

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101023\
 Data File : VY015888.D
 Acq On : 10 Oct 2023 11:02
 Operator : SY/MD
 Sample : VY1010SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 11 01:16:46 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100923S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 10 07:06:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	182682	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	305289	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	275163	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	137246	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	84626	51.483	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.960%	
35) Dibromofluoromethane	7.728	113	85855	50.419	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.840%	
50) Toluene-d8	10.185	98	287969	51.313	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.620%	
62) 4-Bromofluorobenzene	12.489	95	110756	48.589	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 97.180%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.912	85	14389	19.692	ug/l	98
3) Chloromethane	2.119	50	13765	18.417	ug/l	97
4) Vinyl Chloride	2.259	62	17670	18.537	ug/l	97
5) Bromomethane	2.650	94	15885	20.323	ug/l	97
6) Chloroethane	2.796	64	14896	19.901	ug/l	96
7) Trichlorofluoromethane	3.131	101	41477	20.506	ug/l	100
8) Diethyl Ether	3.540	74	17806	20.808	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.912	101	28224	20.561	ug/l	97
10) Methyl Iodide	4.101	142	21001	16.802	ug/l	95
11) Tert butyl alcohol	4.960	59	50641	128.492	ug/l #	96
12) 1,1-Dichloroethene	3.881	96	21057	19.943	ug/l	86
13) Acrolein	3.741	56	10103	100.561	ug/l	97
14) Allyl chloride	4.491	41	39562	20.322	ug/l	91
15) Acrylonitrile	5.174	53	64053	108.854	ug/l	97
16) Acetone	3.960	43	74405	98.519	ug/l #	88
17) Carbon Disulfide	4.204	76	21444	15.573	ug/l #	94
18) Methyl Acetate	4.491	43	44909	20.153	ug/l	91
19) Methyl tert-butyl Ether	5.235	73	103138	21.556	ug/l	98
20) Methylene Chloride	4.729	84	44450	20.433	ug/l	90
21) trans-1,2-Dichloroethene	5.235	96	24509	20.004	ug/l	92
22) Diisopropyl ether	6.131	45	115378	22.158	ug/l	92
23) Vinyl Acetate	6.076	43	312249	109.053	ug/l	96
24) 1,1-Dichloroethane	6.033	63	60751	21.180	ug/l	96
25) 2-Butanone	6.996	43	99044	109.840	ug/l	93
26) 2,2-Dichloropropane	6.990	77	55465	20.793	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	37974	21.000	ug/l	95
28) Bromochloromethane	7.338	49	34603	20.932	ug/l	95
29) Tetrahydrofuran	7.362	42	52460	106.349	ug/l	93
30) Chloroform	7.521	83	69204	21.631	ug/l	100
31) Cyclohexane	7.795	56	33406	18.976	ug/l #	87
32) 1,1,1-Trichloroethane	7.710	97	54480	20.851	ug/l	98
36) 1,1-Dichloropropene	7.929	75	36974	19.605	ug/l	98
37) Ethyl Acetate	7.088	43	35605	21.983	ug/l	96
38) Carbon Tetrachloride	7.905	117	45802	20.223	ug/l	99
39) Methylcyclohexane	9.191	83	36070	18.829	ug/l	93
40) Benzene	8.167	78	122054	20.594	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	15887	15.770	ug/l	89
42) 1,2-Dichloroethane	8.246	62	43080	21.324	ug/l	94
43) Isopropyl Acetate	8.283	43	63898	21.312	ug/l	95
44) Trichloroethene	8.947	130	35268	20.564	ug/l	98
45) 1,2-Dichloropropane	9.222	63	38628	21.668	ug/l	98
46) Dibromomethane	9.313	93	22469	21.180	ug/l	96
47) Bromodichloromethane	9.502	83	56691	21.487	ug/l	98
48) Methyl methacrylate	9.301	41	28293	21.368	ug/l	88
49) 1,4-Dioxane	9.301	88	8264	448.125	ug/l #	52
51) 4-Methyl-2-Pentanone	10.075	43	194247	108.290	ug/l	92
52) Toluene	10.252	92	81883	20.814	ug/l	95
53) t-1,3-Dichloropropene	10.471	75	55559	20.830	ug/l	98
54) cis-1,3-Dichloropropene	9.935	75	60972	21.044	ug/l	90
55) 1,1,2-Trichloroethane	10.648	97	37734	22.338	ug/l	97
56) Ethyl methacrylate	10.514	69	49078	21.401	ug/l #	85
57) 1,3-Dichloropropane	10.794	76	58594	21.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.789	63	149180	106.726	ug/l	96
59) 2-Hexanone	10.837	43	149955	110.499	ug/l	91
60) Dibromochloromethane	10.990	129	43957	21.707	ug/l	99
61) 1,2-Dibromoethane	11.093	107	32943	21.353	ug/l	100
64) Tetrachloroethene	10.727	164	36929	20.565	ug/l	97
65) Chlorobenzene	11.520	112	100286	20.895	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	41597	21.204	ug/l	97
67) Ethyl Benzene	11.599	91	170422	20.697	ug/l	98
68) m/p-Xylenes	11.709	106	129196	41.640	ug/l	96
69) o-Xylene	12.032	106	65418	21.073	ug/l	98
70) Styrene	12.050	104	115724	21.366	ug/l	96
71) Bromoform	12.215	173	28967	21.204	ug/l #	98
73) Isopropylbenzene	12.331	105	180298	20.825	ug/l	100
74) N-amyl acetate	12.148	43	59202	21.699	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	48442	21.579	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	59995	37.446	ug/l #	100
77) Bromobenzene	12.611	156	44549	20.985	ug/l	97
78) n-propylbenzene	12.678	91	218205	20.958	ug/l	100
79) 2-Chlorotoluene	12.764	91	125276	21.123	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	151894	21.287	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	15278	21.146	ug/l	93
82) 4-Chlorotoluene	12.861	91	130802	21.164	ug/l	99
83) tert-Butylbenzene	13.081	119	140284	21.066	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	153666	21.385	ug/l	99
85) sec-Butylbenzene	13.257	105	209283	21.429	ug/l	99
86) p-Isopropyltoluene	13.373	119	171682	21.250	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	91568	21.425	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	91842	21.339	ug/l	99
89) n-Butylbenzene	13.703	91	164576	21.526	ug/l	97
90) Hexachloroethane	13.965	117	35070	21.630	ug/l	89
91) 1,2-Dichlorobenzene	13.745	146	86281	21.718	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	8548	21.682	ug/l	92
93) 1,2,4-Trichlorobenzene	15.013	180	54037	21.223	ug/l	98
94) Hexachlorobutadiene	15.117	225	29519	21.651	ug/l	97
95) Naphthalene	15.239	128	120181	20.404	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	48290	21.321	ug/l	98

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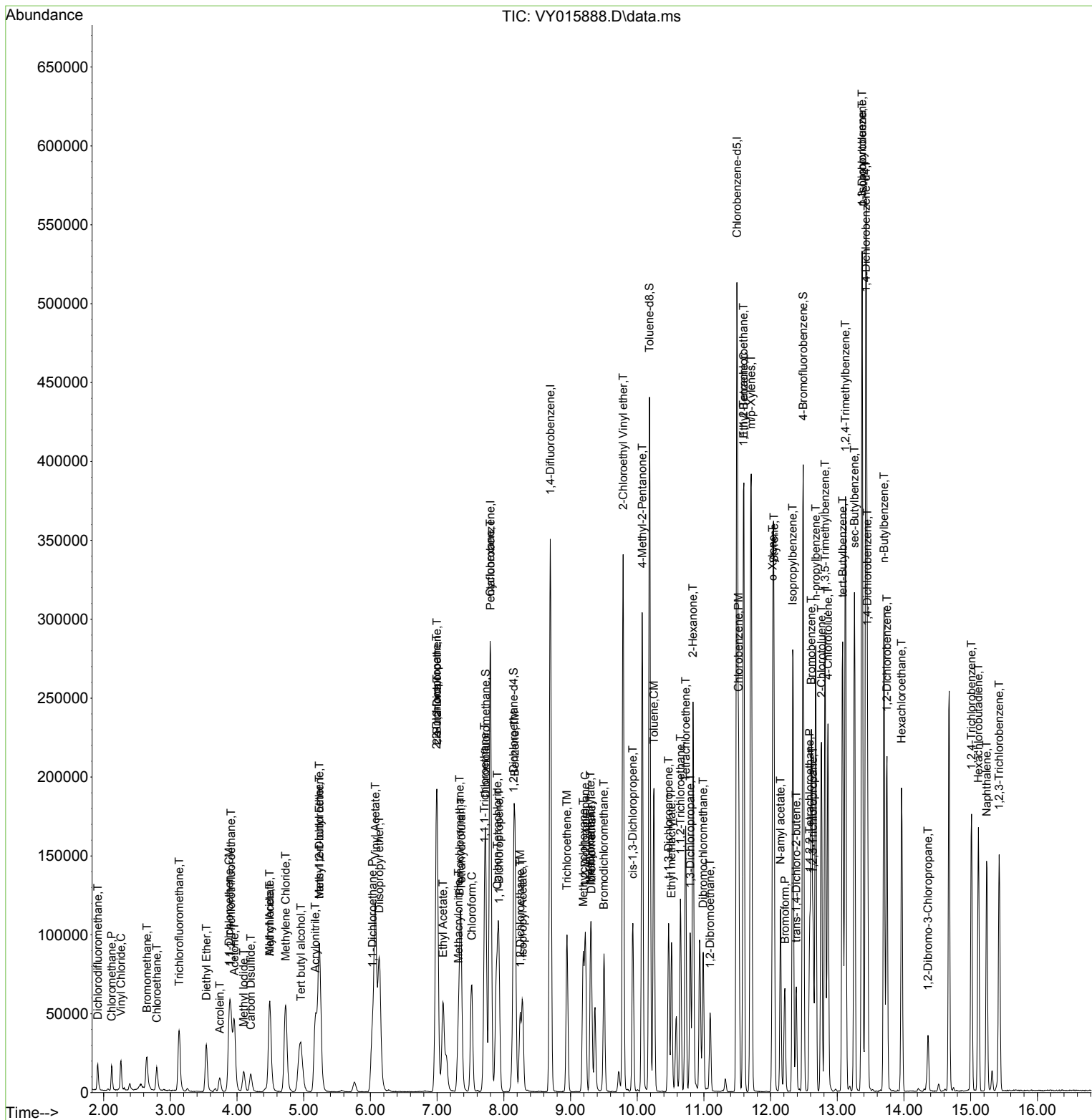
Instrument :
MSVOA_Y
ClientSampleId :

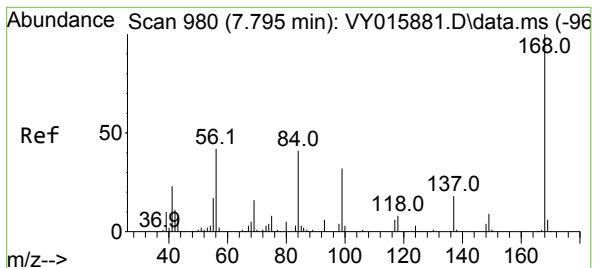
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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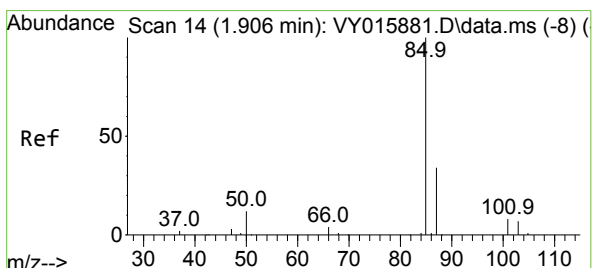
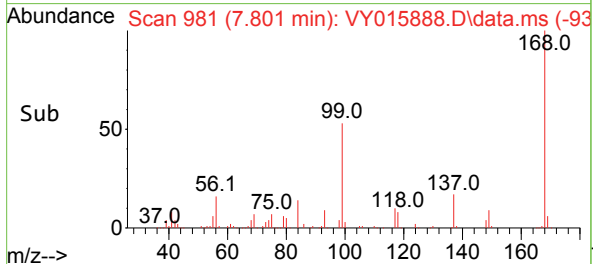
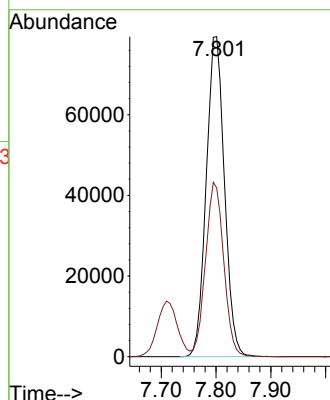
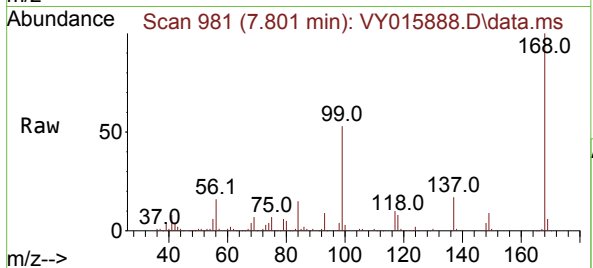




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015888.D
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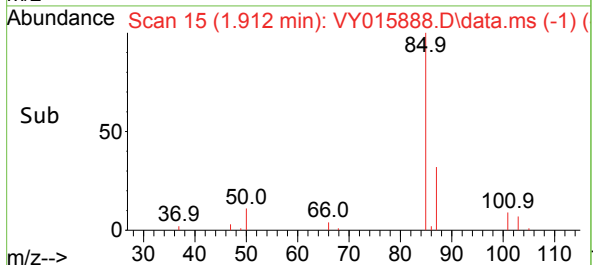
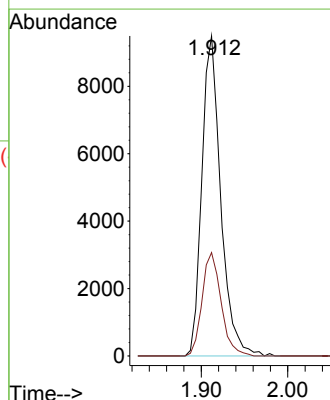
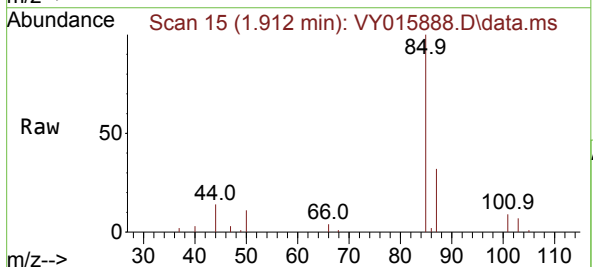
Instrument :
MSVOA_Y
ClientSampleId :

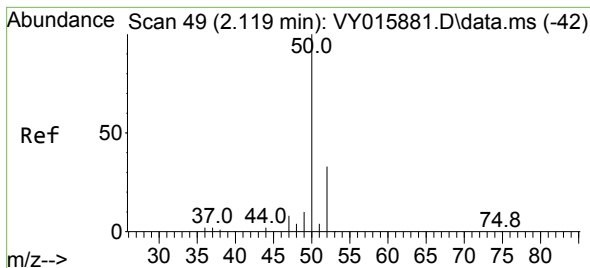
Tgt Ion:168 Resp: 182682
Ion Ratio Lower Upper
168 100
99 52.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.692 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 85 Resp: 14389
Ion Ratio Lower Upper
85 100
87 32.3 15.6 46.8





#3

Chloromethane

Concen: 18.417 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

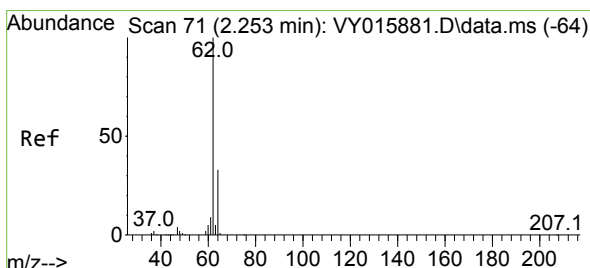
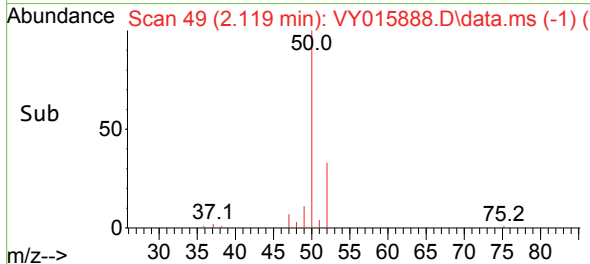
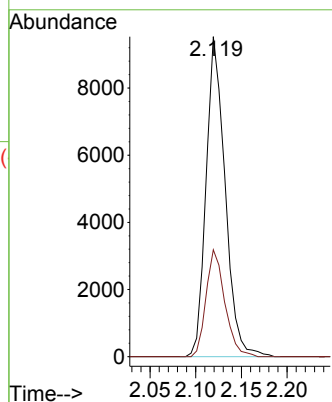
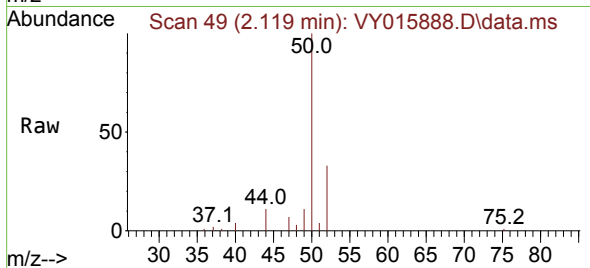
ClientSampleId :

Tgt Ion: 50 Resp: 13765

Ion Ratio Lower Upper

50 100

52 33.4 25.4 38.2



#4

Vinyl Chloride

Concen: 18.537 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.006 min

Lab File: VY015888.D

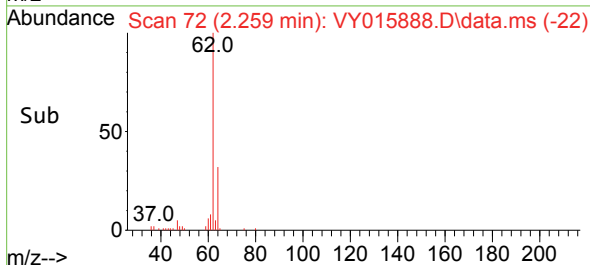
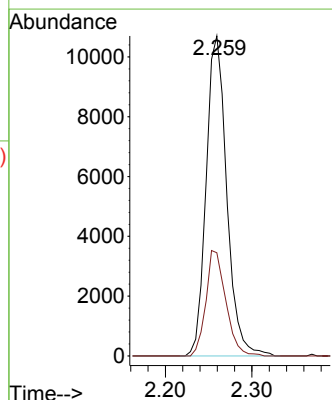
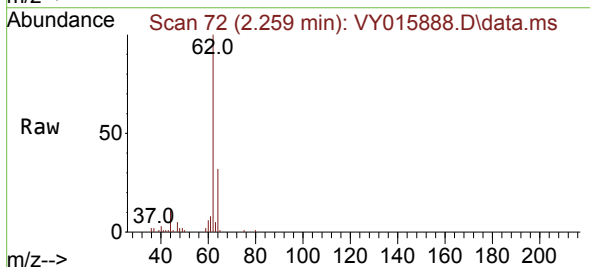
Acq: 10 Oct 2023 11:02

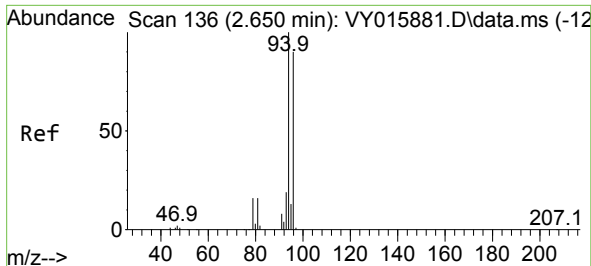
Tgt Ion: 62 Resp: 17670

Ion Ratio Lower Upper

62 100

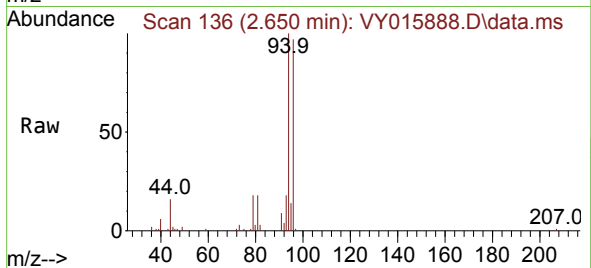
64 32.3 24.3 36.5



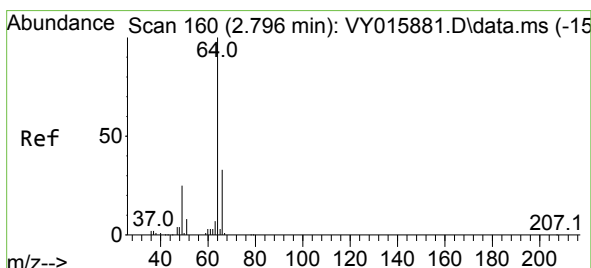
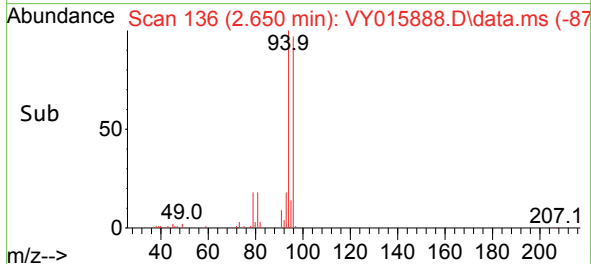
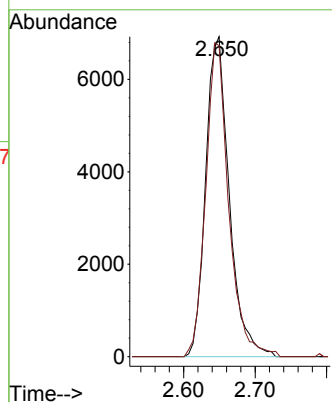


#5
Bromomethane
Concen: 20.323 ug/l
RT: 2.650 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Instrument :
MSVOA_Y
ClientSampleId :

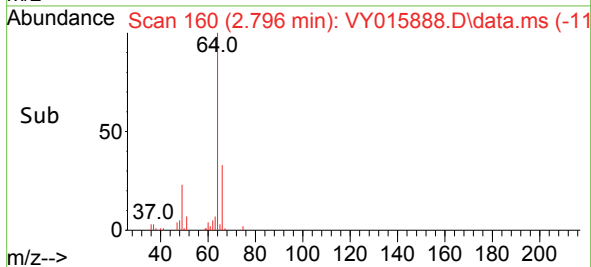
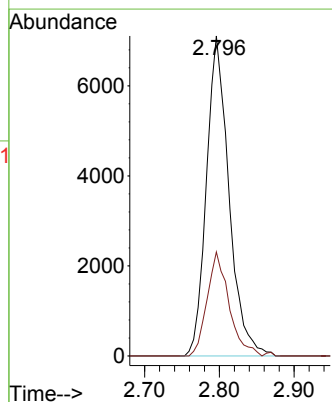
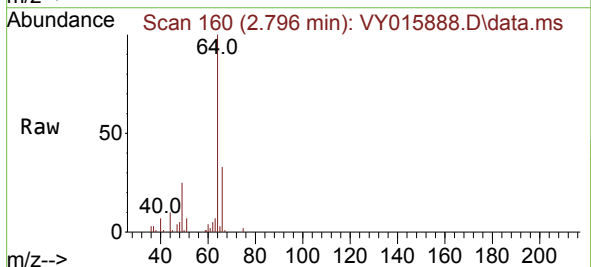


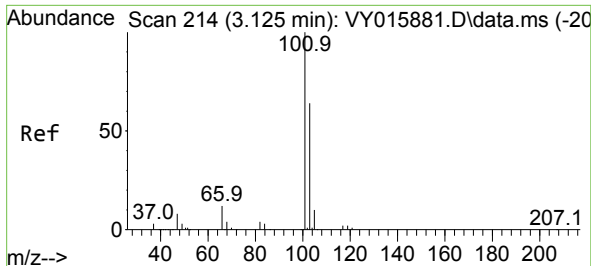
Tgt Ion: 94 Resp: 15885
Ion Ratio Lower Upper
94 100
96 97.2 75.8 113.6



#6
Chloroethane
Concen: 19.901 ug/l
RT: 2.796 min Scan# 160
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

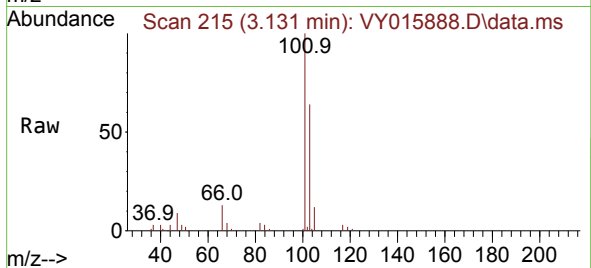
Tgt Ion: 64 Resp: 14896
Ion Ratio Lower Upper
64 100
66 32.5 24.4 36.6



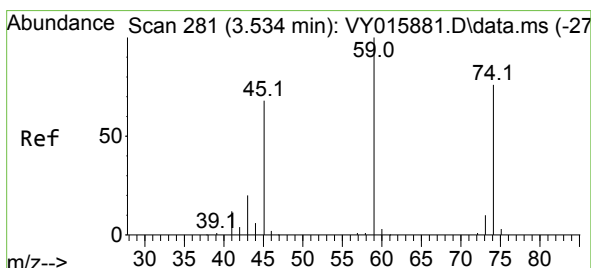
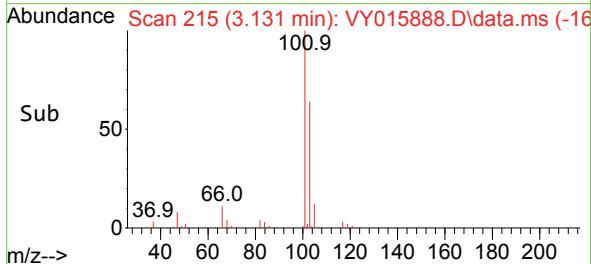
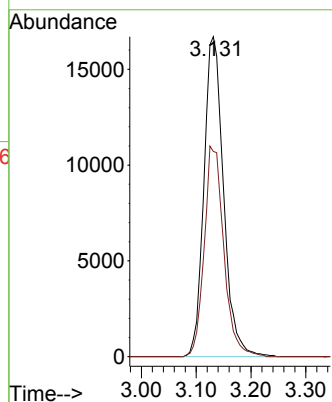


#7
 Trichlorofluoromethane
 Concen: 20.506 ug/l
 RT: 3.131 min Scan# 214
 Delta R.T. 0.006 min
 Lab File: VY015888.D
 Acq: 10 Oct 2023 11:02

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 ClientSampleId :

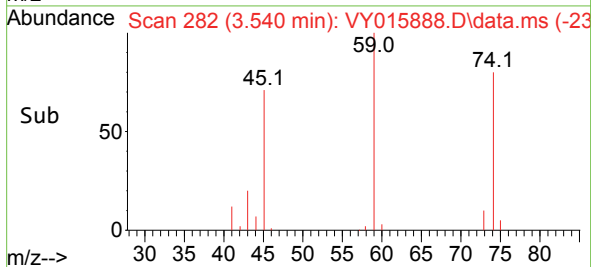
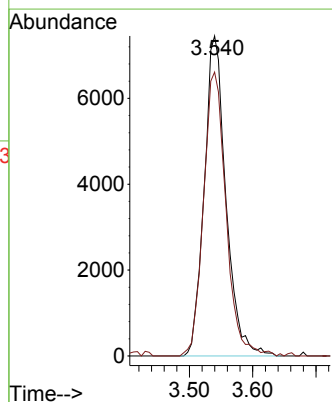
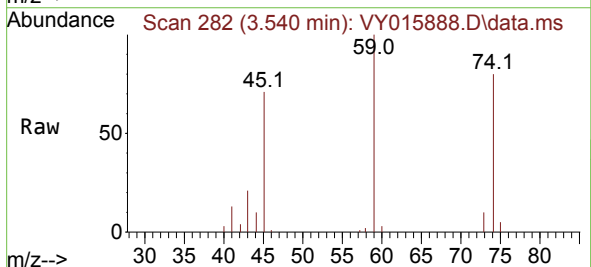


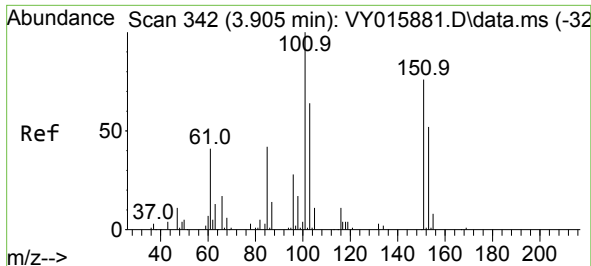
Tgt Ion:101 Resp: 41477
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.808 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.006 min
 Lab File: VY015888.D
 Acq: 10 Oct 2023 11:02

Tgt Ion: 74 Resp: 17806
 Ion Ratio Lower Upper
 74 100
 45 91.8 51.5 154.5

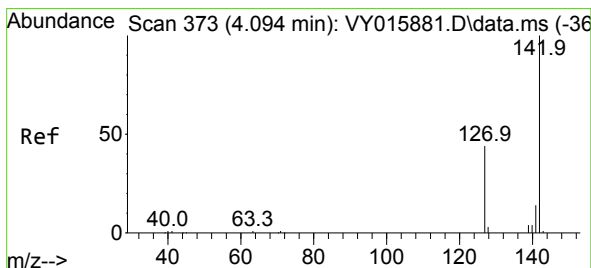
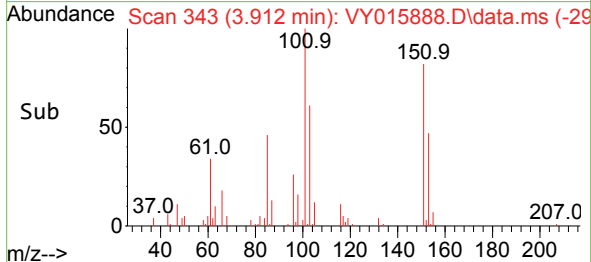
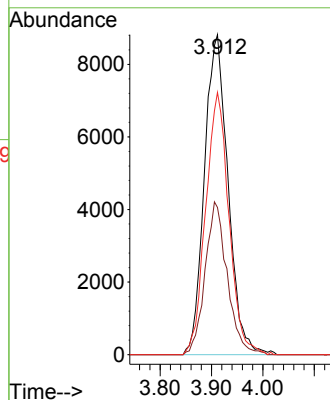
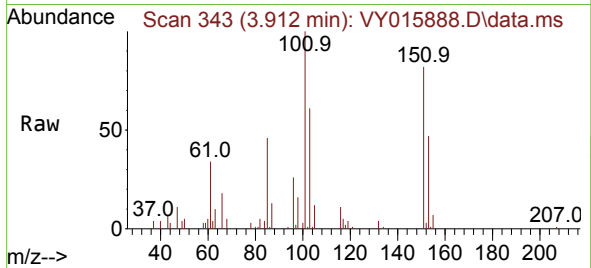




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.561 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY015888.D
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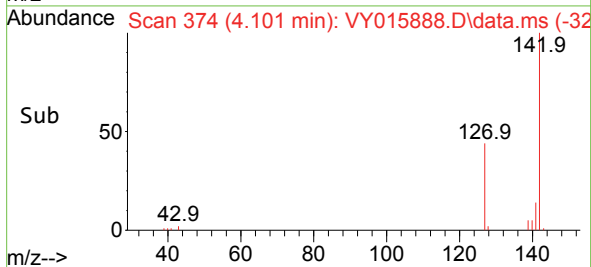
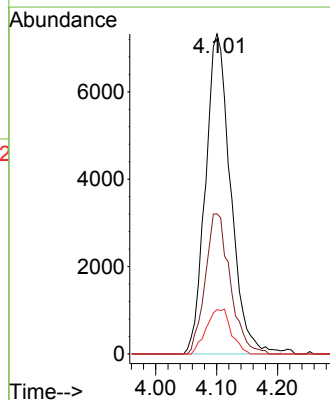
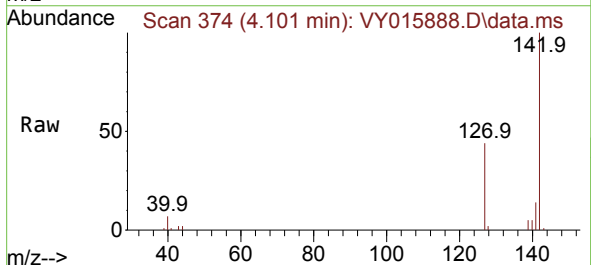
Instrument :
MSVOA_Y
ClientSampleId :

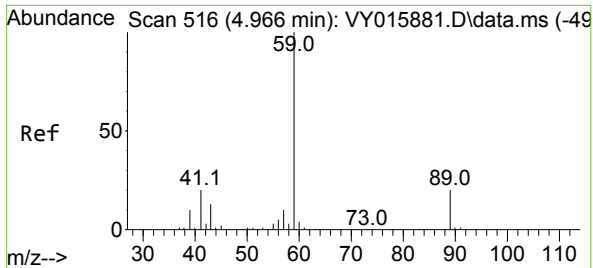
Tgt Ion:101 Resp: 28224
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 80.7 67.0 100.6



#10
Methyl Iodide
Concen: 16.802 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.007 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion:142 Resp: 21001
Ion Ratio Lower Upper
142 100
127 43.5 37.6 56.4
141 13.8 11.8 17.8

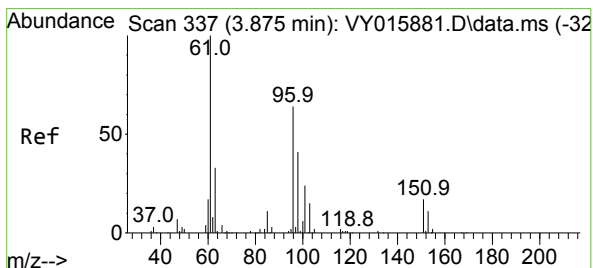
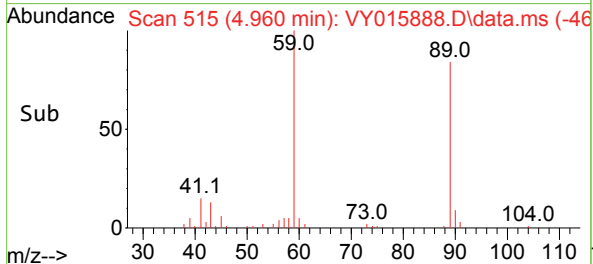
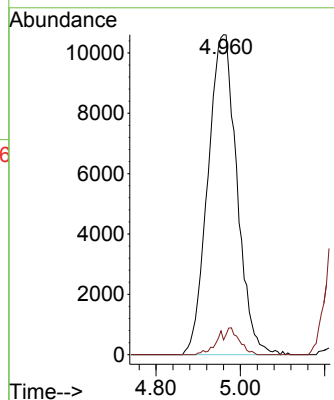
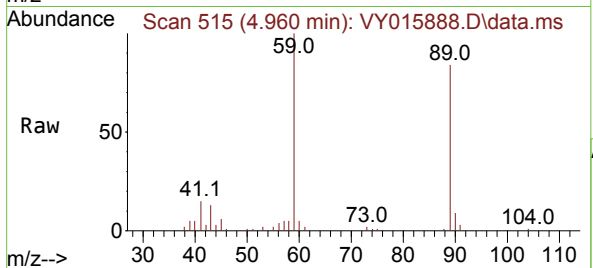




#11
Tert butyl alcohol
Concen: 128.492 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

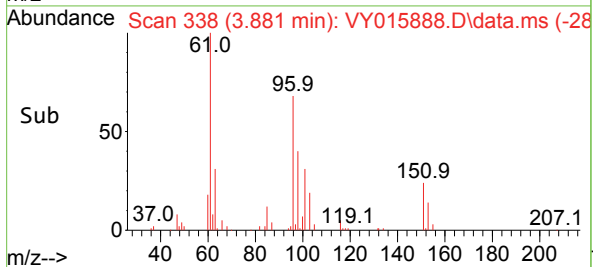
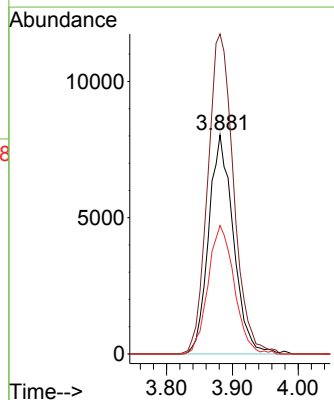
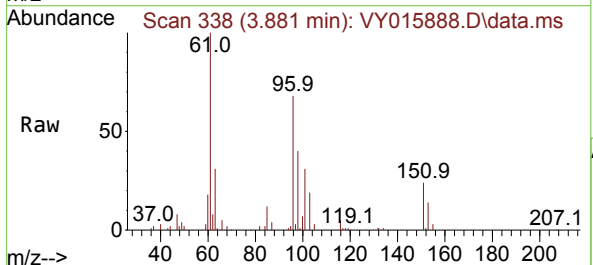
Instrument :
MSVOA_Y
ClientSampleId :

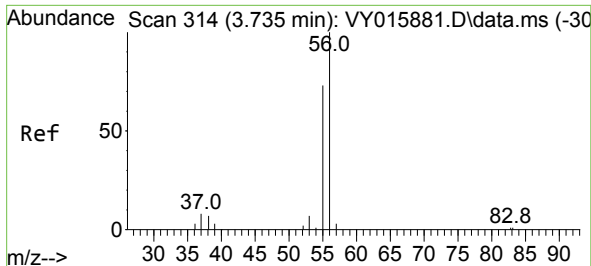
Tgt Ion: 59 Resp: 50641
Ion Ratio Lower Upper
59 100
57 2.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.943 ug/l
RT: 3.881 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 96 Resp: 21057
Ion Ratio Lower Upper
96 100
61 146.1 136.4 204.6
98 58.7 49.4 74.2





#13

Acrolein

Concen: 100.561 ug/l

RT: 3.741 min Scan# 314

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

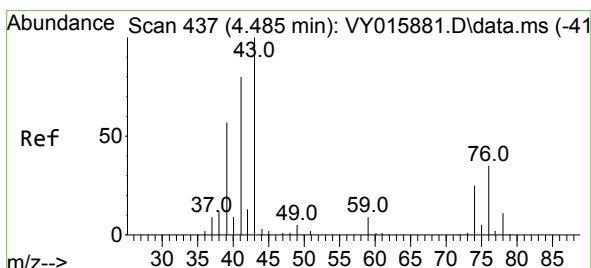
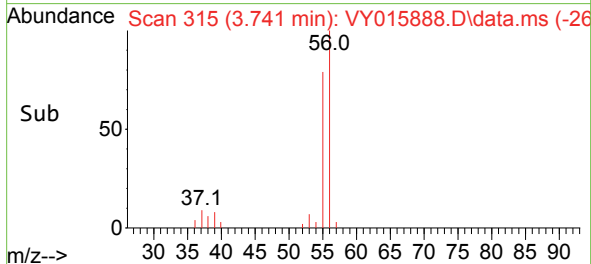
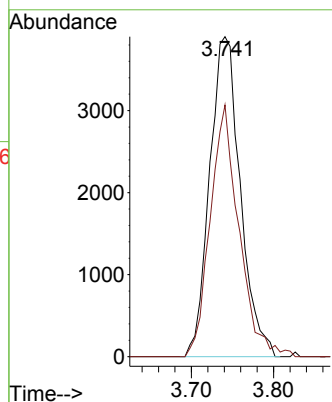
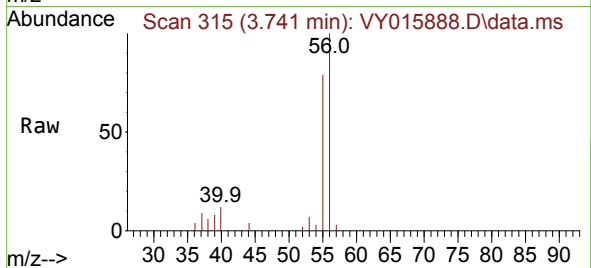
ClientSampleId :

Tgt Ion: 56 Resp: 10103

Ion Ratio Lower Upper

56 100

55 73.9 57.0 85.4



#14

Allyl chloride

Concen: 20.322 ug/l

RT: 4.491 min Scan# 438

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

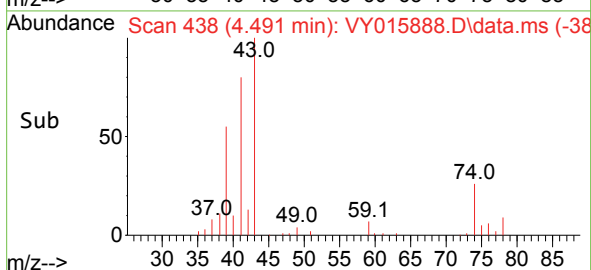
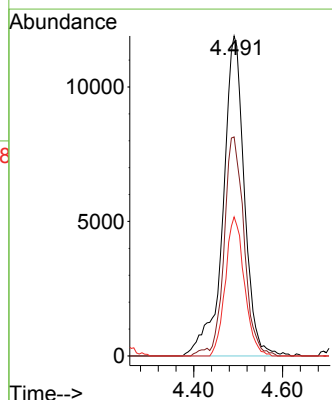
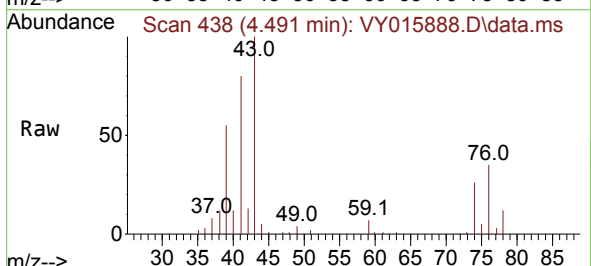
Tgt Ion: 41 Resp: 39562

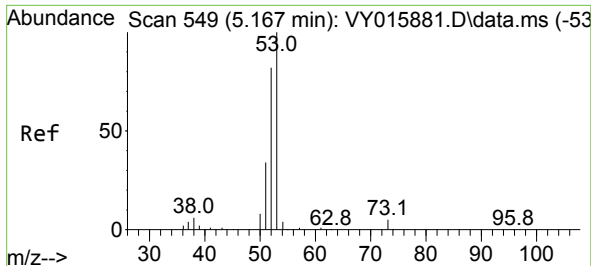
Ion Ratio Lower Upper

41 100

39 64.1 58.0 87.0

76 38.8 27.4 41.2

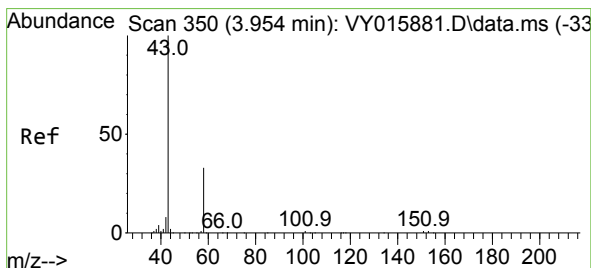
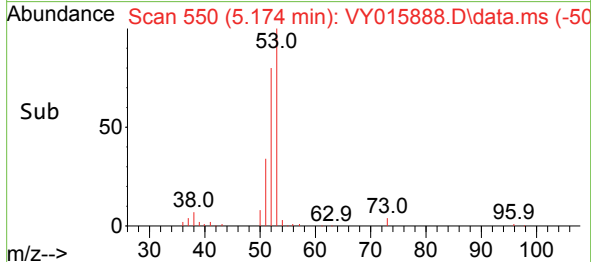
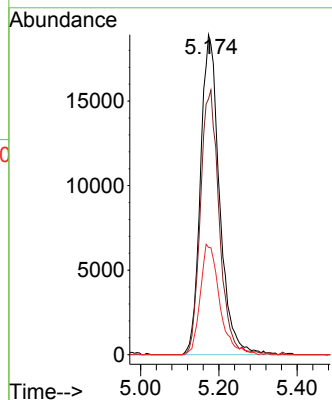
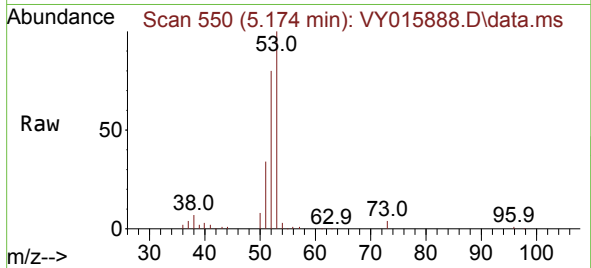




#15
Acrylonitrile
Concen: 108.854 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

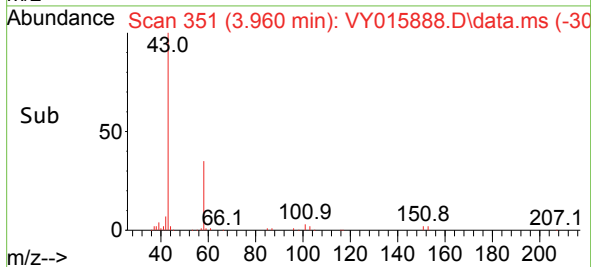
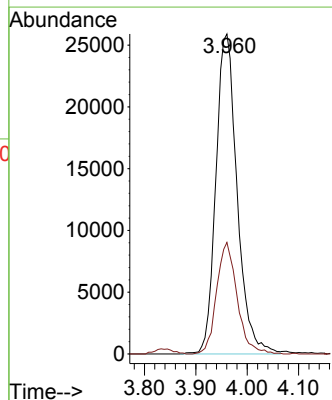
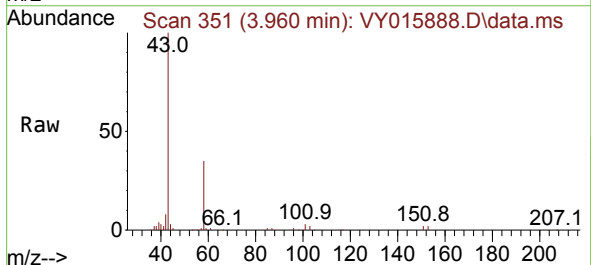
Instrument :
MSVOA_Y
ClientSampleId :

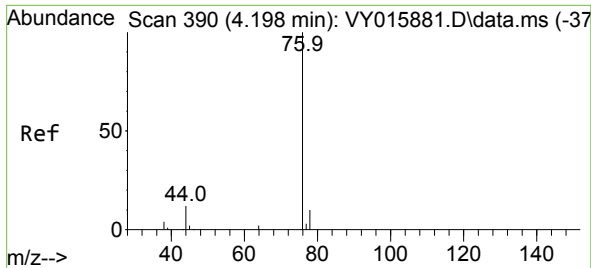
Tgt Ion: 53 Resp: 64053
Ion Ratio Lower Upper
53 100
52 81.5 66.9 100.3
51 35.0 29.8 44.6



#16
Acetone
Concen: 98.519 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 43 Resp: 74405
Ion Ratio Lower Upper
43 100
58 34.6 22.7 34.1#

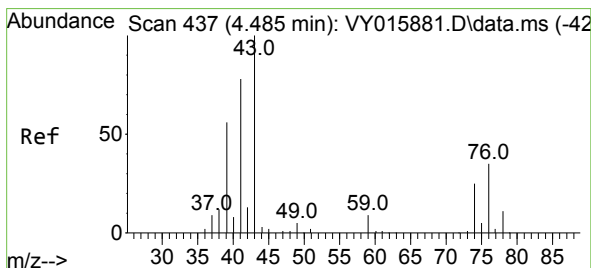
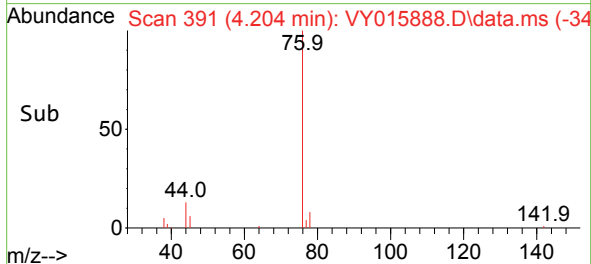
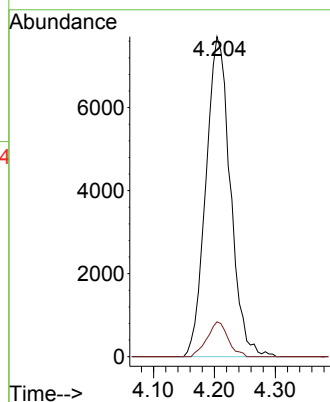
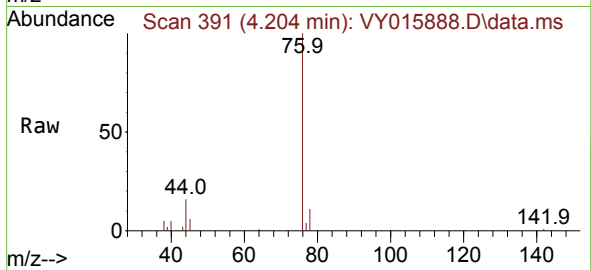




#17
Carbon Disulfide
Concen: 15.573 ug/l
RT: 4.204 min Scan# 391
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

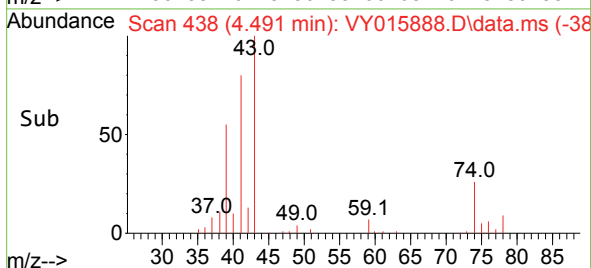
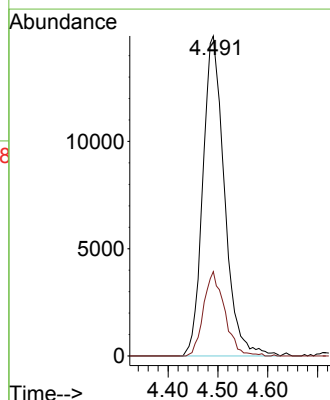
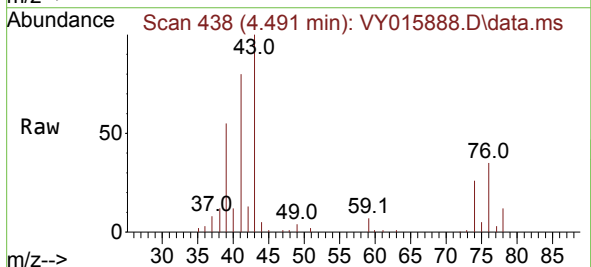
Instrument :
MSVOA_Y
ClientSampleId :

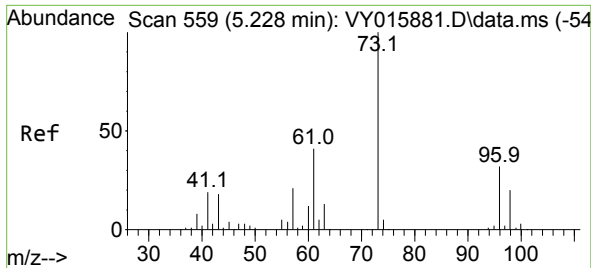
Tgt Ion: 76 Resp: 21444
Ion Ratio Lower Upper
76 100
78 10.9 7.0 10.4#



#18
Methyl Acetate
Concen: 20.153 ug/l
RT: 4.491 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 43 Resp: 44909
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0

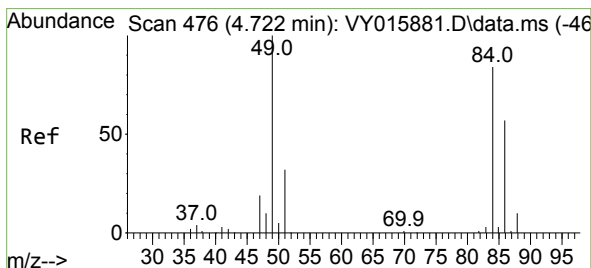
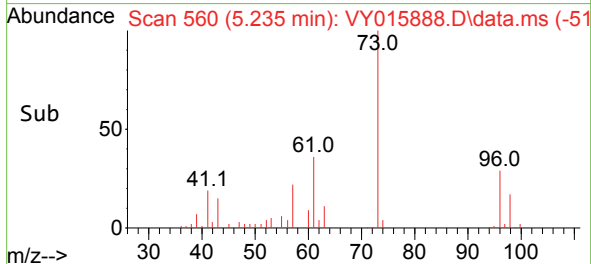
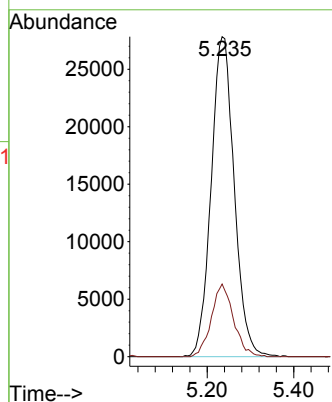
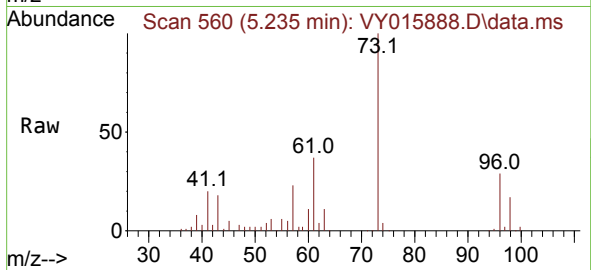




#19
Methyl tert-butyl Ether
Concen: 21.556 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.007 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

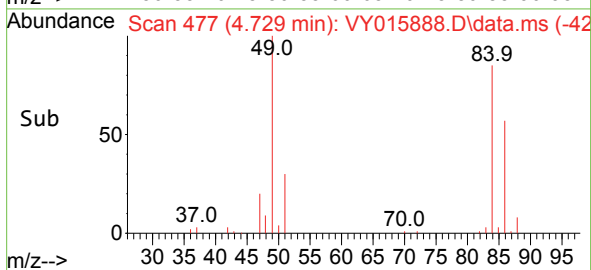
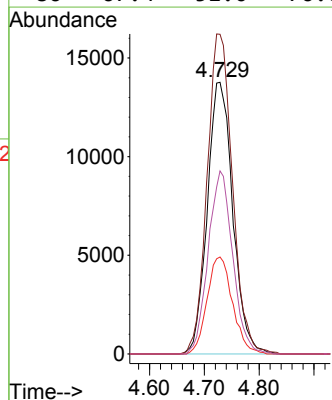
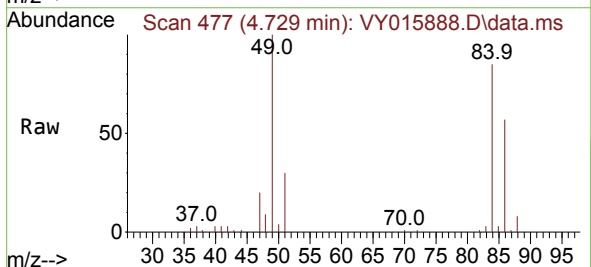
Instrument :
MSVOA_Y
ClientSampleId :

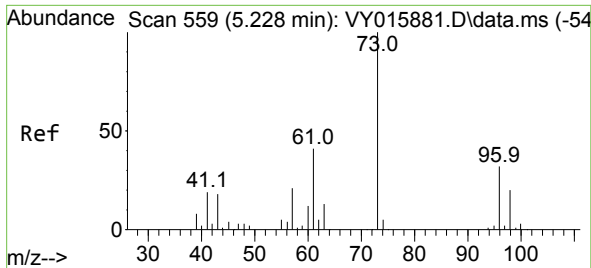
Tgt Ion: 73 Resp: 103138
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 20.433 ug/l
RT: 4.729 min Scan# 477
Delta R.T. 0.007 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 84 Resp: 44450
Ion Ratio Lower Upper
84 100
49 117.7 106.9 160.3
51 35.7 33.2 49.8
86 67.4 51.0 76.6

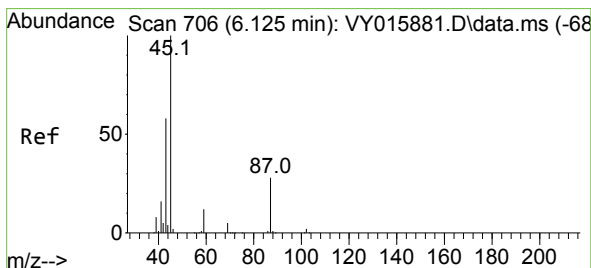
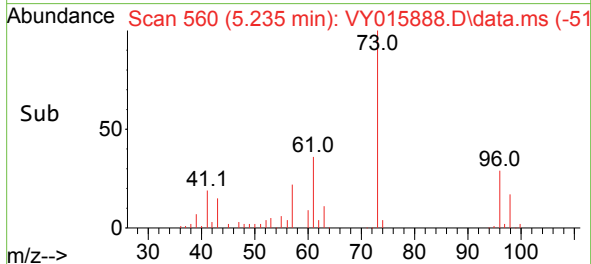
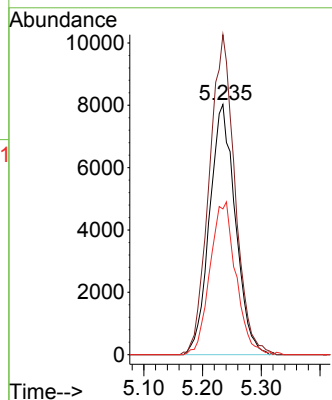
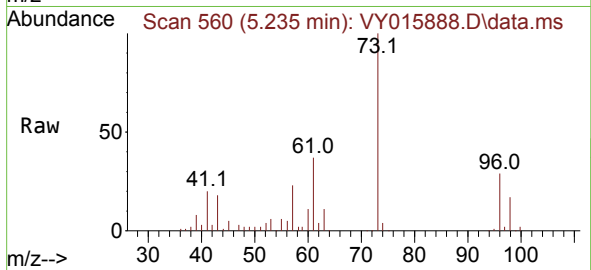




#21
trans-1,2-Dichloroethene
Concen: 20.004 ug/l
RT: 5.235 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

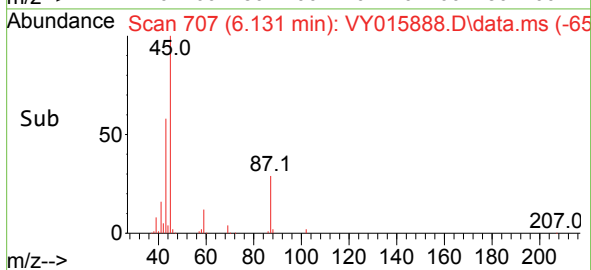
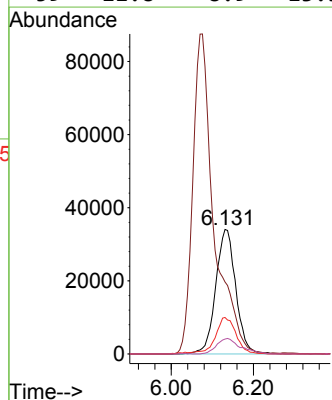
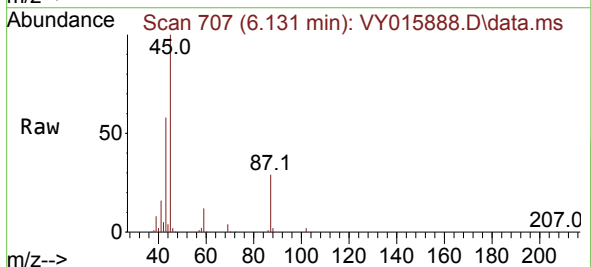
Instrument :
MSVOA_Y
ClientSampleId :

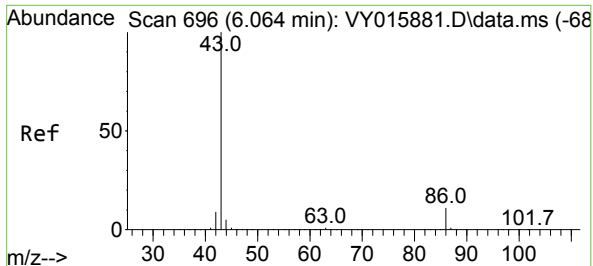
Tgt Ion: 96 Resp: 24509
Ion Ratio Lower Upper
96 100
61 127.9 110.2 165.4
98 58.2 51.8 77.6



#22
Diisopropyl ether
Concen: 22.158 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 45 Resp: 115378
Ion Ratio Lower Upper
45 100
43 57.3 52.2 78.4
87 29.3 21.0 31.6
59 11.8 8.9 13.3

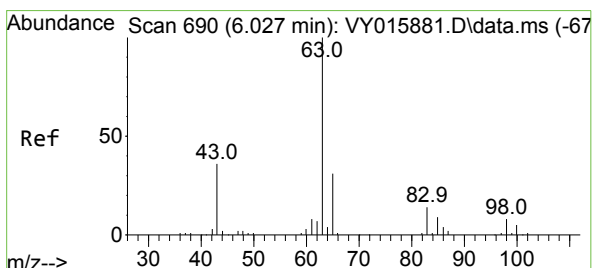
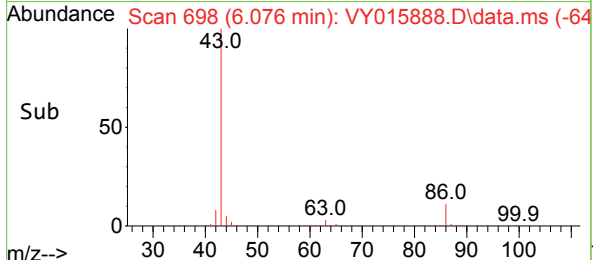
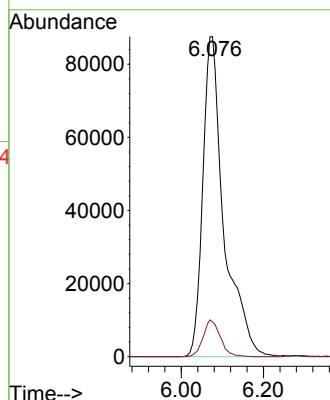
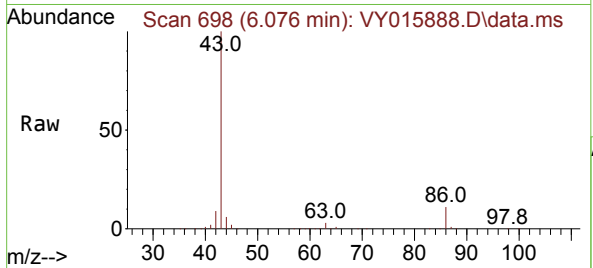




#23
 Vinyl Acetate
 Concen: 109.053 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. 0.012 min
 Lab File: VY015888.D
 Acq: 10 Oct 2023 11:02

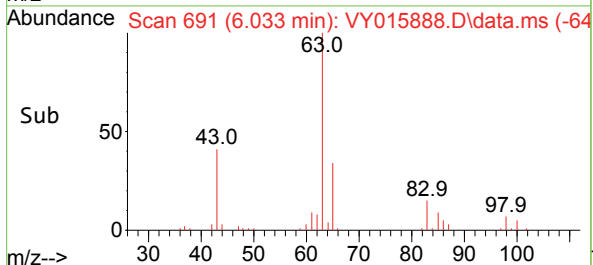
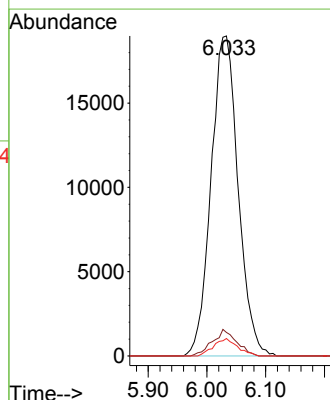
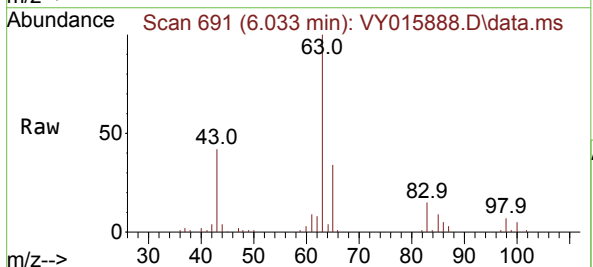
Instrument :
 MSVOA_Y
 ClientSampleId :

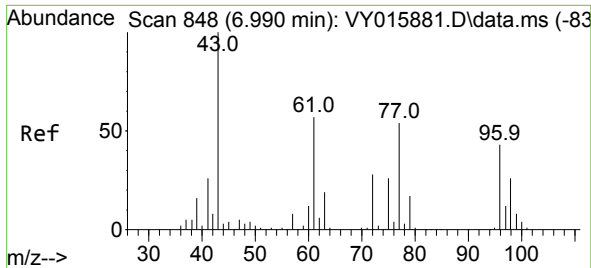
Tgt Ion: 43 Resp: 312249
 Ion Ratio Lower Upper
 43 100
 86 10.9 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.180 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.006 min
 Lab File: VY015888.D
 Acq: 10 Oct 2023 11:02

Tgt Ion: 63 Resp: 60751
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 5.4 1.8 5.5

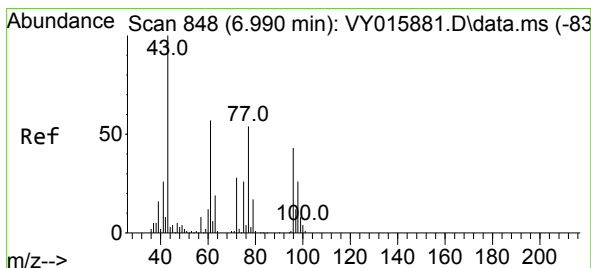
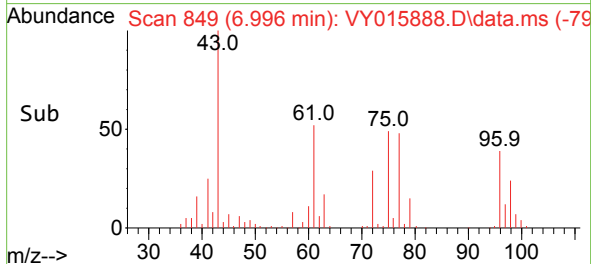
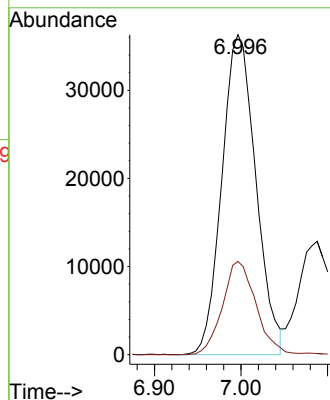
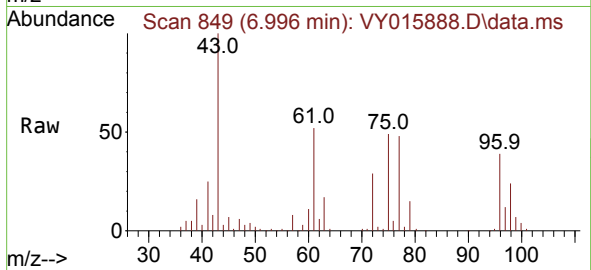




#25
2-Butanone
Concen: 109.840 ug/l
RT: 6.996 min Scan# 848
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

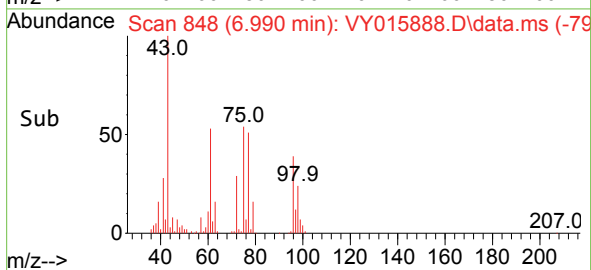
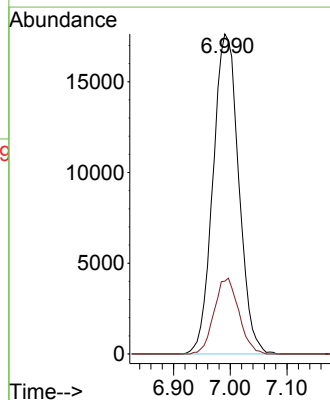
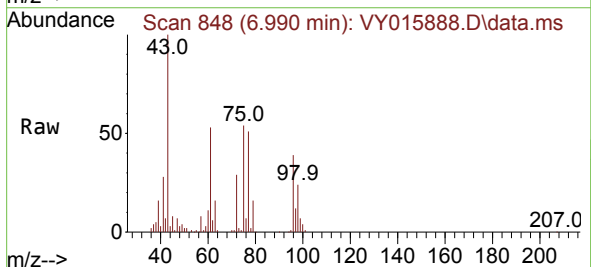
Instrument :
MSVOA_Y
ClientSampleId :

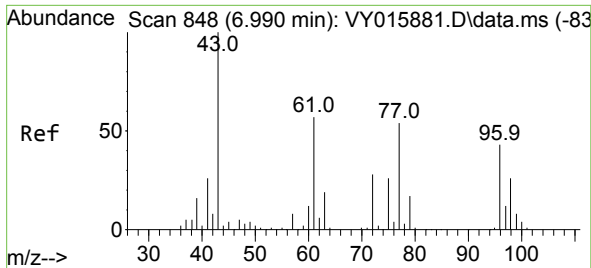
Tgt Ion: 43 Resp: 99044
Ion Ratio Lower Upper
43 100
72 29.1 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.793 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 77 Resp: 55465
Ion Ratio Lower Upper
77 100
97 22.7 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.000 ug/l

RT: 6.996 min Scan# 848

Delta R.T. 0.006 min

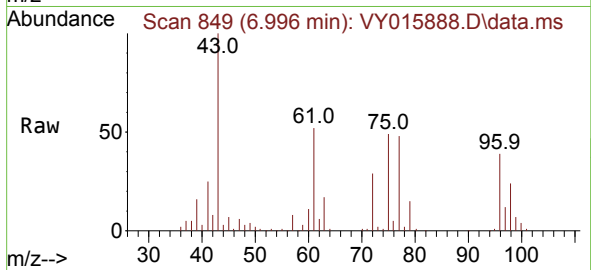
Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :



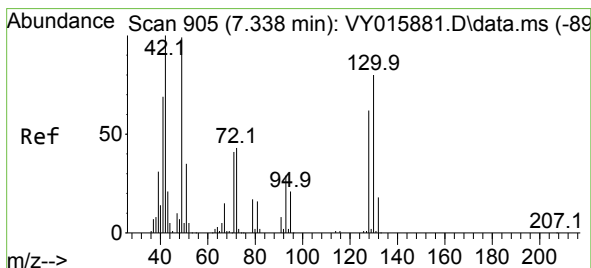
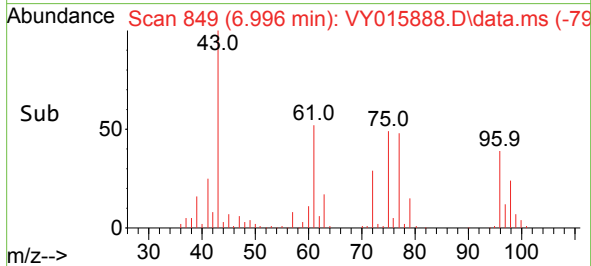
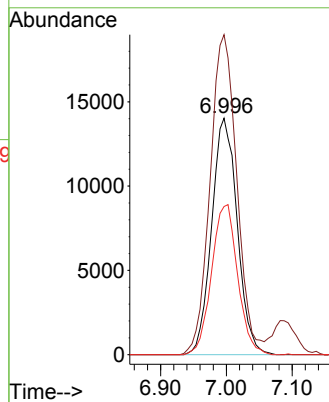
Tgt Ion: 96 Resp: 37974

Ion Ratio Lower Upper

96 100

61 141.6 0.0 301.4

98 64.7 0.0 130.4



#28

Bromochloromethane

Concen: 20.932 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

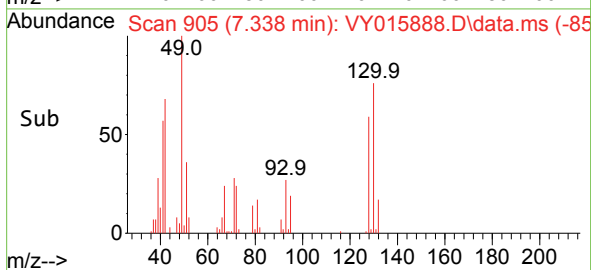
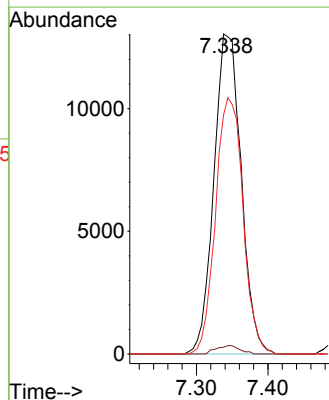
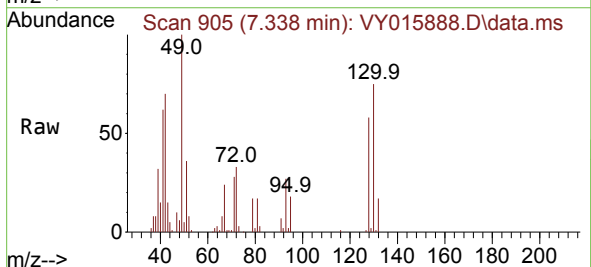
Tgt Ion: 49 Resp: 34603

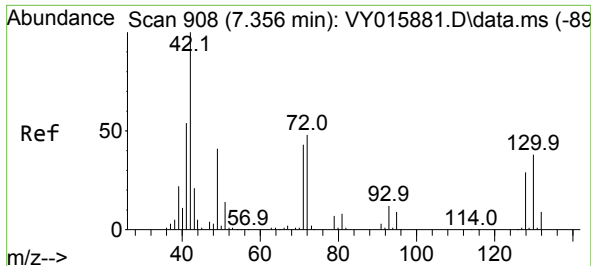
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 80.4 60.7 91.1





#29

Tetrahydrofuran

Concen: 106.349 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

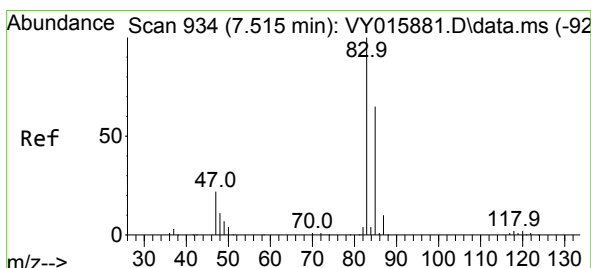
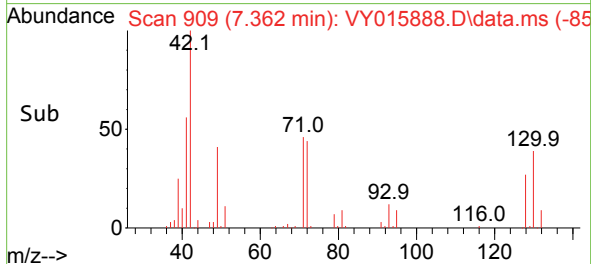
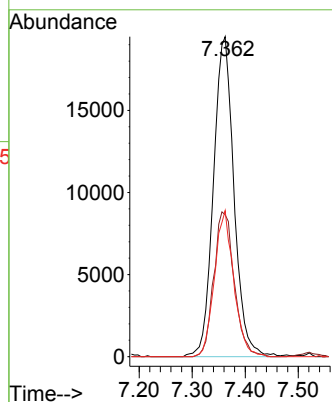
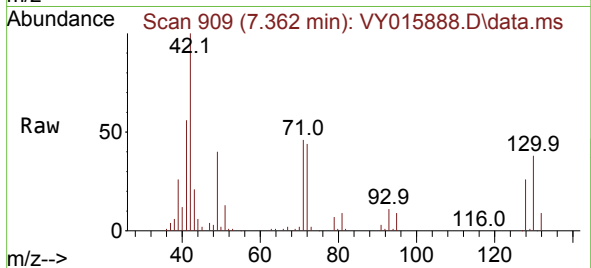
Tgt Ion: 42 Resp: 52460

Ion Ratio Lower Upper

42 100

72 45.2 32.8 49.2

71 43.0 31.0 46.4



#30

Chloroform

Concen: 21.631 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.006 min

Lab File: VY015888.D

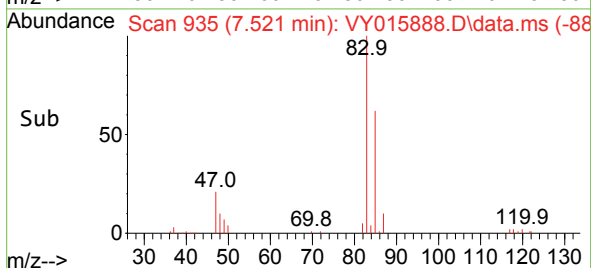
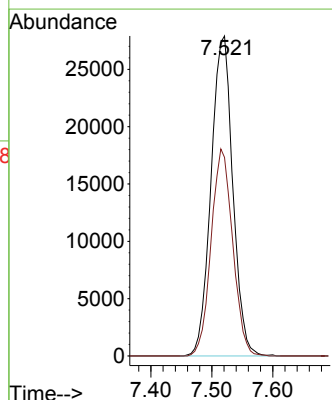
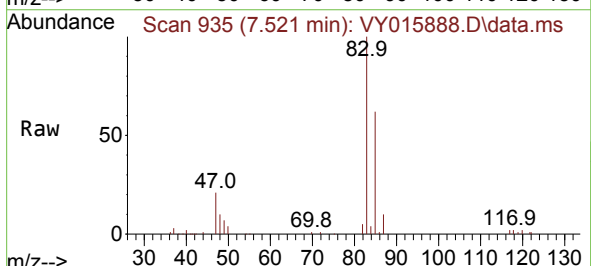
Acq: 10 Oct 2023 11:02

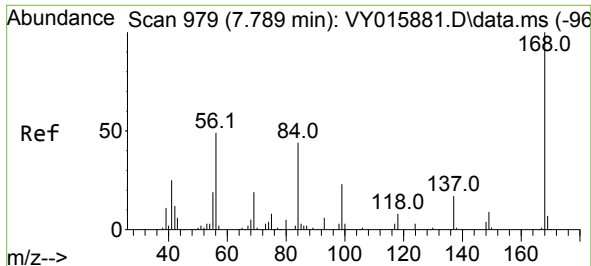
Tgt Ion: 83 Resp: 69204

Ion Ratio Lower Upper

83 100

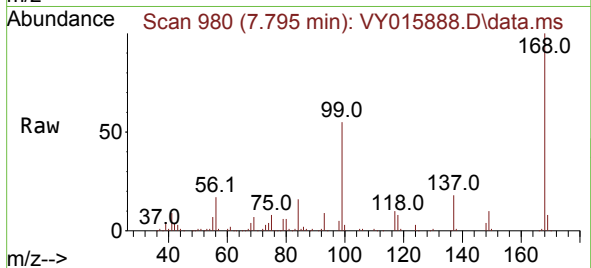
85 62.1 49.7 74.5



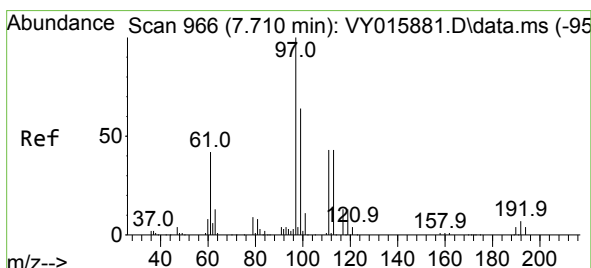
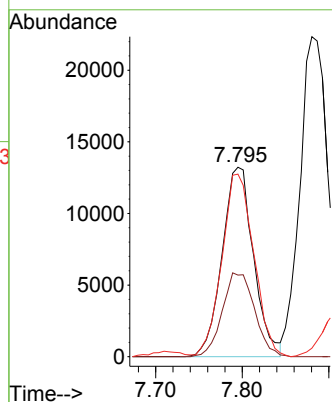
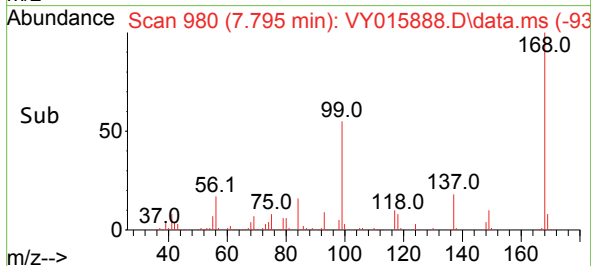


#31
Cyclohexane
Concen: 18.976 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Instrument :
MSVOA_Y
ClientSampleId :

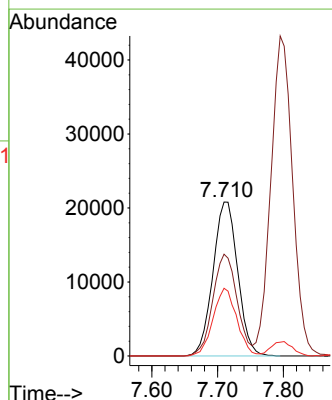
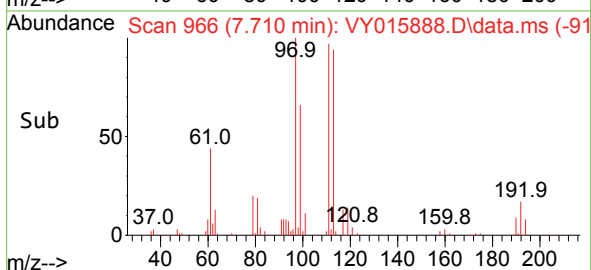
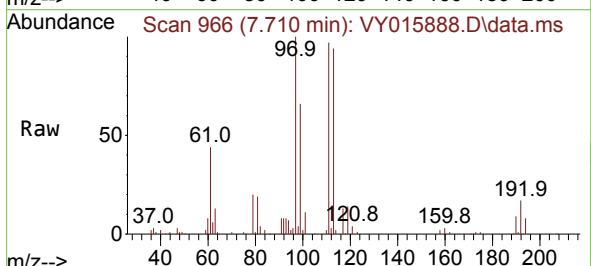


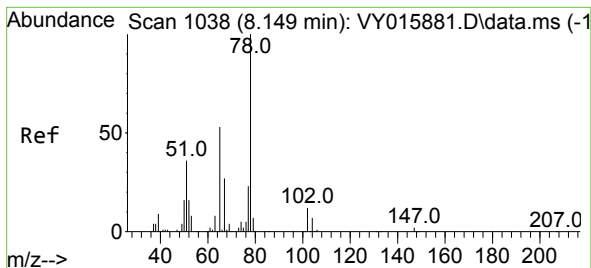
Tgt Ion: 56 Resp: 33406
Ion Ratio Lower Upper
56 100
69 43.1 27.8 41.6#
84 94.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.851 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 97 Resp: 54480
Ion Ratio Lower Upper
97 100
99 64.9 50.8 76.2
61 42.2 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.483 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

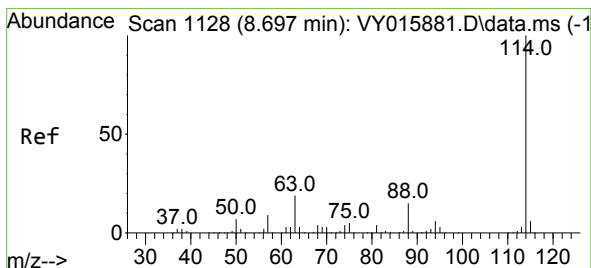
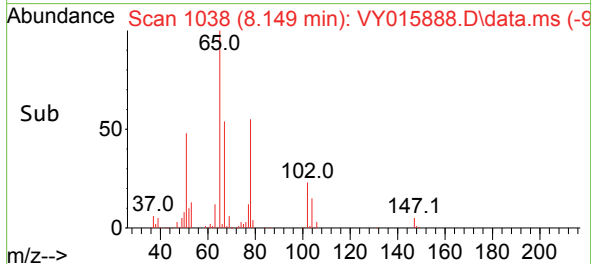
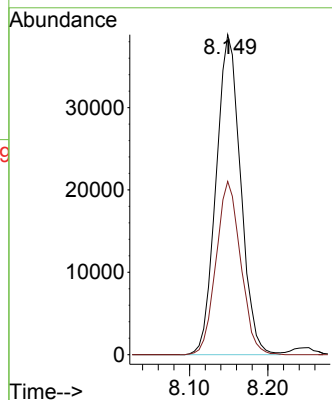
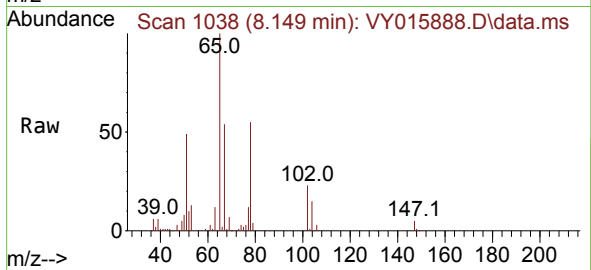
ClientSampleId :

Tgt Ion: 65 Resp: 84626

Ion Ratio Lower Upper

65 100

67 54.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

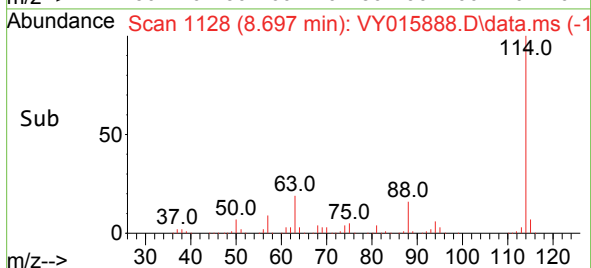
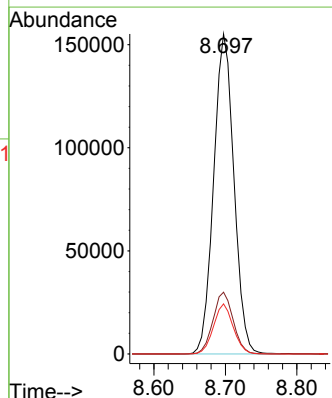
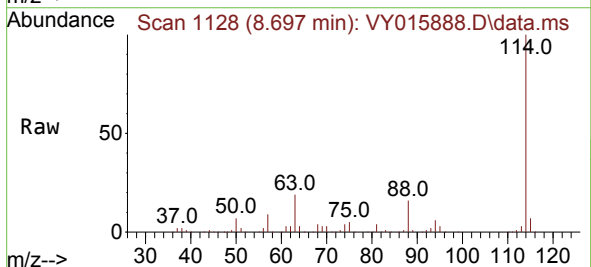
Tgt Ion: 114 Resp: 305289

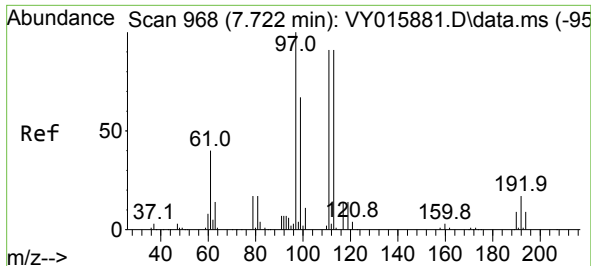
Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 15.7 0.0 30.6

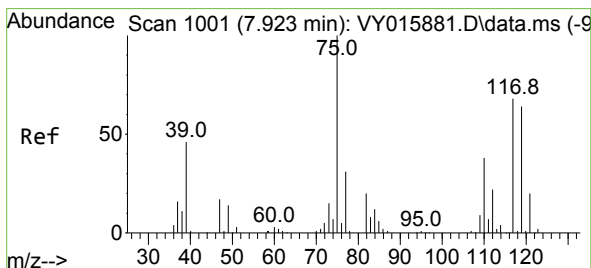
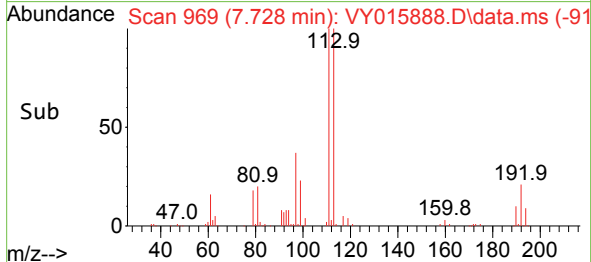
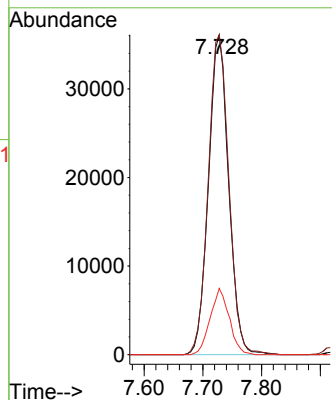
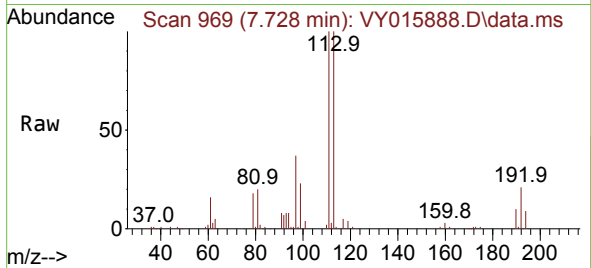




#35
Dibromofluoromethane
Concen: 50.419 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

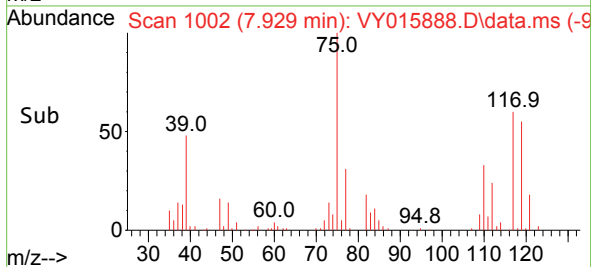
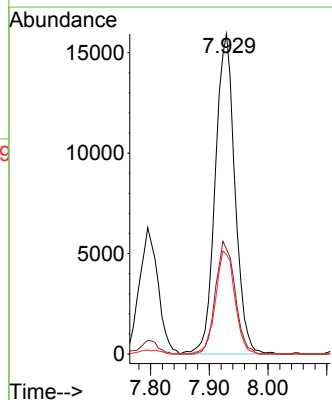
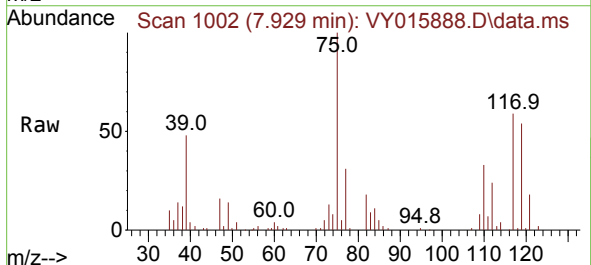
Instrument :
MSVOA_Y
ClientSampleId :

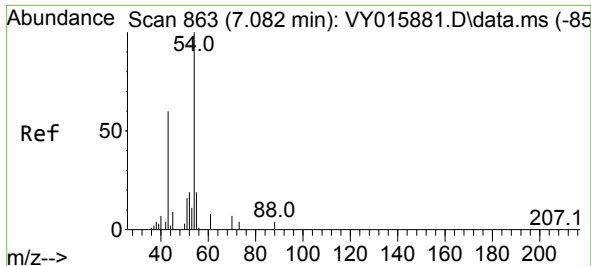
Tgt Ion:113 Resp: 85855
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.605 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 75 Resp: 36974
Ion Ratio Lower Upper
75 100
110 34.8 17.8 53.5
77 31.7 24.4 36.6





#37

Ethyl Acetate

Concen: 21.983 ug/l

RT: 7.088 min Scan# 863

Delta R.T. 0.006 min

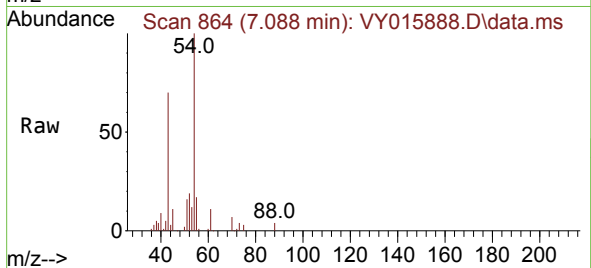
Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :



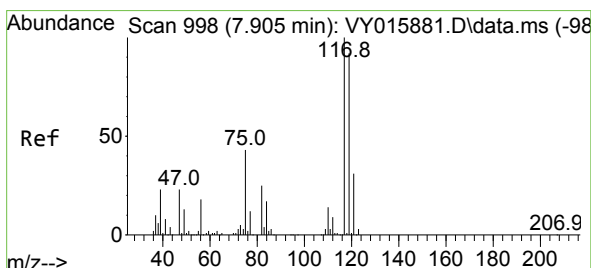
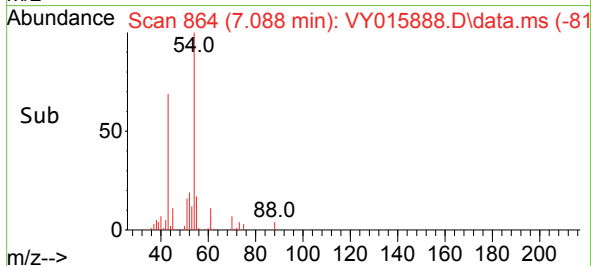
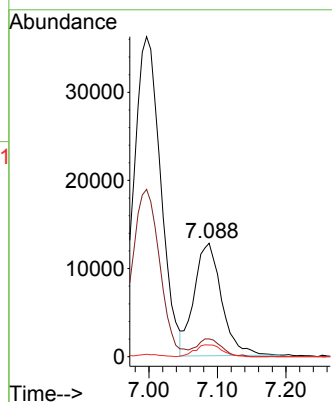
Tgt Ion: 43 Resp: 35605

Ion Ratio Lower Upper

43 100

61 14.4 10.1 15.1

70 10.4 7.1 10.7



#38

Carbon Tetrachloride

Concen: 20.223 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

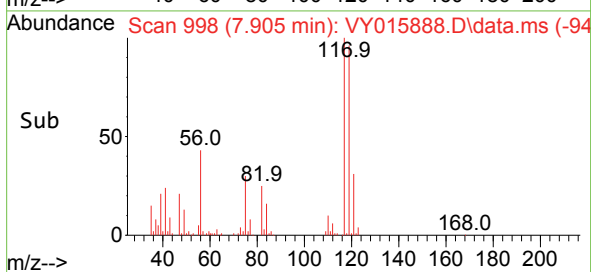
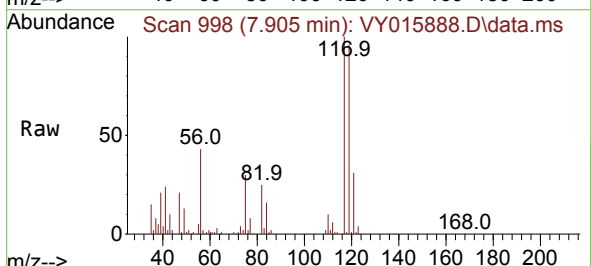
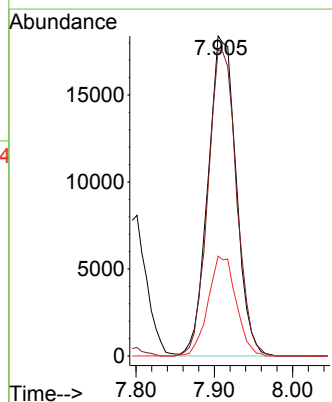
Tgt Ion: 117 Resp: 45802

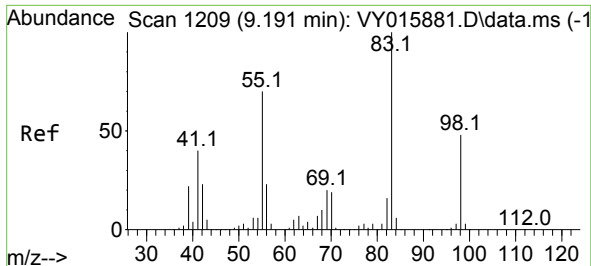
Ion Ratio Lower Upper

117 100

119 95.7 76.4 114.6

121 31.2 25.8 38.6





#39

Methylcyclohexane

Concen: 18.829 ug/l

RT: 9.191 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

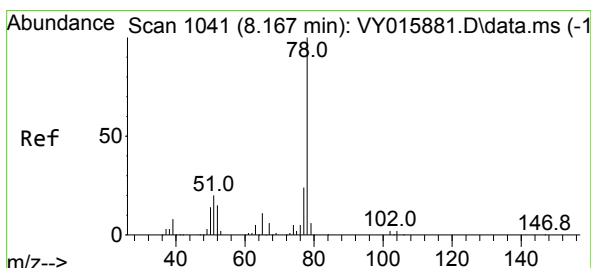
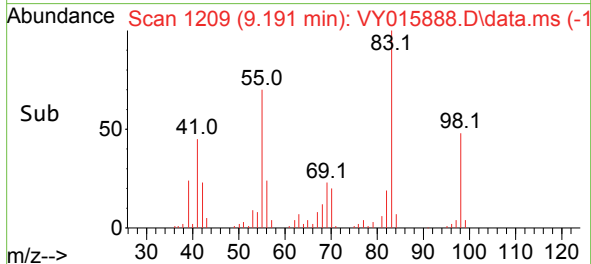
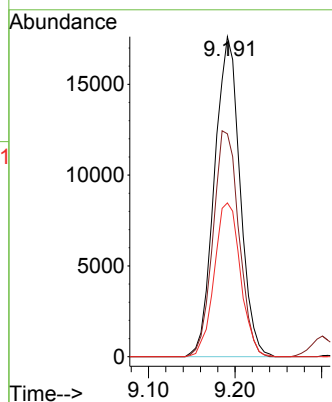
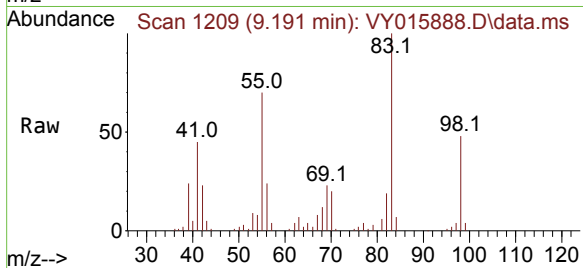
Tgt Ion: 83 Resp: 36070

Ion Ratio Lower Upper

83 100

55 69.6 63.0 94.4

98 48.0 37.4 56.2



#40

Benzene

Concen: 20.594 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY015888.D

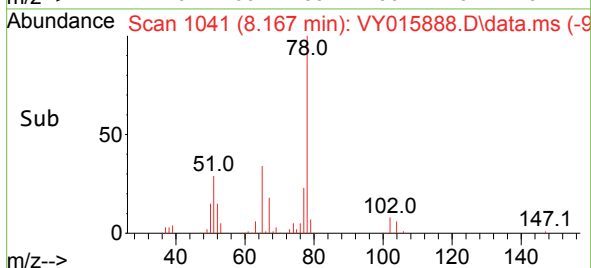
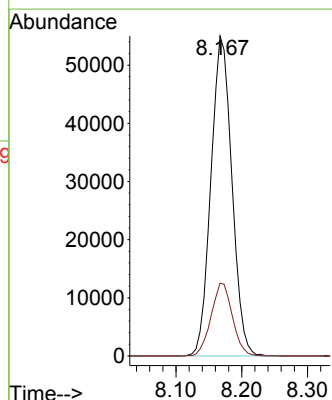
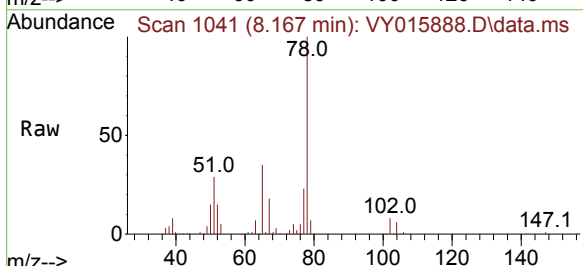
Acq: 10 Oct 2023 11:02

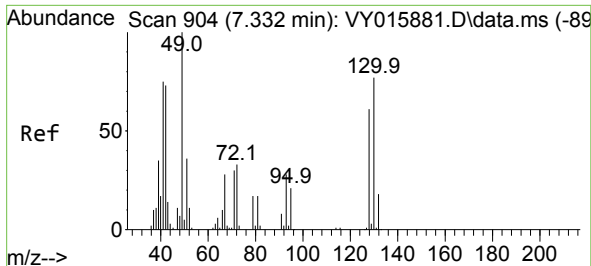
Tgt Ion: 78 Resp: 122054

Ion Ratio Lower Upper

78 100

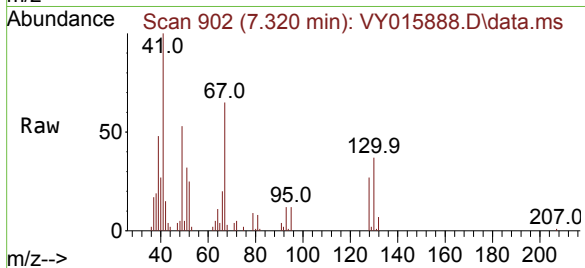
77 22.8 19.0 28.6



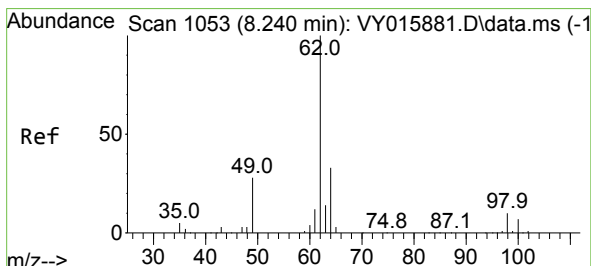
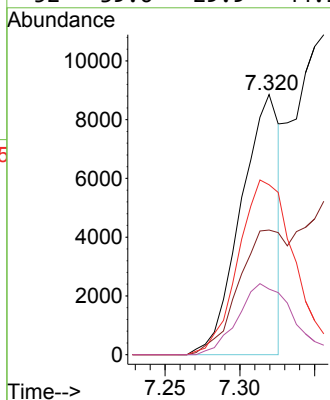
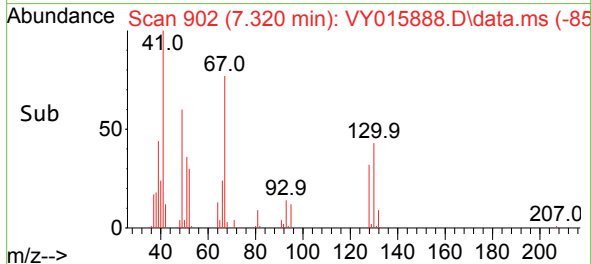


#41
Methacrylonitrile
Concen: 15.770 ug/l
RT: 7.320 min Scan# 904
Delta R.T. -0.012 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Instrument :
MSVOA_Y
ClientSampleId :

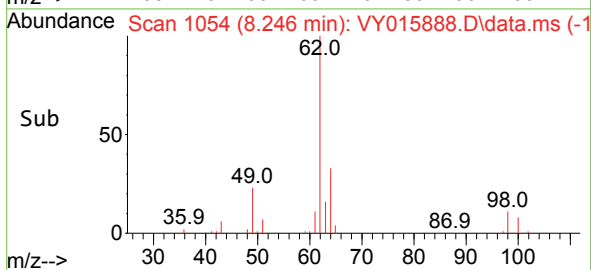
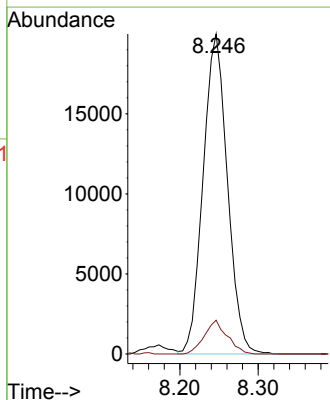
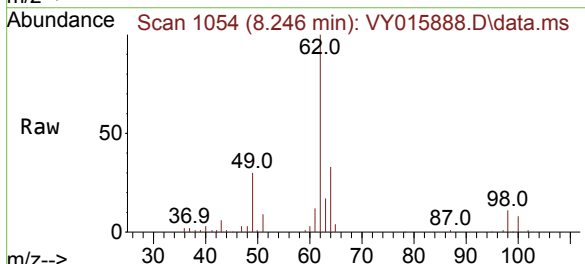


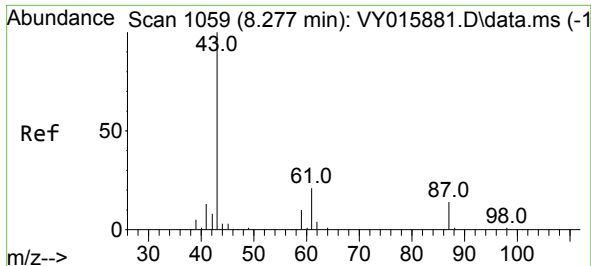
Tgt Ion: 41 Resp: 15887
Ion Ratio Lower Upper
41 100
39 60.1 52.1 78.1
67 98.6 66.2 99.2
52 39.6 29.9 44.9



#42
1,2-Dichloroethane
Concen: 21.324 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

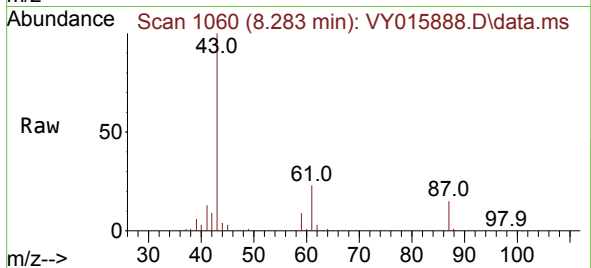
Tgt Ion: 62 Resp: 43080
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8



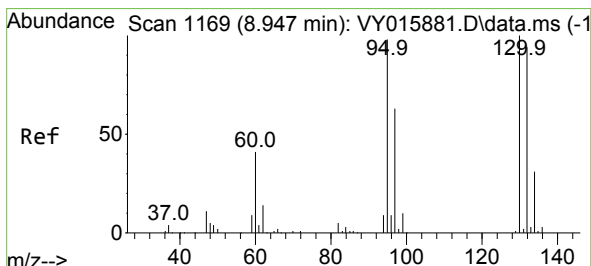
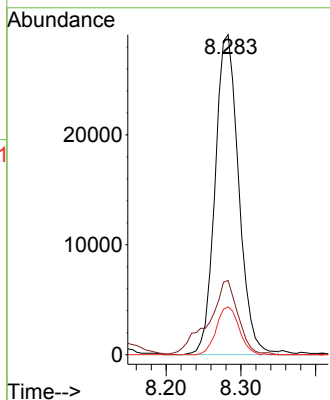
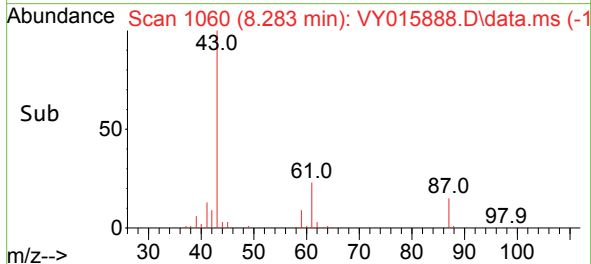


#43
Isopropyl Acetate
Concen: 21.312 ug/l
RT: 8.283 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Instrument :
MSVOA_Y
ClientSampleId :

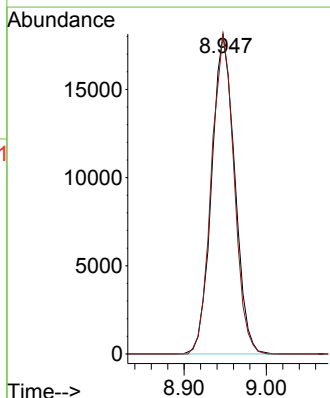
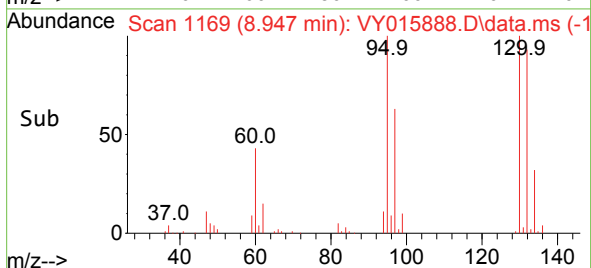
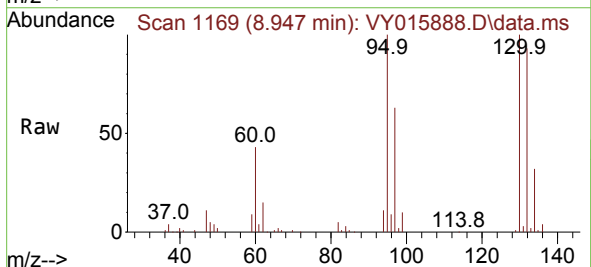


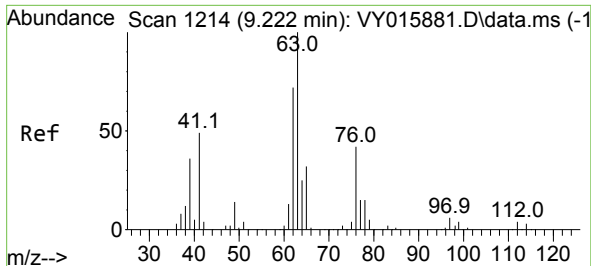
Tgt Ion: 43 Resp: 63898
Ion Ratio Lower Upper
43 100
61 29.1 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 20.564 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion:130 Resp: 35268
Ion Ratio Lower Upper
130 100
95 100.2 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.668 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

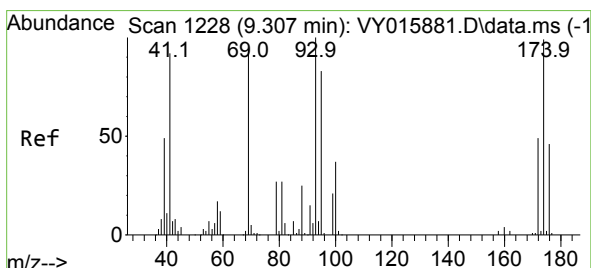
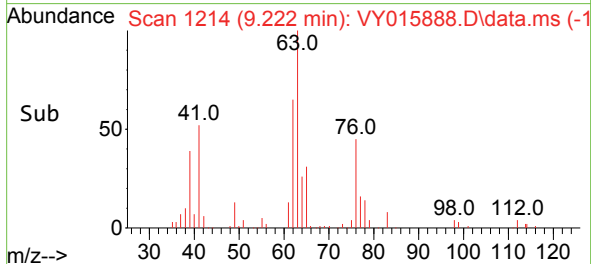
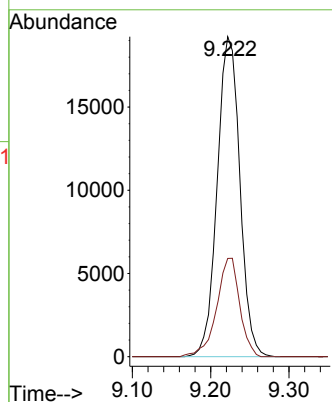
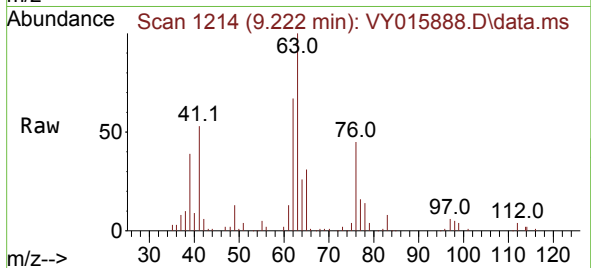
ClientSampleId :

Tgt Ion: 63 Resp: 38628

Ion Ratio Lower Upper

63 100

65 30.7 23.8 35.6



#46

Dibromomethane

Concen: 21.180 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

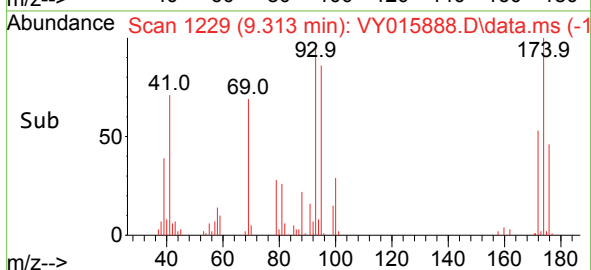
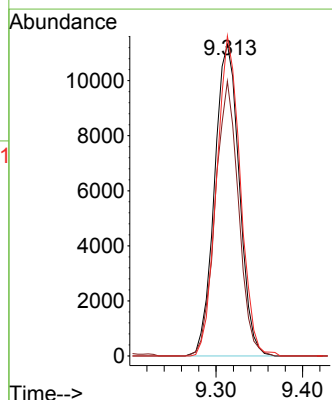
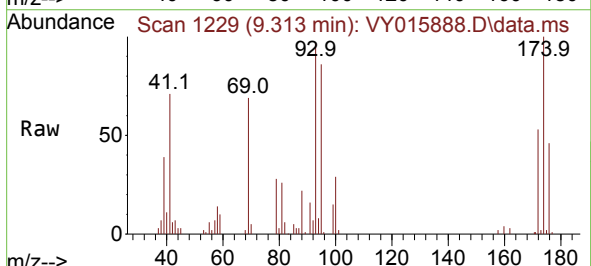
Tgt Ion: 93 Resp: 22469

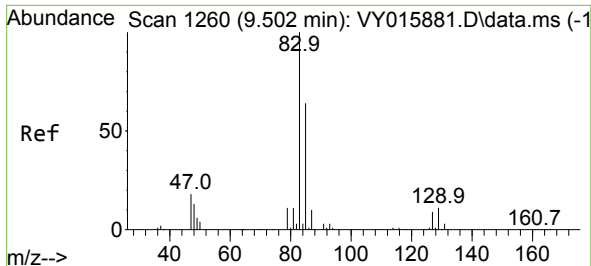
Ion Ratio Lower Upper

93 100

95 82.8 66.6 100.0

174 98.3 84.8 127.2

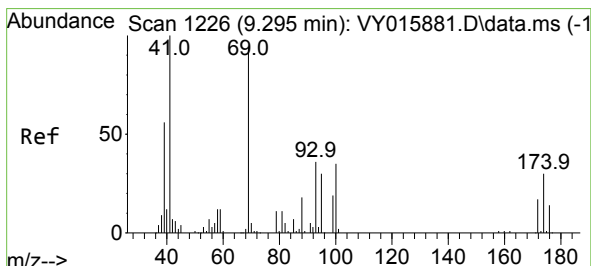
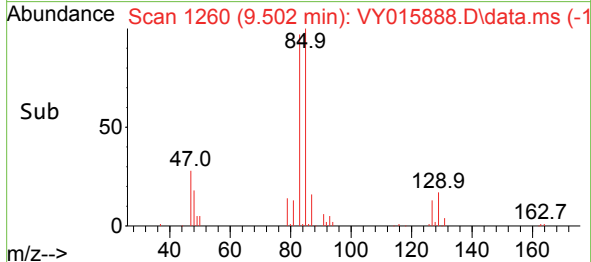
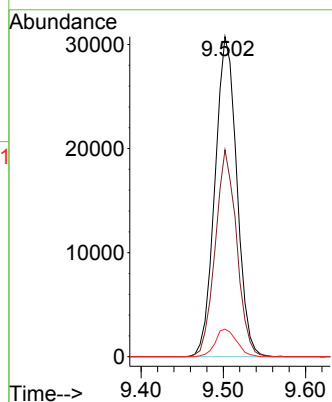
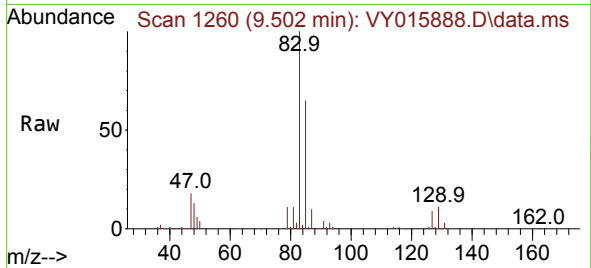




#47
Bromodichloromethane
Concen: 21.487 ug/l
RT: 9.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

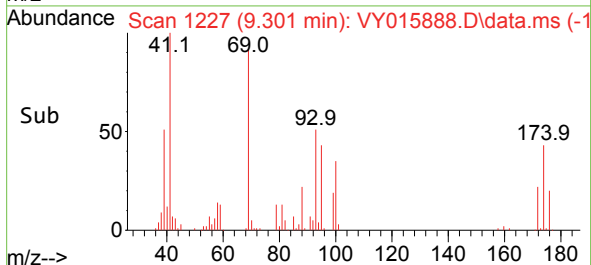
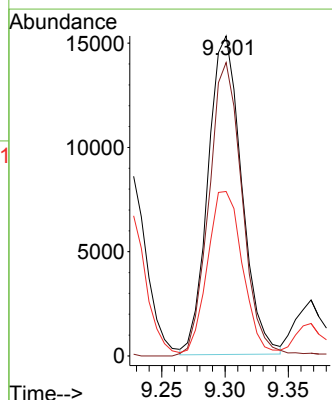
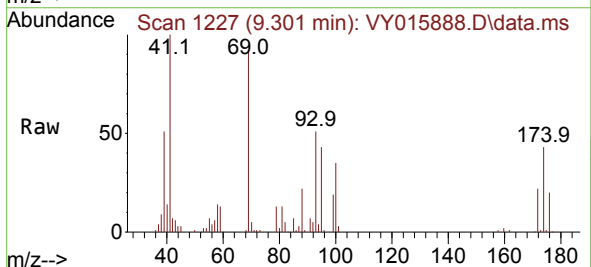
Instrument :
MSVOA_Y
ClientSampleId :

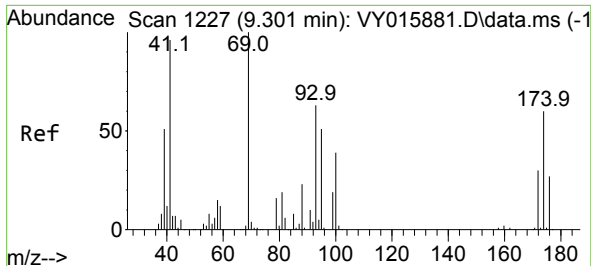
Tgt Ion: 83 Resp: 56691
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 8.6 7.1 10.7



#48
Methyl methacrylate
Concen: 21.368 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 41 Resp: 28293
Ion Ratio Lower Upper
41 100
69 91.4 64.5 96.7
39 54.4 50.8 76.2

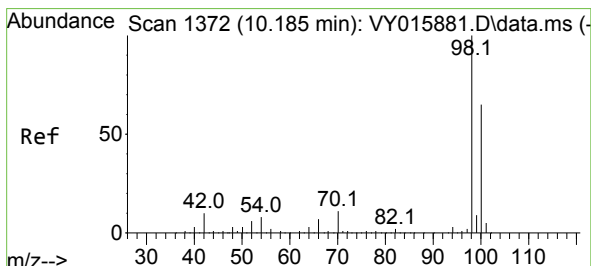
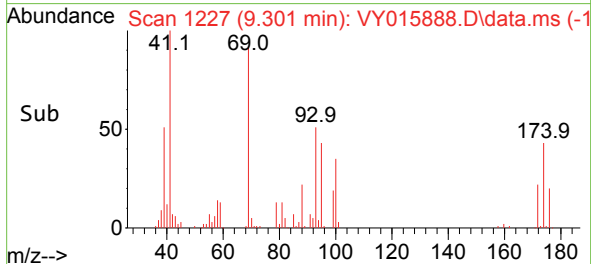
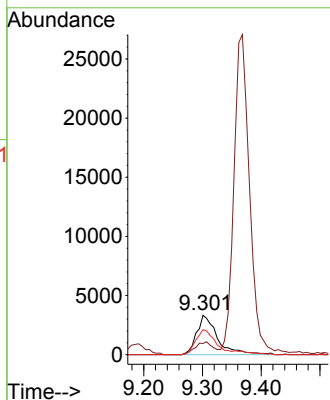
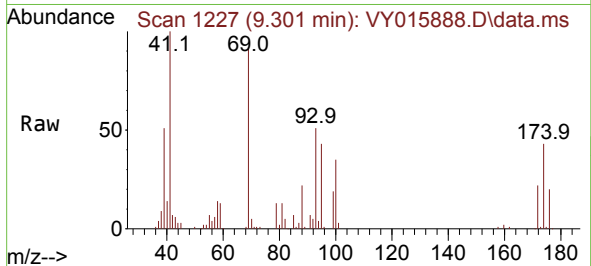




#49
1,4-Dioxane
Concen: 448.125 ug/l
RT: 9.301 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

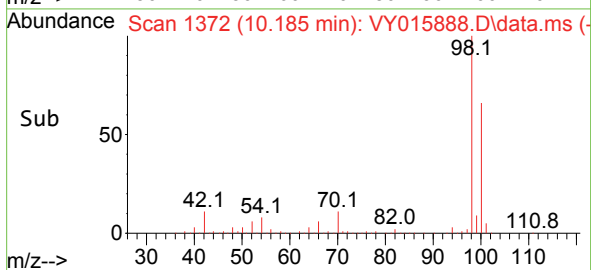
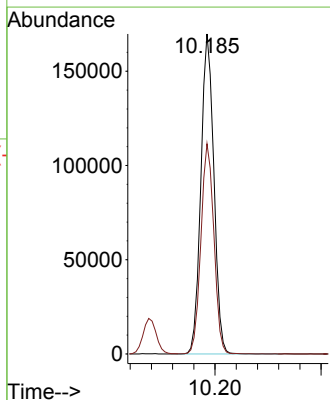
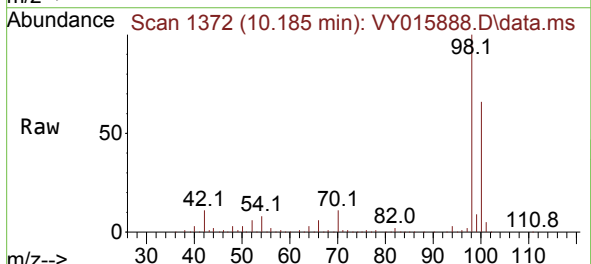
Instrument :
MSVOA_Y
ClientSampleId :

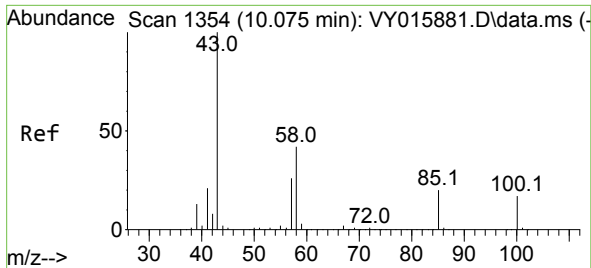
Tgt Ion: 88 Resp: 8264
Ion Ratio Lower Upper
88 100
43 27.4 0.0 0.0#
58 67.6 30.9 46.3#



#50
Toluene-d8
Concen: 51.313 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 98 Resp: 287969
Ion Ratio Lower Upper
98 100
100 65.7 50.1 75.1

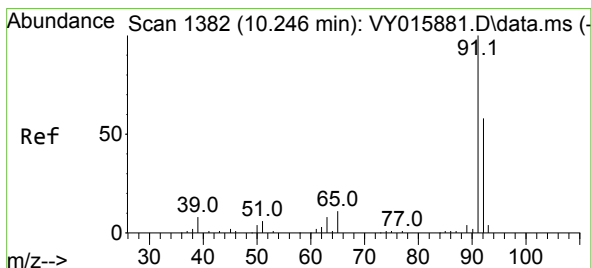
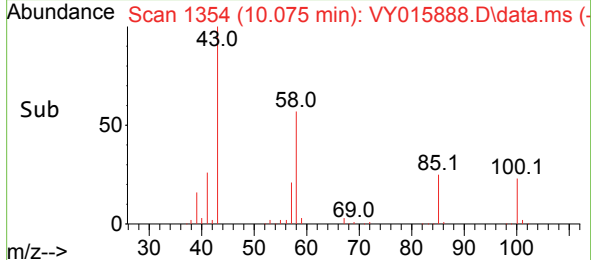
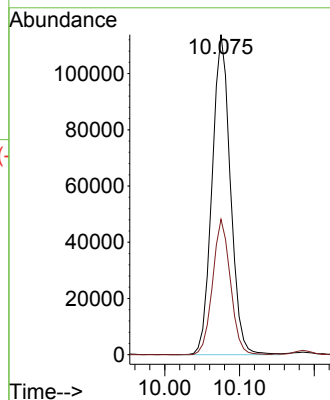
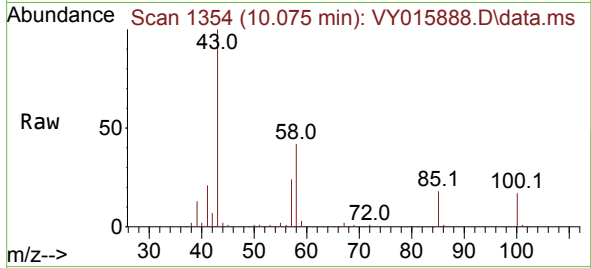




#51
4-Methyl-2-Pentanone
Concen: 108.290 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

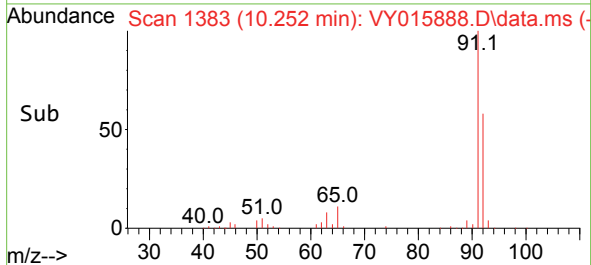
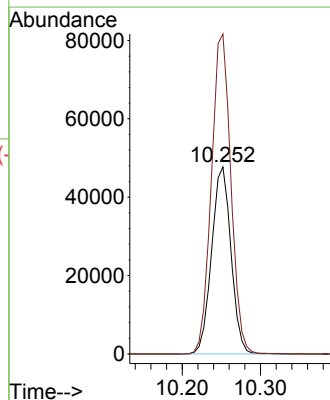
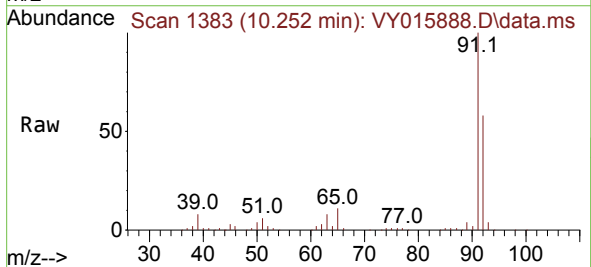
Instrument :
MSVOA_Y
ClientSampleId :

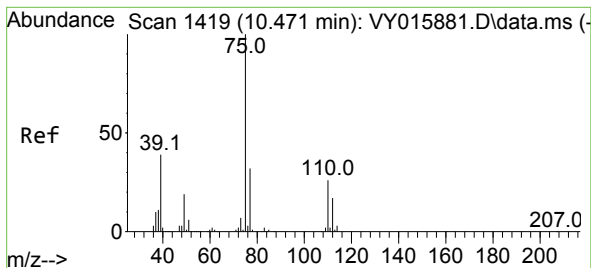
Tgt Ion: 43 Resp: 194247
Ion Ratio Lower Upper
43 100
58 41.1 29.0 43.6



#52
Toluene
Concen: 20.814 ug/l
RT: 10.252 min Scan# 1383
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 92 Resp: 81883
Ion Ratio Lower Upper
92 100
91 172.2 143.8 215.6

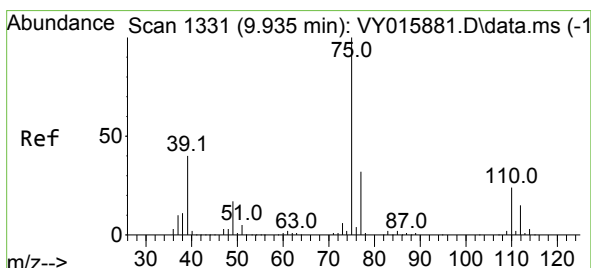
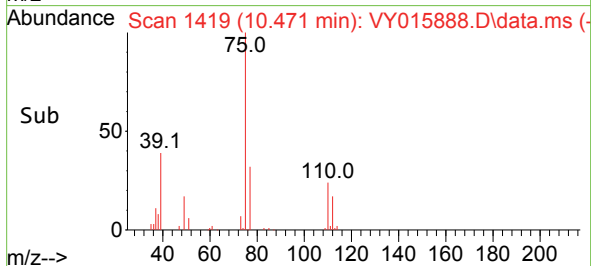
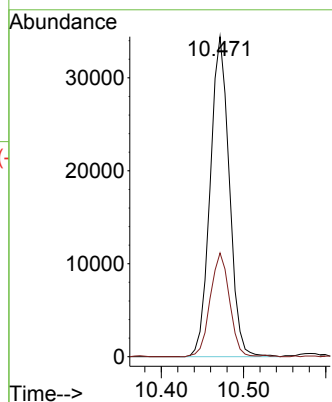
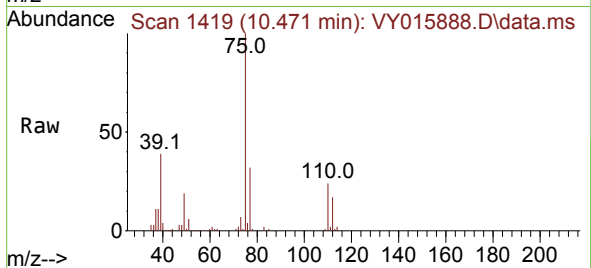




#53
t-1,3-Dichloropropene
Concen: 20.830 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

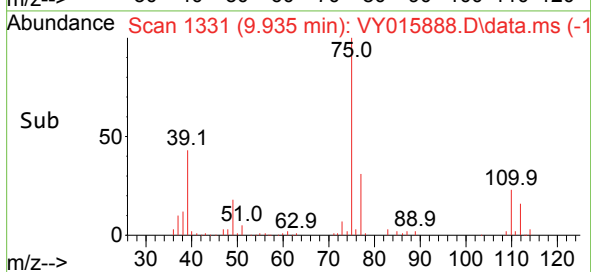
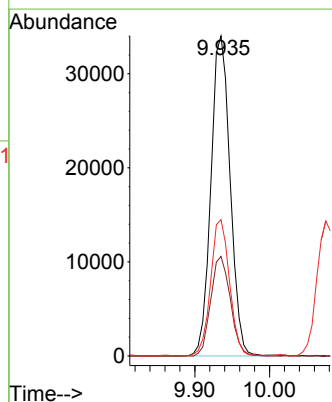
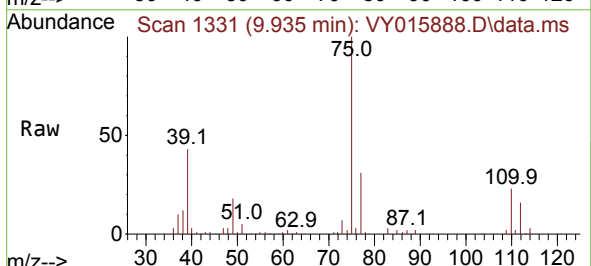
Instrument :
MSVOA_Y
ClientSampleId :

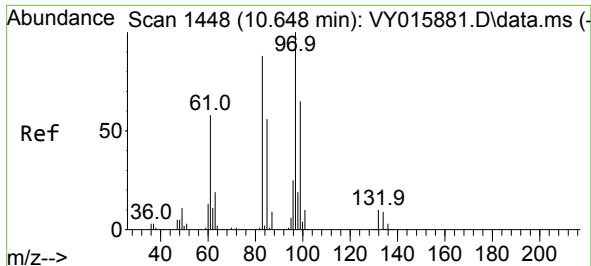
Tgt Ion: 75 Resp: 55559
Ion Ratio Lower Upper
75 100
77 32.4 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 21.044 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

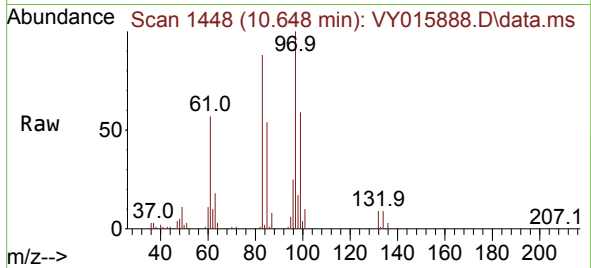
Tgt Ion: 75 Resp: 60972
Ion Ratio Lower Upper
75 100
77 31.1 24.2 36.4
39 42.6 42.2 63.4



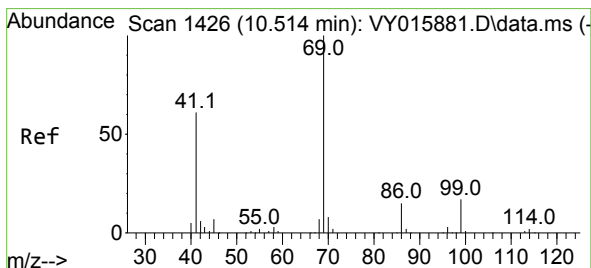
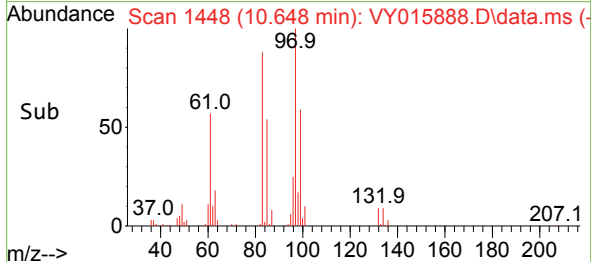
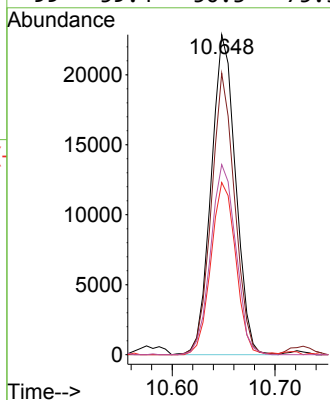


#55
1,1,2-Trichloroethane
Concen: 22.338 ug/l
RT: 10.648 min Scan# 1448
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Instrument :
MSVOA_Y
ClientSampleId :

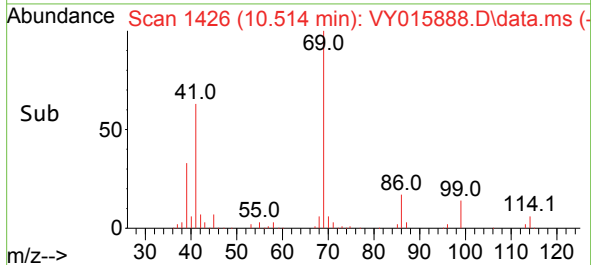
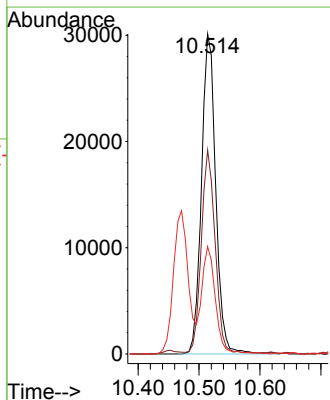
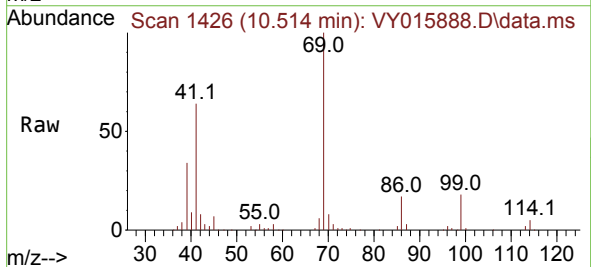


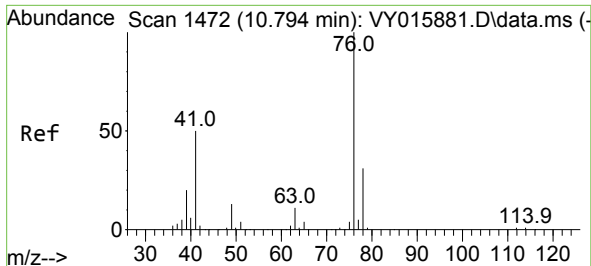
Tgt Ion:	97	Resp:	37734
Ion	Ratio	Lower	Upper
97	100		
83	88.0	72.0	108.0
85	53.8	45.4	68.0
99	59.4	50.3	75.5



#56
Ethyl methacrylate
Concen: 21.401 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion:	69	Resp:	49078
Ion	Ratio	Lower	Upper
69	100		
41	61.1	57.6	86.4
39	30.8	34.1	51.1#





#57

1,3-Dichloropropane

Concen: 21.515 ug/l

RT: 10.794 min Scan# 1472

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

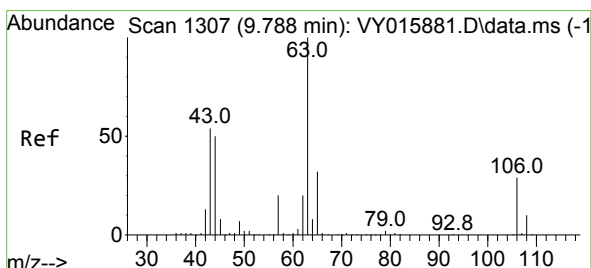
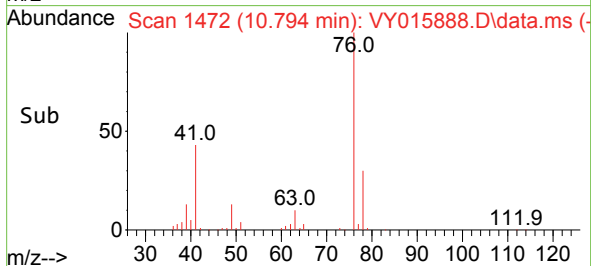
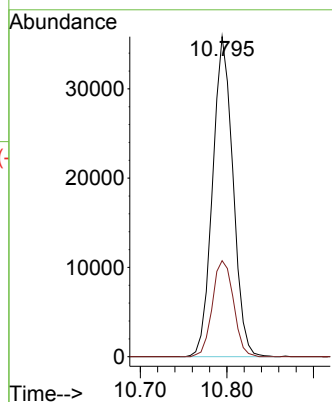
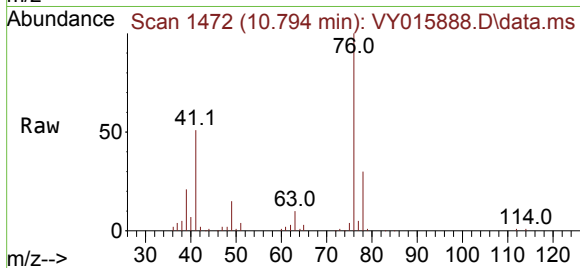
ClientSampleId :

Tgt Ion: 76 Resp: 58594

Ion Ratio Lower Upper

76 100

78 31.1 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 106.726 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.000 min

Lab File: VY015888.D

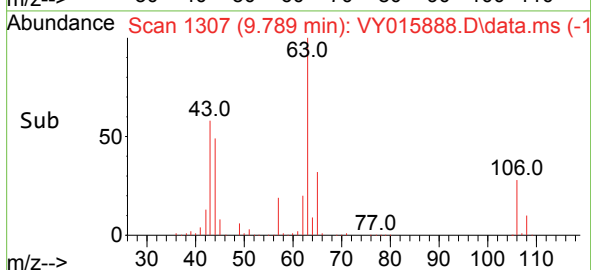
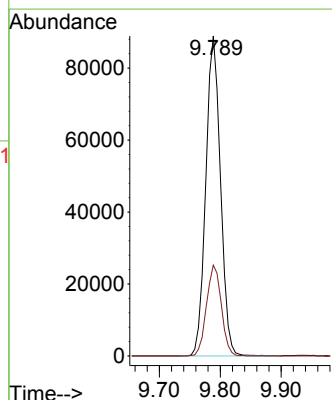
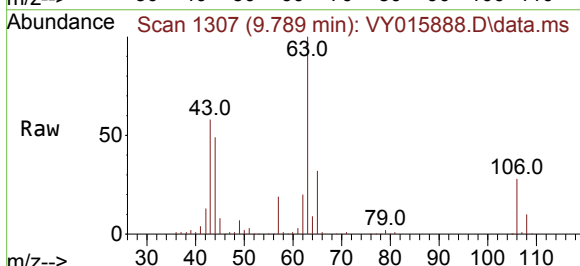
Acq: 10 Oct 2023 11:02

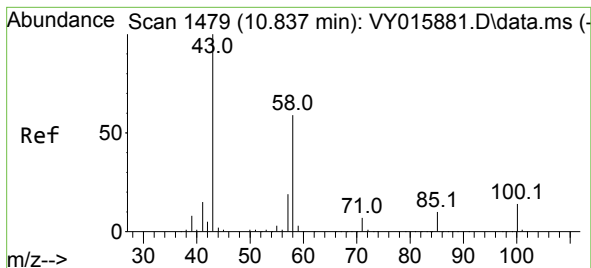
Tgt Ion: 63 Resp: 149180

Ion Ratio Lower Upper

63 100

106 28.6 21.2 31.8

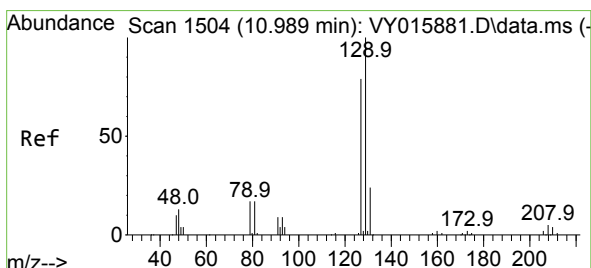
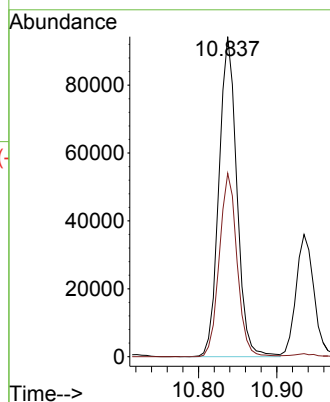
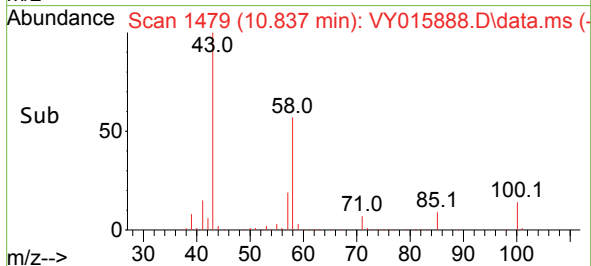
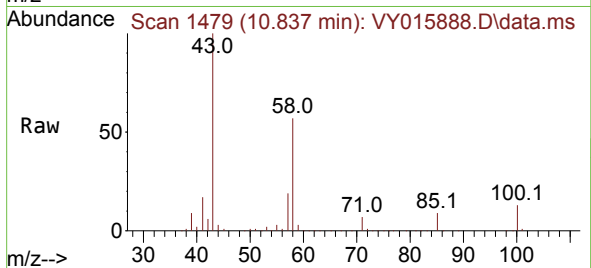




#59
2-Hexanone
Concen: 110.499 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

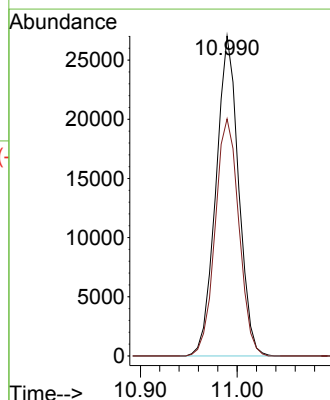
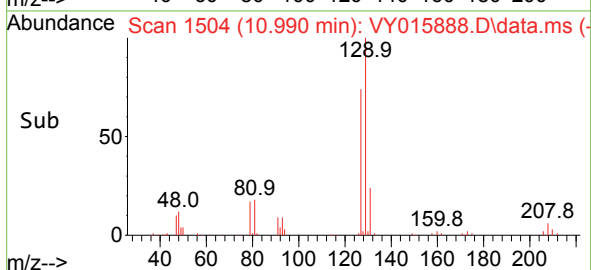
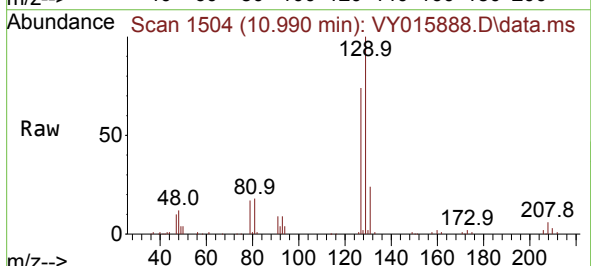
Instrument :
MSVOA_Y
ClientSampleId :

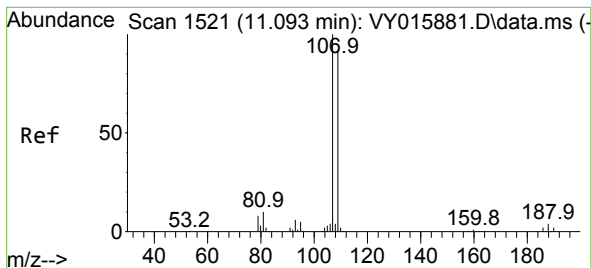
Tgt Ion: 43 Resp: 149955
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3



#60
Dibromochloromethane
Concen: 21.707 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion:129 Resp: 43957
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5





#61

1,2-Dibromoethane

Concen: 21.353 ug/l

RT: 11.093 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

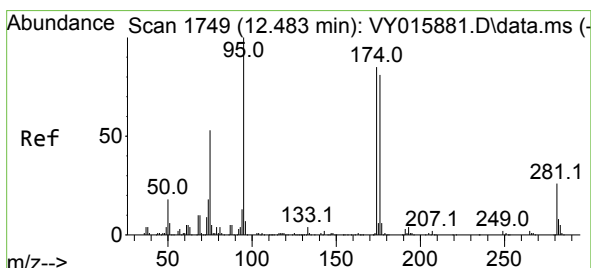
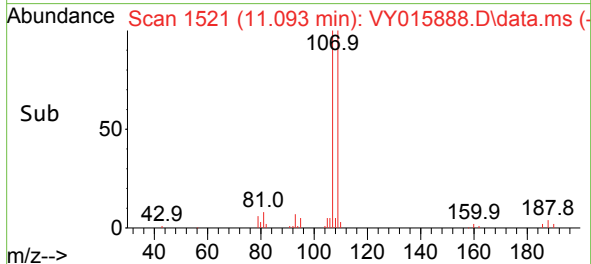
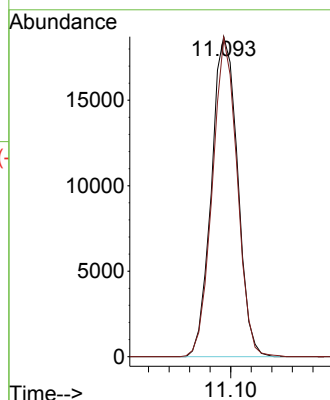
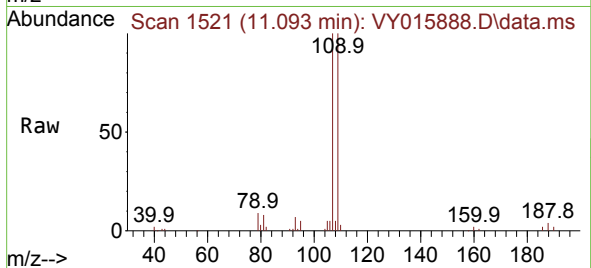
ClientSampleId :

Tgt Ion:107 Resp: 32943

Ion Ratio Lower Upper

107 100

109 94.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 48.589 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

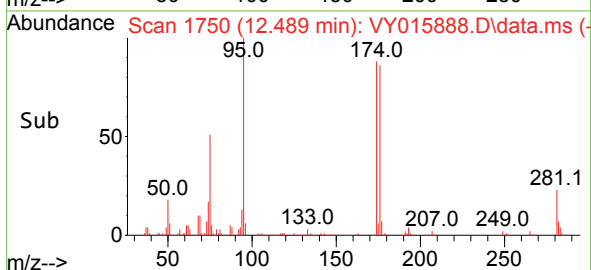
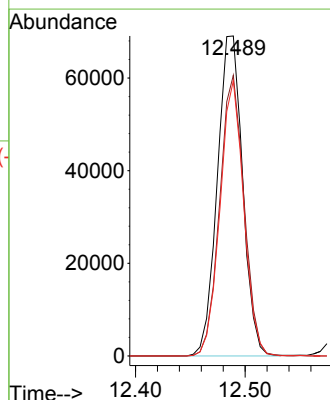
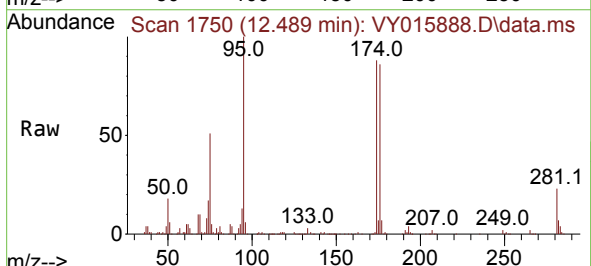
Tgt Ion: 95 Resp: 110756

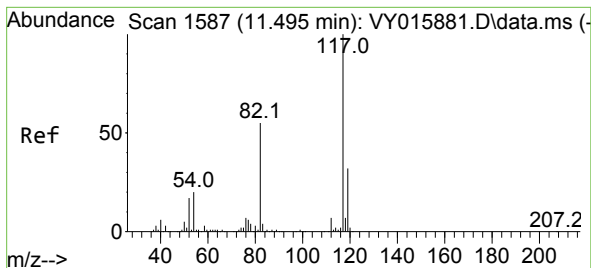
Ion Ratio Lower Upper

95 100

174 84.4 0.0 178.2

176 80.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

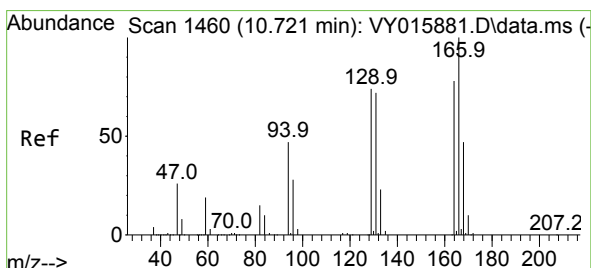
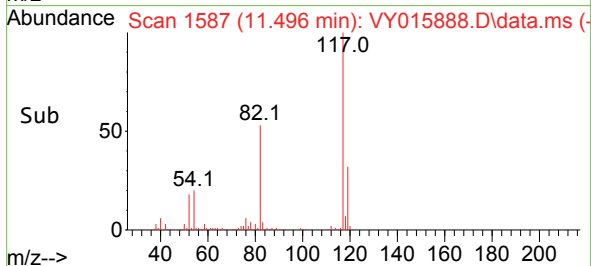
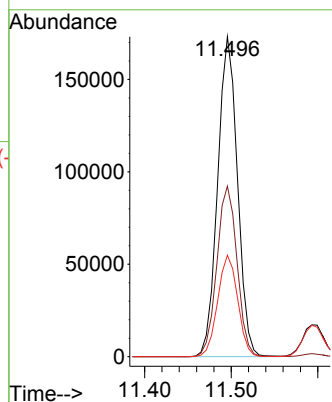
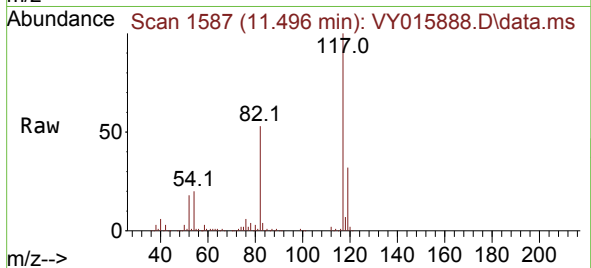
Tgt Ion:117 Resp: 275163

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 31.7 26.3 39.5



#64

Tetrachloroethene

Concen: 20.565 ug/l

RT: 10.727 min Scan# 1461

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Tgt Ion:164 Resp: 36929

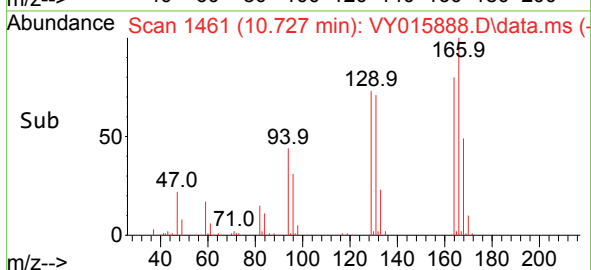
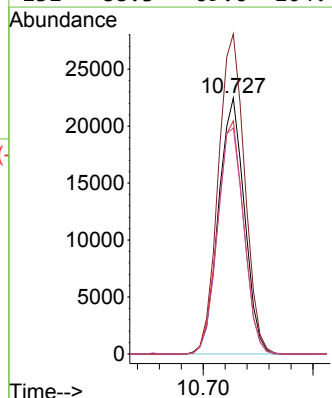
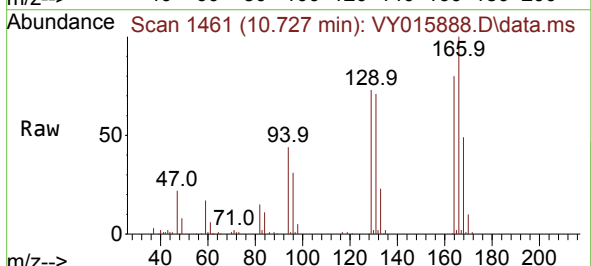
Ion Ratio Lower Upper

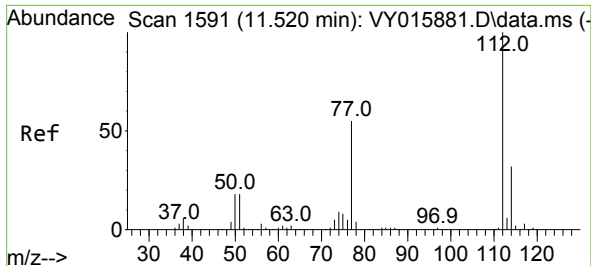
164 100

166 125.0 103.0 154.6

129 91.1 77.2 115.8

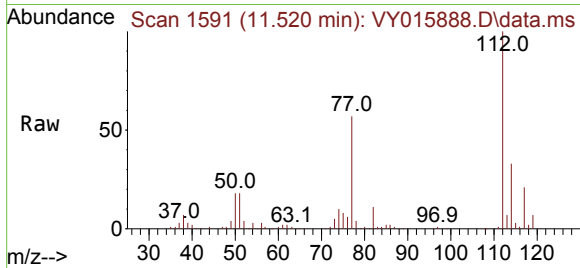
131 88.3 69.6 104.4



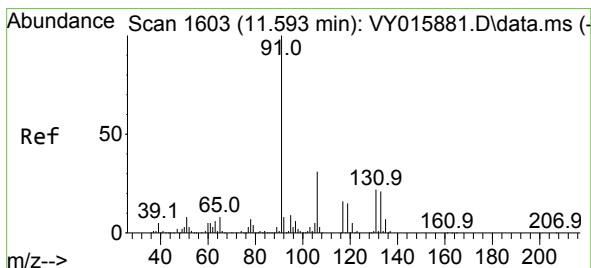
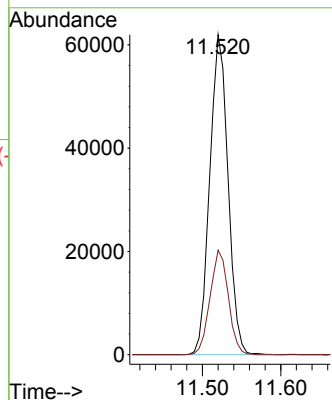
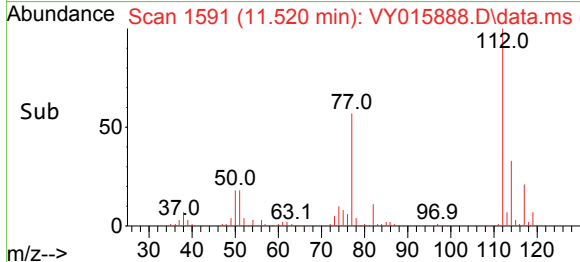


#65
Chlorobenzene
Concen: 20.895 ug/l
RT: 11.520 min Scan# 11591
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

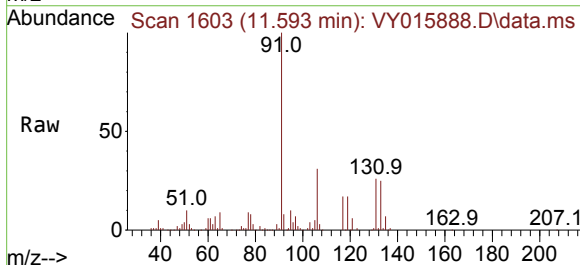
Instrument :
MSVOA_Y
ClientSampleId :



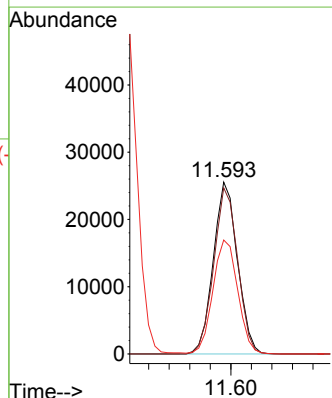
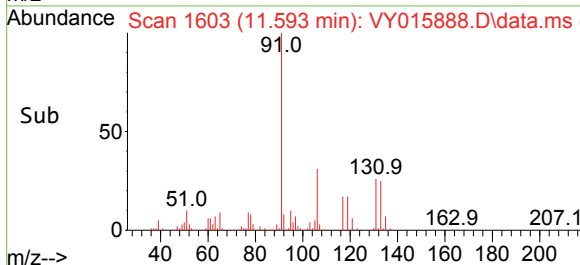
Tgt Ion:112 Resp: 100286
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3

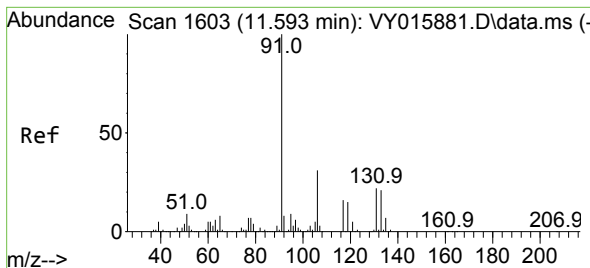


#66
1,1,1,2-Tetrachloroethane
Concen: 21.204 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02



Tgt Ion:131 Resp: 41597
Ion Ratio Lower Upper
131 100
133 95.9 47.5 142.6
119 68.4 31.6 94.7





#67

Ethyl Benzene

Concen: 20.697 ug/l

RT: 11.599 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

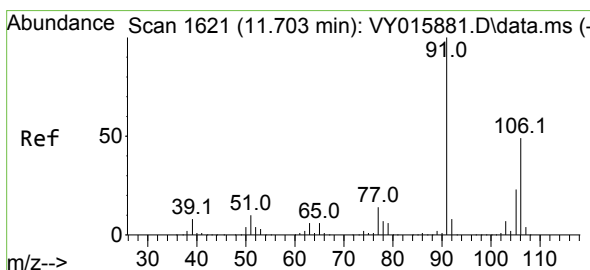
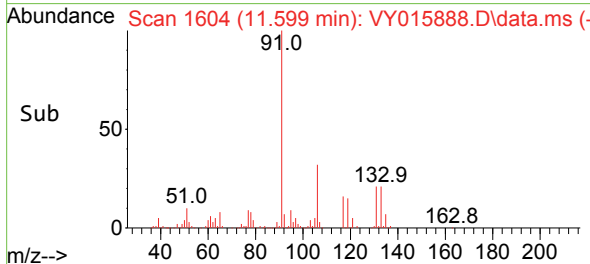
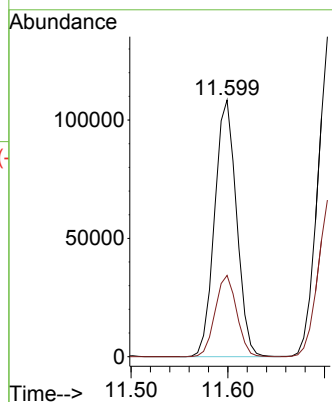
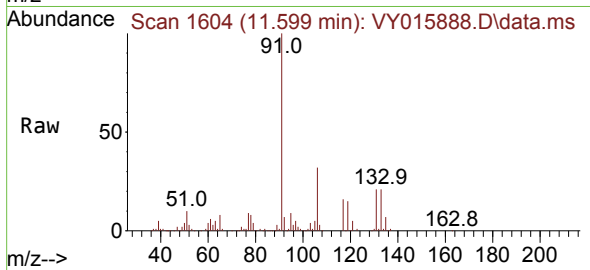
ClientSampleId :

Tgt Ion: 91 Resp: 170422

Ion Ratio Lower Upper

91 100

106 31.7 24.6 36.8



#68

m/p-Xylenes

Concen: 41.640 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY015888.D

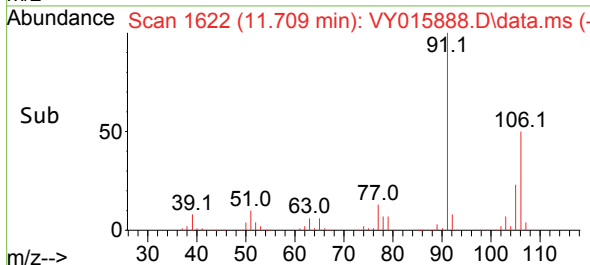
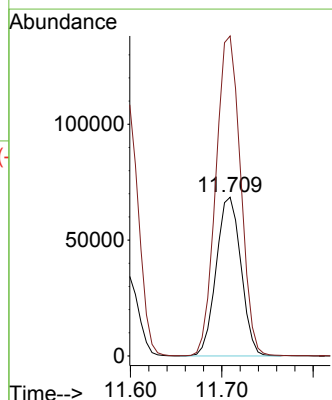
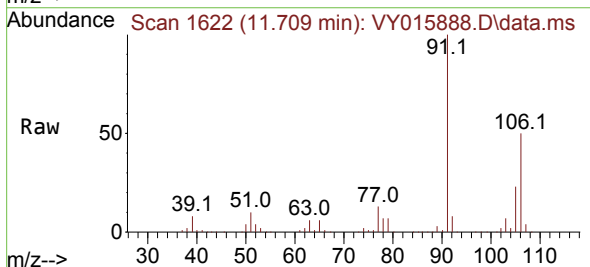
Acq: 10 Oct 2023 11:02

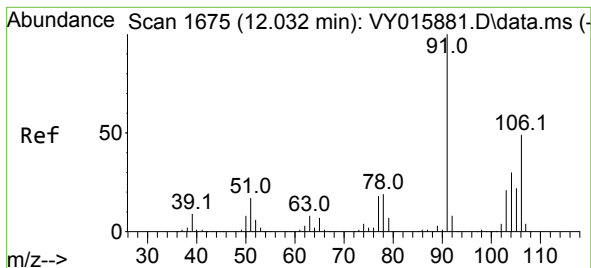
Tgt Ion:106 Resp: 129196

Ion Ratio Lower Upper

106 100

91 201.6 166.1 249.1





#69

o-Xylene

Concen: 21.073 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

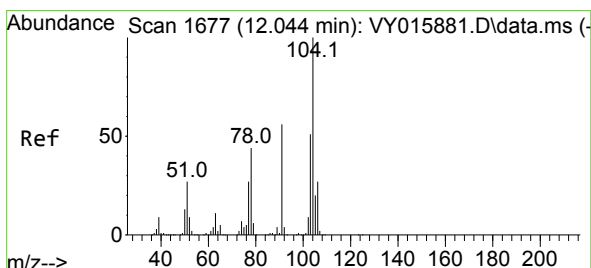
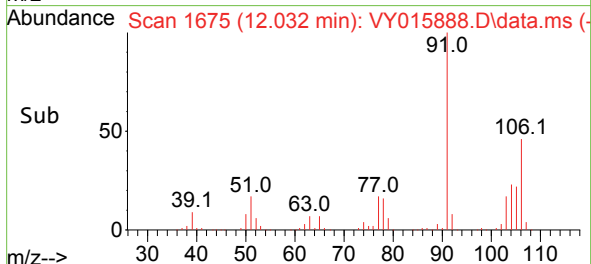
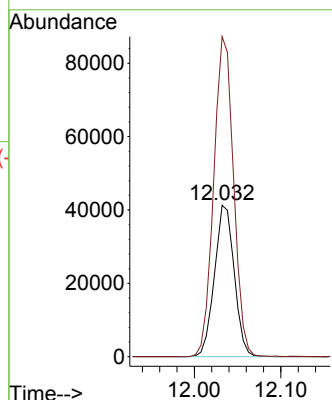
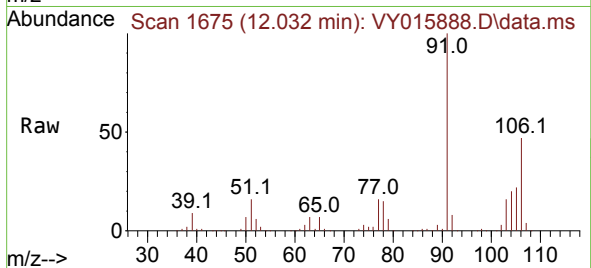
ClientSampleId :

Tgt Ion:106 Resp: 65418

Ion Ratio Lower Upper

106 100

91 212.6 108.1 324.3



#70

Styrene

Concen: 21.366 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

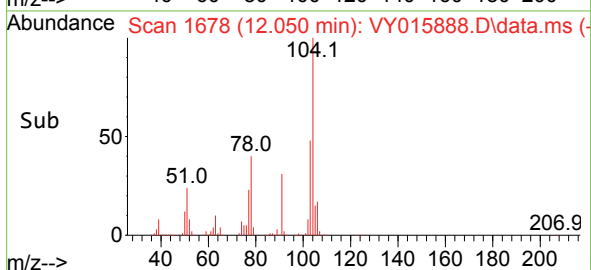
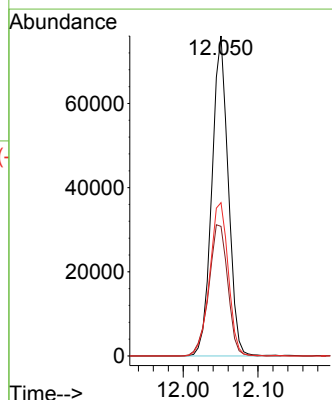
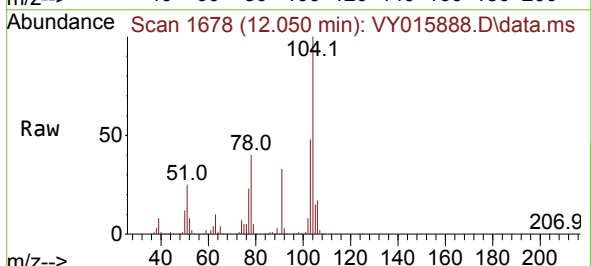
Tgt Ion:104 Resp: 115724

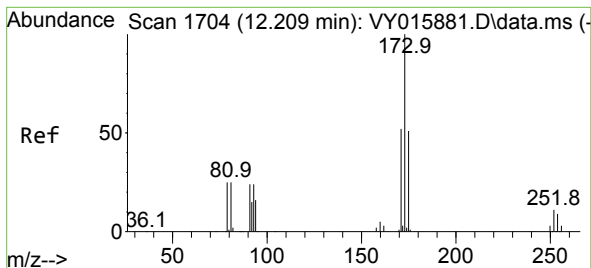
Ion Ratio Lower Upper

104 100

78 47.4 41.5 62.3

103 54.3 44.6 67.0





#71

Bromoform

Concen: 21.204 ug/l

RT: 12.215 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

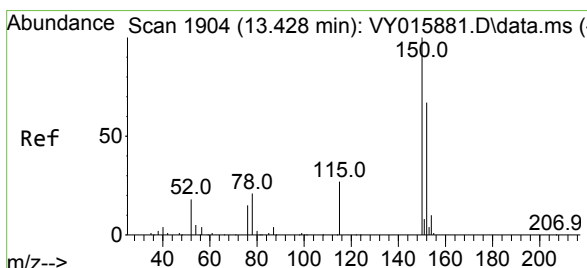
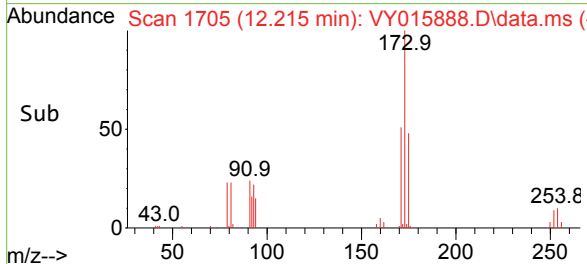
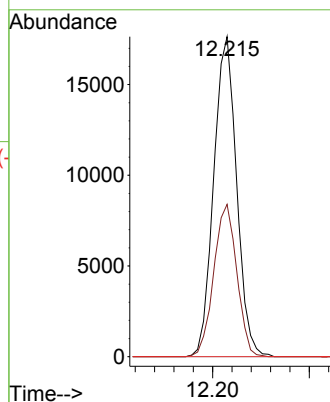
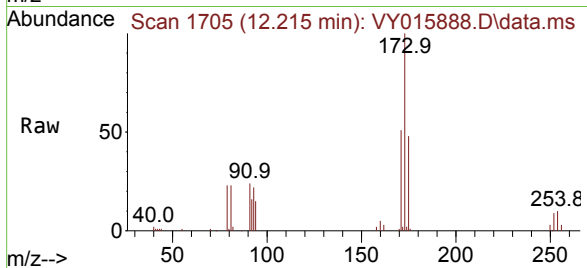
Tgt Ion:173 Resp: 28967

Ion Ratio Lower Upper

173 100

175 47.9 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

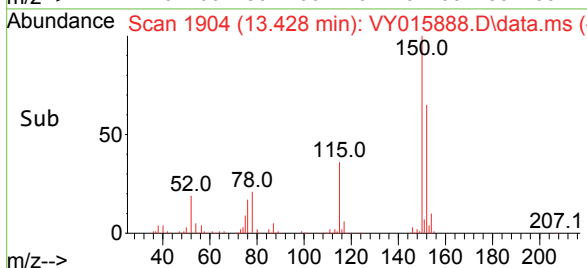
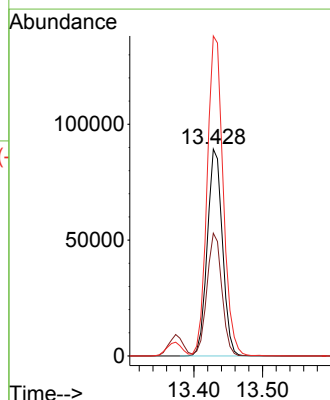
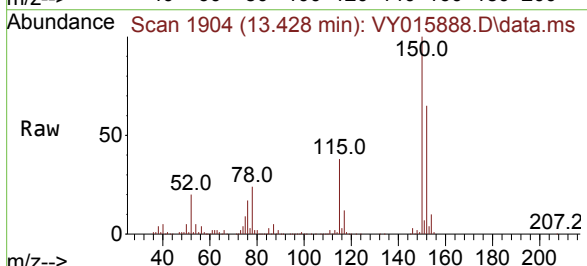
Tgt Ion:152 Resp: 137246

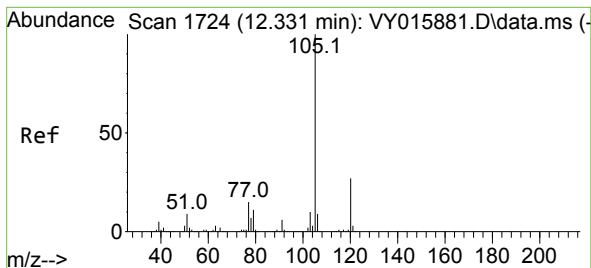
Ion Ratio Lower Upper

152 100

115 58.6 28.8 86.5

150 164.1 0.0 348.8





#73

Isopropylbenzene

Concen: 20.825 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

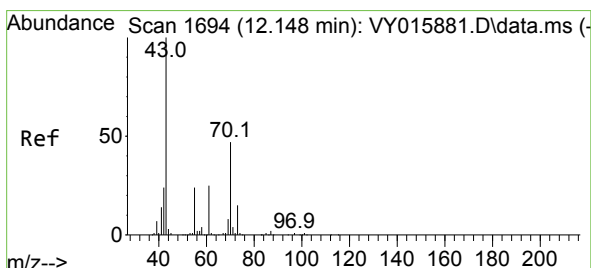
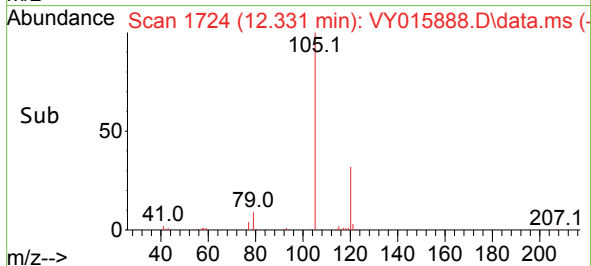
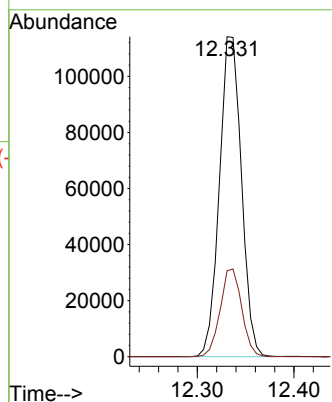
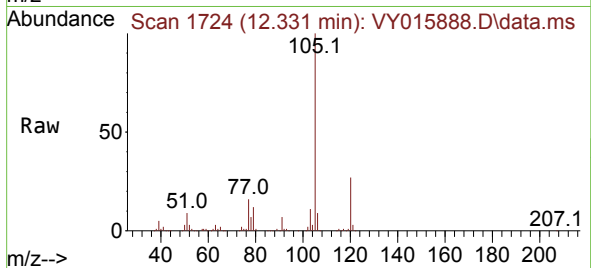
ClientSampleId :

Tgt Ion:105 Resp: 180298

Ion Ratio Lower Upper

105 100

120 26.8 13.3 39.9



#74

N-ethyl acetate

Concen: 21.699 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Tgt Ion: 43 Resp: 59202

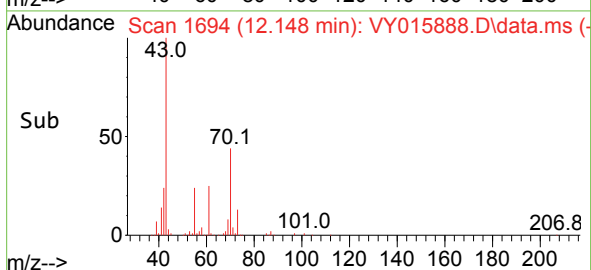
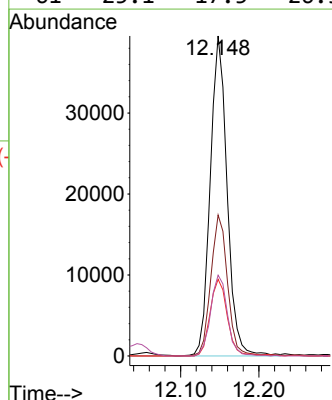
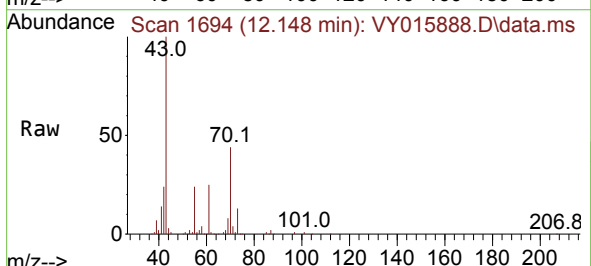
Ion Ratio Lower Upper

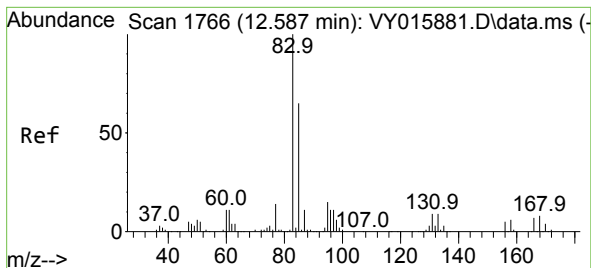
43 100

70 43.8 29.7 44.5

55 24.7 18.3 27.5

61 25.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.579 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

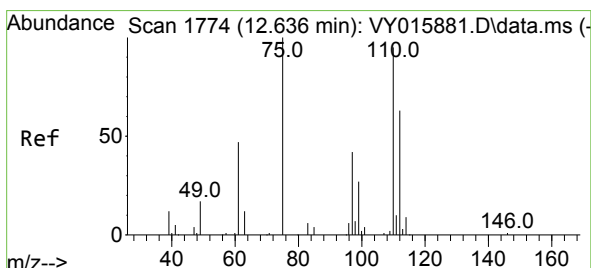
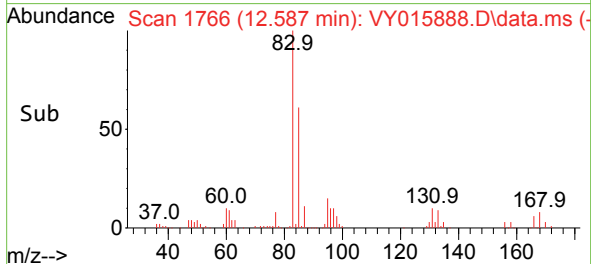
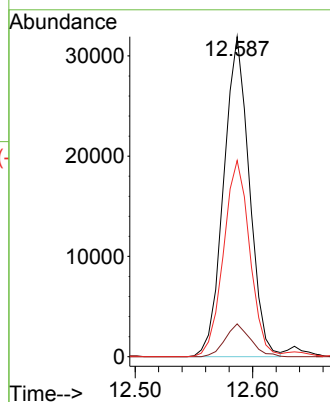
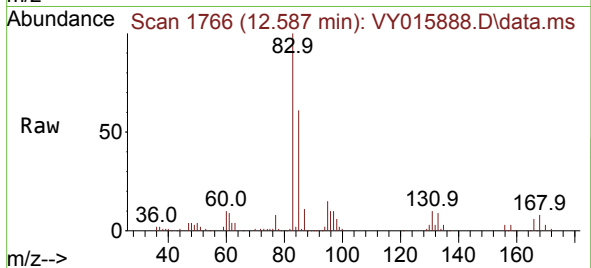
Tgt Ion: 83 Resp: 48442

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 62.8 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.446 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY015888.D

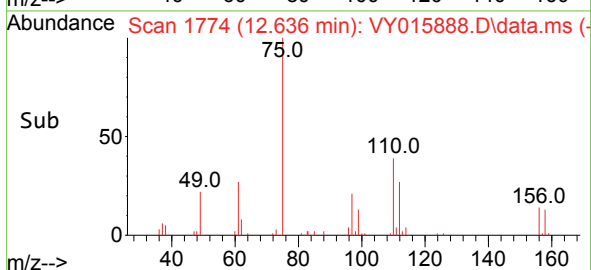
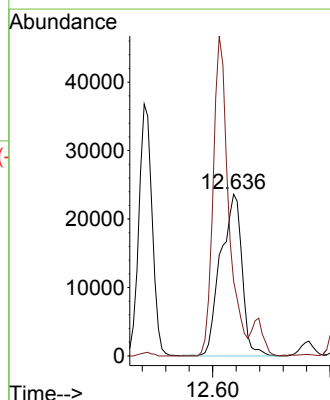
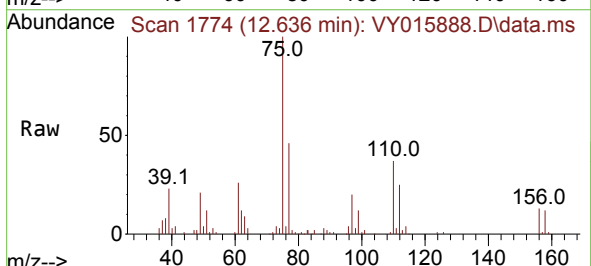
Acq: 10 Oct 2023 11:02

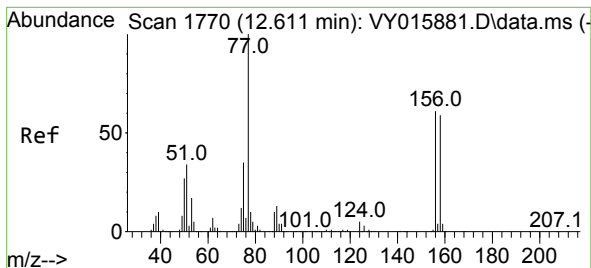
Tgt Ion: 75 Resp: 59995

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.985 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

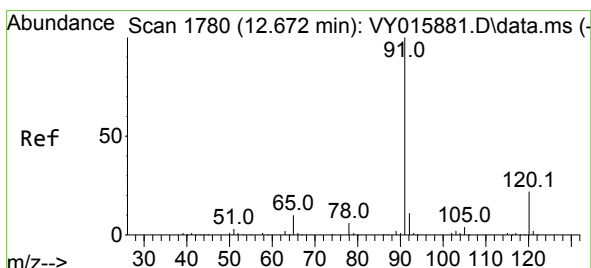
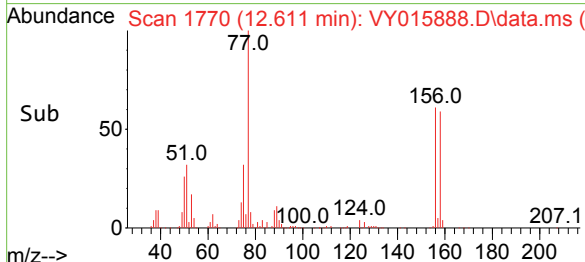
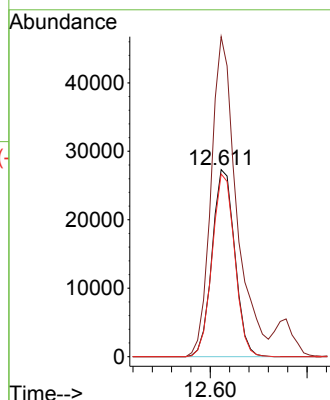
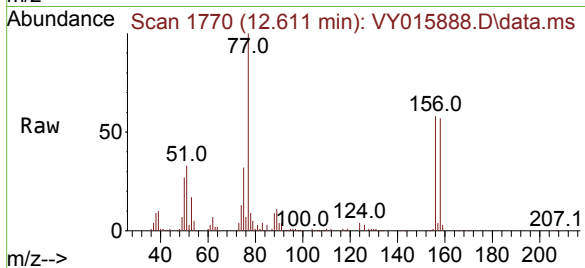
Tgt Ion:156 Resp: 44549

Ion Ratio Lower Upper

156 100

77 192.2 92.8 278.6

158 96.9 48.4 145.3



#78

n-propylbenzene

Concen: 20.958 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.006 min

Lab File: VY015888.D

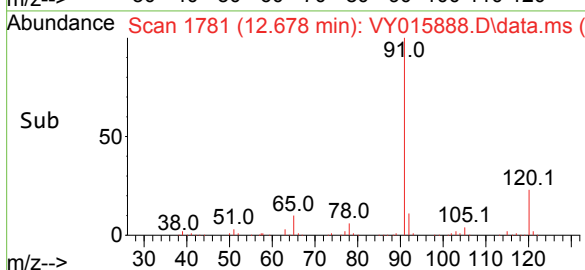
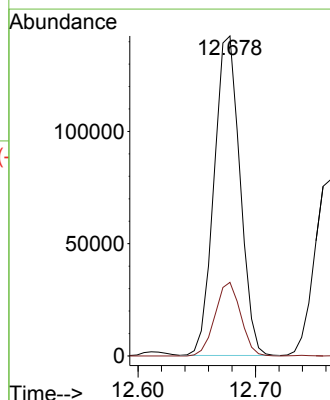
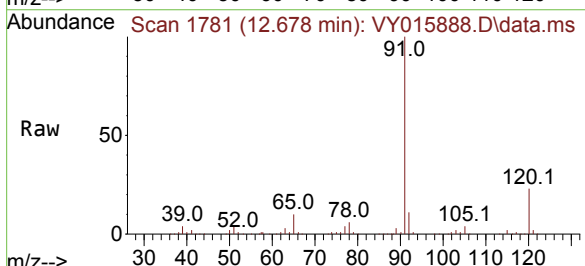
Acq: 10 Oct 2023 11:02

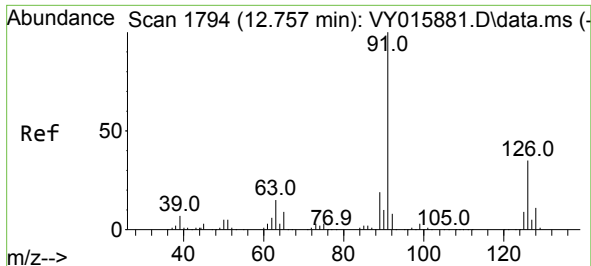
Tgt Ion: 91 Resp: 218205

Ion Ratio Lower Upper

91 100

120 22.8 11.5 34.4





#79

2-Chlorotoluene

Concen: 21.123 ug/l

RT: 12.764 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

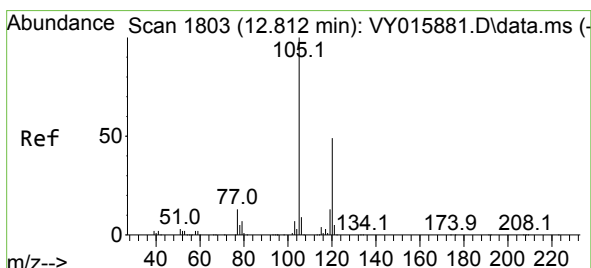
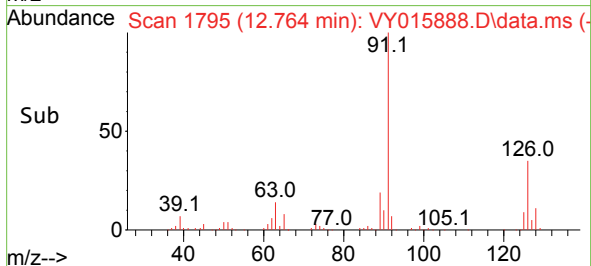
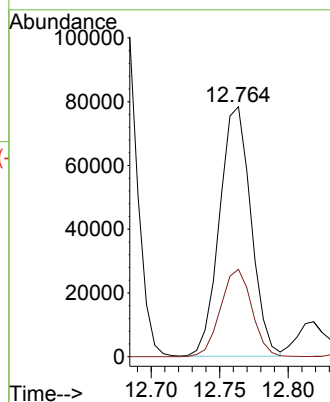
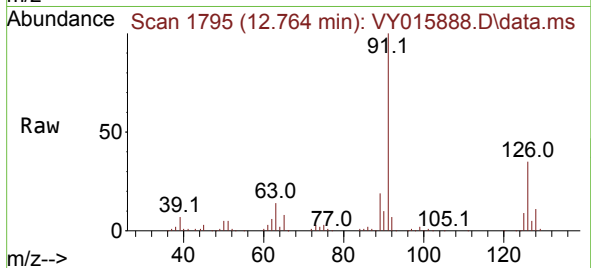
ClientSampleId :

Tgt Ion: 91 Resp: 125276

Ion Ratio Lower Upper

91 100

126 34.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 21.287 ug/l

RT: 12.819 min Scan# 1804

Delta R.T. 0.006 min

Lab File: VY015888.D

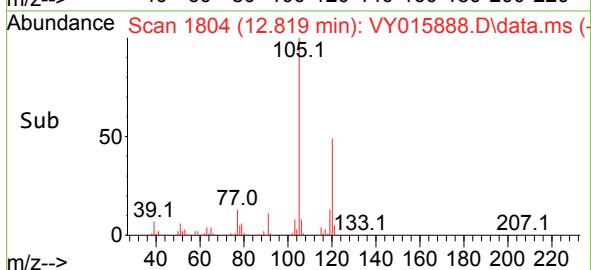
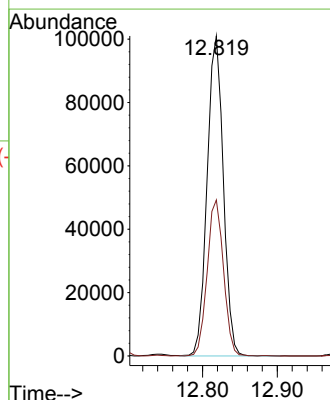
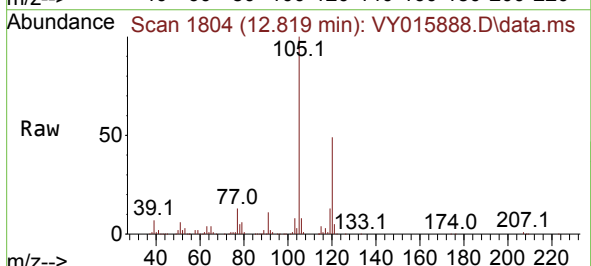
Acq: 10 Oct 2023 11:02

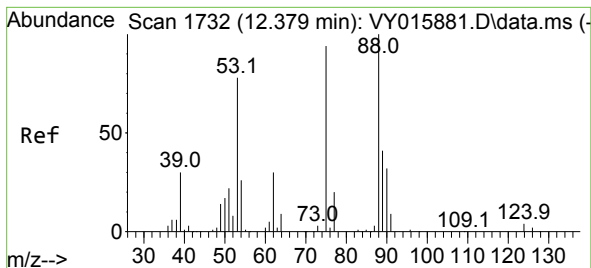
Tgt Ion:105 Resp: 151894

Ion Ratio Lower Upper

105 100

120 49.1 23.9 71.7

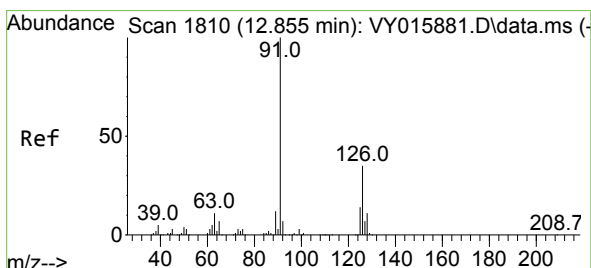
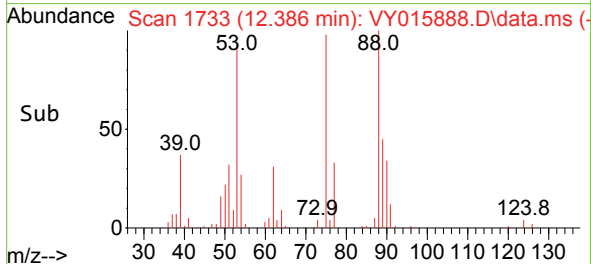
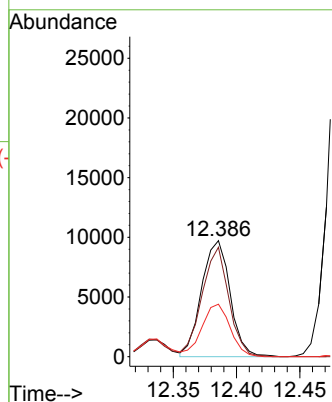
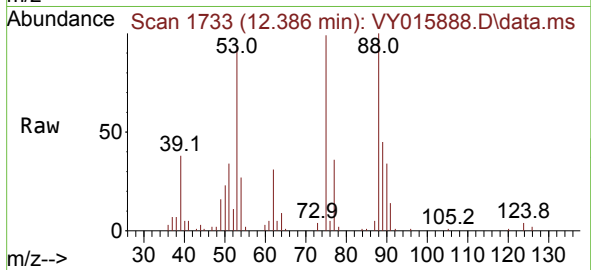




#81
trans-1,4-Dichloro-2-butene
Concen: 21.146 ug/l
RT: 12.386 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

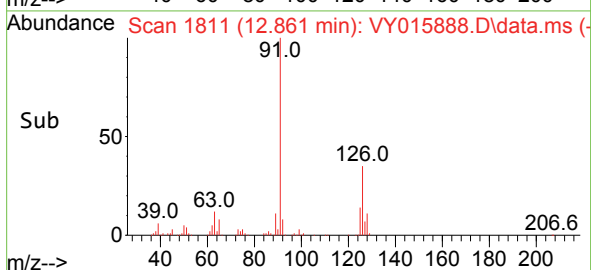
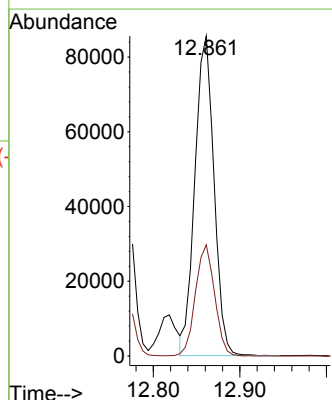
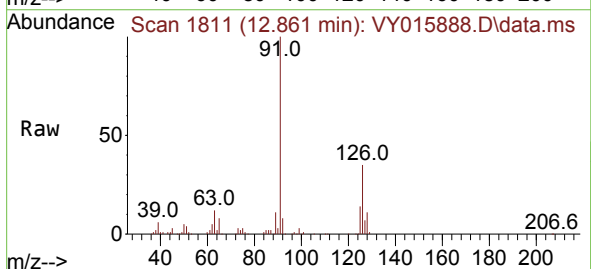
Instrument :
MSVOA_Y
ClientSampleId :

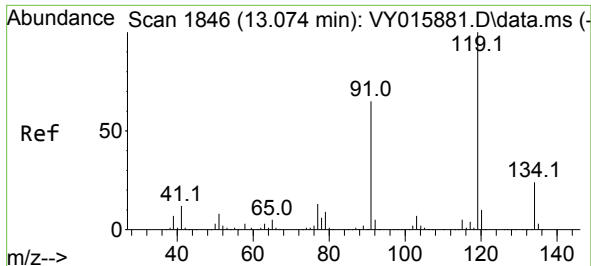
Tgt Ion: 75 Resp: 15278
Ion Ratio Lower Upper
75 100
53 88.5 77.8 116.8
89 44.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 21.164 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion: 91 Resp: 130802
Ion Ratio Lower Upper
91 100
126 35.0 17.2 51.6

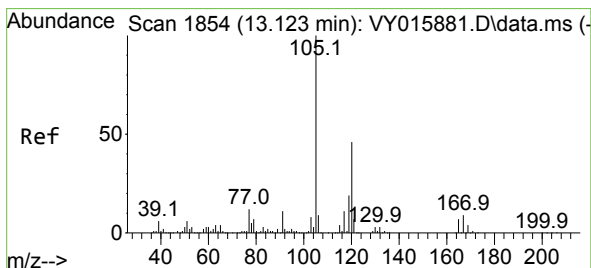
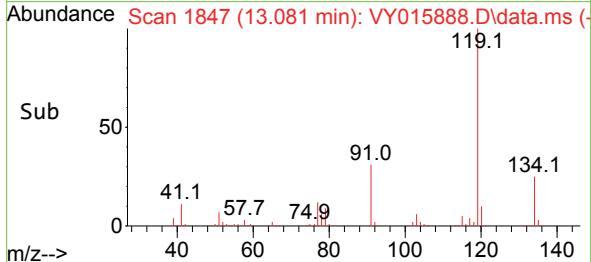
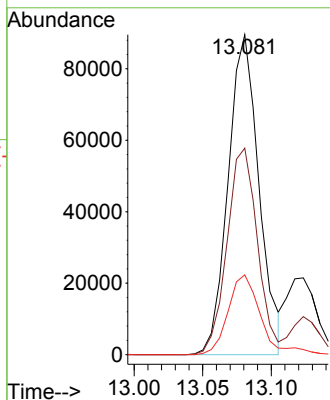
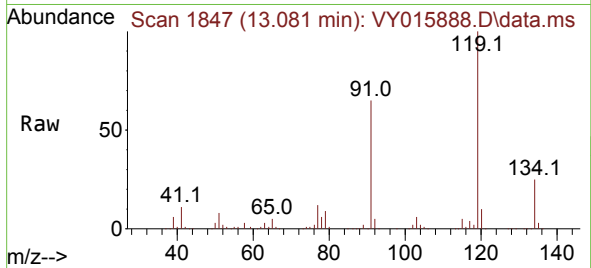




#83
tert-Butylbenzene
Concen: 21.066 ug/l
RT: 13.081 min Scan# 1847
Delta R.T. 0.006 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

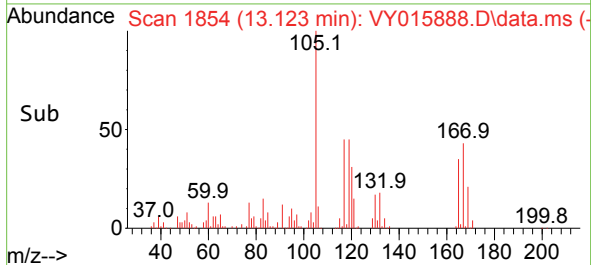
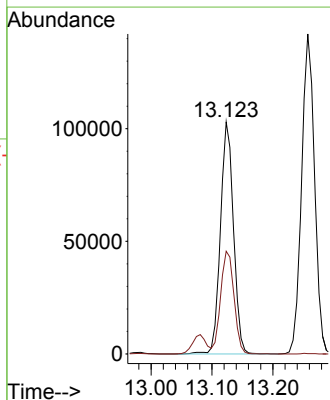
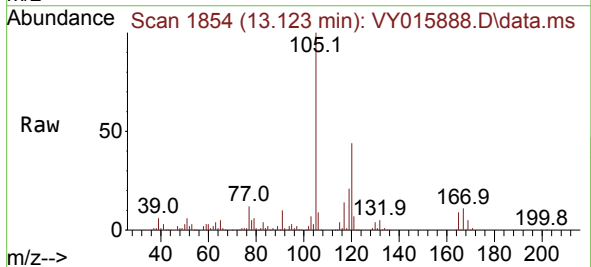
Instrument :
MSVOA_Y
ClientSampleId :

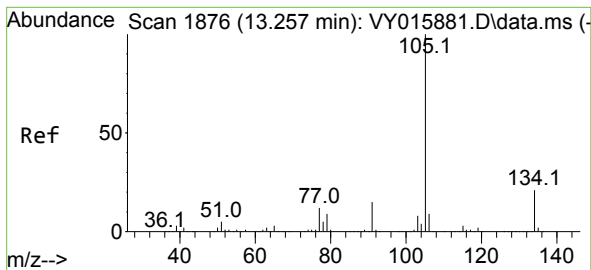
Tgt Ion:119 Resp: 140284
Ion Ratio Lower Upper
119 100
91 63.7 32.9 98.6
134 26.4 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 21.385 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY015888.D
Acq: 10 Oct 2023 11:02

Tgt Ion:105 Resp: 153666
Ion Ratio Lower Upper
105 100
120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.429 ug/l

RT: 13.257 min Scan# 1876

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

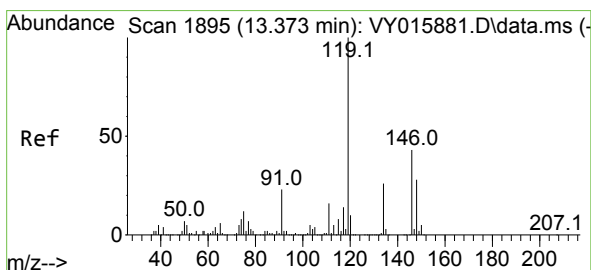
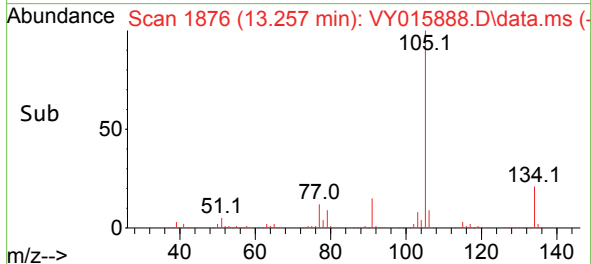
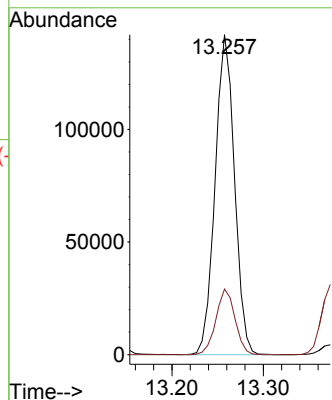
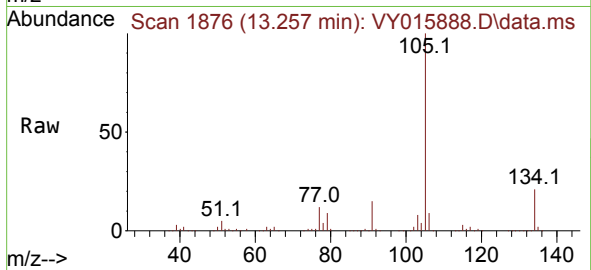
ClientSampleId :

Tgt Ion:105 Resp: 209283

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.6



#86

p-Isopropyltoluene

Concen: 21.250 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

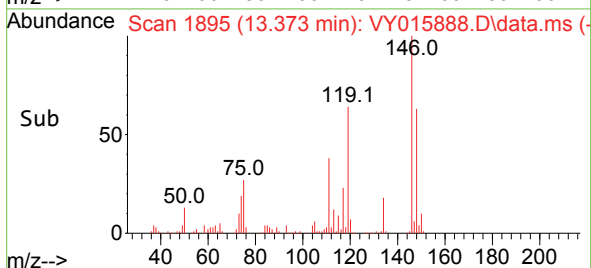
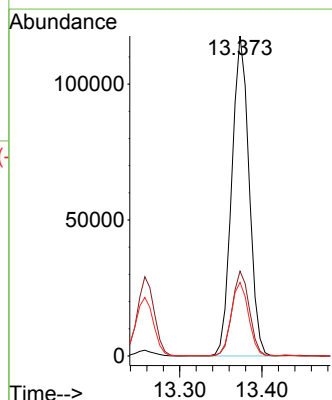
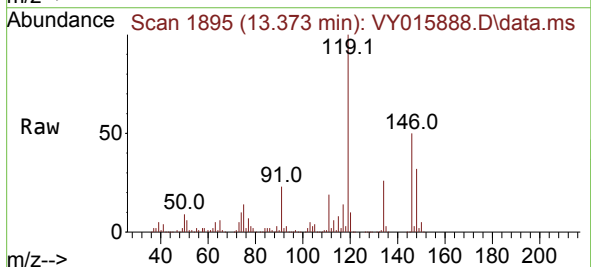
Tgt Ion:119 Resp: 171682

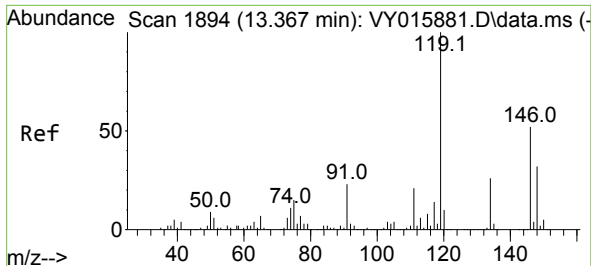
Ion Ratio Lower Upper

119 100

134 26.4 13.3 39.8

91 23.1 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.425 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

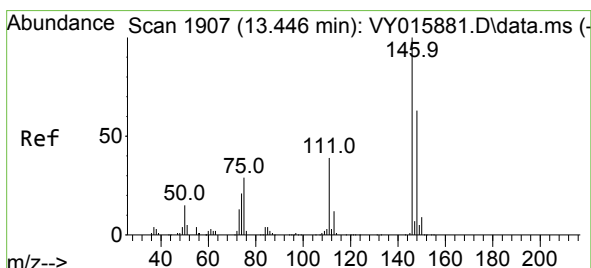
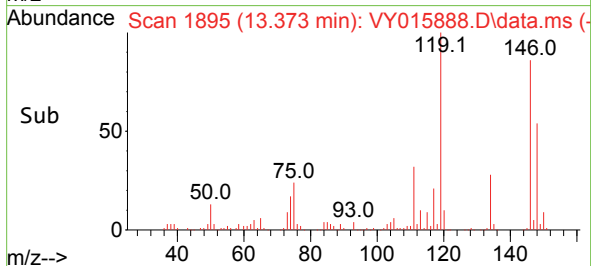
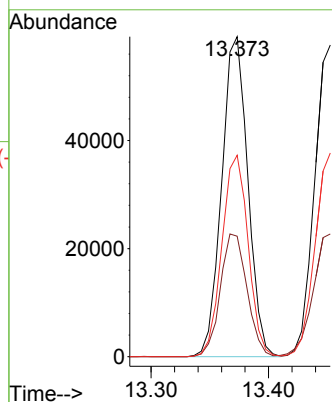
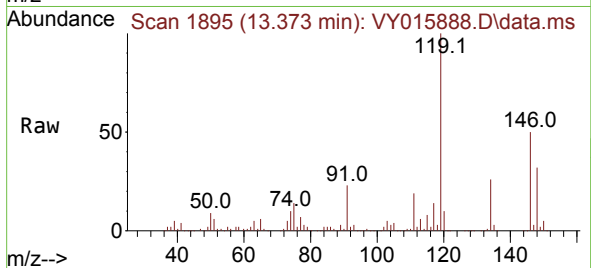
Tgt Ion:146 Resp: 91568

Ion Ratio Lower Upper

146 100

111 39.2 19.4 58.2

148 63.1 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.339 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

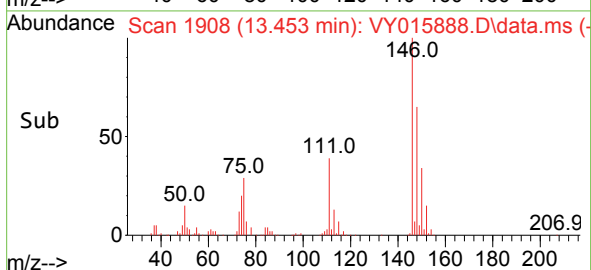
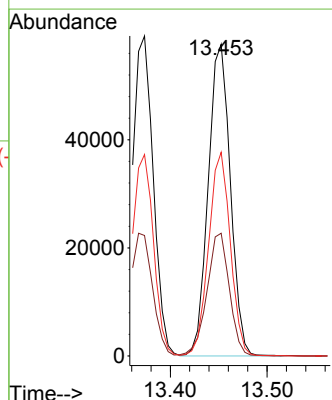
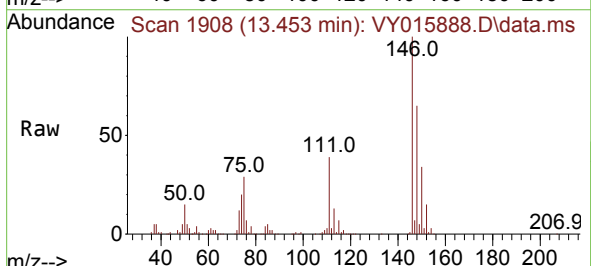
Tgt Ion:146 Resp: 91842

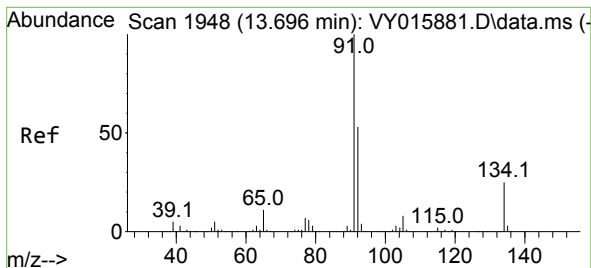
Ion Ratio Lower Upper

146 100

111 40.0 18.9 56.7

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 21.526 ug/l

RT: 13.703 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

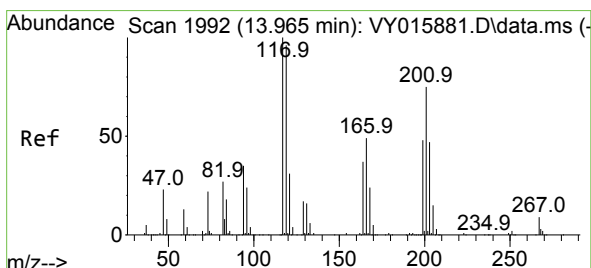
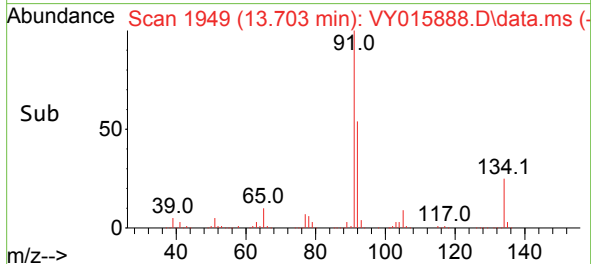
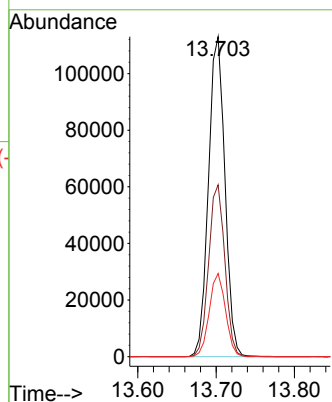
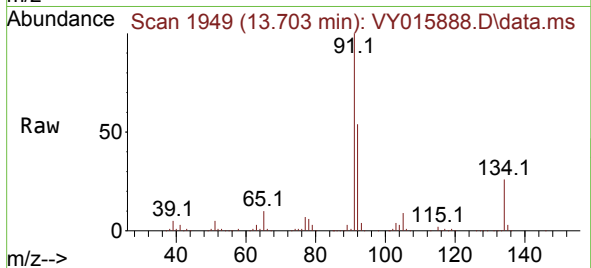
Tgt Ion: 91 Resp: 164576

Ion Ratio Lower Upper

91 100

92 52.9 25.4 76.0

134 25.7 12.6 37.6



#90

Hexachloroethane

Concen: 21.630 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY015888.D

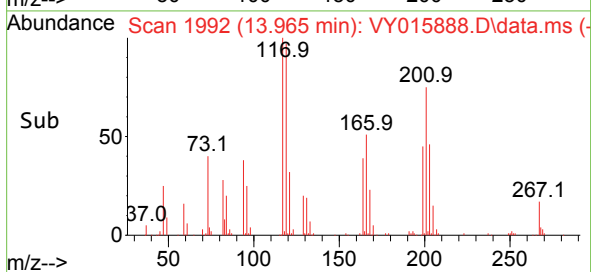
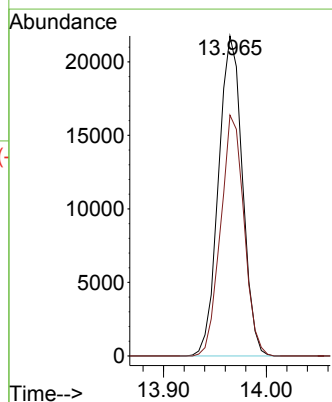
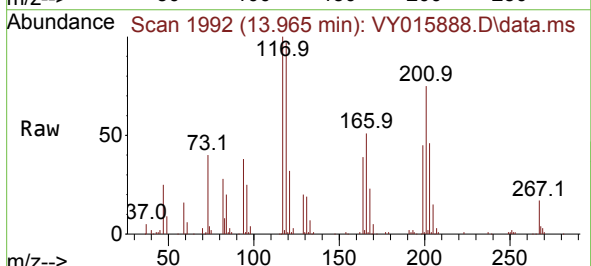
Acq: 10 Oct 2023 11:02

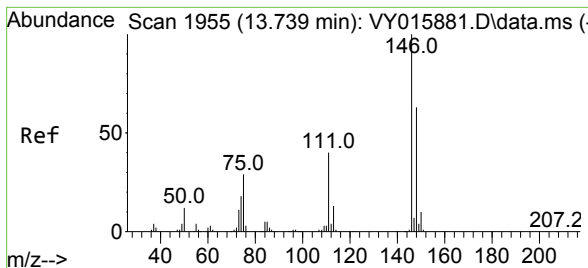
Tgt Ion: 117 Resp: 35070

Ion Ratio Lower Upper

117 100

201 73.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 21.718 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

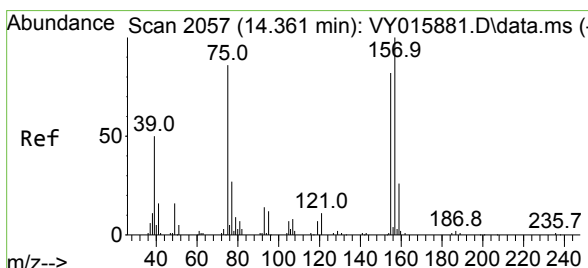
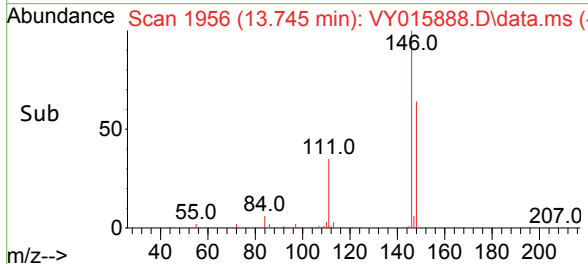
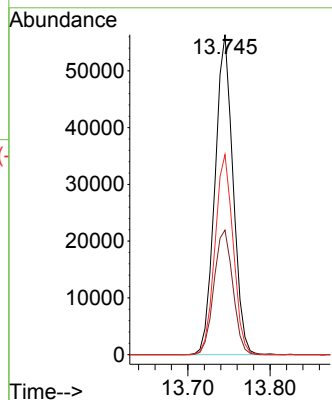
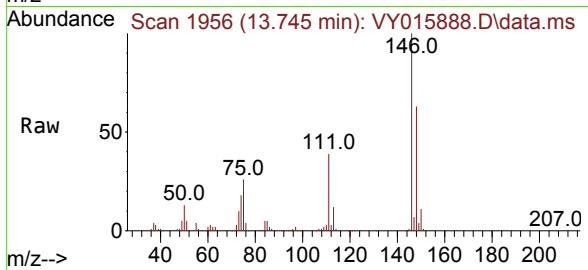
Tgt Ion:146 Resp: 86281

Ion Ratio Lower Upper

146 100

111 40.6 19.7 59.0

148 62.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.682 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

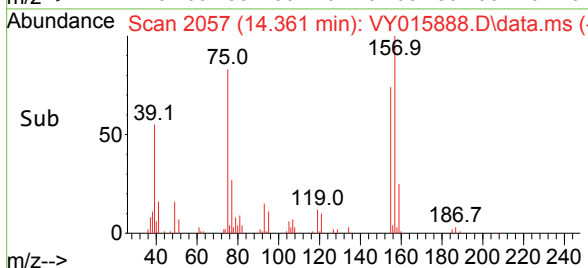
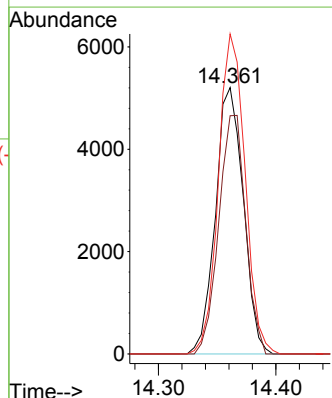
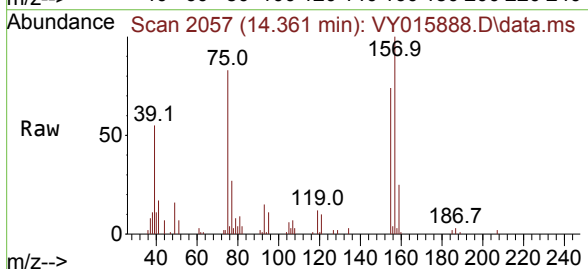
Tgt Ion: 75 Resp: 8548

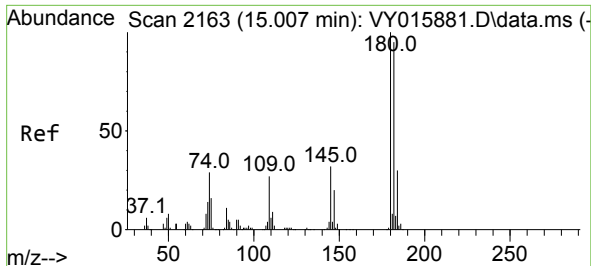
Ion Ratio Lower Upper

75 100

155 86.6 41.5 124.6

157 115.2 51.8 155.5

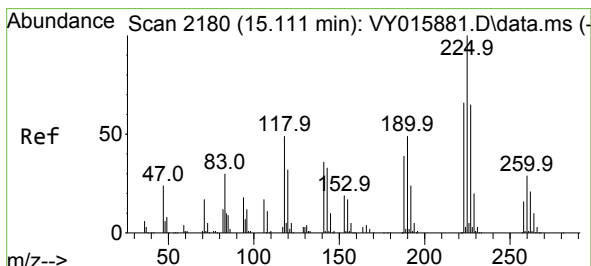
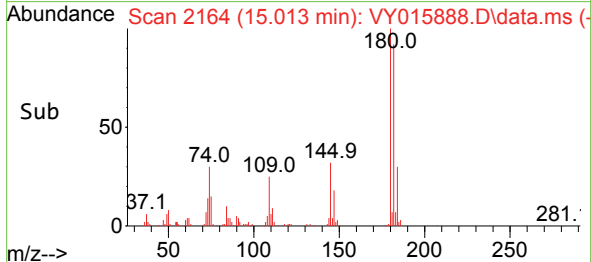
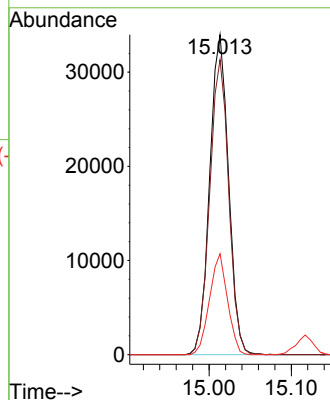
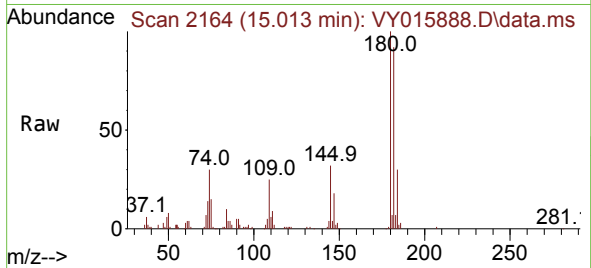




#93
 1,2,4-Trichlorobenzene
 Concen: 21.223 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. 0.006 min
 Lab File: VY015888.D
 Acq: 10 Oct 2023 11:02

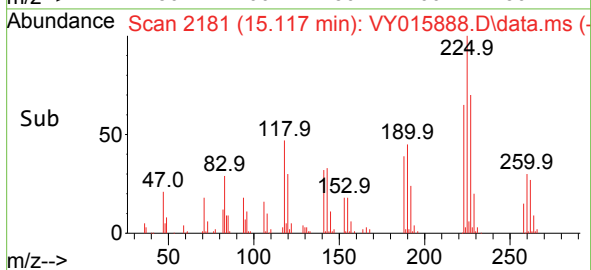
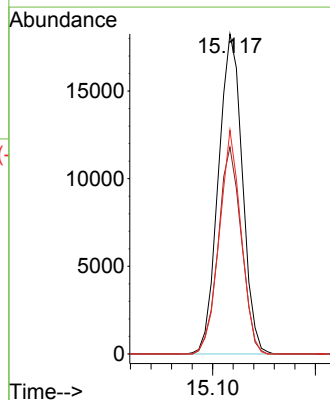
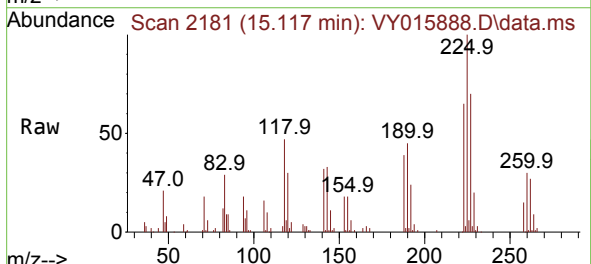
Instrument :
 MSVOA_Y
 ClientSampleId :

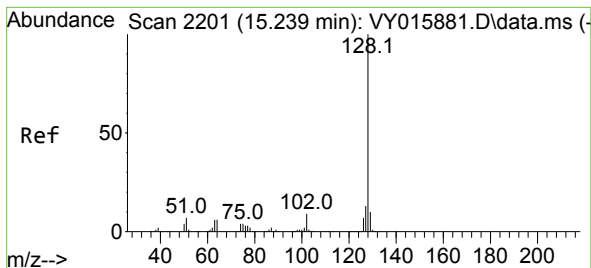
Tgt Ion:180 Resp: 54037
 Ion Ratio Lower Upper
 180 100
 182 92.8 47.0 141.2
 145 30.2 14.5 43.5



#94
 Hexachlorobutadiene
 Concen: 21.651 ug/l
 RT: 15.117 min Scan# 2181
 Delta R.T. 0.006 min
 Lab File: VY015888.D
 Acq: 10 Oct 2023 11:02

Tgt Ion:225 Resp: 29519
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.9 95.9
 227 63.5 33.0 98.9





#95

Naphthalene

Concen: 20.404 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY015888.D

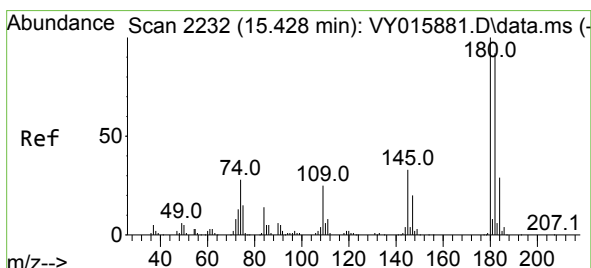
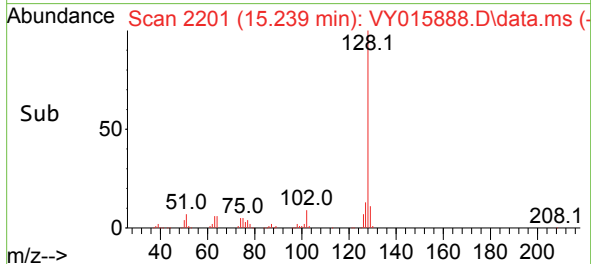
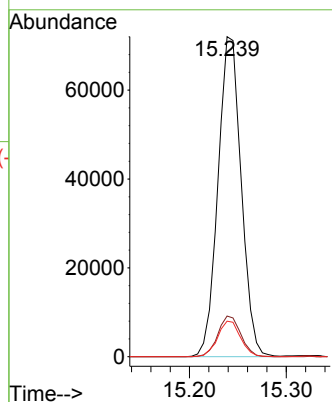
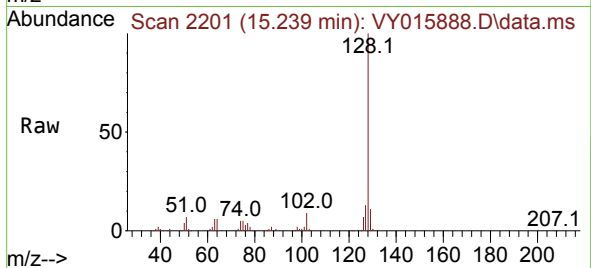
Acq: 10 Oct 2023 11:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	120181
Ion Ratio	Lower	Upper	
128	100		
127	12.6	10.8	16.2
129	11.0	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.321 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY015888.D

Acq: 10 Oct 2023 11:02

Tgt Ion:	180	Resp:	48290
Ion Ratio	Lower	Upper	
180	100		
182	95.7	47.3	141.8
145	32.1	15.4	46.2

