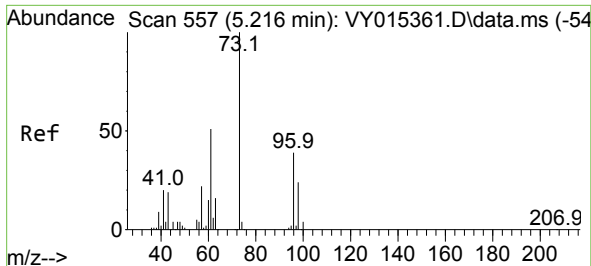
Tgt Ion: 76 Resp: 62069
Ion Ratio Lower Upper
76 100
78 8.1 7.0 10.4



#18
Methyl Acetate
Concen: 27.506 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.018 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 43 Resp: 75797
Ion Ratio Lower Upper
43 100
74 23.8 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 23.083 ug/l

RT: 5.235 min Scan# 5

Delta R.T. 0.024 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

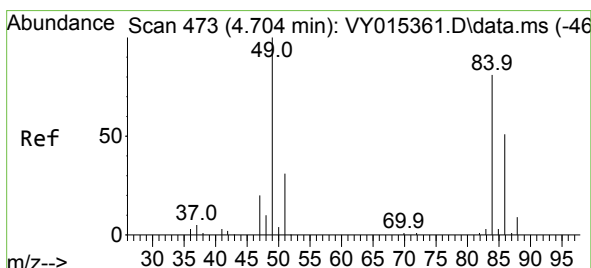
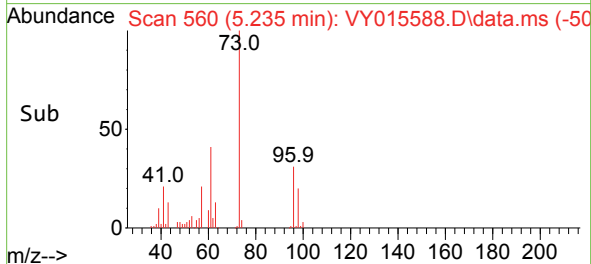
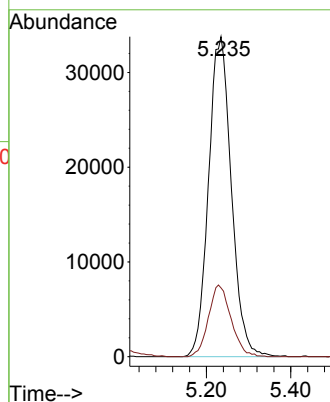
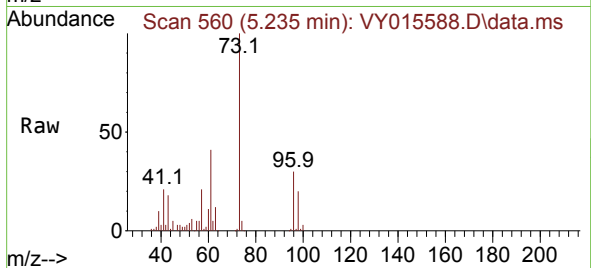
ClientSampleId :

Tgt Ion: 73 Resp: 126812

Ion Ratio Lower Upper

73 100

57 21.5 17.3 25.9



#20

Methylene Chloride

Concen: 41.156 ug/l

RT: 4.722 min Scan# 476

Delta R.T. 0.018 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Tgt Ion: 84 Resp: 103827

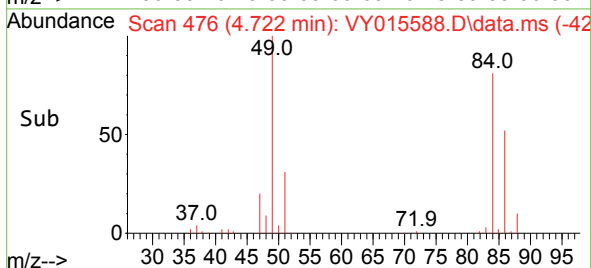
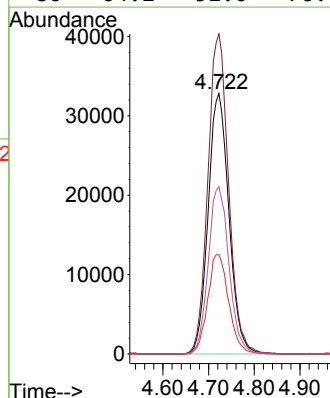
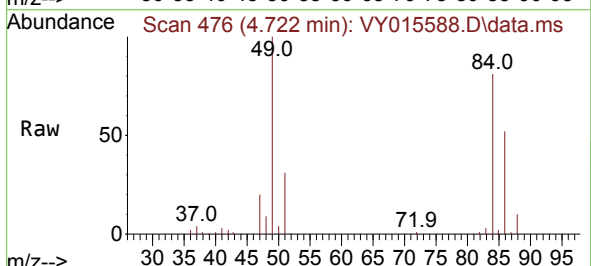
Ion Ratio Lower Upper

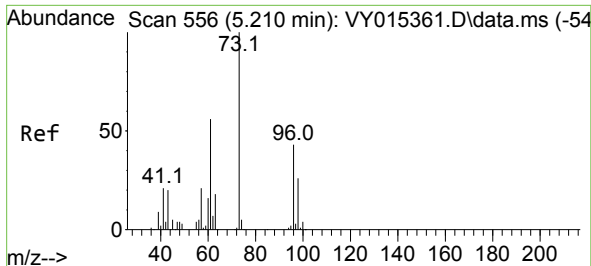
84 100

49 122.8 106.9 160.3

51 38.1 33.2 49.8

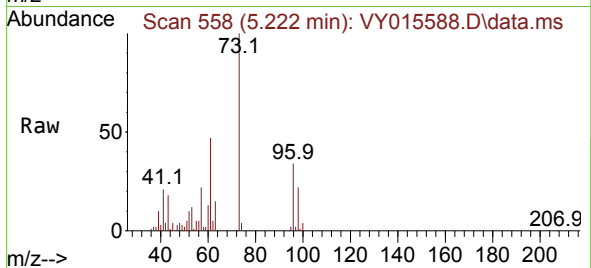
86 64.2 51.0 76.6



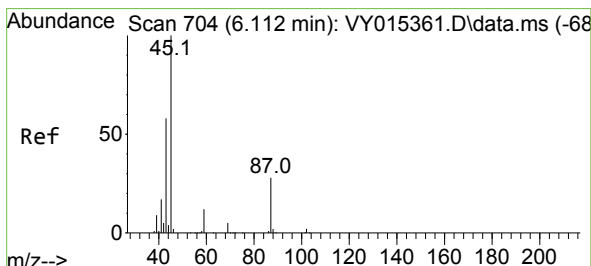
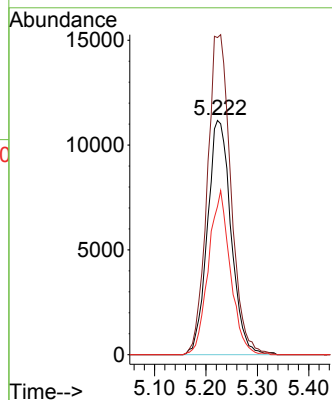
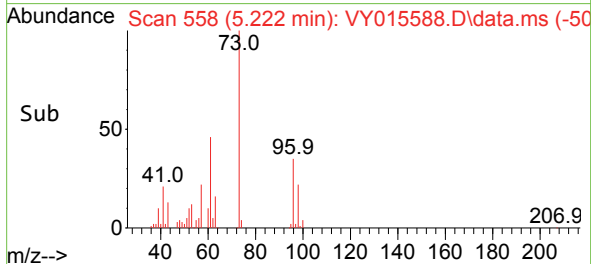


#21
trans-1,2-Dichloroethene
Concen: 18.313 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Instrument :
MSVOA_Y
ClientSampleId :

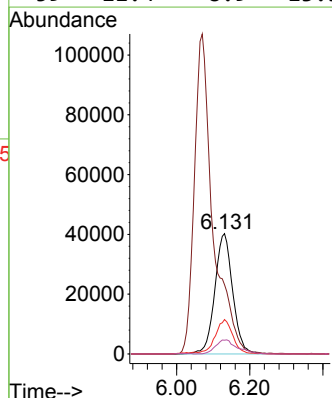
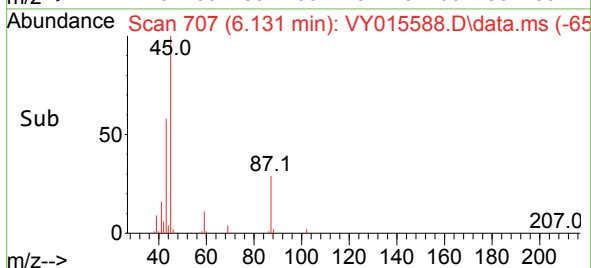
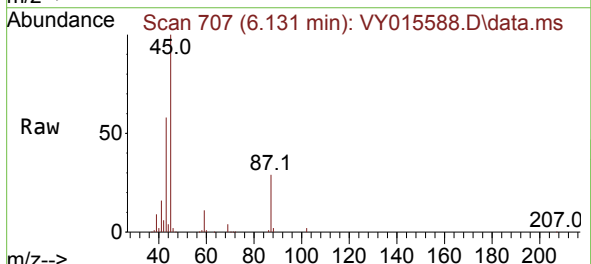


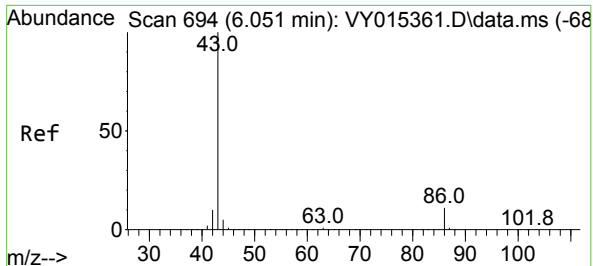
Tgt Ion: 96 Resp: 35644
Ion Ratio Lower Upper
96 100
61 135.4 110.2 165.4
98 63.3 51.8 77.6



#22
Diisopropyl ether
Concen: 23.278 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.018 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 45 Resp: 137013
Ion Ratio Lower Upper
45 100
43 57.1 52.2 78.4
87 28.6 21.0 31.6
59 11.4 8.9 13.3





#23

Vinyl Acetate

Concen: 101.723 ug/l

RT: 6.070 min Scan# 694

Delta R.T. 0.018 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

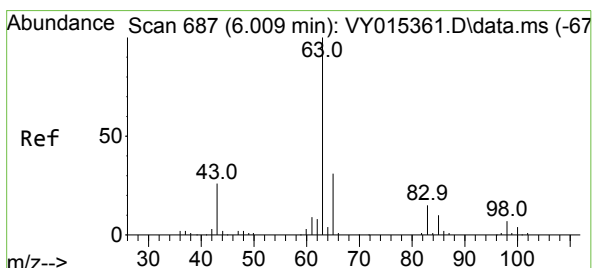
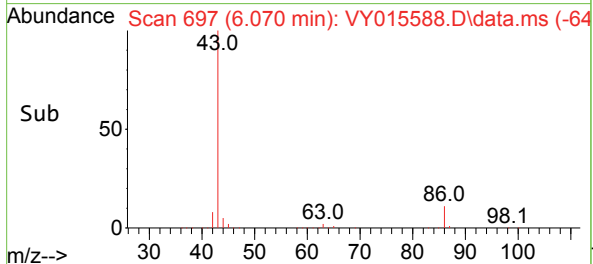
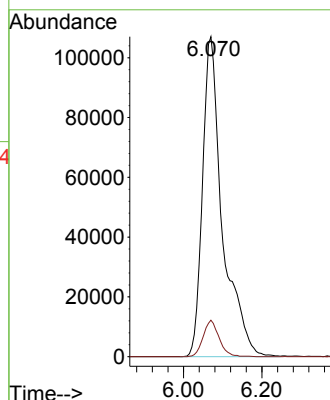
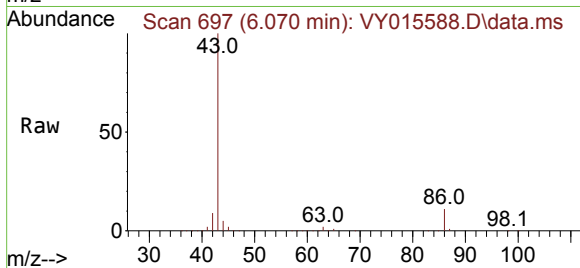
ClientSampleId :

Tgt Ion: 43 Resp: 378025

Ion Ratio Lower Upper

43 100

86 11.4 7.5 11.3#



#24

1,1-Dichloroethane

Concen: 21.717 ug/l

RT: 6.027 min Scan# 690

Delta R.T. 0.024 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

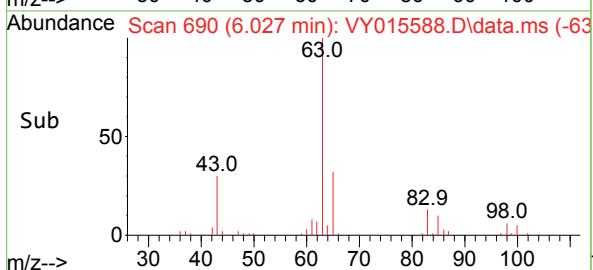
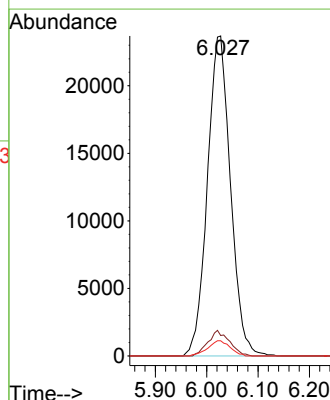
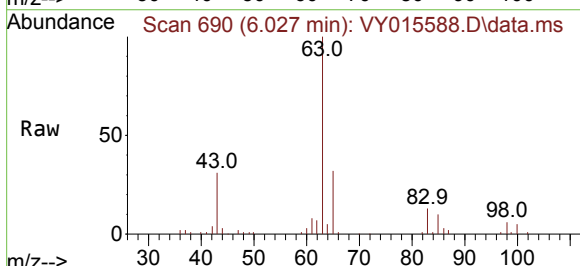
Tgt Ion: 63 Resp: 73891

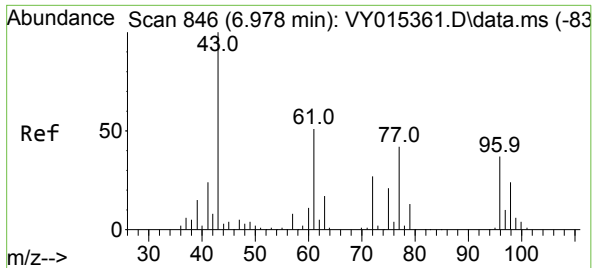
Ion Ratio Lower Upper

63 100

98 6.4 3.1 9.4

100 4.8 1.8 5.5





#25

2-Butanone

Concen: 130.909 ug/l

RT: 6.996 min Scan# 84

Delta R.T. 0.018 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

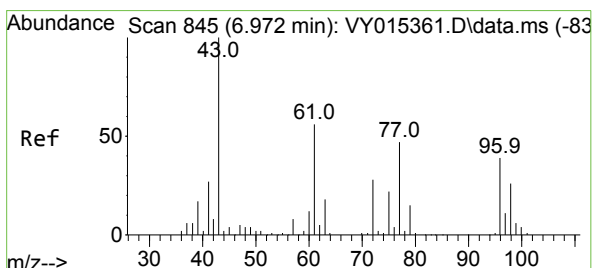
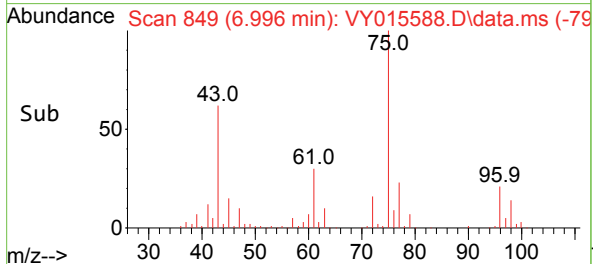
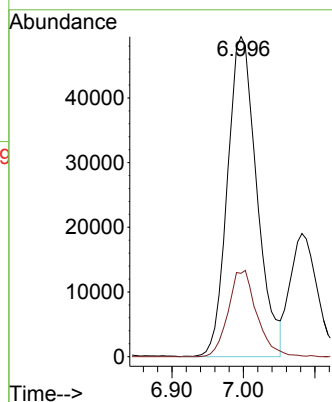
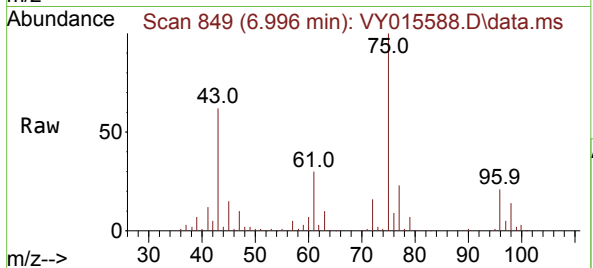
ClientSampleId :

Tgt Ion: 43 Resp: 141262

Ion Ratio Lower Upper

43 100

72 26.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 21.665 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.018 min

Lab File: VY015588.D

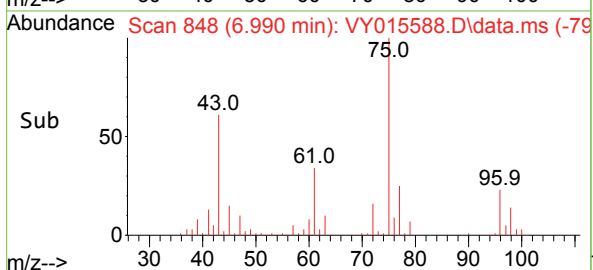
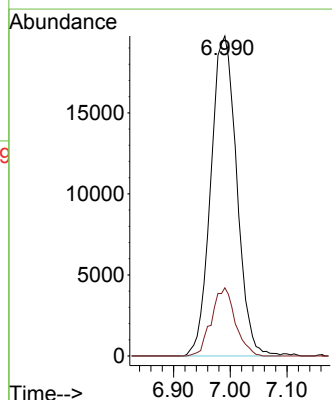
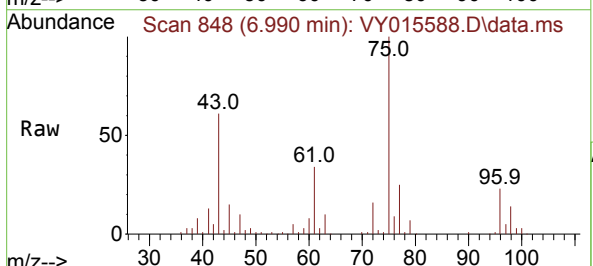
Acq: 15 Sep 2023 23:38

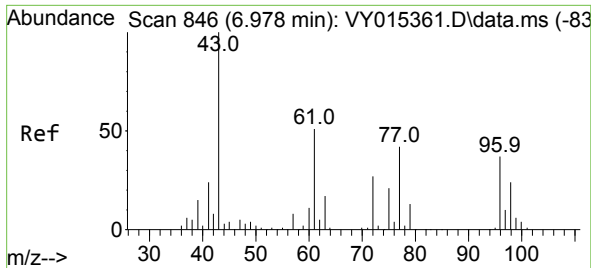
Tgt Ion: 77 Resp: 62610

Ion Ratio Lower Upper

77 100

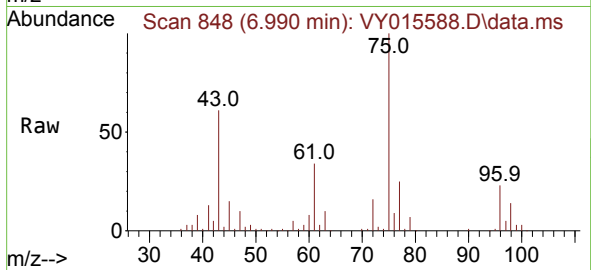
97 19.6 10.9 32.9



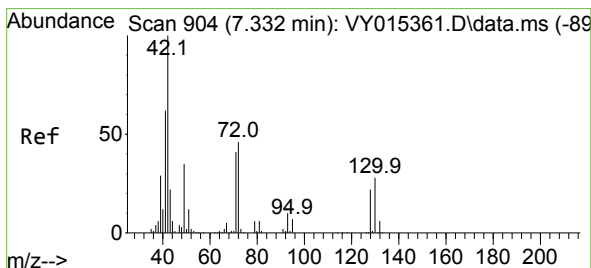
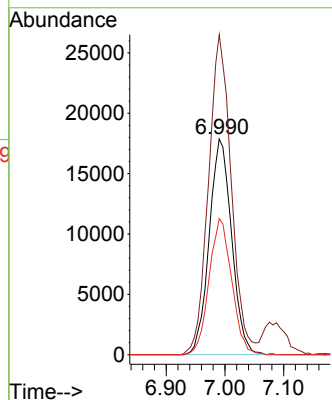
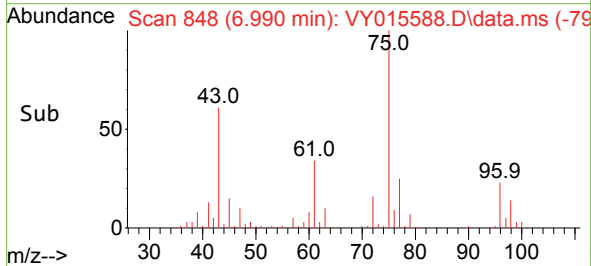


#27
 cis-1,2-Dichloroethene
 Concen: 21.524 ug/l
 RT: 6.990 min Scan# 846
 Delta R.T. 0.012 min
 Lab File: VY015588.D
 Acq: 15 Sep 2023 23:38

Instrument :
 MSVOA_Y
 ClientSampleId :

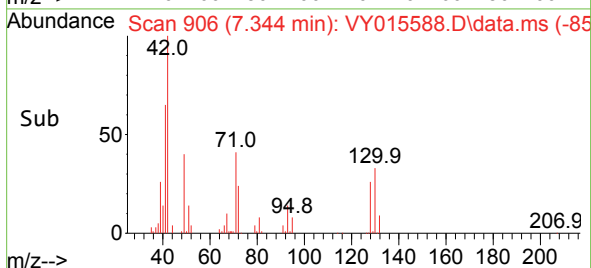
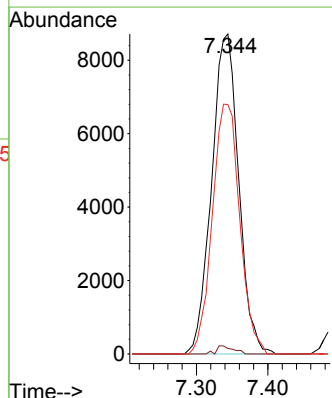
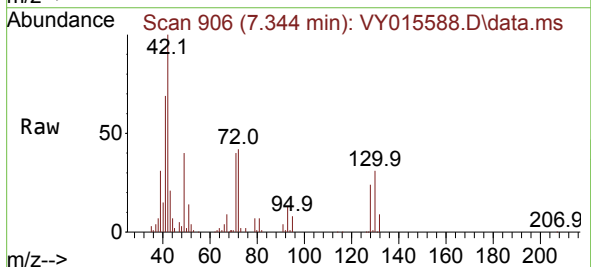


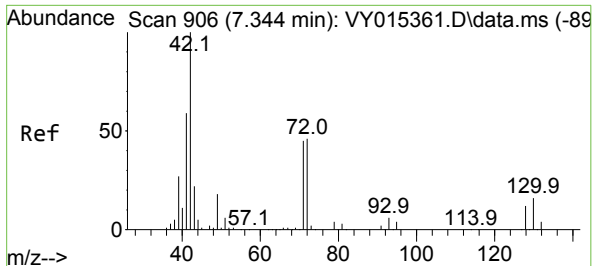
Tgt Ion: 96 Resp: 47526
 Ion Ratio Lower Upper
 96 100
 61 150.0 0.0 301.4
 98 63.4 0.0 130.4



#28
 Bromochloromethane
 Concen: 21.937 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.018 min
 Lab File: VY015588.D
 Acq: 15 Sep 2023 23:38

Tgt Ion: 49 Resp: 22889
 Ion Ratio Lower Upper
 49 100
 129 1.6 0.0 4.6
 130 79.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 122.608 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

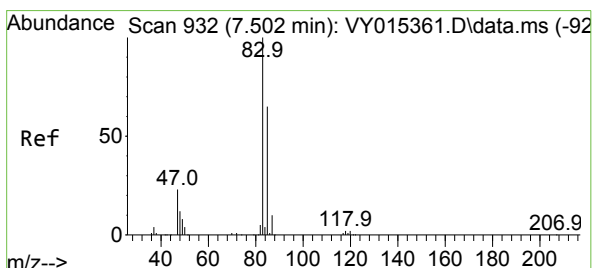
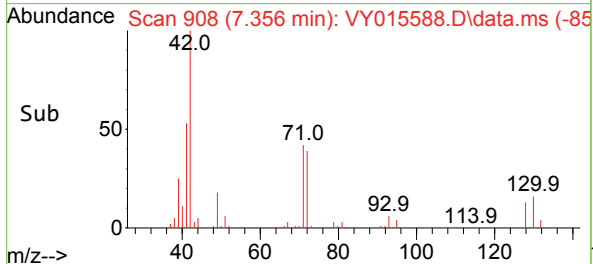
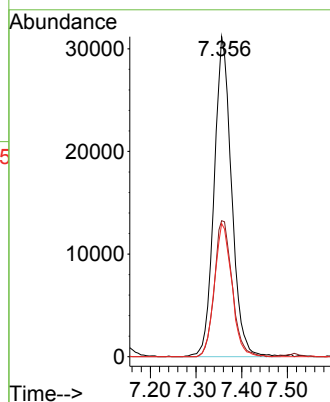
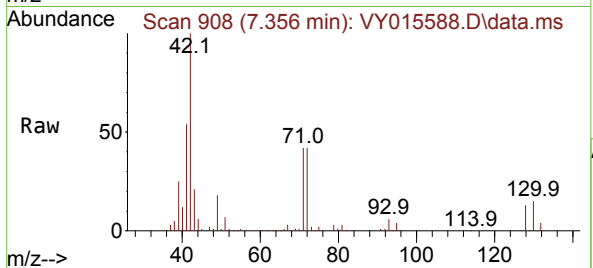
Tgt Ion: 42 Resp: 83084

Ion Ratio Lower Upper

42 100

72 43.5 32.8 49.2

71 41.3 31.0 46.4



#30

Chloroform

Concen: 22.349 ug/l

RT: 7.509 min Scan# 933

Delta R.T. 0.012 min

Lab File: VY015588.D

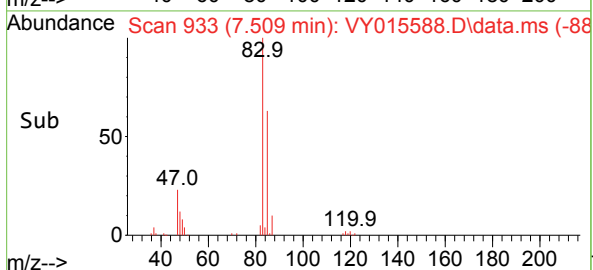
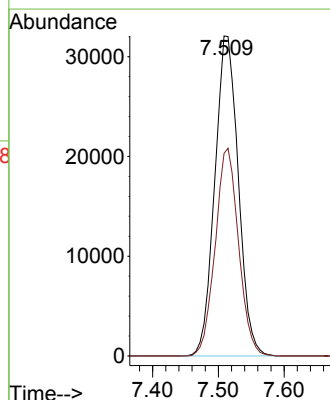
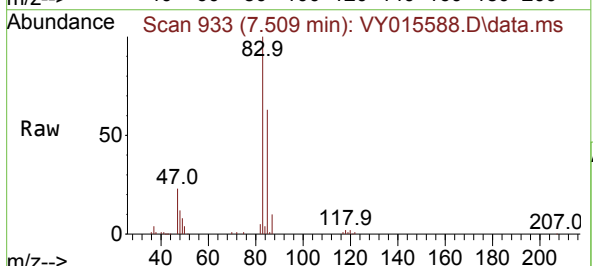
Acq: 15 Sep 2023 23:38

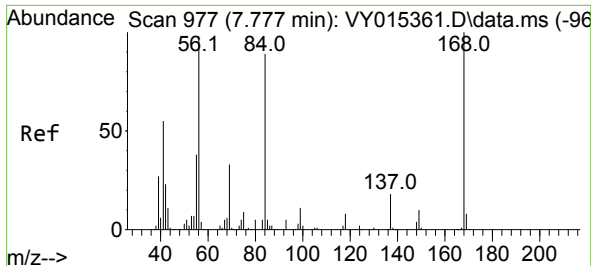
Tgt Ion: 83 Resp: 79938

Ion Ratio Lower Upper

83 100

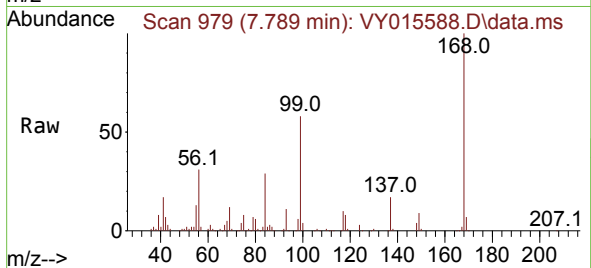
85 63.3 49.7 74.5



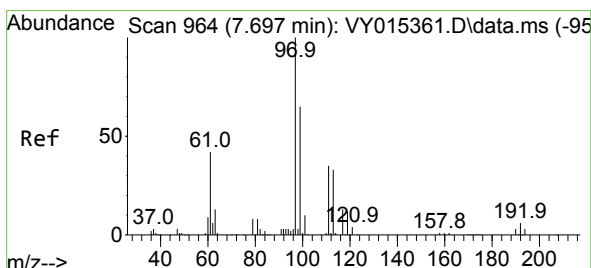
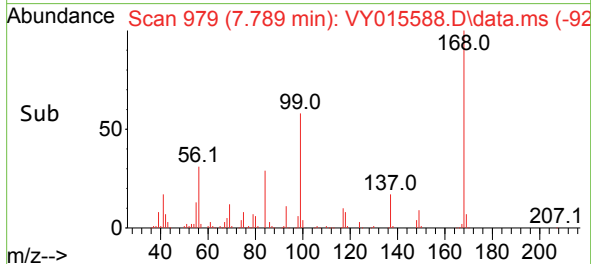
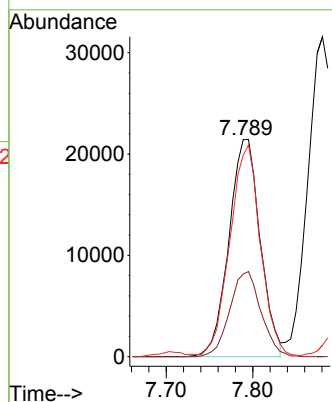


#31
Cyclohexane
Concen: 16.609 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Instrument :
MSVOA_Y
ClientSampleId :

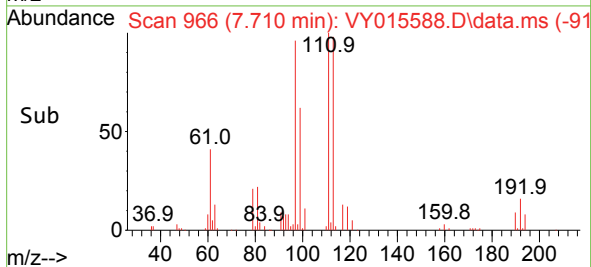
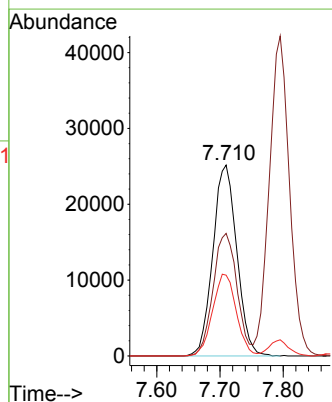
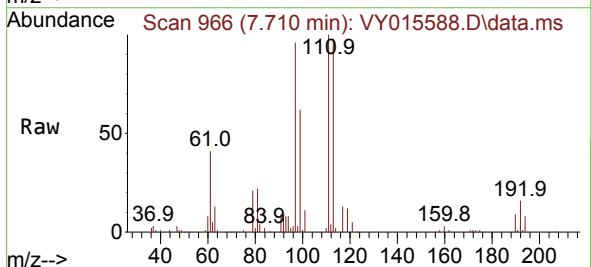


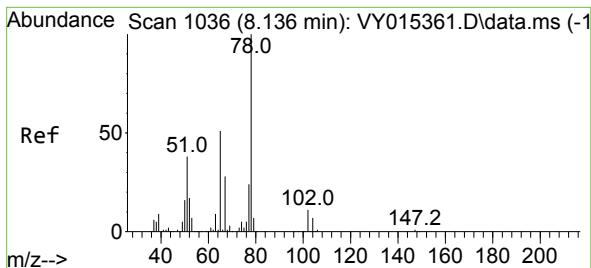
Tgt Ion: 56 Resp: 53777
Ion Ratio Lower Upper
56 100
69 38.1 27.8 41.6
84 91.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.652 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.018 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 97 Resp: 65979
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 42.5 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.822 ug/l

RT: 8.149 min Scan# 110

Delta R.T. 0.012 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

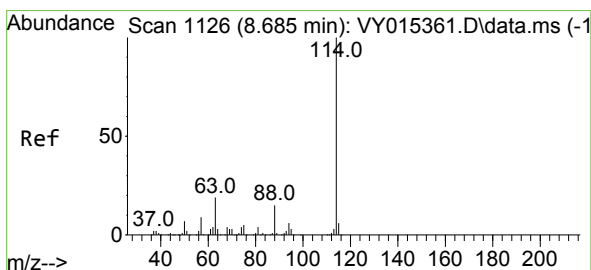
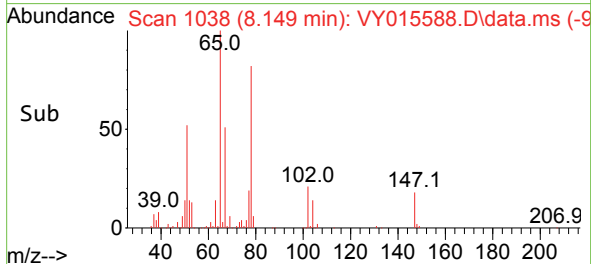
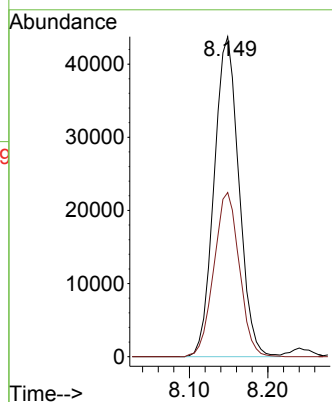
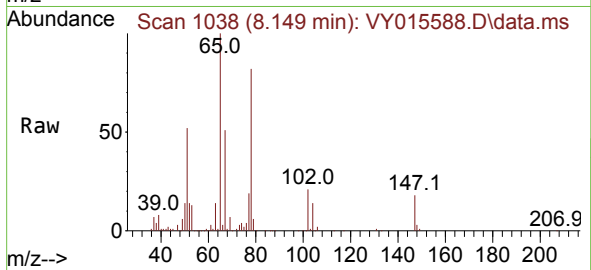
ClientSampleId :

Tgt Ion: 65 Resp: 96283

Ion Ratio Lower Upper

65 100

67 52.6 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: VY015588.D

Acq: 15 Sep 2023 23:38

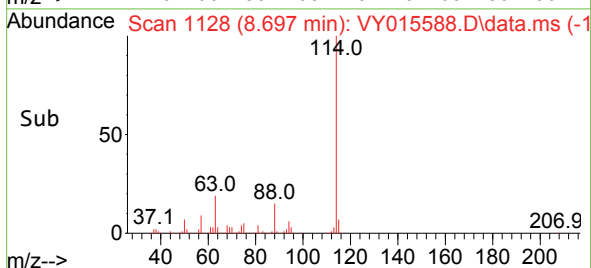
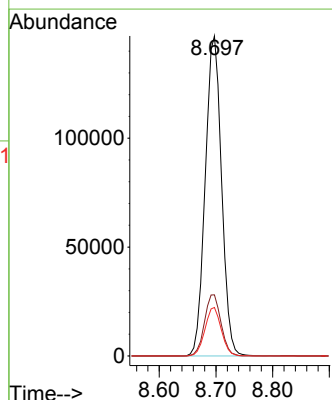
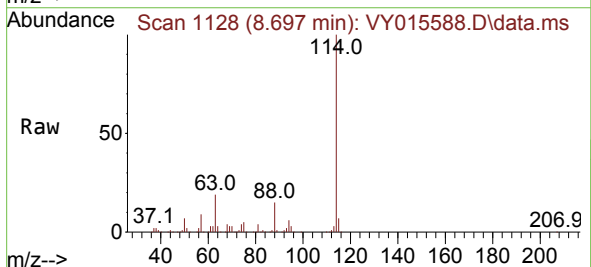
Tgt Ion:114 Resp: 292861

Ion Ratio Lower Upper

114 100

63 19.1 0.0 42.4

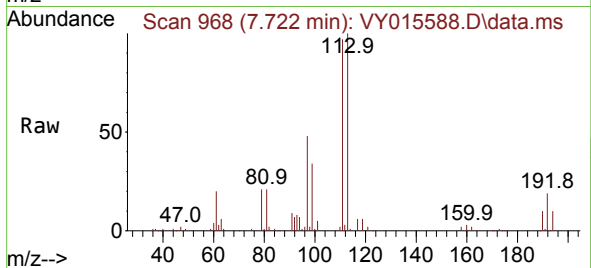
88 15.1 0.0 30.6



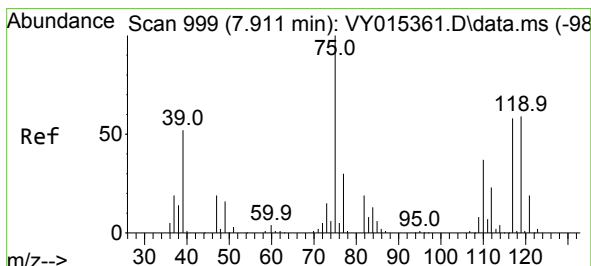
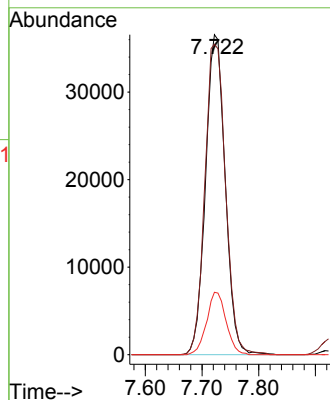
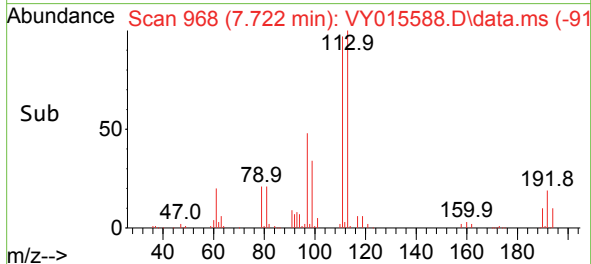


#35
Dibromofluoromethane
Concen: 52.159 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Instrument :
MSVOA_Y
ClientSampleId :

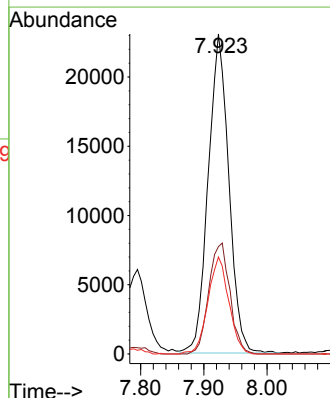
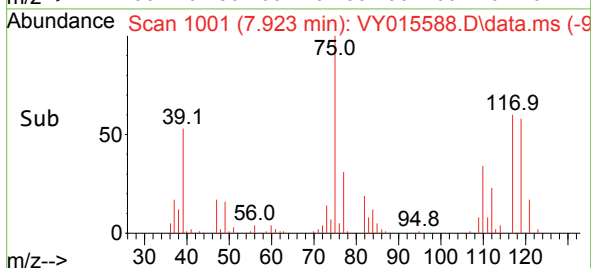
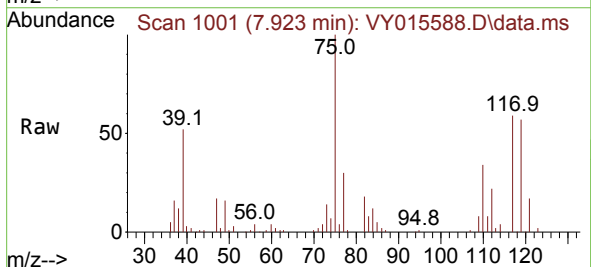


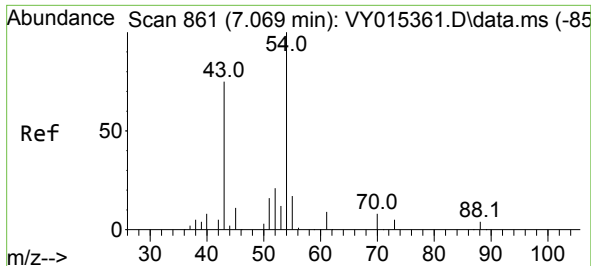
Tgt Ion:113 Resp: 87983
Ion Ratio Lower Upper
113 100
111 102.2 81.3 121.9
192 19.3 16.9 25.3



#36
1,1-Dichloropropene
Concen: 17.640 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 75 Resp: 52248
Ion Ratio Lower Upper
75 100
110 35.5 17.8 53.5
77 30.7 24.4 36.6





#37

Ethyl Acetate

Concen: 22.669 ug/l

RT: 7.082 min Scan# 863

Delta R.T. 0.018 min

Lab File: VY015588.D

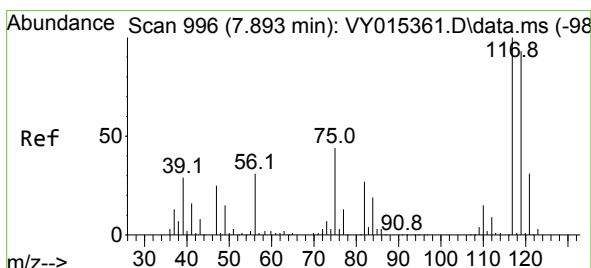
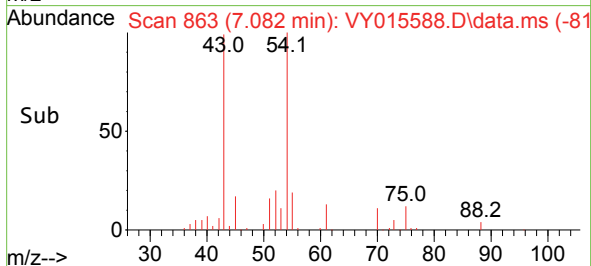
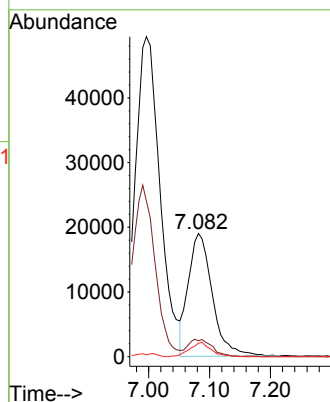
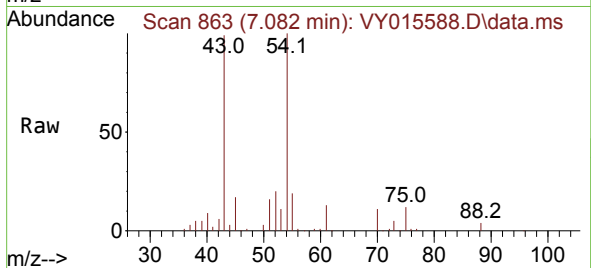
Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 51784
Ion Ratio	Lower Upper
43	100
61	14.5 10.1 15.1
70	10.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 18.326 ug/l

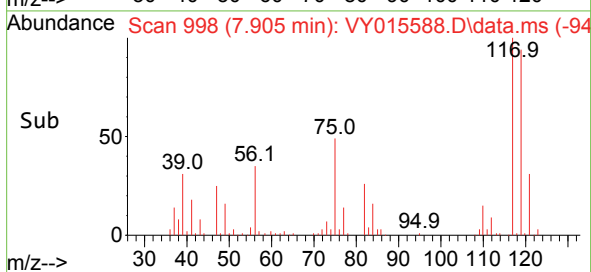
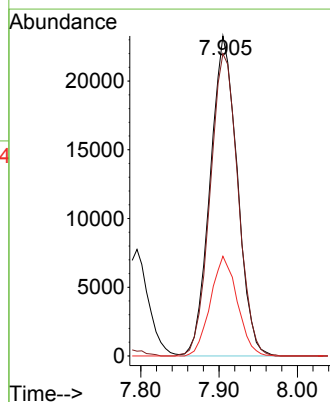
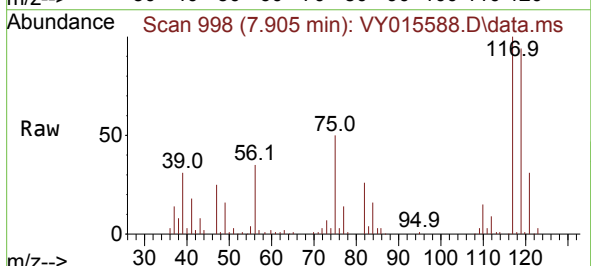
RT: 7.905 min Scan# 998

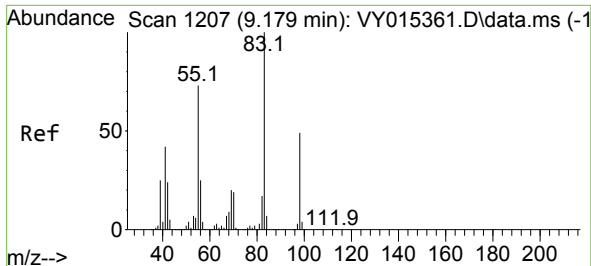
Delta R.T. 0.012 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Tgt Ion: 117	Resp: 56060
Ion Ratio	Lower Upper
117	100
119	94.5 76.4 114.6
121	31.1 25.8 38.6





#39

Methylcyclohexane

Concen: 15.945 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY015588.D

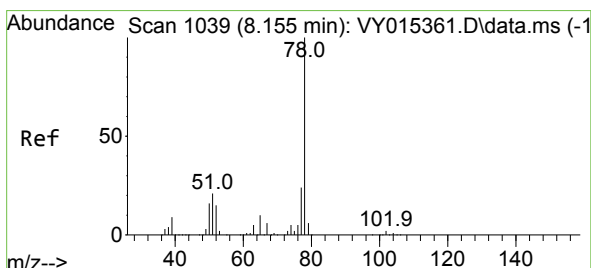
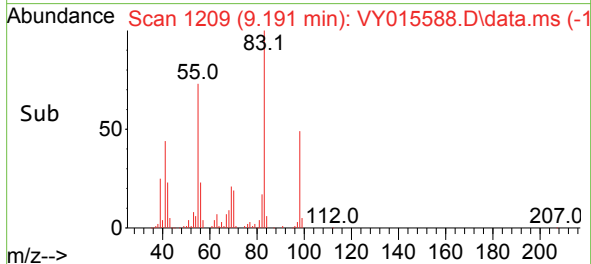
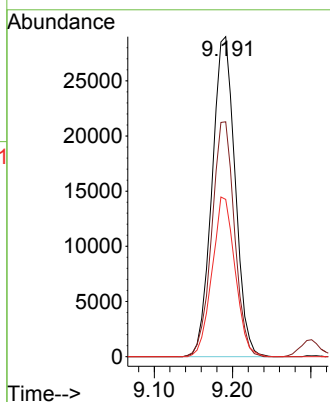
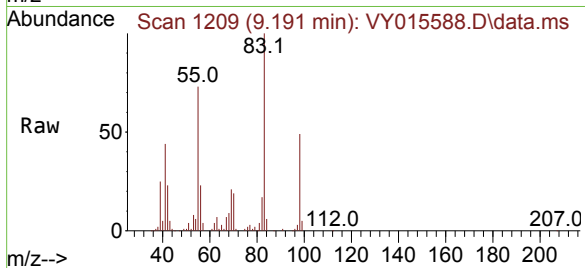
Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	59455
Ion	Ratio	Lower	Upper
83	100		
55	73.4	63.0	94.4
98	49.1	37.4	56.2



#40

Benzene

Concen: 19.481 ug/l

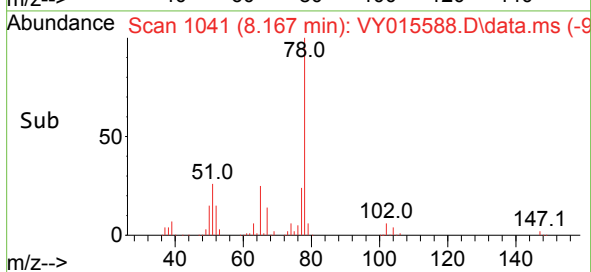
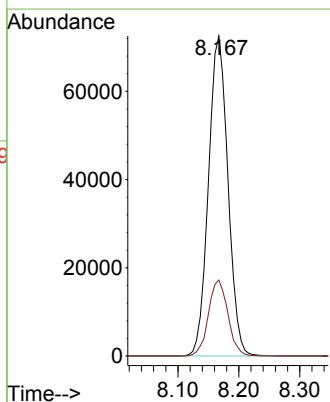
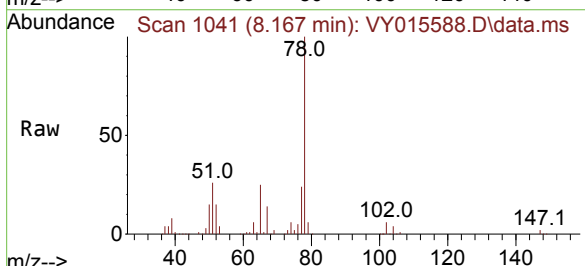
RT: 8.167 min Scan# 1041

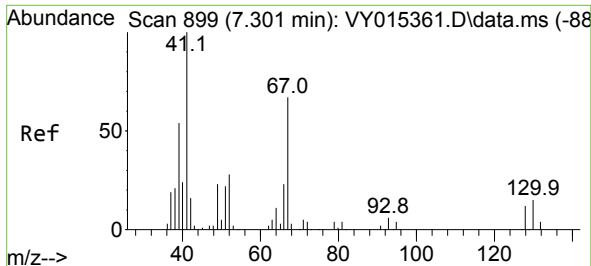
Delta R.T. 0.018 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Tgt Ion:	78	Resp:	160979
Ion	Ratio	Lower	Upper
78	100		
77	23.8	19.0	28.6

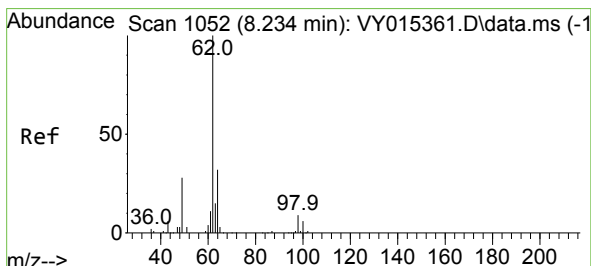
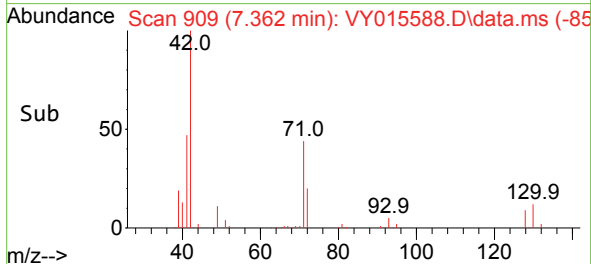
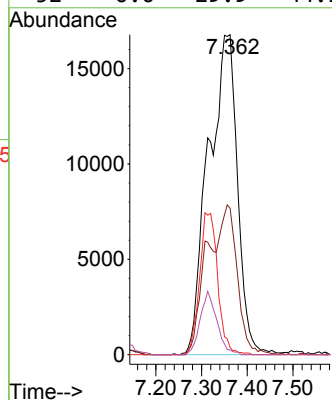
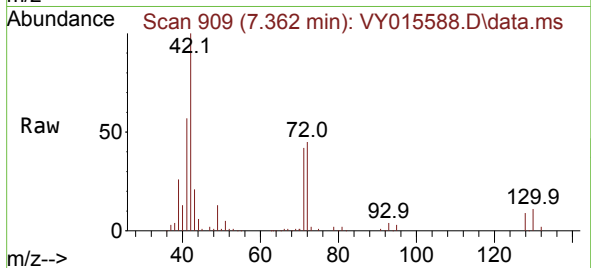




#41
Methacrylonitrile
Concen: 69.005 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.049 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

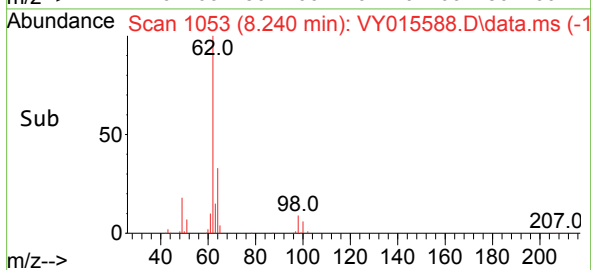
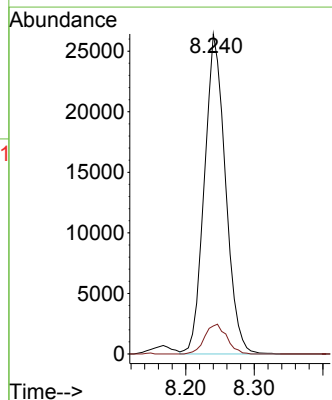
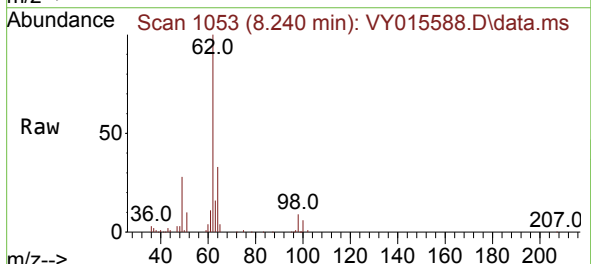
Instrument :
MSVOA_Y
ClientSampleId :

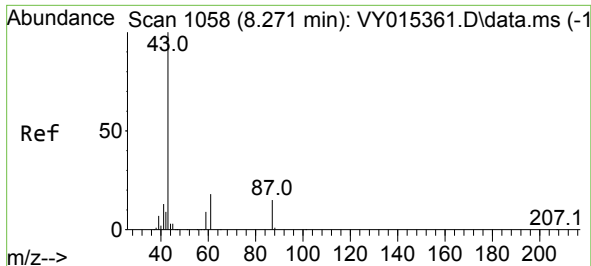
Tgt Ion:	41	Resp:	73919
Ion	Ratio	Lower	Upper
41	100		
39	28.7	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 20.532 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

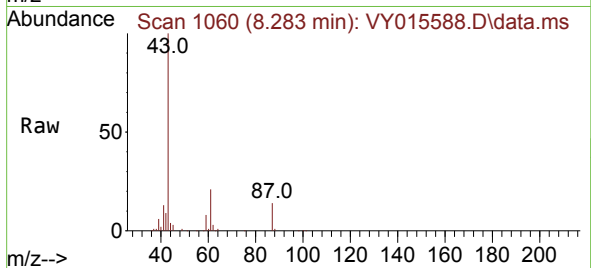
Tgt Ion:	62	Resp:	56577
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	15.8



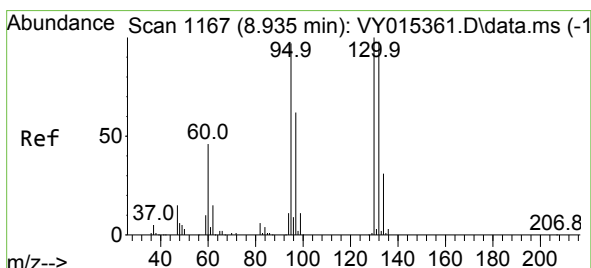
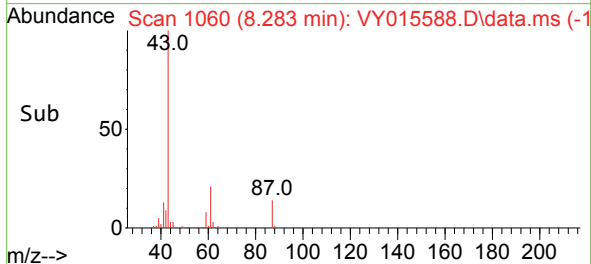
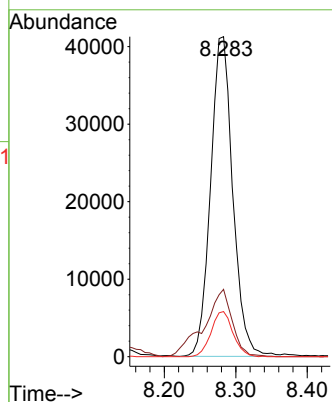


#43
Isopropyl Acetate
Concen: 22.520 ug/l
RT: 8.283 min Scan# 11060
Delta R.T. 0.018 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Instrument :
MSVOA_Y
ClientSampleId :

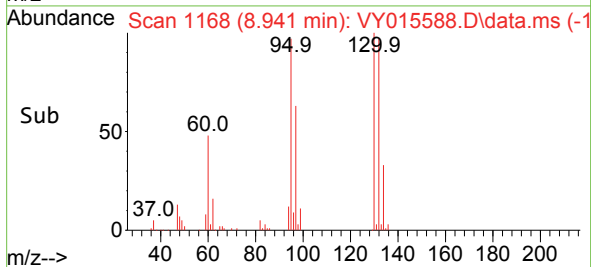
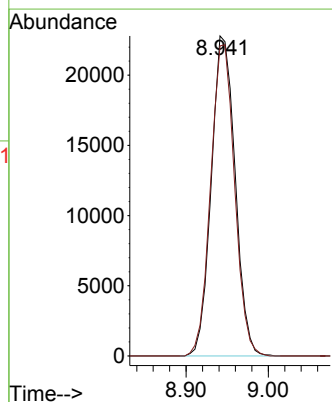
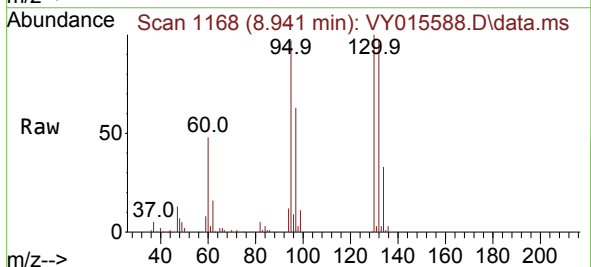


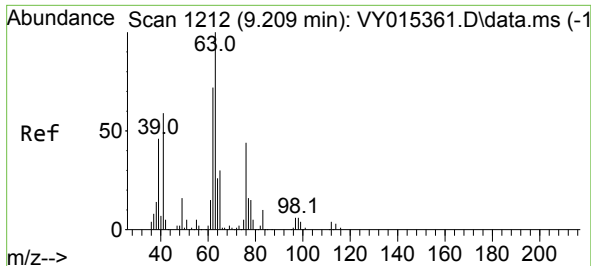
Tgt Ion	Ratio	Lower	Upper
43	100		
61	26.9	21.1	31.7
87	13.9	9.8	14.8



#44
Trichloroethene
Concen: 19.578 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	96.9	0.0	196.0





#45

1,2-Dichloropropane

Concen: 21.521 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

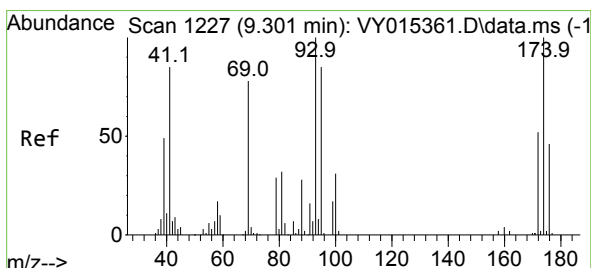
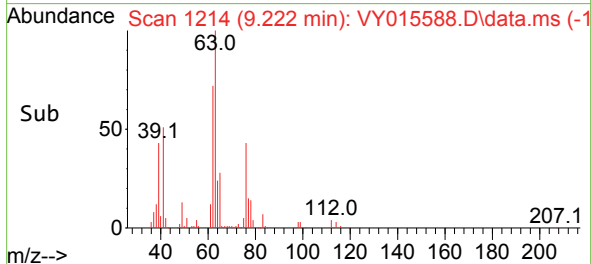
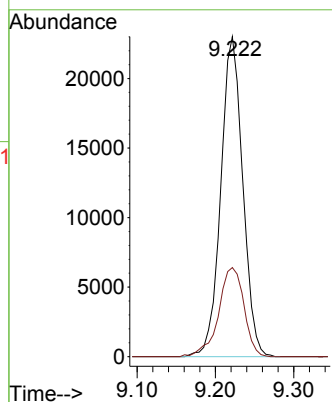
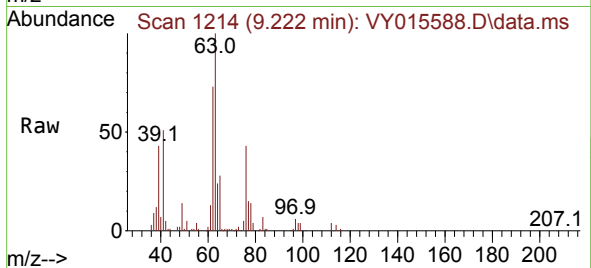
ClientSampleId :

Tgt Ion: 63 Resp: 44832

Ion Ratio Lower Upper

63 100

65 27.8 23.8 35.6



#46

Dibromomethane

Concen: 20.684 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.018 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

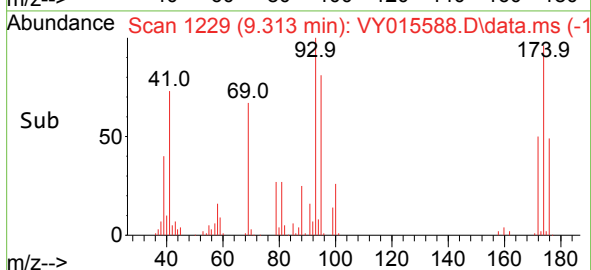
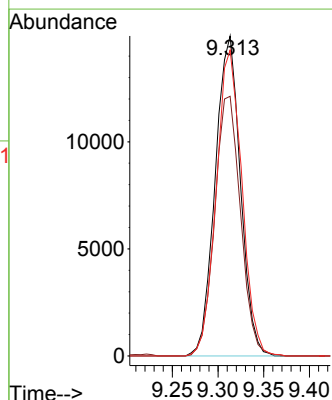
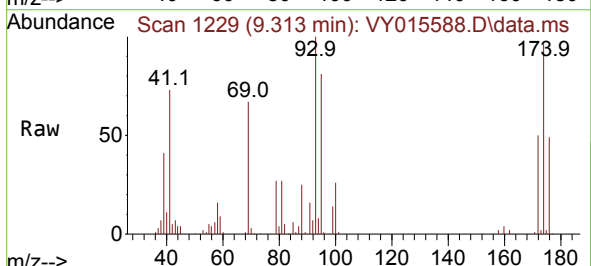
Tgt Ion: 93 Resp: 28621

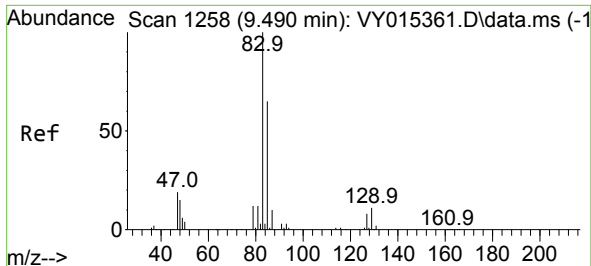
Ion Ratio Lower Upper

93 100

95 83.2 66.6 100.0

174 97.4 84.8 127.2

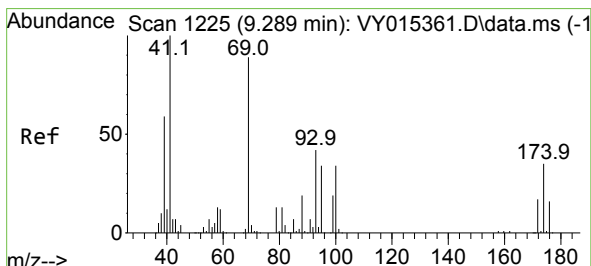
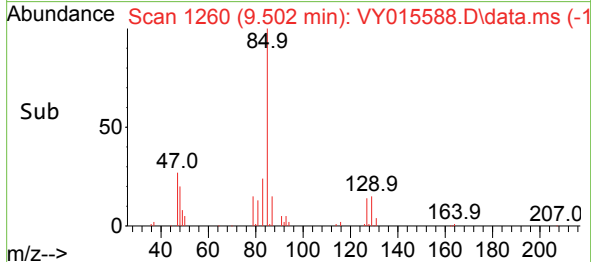
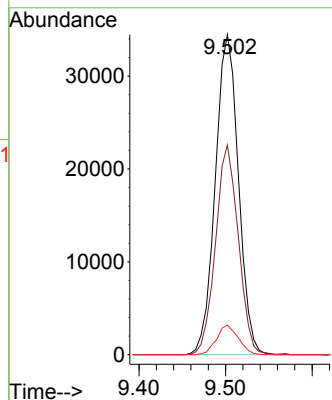
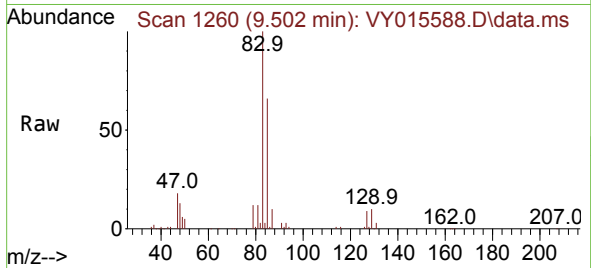




#47
Bromodichloromethane
Concen: 21.611 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

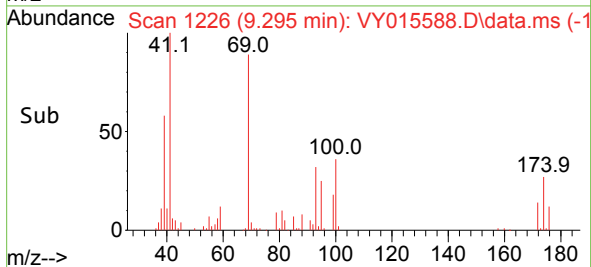
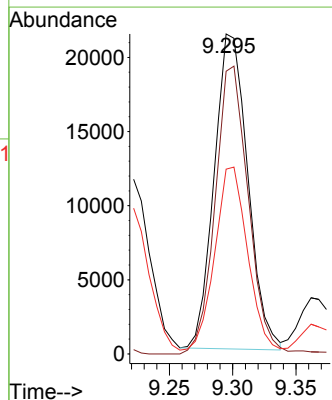
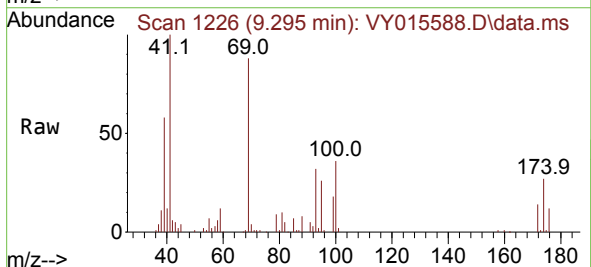
Instrument :
MSVOA_Y
ClientSampleId :

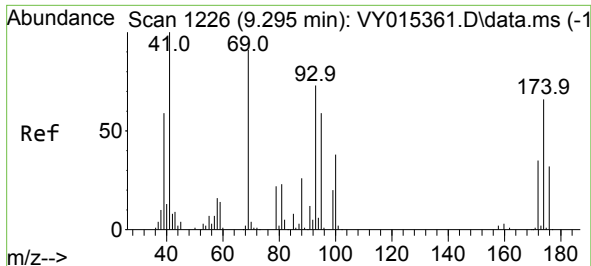
Tgt Ion: 83 Resp: 63952
Ion Ratio Lower Upper
83 100
85 65.6 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 21.657 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 41 Resp: 39250
Ion Ratio Lower Upper
41 100
69 91.0 64.5 96.7
39 59.1 50.8 76.2





#49

1,4-Dioxane

Concen: 442.562 ug/l

RT: 9.319 min Scan# 11

Delta R.T. 0.031 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

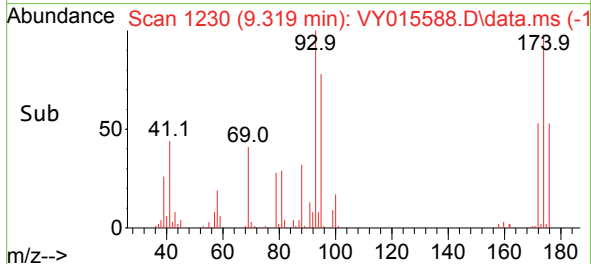
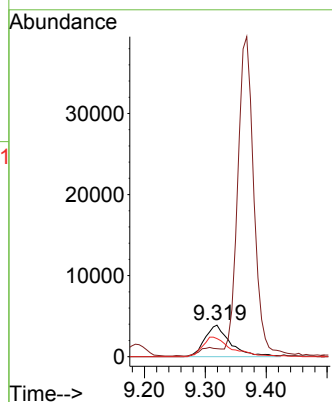
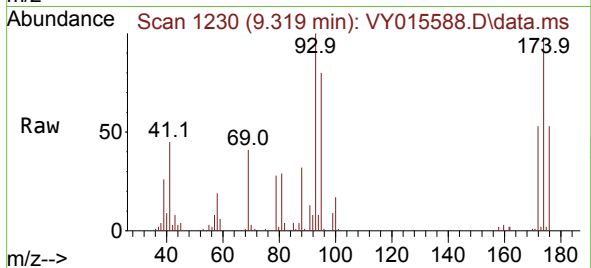
Tgt Ion: 88 Resp: 11375

Ion Ratio Lower Upper

88 100

43 21.3 0.0 0.0#

58 70.5 30.9 46.3#



#50

Toluene-d8

Concen: 47.690 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY015588.D

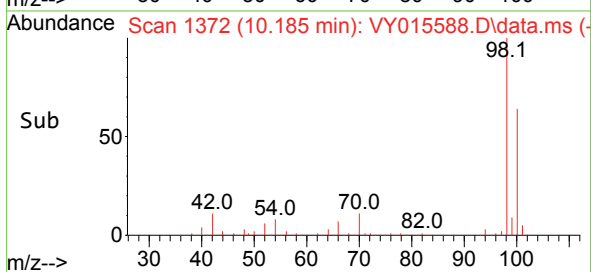
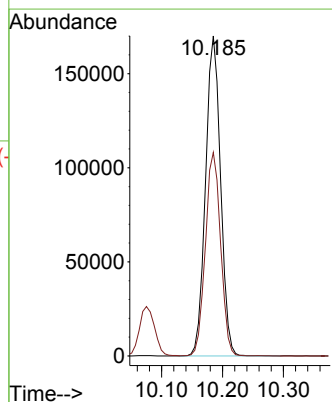
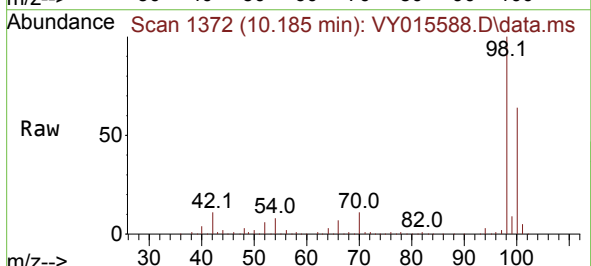
Acq: 15 Sep 2023 23:38

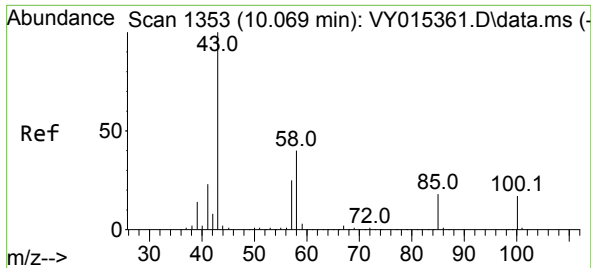
Tgt Ion: 98 Resp: 291320

Ion Ratio Lower Upper

98 100

100 64.3 50.1 75.1

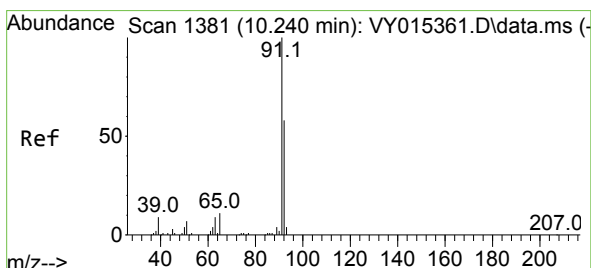
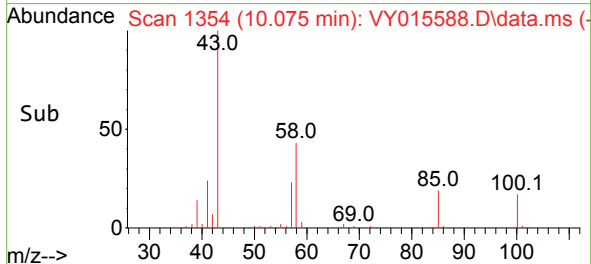
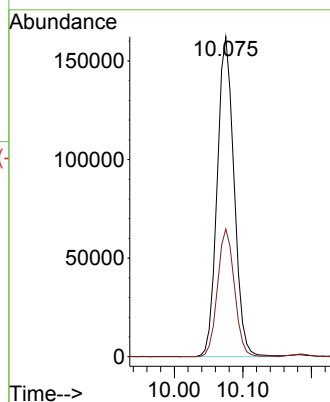
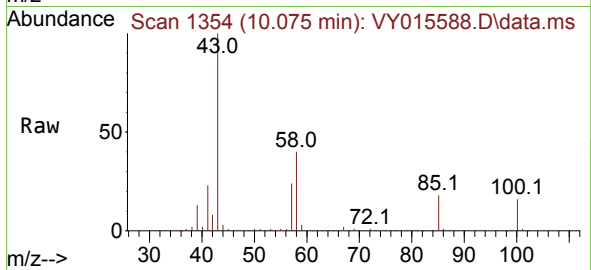




#51
4-Methyl-2-Pentanone
Concen: 120.581 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

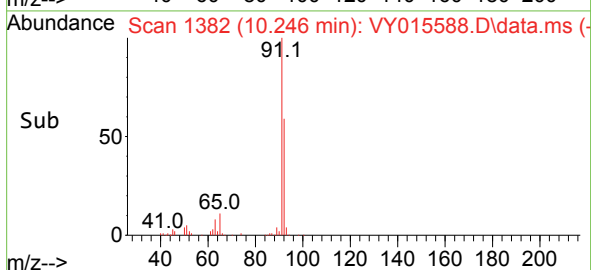
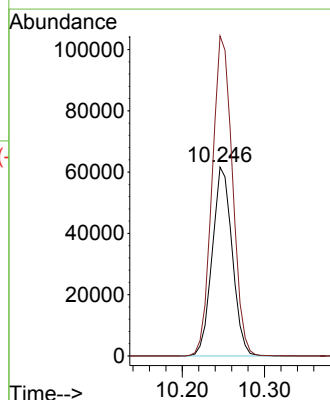
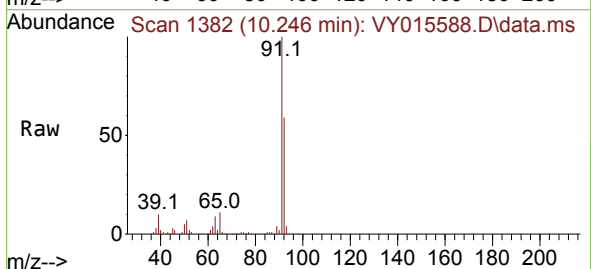
Instrument :
MSVOA_Y
ClientSampleId :

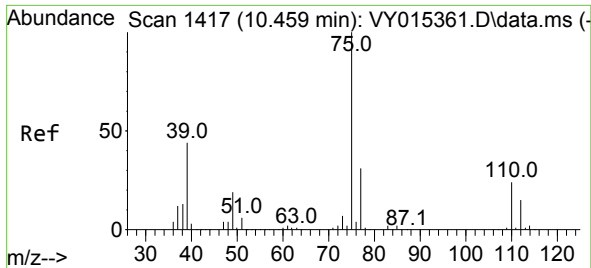
Tgt Ion: 43 Resp: 276842
Ion Ratio Lower Upper
43 100
58 40.0 29.0 43.6



#52
Toluene
Concen: 19.667 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 92 Resp: 104167
Ion Ratio Lower Upper
92 100
91 172.4 143.8 215.6

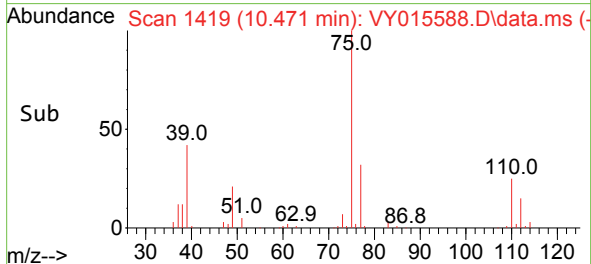
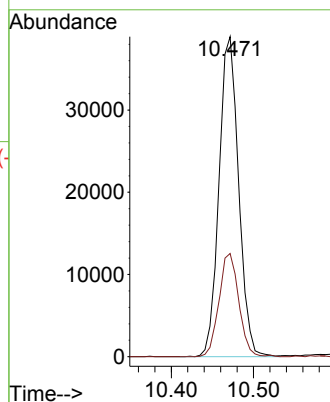
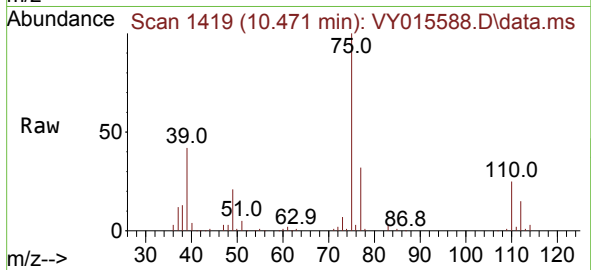




#53
 t-1,3-Dichloropropene
 Concen: 20.507 ug/l
 RT: 10.471 min Scan# 1417
 Delta R.T. 0.012 min
 Lab File: VY015588.D
 Acq: 15 Sep 2023 23:38

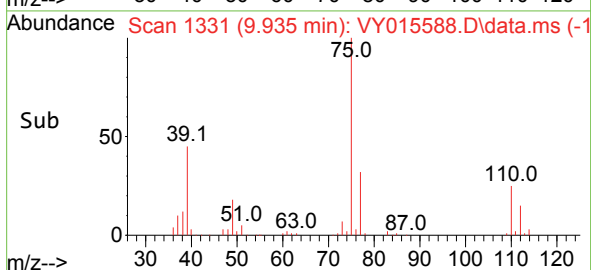
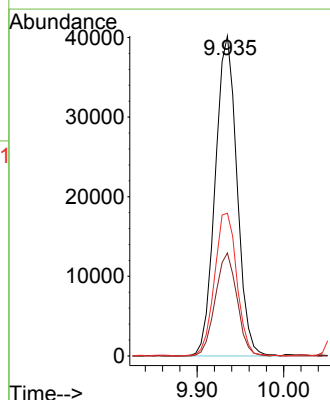
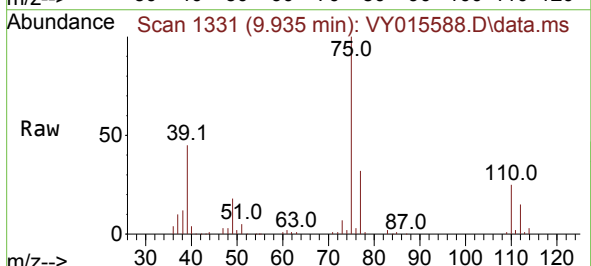
Instrument :
 MSVOA_Y
 ClientSampleId :

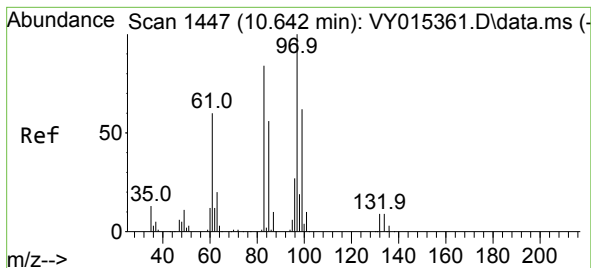
Tgt Ion: 75 Resp: 64493
 Ion Ratio Lower Upper
 75 100
 77 32.2 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.462 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.012 min
 Lab File: VY015588.D
 Acq: 15 Sep 2023 23:38

Tgt Ion: 75 Resp: 70000
 Ion Ratio Lower Upper
 75 100
 77 32.2 24.2 36.4
 39 44.6 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 22.646 ug/l

RT: 10.648 min Scan# 1447

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 42224

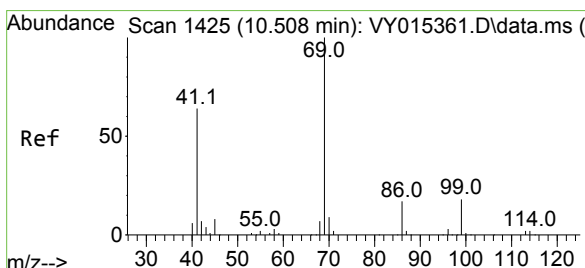
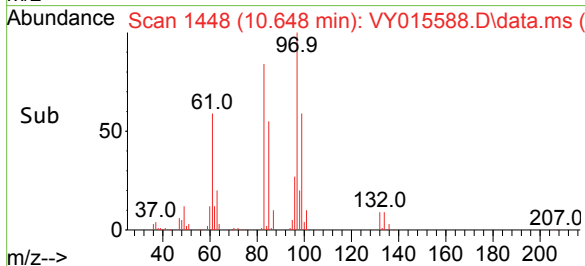
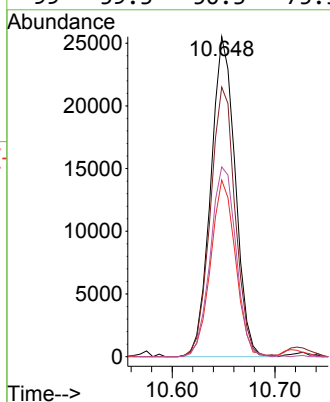
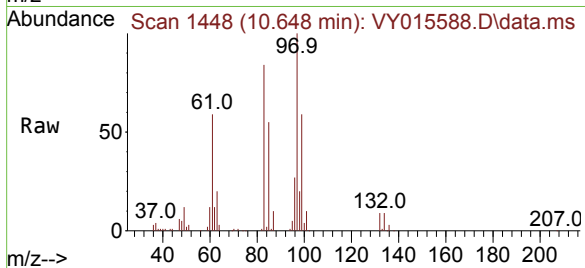
Ion Ratio Lower Upper

97 100

83 84.2 72.0 108.0

85 55.2 45.4 68.0

99 59.3 50.3 75.5



#56

Ethyl methacrylate

Concen: 22.107 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

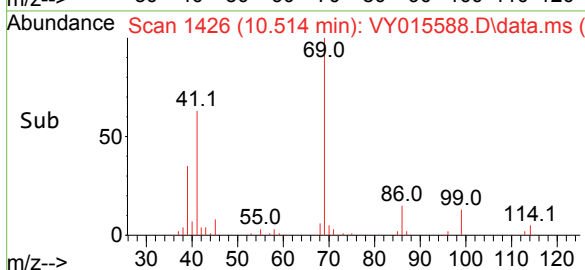
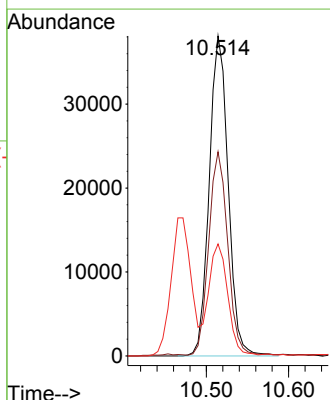
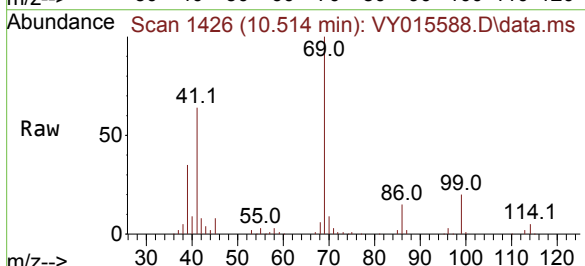
Tgt Ion: 69 Resp: 61081

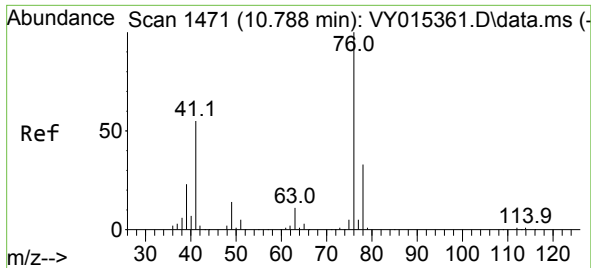
Ion Ratio Lower Upper

69 100

41 63.7 57.6 86.4

39 35.4 34.1 51.1

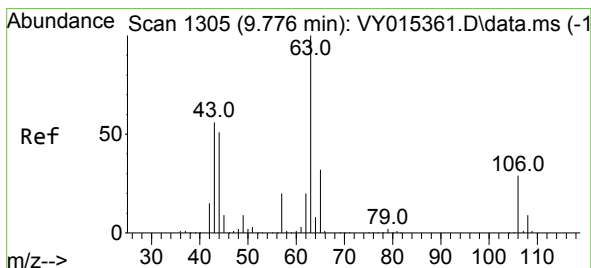
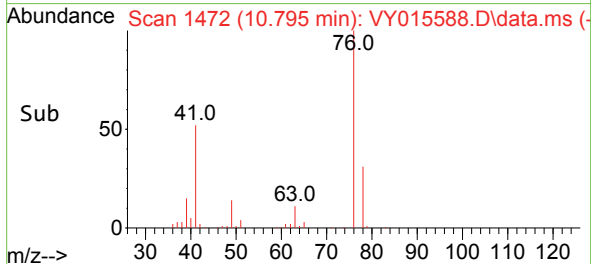
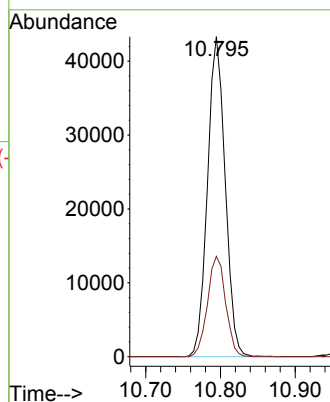
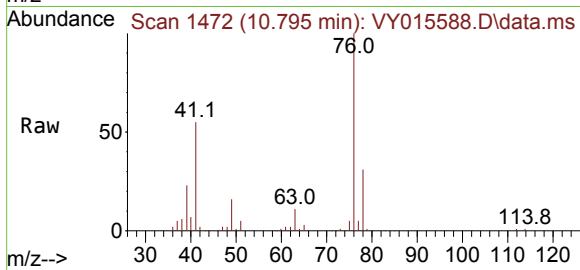




#57
1,3-Dichloropropane
Concen: 22.141 ug/l
RT: 10.795 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

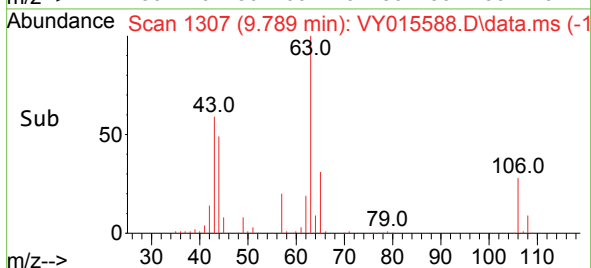
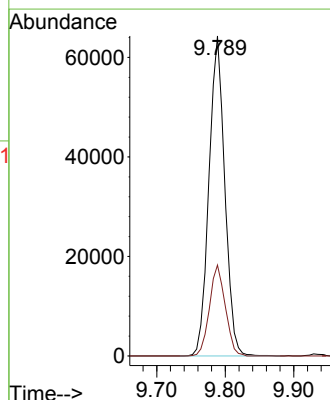
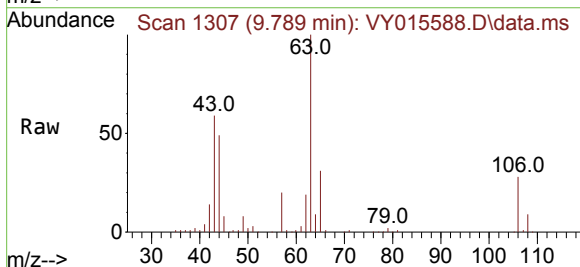
Instrument :
MSVOA_Y
ClientSampleId :

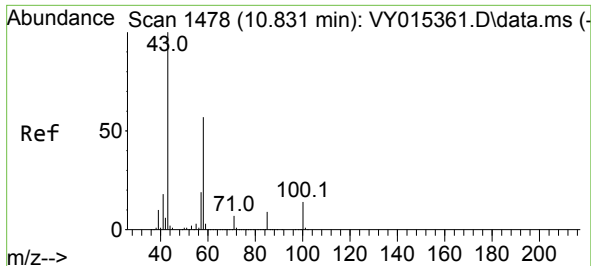
Tgt Ion: 76 Resp: 71060
Ion Ratio Lower Upper
76 100
78 32.2 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 104.640 ug/l
RT: 9.789 min Scan# 1307
Delta R.T. 0.012 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 63 Resp: 103196
Ion Ratio Lower Upper
63 100
106 28.4 21.2 31.8

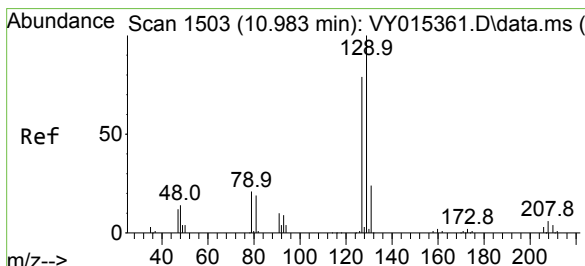
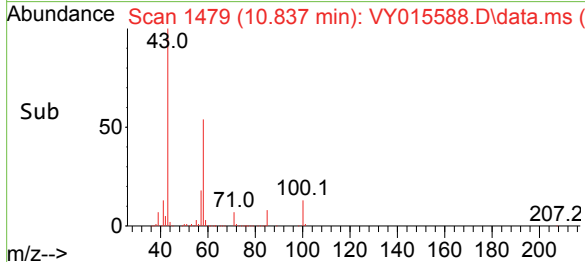
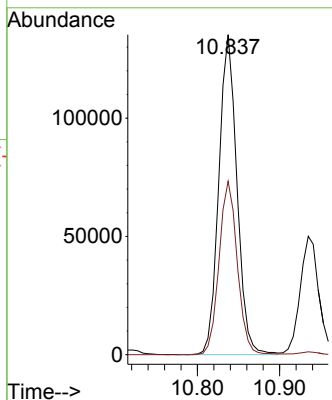
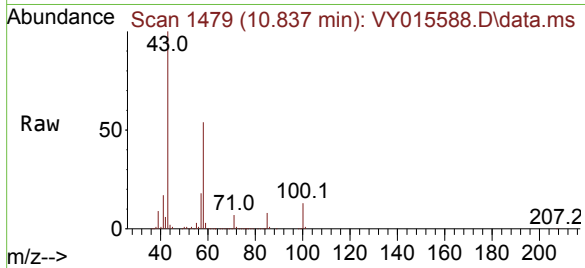




#59
2-Hexanone
Concen: 120.524 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

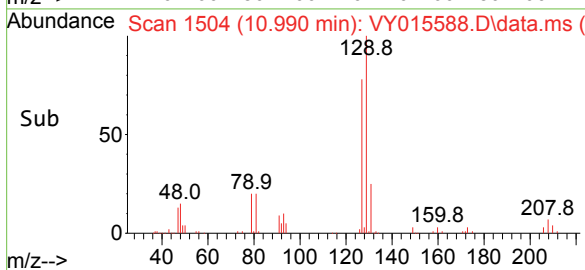
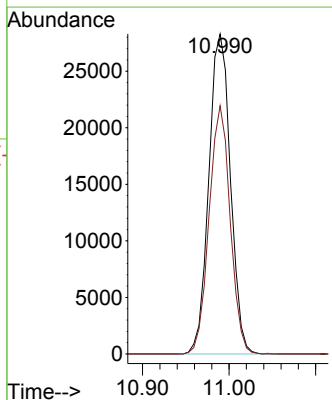
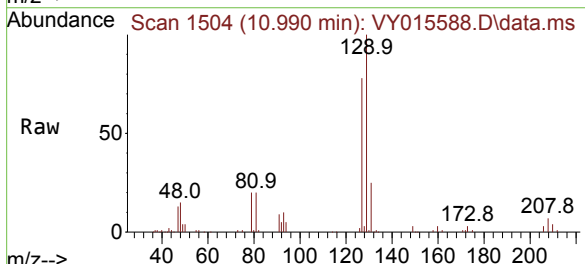
Instrument :
MSVOA_Y
ClientSampleId :

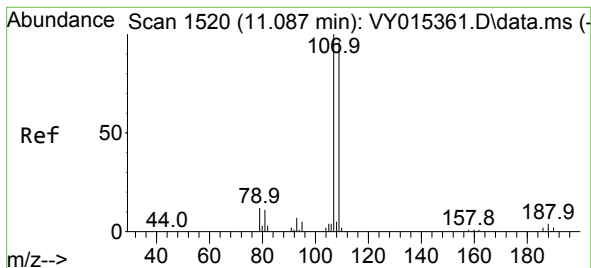
Tgt Ion: 43 Resp: 207630
Ion Ratio Lower Upper
43 100
58 54.6 25.1 75.3



#60
Dibromochloromethane
Concen: 22.437 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion:129 Resp: 48963
Ion Ratio Lower Upper
129 100
127 75.6 38.5 115.5

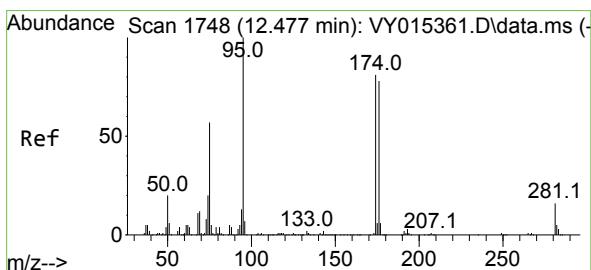
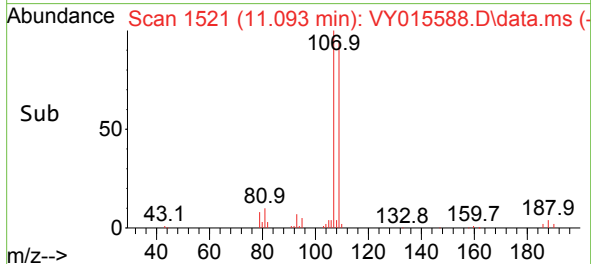
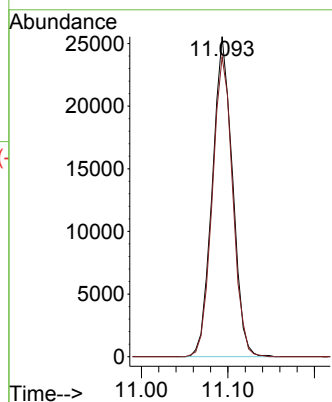
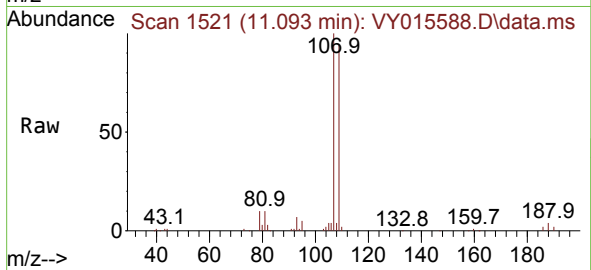




#61
1,2-Dibromoethane
Concen: 21.878 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

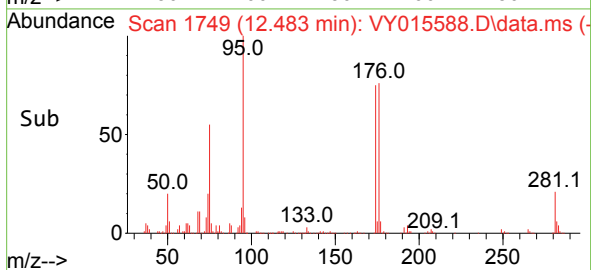
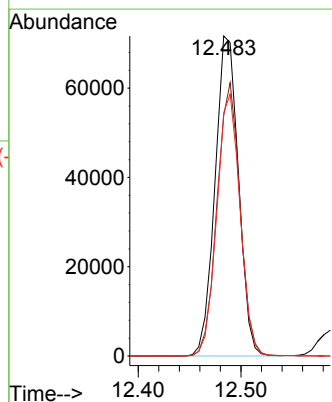
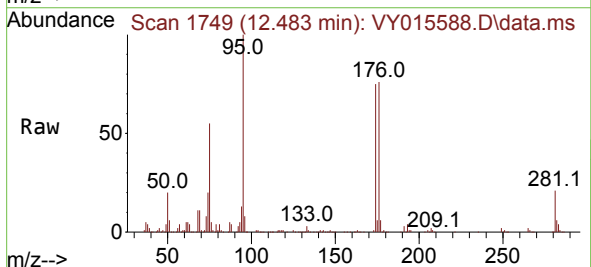
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 41333
Ion Ratio Lower Upper
107 100
109 94.6 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 49.951 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 95 Resp: 113276
Ion Ratio Lower Upper
95 100
174 83.6 0.0 178.2
176 81.1 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.006 min

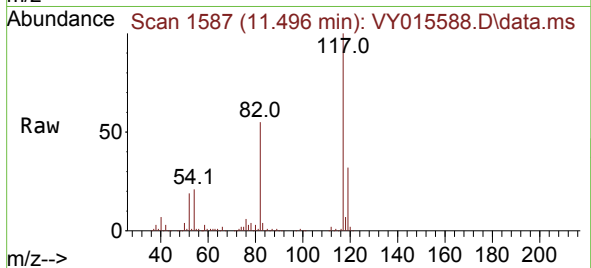
Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :



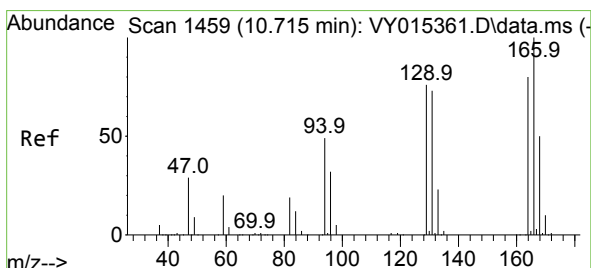
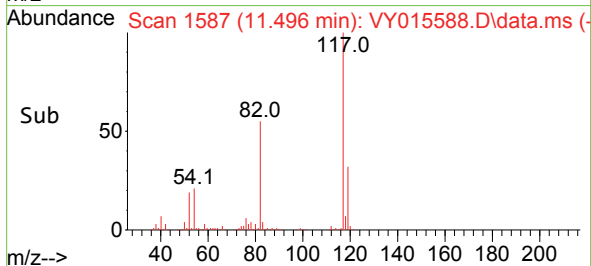
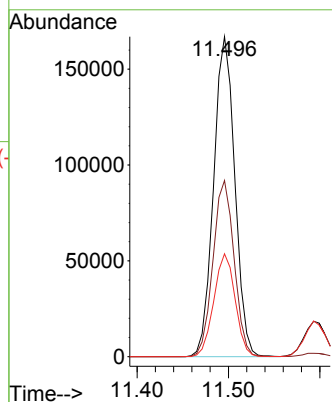
Tgt Ion:117 Resp: 269081

Ion Ratio Lower Upper

117 100

82 55.0 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 21.994 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.012 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Tgt Ion:164 Resp: 53718

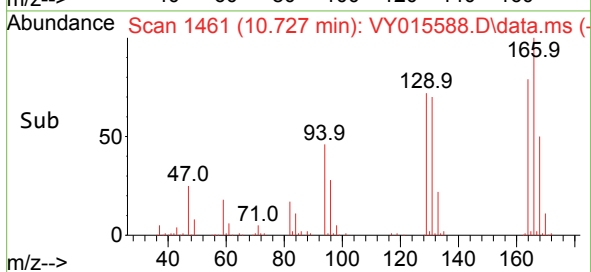
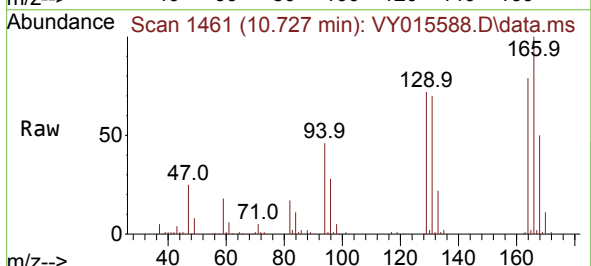
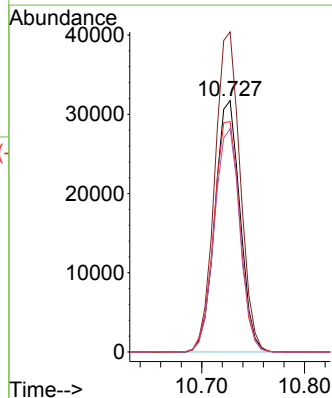
Ion Ratio Lower Upper

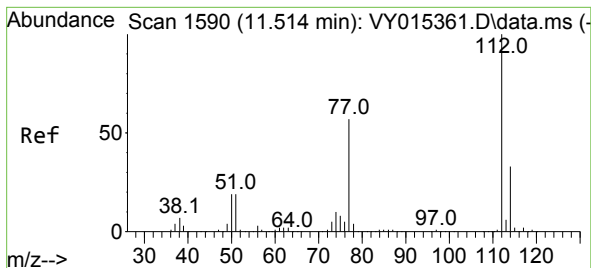
164 100

166 127.3 103.0 154.6

129 91.6 77.2 115.8

131 88.8 69.6 104.4





#65

Chlorobenzene

Concen: 20.188 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

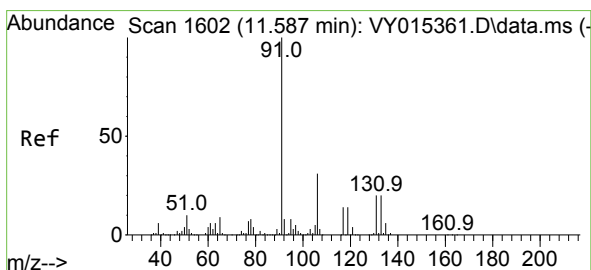
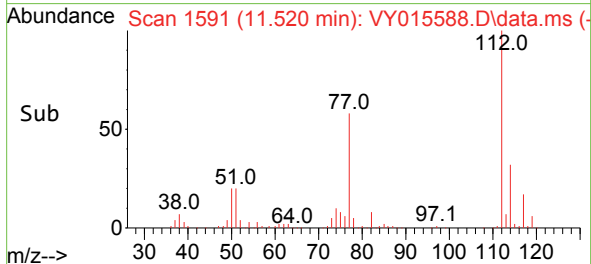
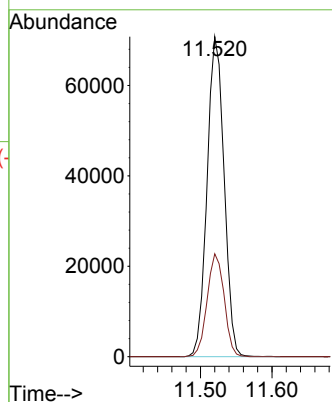
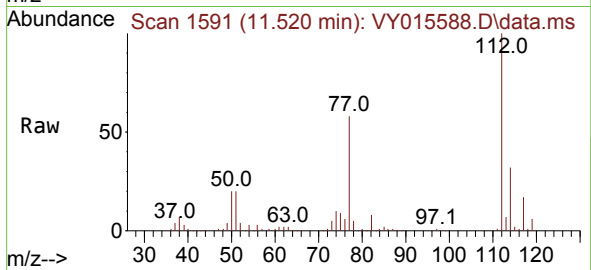
ClientSampleId :

Tgt Ion:112 Resp: 117057

Ion Ratio Lower Upper

112 100

114 32.2 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 21.180 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

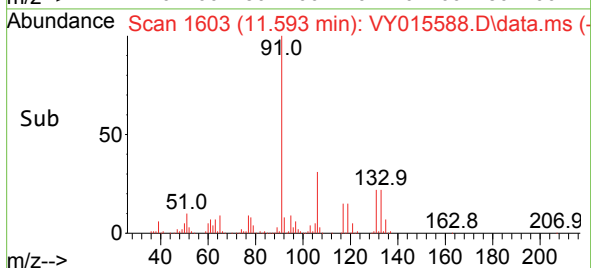
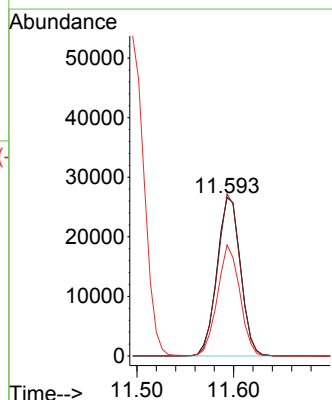
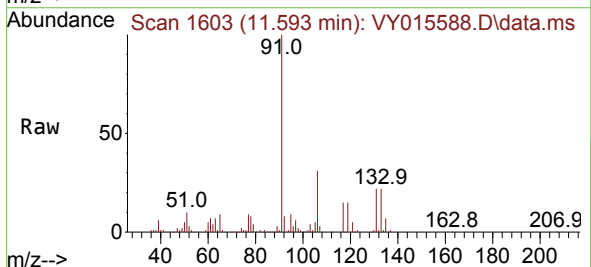
Tgt Ion:131 Resp: 44950

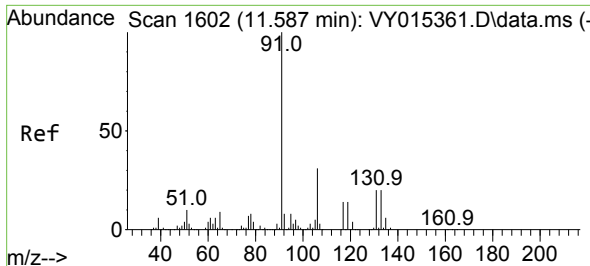
Ion Ratio Lower Upper

131 100

133 98.4 47.5 142.6

119 66.6 31.6 94.7





#67

Ethyl Benzene

Concen: 19.676 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

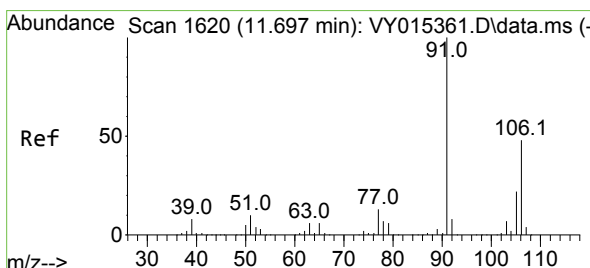
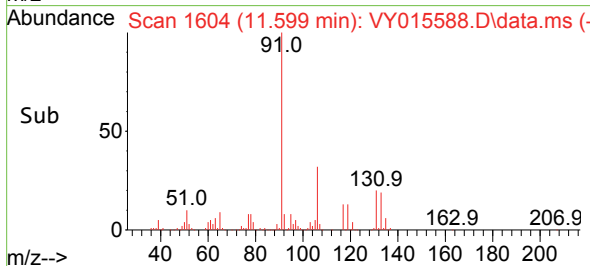
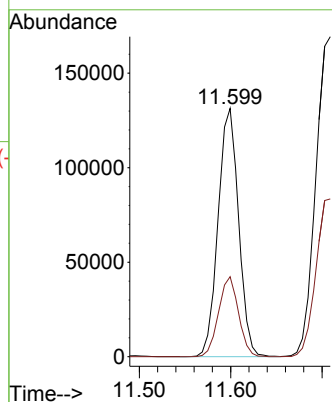
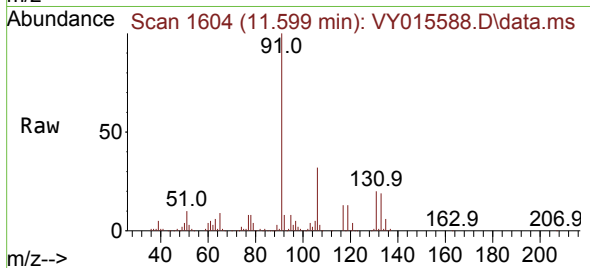
ClientSampleId :

Tgt Ion: 91 Resp: 204865

Ion Ratio Lower Upper

91 100

106 32.2 24.6 36.8



#68

m/p-Xylenes

Concen: 39.036 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015588.D

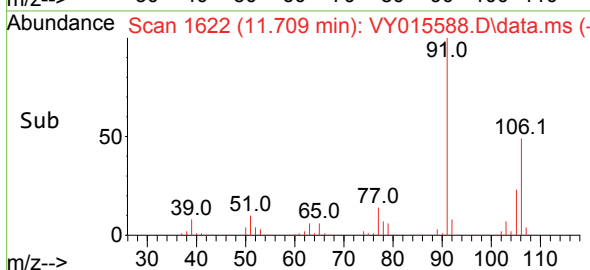
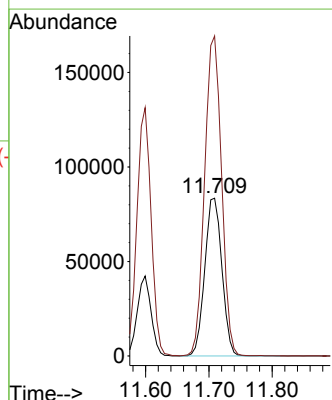
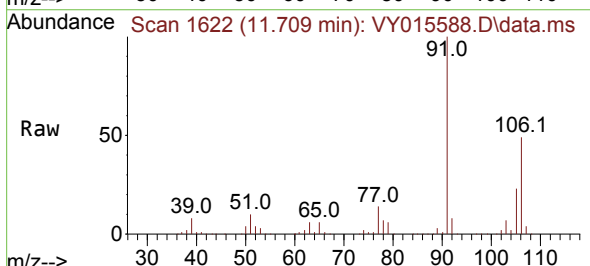
Acq: 15 Sep 2023 23:38

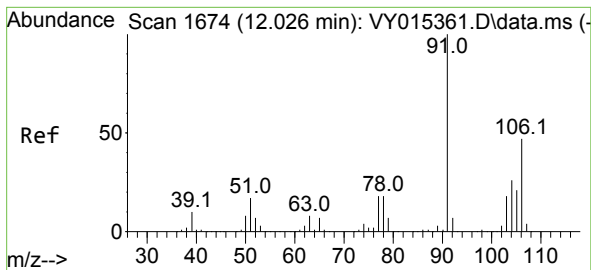
Tgt Ion:106 Resp: 157539

Ion Ratio Lower Upper

106 100

91 200.5 166.1 249.1





#69

o-Xylene

Concen: 19.981 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

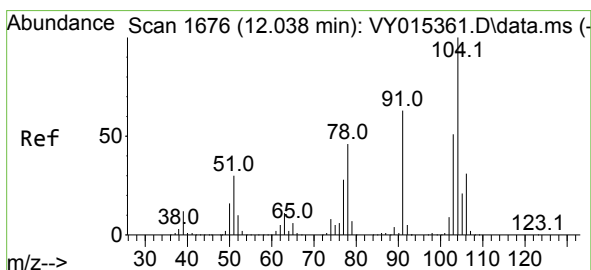
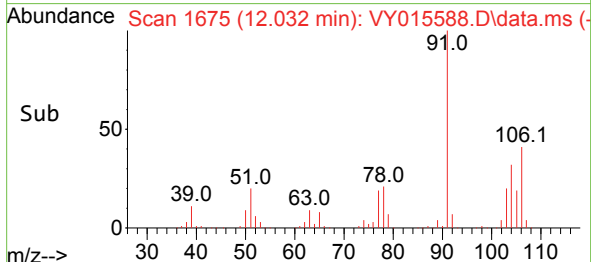
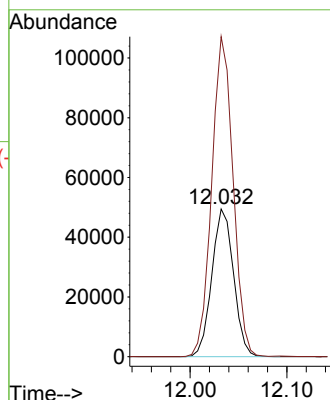
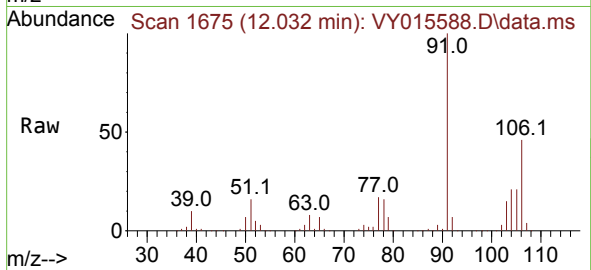
ClientSampleId :

Tgt Ion:106 Resp: 77066

Ion Ratio Lower Upper

106 100

91 213.3 108.1 324.3



#70

Styrene

Concen: 20.614 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

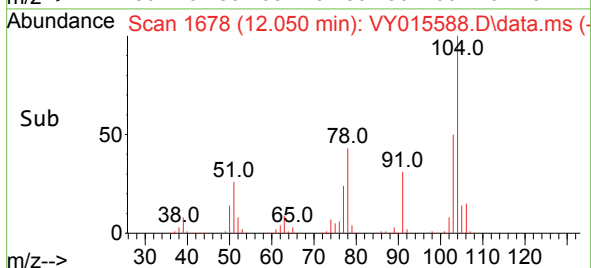
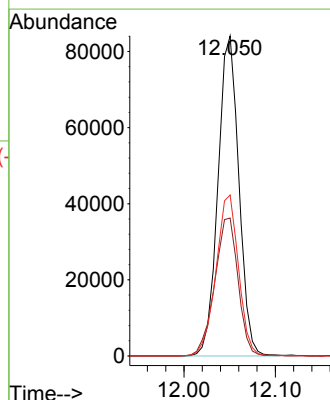
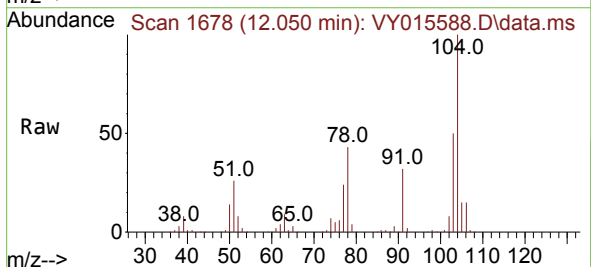
Tgt Ion:104 Resp: 133684

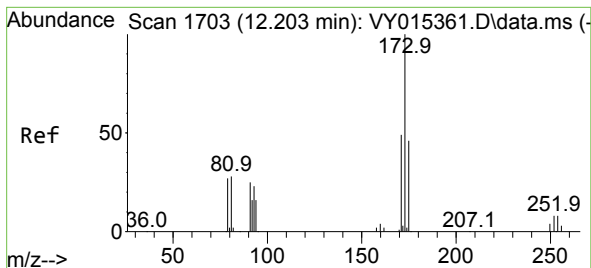
Ion Ratio Lower Upper

104 100

78 48.3 41.5 62.3

103 54.3 44.6 67.0





#71

Bromoform

Concen: 22.054 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015588.D

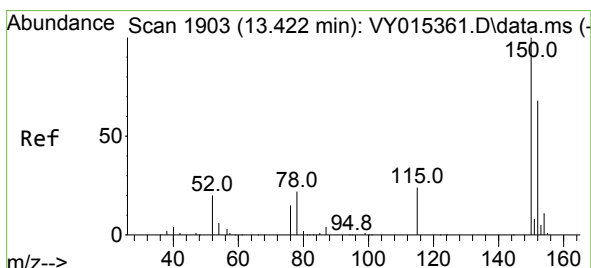
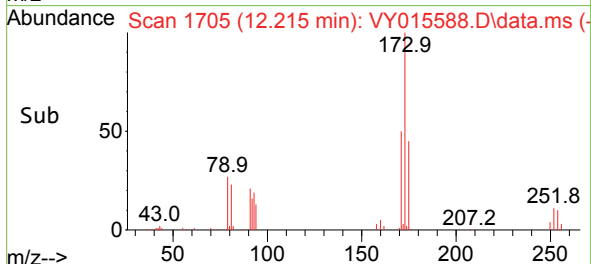
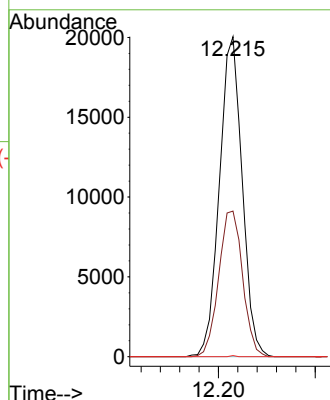
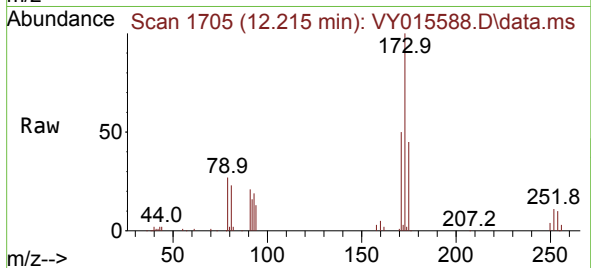
Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	32650
Ion Ratio	Lower	Upper
173	100	
175	47.8	24.6 73.8
254	0.1	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

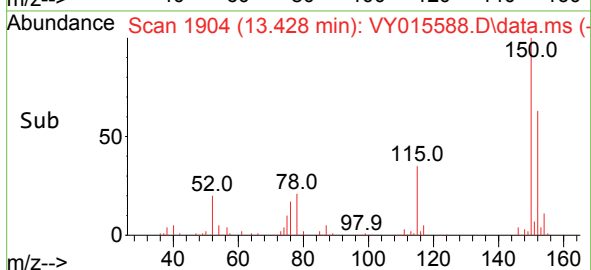
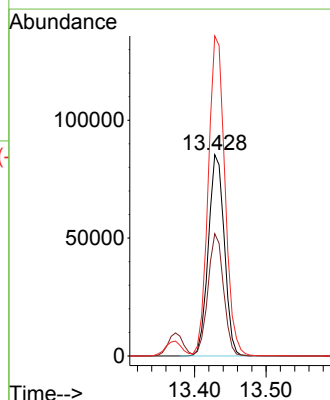
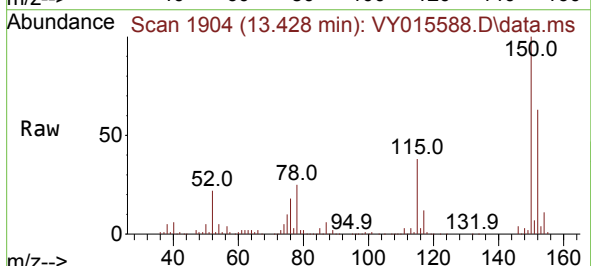
RT: 13.428 min Scan# 1904

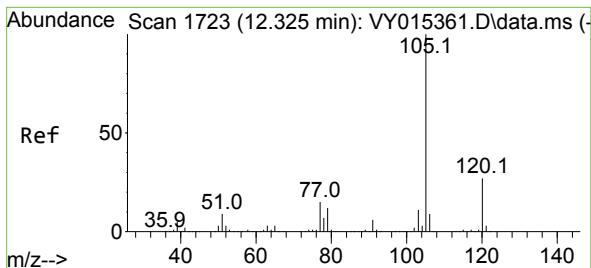
Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Tgt Ion:152	Resp:	132629
Ion Ratio	Lower	Upper
152	100	
115	59.4	28.8 86.5
150	165.2	0.0 348.8





#73

Isopropylbenzene

Concen: 20.496 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

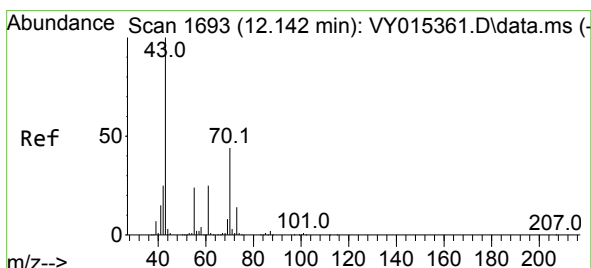
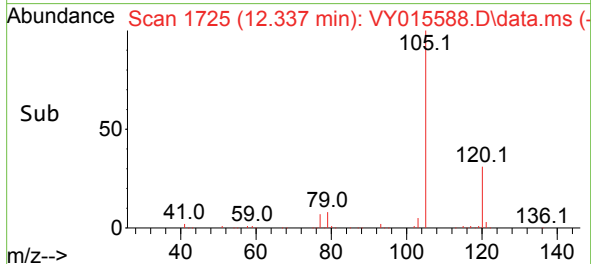
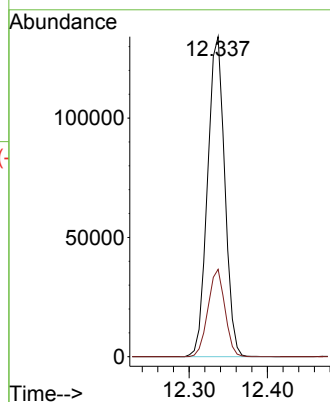
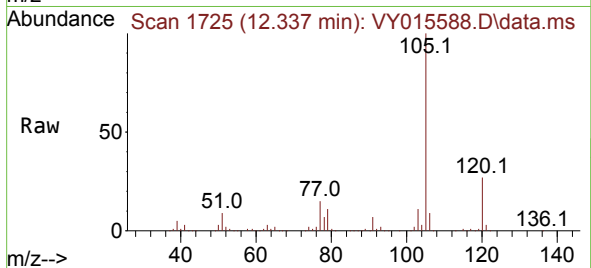
ClientSampleId :

Tgt Ion:105 Resp: 204184

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 22.380 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Tgt Ion: 43 Resp: 74903

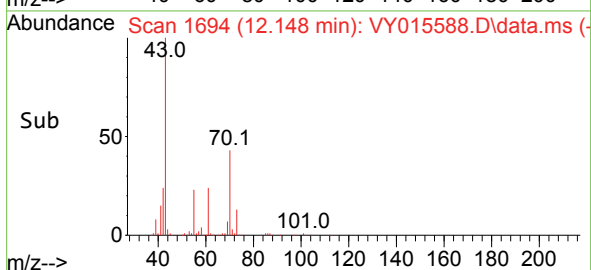
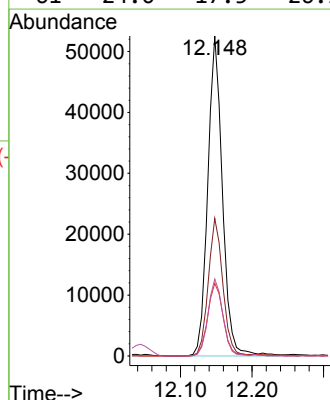
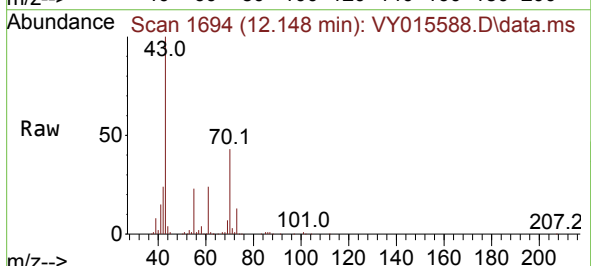
Ion Ratio Lower Upper

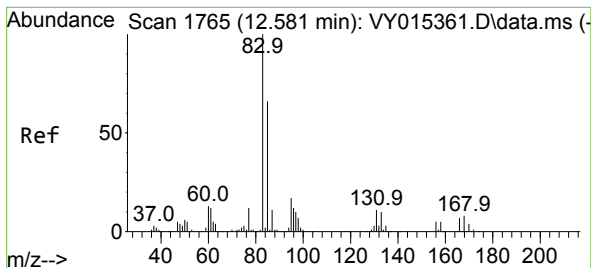
43 100

70 43.4 29.7 44.5

55 24.1 18.3 27.5

61 24.0 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 23.025 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

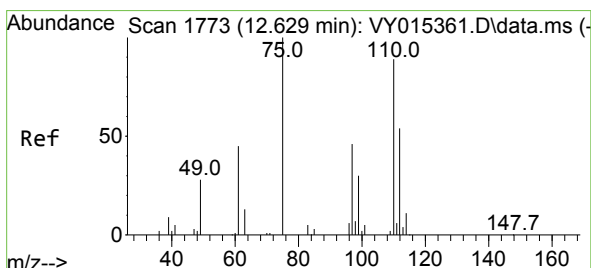
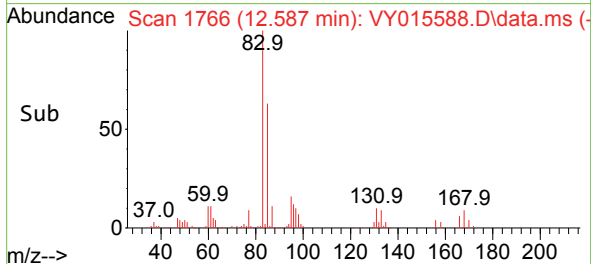
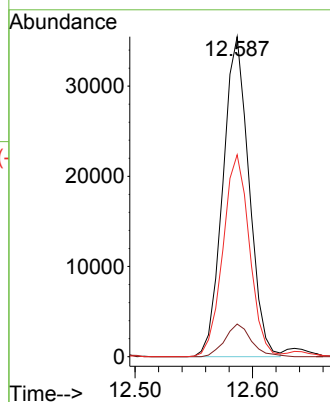
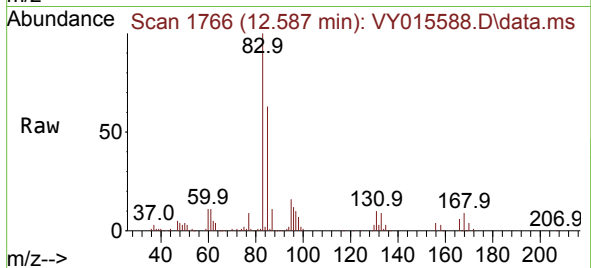
Tgt Ion: 83 Resp: 54758

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 41.263 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY015588.D

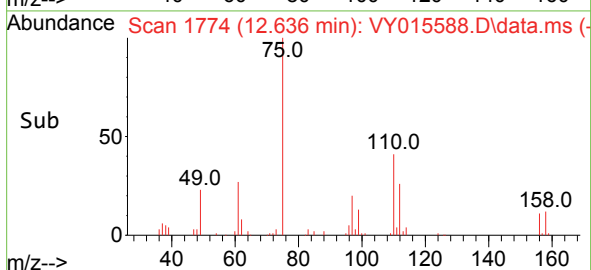
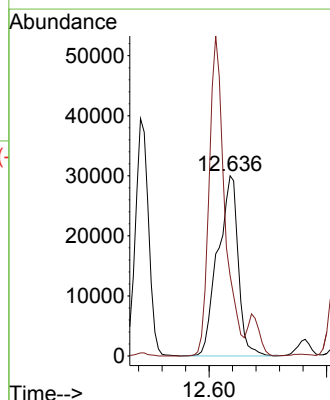
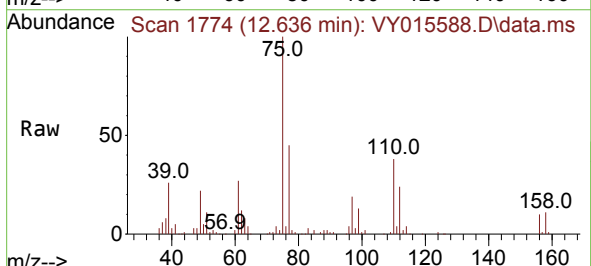
Acq: 15 Sep 2023 23:38

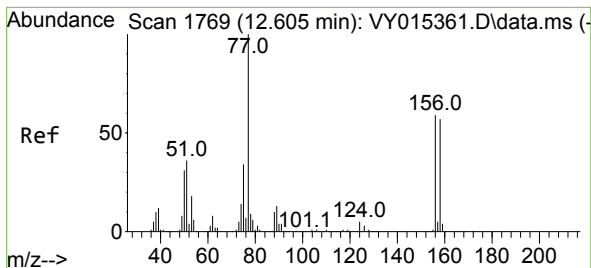
Tgt Ion: 75 Resp: 72574

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.422 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY015588.D

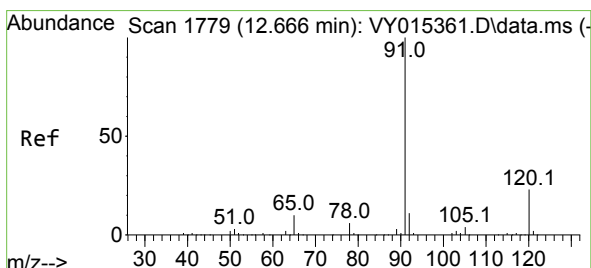
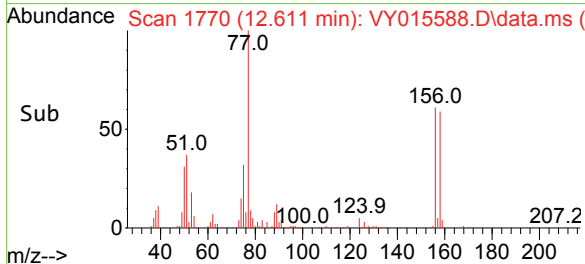
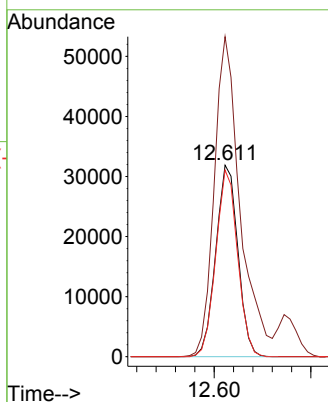
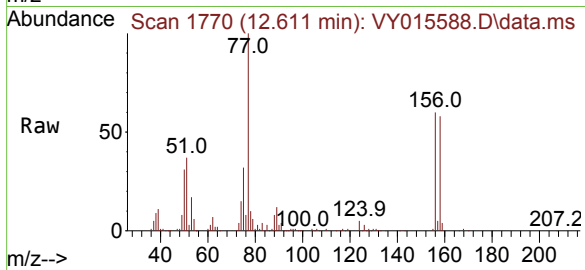
Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	50546
Ion Ratio	Lower	Upper	
156	100		
77	196.0	92.8	278.6
158	95.9	48.4	145.3



#78

n-propylbenzene

Concen: 20.261 ug/l

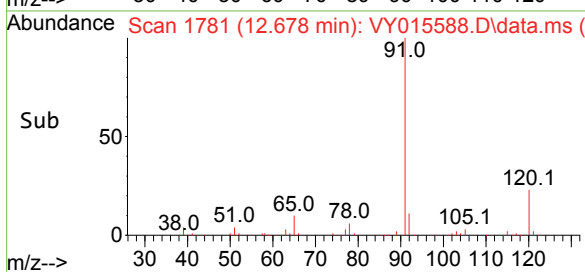
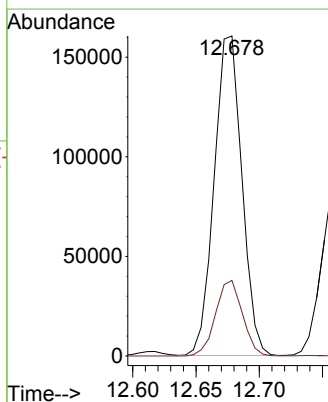
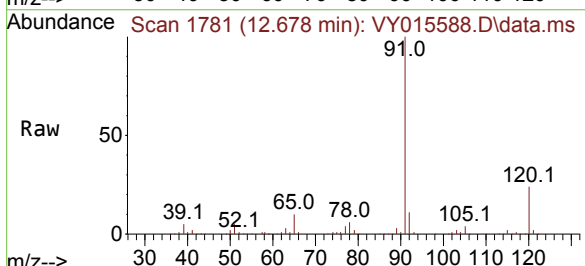
RT: 12.678 min Scan# 1781

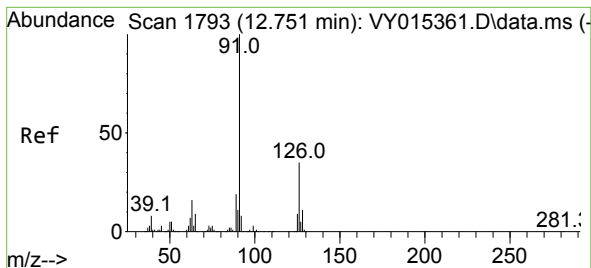
Delta R.T. 0.012 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Tgt Ion:	91	Resp:	244235
Ion Ratio	Lower	Upper	
91	100		
120	22.9	11.5	34.4

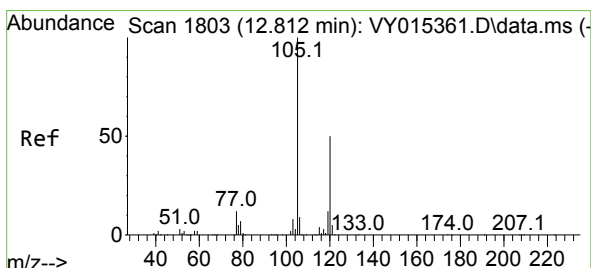
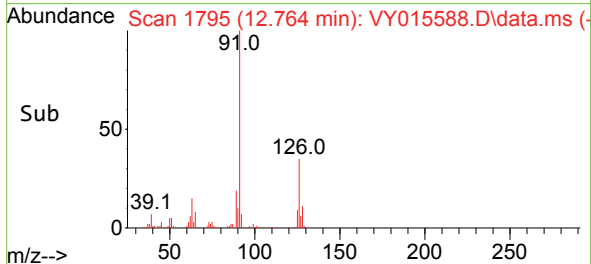
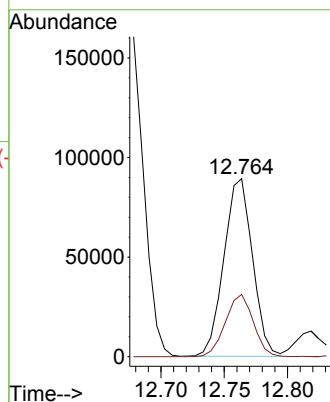
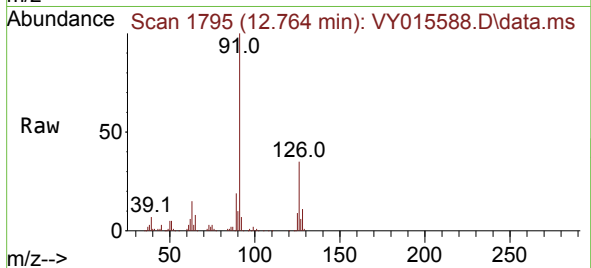




#79
2-Chlorotoluene
Concen: 20.781 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.012 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

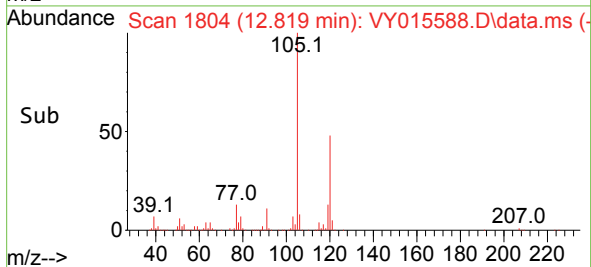
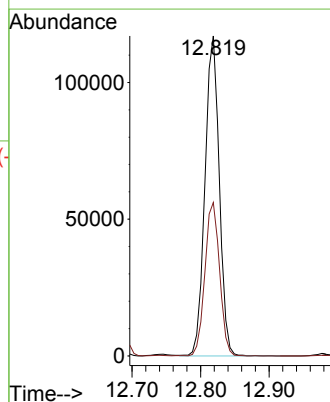
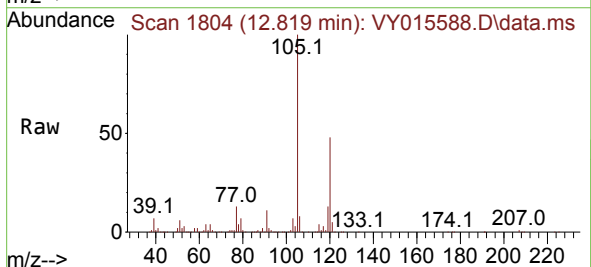
Instrument :
MSVOA_Y
ClientSampleId :

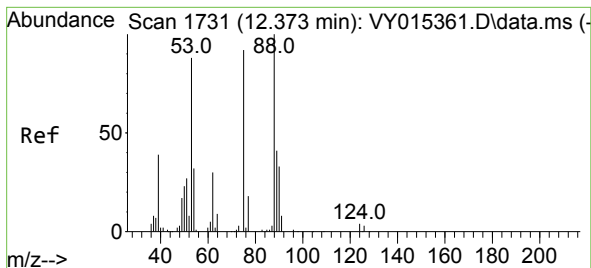
Tgt Ion: 91 Resp: 140503
Ion Ratio Lower Upper
91 100
126 34.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.471 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 105 Resp: 170581
Ion Ratio Lower Upper
105 100
120 49.1 23.9 71.7

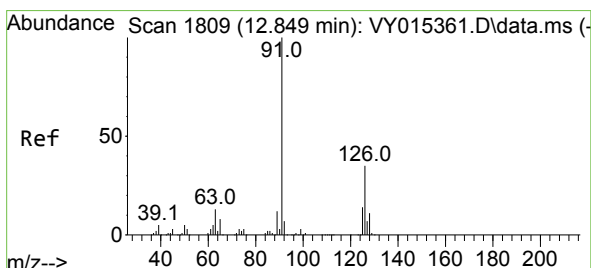
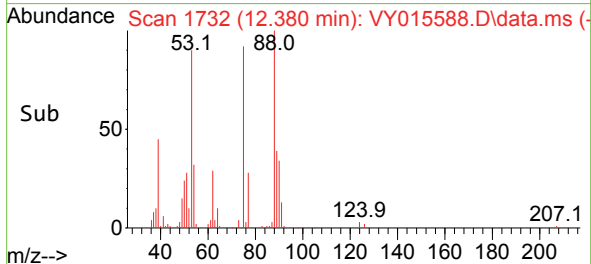
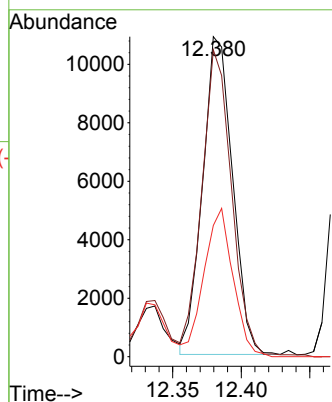
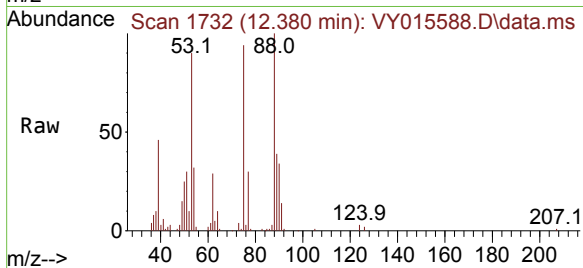




#81
trans-1,4-Dichloro-2-butene
Concen: 20.732 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

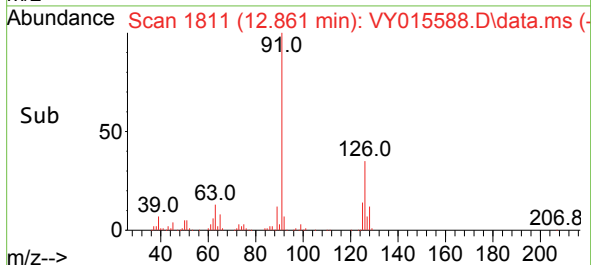
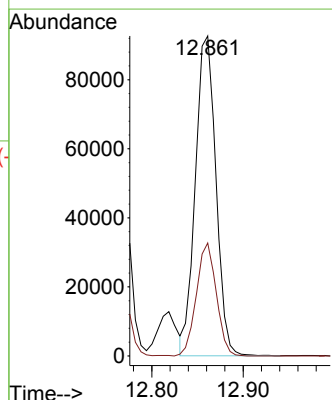
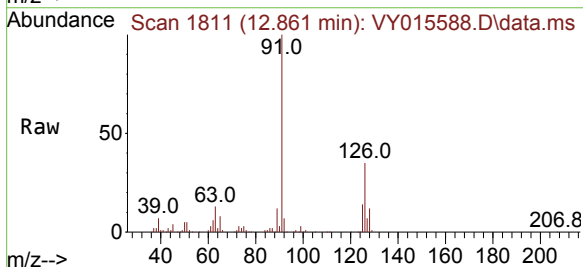
Instrument :
MSVOA_Y
ClientSampleId :

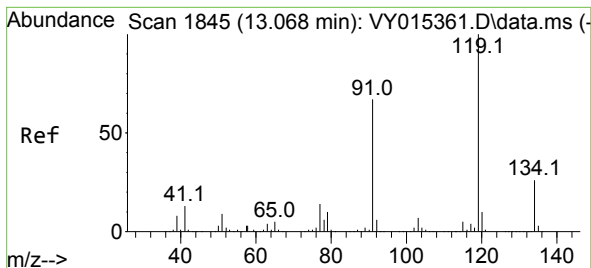
Tgt Ion: 75 Resp: 16530
Ion Ratio Lower Upper
75 100
53 96.8 77.8 116.8
89 45.5 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.607 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.012 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion: 91 Resp: 144804
Ion Ratio Lower Upper
91 100
126 34.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.413 ug/l

RT: 13.081 min Scan# 119

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

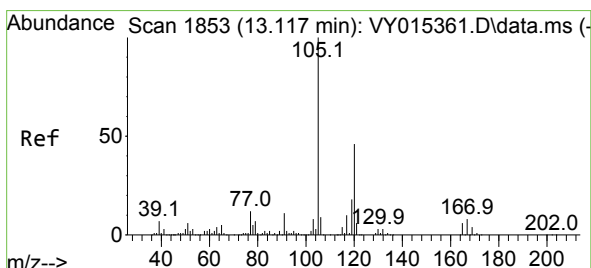
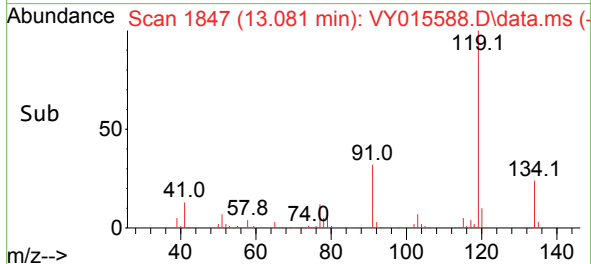
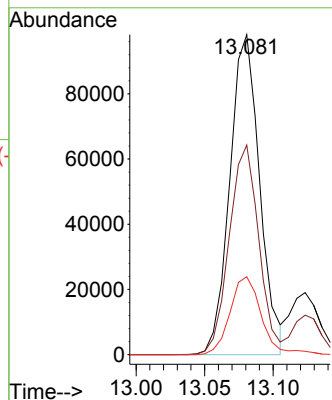
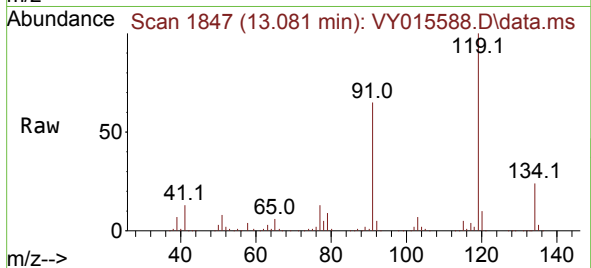
Tgt Ion:119 Resp: 148982

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 25.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.747 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY015588.D

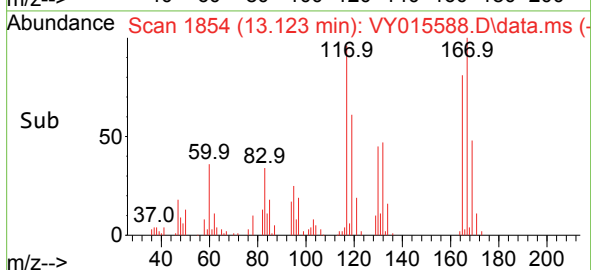
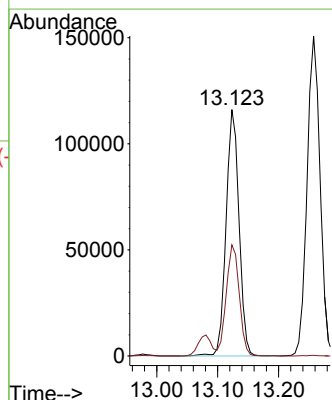
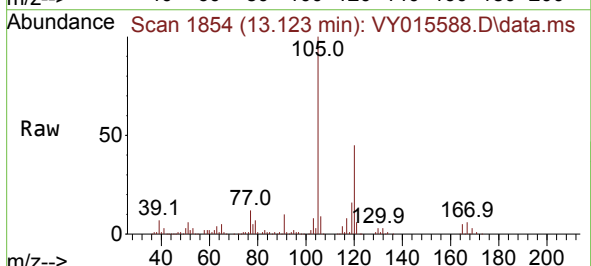
Acq: 15 Sep 2023 23:38

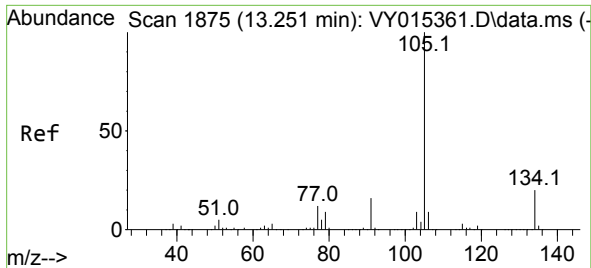
Tgt Ion:105 Resp: 171648

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6

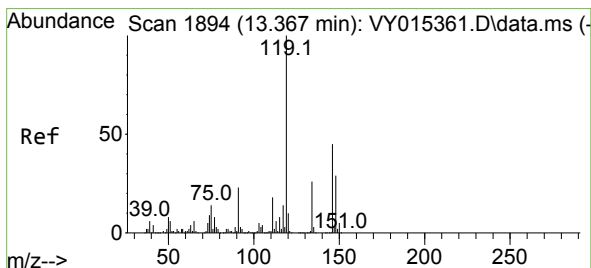
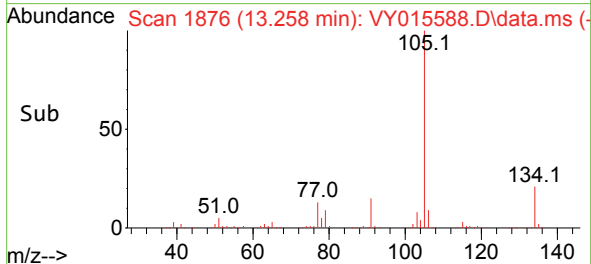
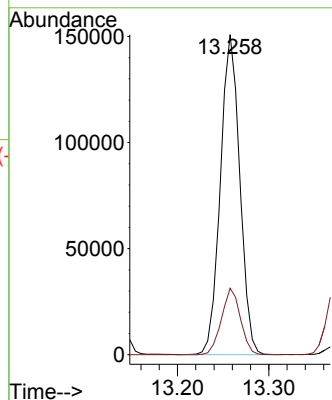
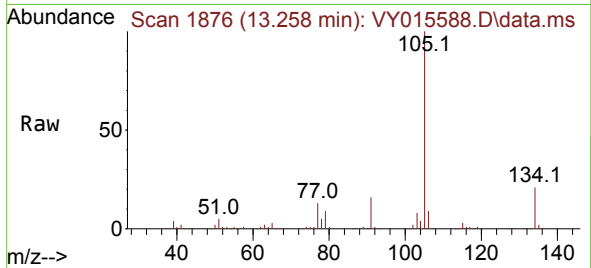




#85
 sec-Butylbenzene
 Concen: 20.499 ug/l
 RT: 13.258 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY015588.D
 Acq: 15 Sep 2023 23:38

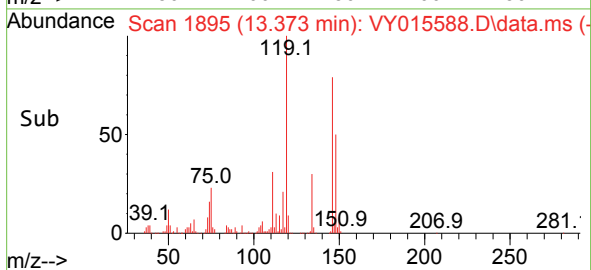
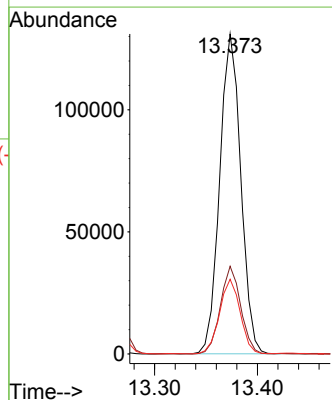
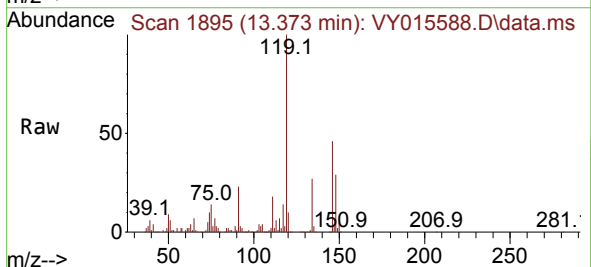
Instrument :
 MSVOA_Y
 ClientSampleId :

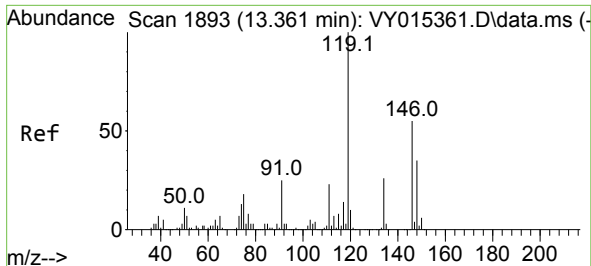
Tgt Ion:105 Resp: 223144
 Ion Ratio Lower Upper
 105 100
 134 20.2 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.426 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY015588.D
 Acq: 15 Sep 2023 23:38

Tgt Ion:119 Resp: 186357
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.3 39.8
 91 22.8 12.4 37.4

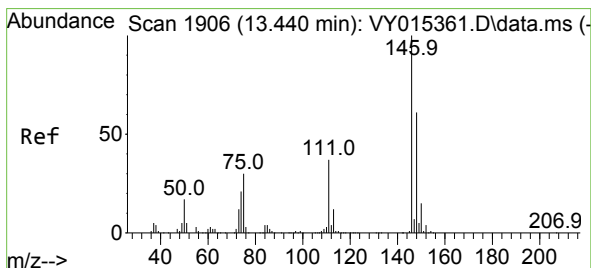
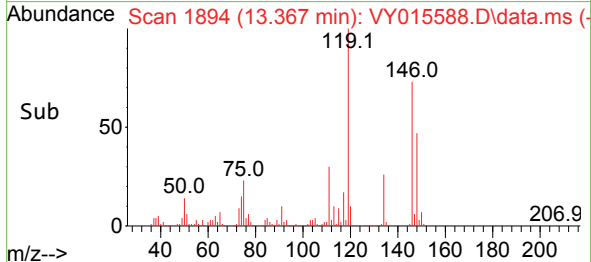
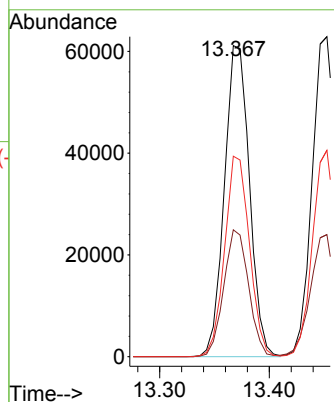
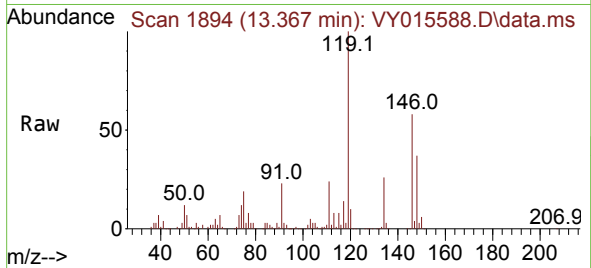




#87
1,3-Dichlorobenzene
Concen: 20.854 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

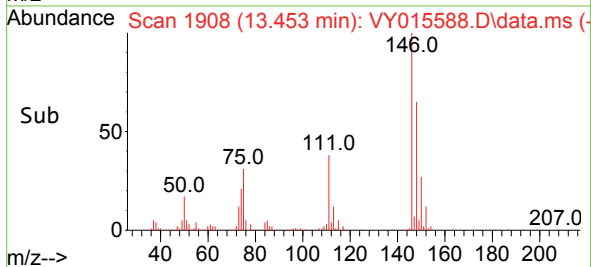
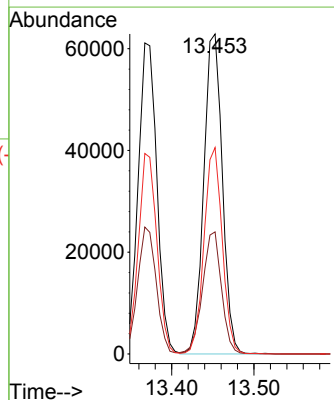
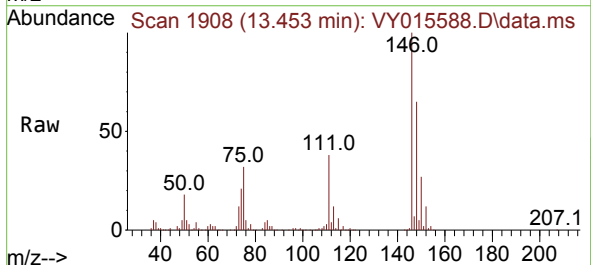
Instrument :
MSVOA_Y
ClientSampleId :

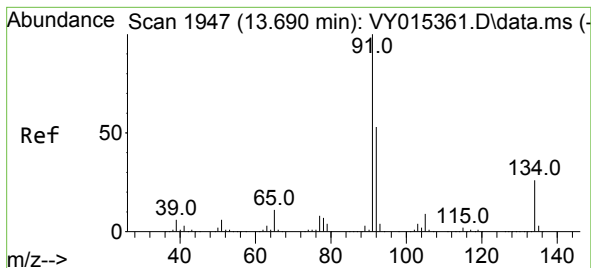
Tgt Ion:146 Resp: 97141
Ion Ratio Lower Upper
146 100
111 40.4 19.4 58.2
148 63.9 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.933 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.006 min
Lab File: VY015588.D
Acq: 15 Sep 2023 23:38

Tgt Ion:146 Resp: 98567
Ion Ratio Lower Upper
146 100
111 39.3 18.9 56.7
148 63.5 32.1 96.5





#89

n-Butylbenzene

Concen: 20.238 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

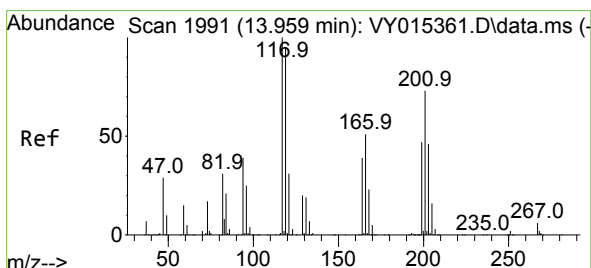
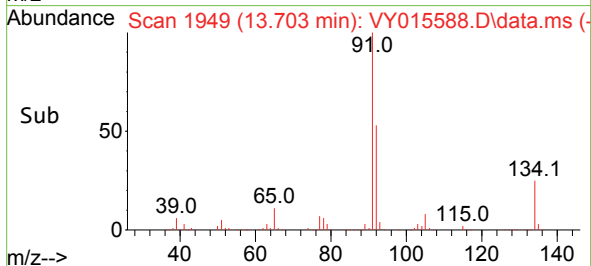
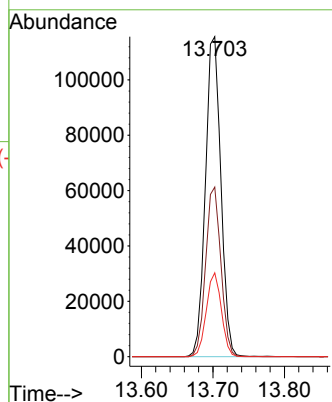
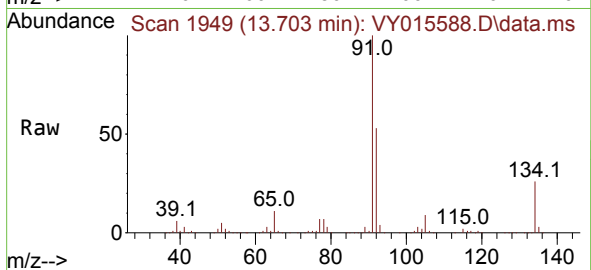
Tgt Ion: 91 Resp: 173785

Ion Ratio Lower Upper

91 100

92 52.4 25.4 76.0

134 25.5 12.6 37.6



#90

Hexachloroethane

Concen: 21.457 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY015588.D

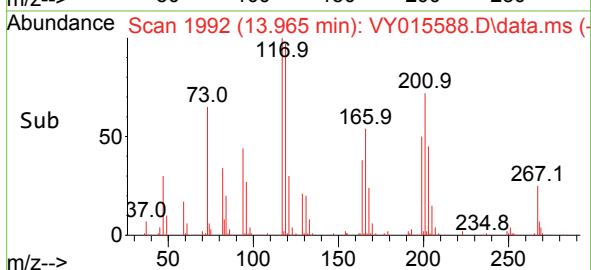
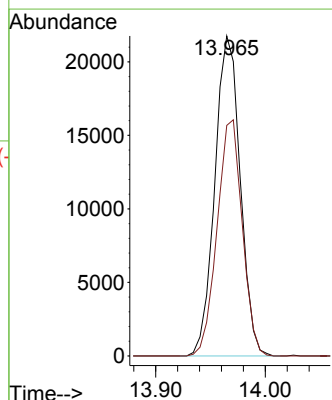
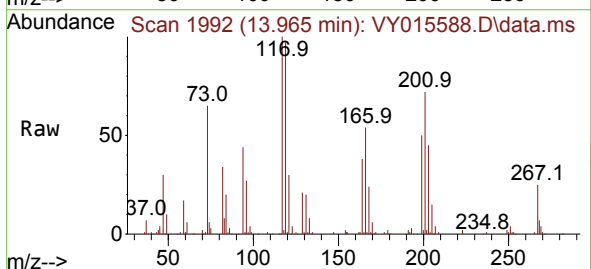
Acq: 15 Sep 2023 23:38

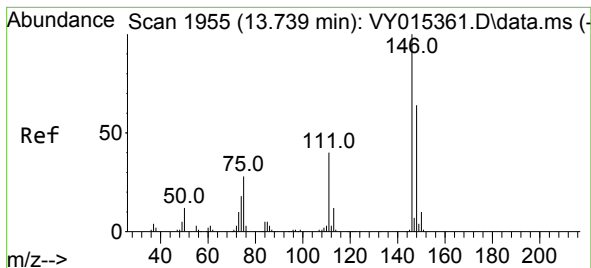
Tgt Ion: 117 Resp: 35013

Ion Ratio Lower Upper

117 100

201 73.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.832 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

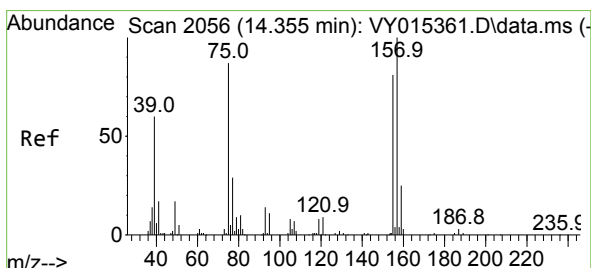
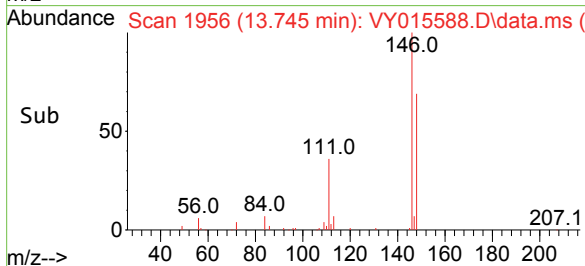
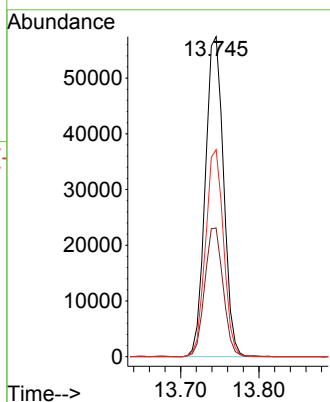
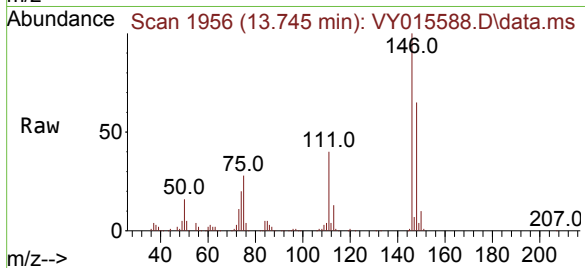
Tgt Ion:146 Resp: 92805

Ion Ratio Lower Upper

146 100

111 40.5 19.7 59.0

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 23.025 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

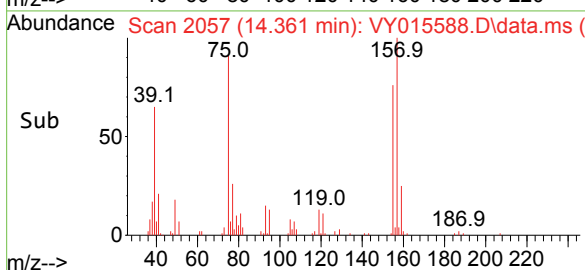
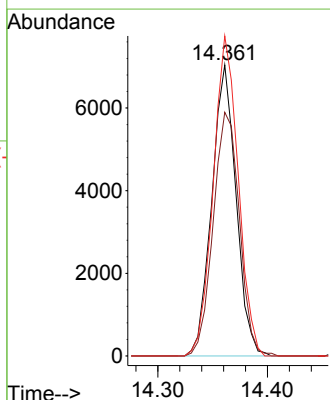
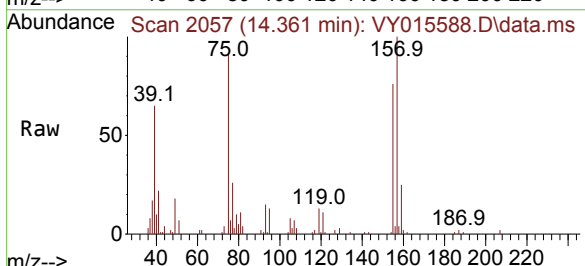
Tgt Ion: 75 Resp: 10832

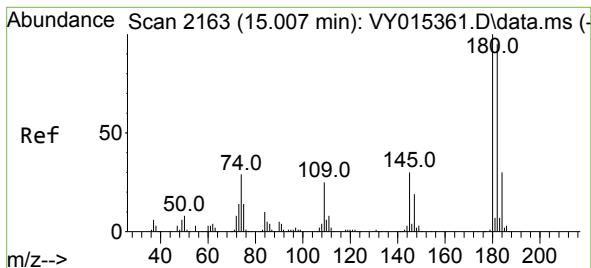
Ion Ratio Lower Upper

75 100

155 90.3 41.5 124.6

157 113.3 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.345 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.012 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

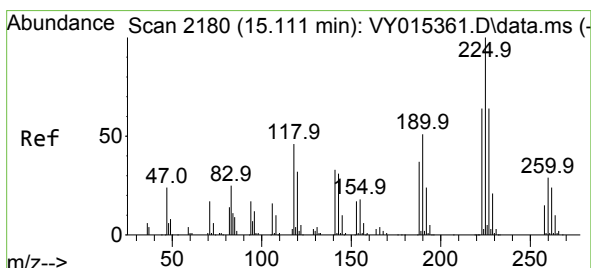
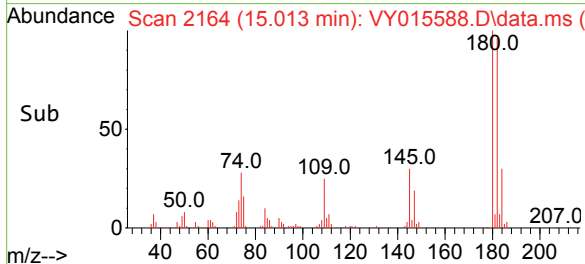
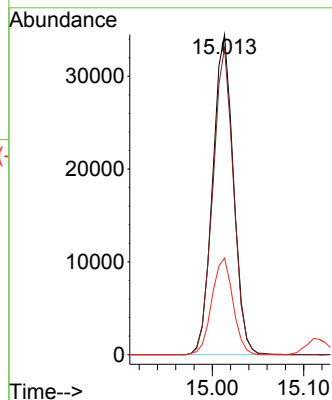
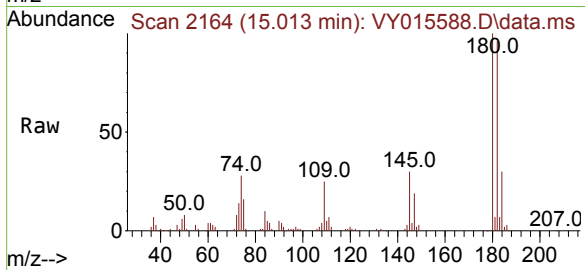
Tgt Ion:180 Resp: 54315

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.230 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

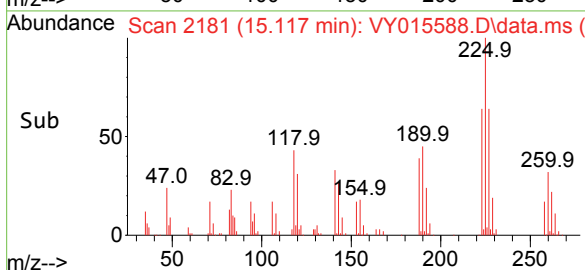
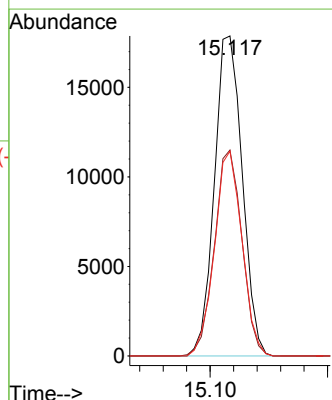
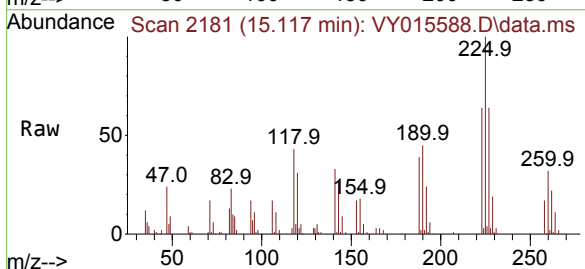
Tgt Ion:225 Resp: 29449

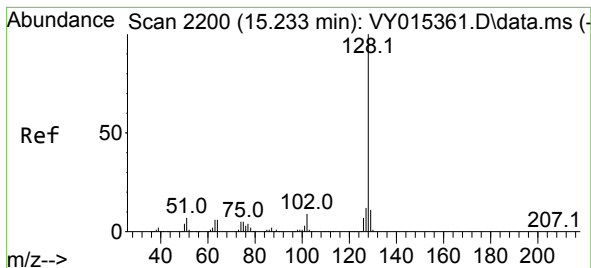
Ion Ratio Lower Upper

225 100

223 63.6 31.9 95.9

227 63.1 33.0 98.9





#95

Naphthalene

Concen: 22.279 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Instrument :

MSVOA_Y

ClientSampleId :

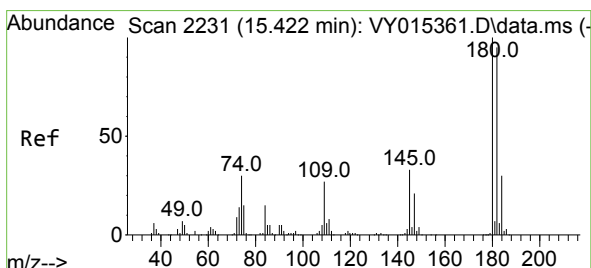
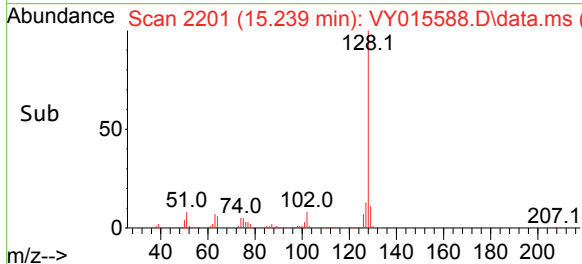
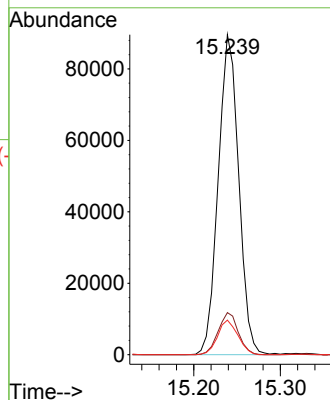
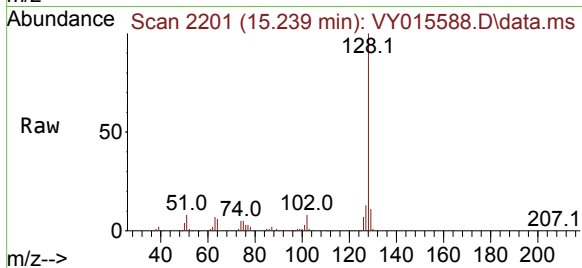
Tgt Ion:128 Resp: 147331

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.7 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.289 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY015588.D

Acq: 15 Sep 2023 23:38

Tgt Ion:180 Resp: 51840

Ion Ratio Lower Upper

180 100

182 92.6 47.3 141.8

145 31.8 15.4 46.2

