

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016863.D
 Acq On : 26 Dec 2023 19:12
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:38:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	119422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	213750	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	190725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	85622	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	70150	64.346	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.700%	
35) Dibromofluoromethane	7.734	113	70914	57.917	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.840%	
50) Toluene-d8	10.191	98	252777	57.269	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 114.540%	
62) 4-Bromofluorobenzene	12.489	95	85562	59.750	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.500%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48827	47.843	ug/l	94
3) Chloromethane	2.119	50	90405	57.629	ug/l	97
4) Vinyl Chloride	2.259	62	102883	58.062	ug/l	98
5) Bromomethane	2.662	94	75146	59.543	ug/l	98
6) Chloroethane	2.802	64	70734	58.912	ug/l	97
7) Trichlorofluoromethane	3.137	101	112818	54.655	ug/l	99
8) Diethyl Ether	3.540	74	40347	61.102	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.912	101	69028	54.515	ug/l	97
10) Methyl Iodide	4.101	142	67989	51.528	ug/l	99
11) Tert butyl alcohol	4.960	59	30725	343.733	ug/l	99
12) 1,1-Dichloroethene	3.887	96	63309	56.154	ug/l	97
13) Acrolein	3.735	56	17327	251.235	ug/l	100
14) Allyl chloride	4.491	41	108236	62.680	ug/l	99
15) Acrylonitrile	5.180	53	99320	355.175	ug/l	99
16) Acetone	3.960	43	89241	302.716	ug/l	99
17) Carbon Disulfide	4.210	76	178454	58.174	ug/l	100
18) Methyl Acetate	4.491	43	95505	82.898	ug/l	99
19) Methyl tert-butyl Ether	5.241	73	186178	64.180	ug/l	97
20) Methylene Chloride	4.735	84	87290	60.375	ug/l	97
21) trans-1,2-Dichloroethene	5.234	96	77862	60.555	ug/l	98
22) Diisopropyl ether	6.137	45	258404	66.144	ug/l	96
23) Vinyl Acetate	6.076	43	587636	318.037	ug/l	100
24) 1,1-Dichloroethane	6.033	63	147083	62.674	ug/l	97
25) 2-Butanone	7.002	43	133840	329.747	ug/l	97
26) 2,2-Dichloropropane	6.996	77	114030	55.680	ug/l	100
27) cis-1,2-Dichloroethene	7.002	96	91881	62.089	ug/l	98
28) Bromochloromethane	7.350	49	64618	69.568	ug/l	96
29) Tetrahydrofuran	7.362	42	84686	381.575	ug/l	97
30) Chloroform	7.521	83	151696	63.142	ug/l	100
31) Cyclohexane	7.801	56	112085	53.661	ug/l	98
32) 1,1,1-Trichloroethane	7.716	97	121519	57.624	ug/l	99
36) 1,1-Dichloropropene	7.929	75	107914	54.976	ug/l	100
37) Ethyl Acetate	7.088	43	56742	67.441	ug/l	99
38) Carbon Tetrachloride	7.917	117	103636	53.355	ug/l	99
39) Methylcyclohexane	9.197	83	120915	53.353	ug/l	99
40) Benzene	8.173	78	336026	58.826	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	27575	61.729	ug/l #	89
42) 1,2-Dichloroethane	8.252	62	92258	61.907	ug/l	99
43) Isopropyl Acetate	8.289	43	105670	64.666	ug/l	99
44) Trichloroethene	8.953	130	80787	55.412	ug/l	97
45) 1,2-Dichloropropane	9.228	63	86080	60.075	ug/l	98
46) Dibromomethane	9.319	93	45941	62.063	ug/l	98
47) Bromodichloromethane	9.508	83	118506	60.741	ug/l	96
48) Methyl methacrylate	9.301	41	59247	65.237	ug/l	96
49) 1,4-Dioxane	9.313	88	10511	1462.989	ug/l	95
51) 4-Methyl-2-Pentanone	10.081	43	303195	348.234	ug/l	100
52) Toluene	10.258	92	201910	58.984	ug/l	98
53) t-1,3-Dichloropropene	10.477	75	109508	61.556	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	129384	60.295	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	65729	62.236	ug/l	98
56) Ethyl methacrylate	10.520	69	62141	66.912	ug/l	98
57) 1,3-Dichloropropane	10.801	76	112043	62.459	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	160291	320.842	ug/l	98
59) 2-Hexanone	10.843	43	206513	318.095	ug/l	99
60) Dibromochloromethane	10.996	129	75472	61.774	ug/l	99
61) 1,2-Dibromoethane	11.099	107	59733	63.067	ug/l	99
64) Tetrachloroethene	10.733	164	68046	57.434	ug/l	98
65) Chlorobenzene	11.526	112	213325	56.929	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.599	131	79529	56.408	ug/l	99
67) Ethyl Benzene	11.605	91	387938	56.246	ug/l	99
68) m/p-Xylenes	11.715	106	289227	113.560	ug/l	99
69) o-Xylene	12.038	106	136740	58.522	ug/l	99
70) Styrene	12.056	104	206320	59.673	ug/l	100
71) Bromoform	12.215	173	42433	60.369	ug/l #	98
73) Isopropylbenzene	12.337	105	359830	53.961	ug/l	100
74) N-amyl acetate	12.154	43	84307	60.243	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.593	83	78261	58.730	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	92479	97.706	ug/l #	100
77) Bromobenzene	12.617	156	80168	55.108	ug/l	99
78) n-propylbenzene	12.678	91	436866	54.072	ug/l	99
79) 2-Chlorotoluene	12.764	91	245349	54.880	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	292674	55.446	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	22752	56.451	ug/l	97
82) 4-Chlorotoluene	12.861	91	251844	54.911	ug/l	100
83) tert-Butylbenzene	13.081	119	254371	55.401	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	290897	55.888	ug/l	98
85) sec-Butylbenzene	13.263	105	362298	53.273	ug/l	100
86) p-Isopropyltoluene	13.379	119	301218	53.185	ug/l	100
87) 1,3-Dichlorobenzene	13.373	146	156443	55.028	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	151936	54.731	ug/l	99
89) n-Butylbenzene	13.702	91	291075	53.763	ug/l	100
90) Hexachloroethane	13.971	117	62609	53.089	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	137941	56.954	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	10333	59.819	ug/l	98
93) 1,2,4-Trichlorobenzene	15.013	180	66851	52.019	ug/l	100
94) Hexachlorobutadiene	15.117	225	35983	49.296	ug/l	98
95) Naphthalene	15.245	128	138254	49.976	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	59229	54.114	ug/l	99

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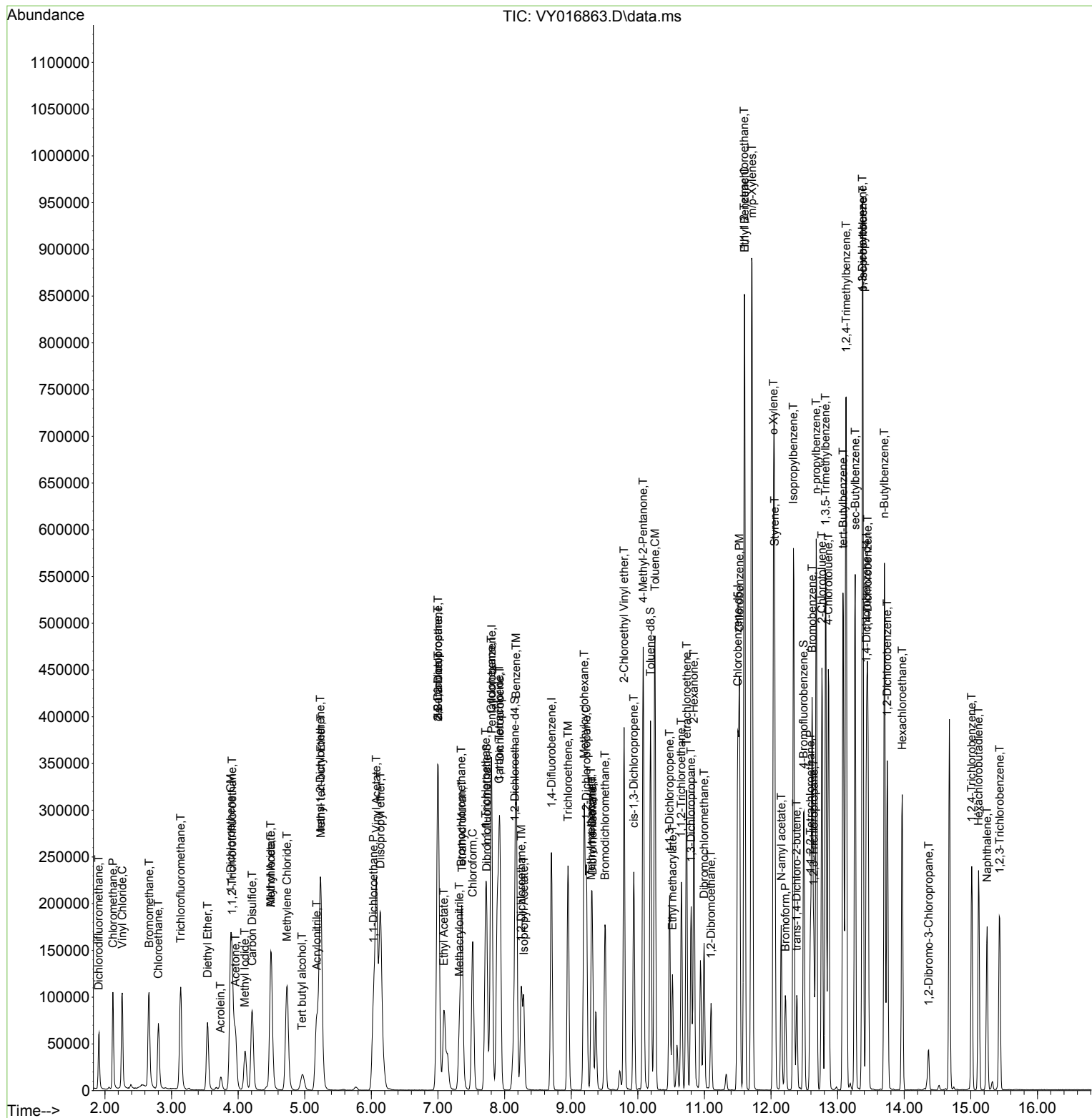
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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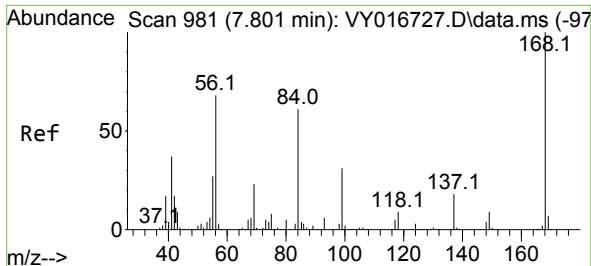
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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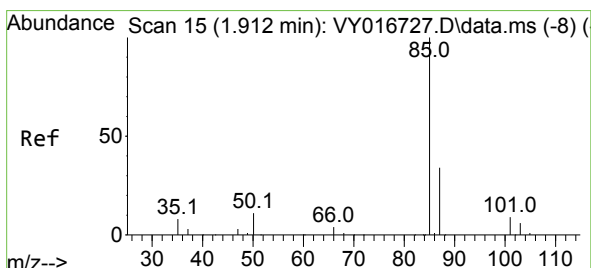
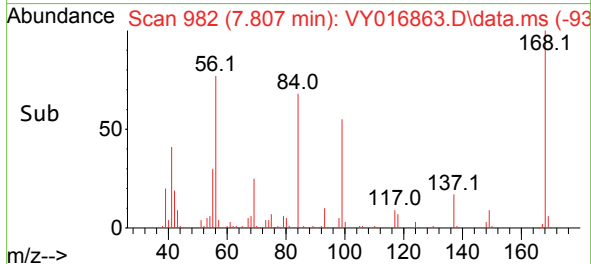
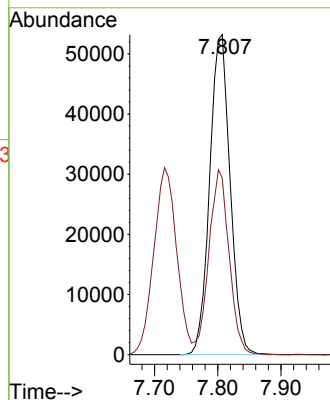
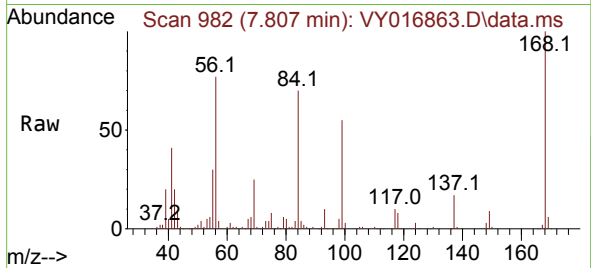




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016863.D
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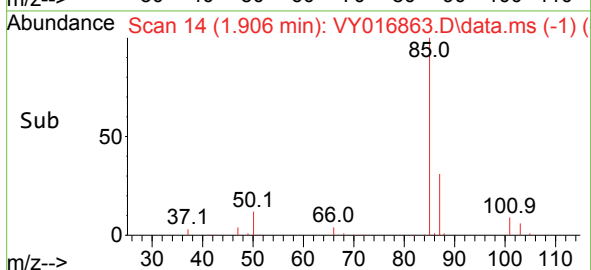
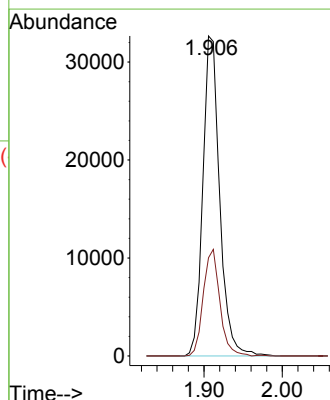
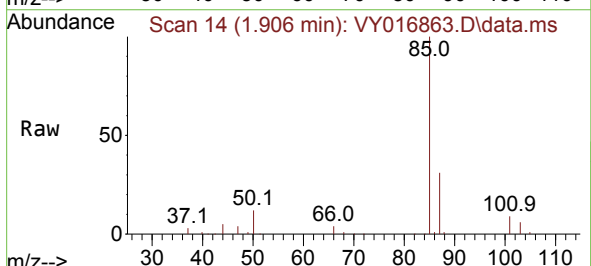
Instrument :
MSVOA_Y
ClientSampleId :

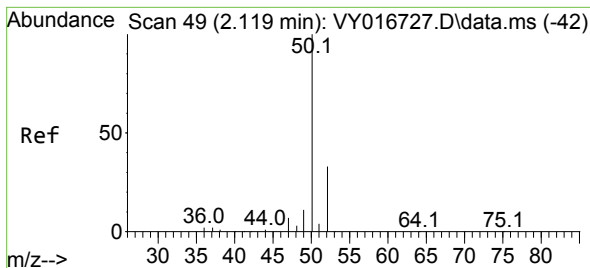
Tgt Ion:168 Resp: 119422
Ion Ratio Lower Upper
168 100
99 55.2 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 47.843 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 85 Resp: 48827
Ion Ratio Lower Upper
85 100
87 30.7 17.1 51.3





#3

Chloromethane

Concen: 57.629 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

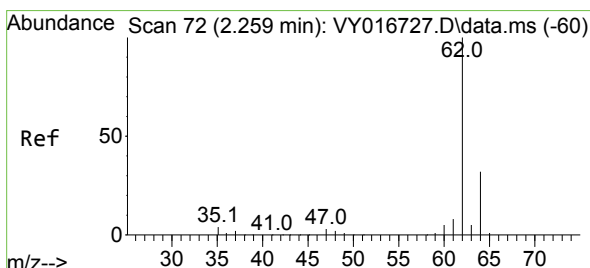
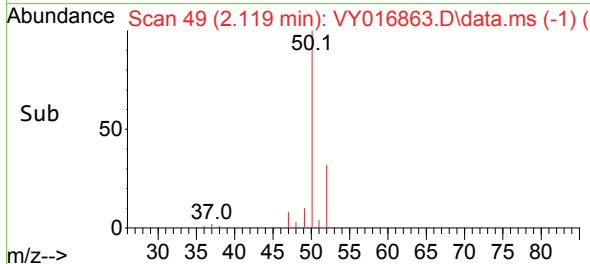
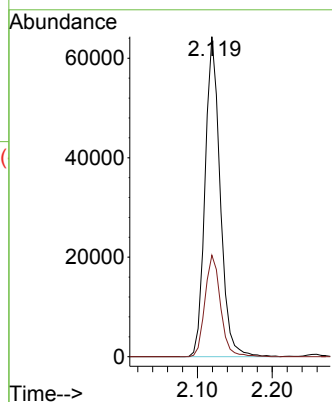
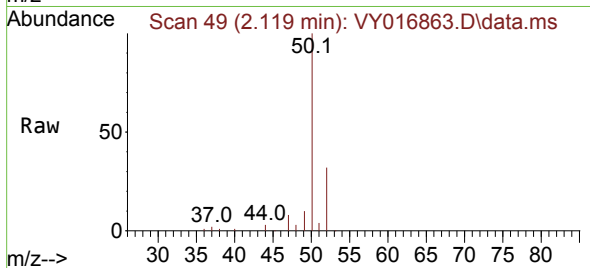
ClientSampleId :

Tgt Ion: 50 Resp: 90405

Ion Ratio Lower Upper

50 100

52 31.7 26.7 40.1



#4

Vinyl Chloride

Concen: 58.062 ug/l

RT: 2.259 min Scan# 72

Delta R.T. 0.000 min

Lab File: VY016863.D

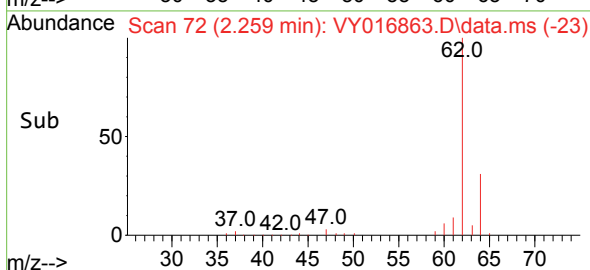
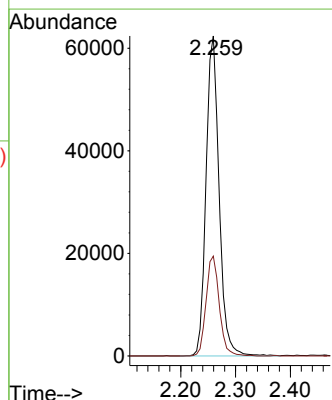
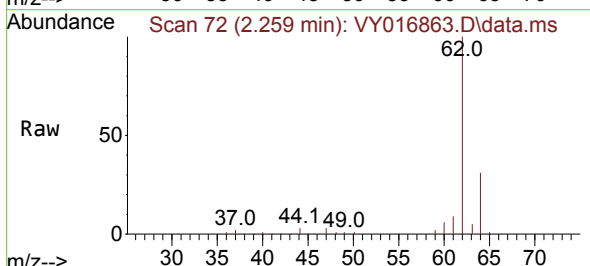
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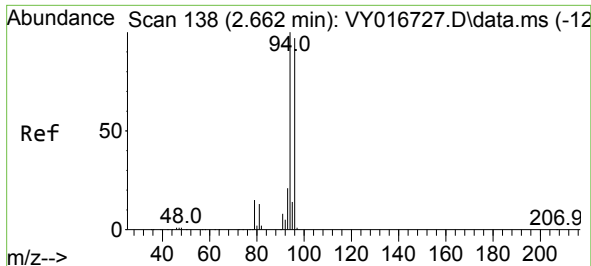
Tgt Ion: 62 Resp: 102883

Ion Ratio Lower Upper

62 100

64 31.2 25.7 38.5





#5

Bromomethane

Concen: 59.543 ug/l

RT: 2.662 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

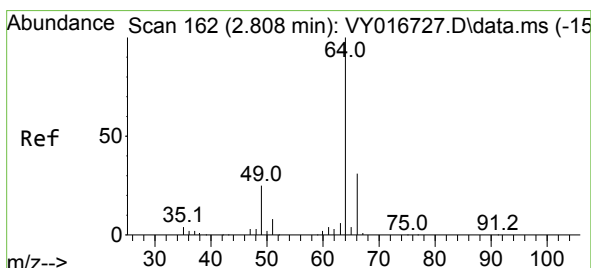
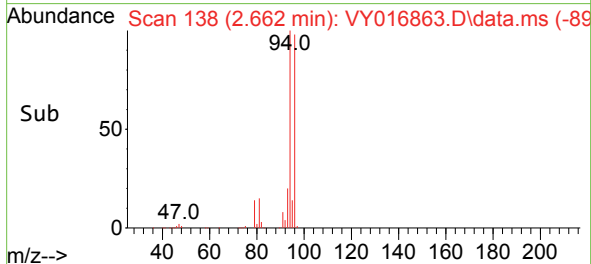
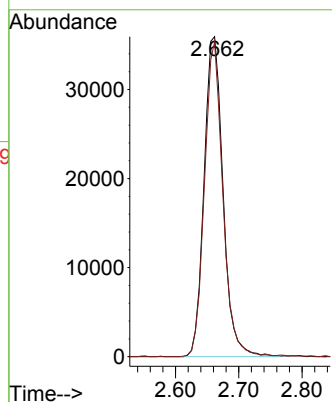
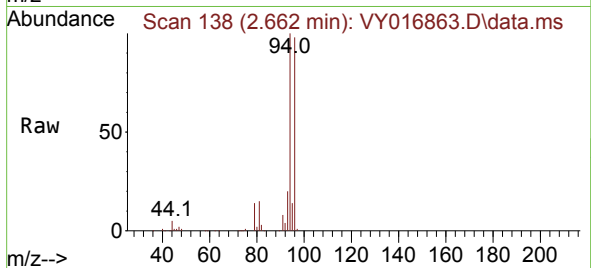
ClientSampleId :

Tgt Ion: 94 Resp: 75146

Ion Ratio Lower Upper

94 100

96 98.4 77.3 115.9



#6

Chloroethane

Concen: 58.912 ug/l

RT: 2.802 min Scan# 161

Delta R.T. -0.006 min

Lab File: VY016863.D

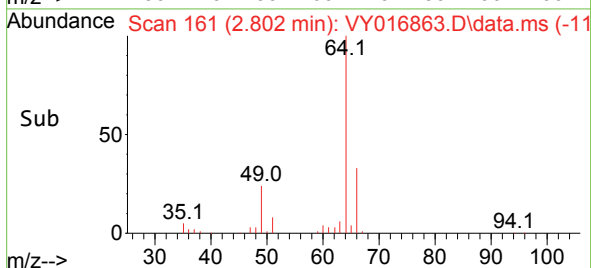
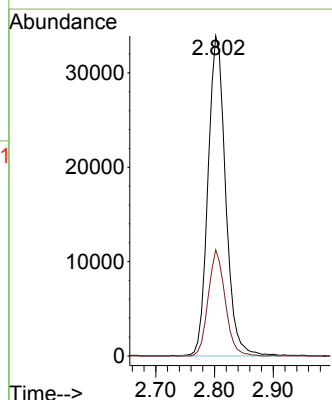
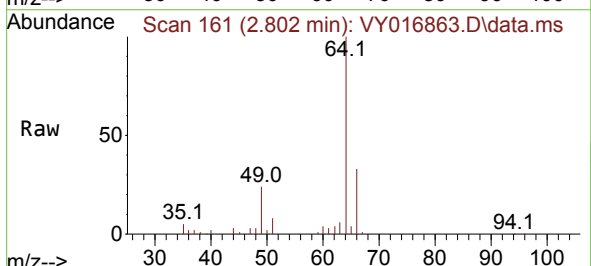
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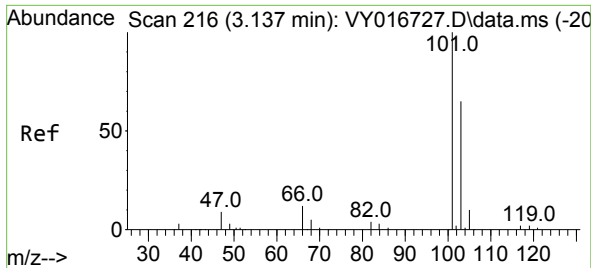
Tgt Ion: 64 Resp: 70734

Ion Ratio Lower Upper

64 100

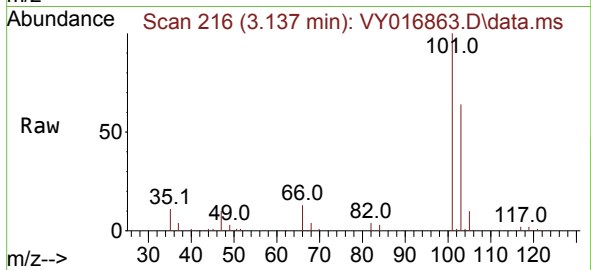
66 33.1 25.1 37.7



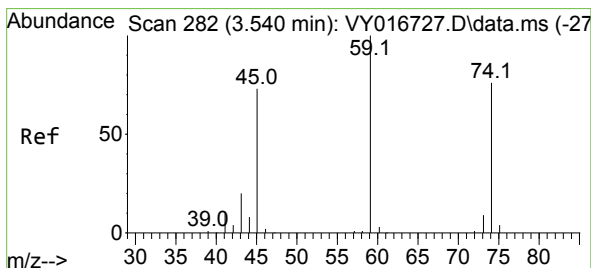
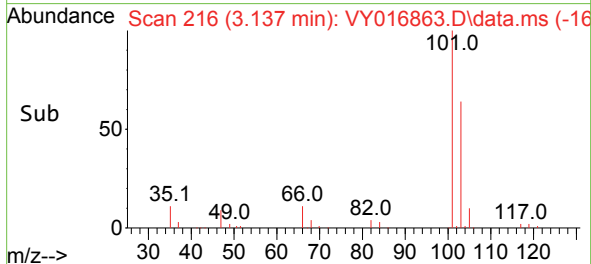
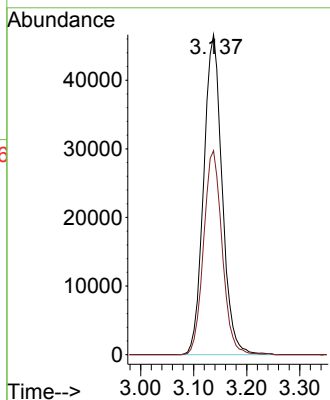


#7
 Trichlorofluoromethane
 Concen: 54.655 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

Instrument :
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 ClientSampleId :

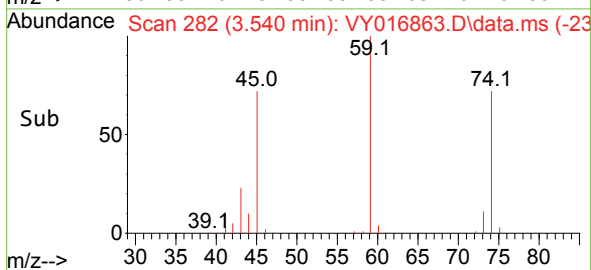
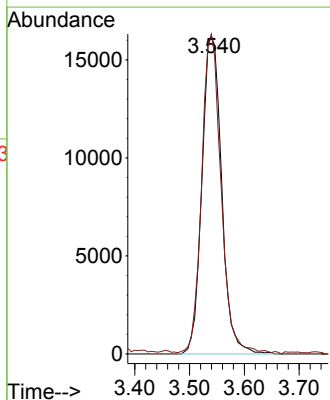
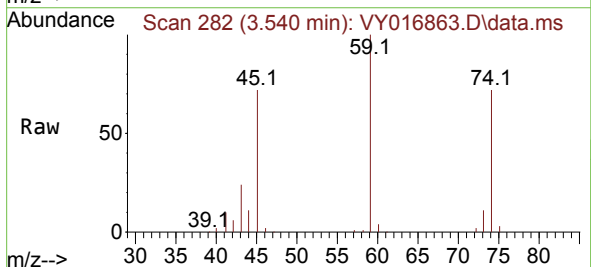


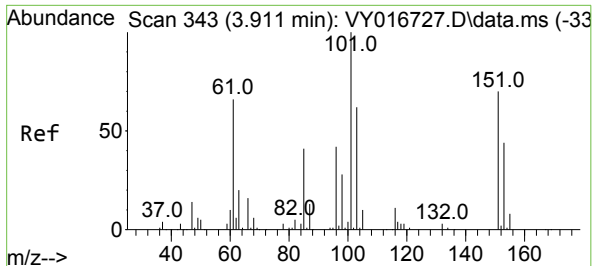
Tgt Ion:101 Resp: 112818
 Ion Ratio Lower Upper
 101 100
 103 63.8 51.9 77.9



#8
 Diethyl Ether
 Concen: 61.102 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY016863.D
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Tgt Ion: 74 Resp: 40347
 Ion Ratio Lower Upper
 74 100
 45 99.9 47.9 143.7

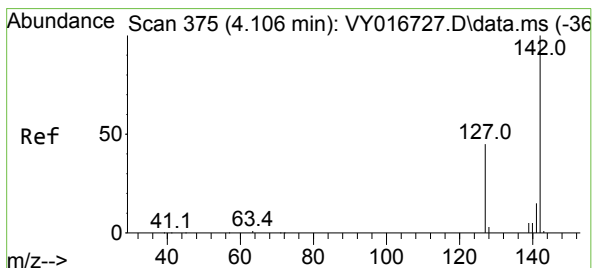
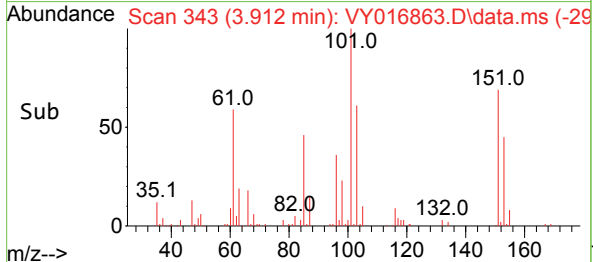
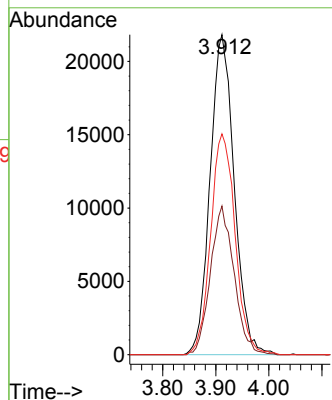
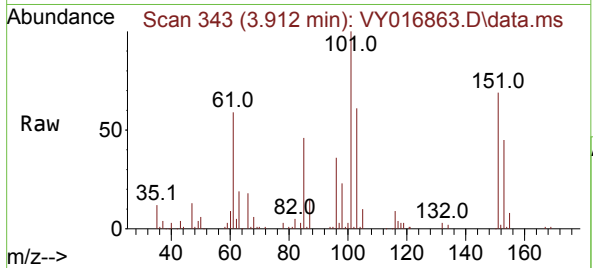




#9
1,1,2-Trichlorotrifluoroethane
Concen: 54.515 ug/l
RT: 3.912 min Scan# 34
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

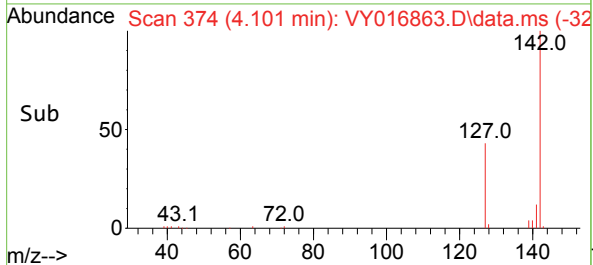
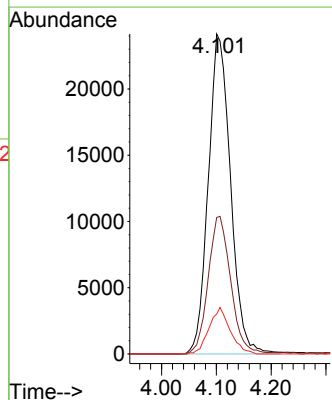
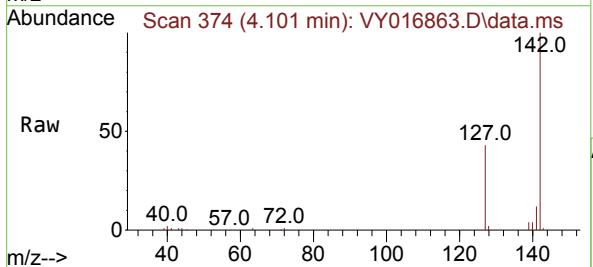
Instrument :
MSVOA_Y
ClientSampleId :

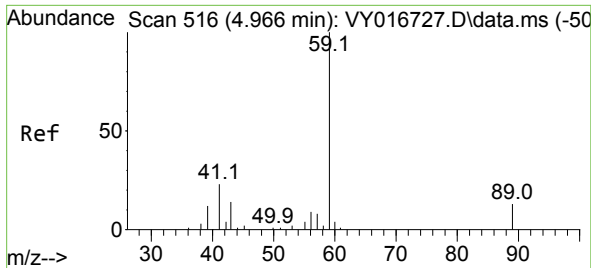
Tgt Ion:101 Resp: 69028
Ion Ratio Lower Upper
101 100
85 45.6 35.8 53.6
151 70.2 58.6 88.0



#10
Methyl Iodide
Concen: 51.528 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:142 Resp: 67989
Ion Ratio Lower Upper
142 100
127 43.5 35.1 52.7
141 13.8 11.8 17.6

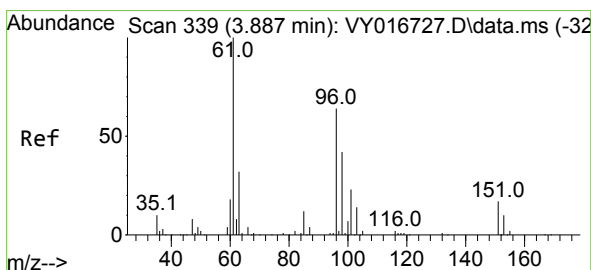
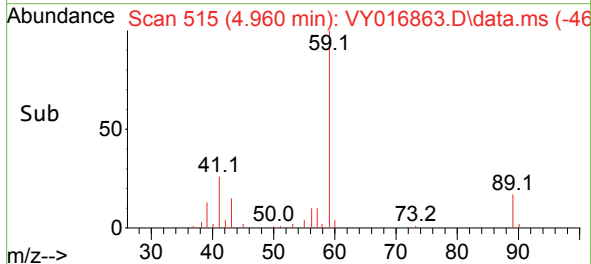
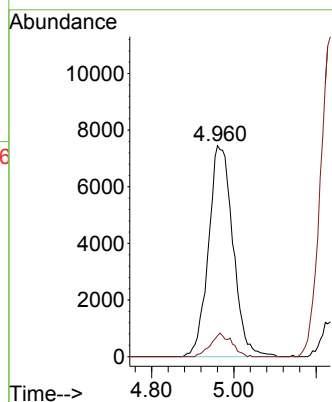
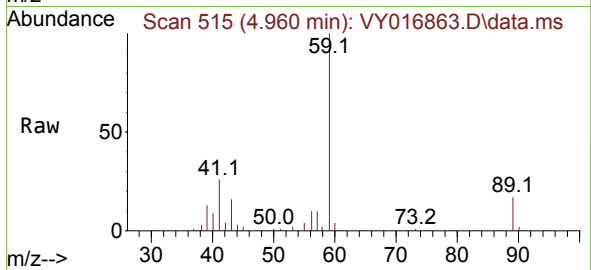




#11
Tert butyl alcohol
Concen: 343.733 ug/l
RT: 4.960 min Scan# 516
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

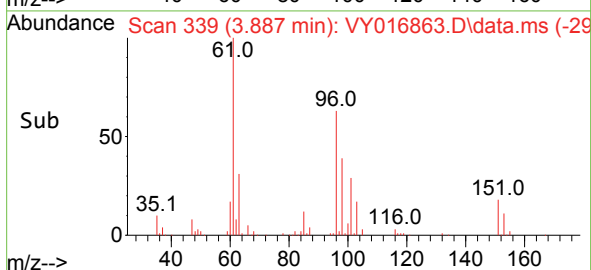
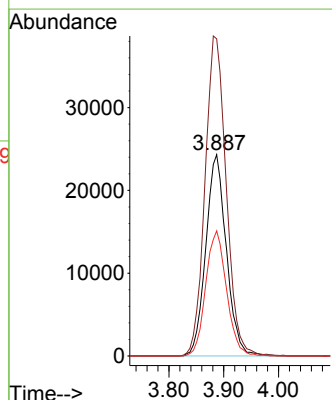
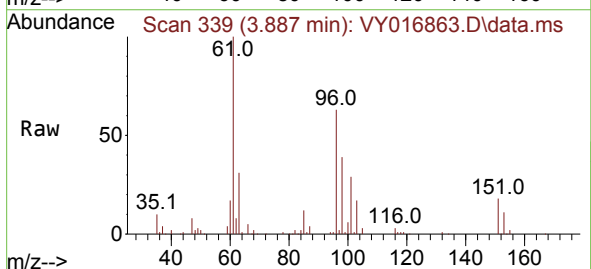
Instrument :
MSVOA_Y
ClientSampleId :

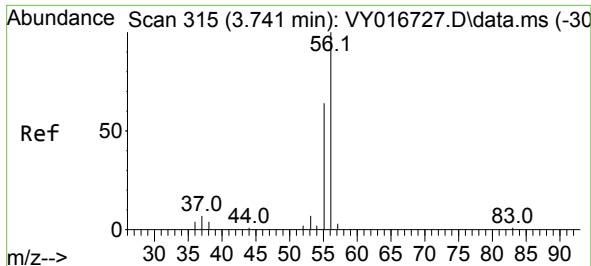
Tgt Ion: 59 Resp: 30725
Ion Ratio Lower Upper
59 100
57 9.6 7.4 11.0



#12
1,1-Dichloroethene
Concen: 56.154 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 96 Resp: 63309
Ion Ratio Lower Upper
96 100
61 157.6 124.2 186.2
98 62.2 52.6 79.0





#13

Acrolein

Concen: 251.235 ug/l

RT: 3.735 min Scan# 31

Delta R.T. -0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

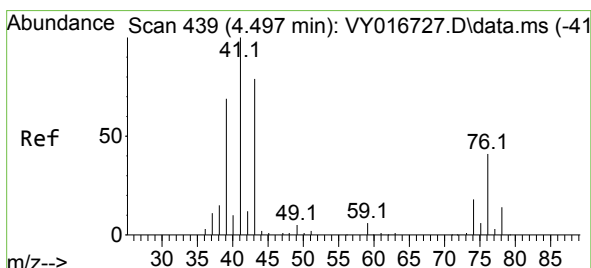
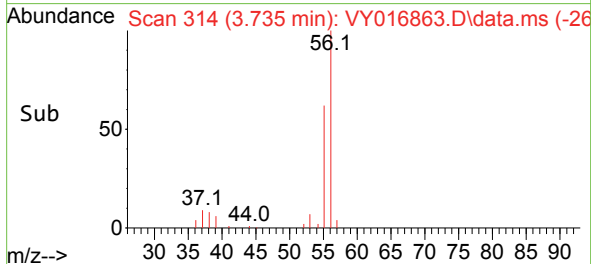
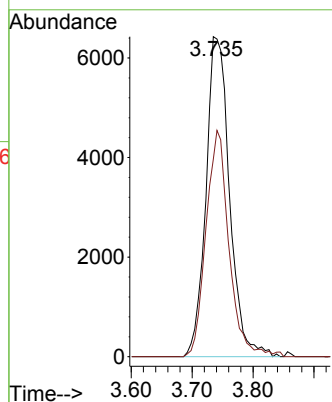
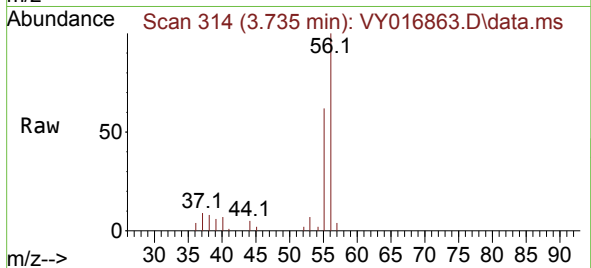
ClientSampleId :

Tgt Ion: 56 Resp: 17327

Ion Ratio Lower Upper

56 100

55 68.9 55.4 83.0



#14

Allyl chloride

Concen: 62.680 ug/l

RT: 4.491 min Scan# 438

Delta R.T. -0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

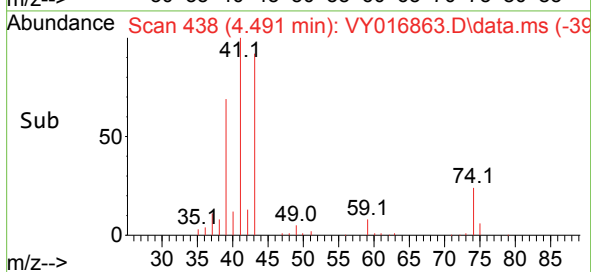
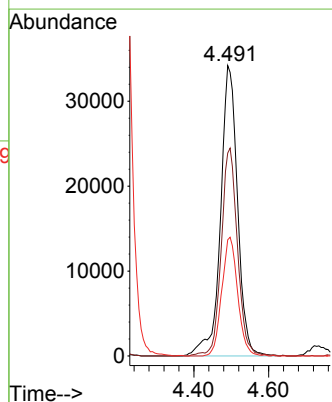
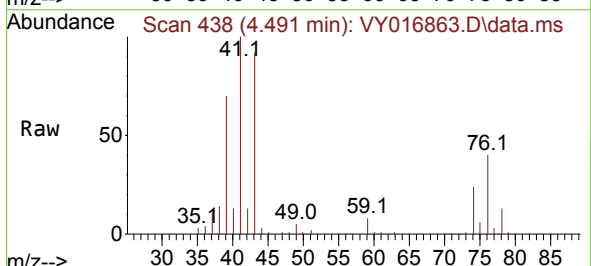
Tgt Ion: 41 Resp: 108236

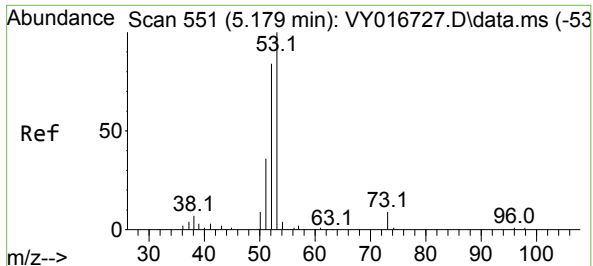
Ion Ratio Lower Upper

41 100

39 68.3 54.7 82.1

76 38.2 31.8 47.6





#15

Acrylonitrile

Concen: 355.175 ug/l

RT: 5.180 min Scan# 51

Delta R.T. 0.001 min

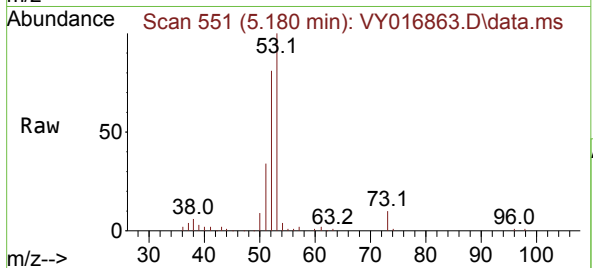
Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

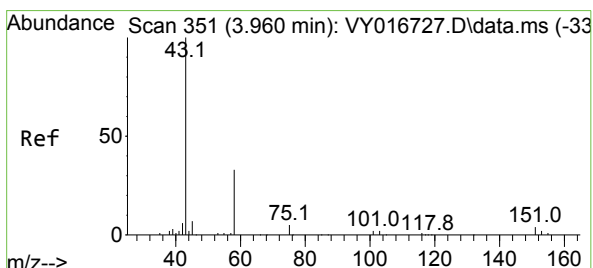
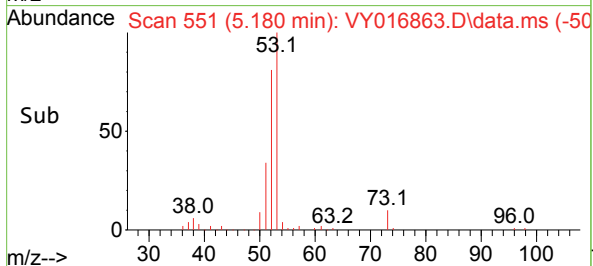
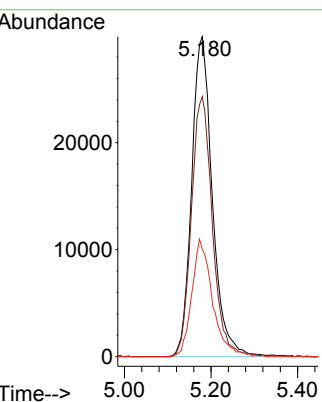
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	53	Resp:	99320
Ion	Ratio	Lower	Upper
53	100		
52	82.2	65.1	97.7
51	36.7	29.0	43.4



#16

Acetone

Concen: 302.716 ug/l

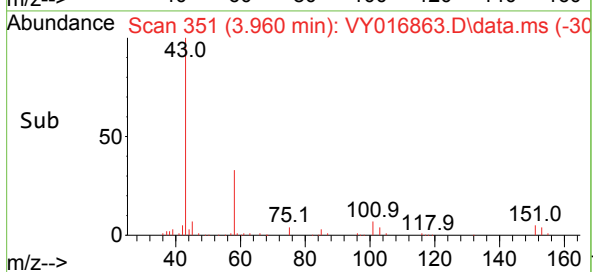
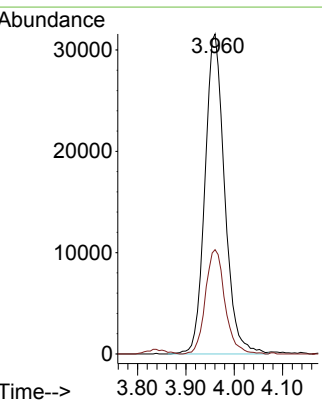
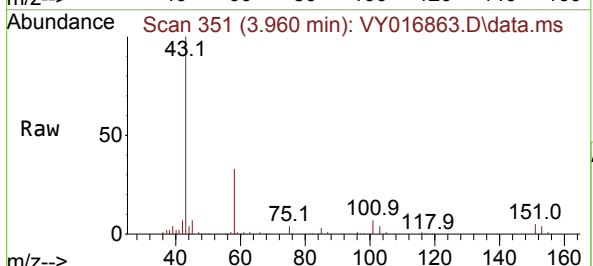
RT: 3.960 min Scan# 351

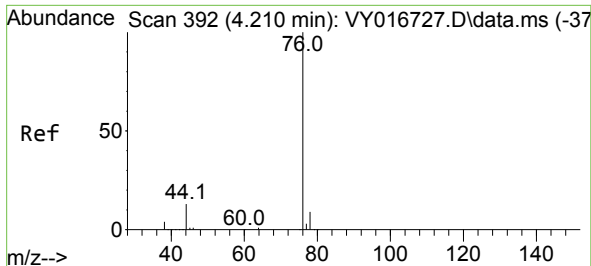
Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Tgt Ion:	43	Resp:	89241
Ion	Ratio	Lower	Upper
43	100		
58	32.6	26.6	39.8

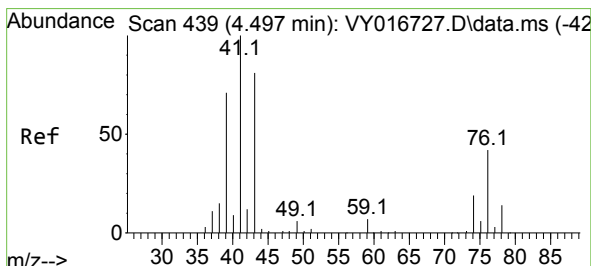
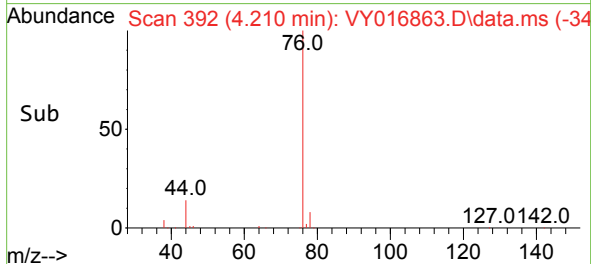
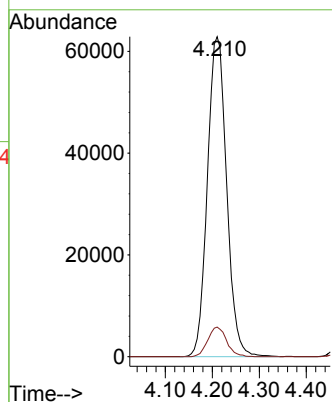
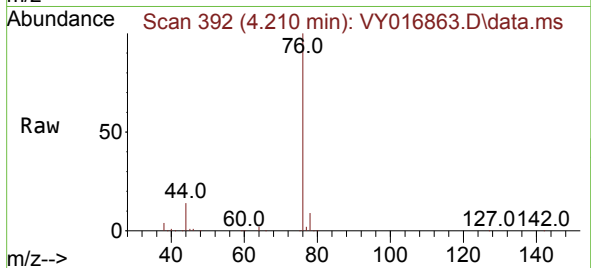




#17
Carbon Disulfide
Concen: 58.174 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

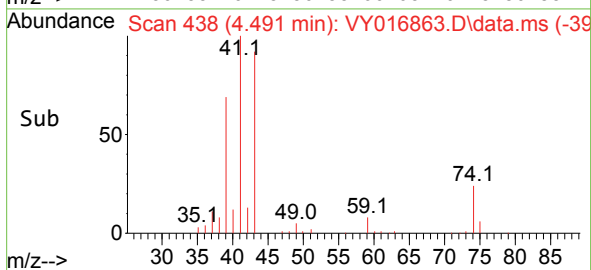
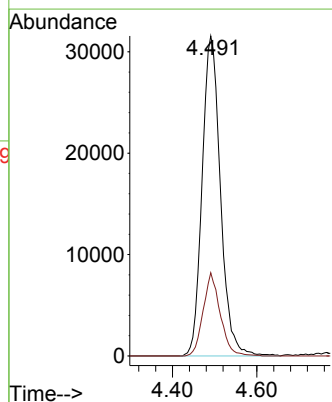
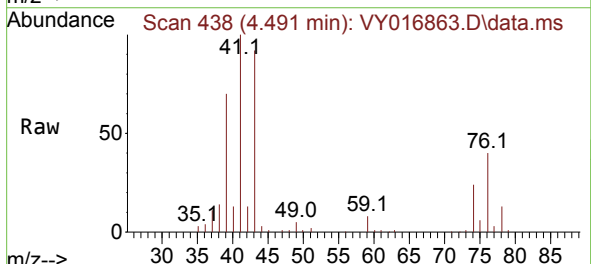
Instrument :
MSVOA_Y
ClientSampleId :

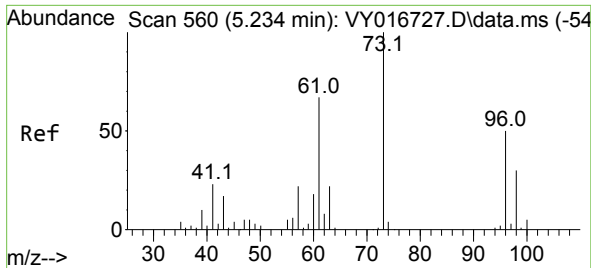
Tgt Ion: 76 Resp: 178454
Ion Ratio Lower Upper
76 100
78 9.3 7.4 11.0



#18
Methyl Acetate
Concen: 82.898 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 43 Resp: 95505
Ion Ratio Lower Upper
43 100
74 24.2 19.8 29.6

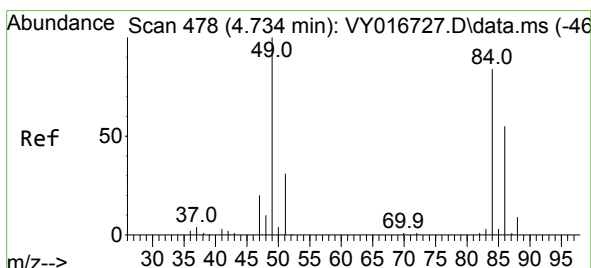
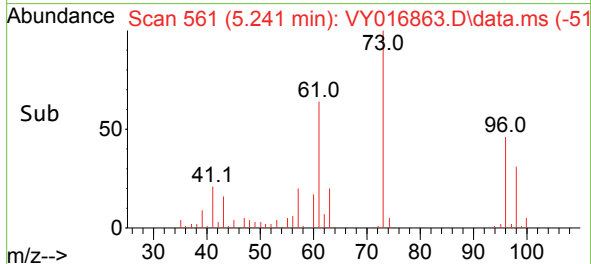
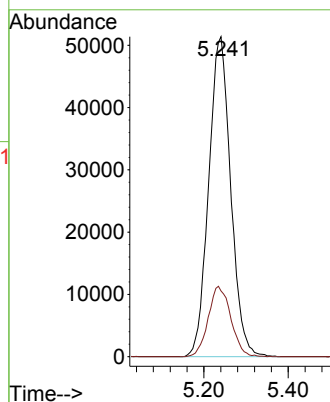
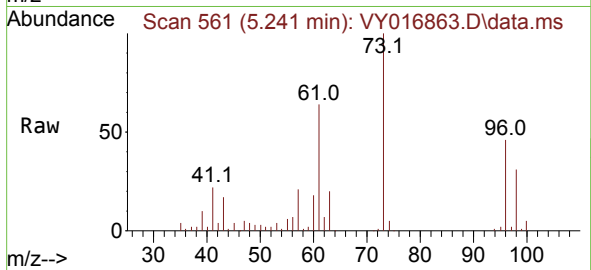




#19
Methyl tert-butyl Ether
Concen: 64.180 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

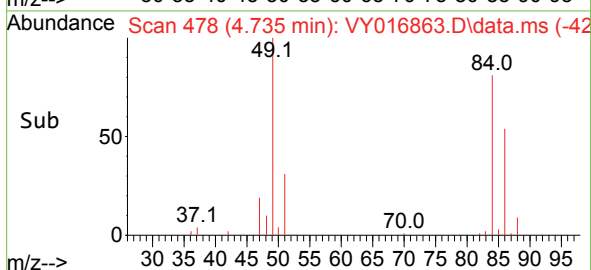
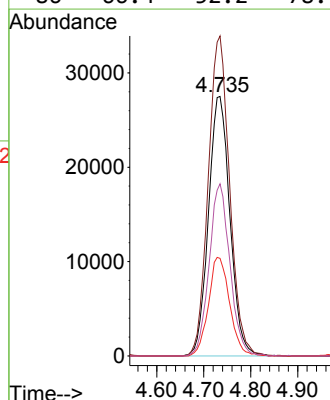
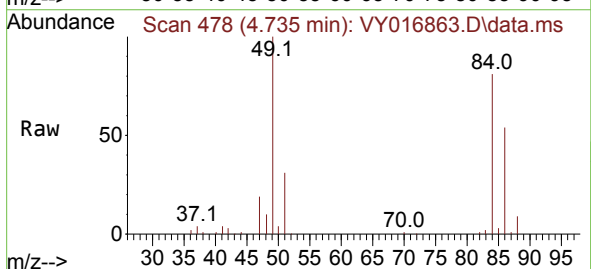
Instrument :
MSVOA_Y
ClientSampleId :

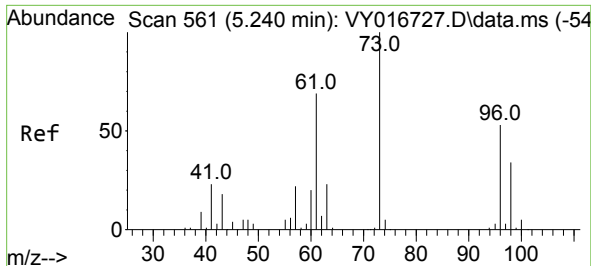
Tgt Ion: 73 Resp: 186178
Ion Ratio Lower Upper
73 100
57 20.5 17.7 26.5



#20
Methylene Chloride
Concen: 60.375 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 84 Resp: 87290
Ion Ratio Lower Upper
84 100
49 123.3 95.2 142.8
51 37.6 29.9 44.9
86 66.4 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 60.555 ug/l

RT: 5.234 min Scan# 51

Delta R.T. -0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

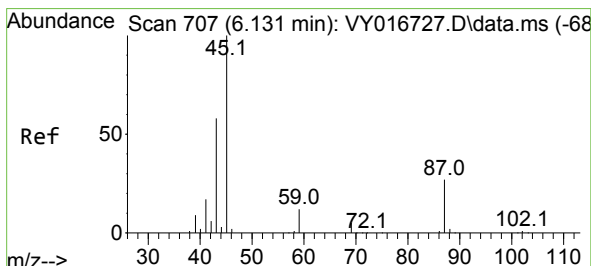
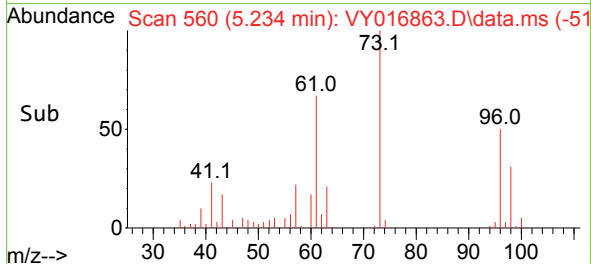
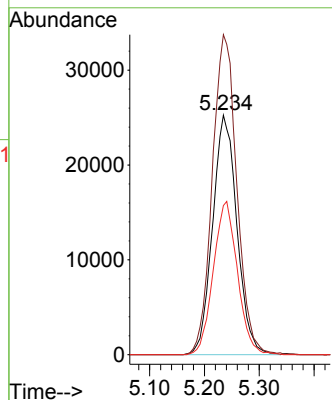
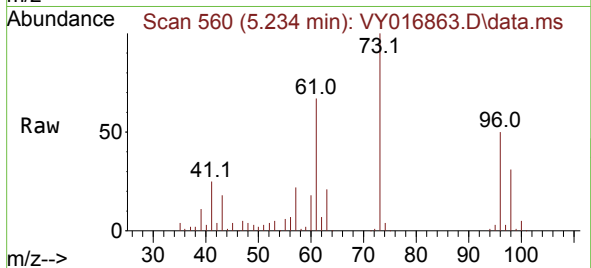
Tgt Ion: 96 Resp: 77862

Ion Ratio Lower Upper

96 100

61 133.6 104.6 156.8

98 62.3 50.9 76.3



#22

Diisopropyl ether

Concen: 66.144 ug/l

RT: 6.137 min Scan# 708

Delta R.T. 0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Tgt Ion: 45 Resp: 258404

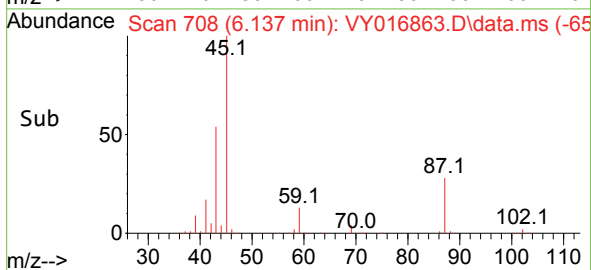
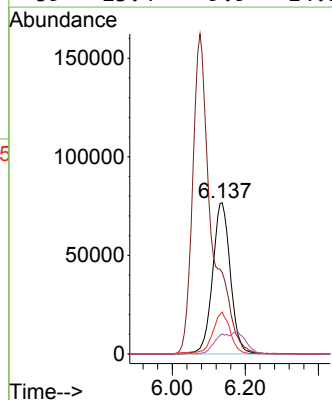
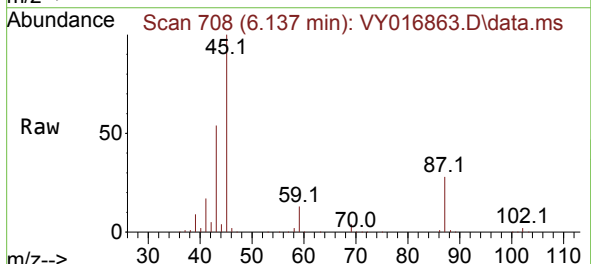
Ion Ratio Lower Upper

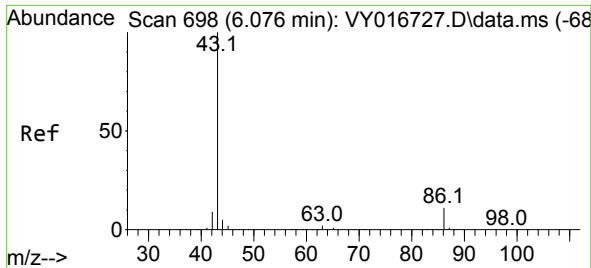
45 100

43 53.6 46.8 70.2

87 27.8 22.2 33.2

59 13.4 9.9 14.9

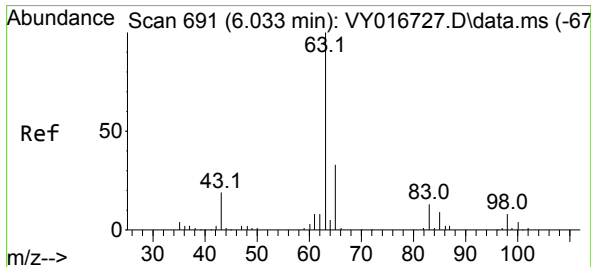
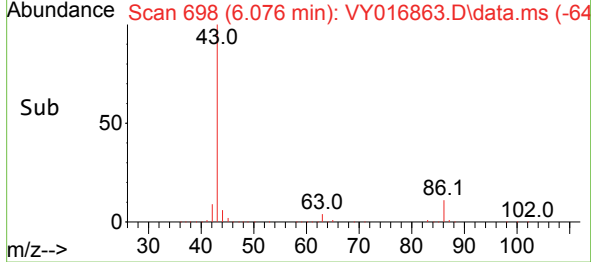
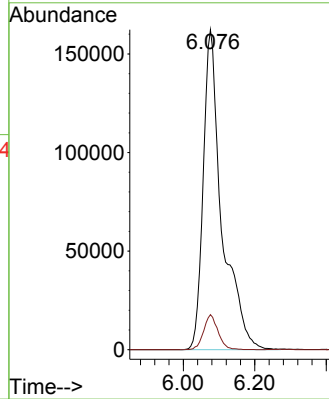
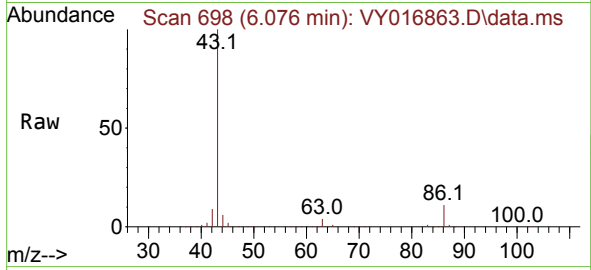




#23
 Vinyl Acetate
 Concen: 318.037 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

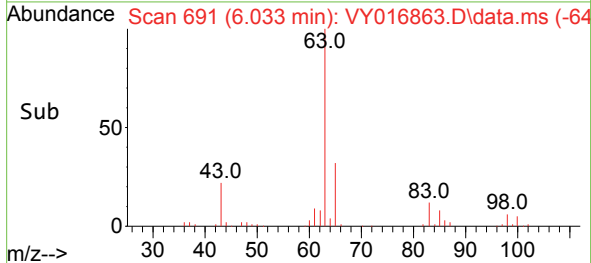
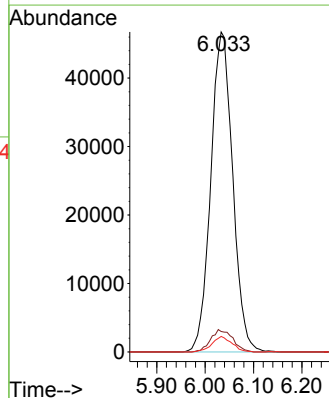
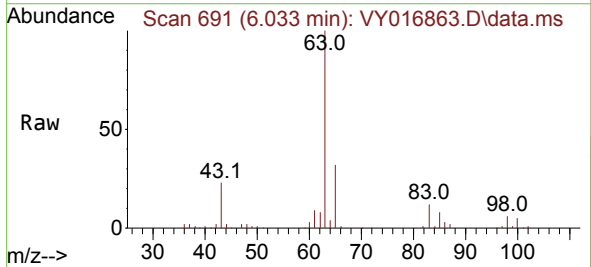
Instrument :
 MSVOA_Y
 ClientSampleId :

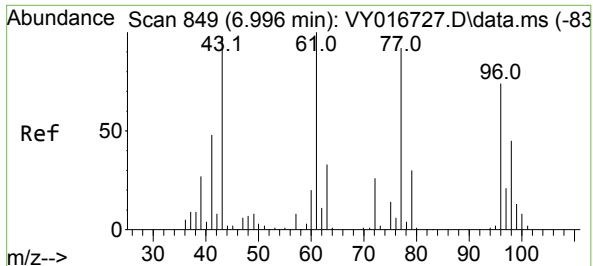
Tgt Ion: 43 Resp: 587636
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 62.674 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

Tgt Ion: 63 Resp: 147083
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.8 11.4
 100 4.9 2.1 6.2





#25

2-Butanone

Concen: 329.747 ug/l

RT: 7.002 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

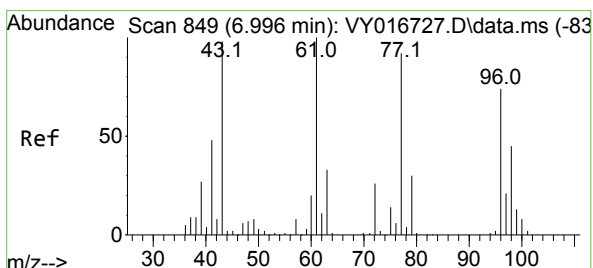
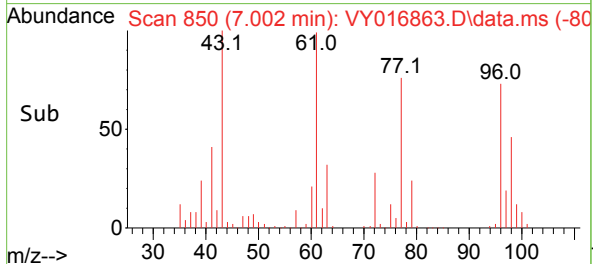
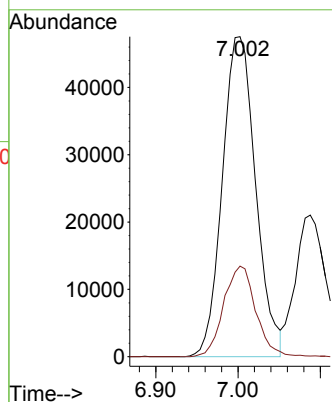
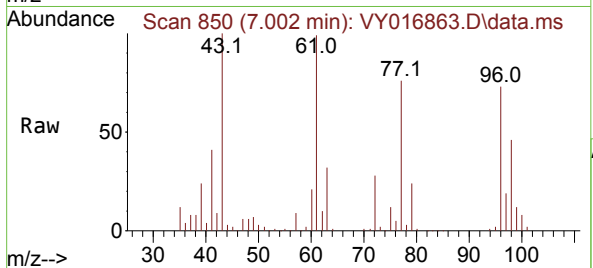
ClientSampleId :

Tgt Ion: 43 Resp: 133840

Ion Ratio Lower Upper

43 100

72 28.3 21.4 32.2



#26

2,2-Dichloropropane

Concen: 55.680 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016863.D

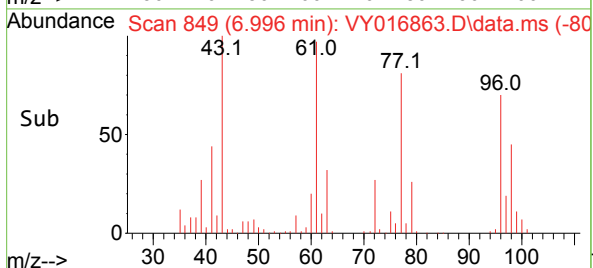
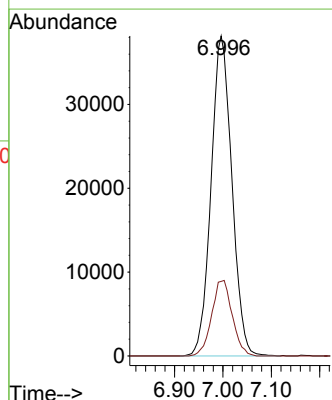
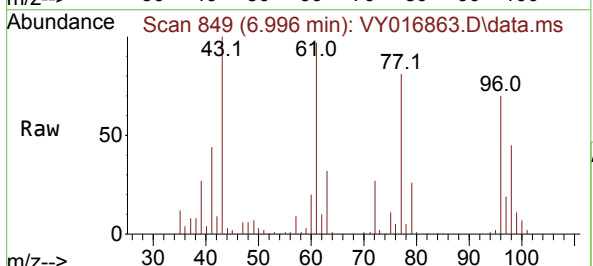
Acq: 26 Dec 2023 19:12

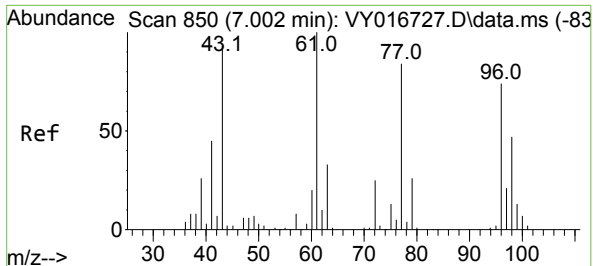
Tgt Ion: 77 Resp: 114030

Ion Ratio Lower Upper

77 100

97 23.4 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 62.089 ug/l

RT: 7.002 min Scan# 850

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

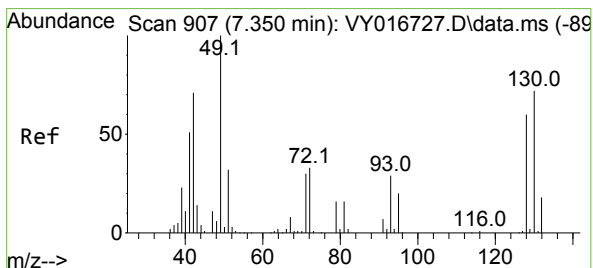
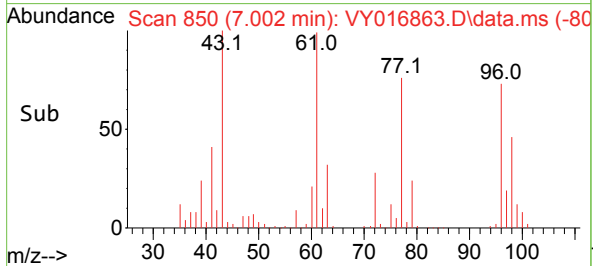
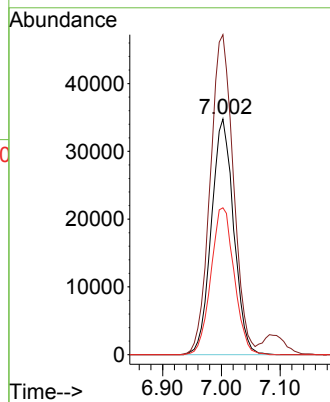
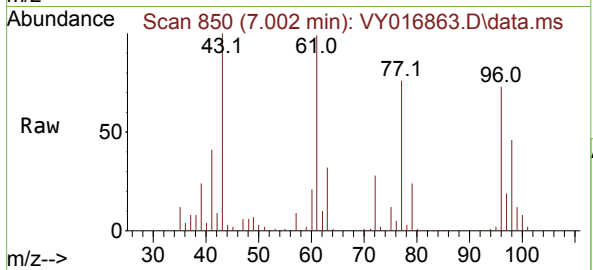
Tgt Ion: 96 Resp: 91881

Ion Ratio Lower Upper

96 100

61 141.2 0.0 278.8

98 65.0 0.0 127.0



#28

Bromochloromethane

Concen: 69.568 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

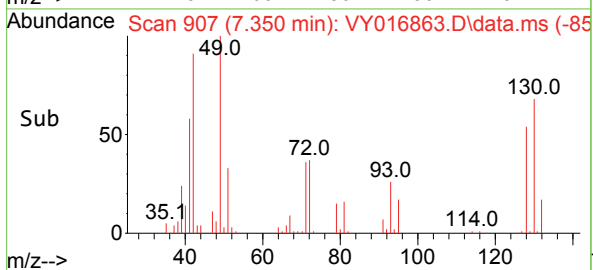
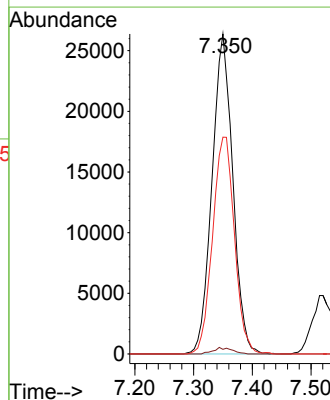
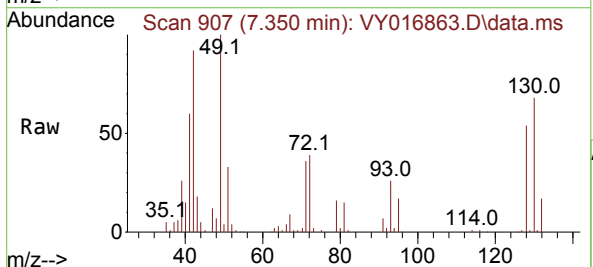
Tgt Ion: 49 Resp: 64618

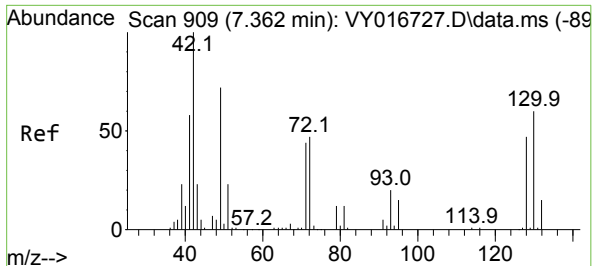
Ion Ratio Lower Upper

49 100

129 1.8 0.0 3.8

130 71.5 59.8 89.8





#29

Tetrahydrofuran

Concen: 381.575 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

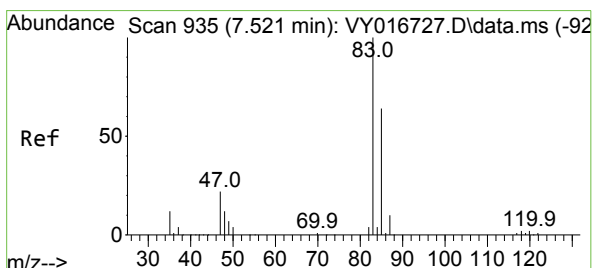
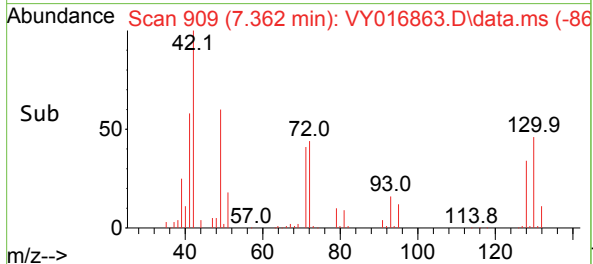
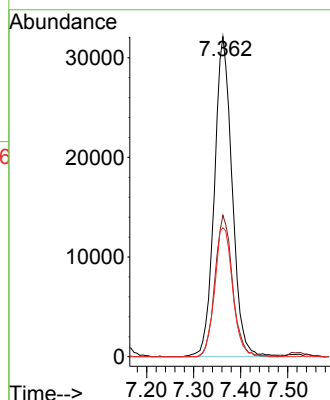
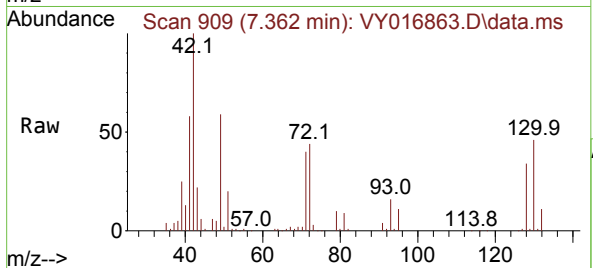
Tgt Ion: 42 Resp: 84686

Ion Ratio Lower Upper

42 100

72 43.4 36.6 54.8

71 40.8 33.8 50.6



#30

Chloroform

Concen: 63.142 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY016863.D

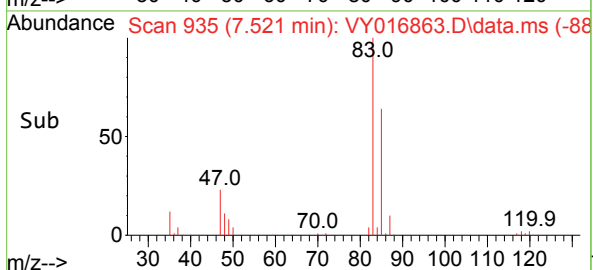
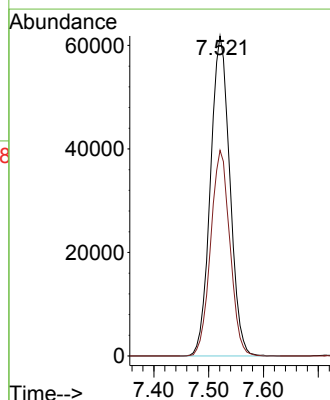
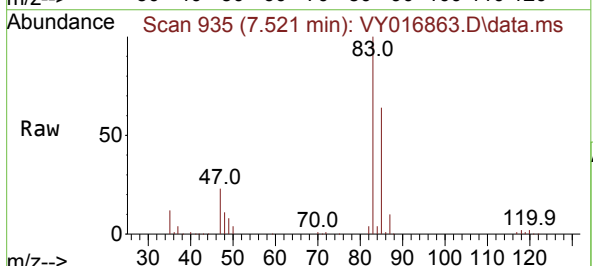
Acq: 26 Dec 2023 19:12

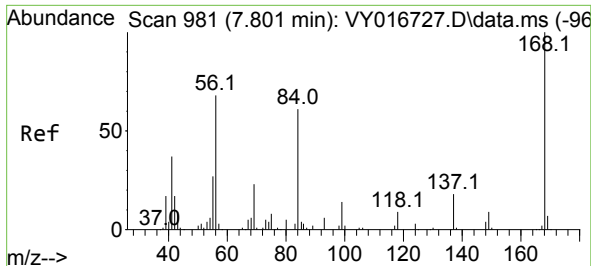
Tgt Ion: 83 Resp: 151696

Ion Ratio Lower Upper

83 100

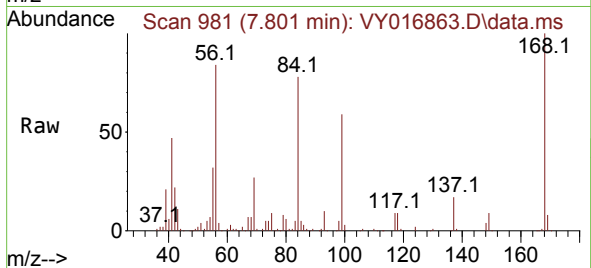
85 64.2 51.2 76.8



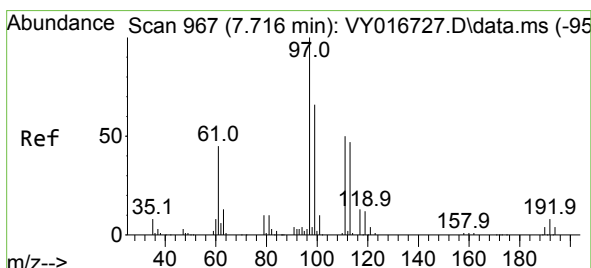
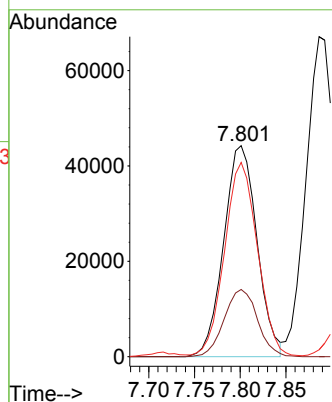
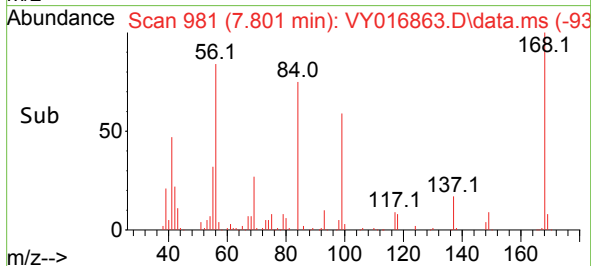


#31
Cyclohexane
Concen: 53.661 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

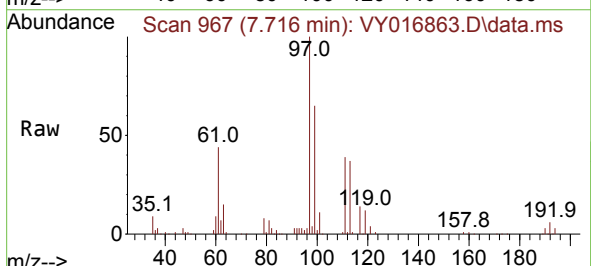
Instrument :
MSVOA_Y
ClientSampleId :



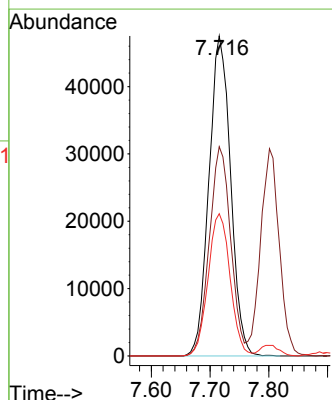
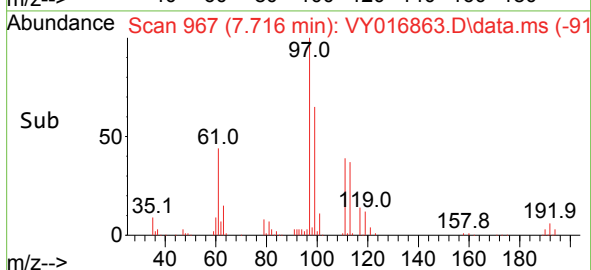
Tgt Ion: 56 Resp: 112085
Ion Ratio Lower Upper
56 100
69 31.9 27.0 40.6
84 91.2 71.8 107.6

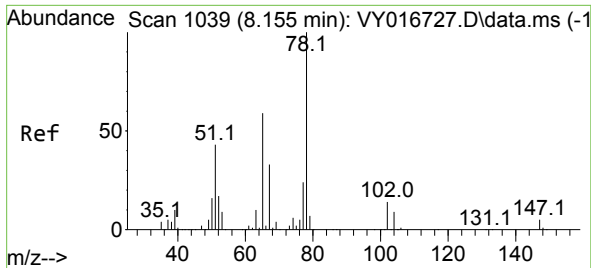


#32
1,1,1-Trichloroethane
Concen: 57.624 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12



Tgt Ion: 97 Resp: 121519
Ion Ratio Lower Upper
97 100
99 64.5 51.2 76.8
61 45.3 35.0 52.6

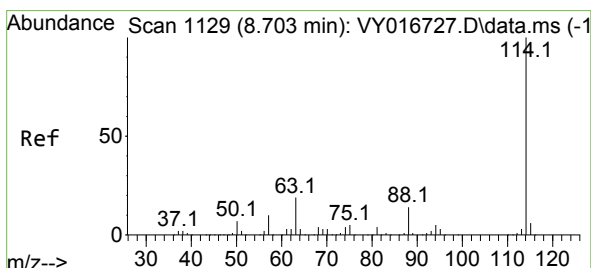
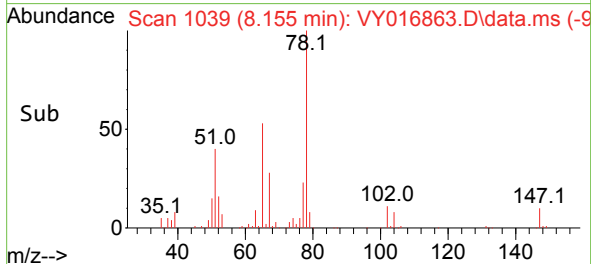
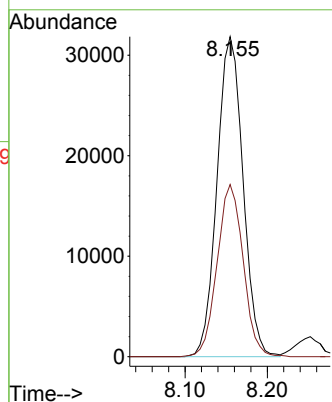
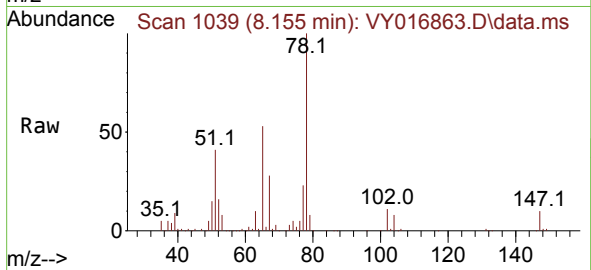




#33
 1,2-Dichloroethane-d4
 Concen: 64.346 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

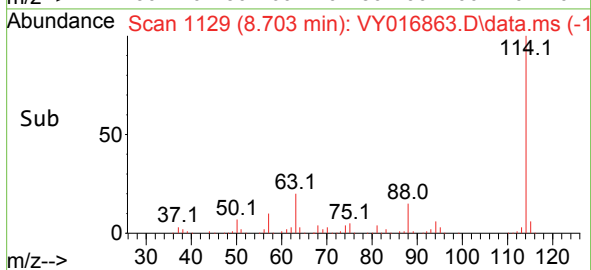
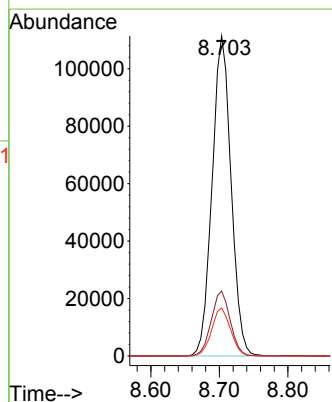
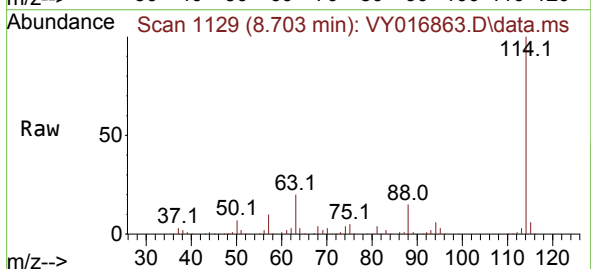
Instrument :
 MSVOA_Y
 ClientSampleId :

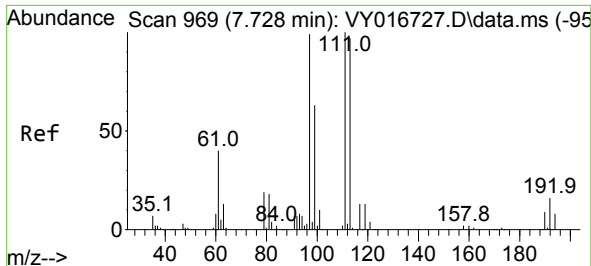
Tgt Ion: 65 Resp: 70150
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

Tgt Ion: 114 Resp: 213750
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 37.4
 88 15.0 0.0 29.0

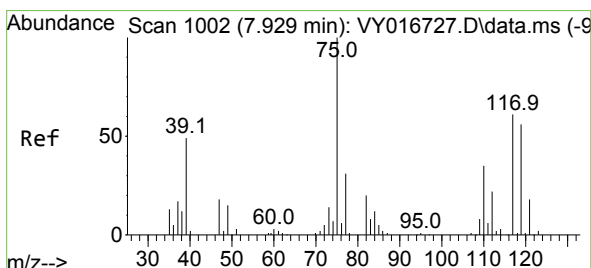
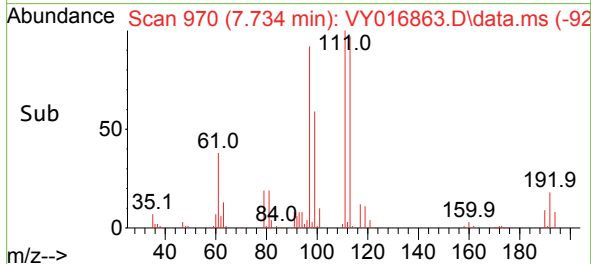
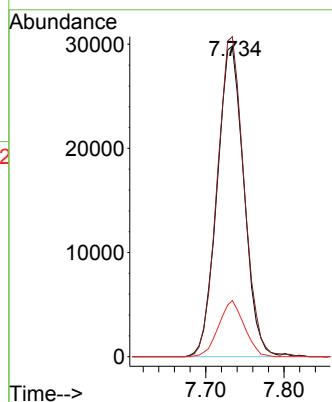
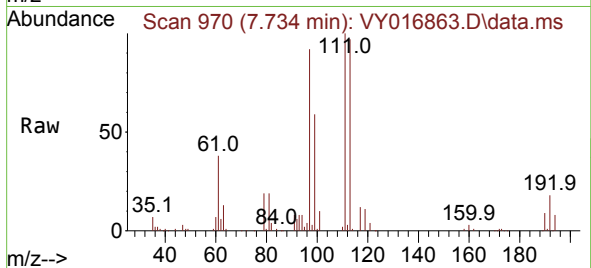




#35
Dibromofluoromethane
Concen: 57.917 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

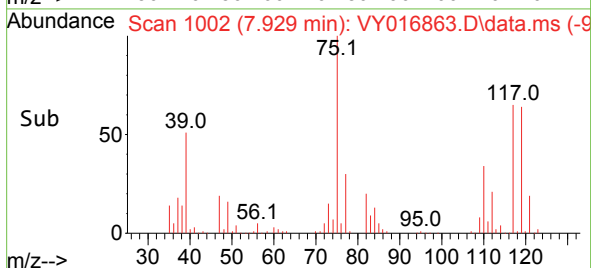
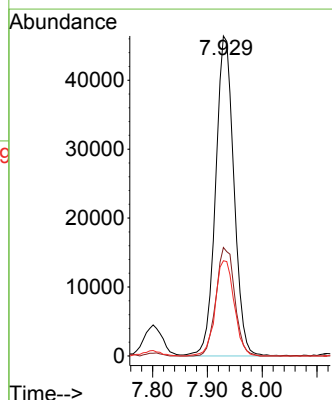
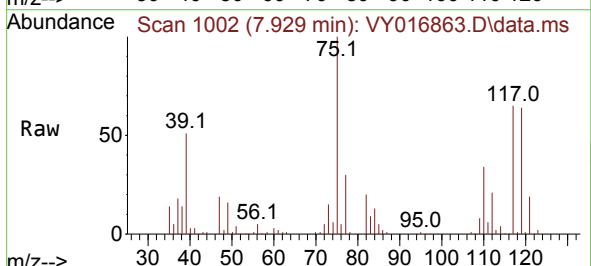
Instrument :
MSVOA_Y
ClientSampleId :

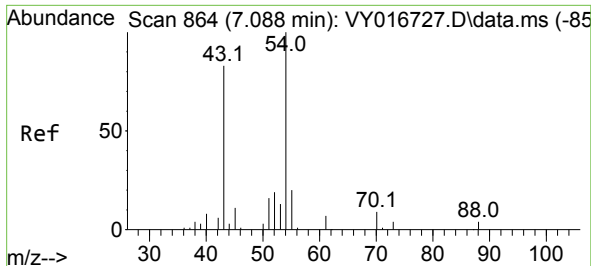
Tgt Ion:113 Resp: 70914
Ion Ratio Lower Upper
113 100
111 103.1 83.8 125.6
192 17.2 14.5 21.7



#36
1,1-Dichloropropene
Concen: 54.976 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 75 Resp: 107914
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 31.0 24.7 37.1

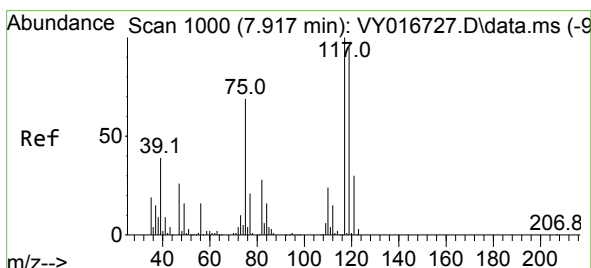
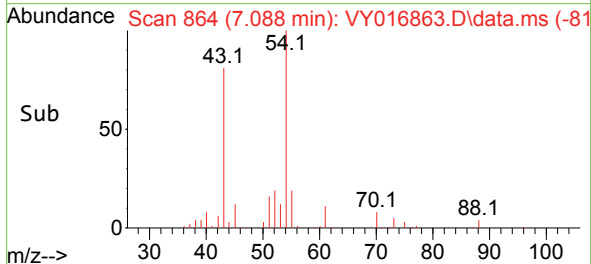
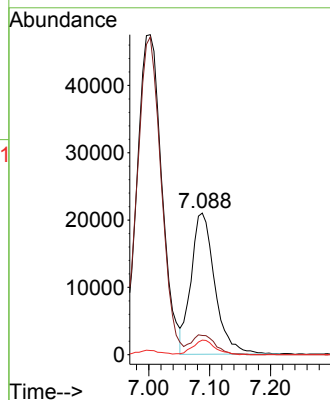
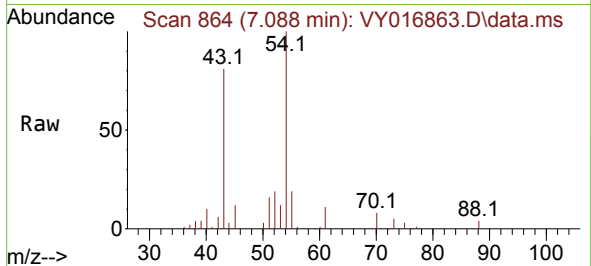




#37
Ethyl Acetate
Concen: 67.441 ug/l
RT: 7.088 min Scan# 864
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

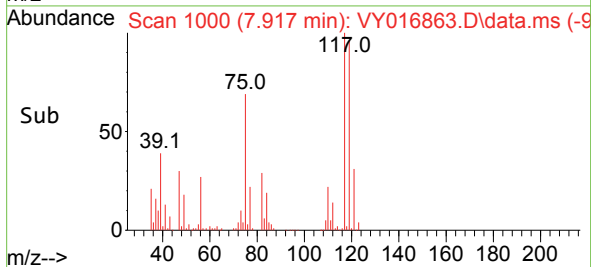
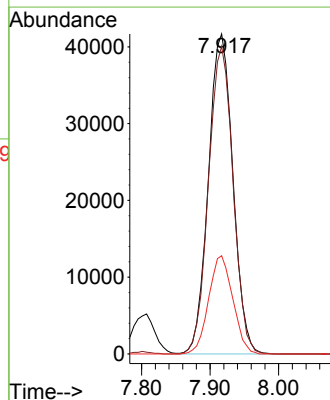
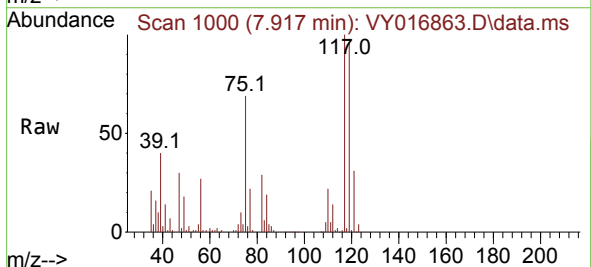
Instrument :
MSVOA_Y
ClientSampleId :

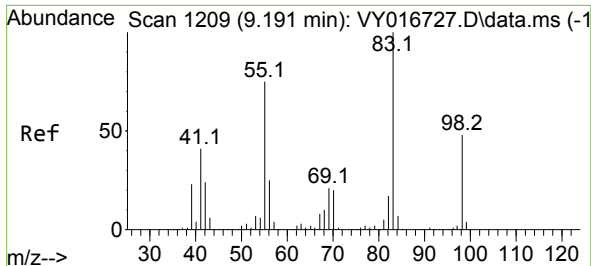
Tgt Ion: 43 Resp: 56742
Ion Ratio Lower Upper
43 100
61 14.3 11.0 16.6
70 9.8 8.1 12.1



#38
Carbon Tetrachloride
Concen: 53.355 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 117 Resp: 103636
Ion Ratio Lower Upper
117 100
119 96.1 76.0 114.0
121 30.7 24.2 36.2

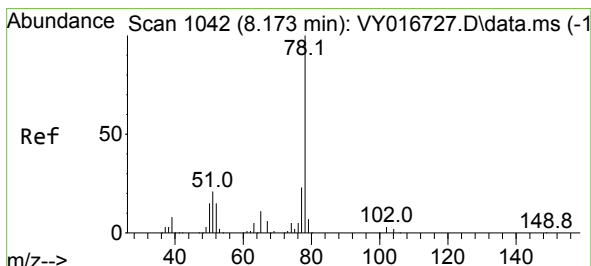
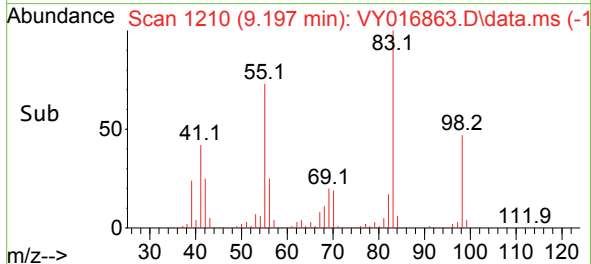
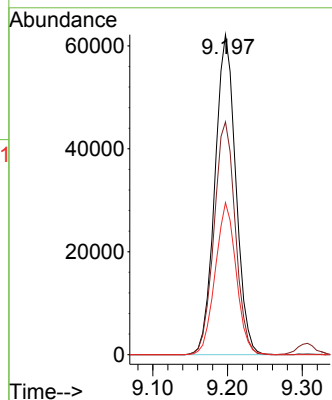
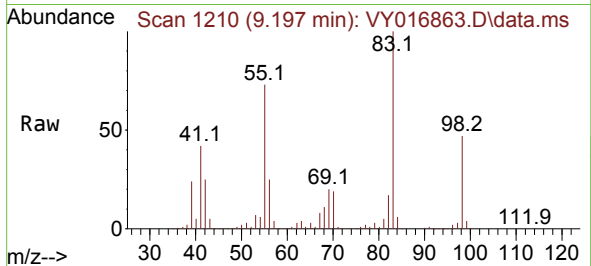




#39
Methylcyclohexane
Concen: 53.353 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

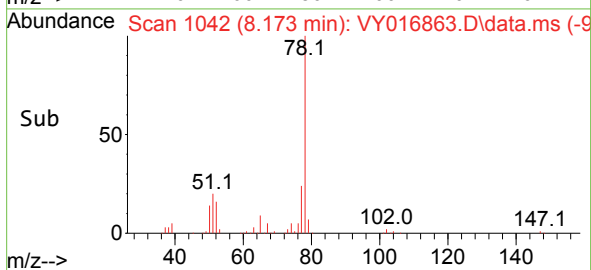
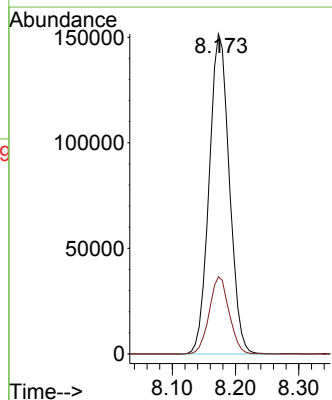
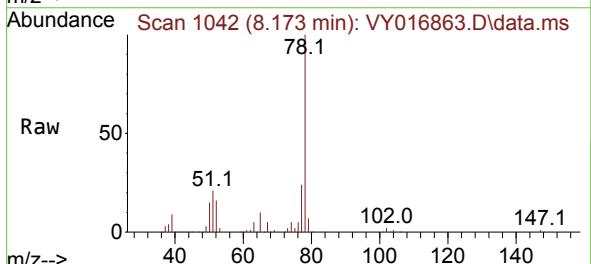
Instrument :
MSVOA_Y
ClientSampleId :

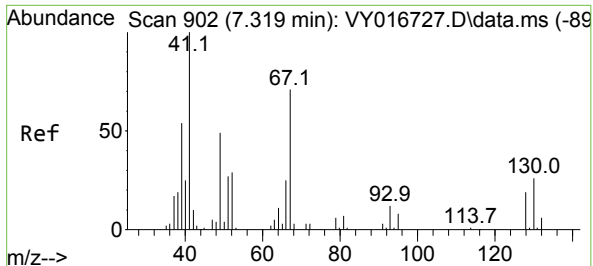
Tgt Ion: 83 Resp: 120915
Ion Ratio Lower Upper
83 100
55 72.8 59.7 89.5
98 47.5 38.0 57.0



#40
Benzene
Concen: 58.826 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 78 Resp: 336026
Ion Ratio Lower Upper
78 100
77 24.1 18.8 28.2

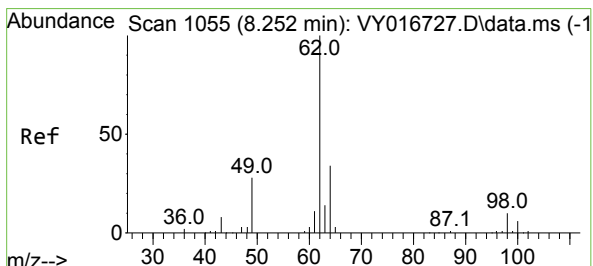
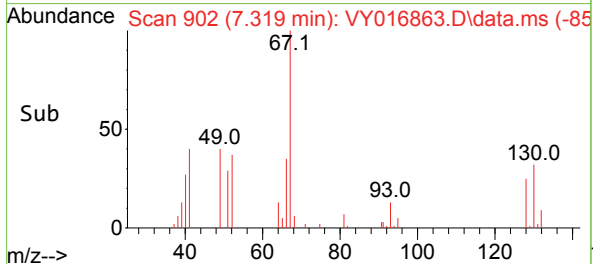
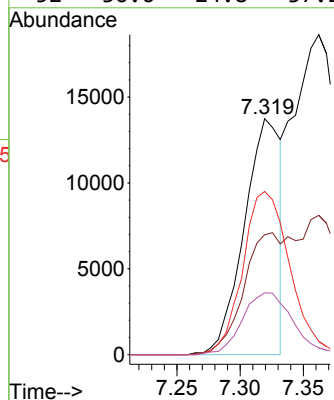
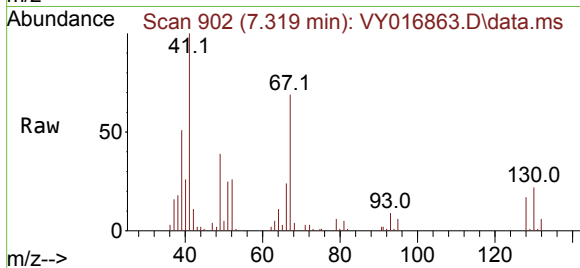




#41
Methacrylonitrile
Concen: 61.729 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

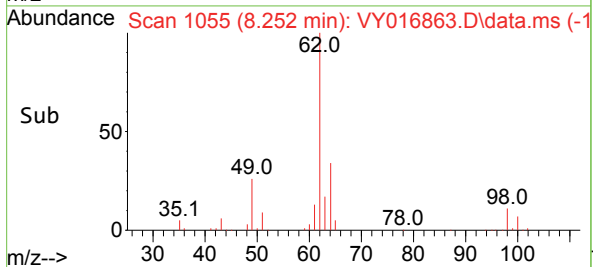
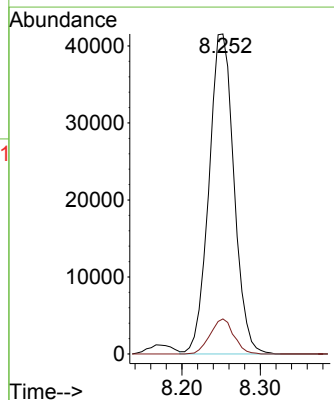
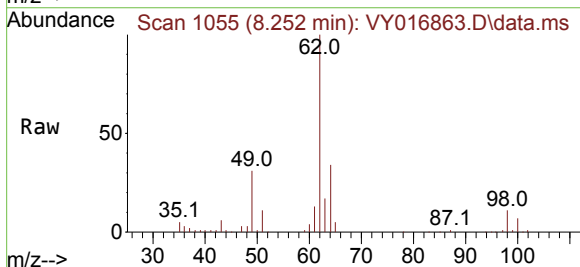
Instrument :
MSVOA_Y
ClientSampleId :

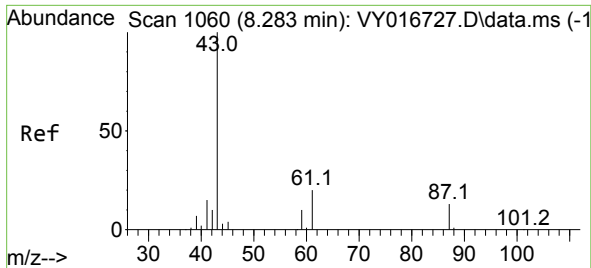
Tgt Ion:	41	Resp:	27575
Ion	Ratio	Lower	Upper
41	100		
39	52.8	41.9	62.9
67	89.8	59.8	89.6#
52	36.6	24.8	37.2



#42
1,2-Dichloroethane
Concen: 61.907 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:	62	Resp:	92258
Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	20.2

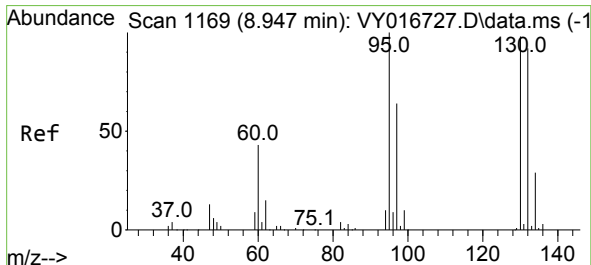
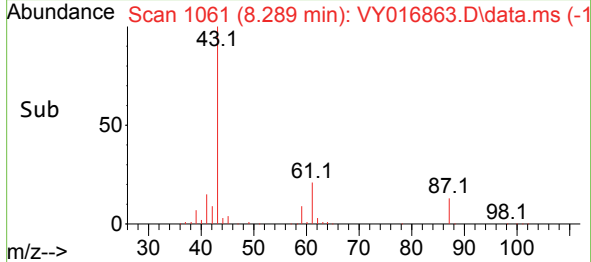
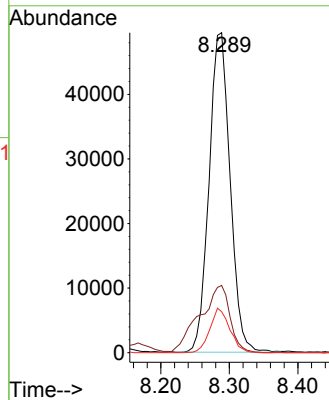
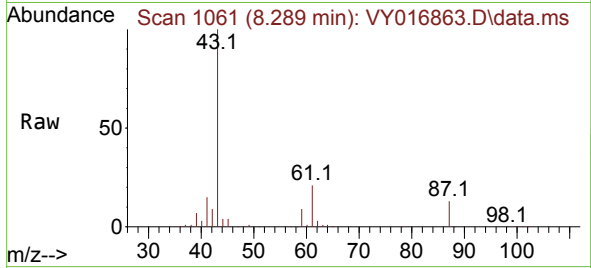




#43
Isopropyl Acetate
Concen: 64.666 ug/l
RT: 8.289 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

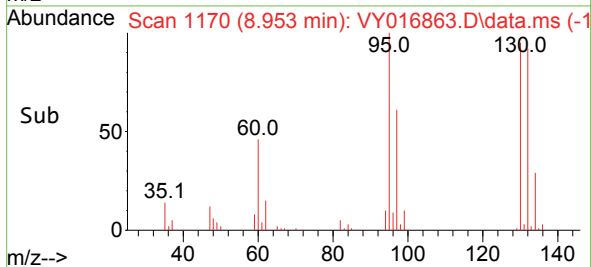
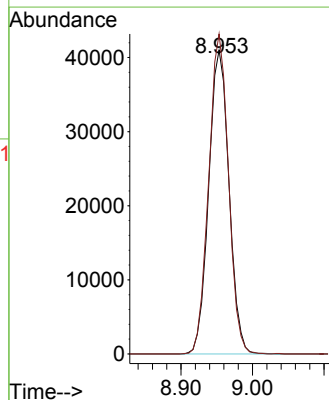
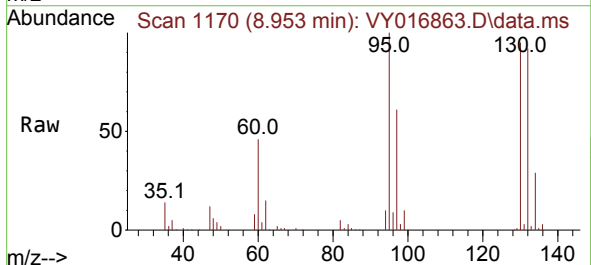
Instrument :
MSVOA_Y
ClientSampleId :

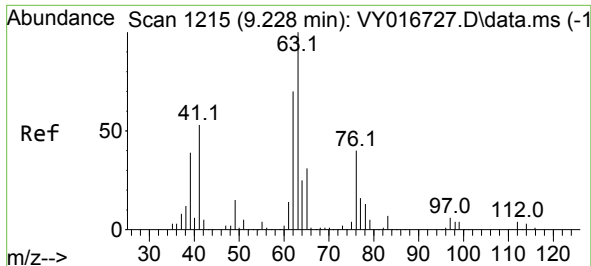
Tgt Ion: 43 Resp: 105670
Ion Ratio Lower Upper
43 100
61 30.3 24.8 37.2
87 13.1 10.7 16.1



#44
Trichloroethene
Concen: 55.412 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:130 Resp: 80787
Ion Ratio Lower Upper
130 100
95 105.3 0.0 203.8





#45

1,2-Dichloropropane

Concen: 60.075 ug/l

RT: 9.228 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

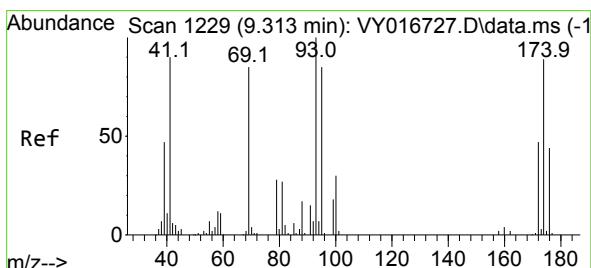
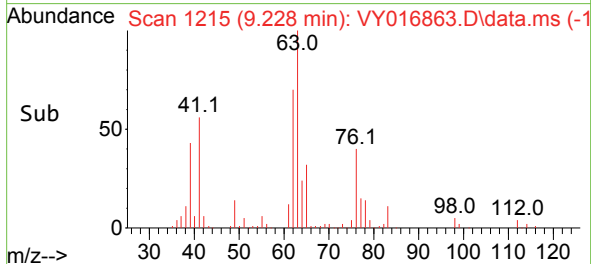
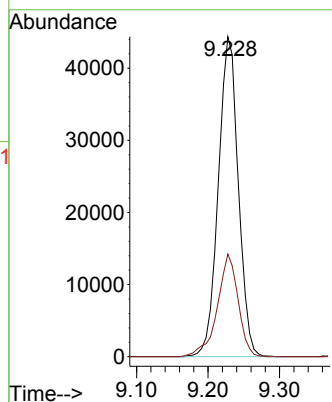
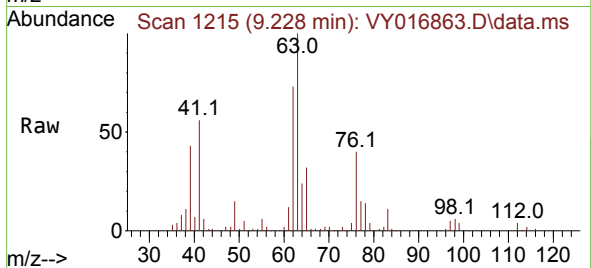
ClientSampleId :

Tgt Ion: 63 Resp: 86080

Ion Ratio Lower Upper

63 100

65 32.0 24.6 36.8



#46

Dibromomethane

Concen: 62.063 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

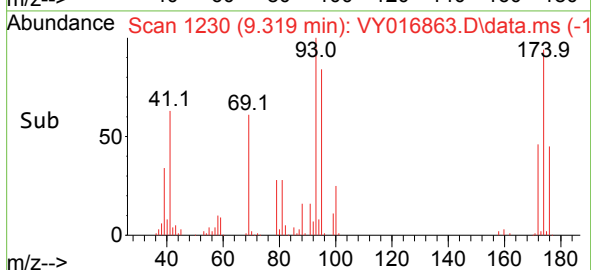
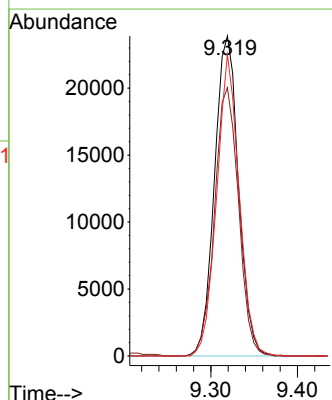
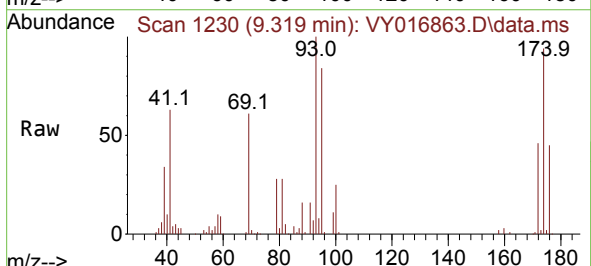
Tgt Ion: 93 Resp: 45941

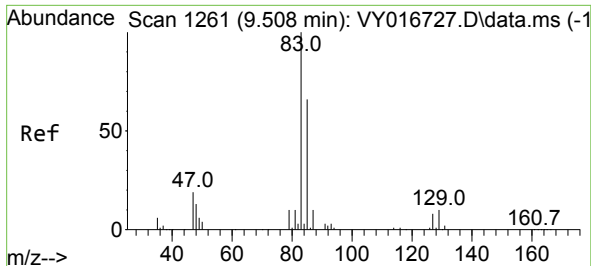
Ion Ratio Lower Upper

93 100

95 83.7 66.6 99.8

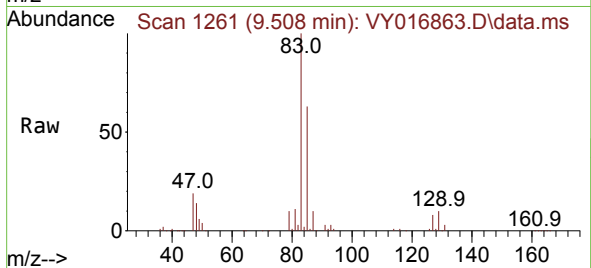
174 88.3 73.8 110.6



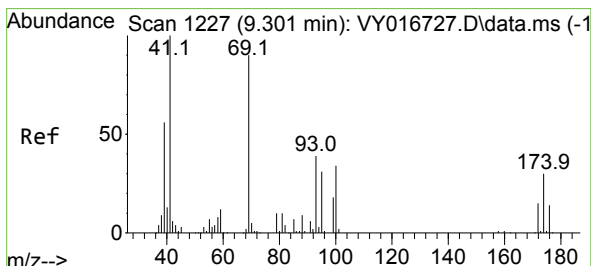
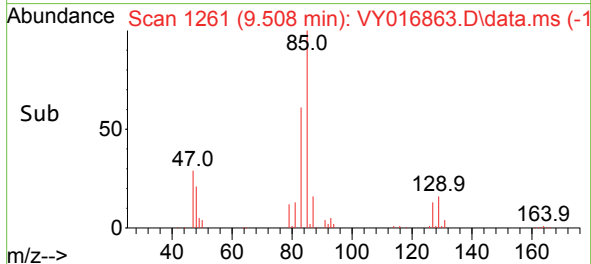
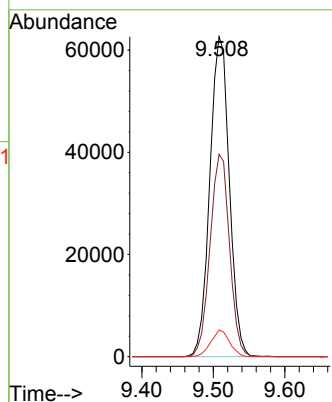


#47
Bromodichloromethane
Concen: 60.741 ug/l
RT: 9.508 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :

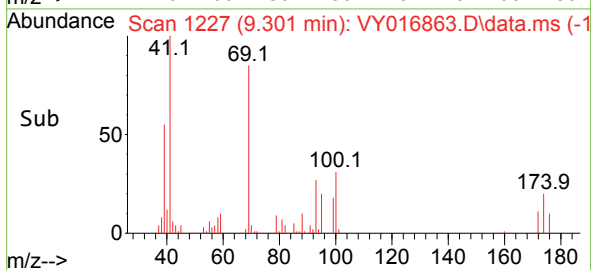
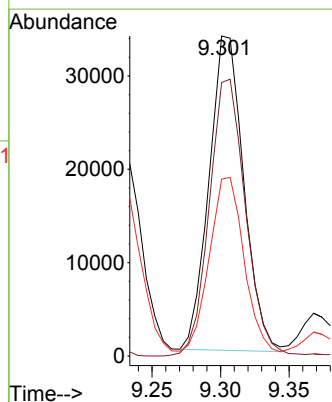
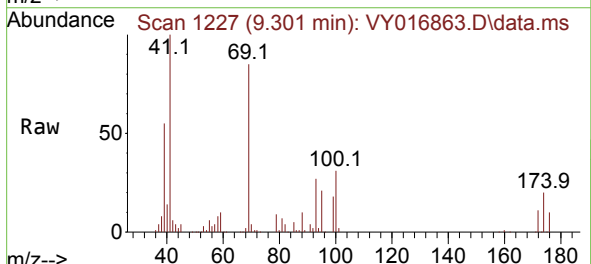


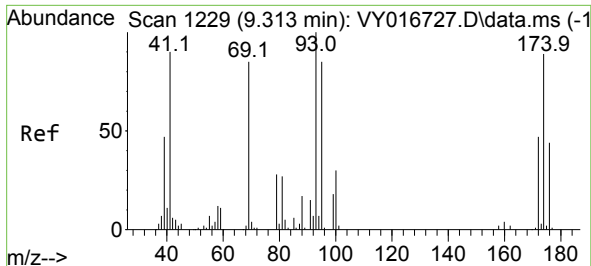
Tgt Ion: 83 Resp: 118506
Ion Ratio Lower Upper
83 100
85 63.2 53.2 79.8
127 8.4 6.4 9.6



#48
Methyl methacrylate
Concen: 65.237 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

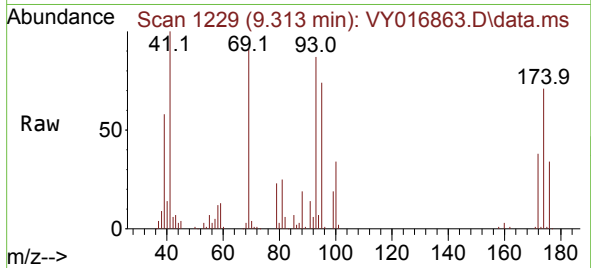
Tgt Ion: 41 Resp: 59247
Ion Ratio Lower Upper
41 100
69 92.5 72.1 108.1
39 58.1 42.8 64.2



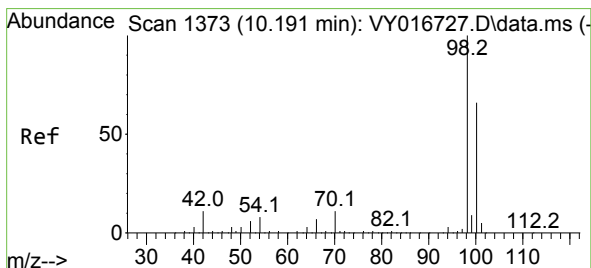
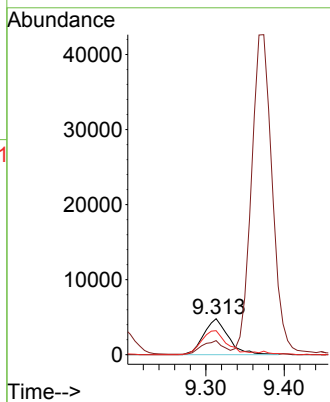
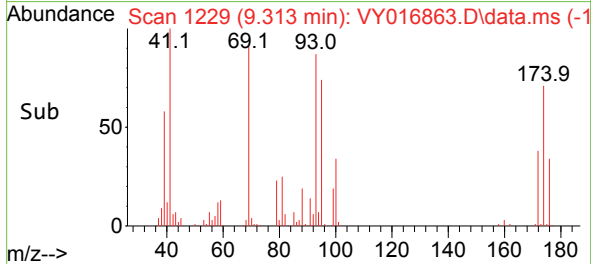


#49
1,4-Dioxane
Concen: 1462.989 ug/l
RT: 9.313 min Scan# 1229
Delta R.T. -0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Instrument :
MSVOA_Y
ClientSampleId :

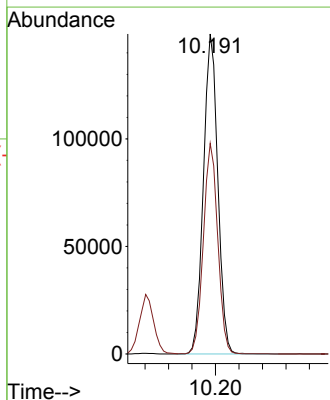
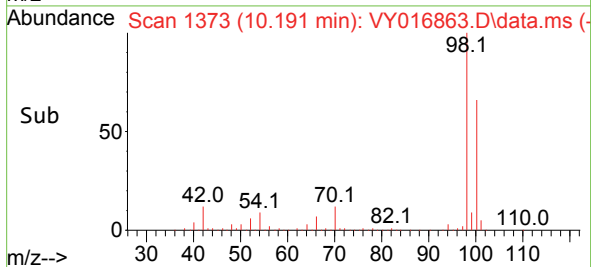
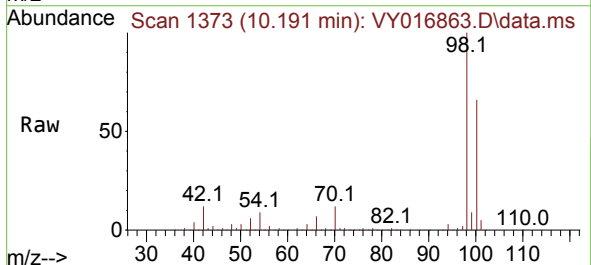


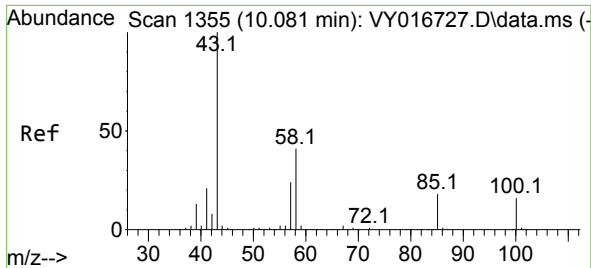
Tgt Ion: 88 Resp: 10511
Ion Ratio Lower Upper
88 100
43 32.6 28.2 42.4
58 68.9 52.2 78.2



#50
Toluene-d8
Concen: 57.269 ug/l
RT: 10.191 min Scan# 1373
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 98 Resp: 252777
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

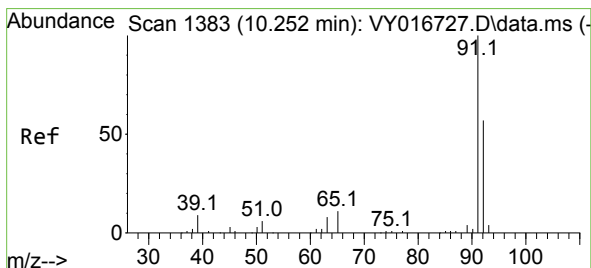
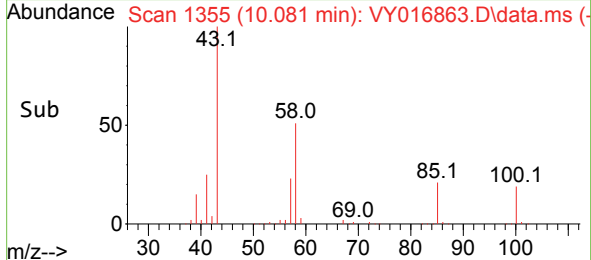
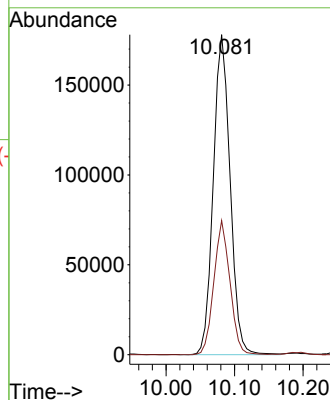
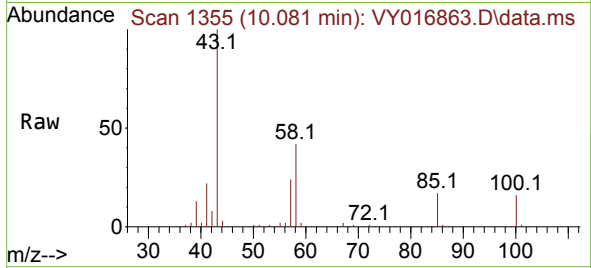




#51
4-Methyl-2-Pentanone
Concen: 348.234 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

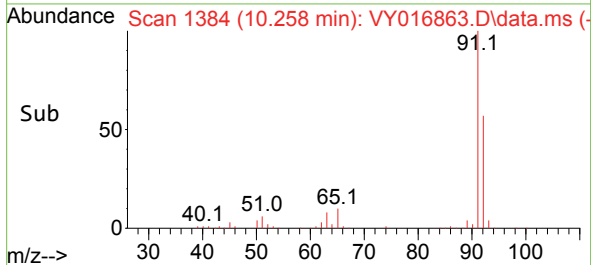
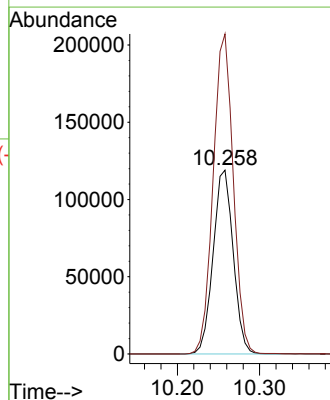
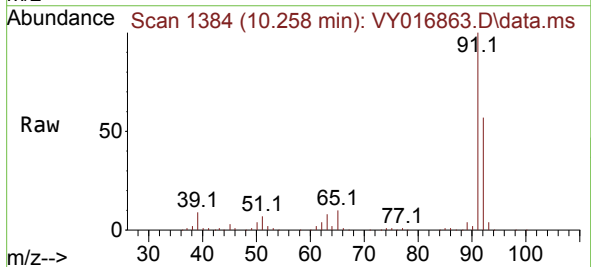
Instrument :
MSVOA_Y
ClientSampleId :

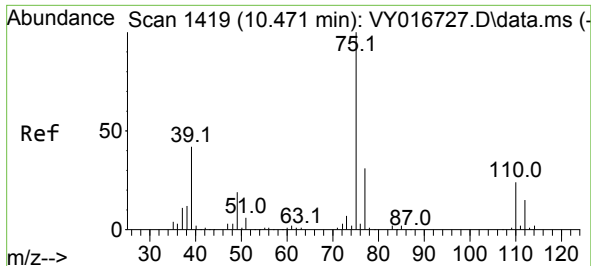
Tgt Ion: 43 Resp: 303195
Ion Ratio Lower Upper
43 100
58 40.1 32.2 48.2



#52
Toluene
Concen: 58.984 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 92 Resp: 201910
Ion Ratio Lower Upper
92 100
91 174.5 137.6 206.4

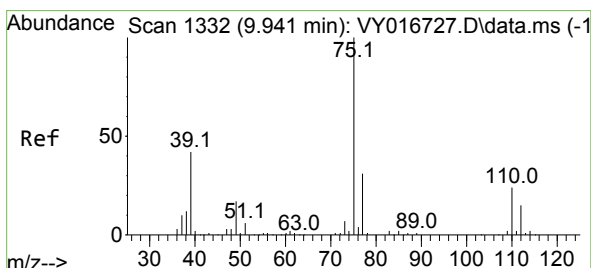
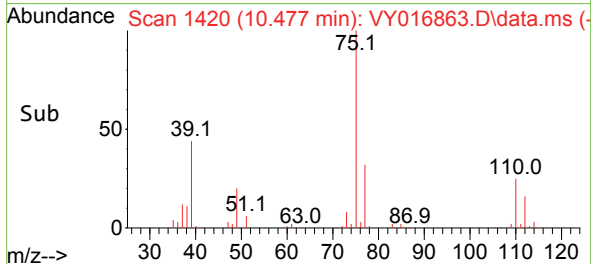
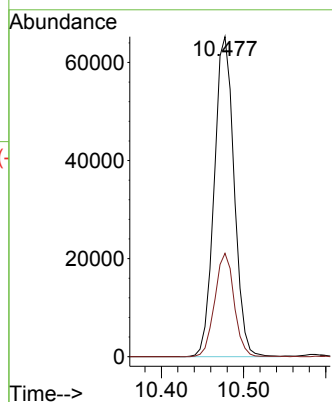
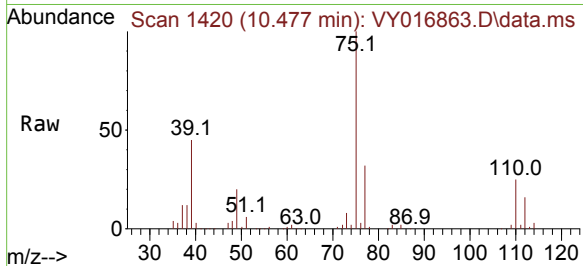




#53
 t-1,3-Dichloropropene
 Concen: 61.556 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

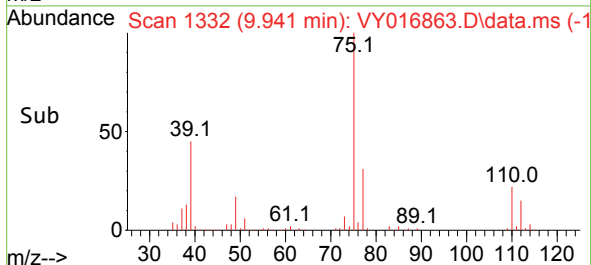
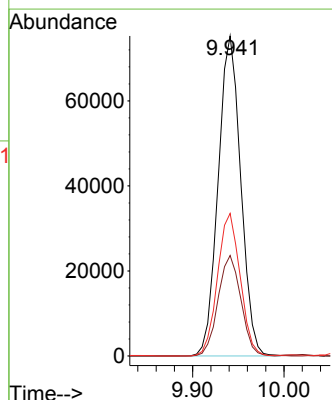
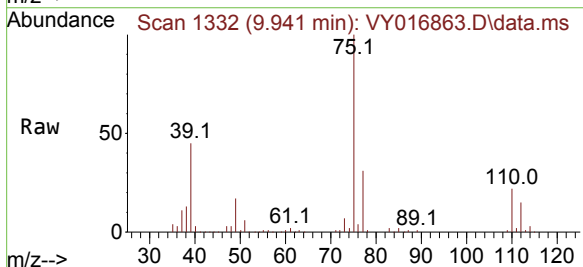
Instrument :
 MSVOA_Y
 ClientSampleId :

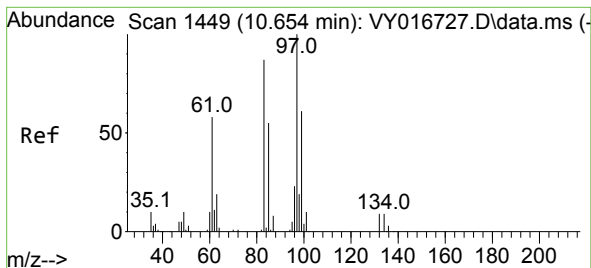
Tgt Ion: 75 Resp: 109508
 Ion Ratio Lower Upper
 75 100
 77 32.3 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 60.295 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

Tgt Ion: 75 Resp: 129384
 Ion Ratio Lower Upper
 75 100
 77 31.4 24.6 36.8
 39 44.6 33.6 50.4

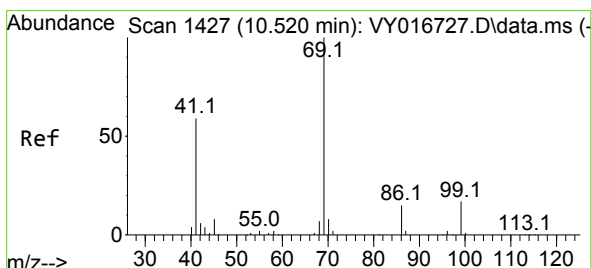
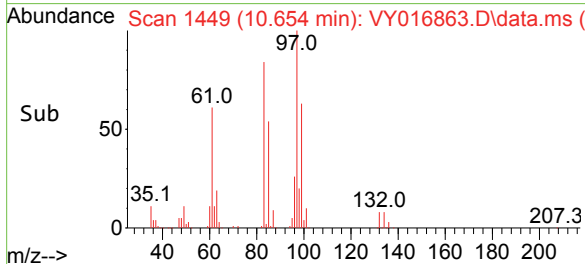
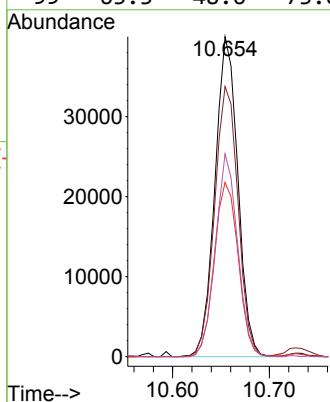
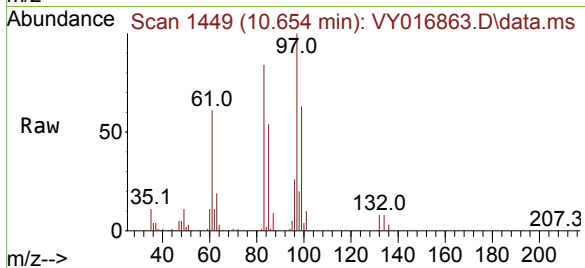




#55
1,1,2-Trichloroethane
Concen: 62.236 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

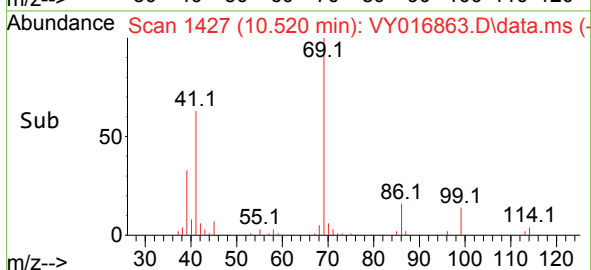
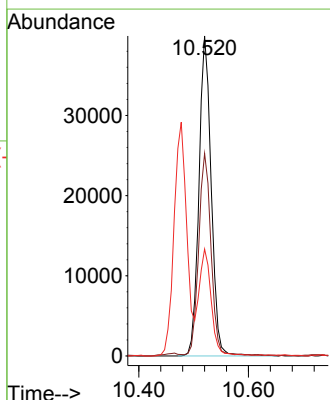
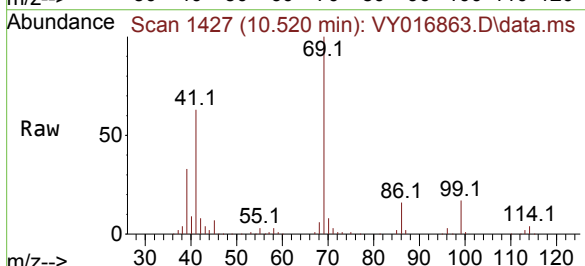
Instrument :
MSVOA_Y
ClientSampleId :

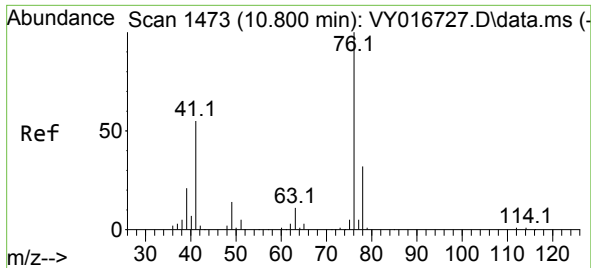
Tgt Ion: 97	Resp: 65729
Ion Ratio	Lower Upper
97 100	
83 84.4	69.4 104.2
85 54.5	43.9 65.9
99 63.3	48.6 73.0



#56
Ethyl methacrylate
Concen: 66.912 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 69	Resp: 62141
Ion Ratio	Lower Upper
69 100	
41 62.5	49.2 73.8
39 32.2	26.8 40.2

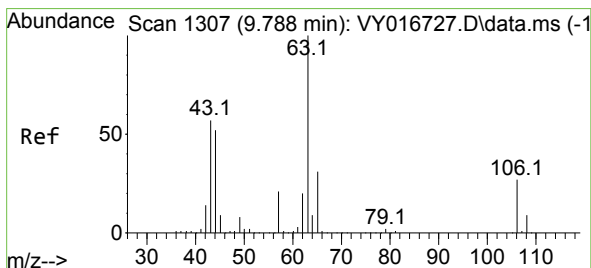
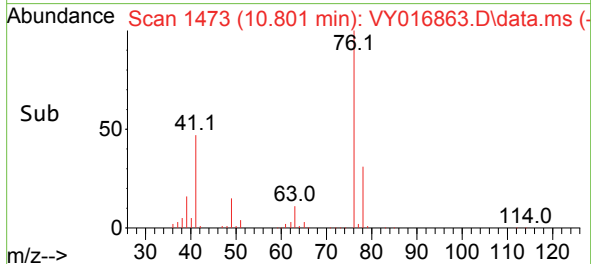
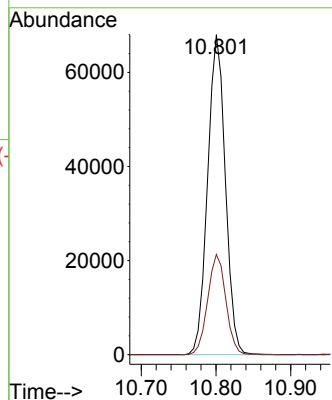
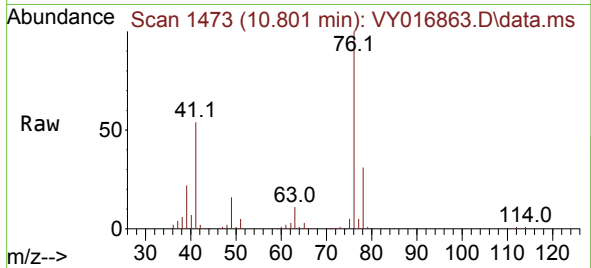




#57
1,3-Dichloropropane
Concen: 62.459 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. 0.001 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

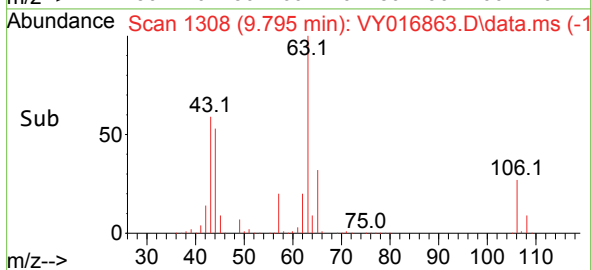
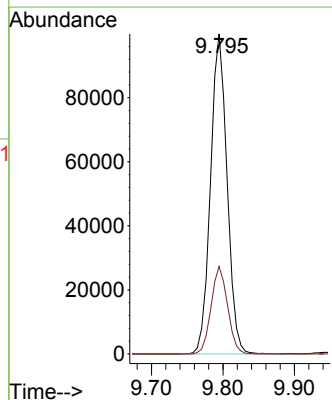
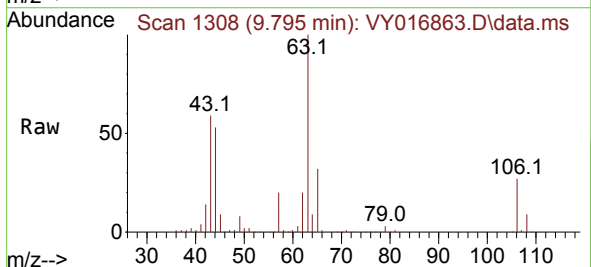
Instrument :
MSVOA_Y
ClientSampleId :

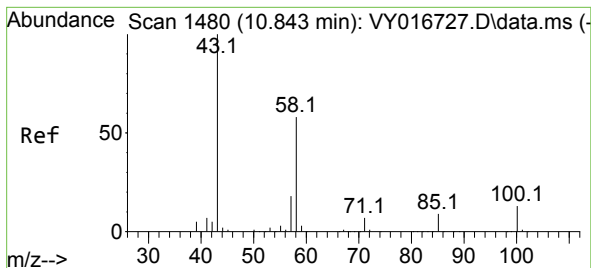
Tgt Ion: 76 Resp: 112043
Ion Ratio Lower Upper
76 100
78 32.1 26.1 39.1



#58
2-Chloroethyl Vinyl ether
Concen: 320.842 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. 0.007 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 63 Resp: 160291
Ion Ratio Lower Upper
63 100
106 27.2 22.4 33.6

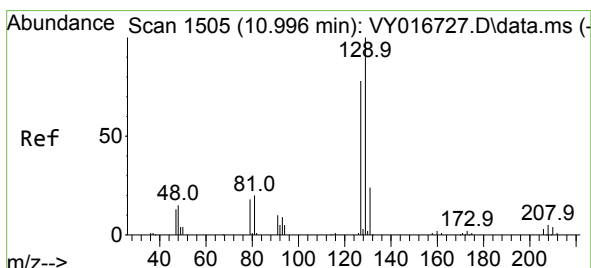
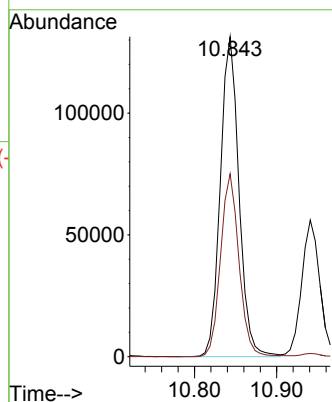
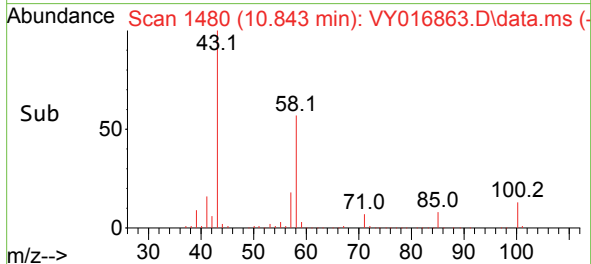
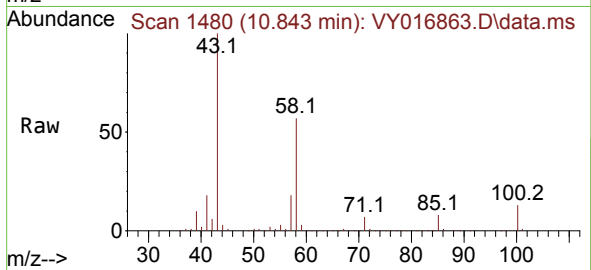




#59
2-Hexanone
Concen: 318.095 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

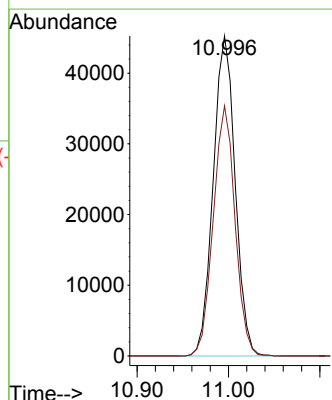
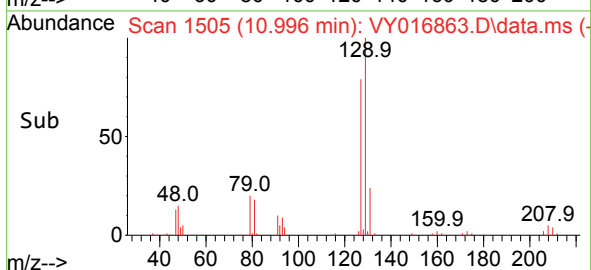
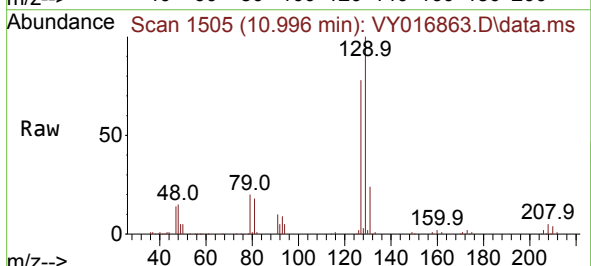
Instrument :
MSVOA_Y
ClientSampleId :

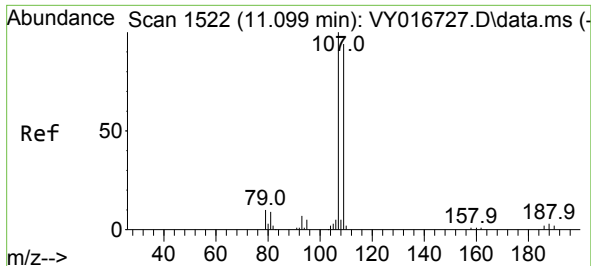
Tgt Ion: 43 Resp: 206513
Ion Ratio Lower Upper
43 100
58 56.7 28.1 84.3



#60
Dibromochloromethane
Concen: 61.774 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:129 Resp: 75472
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6

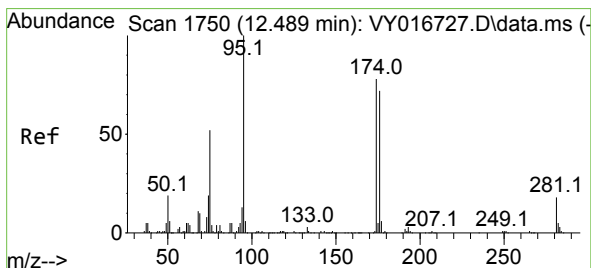
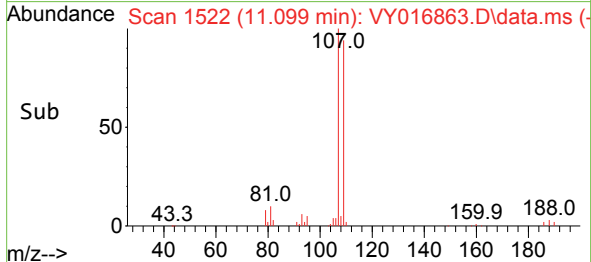
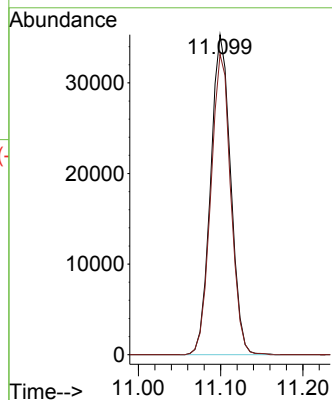
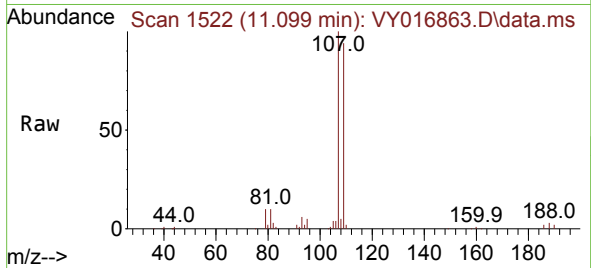




#61
1,2-Dibromoethane
Concen: 63.067 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

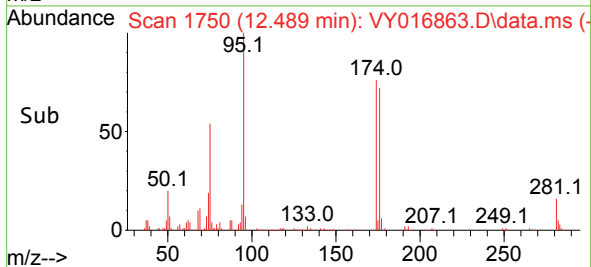
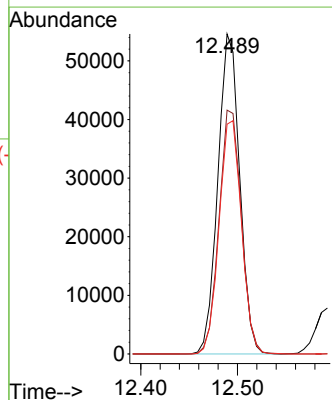
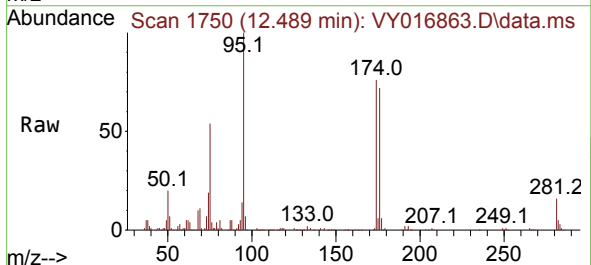
Instrument :
MSVOA_Y
ClientSampleId :

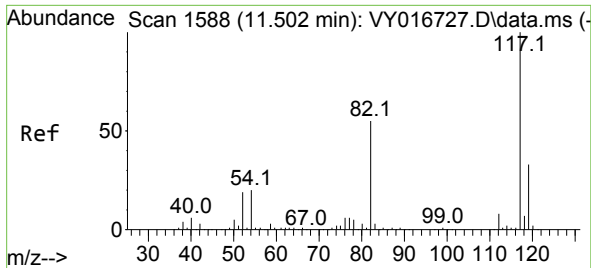
Tgt Ion:107 Resp: 59733
Ion Ratio Lower Upper
107 100
109 93.0 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 59.750 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 95 Resp: 85562
Ion Ratio Lower Upper
95 100
174 78.0 0.0 160.0
176 74.8 0.0 151.8

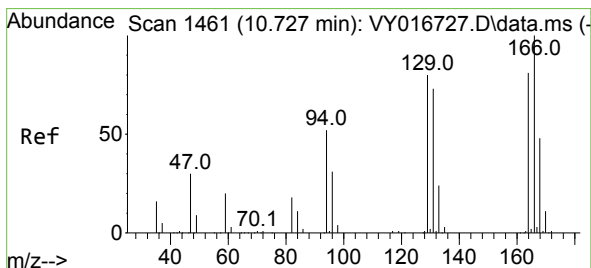
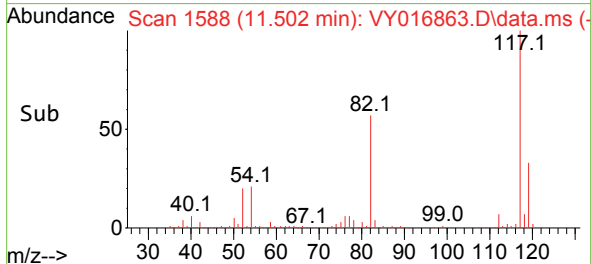
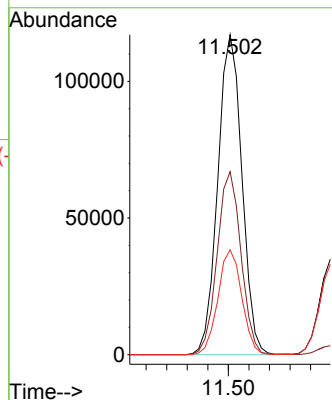
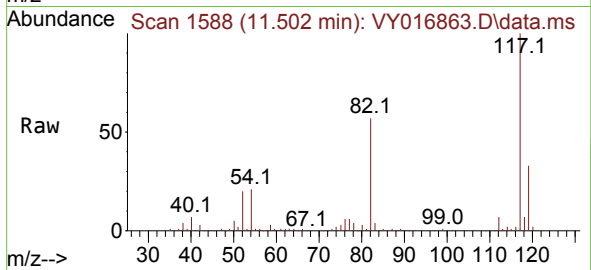




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

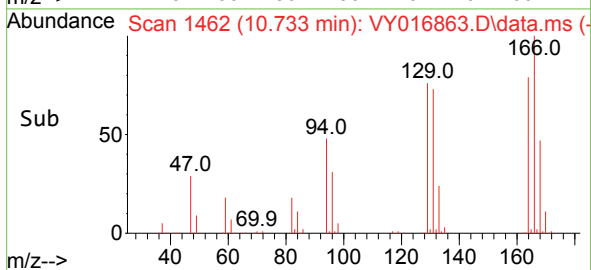
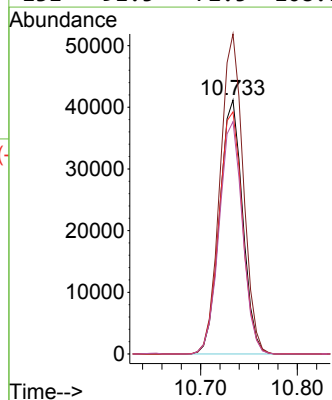
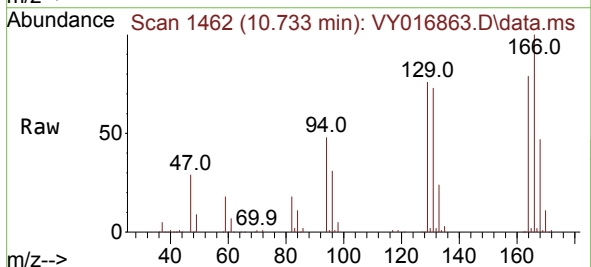
Instrument :
MSVOA_Y
ClientSampleId :

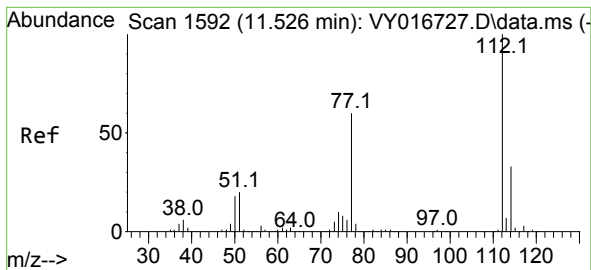
Tgt Ion:117 Resp: 190725
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 32.8 26.5 39.7



#64
Tetrachloroethene
Concen: 57.434 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:164 Resp: 68046
Ion Ratio Lower Upper
164 100
166 126.0 98.8 148.2
129 95.3 78.9 118.3
131 91.5 72.5 108.7





#65

Chlorobenzene

Concen: 56.929 ug/l

RT: 11.526 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

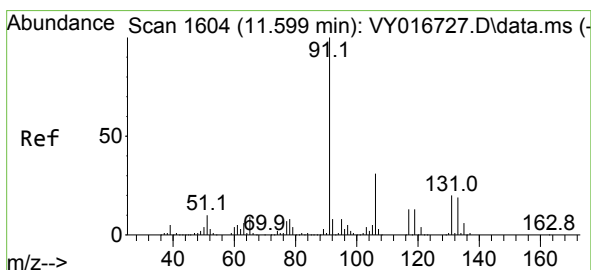
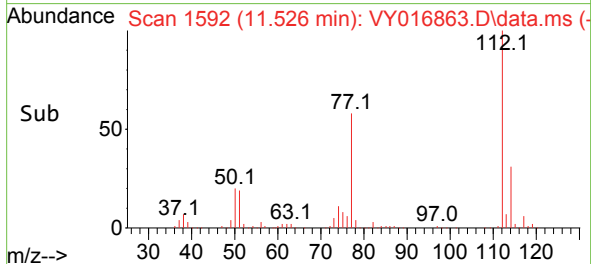
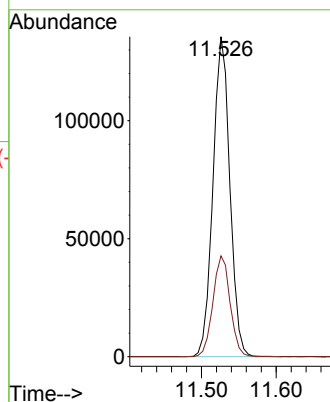
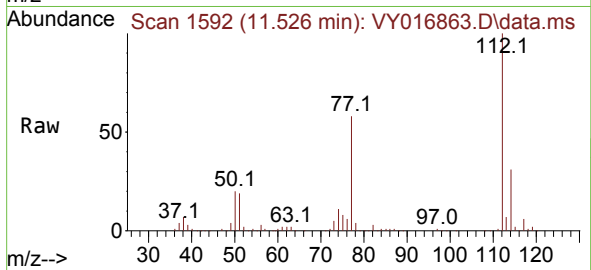
ClientSampleId :

Tgt Ion:112 Resp: 213325

Ion Ratio Lower Upper

112 100

114 31.5 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 56.408 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

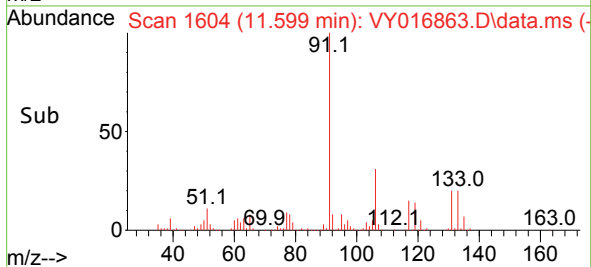
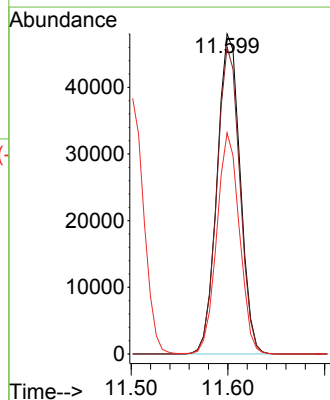
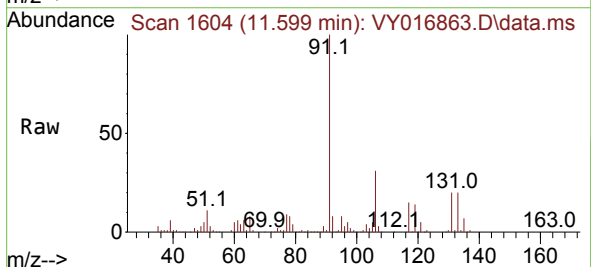
Tgt Ion:131 Resp: 79529

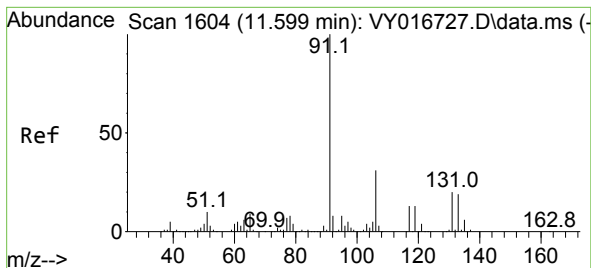
Ion Ratio Lower Upper

131 100

133 95.3 47.0 141.0

119 67.8 33.3 99.9





#67

Ethyl Benzene

Concen: 56.246 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

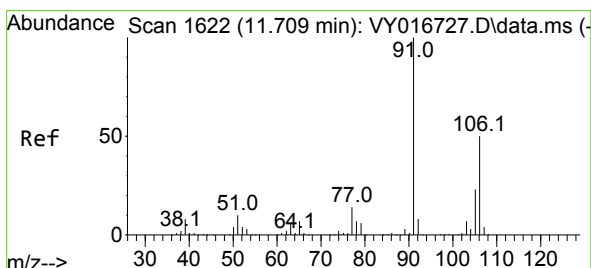
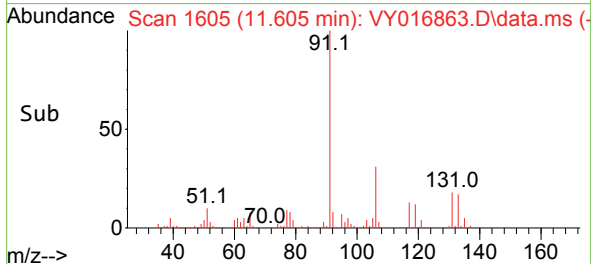
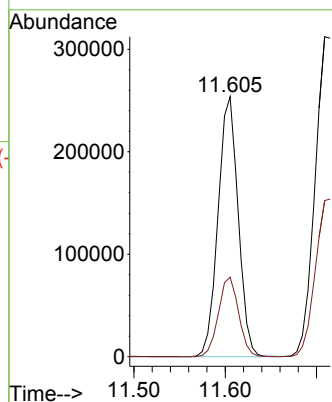
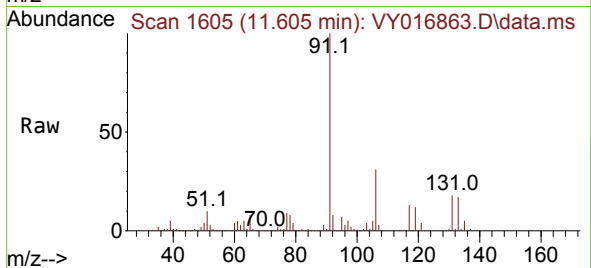
ClientSampleId :

Tgt Ion: 91 Resp: 387938

Ion Ratio Lower Upper

91 100

106 30.6 25.0 37.4



#68

m/p-Xylenes

Concen: 113.560 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016863.D

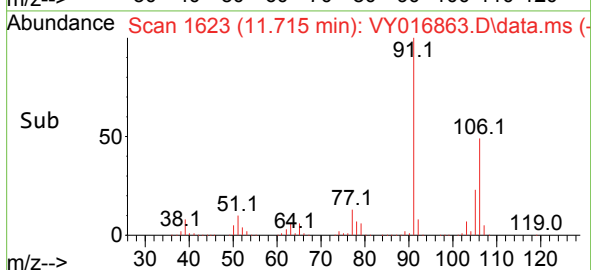
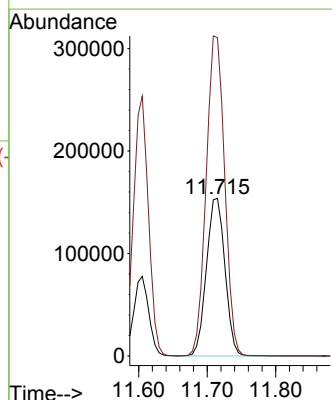
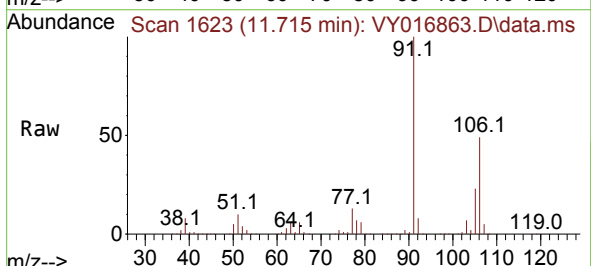
Acq: 26 Dec 2023 19:12

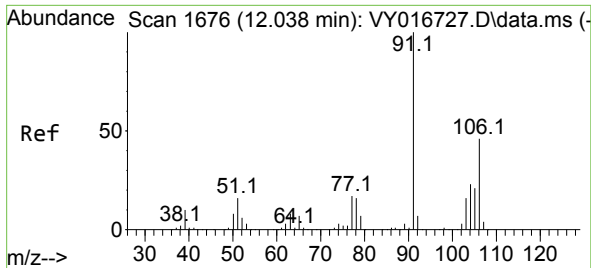
Tgt Ion:106 Resp: 289227

Ion Ratio Lower Upper

106 100

91 202.3 160.7 241.1

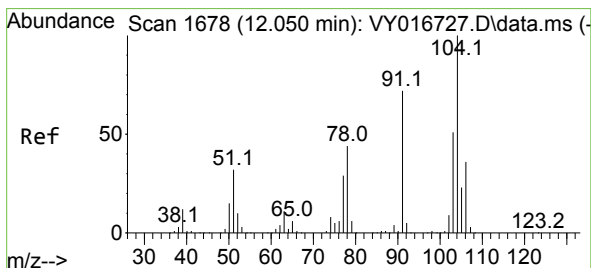
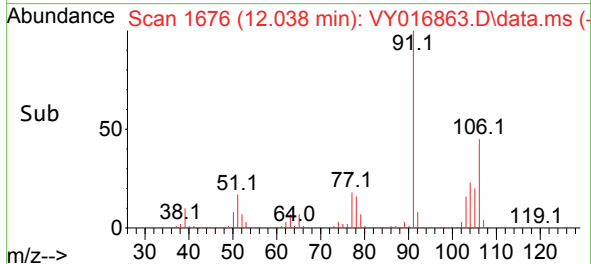
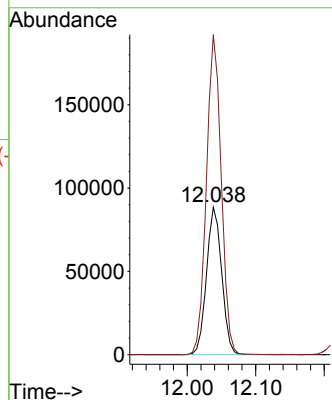
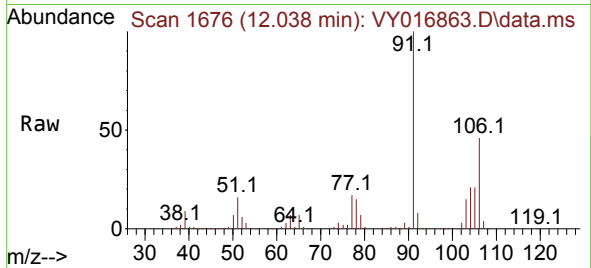




#69
o-Xylene
Concen: 58.522 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

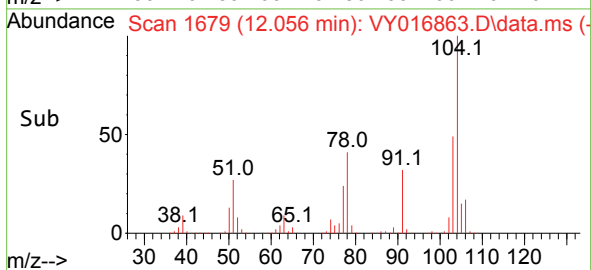
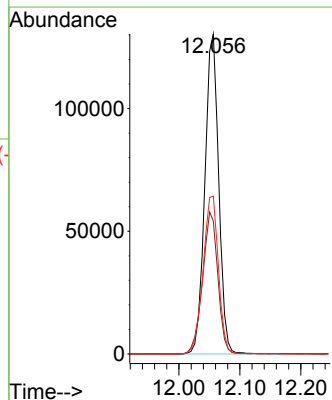
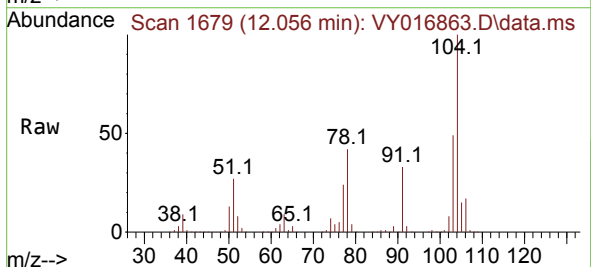
Instrument :
MSVOA_Y
ClientSampleId :

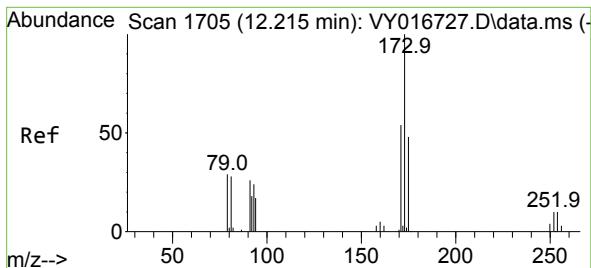
Tgt Ion:106 Resp: 136740
Ion Ratio Lower Upper
106 100
91 211.9 106.5 319.5



#70
Styrene
Concen: 59.673 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:104 Resp: 206320
Ion Ratio Lower Upper
104 100
78 48.7 39.2 58.8
103 54.9 43.8 65.6





#71

Bromoform

Concen: 60.369 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

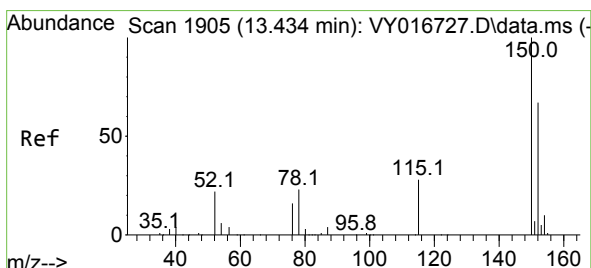
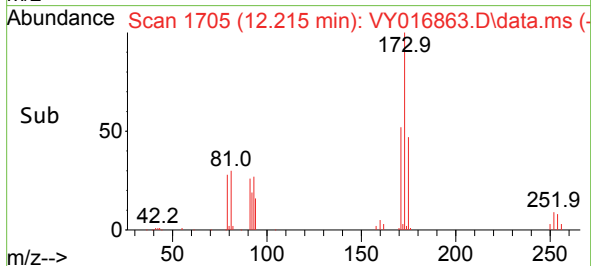
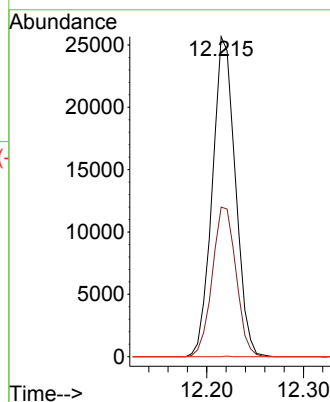
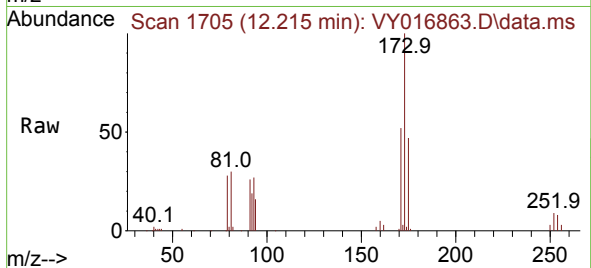
Tgt Ion:173 Resp: 42433

Ion Ratio Lower Upper

173 100

175 48.2 23.5 70.6

254 0.0 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

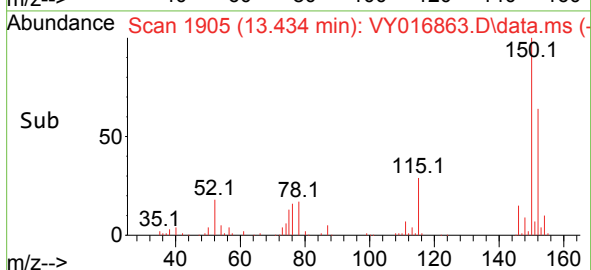
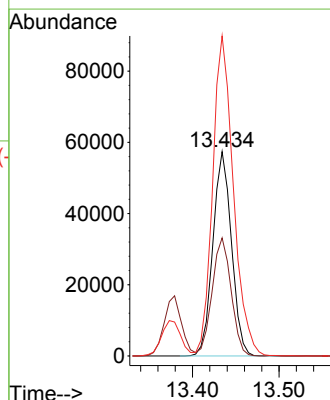
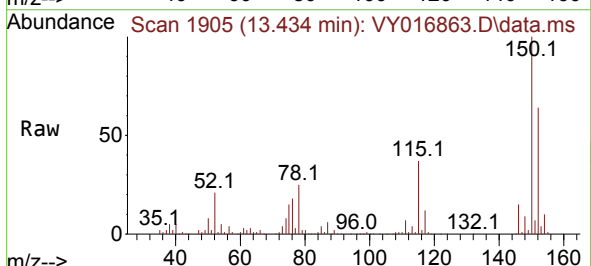
Tgt Ion:152 Resp: 85622

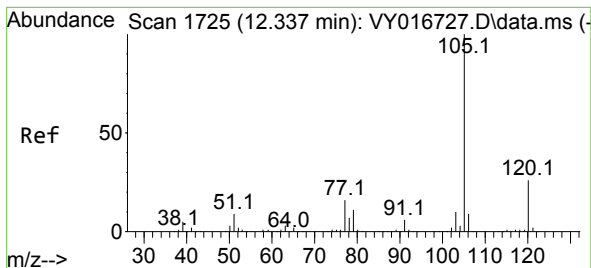
Ion Ratio Lower Upper

152 100

115 59.0 30.0 90.0

150 174.7 0.0 344.6





#73

Isopropylbenzene

Concen: 53.961 ug/l

RT: 12.337 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

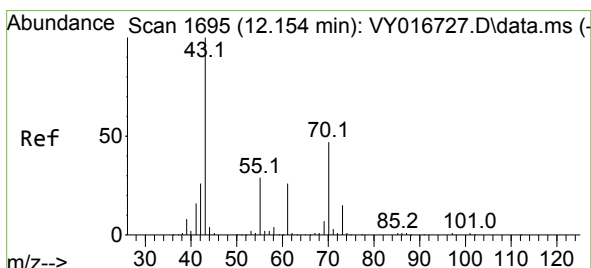
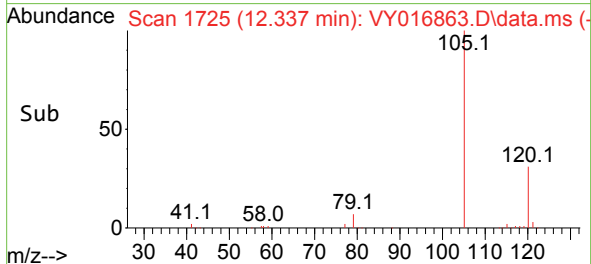
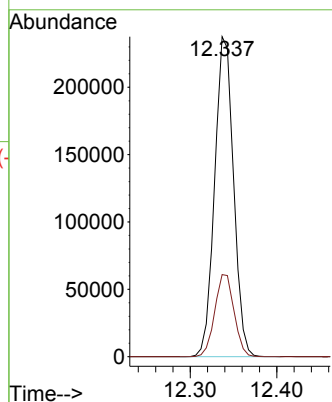
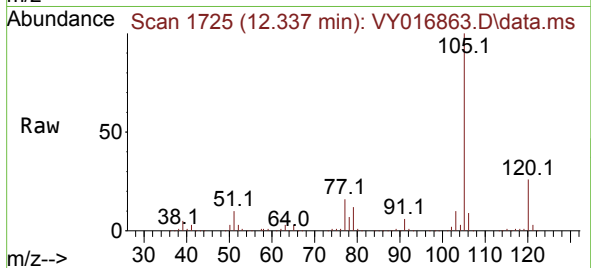
ClientSampleId :

Tgt Ion:105 Resp: 359830

Ion Ratio Lower Upper

105 100

120 26.2 13.0 39.0



#74

N-ethyl acetate

Concen: 60.243 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Tgt Ion: 43 Resp: 84307

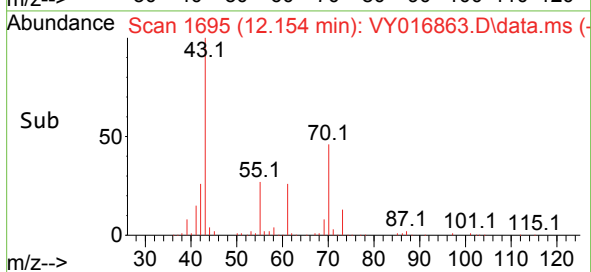
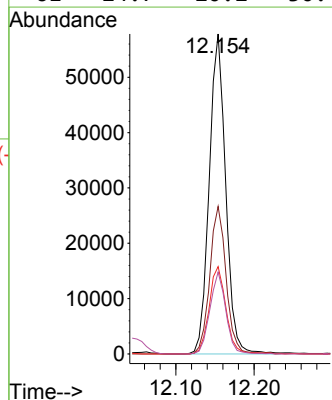
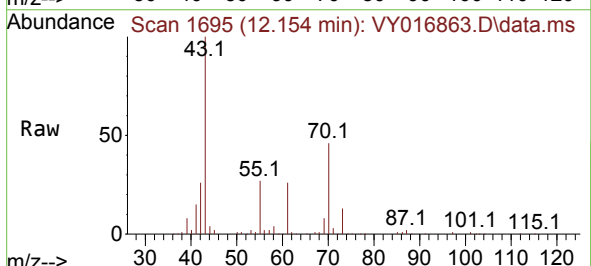
Ion Ratio Lower Upper

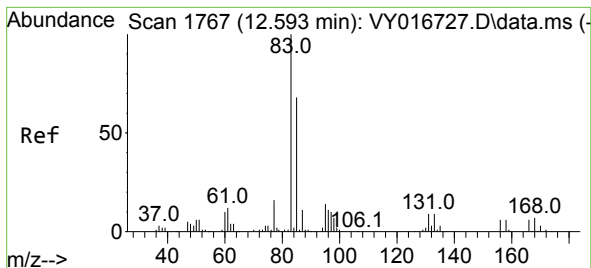
43 100

70 45.8 36.6 55.0

55 28.1 22.2 33.4

61 24.7 20.2 30.4

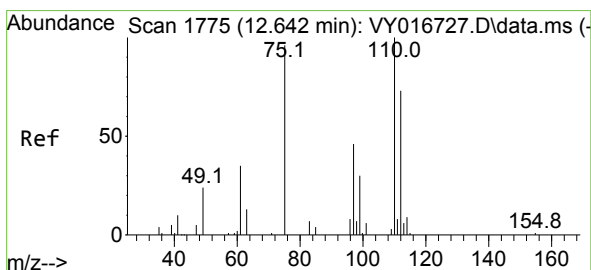
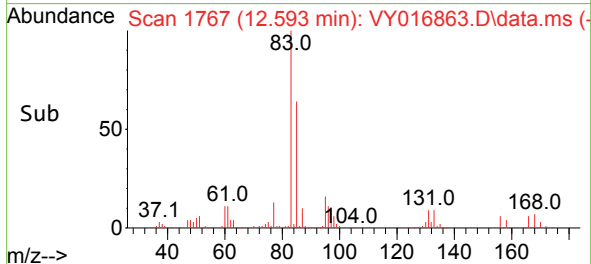
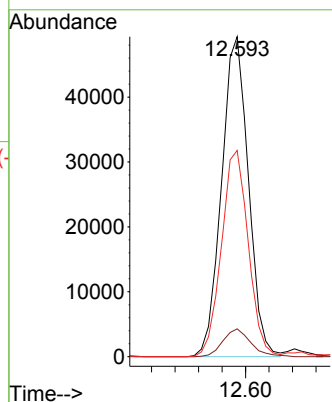
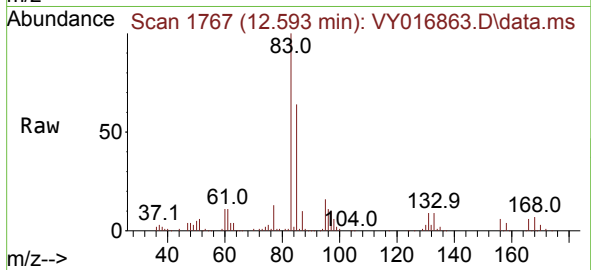




#75
 1,1,2,2-Tetrachloroethane
 Concen: 58.730 ug/l
 RT: 12.593 min Scan# 1767
 Delta R.T. 0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

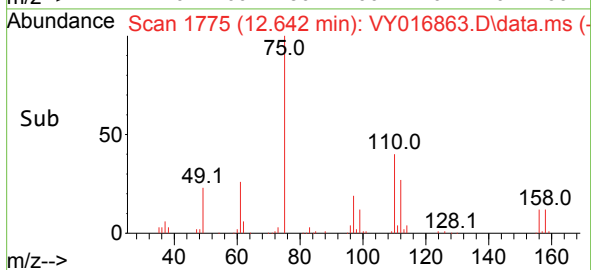
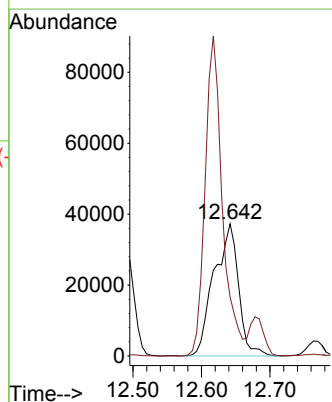
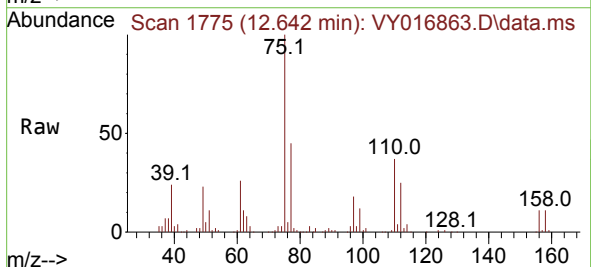
Instrument :
 MSVOA_Y
 ClientSampleId :

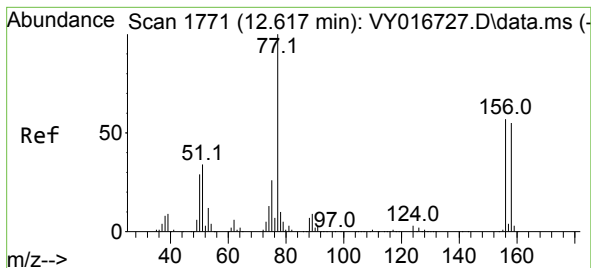
Tgt Ion: 83 Resp: 78261
 Ion Ratio Lower Upper
 83 100
 131 9.0 4.9 14.6
 85 64.4 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 97.706 ug/l
 RT: 12.642 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

Tgt Ion: 75 Resp: 92479
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 55.108 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

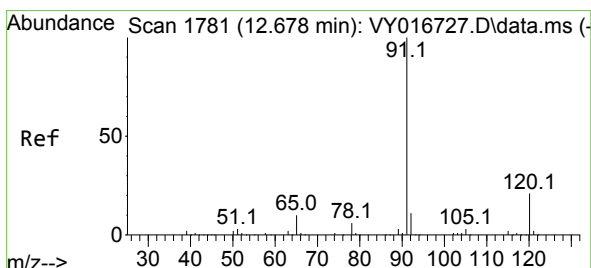
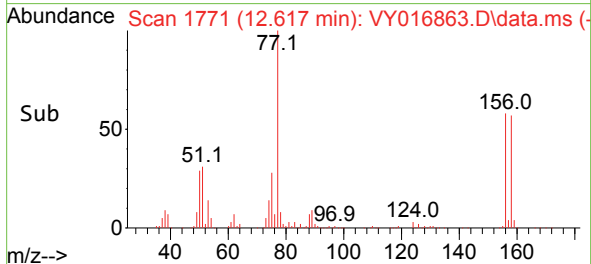
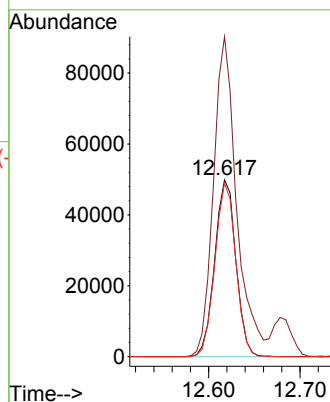
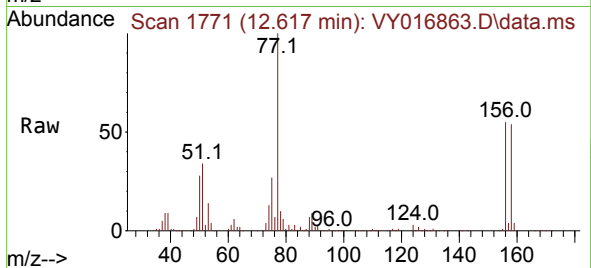
Tgt Ion:156 Resp: 80168

Ion Ratio Lower Upper

156 100

77 197.3 97.3 291.8

158 96.7 48.4 145.0



#78

n-propylbenzene

Concen: 54.072 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY016863.D

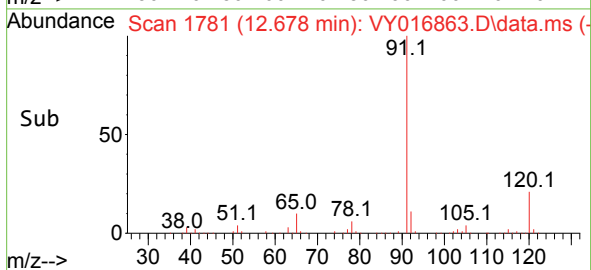
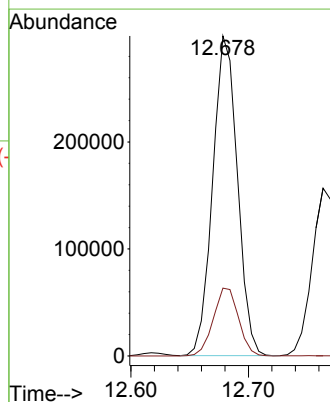
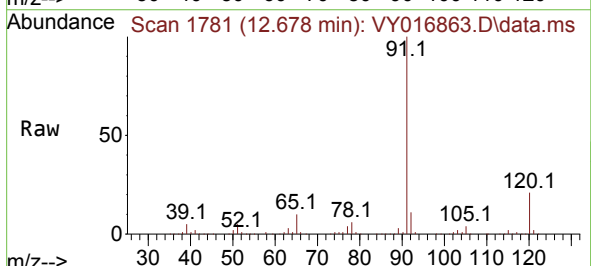
Acq: 26 Dec 2023 19:12

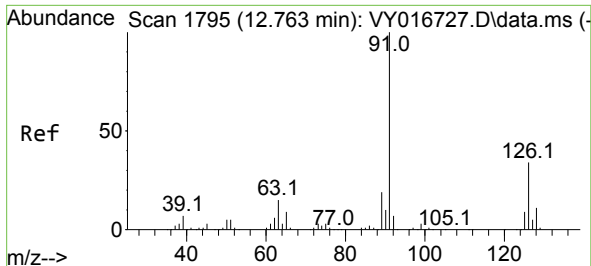
Tgt Ion: 91 Resp: 436866

Ion Ratio Lower Upper

91 100

120 21.7 11.0 33.0

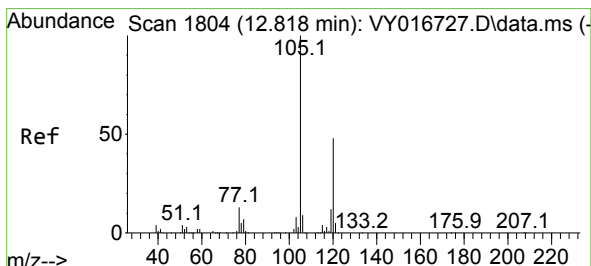
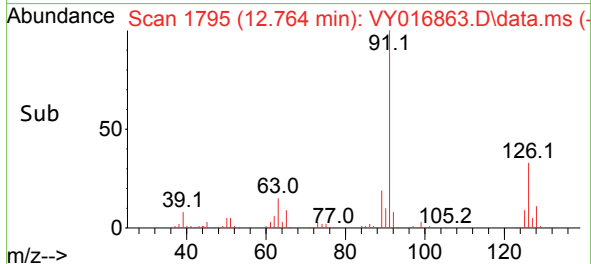
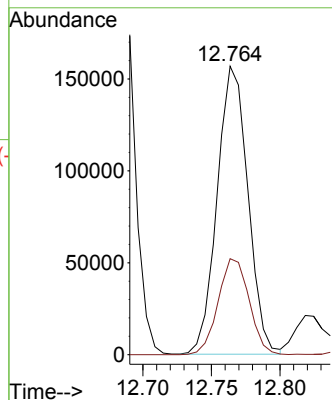
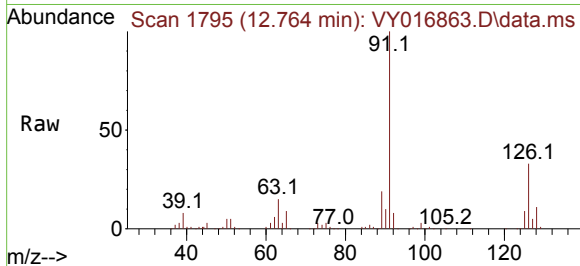




#79
2-Chlorotoluene
Concen: 54.880 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

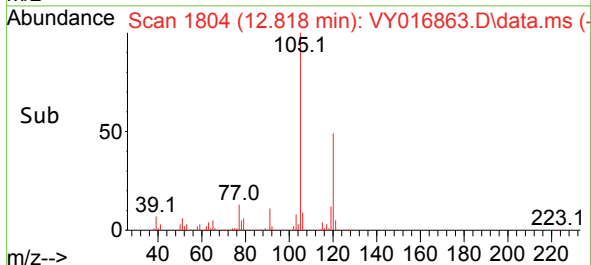
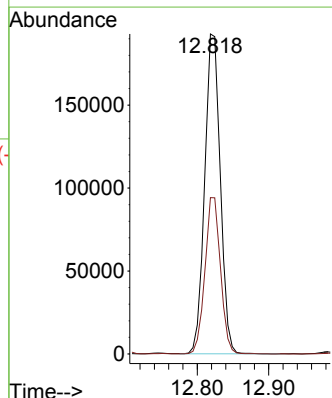
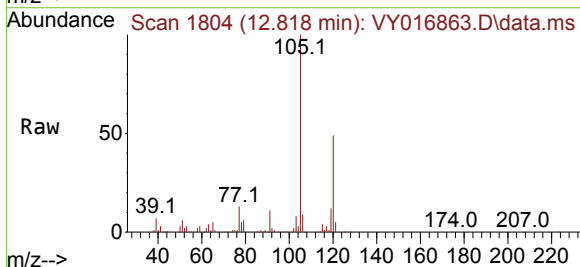
Instrument :
MSVOA_Y
ClientSampleId :

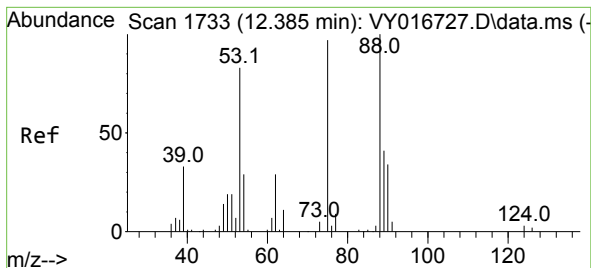
Tgt Ion: 91 Resp: 245349
Ion Ratio Lower Upper
91 100
126 33.6 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 55.446 ug/l
RT: 12.818 min Scan# 1804
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion:105 Resp: 292674
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

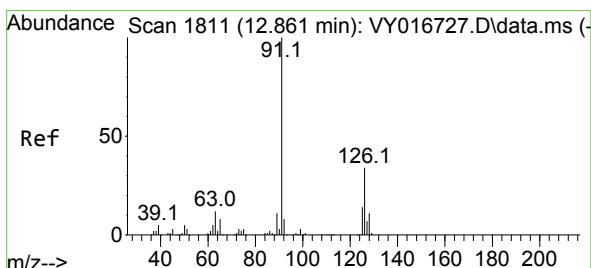
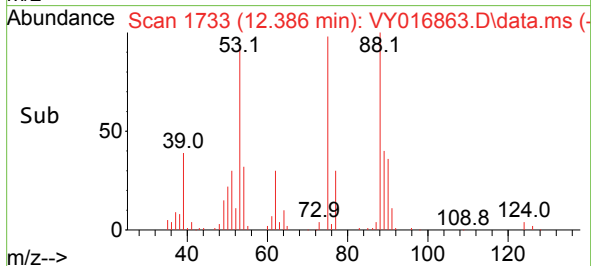
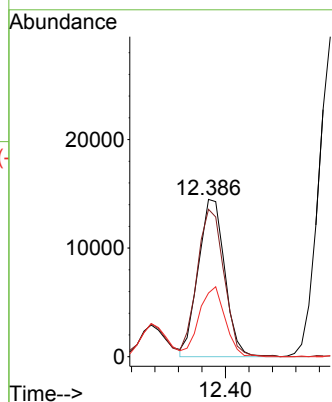
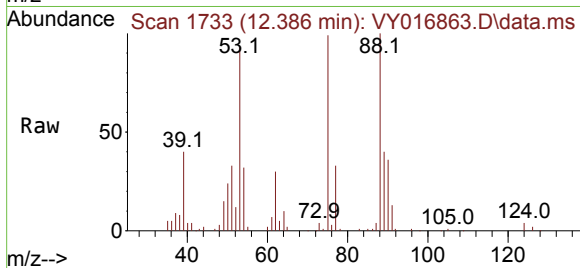




#81
trans-1,4-Dichloro-2-butene
Concen: 56.451 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

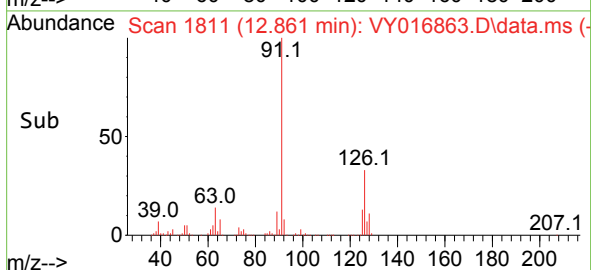
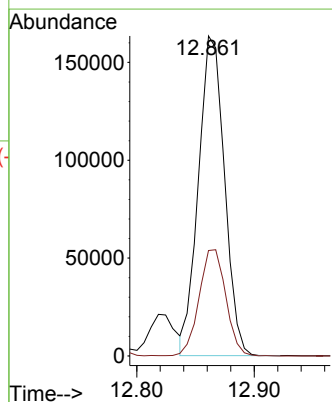
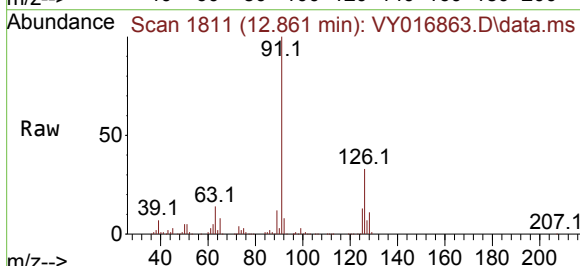
Instrument :
MSVOA_Y
ClientSampleId :

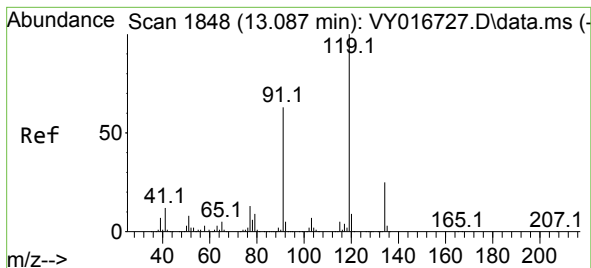
Tgt Ion: 75 Resp: 22752
Ion Ratio Lower Upper
75 100
53 95.7 74.0 111.0
89 43.6 36.5 54.7



#82
4-Chlorotoluene
Concen: 54.911 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VY016863.D
Acq: 26 Dec 2023 19:12

Tgt Ion: 91 Resp: 251844
Ion Ratio Lower Upper
91 100
126 34.2 17.1 51.2





#83

tert-Butylbenzene

Concen: 55.401 ug/l

RT: 13.081 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

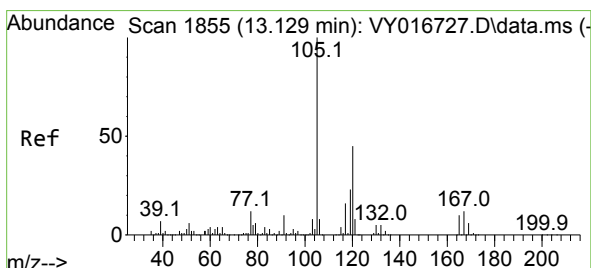
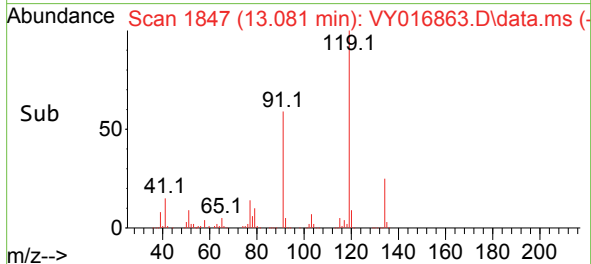
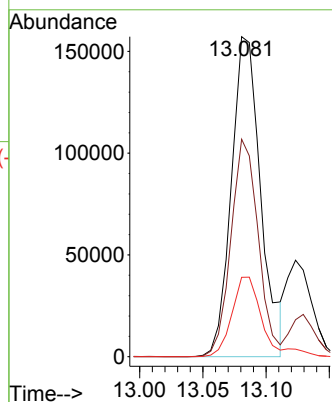
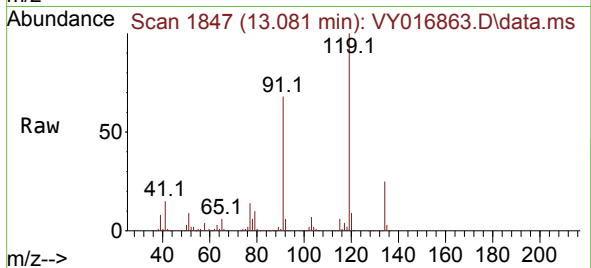
Tgt Ion:119 Resp: 254371

Ion Ratio Lower Upper

119 100

91 63.2 31.5 94.5

134 25.9 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 55.888 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016863.D

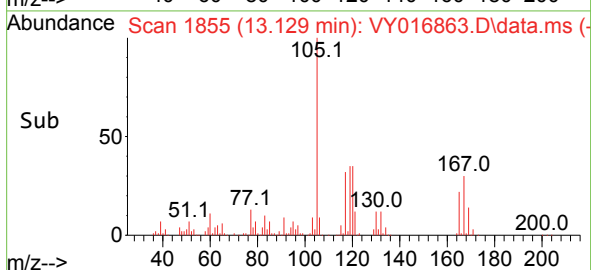
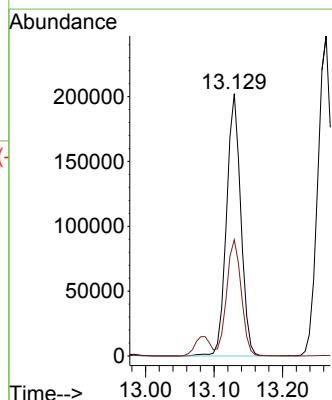
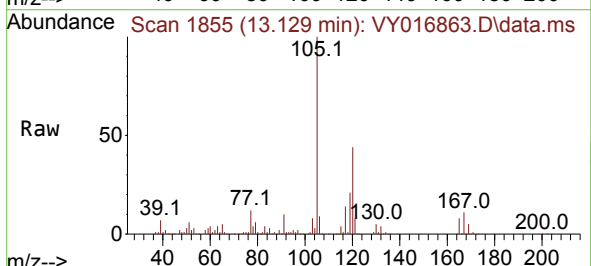
Acq: 26 Dec 2023 19:12

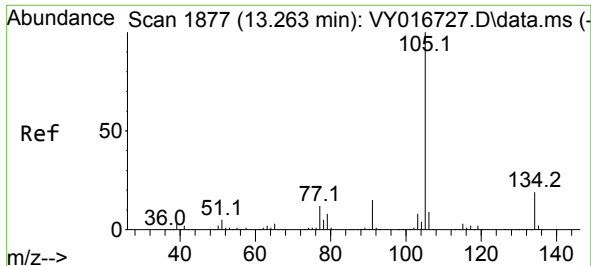
Tgt Ion:105 Resp: 290897

Ion Ratio Lower Upper

105 100

120 45.7 22.1 66.3

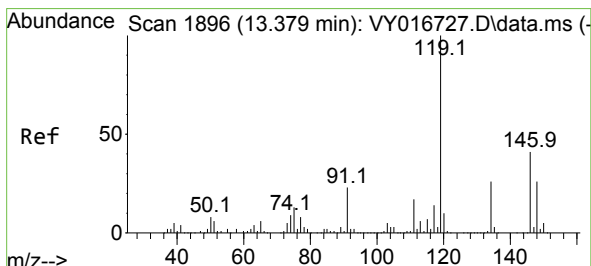
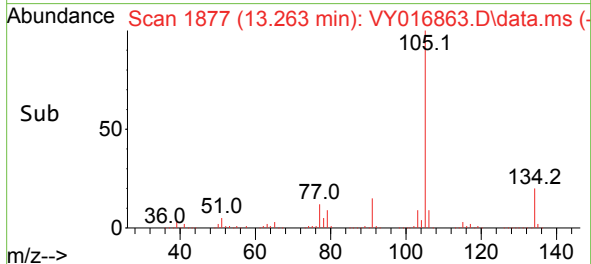
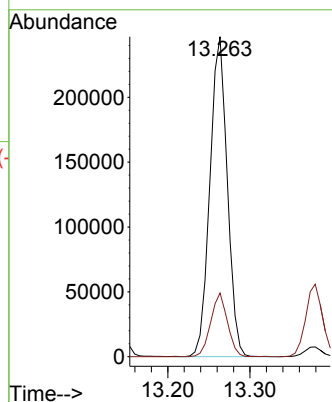
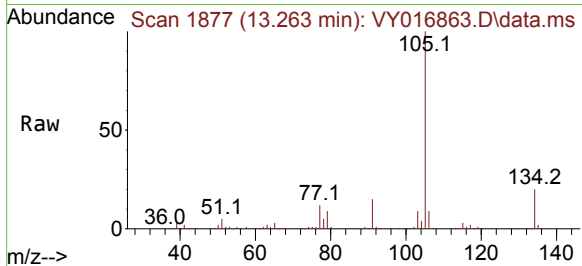




#85
 sec-Butylbenzene
 Concen: 53.273 ug/l
 RT: 13.263 min Scan# 1877
 Delta R.T. 0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

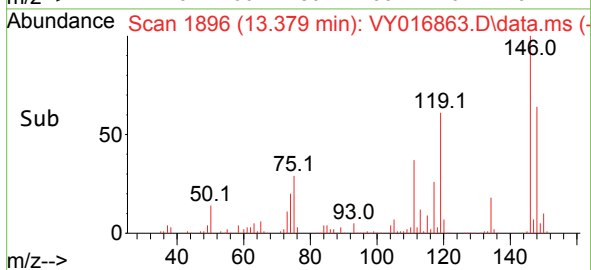
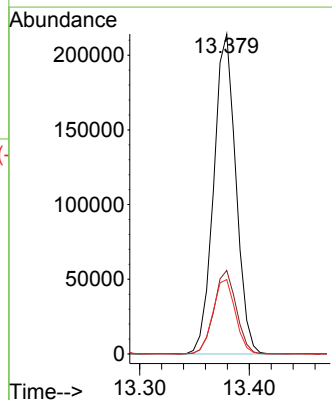
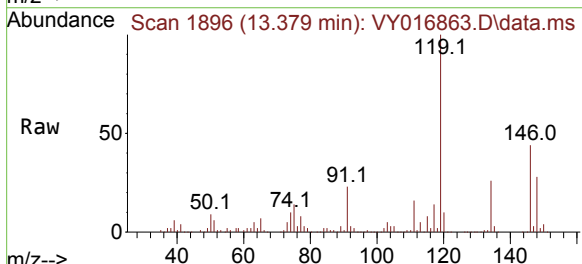
Instrument :
 MSVOA_Y
 ClientSampleId :

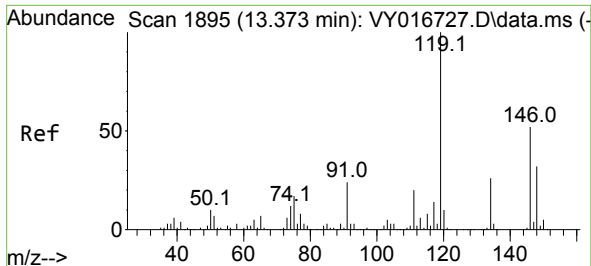
Tgt Ion:105 Resp: 362298
 Ion Ratio Lower Upper
 105 100
 134 19.2 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.185 ug/l
 RT: 13.379 min Scan# 1896
 Delta R.T. 0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

Tgt Ion:119 Resp: 301218
 Ion Ratio Lower Upper
 119 100
 134 26.3 13.1 39.1
 91 23.5 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 55.028 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

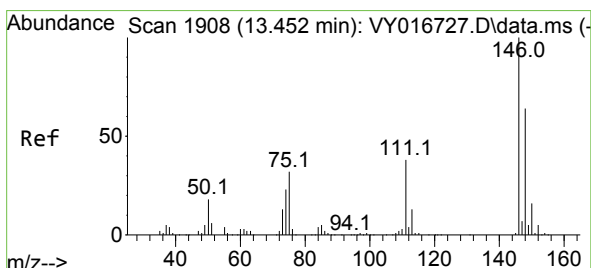
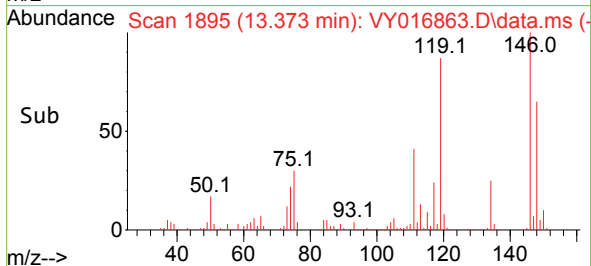
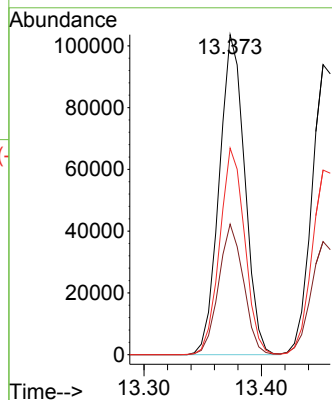
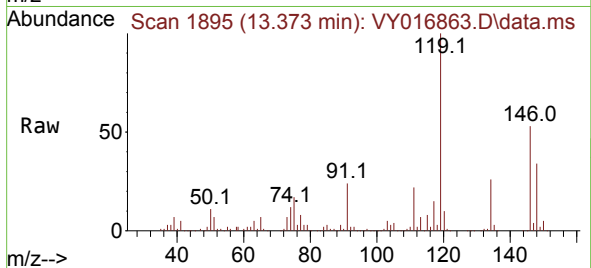
Tgt Ion:146 Resp: 156443

Ion Ratio Lower Upper

146 100

111 39.6 20.2 60.5

148 63.3 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 54.731 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

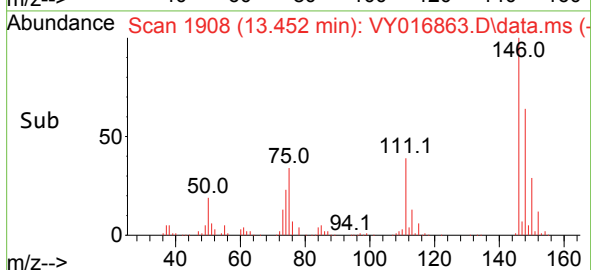
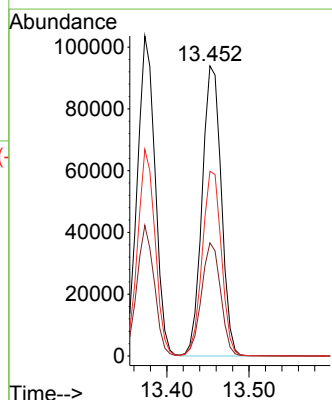
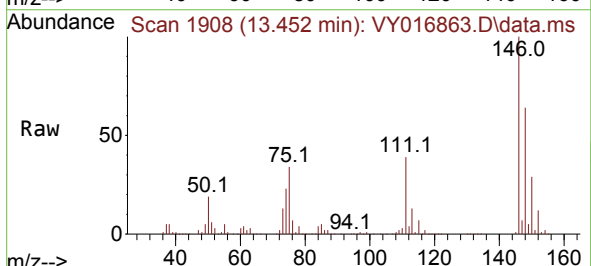
Tgt Ion:146 Resp: 151936

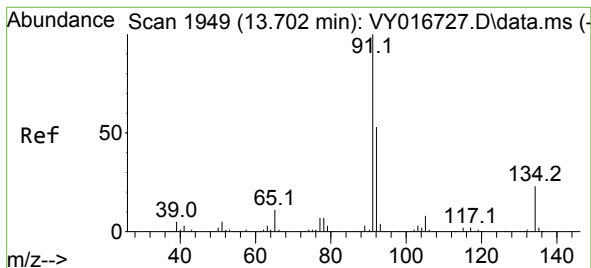
Ion Ratio Lower Upper

146 100

111 39.0 19.3 57.9

148 63.7 31.6 94.7





#89

n-Butylbenzene

Concen: 53.763 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

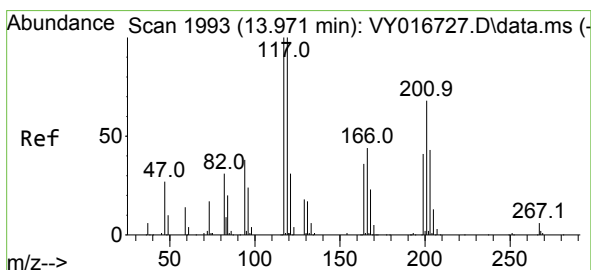
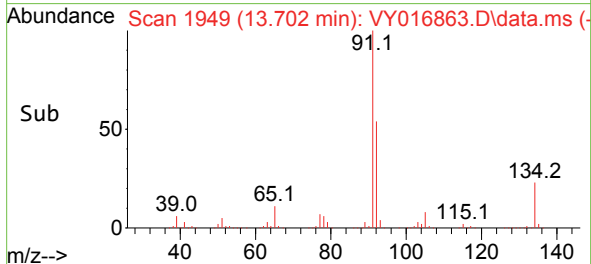
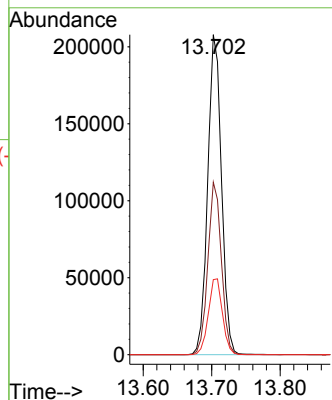
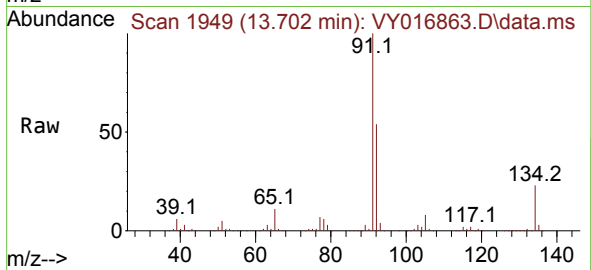
Tgt Ion: 91 Resp: 291075

Ion Ratio Lower Upper

91 100

92 52.8 26.4 79.2

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 53.089 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. 0.000 min

Lab File: VY016863.D

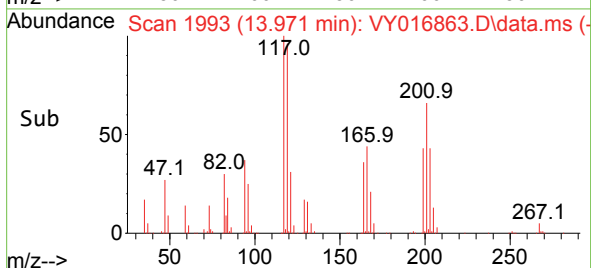
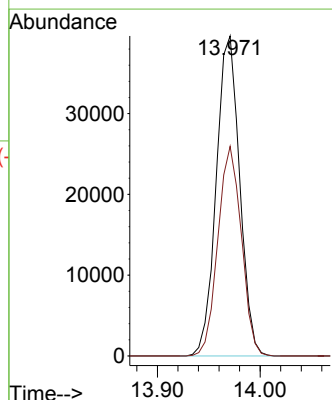
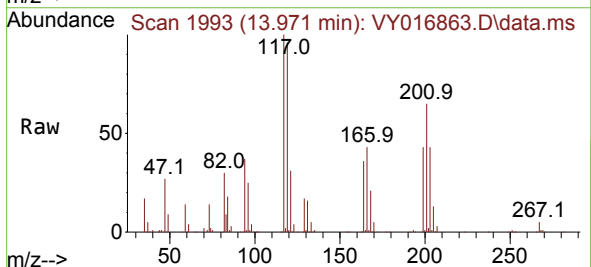
Acq: 26 Dec 2023 19:12

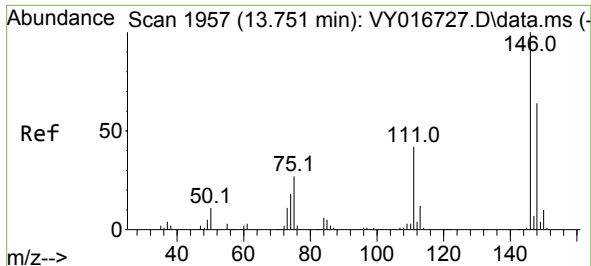
Tgt Ion: 117 Resp: 62609

Ion Ratio Lower Upper

117 100

201 65.7 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 56.954 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

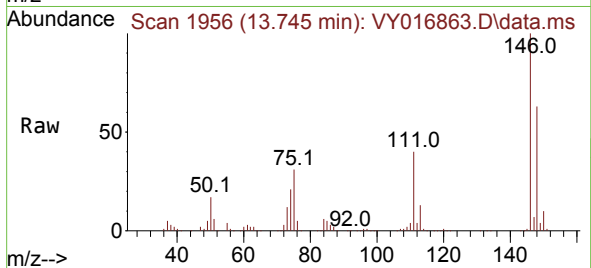
Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :



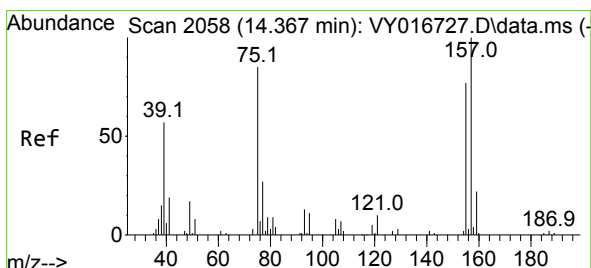
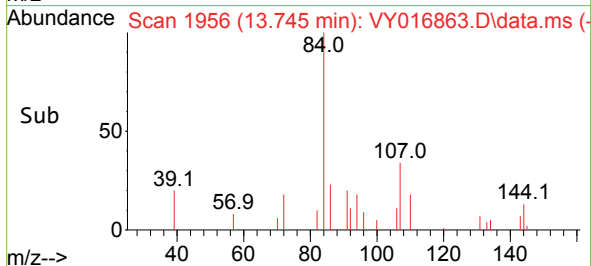
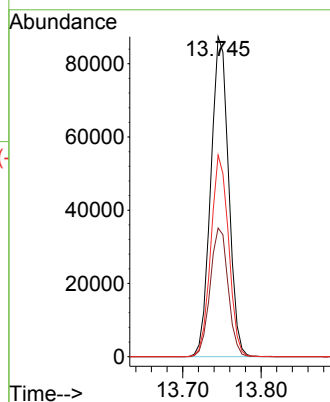
Tgt Ion:146 Resp: 137941

Ion Ratio Lower Upper

146 100

111 40.5 20.5 61.6

148 62.8 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.819 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

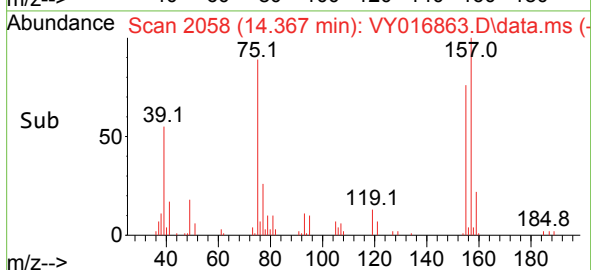
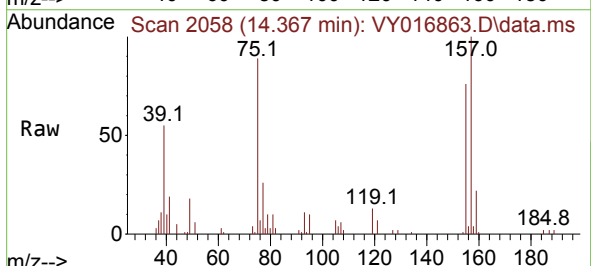
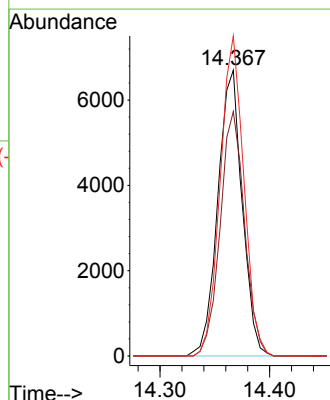
Tgt Ion: 75 Resp: 10333

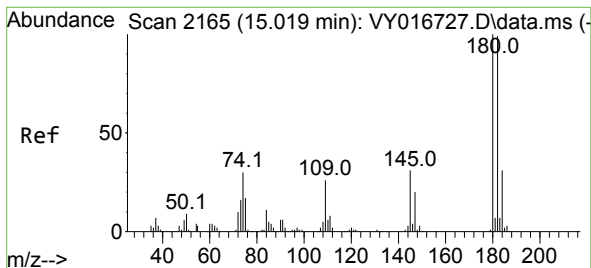
Ion Ratio Lower Upper

75 100

155 85.5 42.1 126.3

157 108.5 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 52.019 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

Instrument :

MSVOA_Y

ClientSampleId :

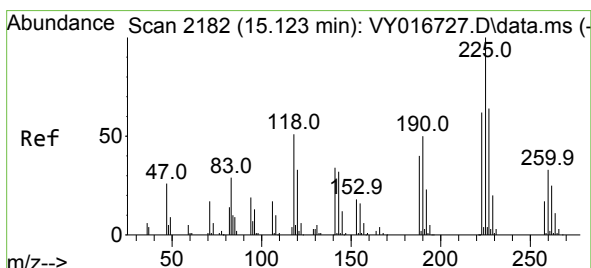
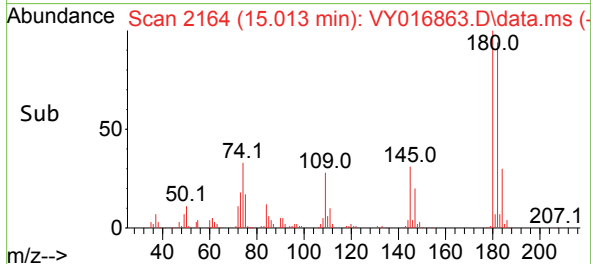
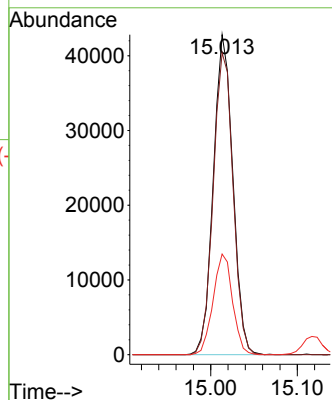
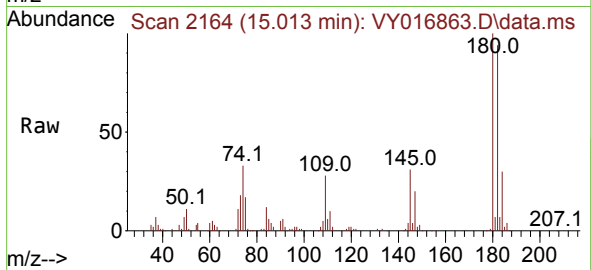
Tgt Ion:180 Resp: 66851

Ion Ratio Lower Upper

180 100

182 96.1 47.9 143.7

145 31.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 49.296 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY016863.D

Acq: 26 Dec 2023 19:12

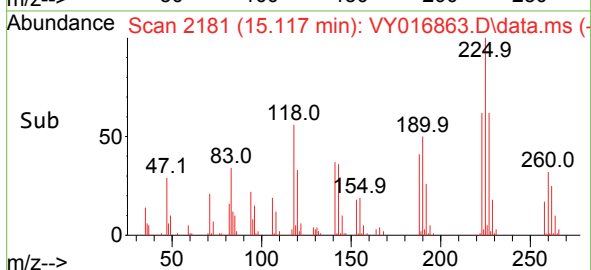
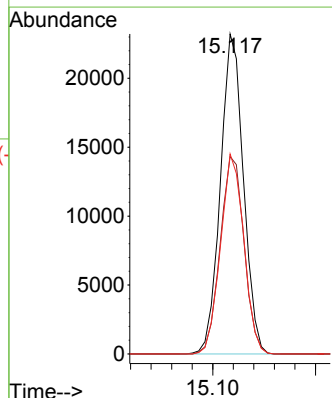
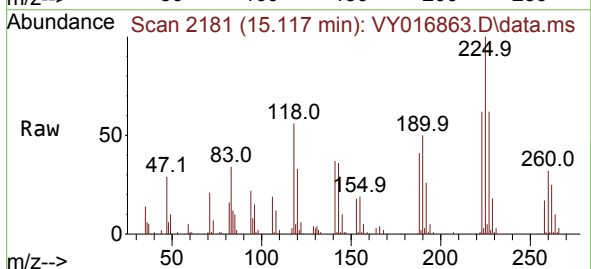
Tgt Ion:225 Resp: 35983

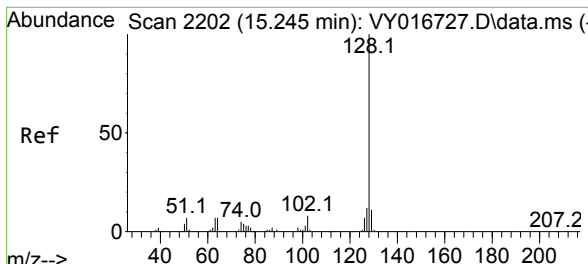
Ion Ratio Lower Upper

225 100

223 64.2 31.4 94.3

227 63.2 32.3 96.8

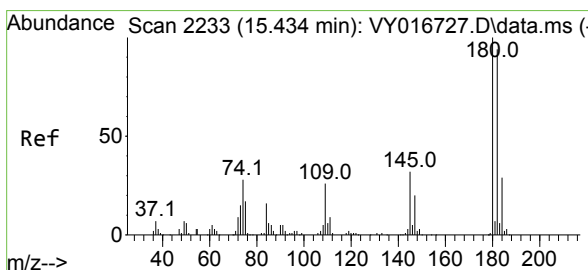
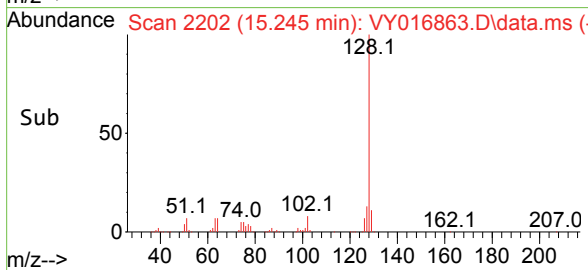
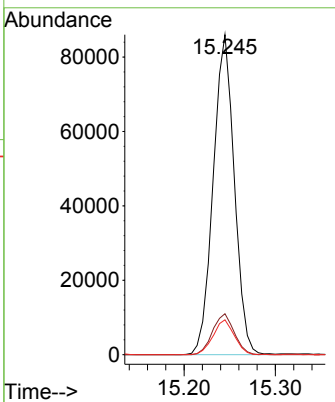
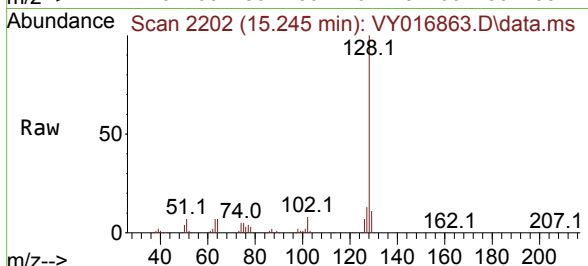




#95
 Naphthalene
 Concen: 49.976 ug/l
 RT: 15.245 min Scan# 2202
 Delta R.T. -0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion:	128	Resp:	138254
Ion Ratio	Lower	Upper	
128	100		
127	13.1	10.2	15.4
129	11.0	8.6	12.8



#96
 1,2,3-Trichlorobenzene
 Concen: 54.114 ug/l
 RT: 15.434 min Scan# 2233
 Delta R.T. 0.000 min
 Lab File: VY016863.D
 Acq: 26 Dec 2023 19:12

Tgt Ion:	180	Resp:	59229
Ion Ratio	Lower	Upper	
180	100		
182	93.9	46.3	138.8
145	32.2	16.1	48.2

