

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
 Data File : VY016831.D
 Acq On : 23 Dec 2023 00:55
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 23 01:13:39 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	7.826	168	139340	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	245820	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.514	117	214570	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.446	152	93010	50.000	ug/l	0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	60007	47.174	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	94.340%
35) Dibromofluoromethane	7.752	113	62215	44.183	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.360%
50) Toluene-d8	10.209	98	227205	44.760	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.520%
62) 4-Bromofluorobenzene	12.502	95	72955	44.300	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.600%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.918	85	50764	42.631	ug/l	100
3) Chloromethane	2.131	50	90805	49.610	ug/l	99
4) Vinyl Chloride	2.272	62	104731	50.657	ug/l	99
5) Bromomethane	2.680	94	77175	52.410	ug/l	93
6) Chloroethane	2.820	64	73444	52.425	ug/l	99
7) Trichlorofluoromethane	3.156	101	114068	47.362	ug/l	100
8) Diethyl Ether	3.558	74	41096	53.340	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.930	101	70723	47.869	ug/l	99
10) Methyl Iodide	4.131	142	77830	50.554	ug/l	99
11) Tert butyl alcohol	4.985	59	26765	256.628	ug/l	99
12) 1,1-Dichloroethene	3.906	96	68600	52.150	ug/l	98
13) Acrolein	3.759	56	19030	236.486	ug/l	99
14) Allyl chloride	4.521	41	113731	56.447	ug/l	99
15) Acrylonitrile	5.210	53	95376	292.317	ug/l	100
16) Acetone	3.979	43	80153	233.023	ug/l	96
17) Carbon Disulfide	4.235	76	190022	53.090	ug/l	100
18) Methyl Acetate	4.515	43	90493	67.319	ug/l	99
19) Methyl tert-butyl Ether	5.265	73	184399	54.480	ug/l	99
20) Methylene Chloride	4.759	84	87858	50.962	ug/l	98
21) trans-1,2-Dichloroethene	5.265	96	82418	54.936	ug/l	99
22) Diisopropyl ether	6.161	45	260560	57.162	ug/l	97
23) Vinyl Acetate	6.100	43	584837	271.277	ug/l	100
24) 1,1-Dichloroethane	6.064	63	153353	56.005	ug/l	99
25) 2-Butanone	7.027	43	120654	254.768	ug/l	99
26) 2,2-Dichloropropane	7.021	77	121947	51.034	ug/l	100
27) cis-1,2-Dichloroethene	7.027	96	95453	55.282	ug/l	99
28) Bromochloromethane	7.374	49	58979	54.420	ug/l	100
29) Tetrahydrofuran	7.387	42	77715	300.111	ug/l	97
30) Chloroform	7.539	83	156257	55.744	ug/l	99
31) Cyclohexane	7.819	56	115041	47.203	ug/l	97
32) 1,1,1-Trichloroethane	7.740	97	128862	52.371	ug/l	99
36) 1,1-Dichloropropene	7.947	75	113099	50.101	ug/l	99
37) Ethyl Acetate	7.112	43	53540	55.333	ug/l	99
38) Carbon Tetrachloride	7.935	117	108489	48.566	ug/l	99
39) Methylcyclohexane	9.216	83	127024	48.736	ug/l	98
40) Benzene	8.191	78	350146	53.301	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	23874	46.472	ug/l #	75
42) 1,2-Dichloroethane	8.271	62	92531	53.990	ug/l	99
43) Isopropyl Acetate	8.301	43	99961	53.191	ug/l	99
44) Trichloroethene	8.972	130	86913	51.836	ug/l	99
45) 1,2-Dichloropropane	9.246	63	87192	52.912	ug/l	98
46) Dibromomethane	9.331	93	45691	53.673	ug/l	98
47) Bromodichloromethane	9.526	83	118438	52.786	ug/l	98
48) Methyl methacrylate	9.319	41	57162	54.730	ug/l	97
49) 1,4-Dioxane	9.325	88	8853	1071.461	ug/l	99
51) 4-Methyl-2-Pentanone	10.093	43	280580	280.217	ug/l	99
52) Toluene	10.270	92	212260	53.918	ug/l	98
53) t-1,3-Dichloropropene	10.490	75	110261	53.893	ug/l	99
54) cis-1,3-Dichloropropene	9.953	75	132401	53.651	ug/l	96
55) 1,1,2-Trichloroethane	10.673	97	64257	52.905	ug/l	99
56) Ethyl methacrylate	10.532	69	60142	56.311	ug/l	99
57) 1,3-Dichloropropane	10.813	76	111005	53.807	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.807	63	179809	312.955	ug/l	98
59) 2-Hexanone	10.855	43	189428	253.713	ug/l	100
60) Dibromochloromethane	11.008	129	75806	53.953	ug/l	97
61) 1,2-Dibromoethane	11.112	107	59075	54.235	ug/l	99
64) Tetrachloroethene	10.746	164	68742	51.573	ug/l	98
65) Chlorobenzene	11.538	112	217463	51.584	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.611	131	81245	51.221	ug/l	99
67) Ethyl Benzene	11.618	91	407067	52.461	ug/l	100
68) m/p-Xylenes	11.727	106	305749	106.707	ug/l	99
69) o-Xylene	12.050	106	140050	53.278	ug/l	98
70) Styrene	12.069	104	210050	54.001	ug/l	99
71) Bromoform	12.233	173	41298	52.225	ug/l #	98
73) Isopropylbenzene	12.349	105	382325	52.780	ug/l	99
74) N-amyl acetate	12.166	43	77172	50.764	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.605	83	75227	51.969	ug/l	99
76) 1,2,3-Trichloropropane	12.654	75	89936	87.471	ug/l #	100
77) Bromobenzene	12.630	156	81181	51.371	ug/l	98
78) n-propylbenzene	12.691	91	461016	52.529	ug/l	100
79) 2-Chlorotoluene	12.776	91	252872	52.070	ug/l	100
80) 1,3,5-Trimethylbenzene	12.831	105	306009	53.367	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.398	75	21771	49.727	ug/l	99
82) 4-Chlorotoluene	12.873	91	260082	52.203	ug/l	100
83) tert-Butylbenzene	13.093	119	259647	52.058	ug/l	97
84) 1,2,4-Trimethylbenzene	13.142	105	306002	54.120	ug/l	98
85) sec-Butylbenzene	13.276	105	385234	52.146	ug/l	100
86) p-Isopropyltoluene	13.392	119	322598	52.435	ug/l	99
87) 1,3-Dichlorobenzene	13.386	146	158171	51.216	ug/l	100
88) 1,4-Dichlorobenzene	13.465	146	154899	51.366	ug/l	99
89) n-Butylbenzene	13.715	91	307851	52.345	ug/l	100
90) Hexachloroethane	13.983	117	66284	51.740	ug/l	100
91) 1,2-Dichlorobenzene	13.757	146	137502	52.263	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.373	75	9537	50.826	ug/l	95
93) 1,2,4-Trichlorobenzene	15.025	180	70776	50.698	ug/l	99
94) Hexachlorobutadiene	15.129	225	40117	50.594	ug/l	98
95) Naphthalene	15.257	128	141205	47.203	ug/l	99
96) 1,2,3-Trichlorobenzene	15.446	180	62004	52.150	ug/l	99

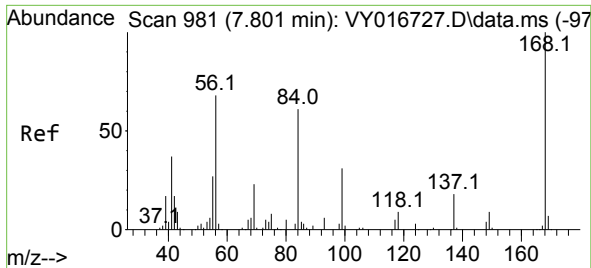
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122223\
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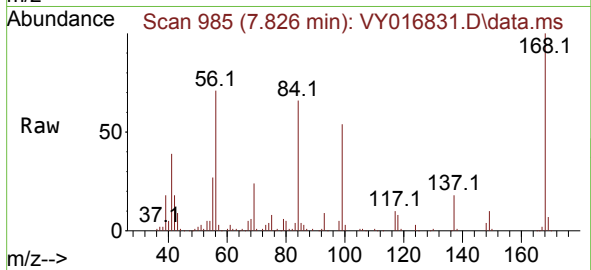
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

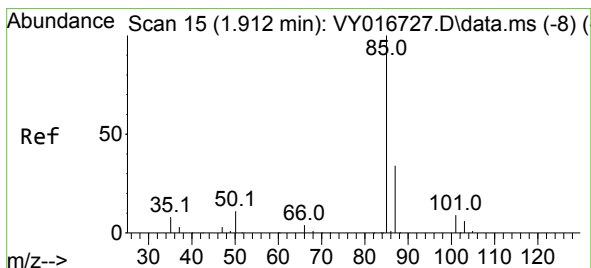
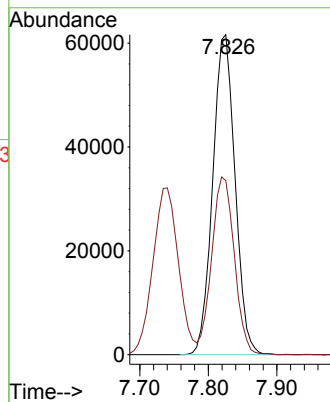
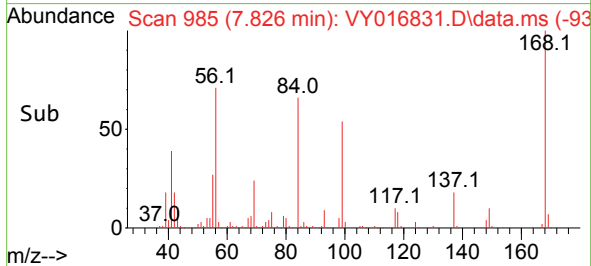


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Instrument :
MSVOA_Y
ClientSampleId :

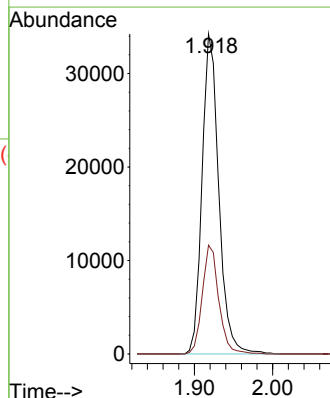
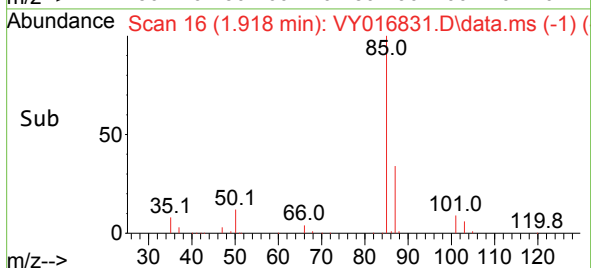
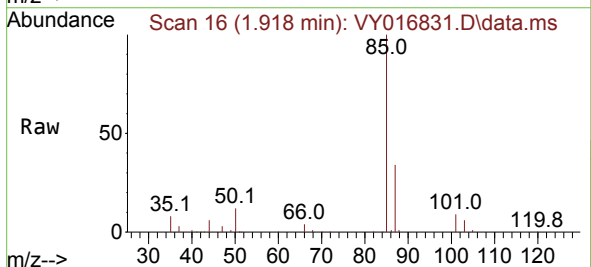


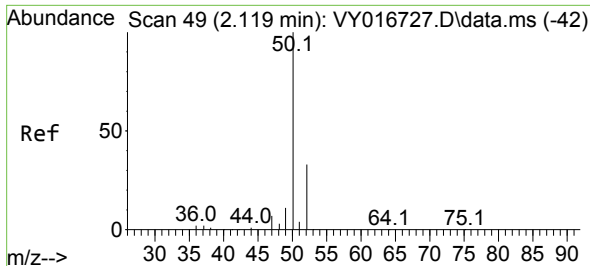
Tgt Ion:168 Resp: 139340
Ion Ratio Lower Upper
168 100
99 54.4 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 42.631 ug/l
RT: 1.918 min Scan# 16
Delta R.T. 0.006 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 85 Resp: 50764
Ion Ratio Lower Upper
85 100
87 34.0 17.1 51.3

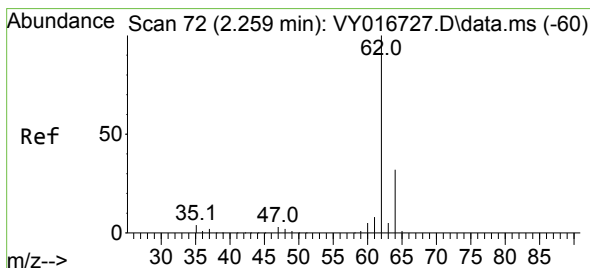
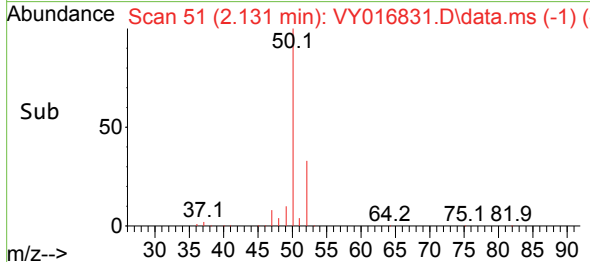
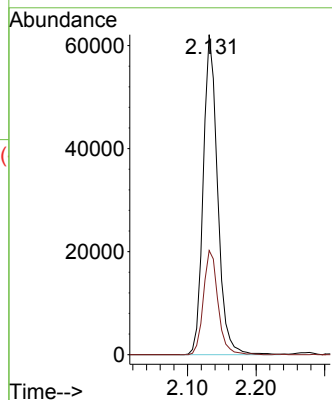
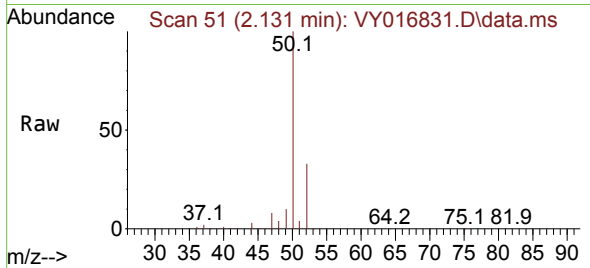




#3
Chloromethane
Concen: 49.610 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

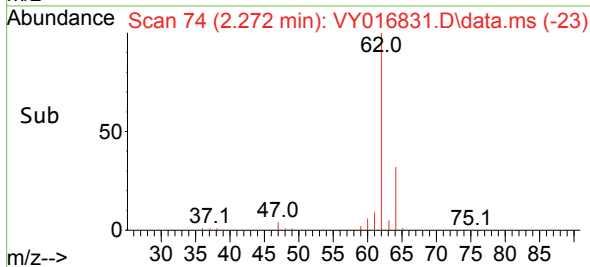
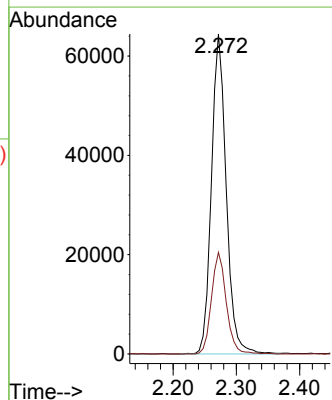
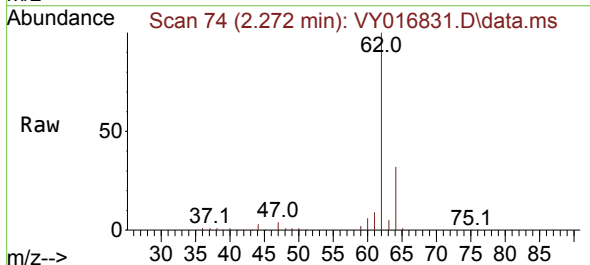
Instrument :
MSVOA_Y
ClientSampleId :

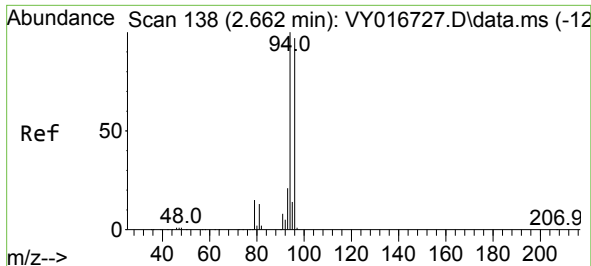
Tgt Ion: 50 Resp: 90805
Ion Ratio Lower Upper
50 100
52 32.6 26.7 40.1



#4
Vinyl Chloride
Concen: 50.657 ug/l
RT: 2.272 min Scan# 74
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 62 Resp: 104731
Ion Ratio Lower Upper
62 100
64 31.8 25.7 38.5





#5

Bromomethane

Concen: 52.410 ug/l

RT: 2.680 min Scan# 141

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

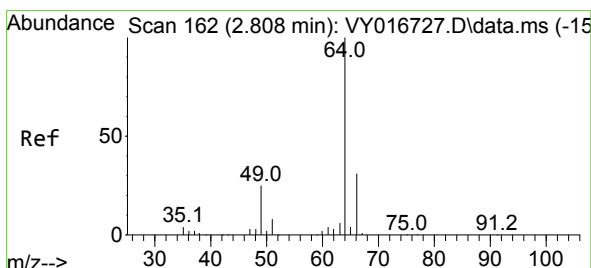
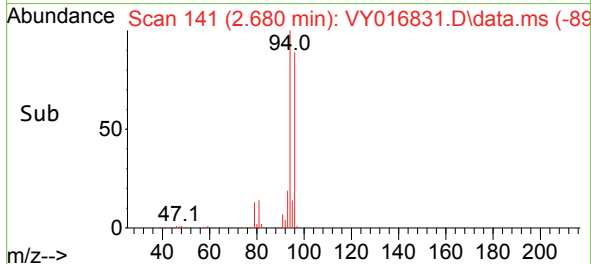
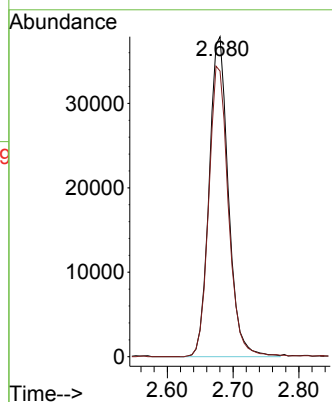
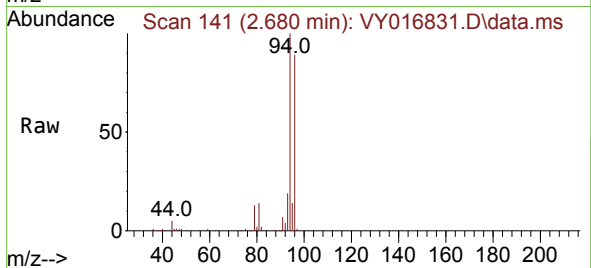
ClientSampleId :

Tgt Ion: 94 Resp: 77175

Ion Ratio Lower Upper

94 100

96 89.3 77.3 115.9



#6

Chloroethane

Concen: 52.425 ug/l

RT: 2.820 min Scan# 164

Delta R.T. 0.012 min

Lab File: VY016831.D

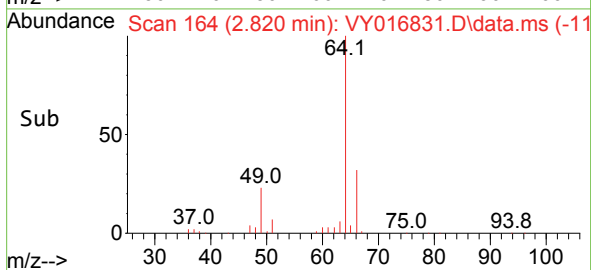
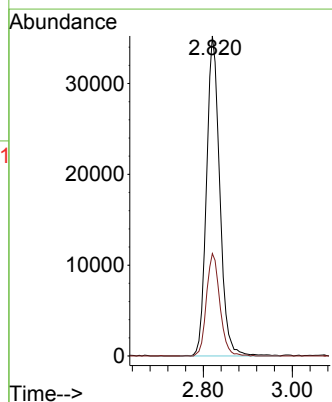
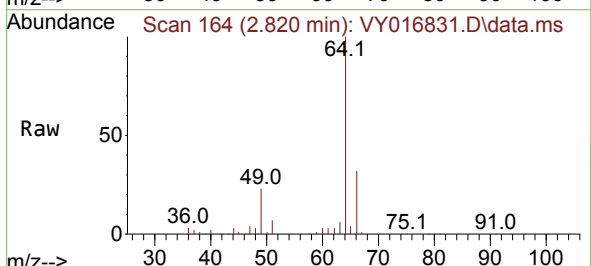
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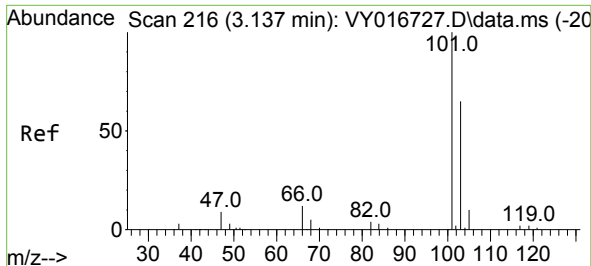
Tgt Ion: 64 Resp: 73444

Ion Ratio Lower Upper

64 100

66 32.0 25.1 37.7

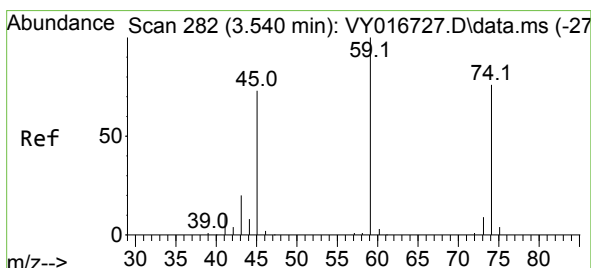
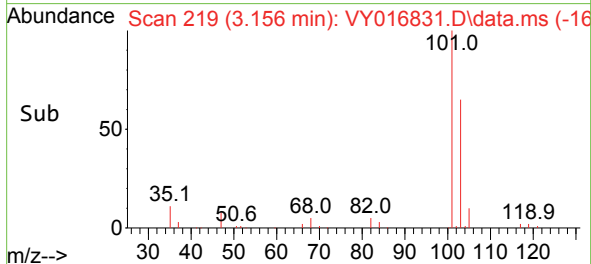
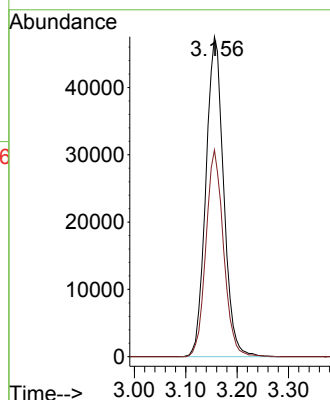
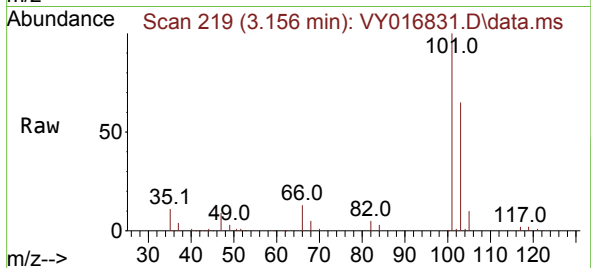




#7
 Trichlorofluoromethane
 Concen: 47.362 ug/l
 RT: 3.156 min Scan# 216
 Delta R.T. 0.018 min
 Lab File: VY016831.D
 Acq: 23 Dec 2023 00:55

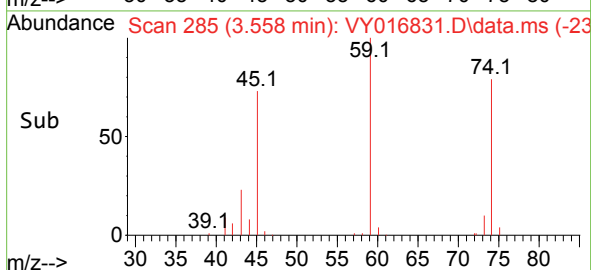
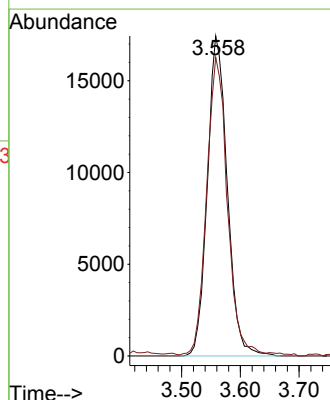
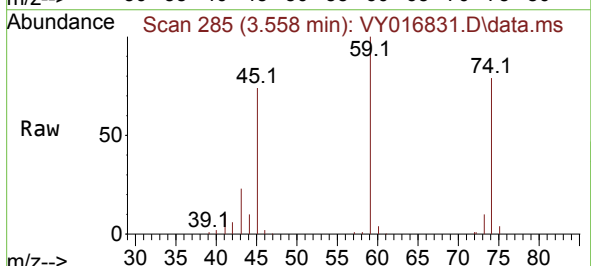
Instrument :
 MSVOA_Y
 ClientSampleId :

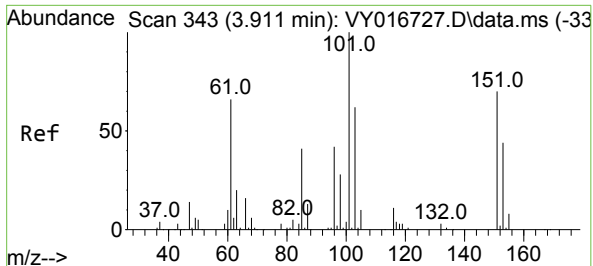
Tgt Ion:101 Resp: 114068
 Ion Ratio Lower Upper
 101 100
 103 64.6 51.9 77.9



#8
 Diethyl Ether
 Concen: 53.340 ug/l
 RT: 3.558 min Scan# 285
 Delta R.T. 0.018 min
 Lab File: VY016831.D
 Acq: 23 Dec 2023 00:55

Tgt Ion: 74 Resp: 41096
 Ion Ratio Lower Upper
 74 100
 45 98.3 47.9 143.7

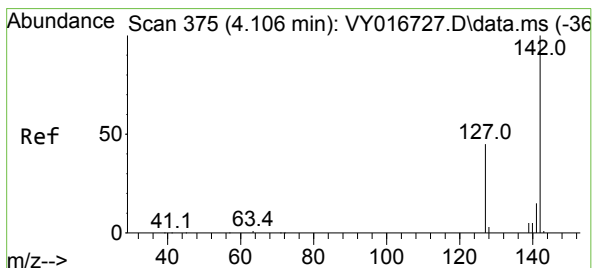
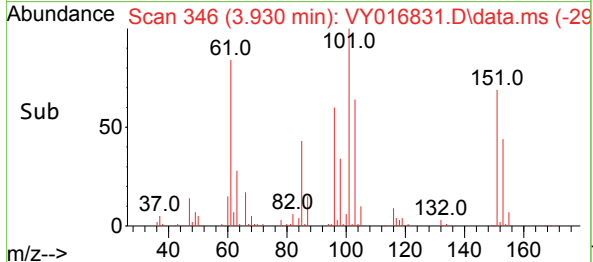
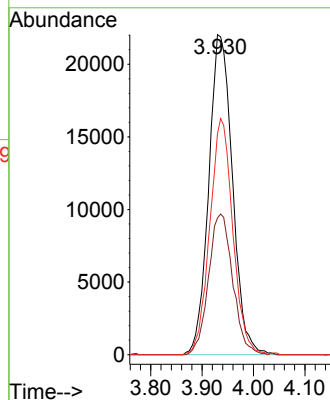
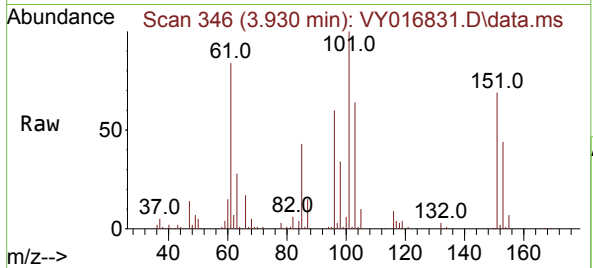




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.869 ug/l
RT: 3.930 min Scan# 343
Delta R.T. 0.018 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

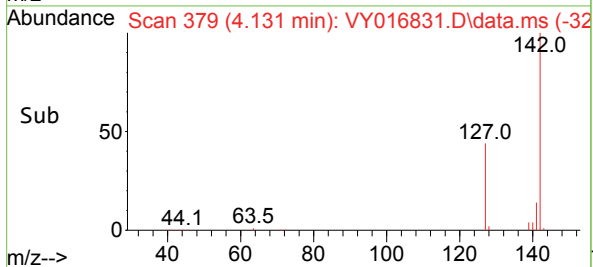
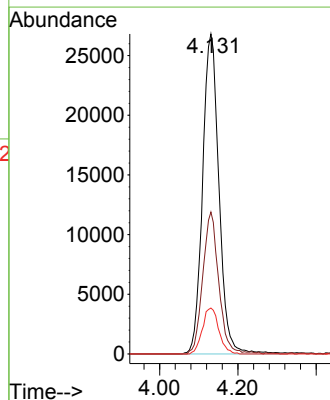
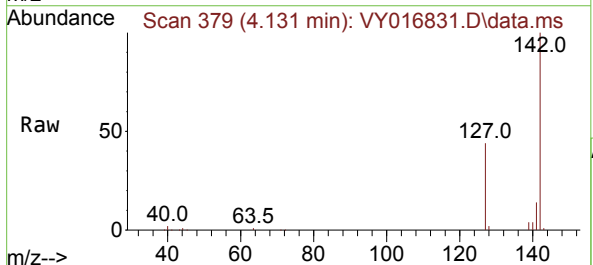
Instrument :
MSVOA_Y
ClientSampleId :

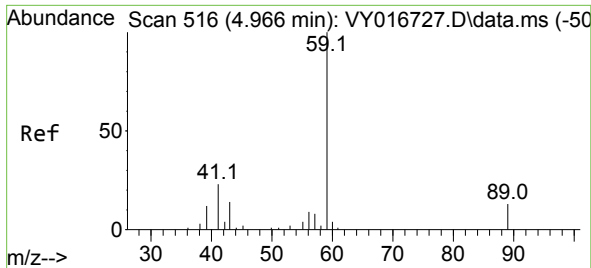
Tgt Ion:101 Resp: 70723
Ion Ratio Lower Upper
101 100
85 44.7 35.8 53.6
151 71.7 58.6 88.0



#10
Methyl Iodide
Concen: 50.554 ug/l
RT: 4.131 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion:142 Resp: 77830
Ion Ratio Lower Upper
142 100
127 43.1 35.1 52.7
141 14.4 11.8 17.6

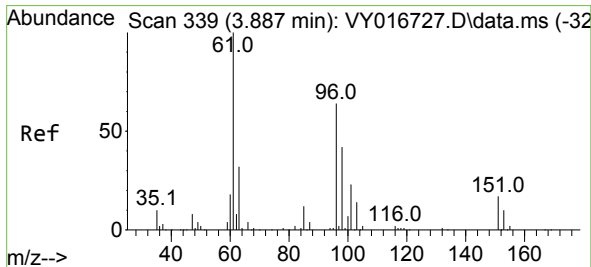
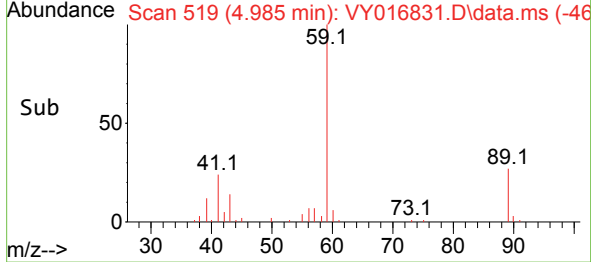
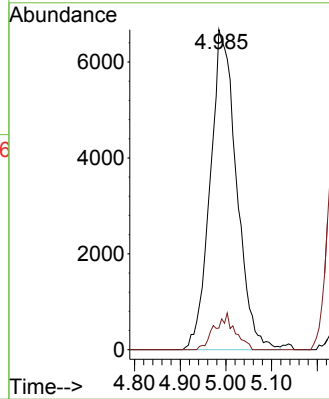
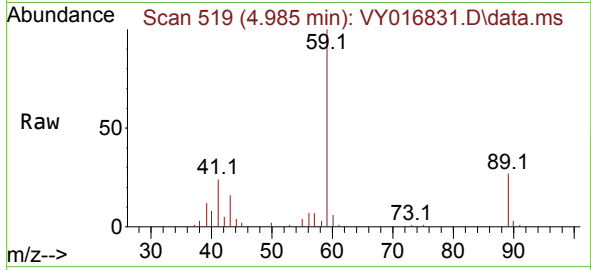




#11
Tert butyl alcohol
Concen: 256.628 ug/l
RT: 4.985 min Scan# 516
Delta R.T. 0.019 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

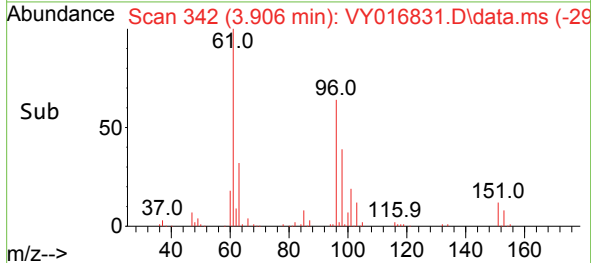
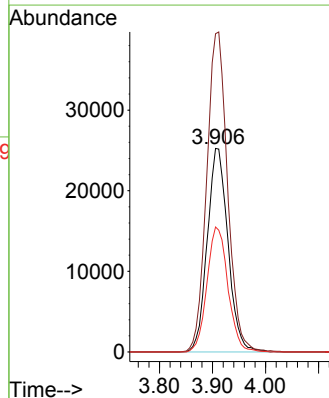
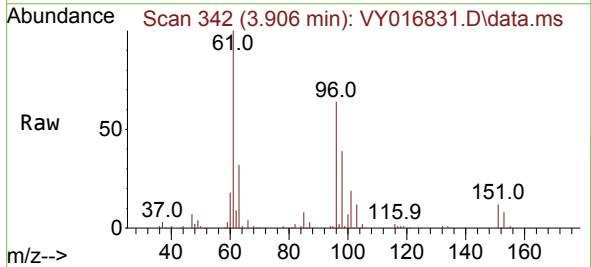
Instrument :
MSVOA_Y
ClientSampleId :

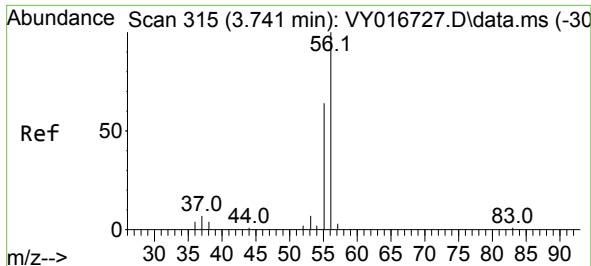
Tgt Ion: 59 Resp: 26765
Ion Ratio Lower Upper
59 100
57 8.8 7.4 11.0



#12
1,1-Dichloroethene
Concen: 52.150 ug/l
RT: 3.906 min Scan# 342
Delta R.T. 0.018 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 96 Resp: 68600
Ion Ratio Lower Upper
96 100
61 156.4 124.2 186.2
98 61.5 52.6 79.0





#13

Acrolein

Concen: 236.486 ug/l

RT: 3.759 min Scan# 315

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

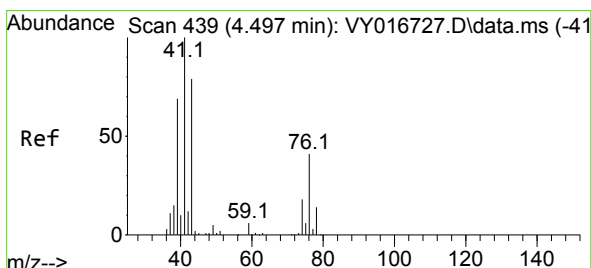
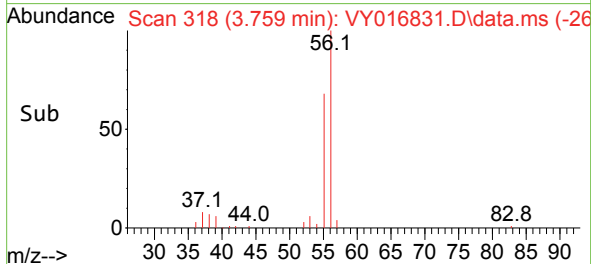
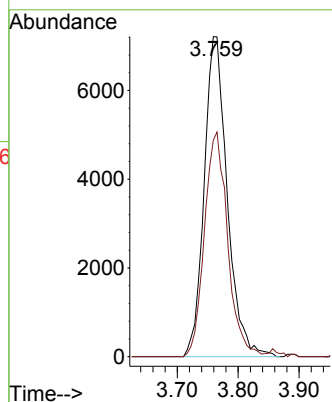
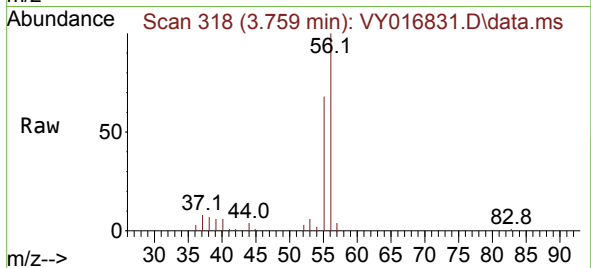
ClientSampleId :

Tgt Ion: 56 Resp: 19030

Ion Ratio Lower Upper

56 100

55 70.3 55.4 83.0



#14

Allyl chloride

Concen: 56.447 ug/l

RT: 4.521 min Scan# 443

Delta R.T. 0.025 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

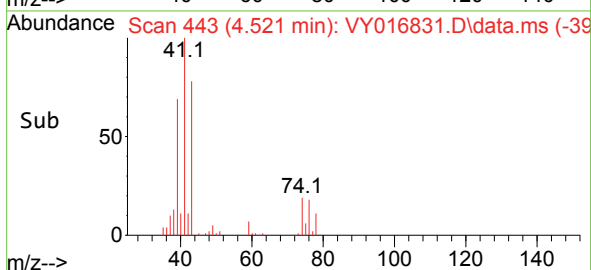
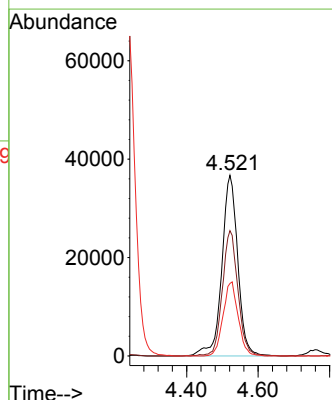
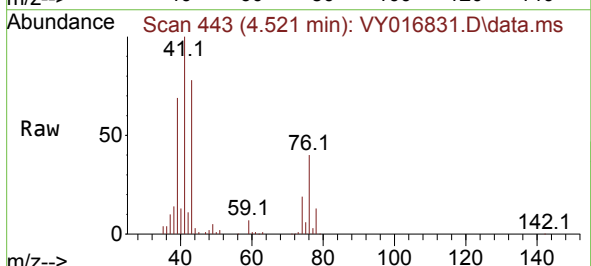
Tgt Ion: 41 Resp: 113731

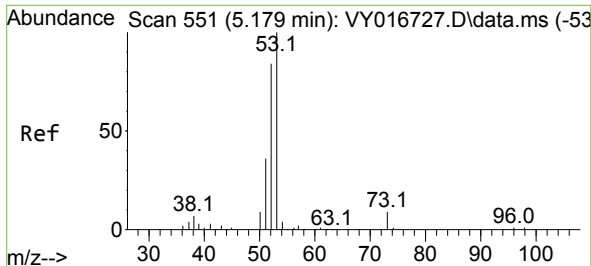
Ion Ratio Lower Upper

41 100

39 67.5 54.7 82.1

76 38.8 31.8 47.6





#15

Acrylonitrile

Concen: 292.317 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.031 min

Lab File: VY016831.D

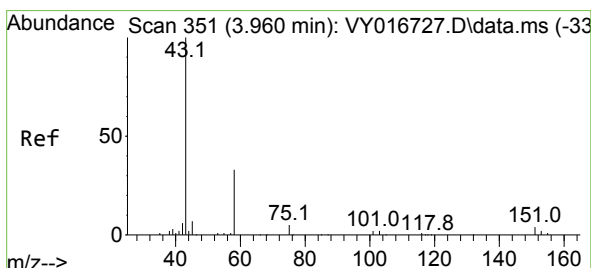
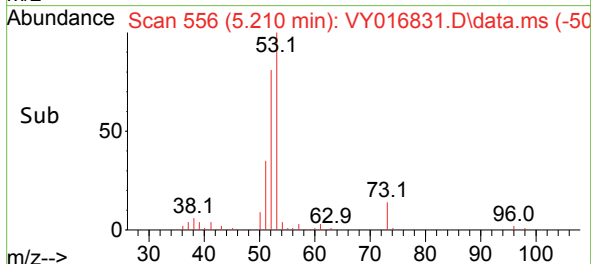
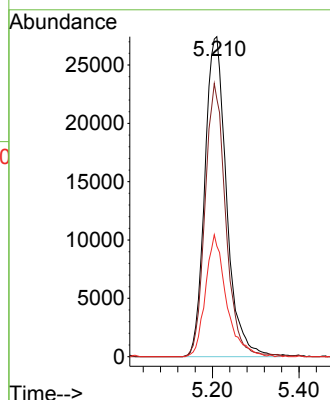
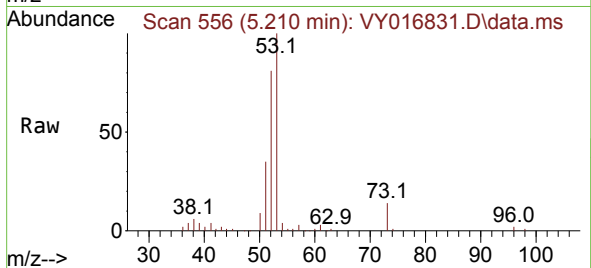
Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 53	Resp:	95376
Ion Ratio	Lower	Upper
53	100	
52	81.6	65.1 97.7
51	36.7	29.0 43.4



#16

Acetone

Concen: 233.023 ug/l

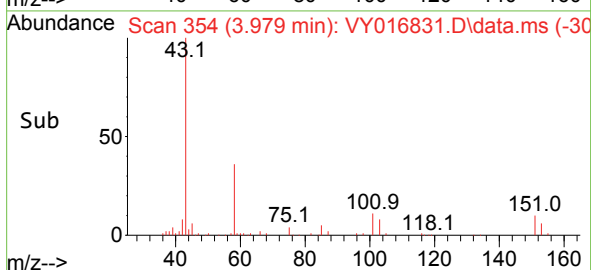
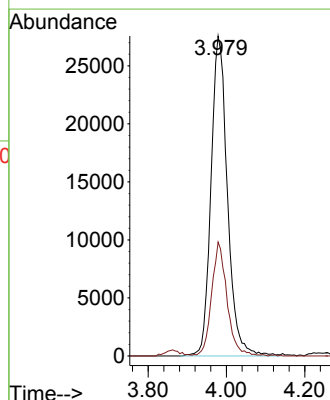
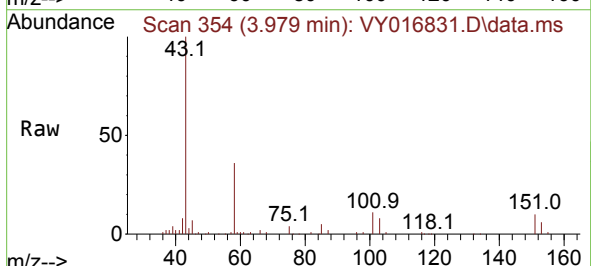
RT: 3.979 min Scan# 354

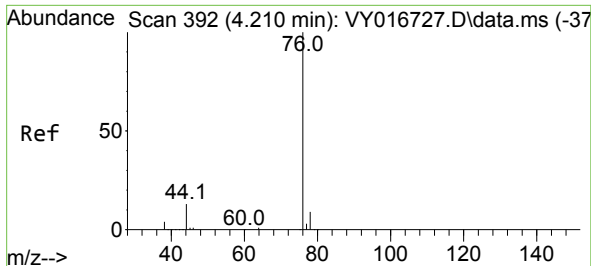
Delta R.T. 0.019 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Tgt Ion: 43	Resp:	80153
Ion Ratio	Lower	Upper
43	100	
58	35.3	26.6 39.8

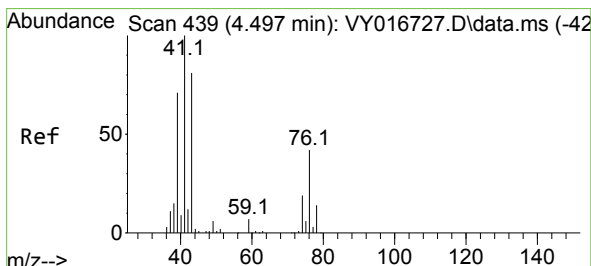
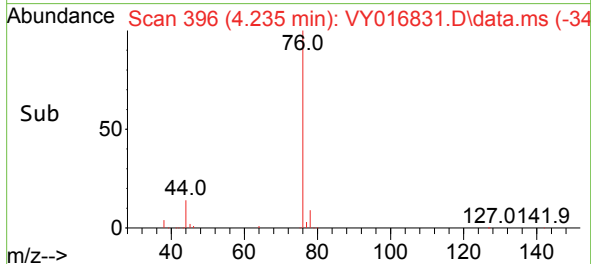
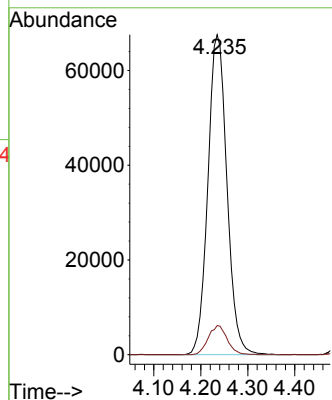
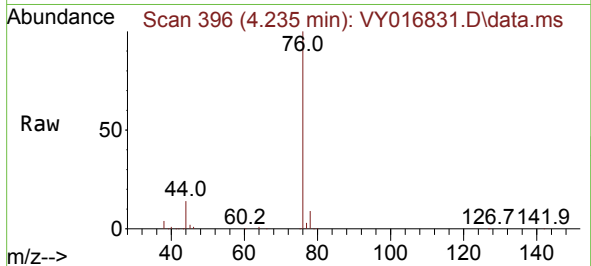




#17
Carbon Disulfide
Concen: 53.090 ug/l
RT: 4.235 min Scan# 396
Delta R.T. 0.025 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

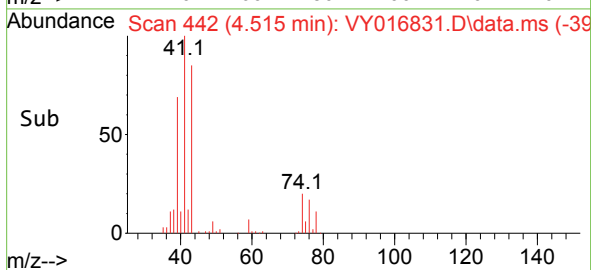
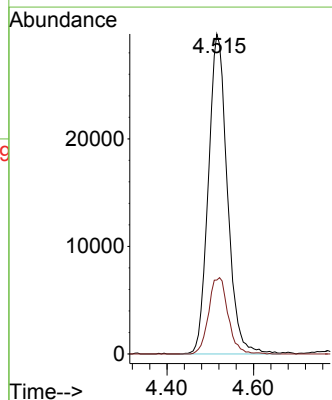
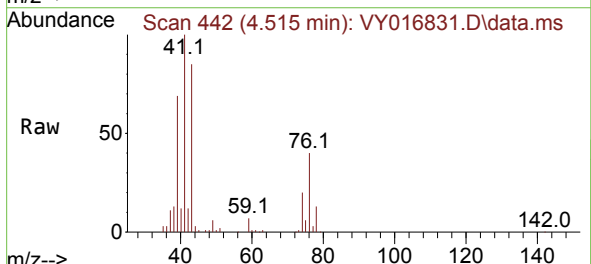
Instrument :
MSVOA_Y
ClientSampleId :

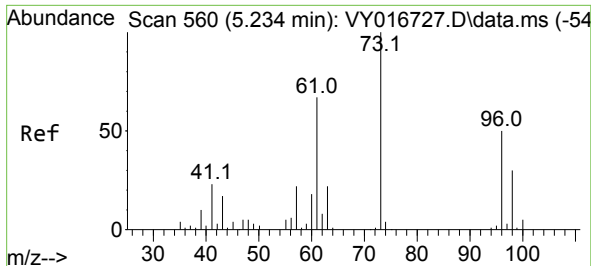
Tgt Ion: 76 Resp: 190022
Ion Ratio Lower Upper
76 100
78 9.1 7.4 11.0



#18
Methyl Acetate
Concen: 67.319 ug/l
RT: 4.515 min Scan# 442
Delta R.T. 0.018 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 43 Resp: 90493
Ion Ratio Lower Upper
43 100
74 24.3 19.8 29.6





#19

Methyl tert-butyl Ether

Concen: 54.480 ug/l

RT: 5.265 min Scan# 5

Delta R.T. 0.031 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

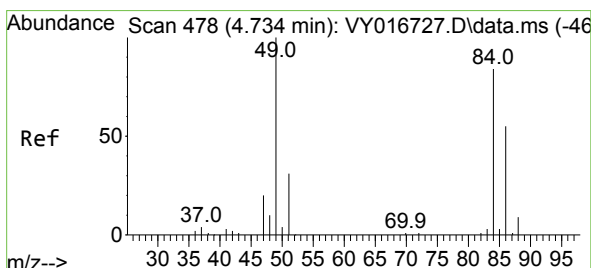
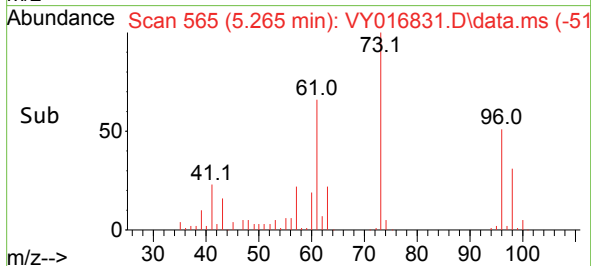
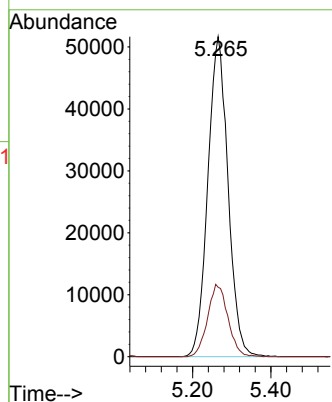
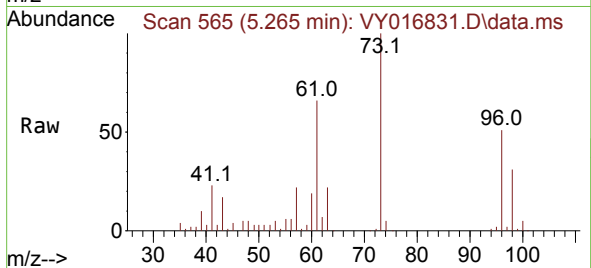
ClientSampleId :

Tgt Ion: 73 Resp: 184399

Ion Ratio Lower Upper

73 100

57 21.7 17.7 26.5



#20

Methylene Chloride

Concen: 50.962 ug/l

RT: 4.759 min Scan# 482

Delta R.T. 0.025 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Tgt Ion: 84 Resp: 87858

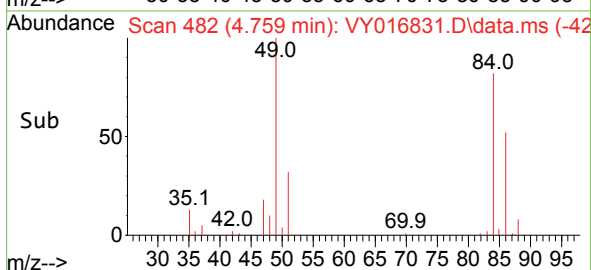
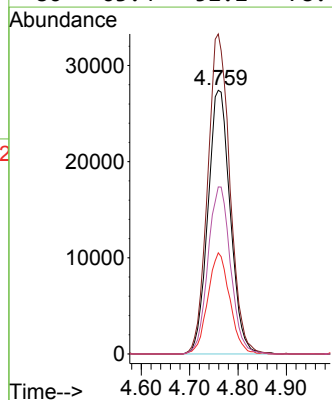
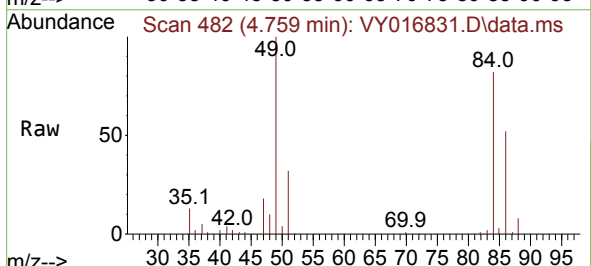
Ion Ratio Lower Upper

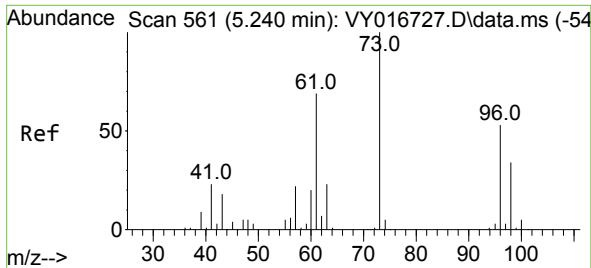
84 100

49 121.4 95.2 142.8

51 38.3 29.9 44.9

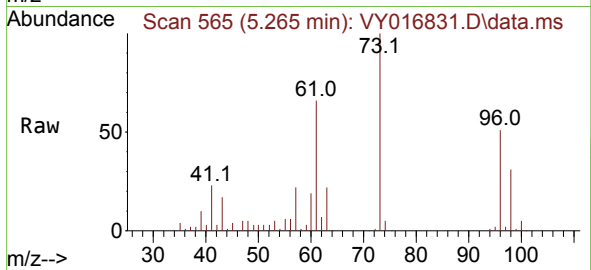
86 63.4 52.2 78.4



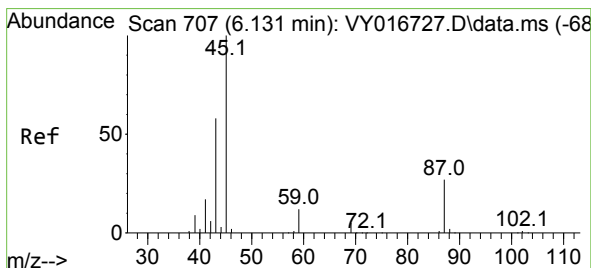
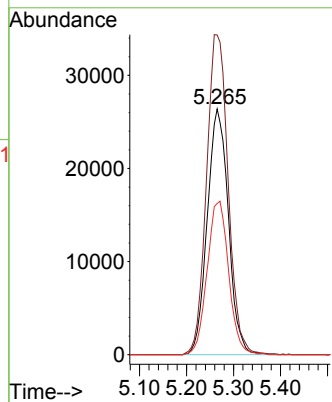
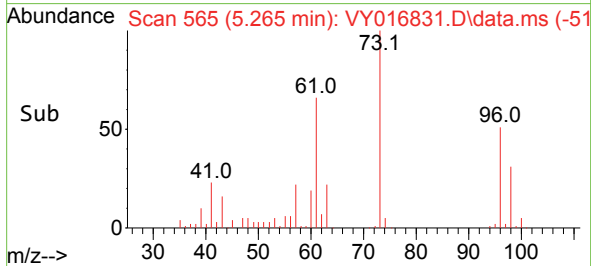


#21
trans-1,2-Dichloroethene
Concen: 54.936 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.025 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

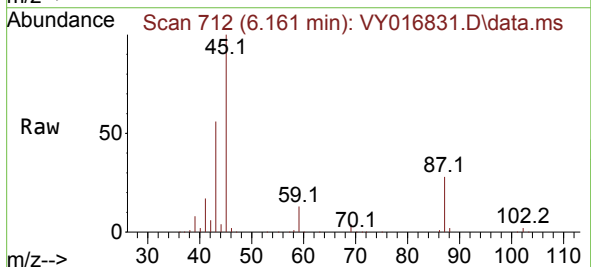
Instrument :
MSVOA_Y
ClientSampleId :



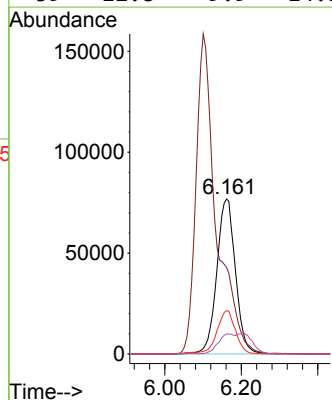
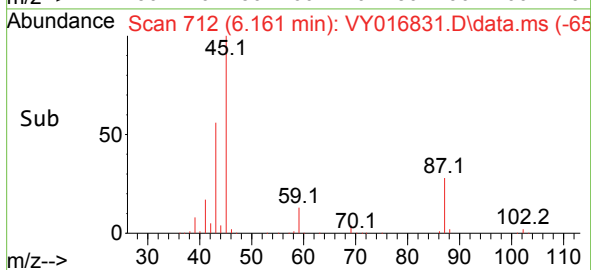
Tgt Ion: 96 Resp: 82418
Ion Ratio Lower Upper
96 100
61 130.1 104.6 156.8
98 61.5 50.9 76.3

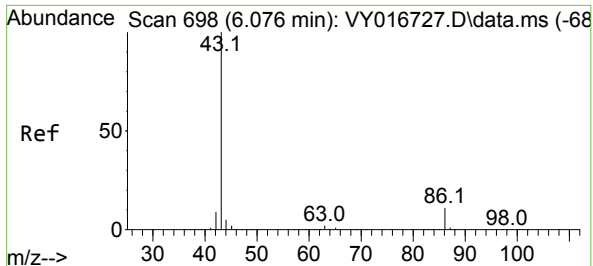


#22
Diisopropyl ether
Concen: 57.162 ug/l
RT: 6.161 min Scan# 712
Delta R.T. 0.031 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55



Tgt Ion: 45 Resp: 260560
Ion Ratio Lower Upper
45 100
43 55.4 46.8 70.2
87 27.9 22.2 33.2
59 12.8 9.9 14.9





#23

Vinyl Acetate

Concen: 271.277 ug/l

RT: 6.100 min Scan# 702

Delta R.T. 0.024 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

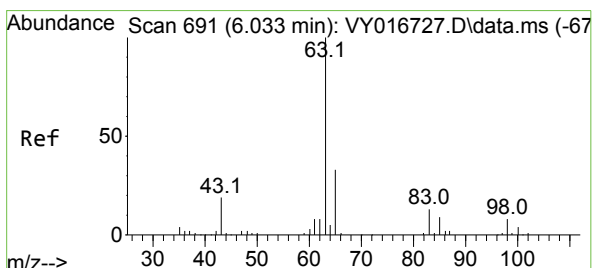
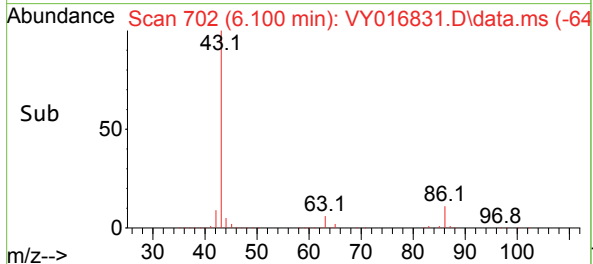
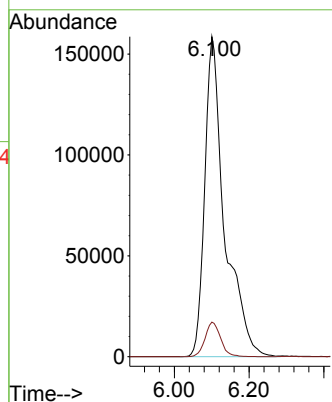
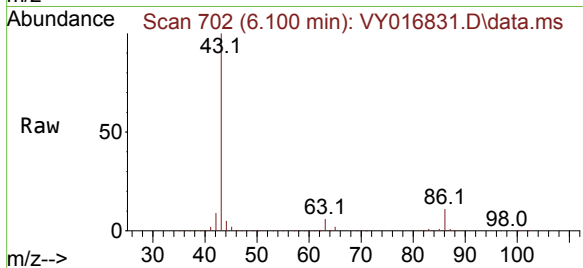
ClientSampleId :

Tgt Ion: 43 Resp: 584837

Ion Ratio Lower Upper

43 100

86 10.8 8.6 13.0



#24

1,1-Dichloroethane

Concen: 56.005 ug/l

RT: 6.064 min Scan# 696

Delta R.T. 0.031 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

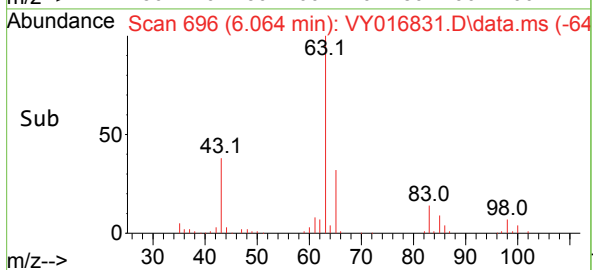
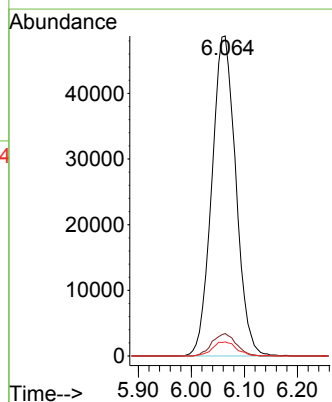
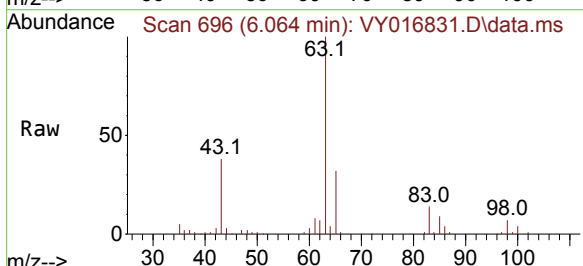
Tgt Ion: 63 Resp: 153353

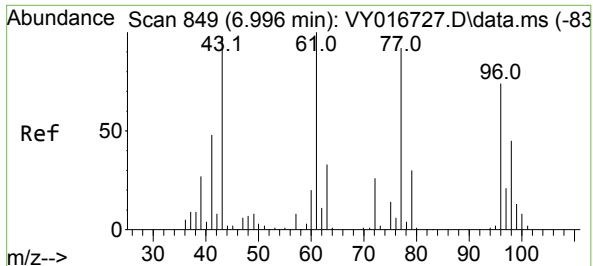
Ion Ratio Lower Upper

63 100

98 7.0 3.8 11.4

100 4.4 2.1 6.2





#25

2-Butanone

Concen: 254.768 ug/l

RT: 7.027 min Scan# 8

Delta R.T. 0.031 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

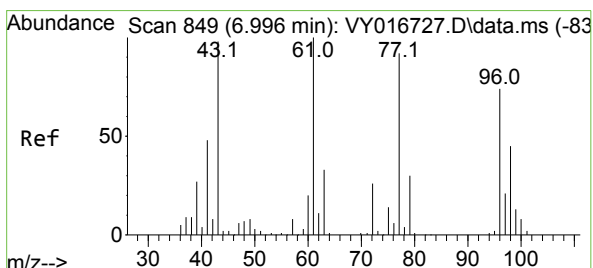
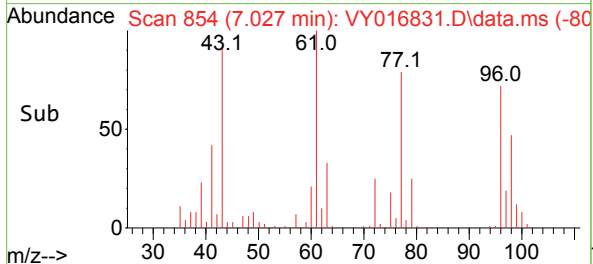
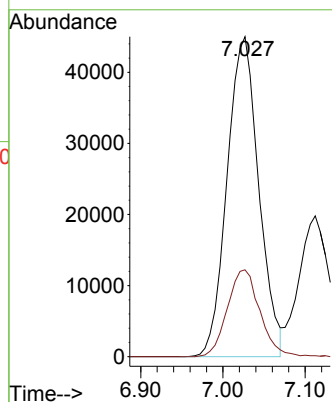
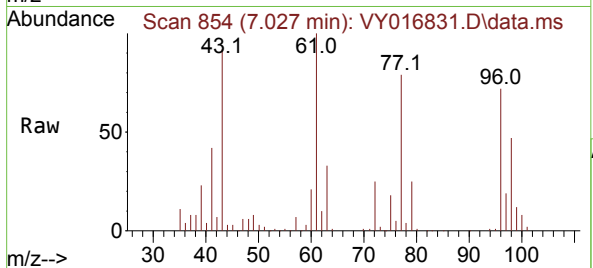
ClientSampleId :

Tgt Ion: 43 Resp: 120654

Ion Ratio Lower Upper

43 100

72 27.1 21.4 32.2



#26

2,2-Dichloropropane

Concen: 51.034 ug/l

RT: 7.021 min Scan# 853

Delta R.T. 0.025 min

Lab File: VY016831.D

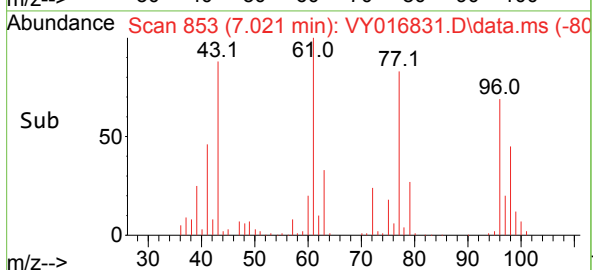
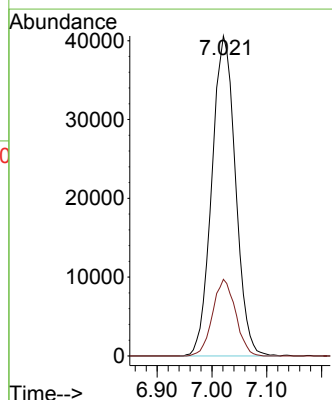
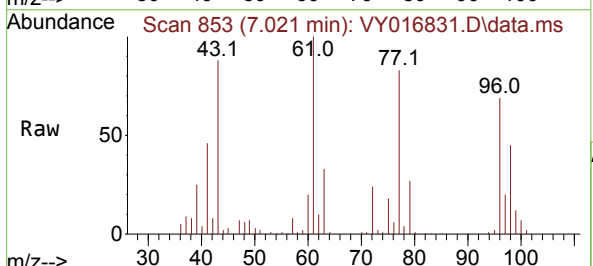
Acq: 23 Dec 2023 00:55

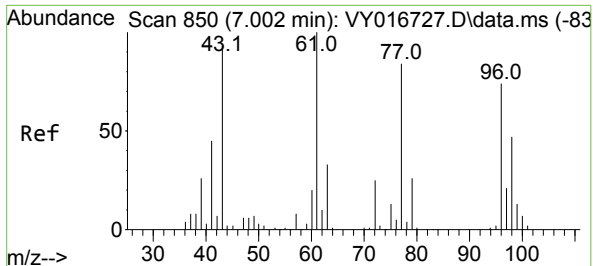
Tgt Ion: 77 Resp: 121947

Ion Ratio Lower Upper

77 100

97 23.2 11.7 35.0





#27

cis-1,2-Dichloroethene

Concen: 55.282 ug/l

RT: 7.027 min Scan# 81

Delta R.T. 0.025 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

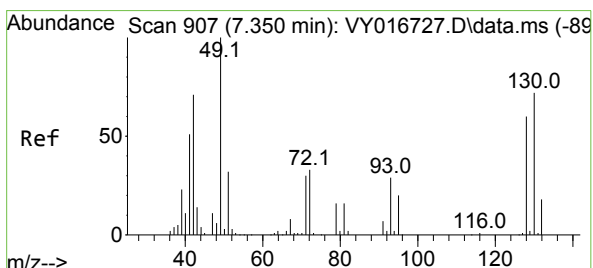
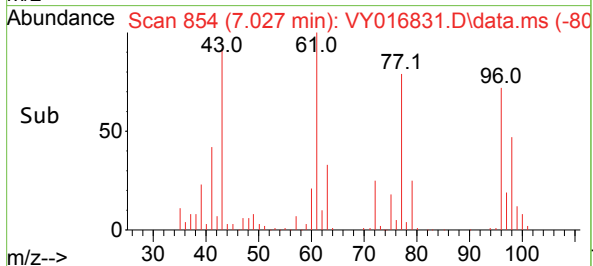
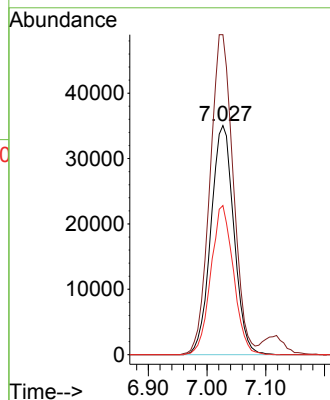
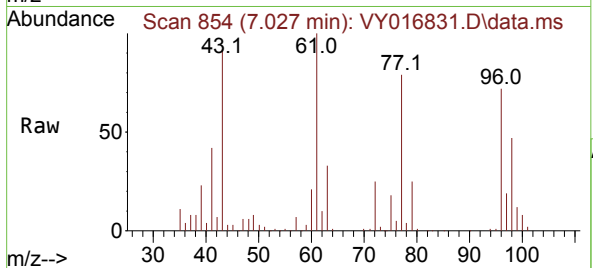
Tgt Ion: 96 Resp: 95453

Ion Ratio Lower Upper

96 100

61 141.4 0.0 278.8

98 64.0 0.0 127.0



#28

Bromochloromethane

Concen: 54.420 ug/l

RT: 7.374 min Scan# 911

Delta R.T. 0.025 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

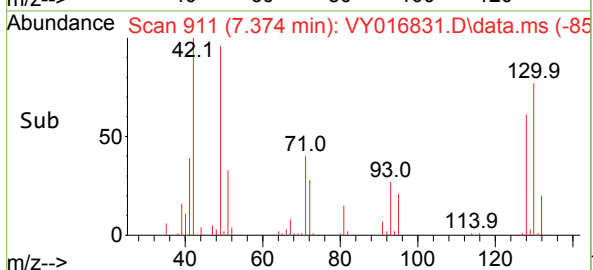
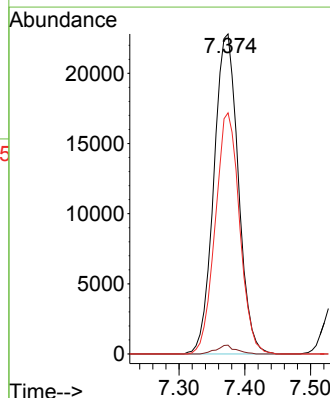
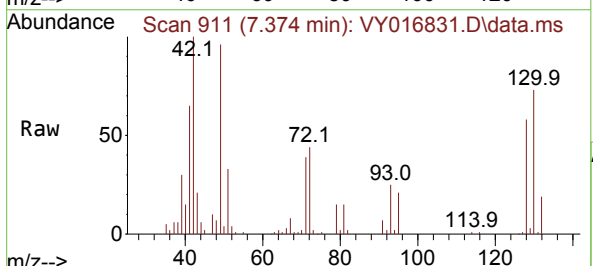
Tgt Ion: 49 Resp: 58979

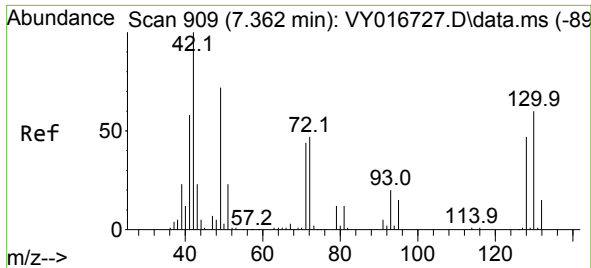
Ion Ratio Lower Upper

49 100

129 2.2 0.0 3.8

130 75.0 59.8 89.8





#29

Tetrahydrofuran

Concen: 300.111 ug/l

RT: 7.387 min Scan# 913

Delta R.T. 0.025 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

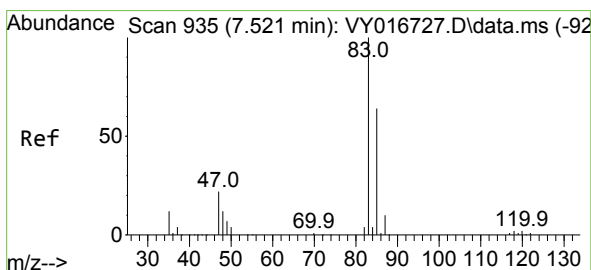
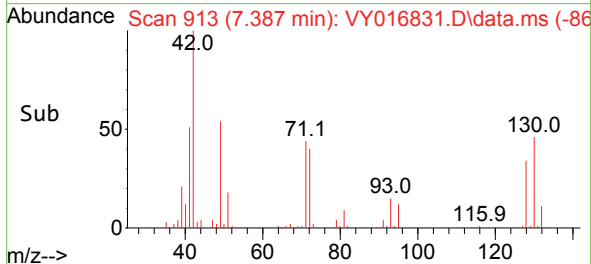
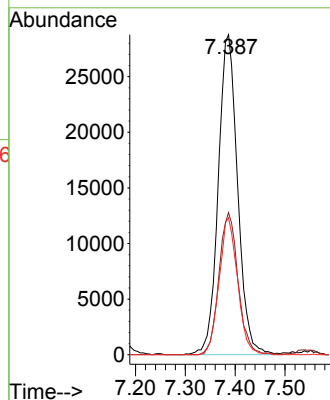
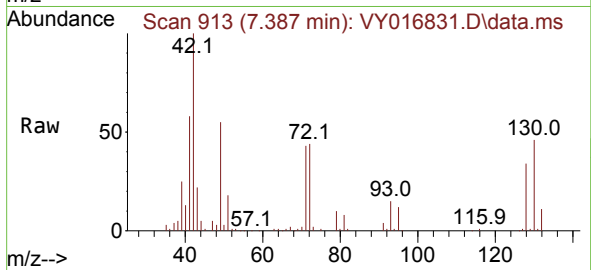
Tgt Ion: 42 Resp: 77715

Ion Ratio Lower Upper

42 100

72 43.9 36.6 54.8

71 40.7 33.8 50.6



#30

Chloroform

Concen: 55.744 ug/l

RT: 7.539 min Scan# 938

Delta R.T. 0.018 min

Lab File: VY016831.D

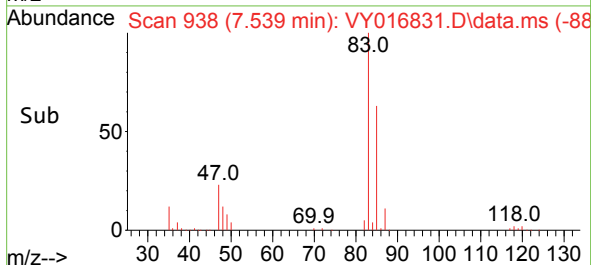
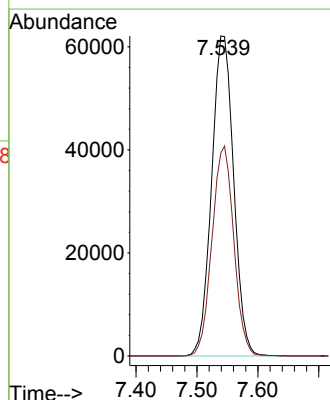
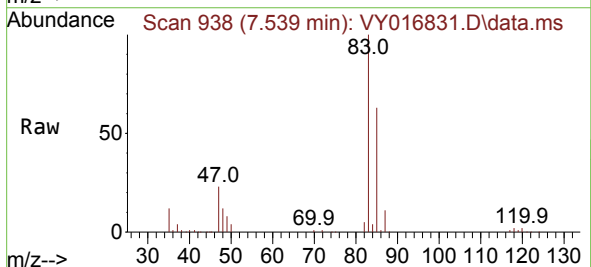
Acq: 23 Dec 2023 00:55

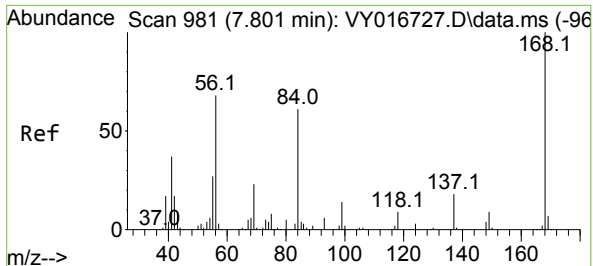
Tgt Ion: 83 Resp: 156257

Ion Ratio Lower Upper

83 100

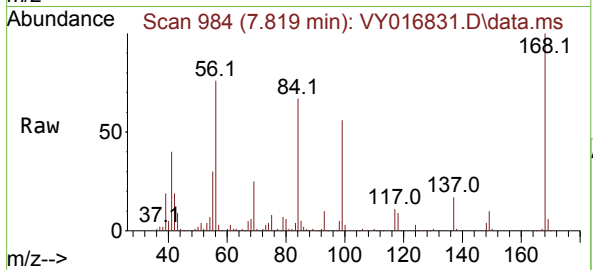
85 63.4 51.2 76.8



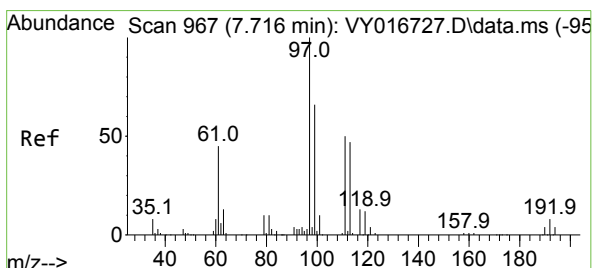
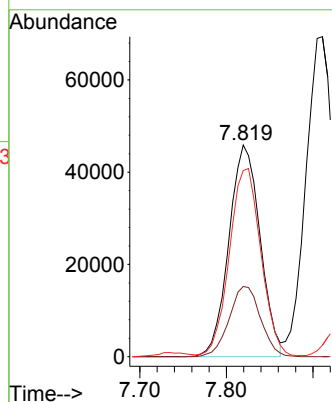
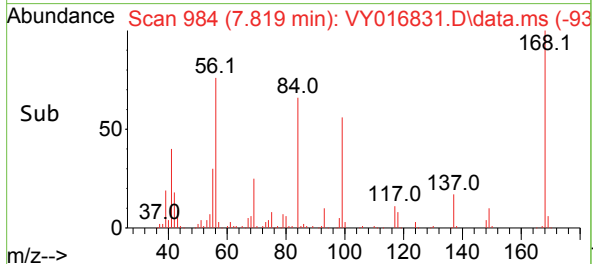


#31
Cyclohexane
Concen: 47.203 ug/l
RT: 7.819 min Scan# 911
Delta R.T. 0.018 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

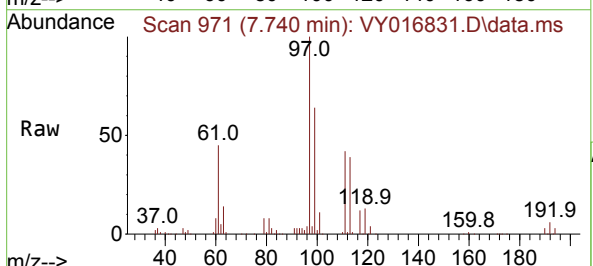
Instrument :
MSVOA_Y
ClientSampleId :



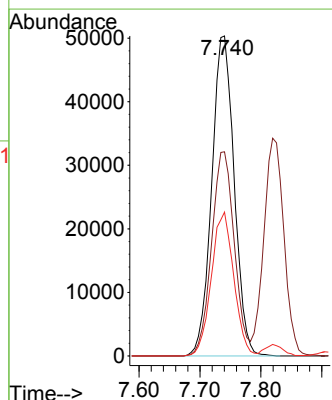
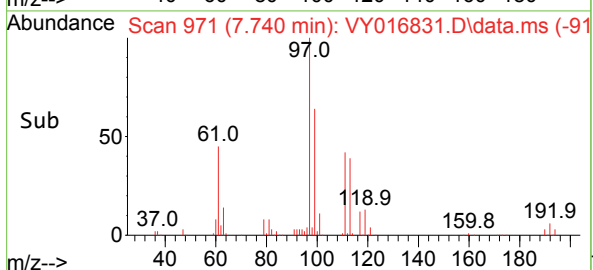
Tgt Ion: 56 Resp: 115041
Ion Ratio Lower Upper
56 100
69 33.2 27.0 40.6
84 86.2 71.8 107.6

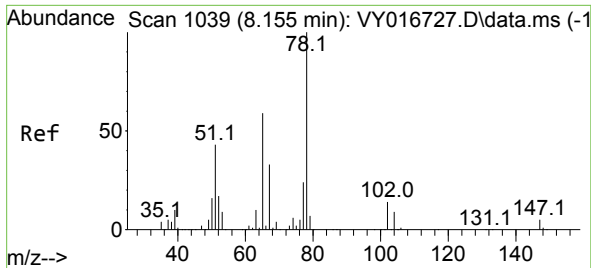


#32
1,1,1-Trichloroethane
Concen: 52.371 ug/l
RT: 7.740 min Scan# 971
Delta R.T. 0.025 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55



Tgt Ion: 97 Resp: 128862
Ion Ratio Lower Upper
97 100
99 64.9 51.2 76.8
61 45.0 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 47.174 ug/l

RT: 8.173 min Scan# 110

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

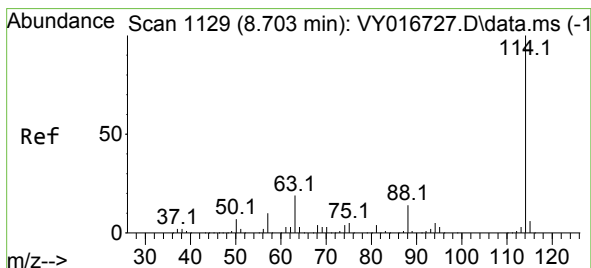
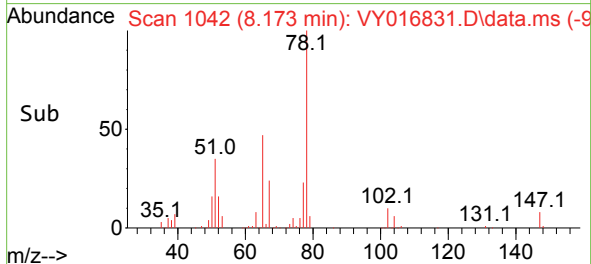
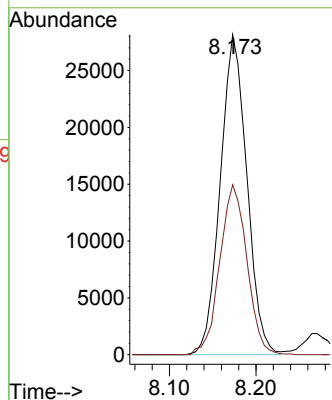
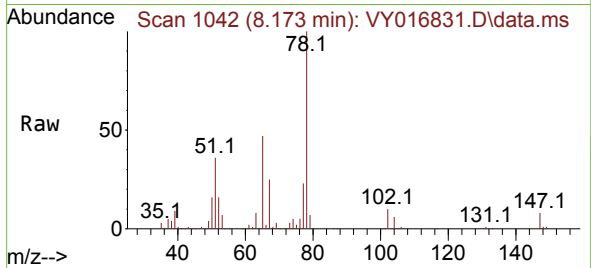
ClientSampleId :

Tgt Ion: 65 Resp: 60007

Ion Ratio Lower Upper

65 100

67 54.3 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1132

Delta R.T. 0.019 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

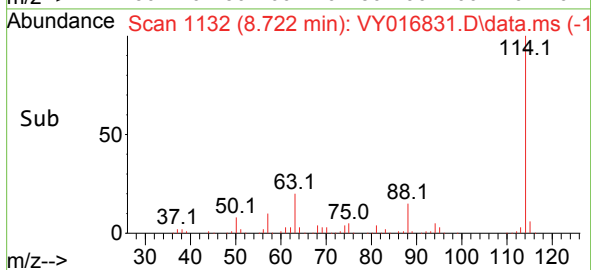
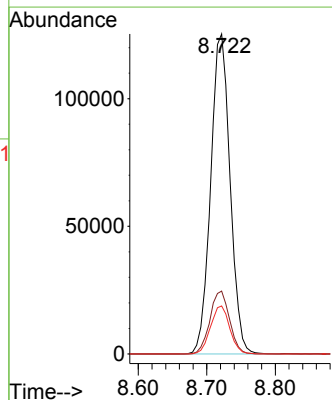
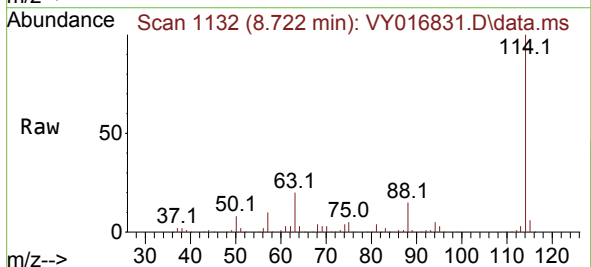
Tgt Ion:114 Resp: 245820

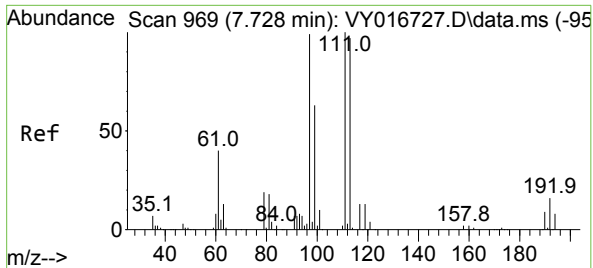
Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.0 0.0 29.0

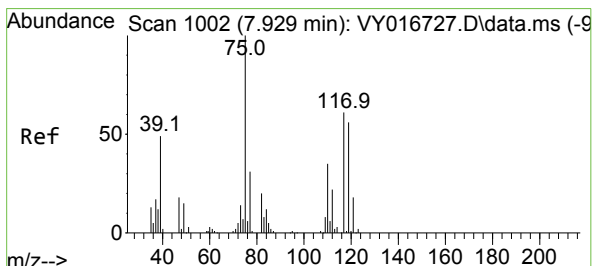
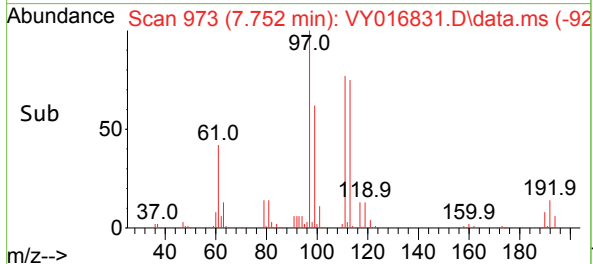
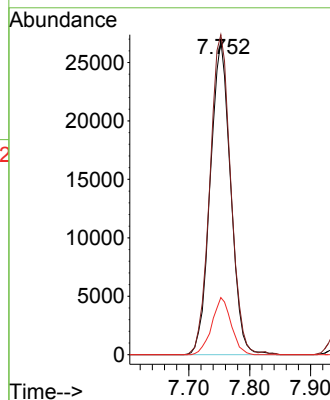
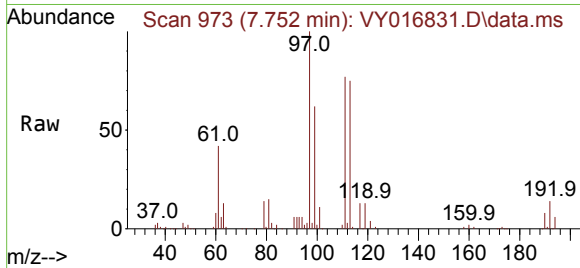




#35
Dibromofluoromethane
Concen: 44.183 ug/l
RT: 7.752 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

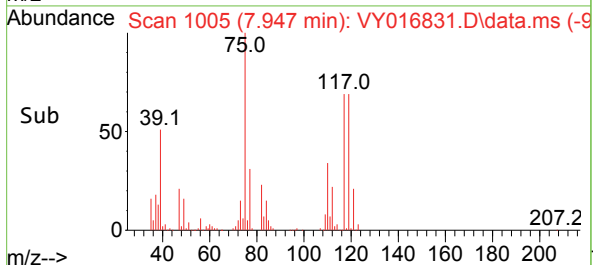
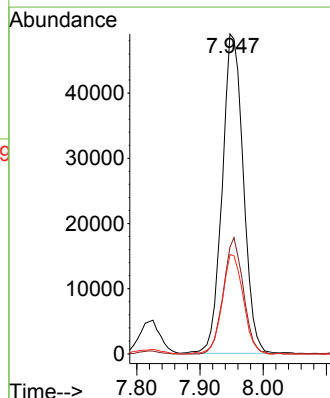
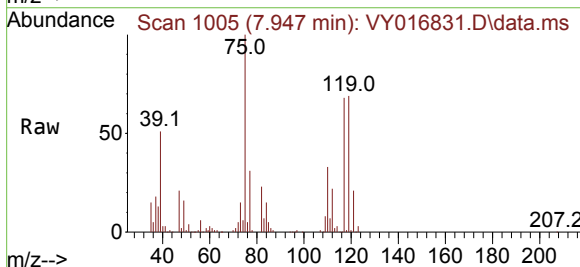
Instrument :
MSVOA_Y
ClientSampleId :

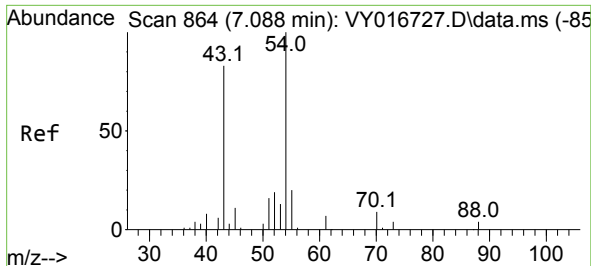
Tgt Ion:113 Resp: 62215
Ion Ratio Lower Upper
113 100
111 104.9 83.8 125.6
192 17.3 14.5 21.7



#36
1,1-Dichloropropene
Concen: 50.101 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. 0.018 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 75 Resp: 113099
Ion Ratio Lower Upper
75 100
110 34.6 17.4 52.3
77 31.3 24.7 37.1





#37

Ethyl Acetate

Concen: 55.333 ug/l

RT: 7.112 min Scan# 80

Delta R.T. 0.025 min

Lab File: VY016831.D

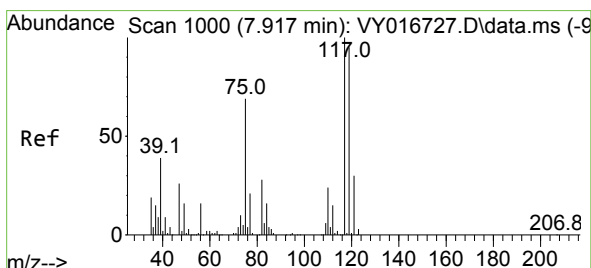
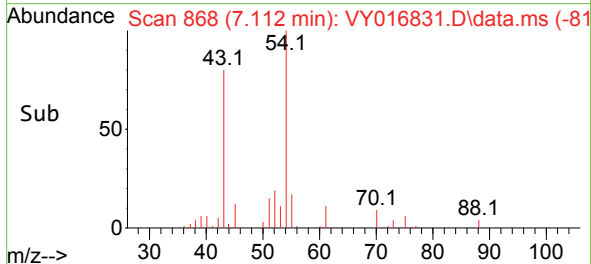
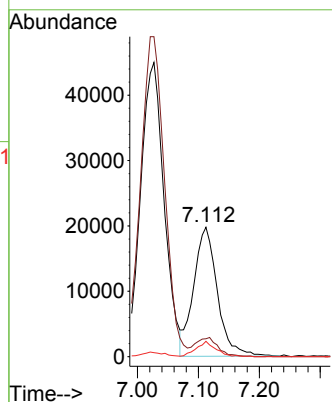
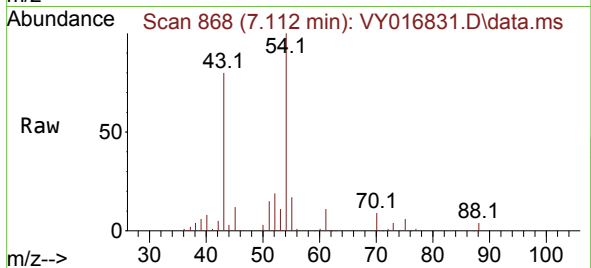
Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 53540
Ion Ratio	Lower Upper
43	100
61	14.5 11.0 16.6
70	9.9 8.1 12.1



#38

Carbon Tetrachloride

Concen: 48.566 ug/l

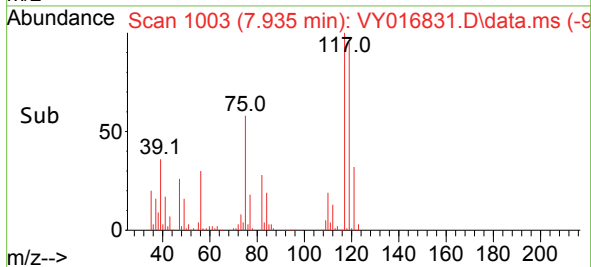
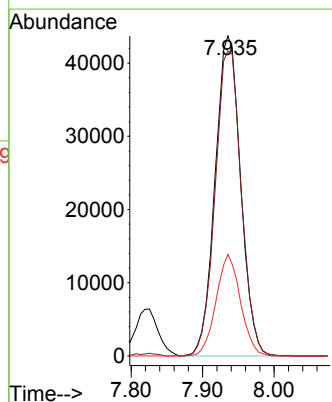
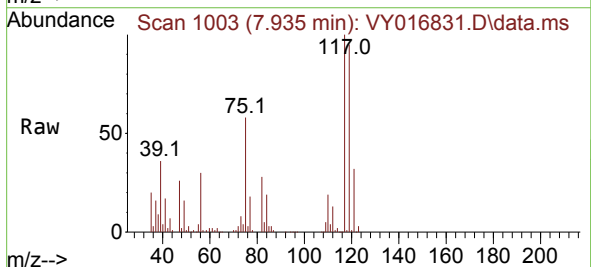
RT: 7.935 min Scan# 1003

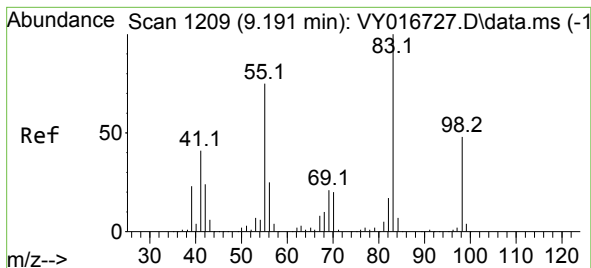
Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Tgt Ion: 117	Resp: 108489
Ion Ratio	Lower Upper
117	100
119	95.4 76.0 114.0
121	31.8 24.2 36.2





#39

Methylcyclohexane

Concen: 48.736 ug/l

RT: 9.216 min Scan# 11

Delta R.T. 0.025 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

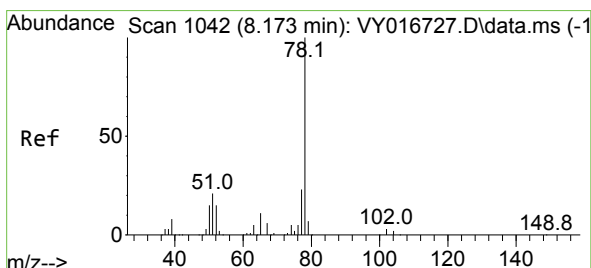
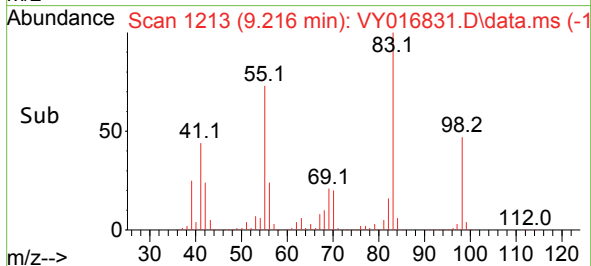
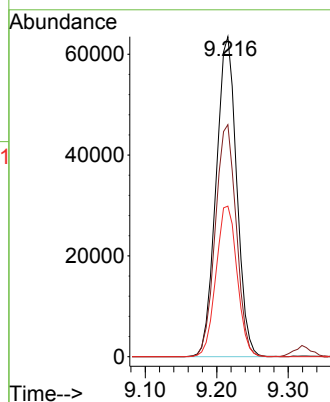
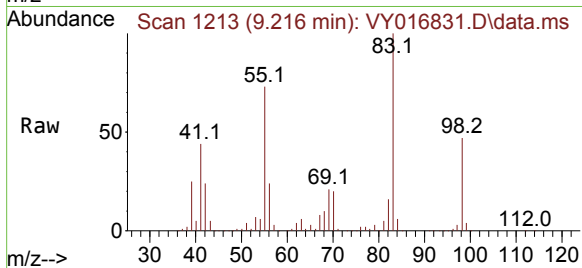
Tgt Ion: 83 Resp: 127024

Ion Ratio Lower Upper

83 100

55 72.5 59.7 89.5

98 47.1 38.0 57.0



#40

Benzene

Concen: 53.301 ug/l

RT: 8.191 min Scan# 1045

Delta R.T. 0.018 min

Lab File: VY016831.D

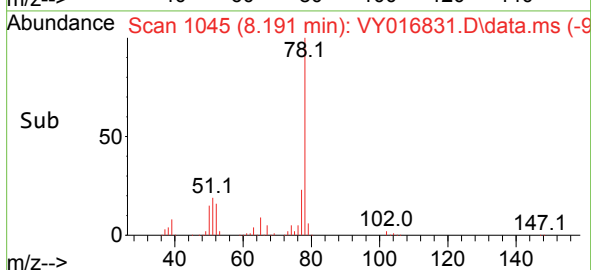
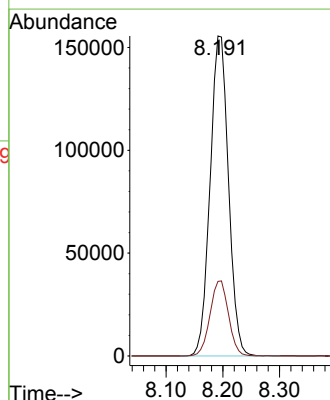
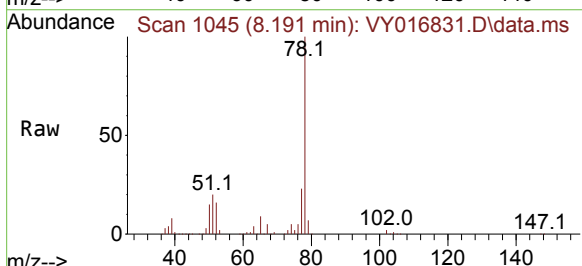
Acq: 23 Dec 2023 00:55

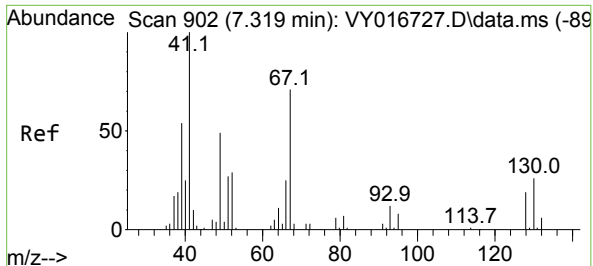
Tgt Ion: 78 Resp: 350146

Ion Ratio Lower Upper

78 100

77 23.3 18.8 28.2

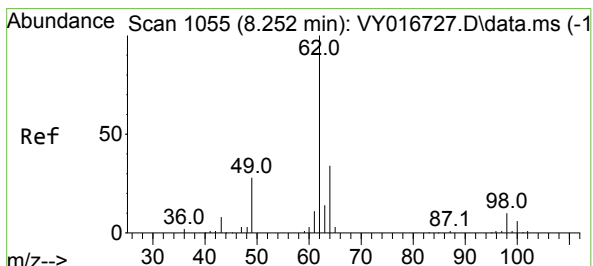
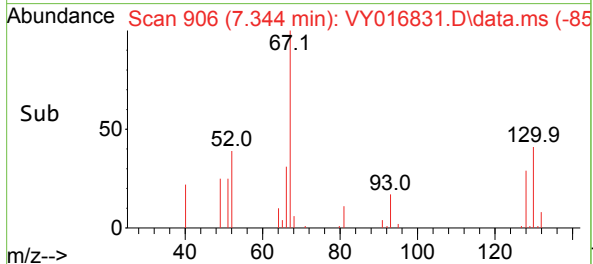
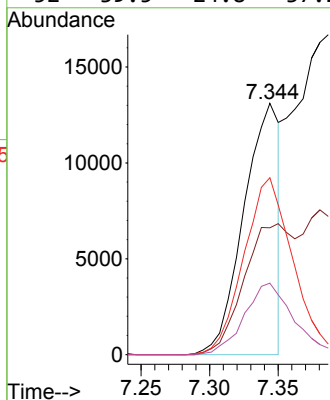
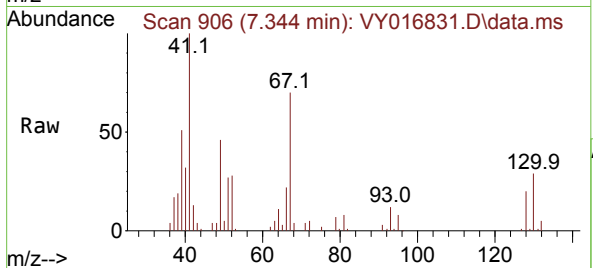




#41
Methacrylonitrile
Concen: 46.472 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.025 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

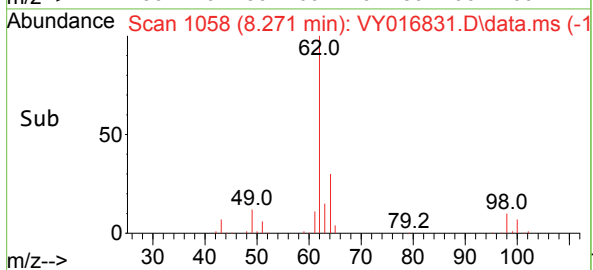
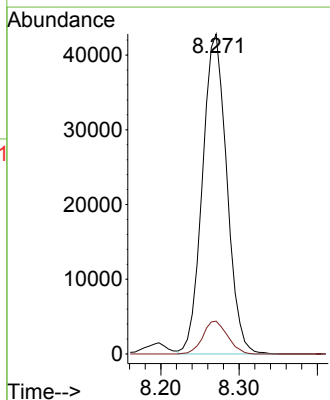
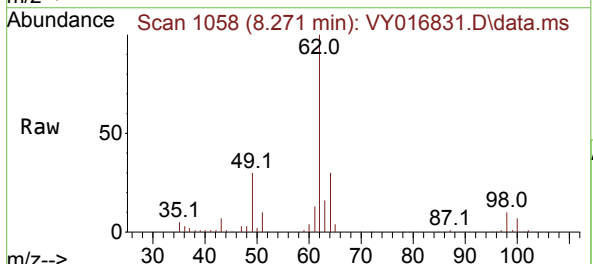
Instrument :
MSVOA_Y
ClientSampleId :

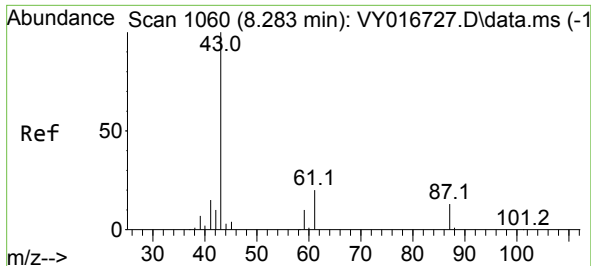
Tgt Ion: 41	Resp: 23874
Ion Ratio	Lower Upper
41 100	
39 72.3	41.9 62.9#
67 96.6	59.8 89.6#
52 39.5	24.8 37.2#



#42
1,2-Dichloroethane
Concen: 53.990 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.018 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 62	Resp: 92531
Ion Ratio	Lower Upper
62 100	
98 10.4	0.0 20.2

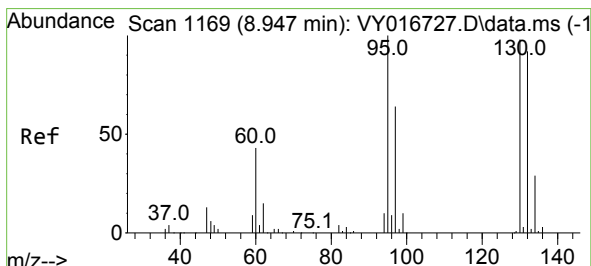
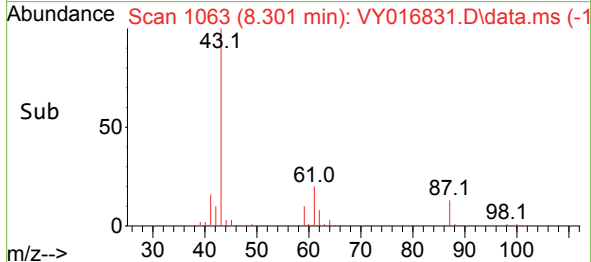
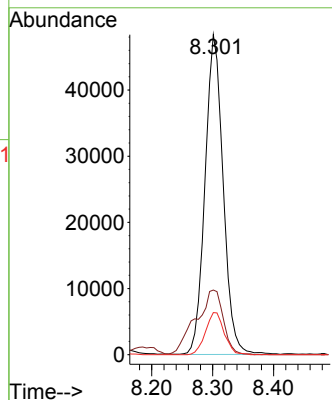
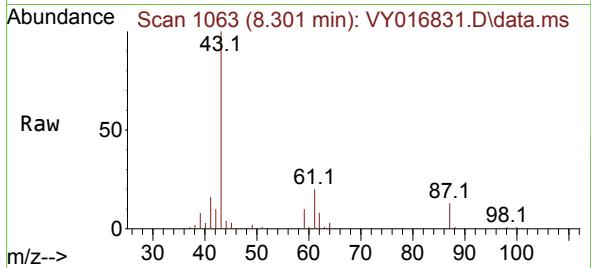




#43
Isopropyl Acetate
Concen: 53.191 ug/l
RT: 8.301 min Scan# 1107
Delta R.T. 0.018 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

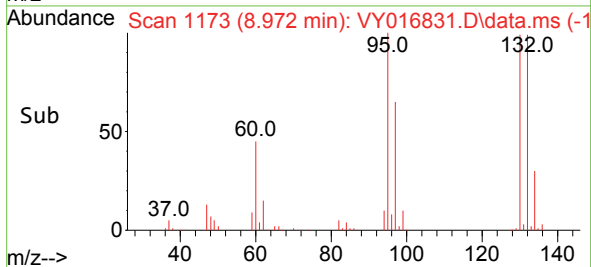
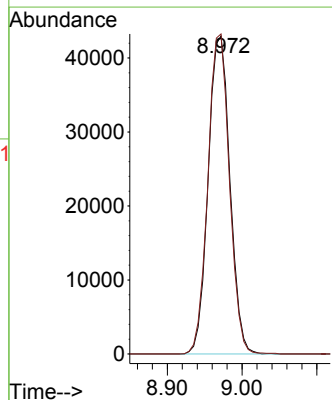
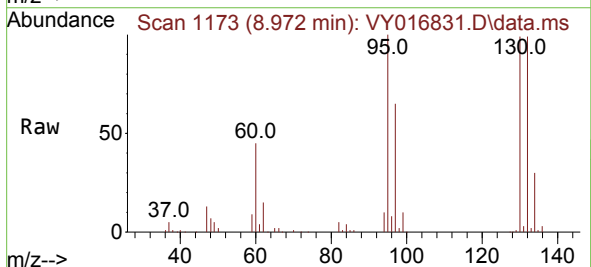
Instrument :
MSVOA_Y
ClientSampleId :

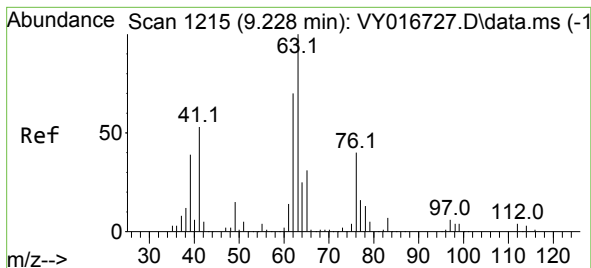
Tgt Ion: 43 Resp: 99961
Ion Ratio Lower Upper
43 100
61 30.5 24.8 37.2
87 13.5 10.7 16.1



#44
Trichloroethene
Concen: 51.836 ug/l
RT: 8.972 min Scan# 1173
Delta R.T. 0.025 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 130 Resp: 86913
Ion Ratio Lower Upper
130 100
95 100.6 0.0 203.8





#45

1,2-Dichloropropane

Concen: 52.912 ug/l

RT: 9.246 min Scan# 1218

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

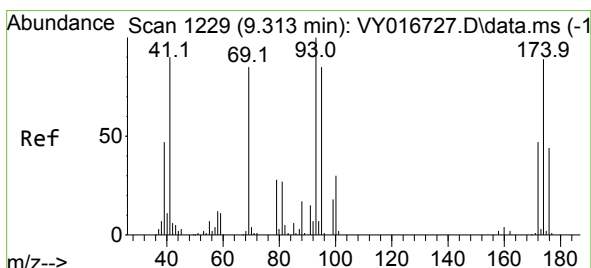
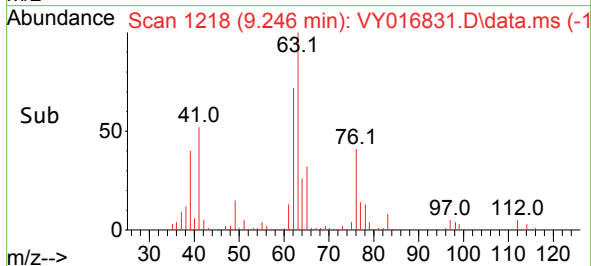
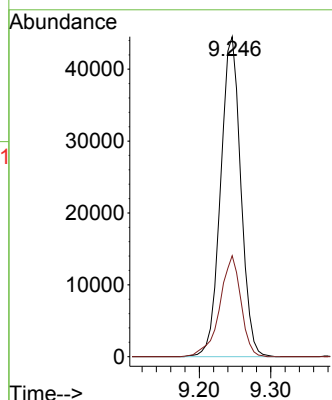
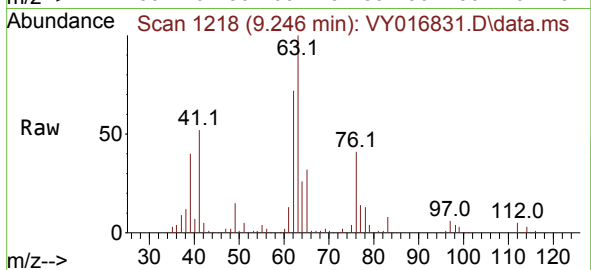
ClientSampleId :

Tgt Ion: 63 Resp: 87192

Ion Ratio Lower Upper

63 100

65 31.5 24.6 36.8



#46

Dibromomethane

Concen: 53.673 ug/l

RT: 9.331 min Scan# 1232

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

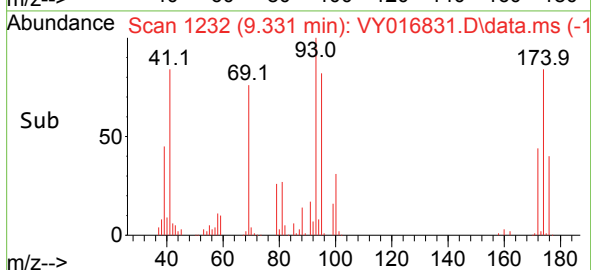
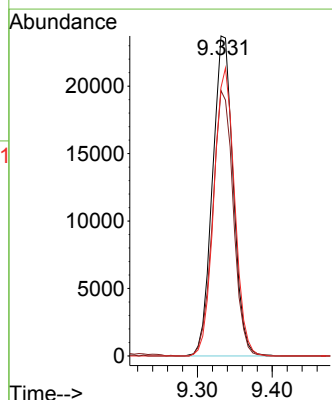
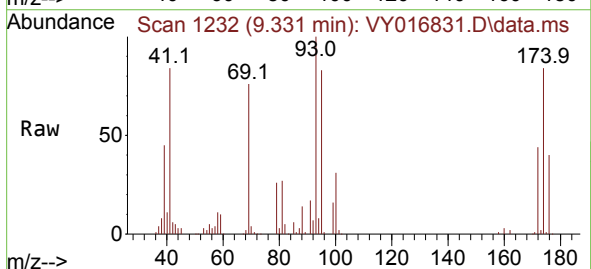
Tgt Ion: 93 Resp: 45691

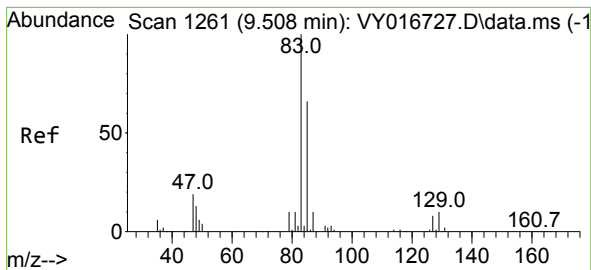
Ion Ratio Lower Upper

93 100

95 82.7 66.6 99.8

174 89.8 73.8 110.6





#47

Bromodichloromethane

Concen: 52.786 ug/l

RT: 9.526 min Scan# 11

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

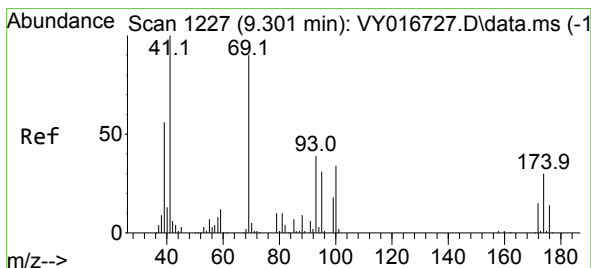
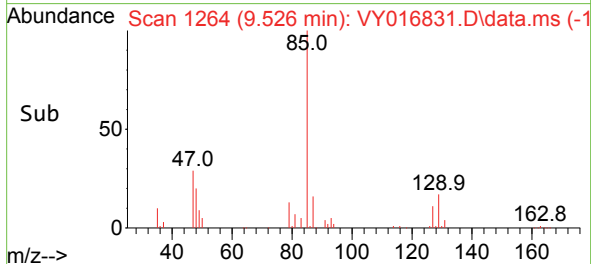
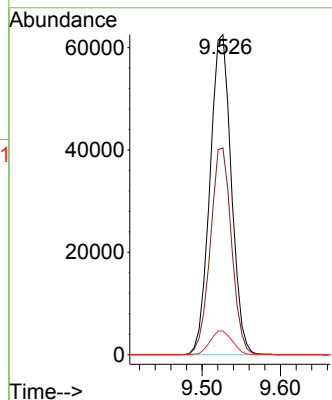
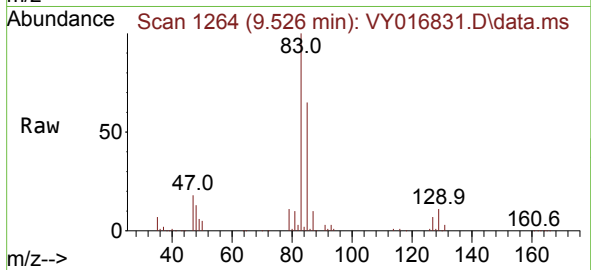
Tgt Ion: 83 Resp: 118438

Ion Ratio Lower Upper

83 100

85 64.6 53.2 79.8

127 7.4 6.4 9.6



#48

Methyl methacrylate

Concen: 54.730 ug/l

RT: 9.319 min Scan# 1230

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

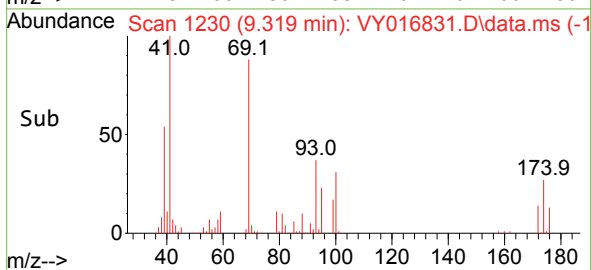
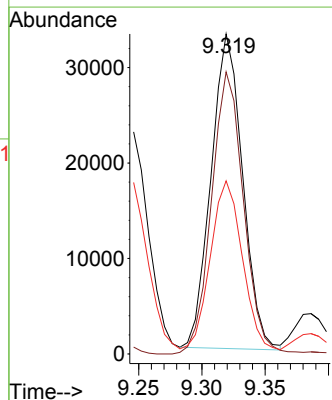
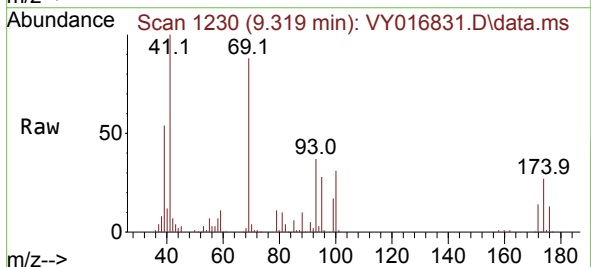
Tgt Ion: 41 Resp: 57162

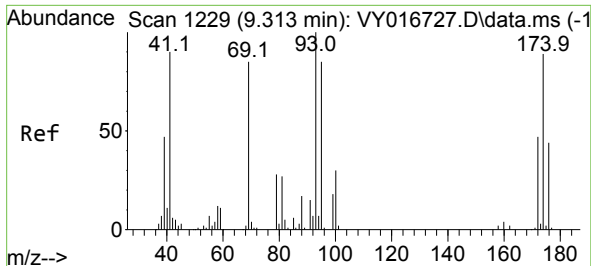
Ion Ratio Lower Upper

41 100

69 91.5 72.1 108.1

39 57.5 42.8 64.2





#49

1,4-Dioxane

Concen: 1071.461 ug/l

RT: 9.325 min Scan# 1231

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

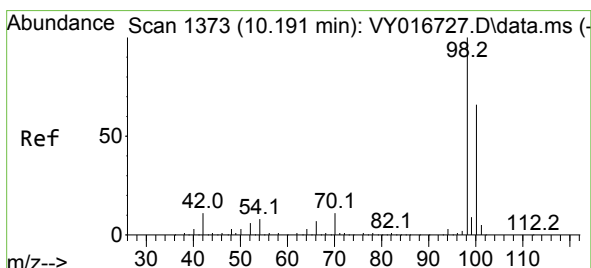
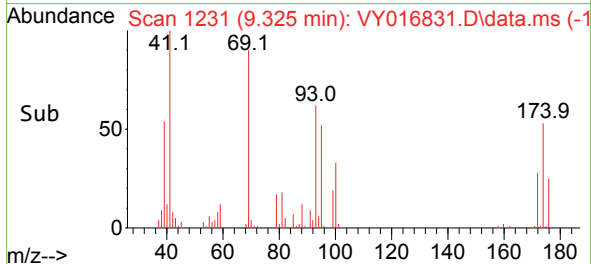
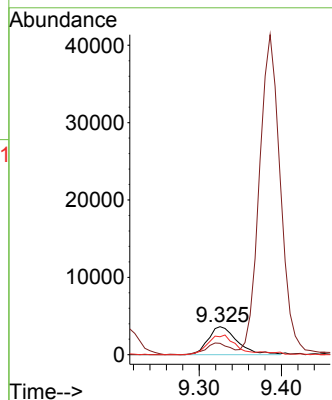
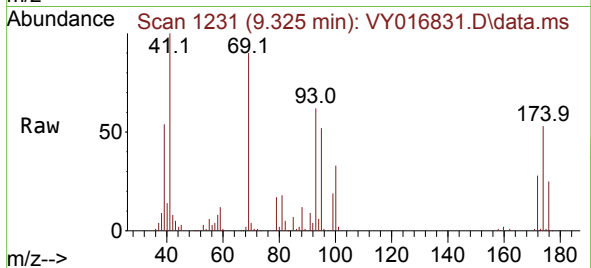
Tgt Ion: 88 Resp: 8853

Ion Ratio Lower Upper

88 100

43 34.4 28.2 42.4

58 65.9 52.2 78.2



#50

Toluene-d8

Concen: 44.760 ug/l

RT: 10.209 min Scan# 1376

Delta R.T. 0.018 min

Lab File: VY016831.D

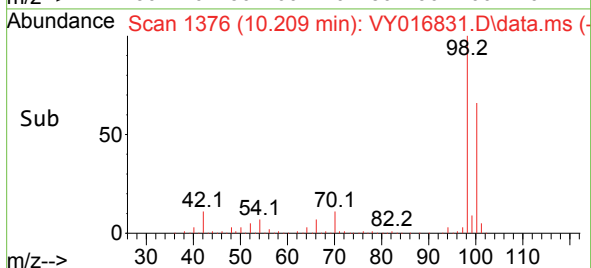
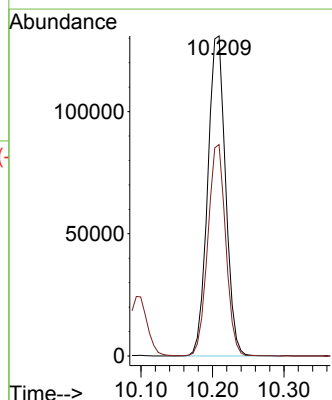
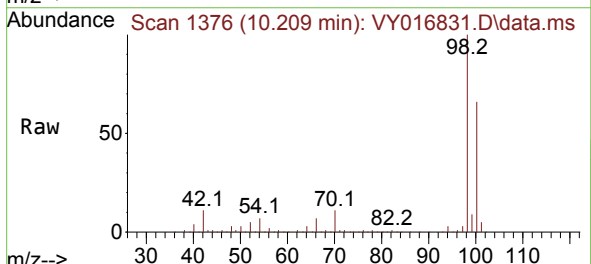
Acq: 23 Dec 2023 00:55

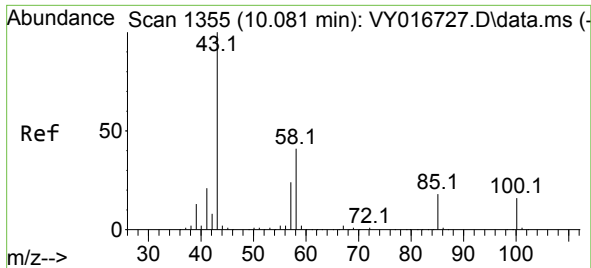
Tgt Ion: 98 Resp: 227205

Ion Ratio Lower Upper

98 100

100 66.2 52.3 78.5

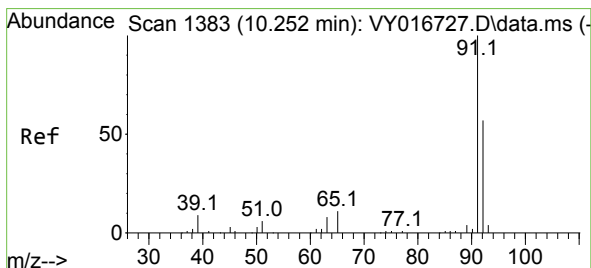
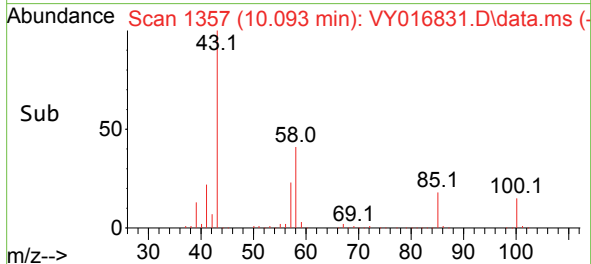
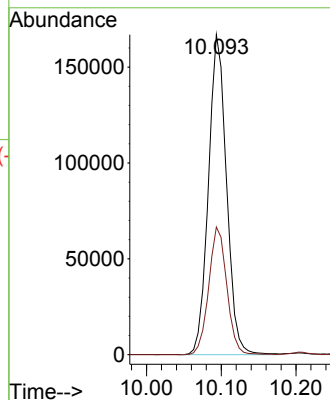
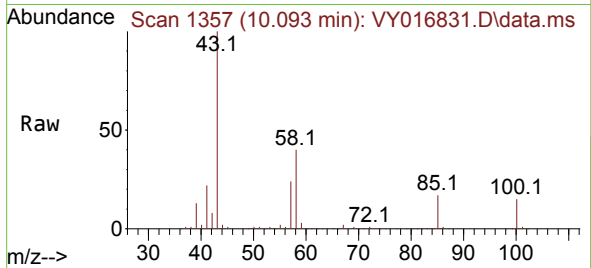




#51
4-Methyl-2-Pentanone
Concen: 280.217 ug/l
RT: 10.093 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

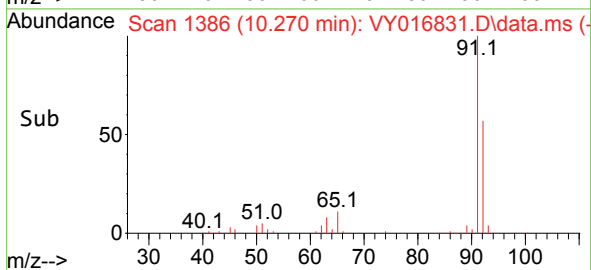
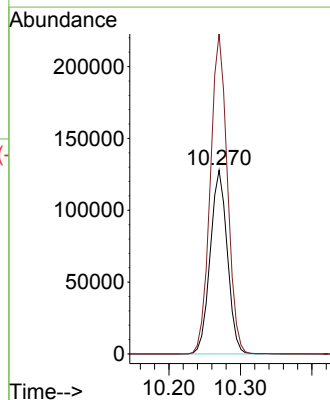
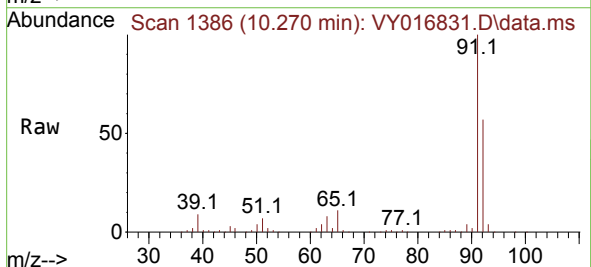
Instrument :
MSVOA_Y
ClientSampleId :

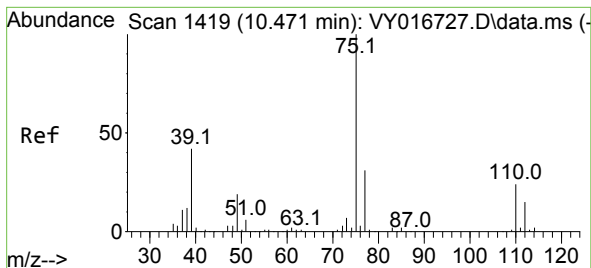
Tgt Ion: 43 Resp: 280580
Ion Ratio Lower Upper
43 100
58 39.9 32.2 48.2



#52
Toluene
Concen: 53.918 ug/l
RT: 10.270 min Scan# 1386
Delta R.T. 0.018 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 92 Resp: 212260
Ion Ratio Lower Upper
92 100
91 174.1 137.6 206.4

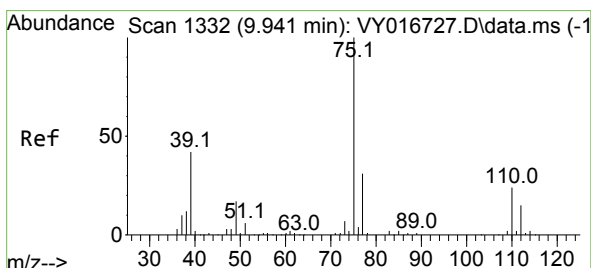
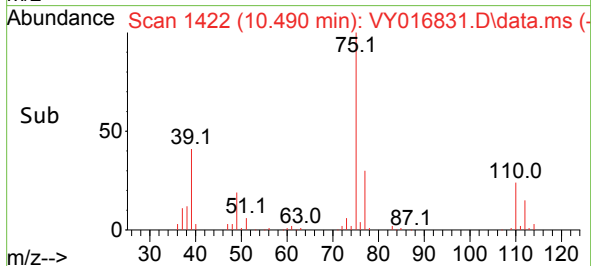
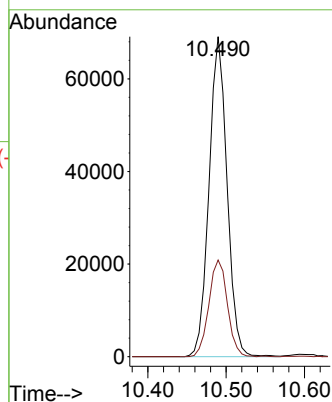
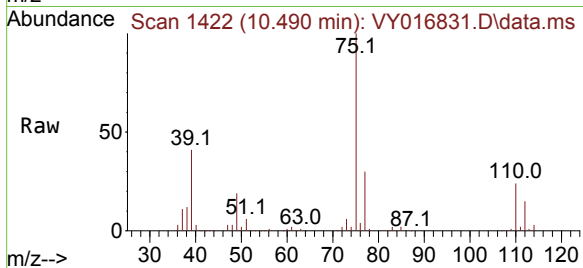




#53
 t-1,3-Dichloropropene
 Concen: 53.893 ug/l
 RT: 10.490 min Scan# 1419
 Delta R.T. 0.019 min
 Lab File: VY016831.D
 Acq: 23 Dec 2023 00:55

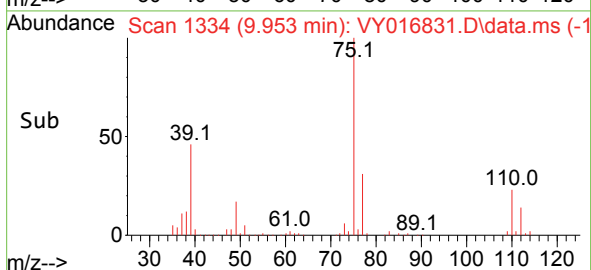
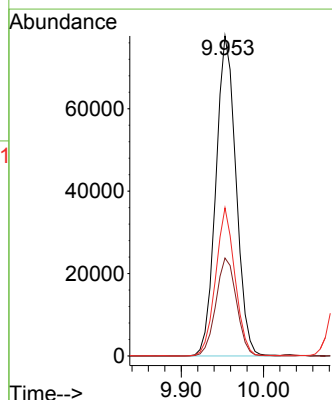
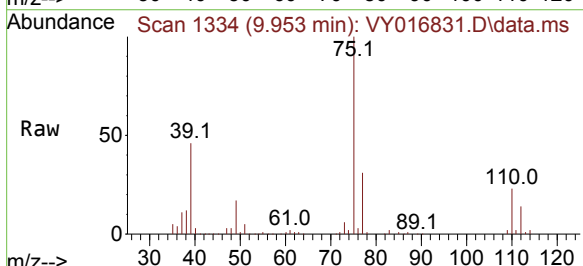
Instrument :
 MSVOA_Y
 ClientSampleId :

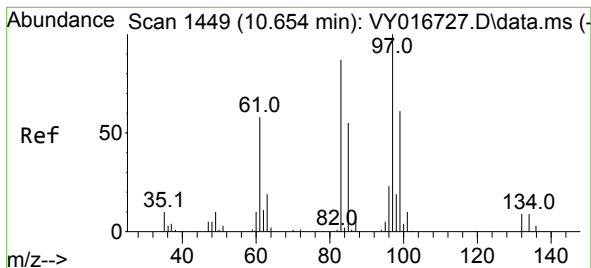
Tgt Ion: 75 Resp: 110261
 Ion Ratio Lower Upper
 75 100
 77 30.2 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.651 ug/l
 RT: 9.953 min Scan# 1334
 Delta R.T. 0.012 min
 Lab File: VY016831.D
 Acq: 23 Dec 2023 00:55

Tgt Ion: 75 Resp: 132401
 Ion Ratio Lower Upper
 75 100
 77 30.6 24.6 36.8
 39 46.3 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 52.905 ug/l

RT: 10.673 min Scan# 1449

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 64257

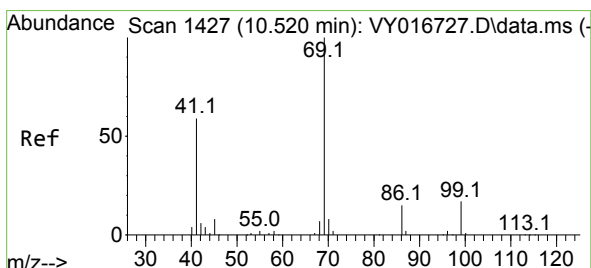
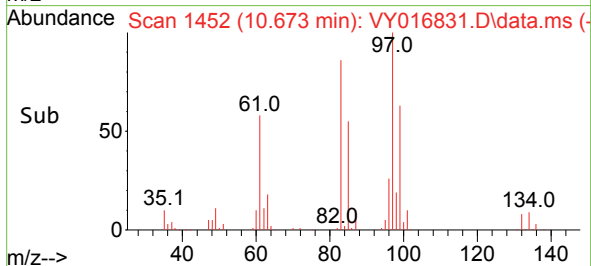
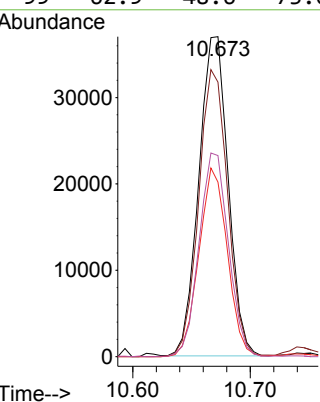
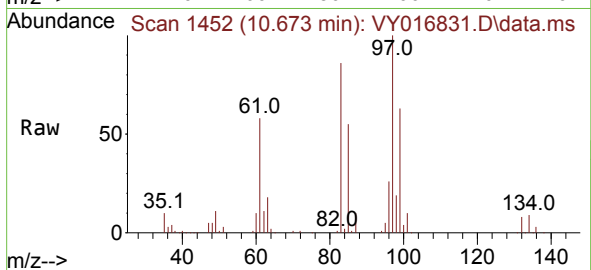
Ion Ratio Lower Upper

97 100

83 85.8 69.4 104.2

85 54.6 43.9 65.9

99 62.9 48.6 73.0



#56

Ethyl methacrylate

Concen: 56.311 ug/l

RT: 10.532 min Scan# 1429

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

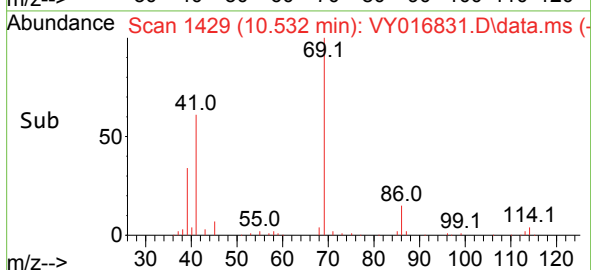
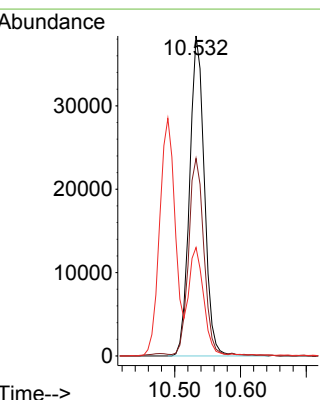
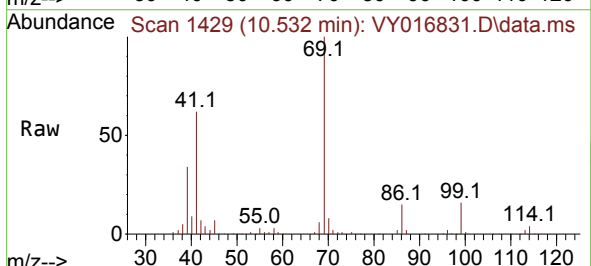
Tgt Ion: 69 Resp: 60142

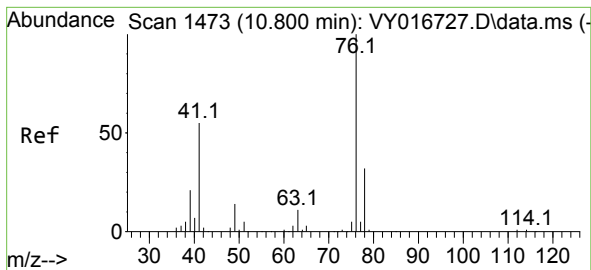
Ion Ratio Lower Upper

69 100

41 62.2 49.2 73.8

39 33.0 26.8 40.2





#57

1,3-Dichloropropane

Concen: 53.807 ug/l

RT: 10.813 min Scan# 1473

Delta R.T. 0.013 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

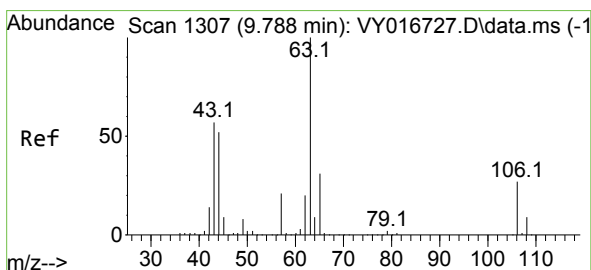
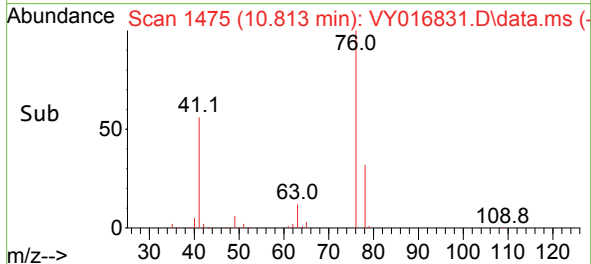
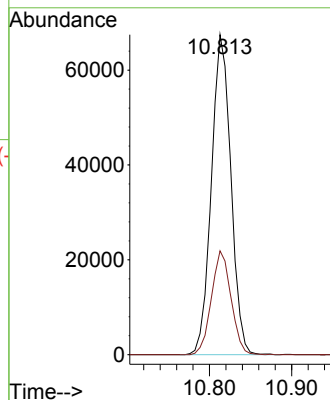
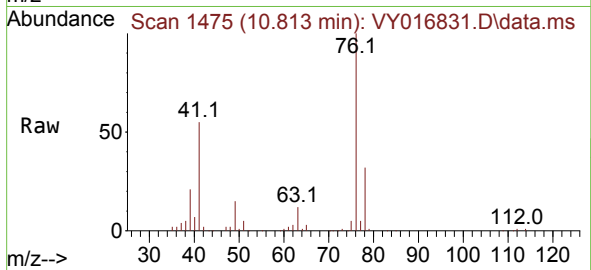
ClientSampleId :

Tgt Ion: 76 Resp: 111005

Ion Ratio Lower Upper

76 100

78 32.6 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 312.955 ug/l

RT: 9.807 min Scan# 1310

Delta R.T. 0.019 min

Lab File: VY016831.D

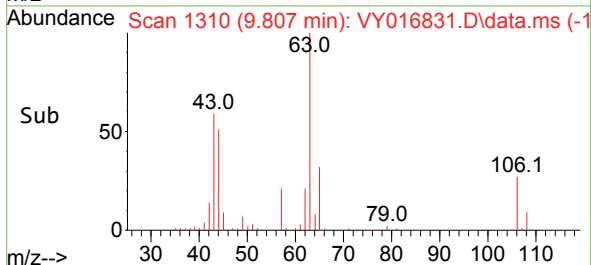
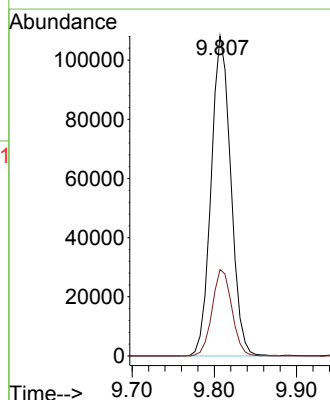
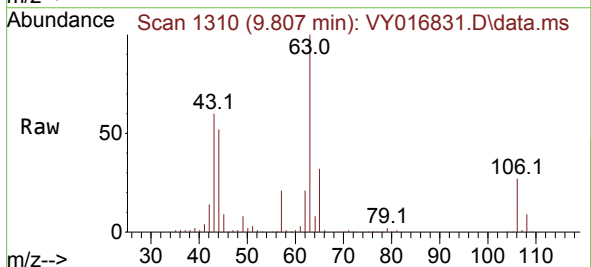
Acq: 23 Dec 2023 00:55

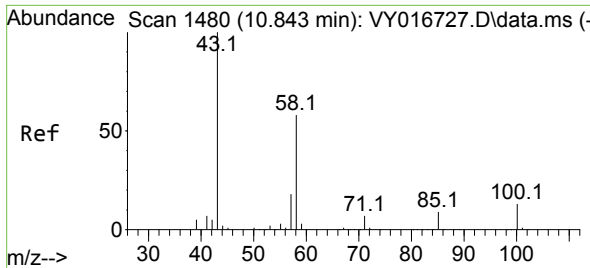
Tgt Ion: 63 Resp: 179809

Ion Ratio Lower Upper

63 100

106 26.9 22.4 33.6

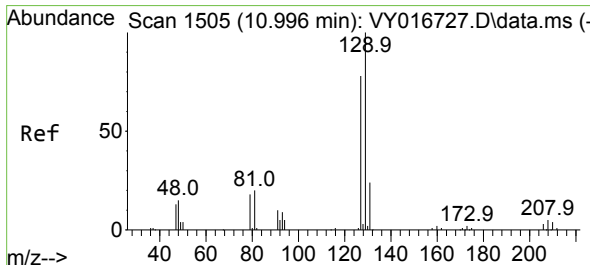
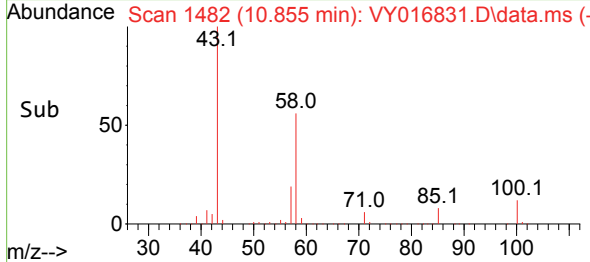
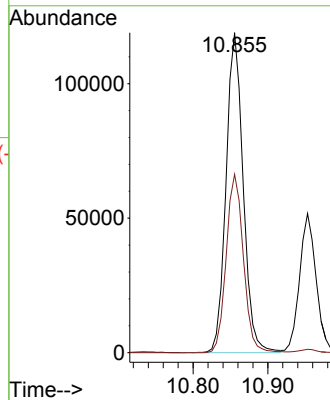
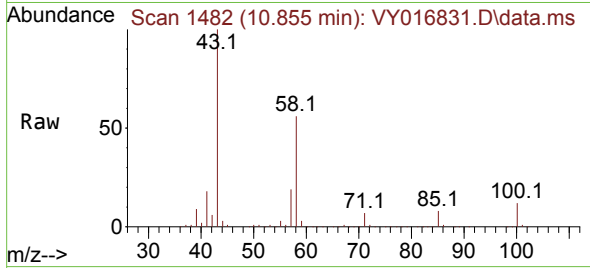




#59
2-Hexanone
Concen: 253.713 ug/l
RT: 10.855 min Scan# 1482
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

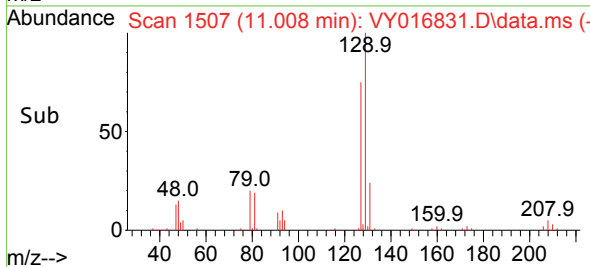
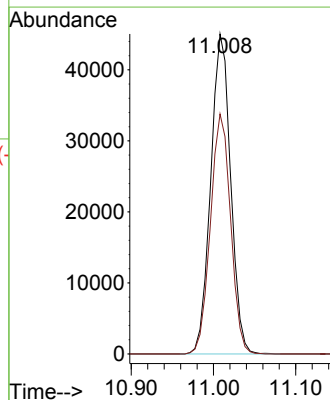
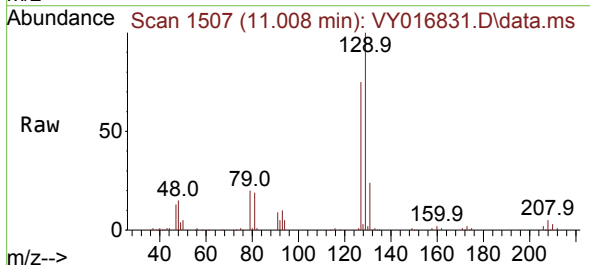
Instrument :
MSVOA_Y
ClientSampleId :

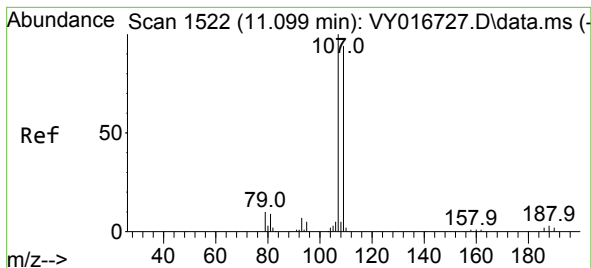
Tgt Ion: 43 Resp: 189428
Ion Ratio Lower Upper
43 100
58 56.0 28.1 84.3



#60
Dibromochloromethane
Concen: 53.953 ug/l
RT: 11.008 min Scan# 1507
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 129 Resp: 75806
Ion Ratio Lower Upper
129 100
127 75.8 39.2 117.6





#61

1,2-Dibromoethane

Concen: 54.235 ug/l

RT: 11.112 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

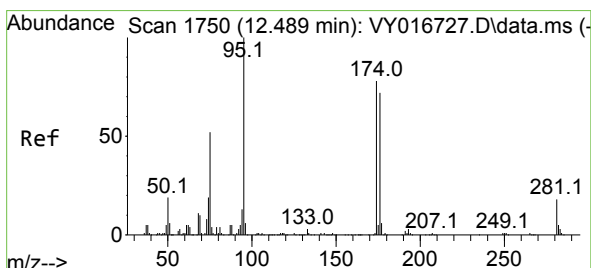
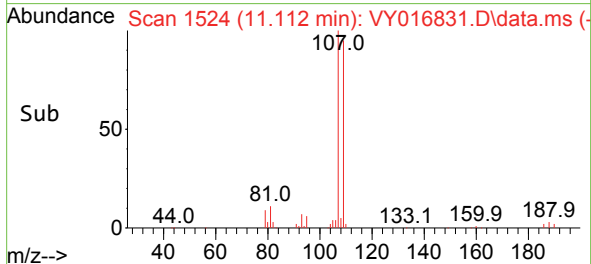
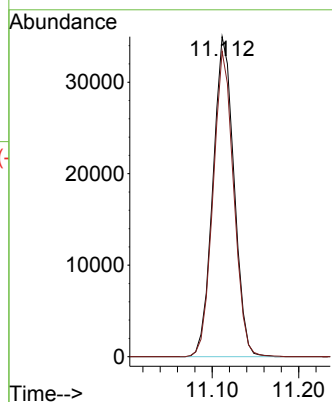
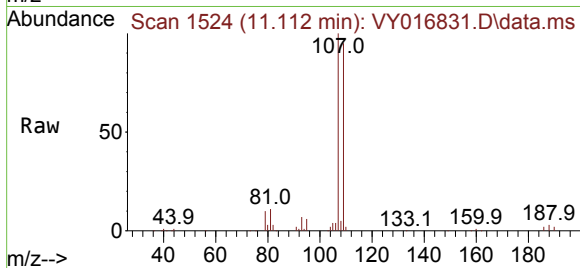
ClientSampleId :

Tgt Ion:107 Resp: 59075

Ion Ratio Lower Upper

107 100

109 93.4 75.4 113.2



#62

4-Bromofluorobenzene

Concen: 44.300 ug/l

RT: 12.502 min Scan# 1752

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

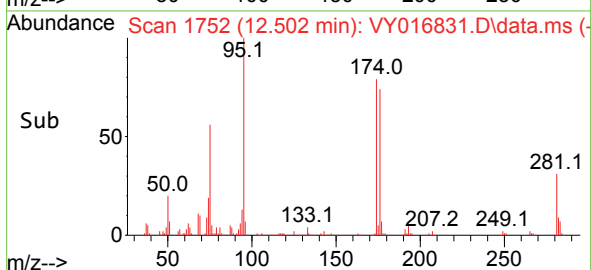
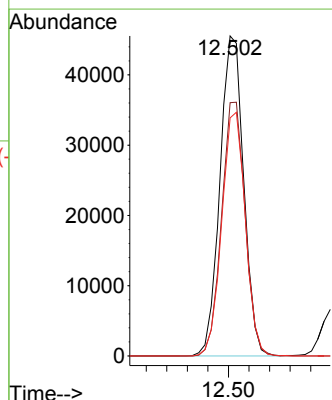
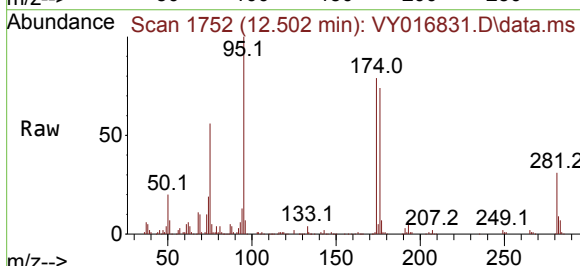
Tgt Ion: 95 Resp: 72955

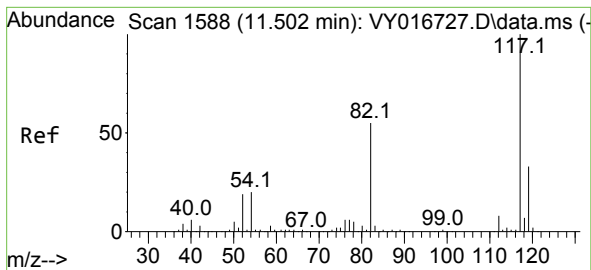
Ion Ratio Lower Upper

95 100

174 78.4 0.0 160.0

176 75.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

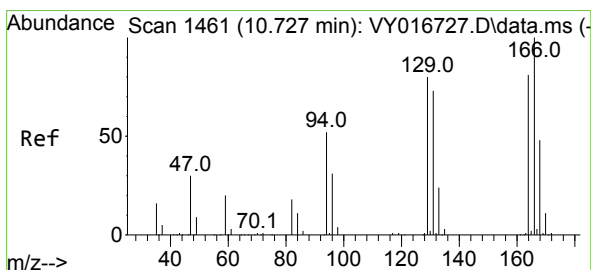
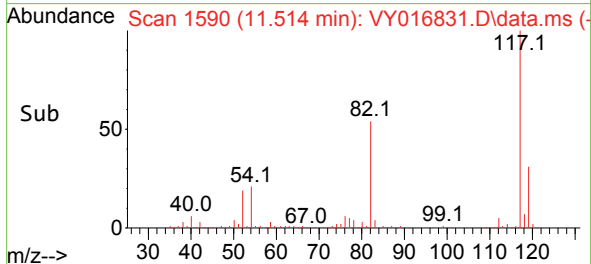
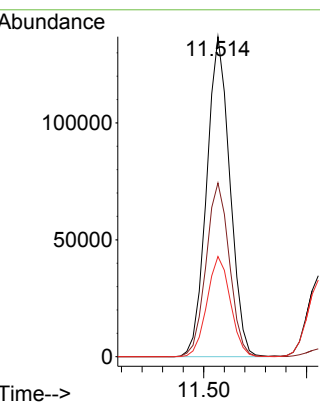
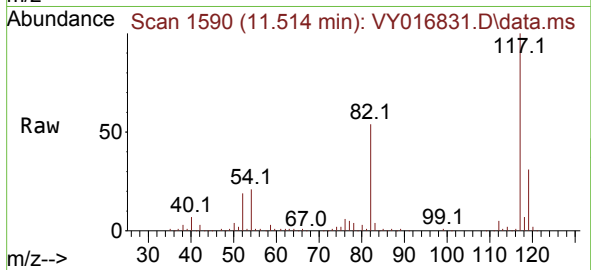
Tgt Ion:117 Resp: 214570

Ion Ratio Lower Upper

117 100

82 54.3 43.8 65.8

119 31.3 26.5 39.7



#64

Tetrachloroethene

Concen: 51.573 ug/l

RT: 10.746 min Scan# 1464

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Tgt Ion:164 Resp: 68742

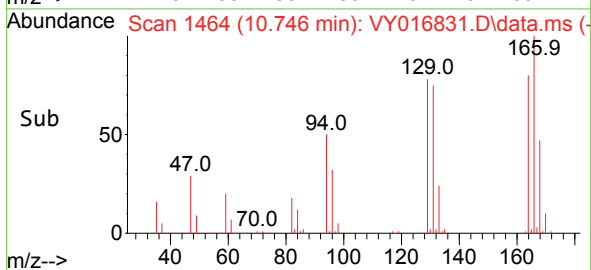
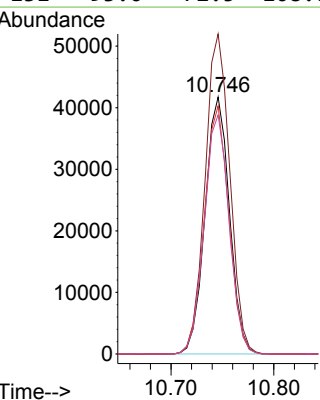
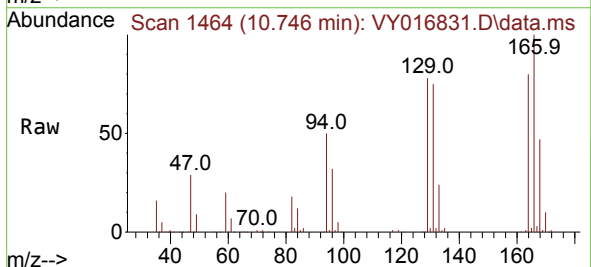
Ion Ratio Lower Upper

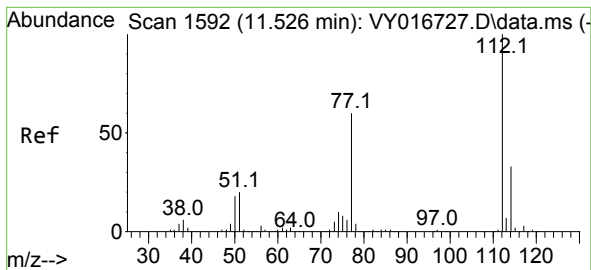
164 100

166 124.5 98.8 148.2

129 96.5 78.9 118.3

131 93.0 72.5 108.7

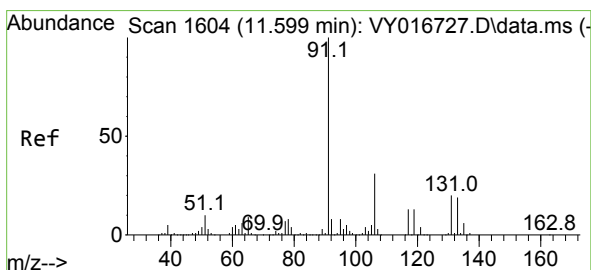
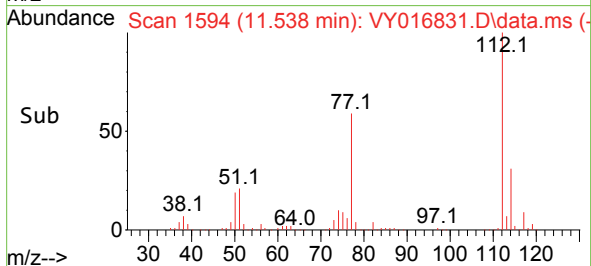
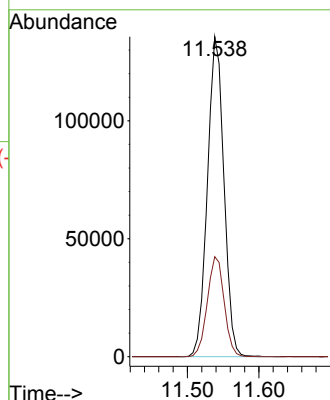
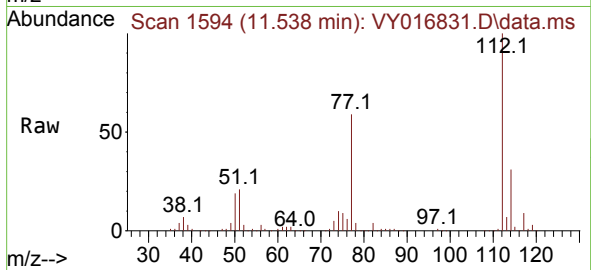




#65
Chlorobenzene
Concen: 51.584 ug/l
RT: 11.538 min Scan# 111
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

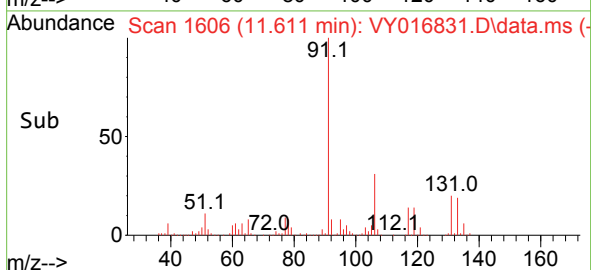
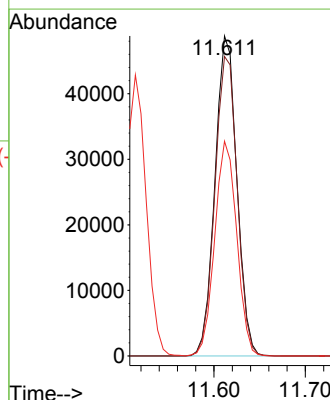
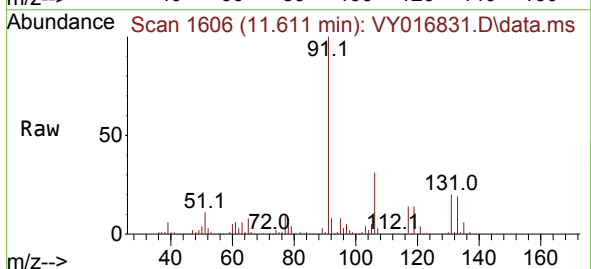
Instrument :
MSVOA_Y
ClientSampleId :

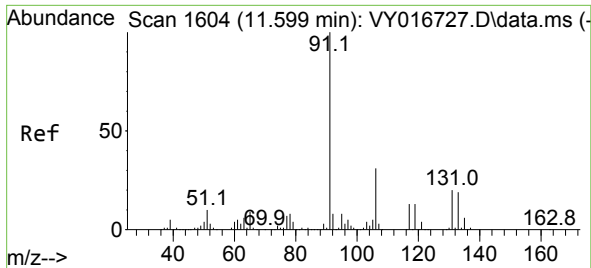
Tgt Ion:112 Resp: 217463
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 51.221 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion:131 Resp: 81245
Ion Ratio Lower Upper
131 100
133 95.4 47.0 141.0
119 67.6 33.3 99.9





#67

Ethyl Benzene

Concen: 52.461 ug/l

RT: 11.618 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

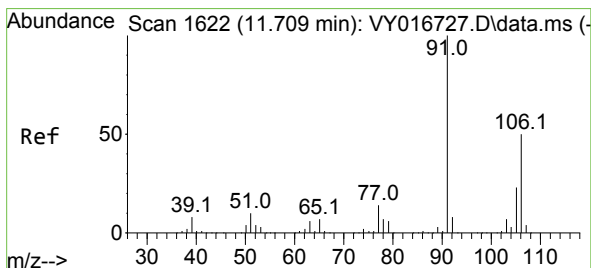
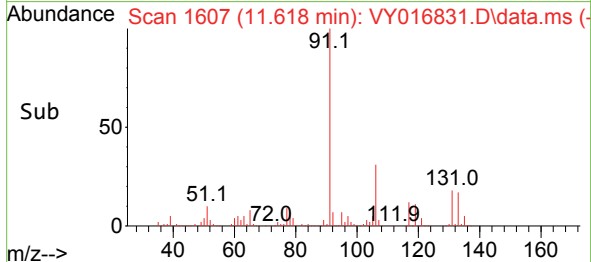
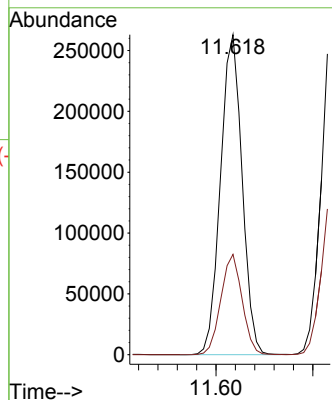
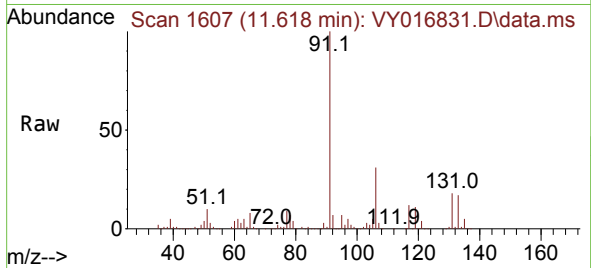
ClientSampleId :

Tgt Ion: 91 Resp: 407067

Ion Ratio Lower Upper

91 100

106 31.3 25.0 37.4



#68

m/p-Xylenes

Concen: 106.707 ug/l

RT: 11.727 min Scan# 1625

Delta R.T. 0.018 min

Lab File: VY016831.D

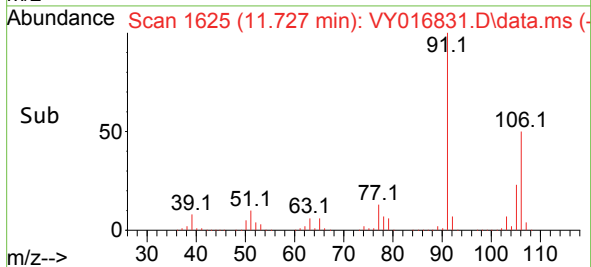
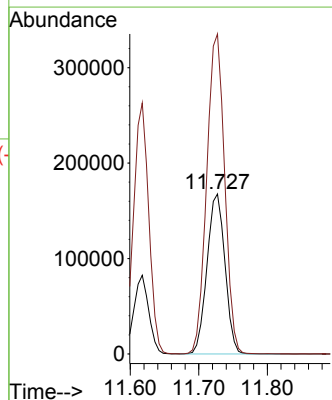
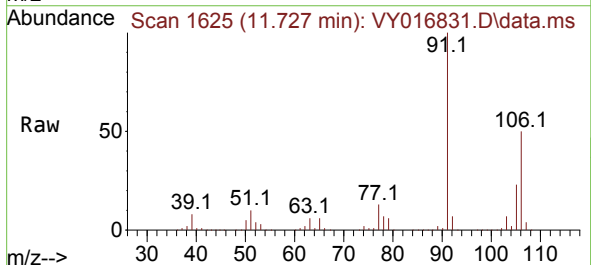
Acq: 23 Dec 2023 00:55

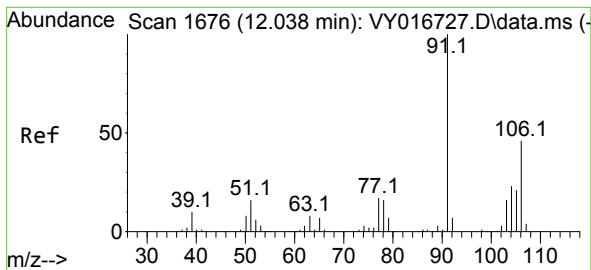
Tgt Ion:106 Resp: 305749

Ion Ratio Lower Upper

106 100

91 199.8 160.7 241.1





#69

o-Xylene

Concen: 53.278 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

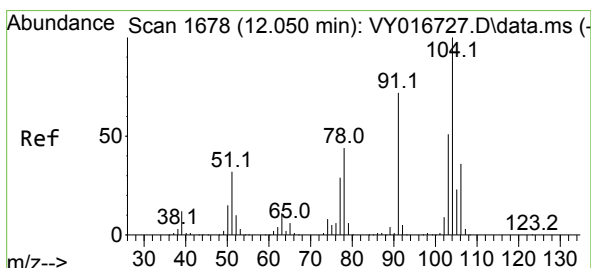
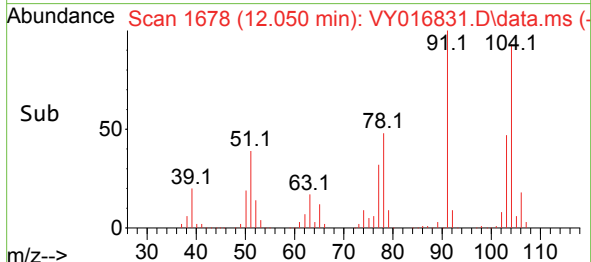
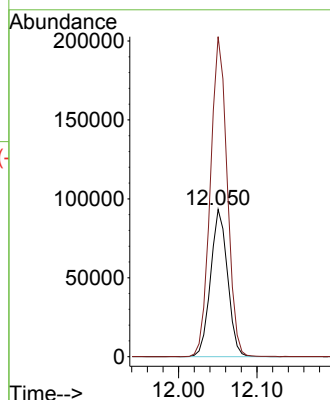
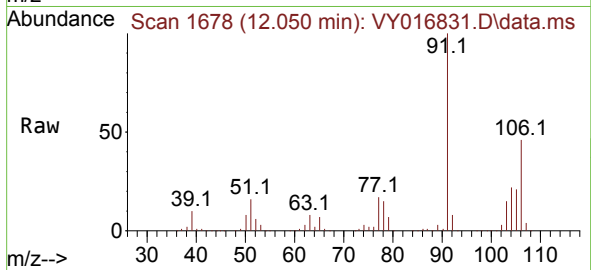
ClientSampleId :

Tgt Ion:106 Resp: 140050

Ion Ratio Lower Upper

106 100

91 215.9 106.5 319.5



#70

Styrene

Concen: 54.001 ug/l

RT: 12.069 min Scan# 1681

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

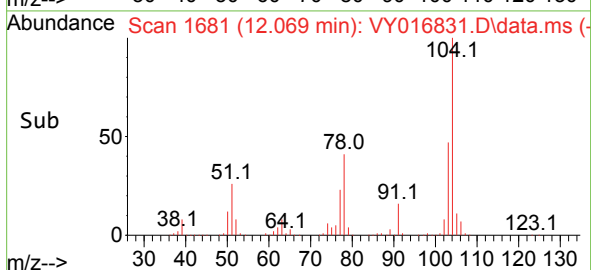
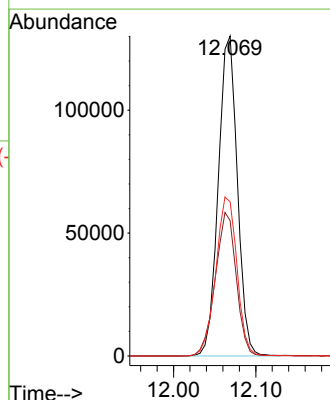
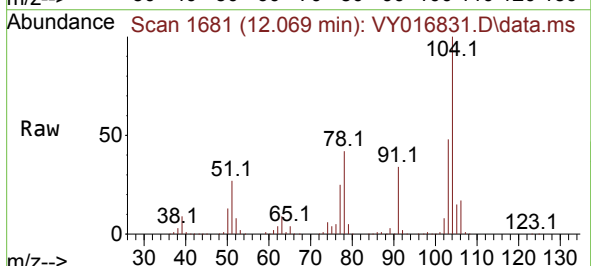
Tgt Ion:104 Resp: 210050

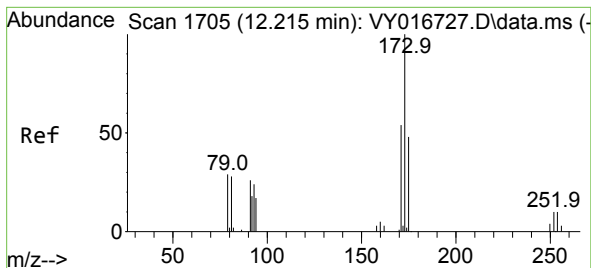
Ion Ratio Lower Upper

104 100

78 49.4 39.2 58.8

103 55.3 43.8 65.6





#71

Bromoform

Concen: 52.225 ug/l

RT: 12.233 min Scan# 1

Delta R.T. 0.018 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

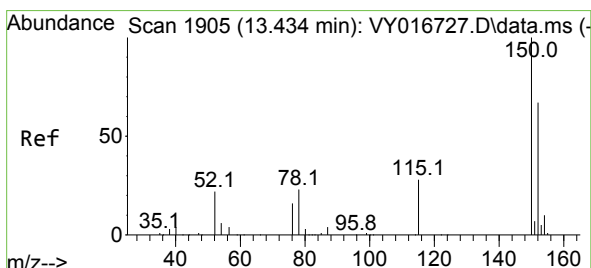
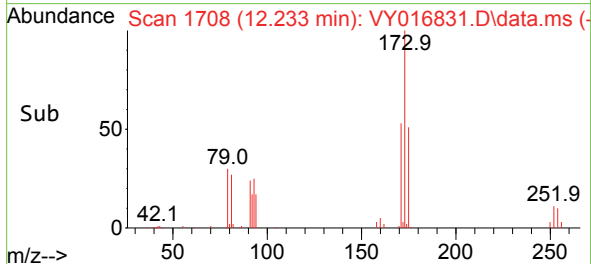
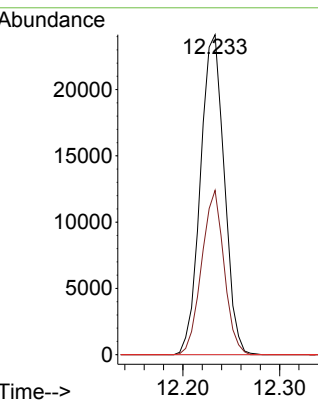
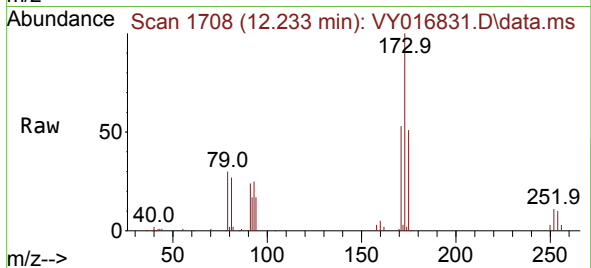
Tgt Ion:173 Resp: 41298

Ion Ratio Lower Upper

173 100

175 48.4 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

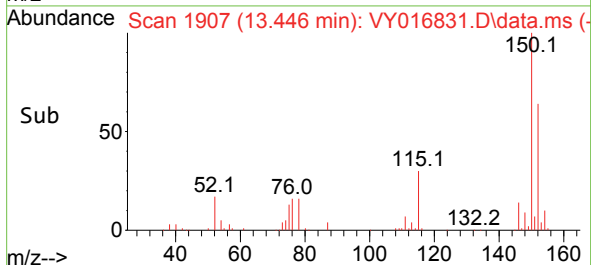
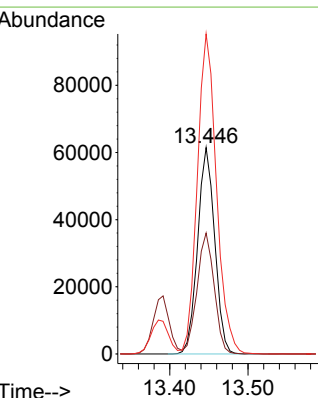
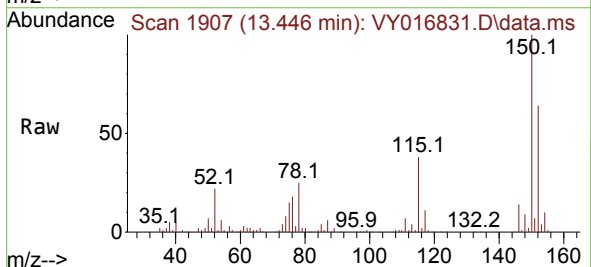
Tgt Ion:152 Resp: 93010

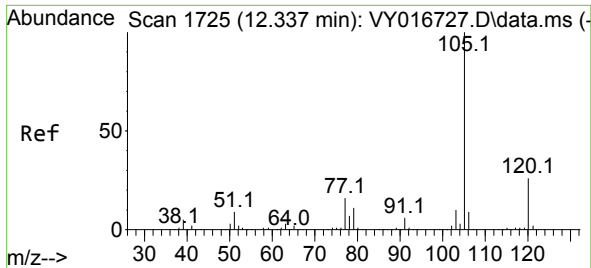
Ion Ratio Lower Upper

152 100

115 58.8 30.0 90.0

150 174.0 0.0 344.6

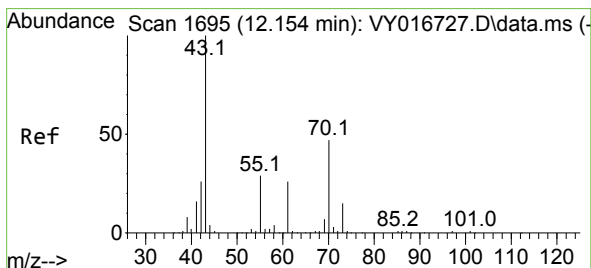
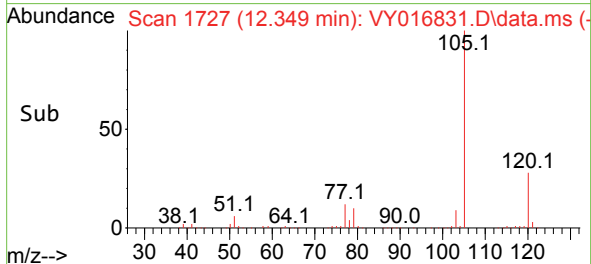
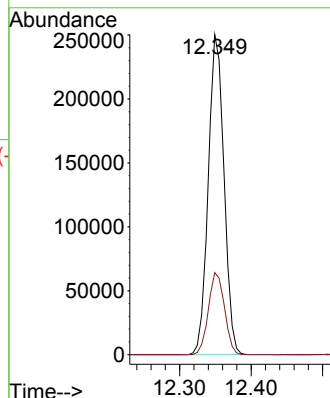
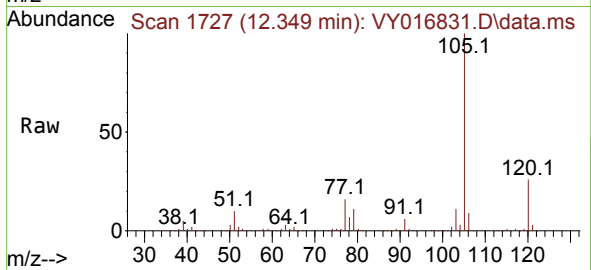




#73
Isopropylbenzene
Concen: 52.780 ug/l
RT: 12.349 min Scan# 1
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

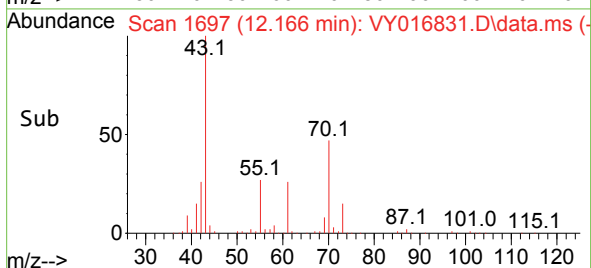
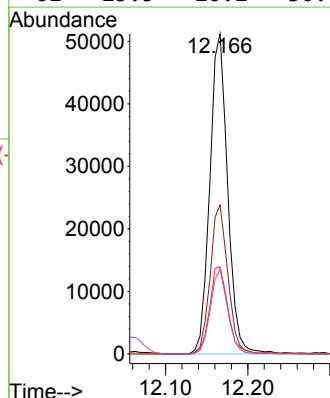
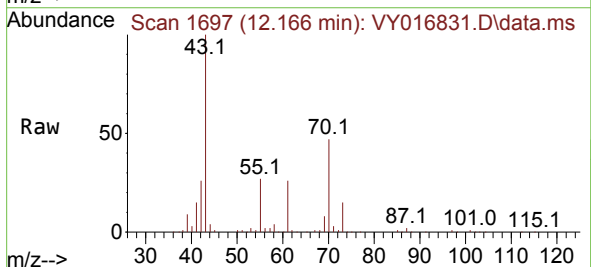
Instrument :
MSVOA_Y
ClientSampleId :

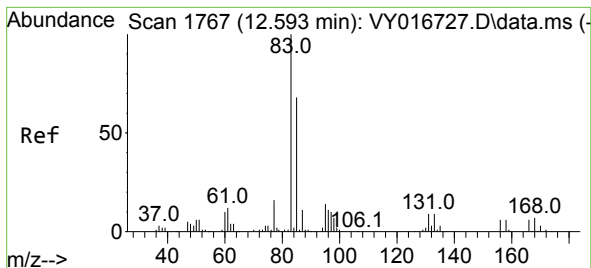
Tgt Ion:105 Resp: 382325
Ion Ratio Lower Upper
105 100
120 26.3 13.0 39.0



#74
N-ethyl acetate
Concen: 50.764 ug/l
RT: 12.166 min Scan# 1697
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 43 Resp: 77172
Ion Ratio Lower Upper
43 100
70 46.3 36.6 55.0
55 27.9 22.2 33.4
61 25.5 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 51.969 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

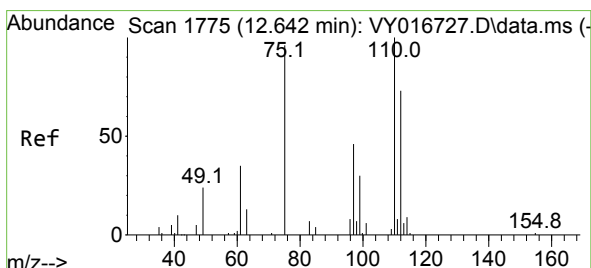
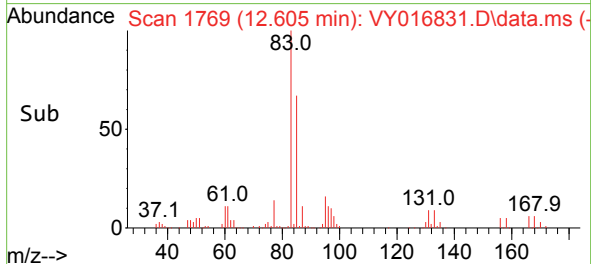
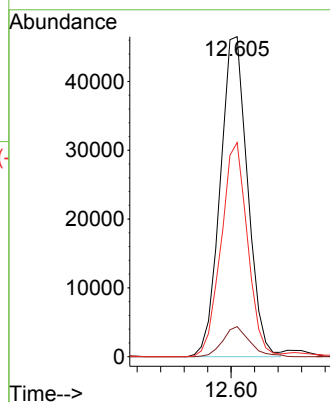
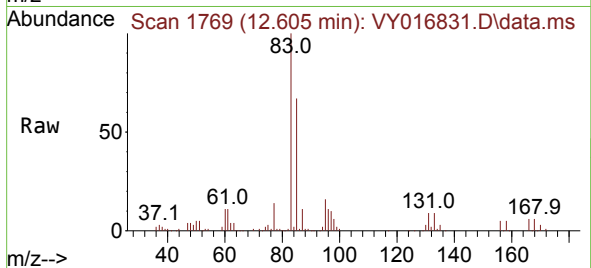
Tgt Ion: 83 Resp: 75227

Ion Ratio Lower Upper

83 100

131 9.3 4.9 14.6

85 64.6 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 87.471 ug/l

RT: 12.654 min Scan# 1777

Delta R.T. 0.012 min

Lab File: VY016831.D

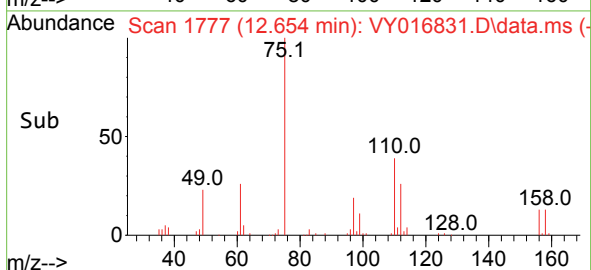
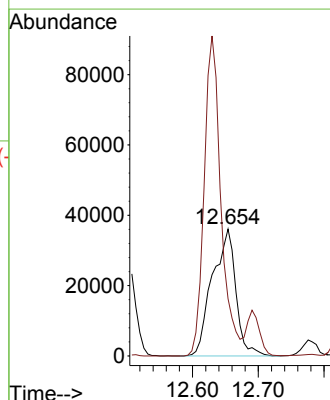
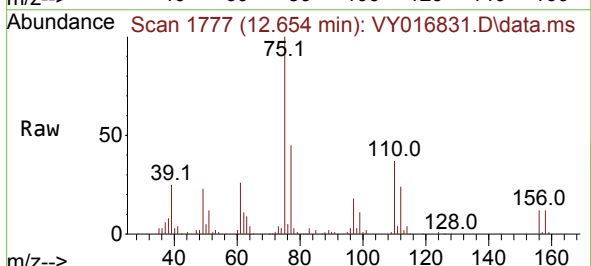
Acq: 23 Dec 2023 00:55

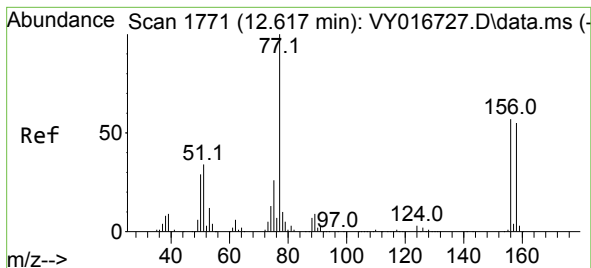
Tgt Ion: 75 Resp: 89936

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 51.371 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

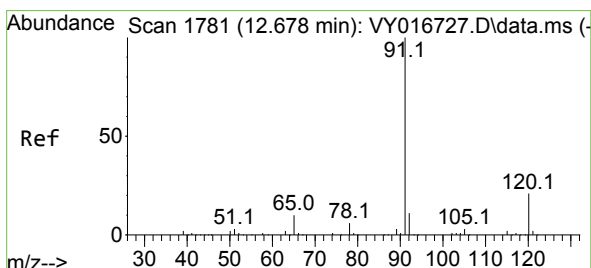
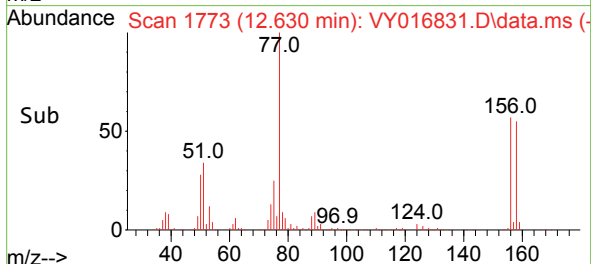
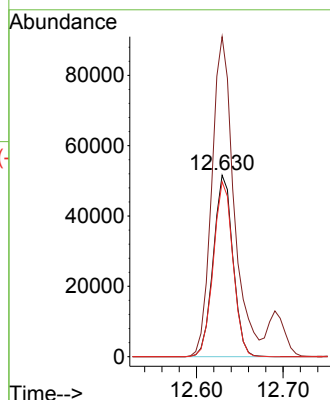
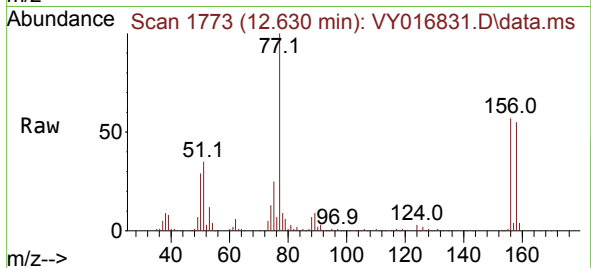
Tgt Ion:156 Resp: 81181

Ion Ratio Lower Upper

156 100

77 198.3 97.3 291.8

158 96.4 48.4 145.0



#78

n-propylbenzene

Concen: 52.529 ug/l

RT: 12.691 min Scan# 1783

Delta R.T. 0.012 min

Lab File: VY016831.D

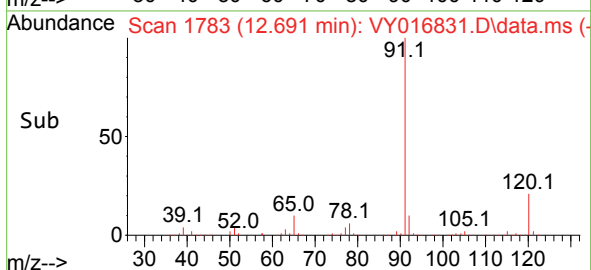
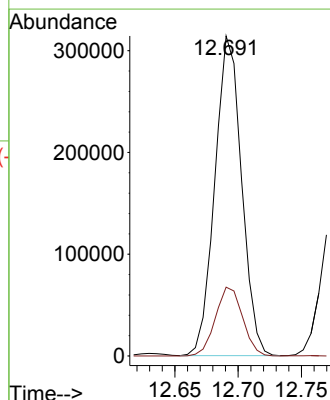
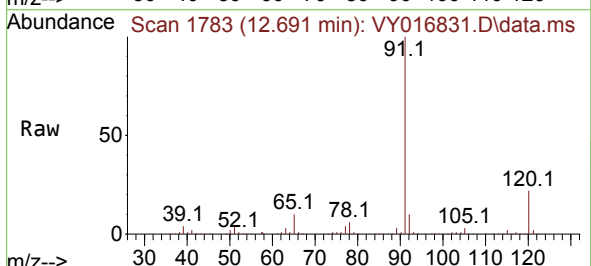
Acq: 23 Dec 2023 00:55

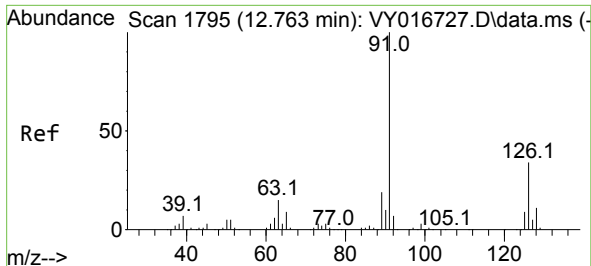
Tgt Ion: 91 Resp: 461016

Ion Ratio Lower Upper

91 100

120 21.9 11.0 33.0

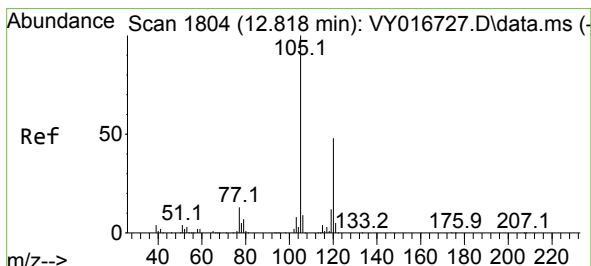
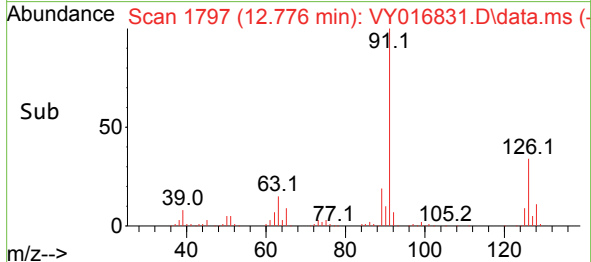
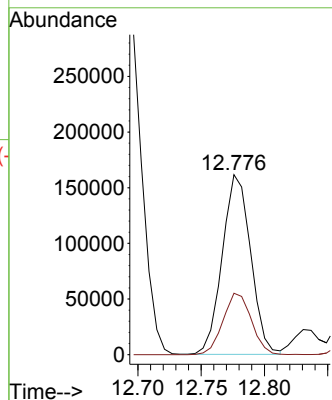
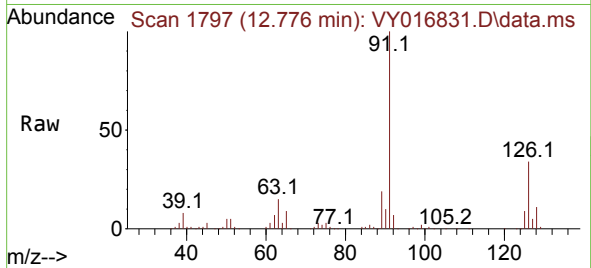




#79
2-Chlorotoluene
Concen: 52.070 ug/l
RT: 12.776 min Scan# 1797
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

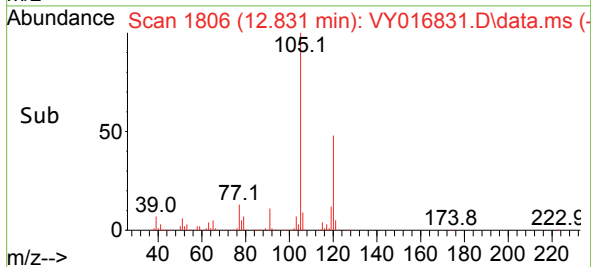
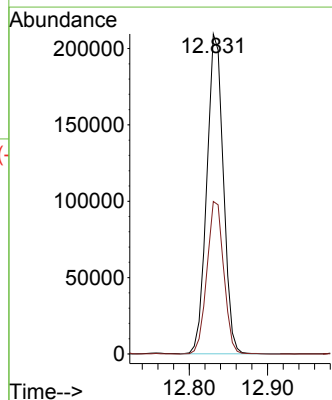
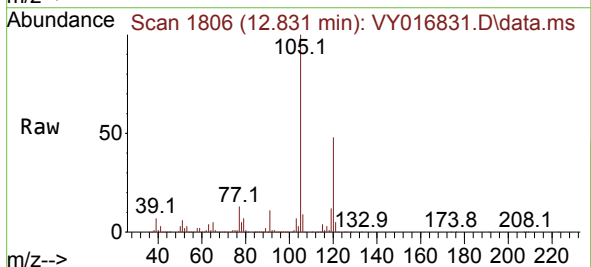
Instrument :
MSVOA_Y
ClientSampleId :

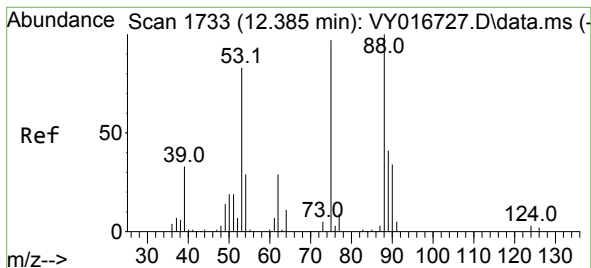
Tgt Ion: 91 Resp: 252872
Ion Ratio Lower Upper
91 100
126 34.2 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 53.367 ug/l
RT: 12.831 min Scan# 1806
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 105 Resp: 306009
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.8

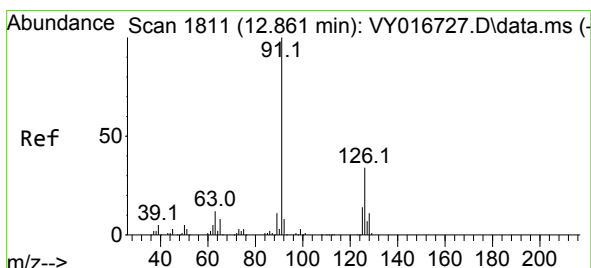
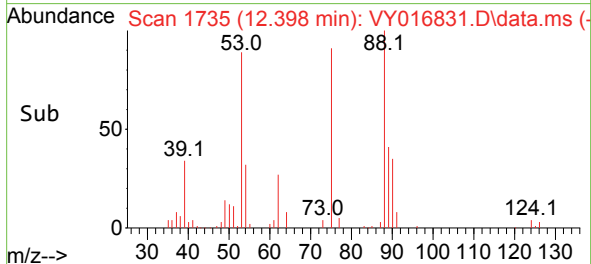
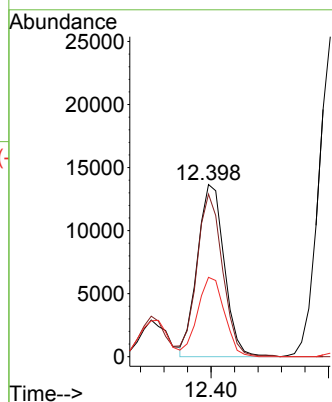
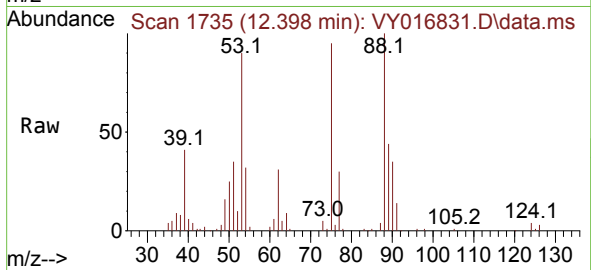




#81
trans-1,4-Dichloro-2-butene
Concen: 49.727 ug/l
RT: 12.398 min Scan# 1735
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

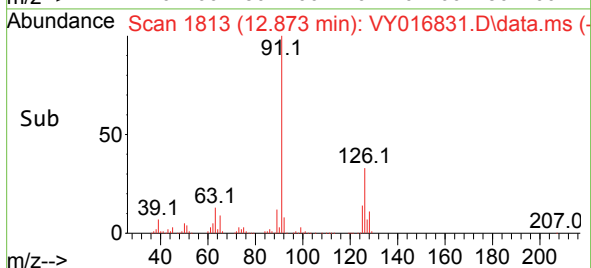
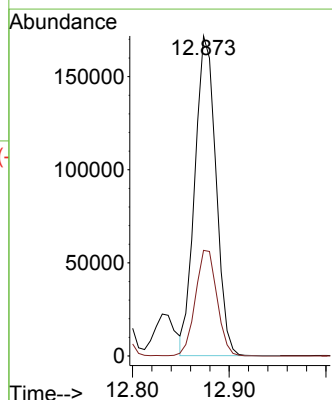
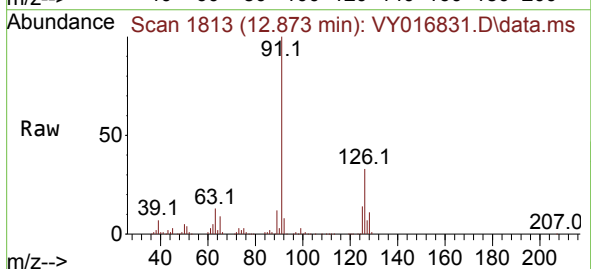
Instrument :
MSVOA_Y
ClientSampleId :

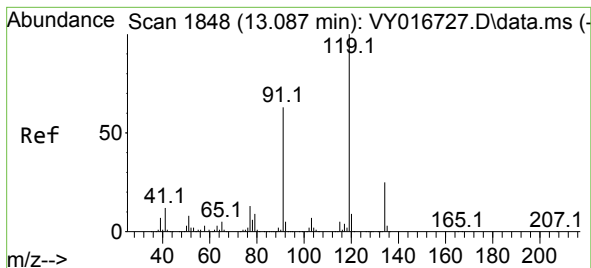
Tgt Ion: 75 Resp: 21771
Ion Ratio Lower Upper
75 100
53 91.5 74.0 111.0
89 46.0 36.5 54.7



#82
4-Chlorotoluene
Concen: 52.203 ug/l
RT: 12.873 min Scan# 1813
Delta R.T. 0.012 min
Lab File: VY016831.D
Acq: 23 Dec 2023 00:55

Tgt Ion: 91 Resp: 260082
Ion Ratio Lower Upper
91 100
126 34.0 17.1 51.2





#83

tert-Butylbenzene

Concen: 52.058 ug/l

RT: 13.093 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

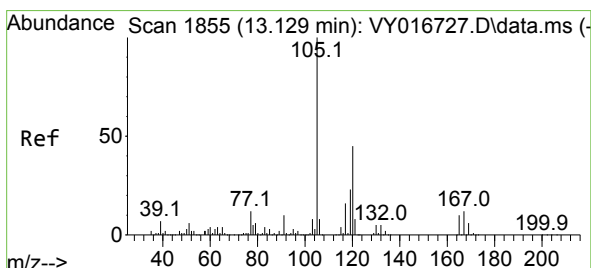
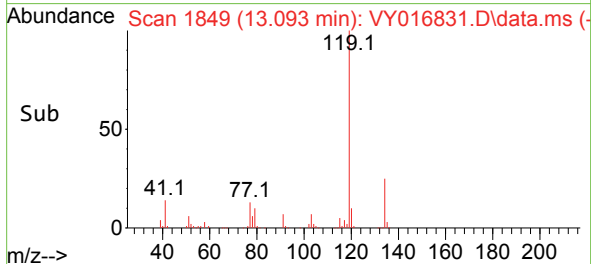
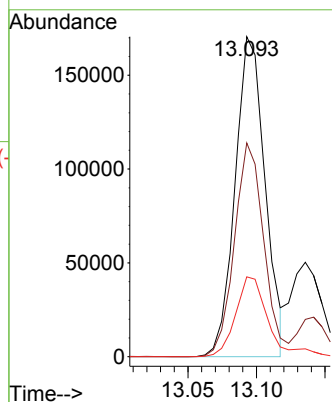
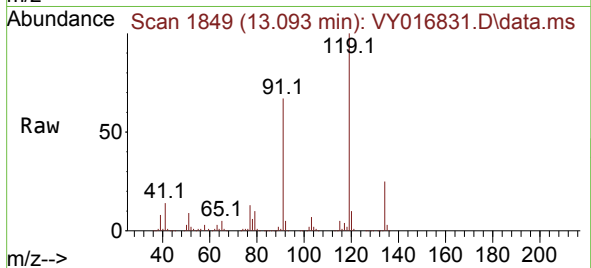
Tgt Ion:119 Resp: 259647

Ion Ratio Lower Upper

119 100

91 65.6 31.5 94.5

134 27.2 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 54.120 ug/l

RT: 13.142 min Scan# 1857

Delta R.T. 0.012 min

Lab File: VY016831.D

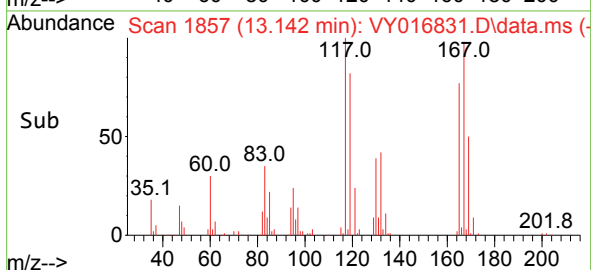
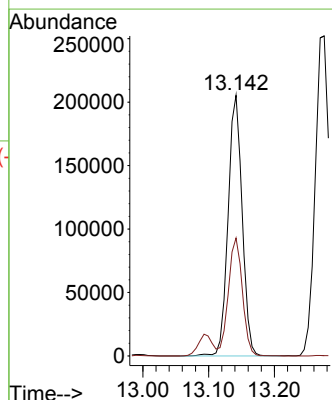
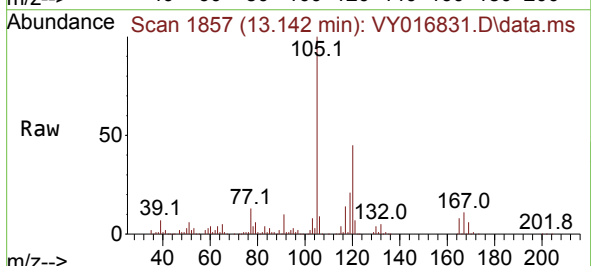
Acq: 23 Dec 2023 00:55

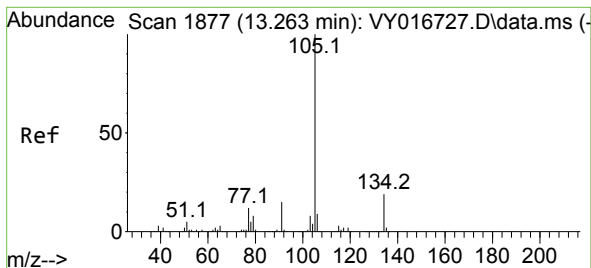
Tgt Ion:105 Resp: 306002

Ion Ratio Lower Upper

105 100

120 45.2 22.1 66.3





#85

sec-Butylbenzene

Concen: 52.146 ug/l

RT: 13.276 min Scan# 1879

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

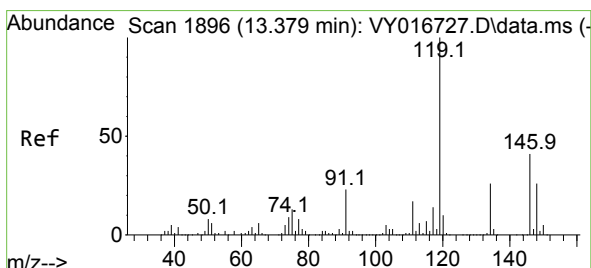
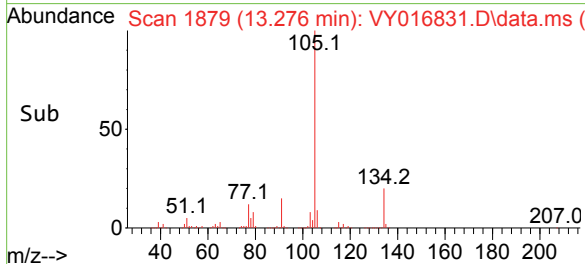
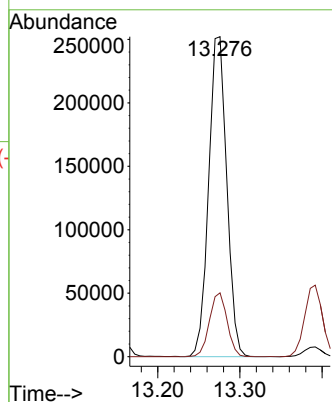
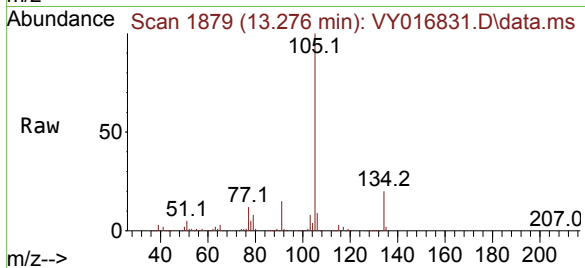
ClientSampleId :

Tgt Ion:105 Resp: 385234

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 52.435 ug/l

RT: 13.392 min Scan# 1898

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

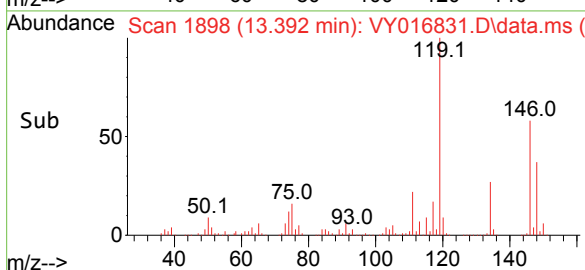
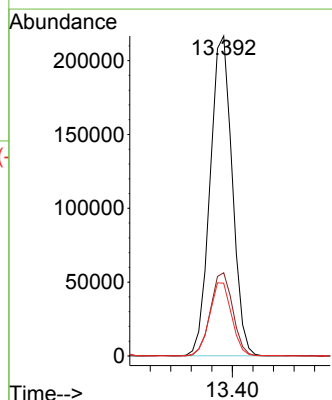
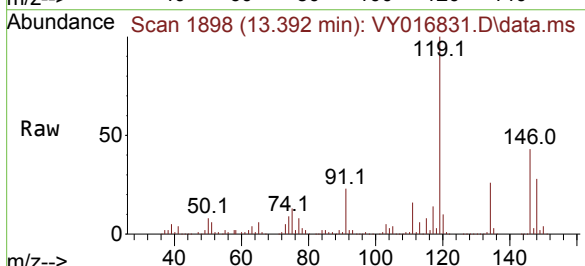
Tgt Ion:119 Resp: 322598

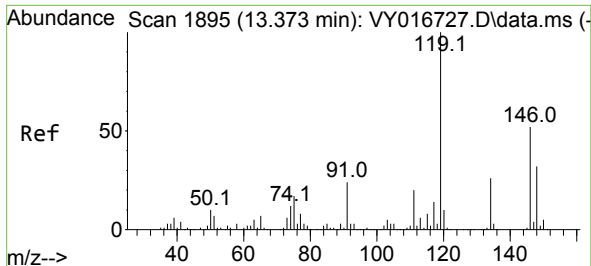
Ion Ratio Lower Upper

119 100

134 26.2 13.1 39.1

91 22.9 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 51.216 ug/l

RT: 13.386 min Scan# 11

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

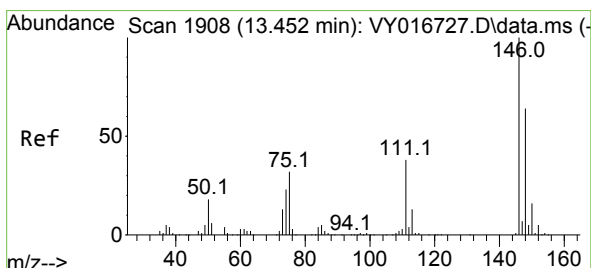
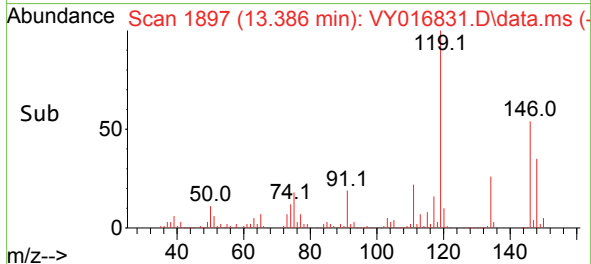
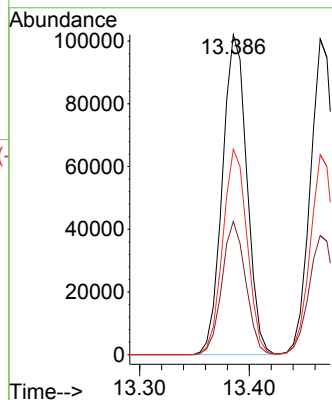
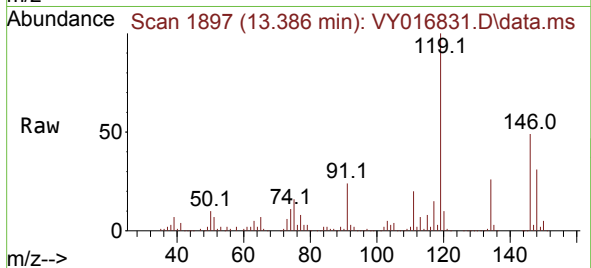
Tgt Ion:146 Resp: 158171

Ion Ratio Lower Upper

146 100

111 40.4 20.2 60.5

148 63.8 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 51.366 ug/l

RT: 13.465 min Scan# 1910

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

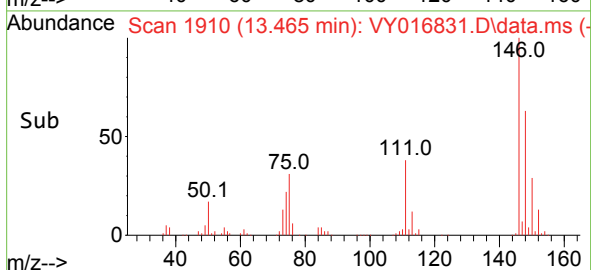
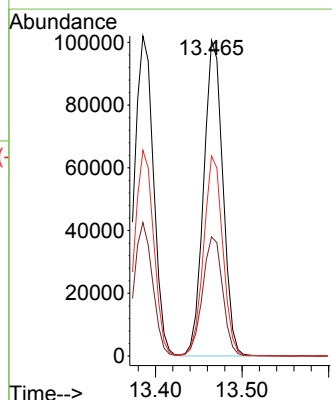
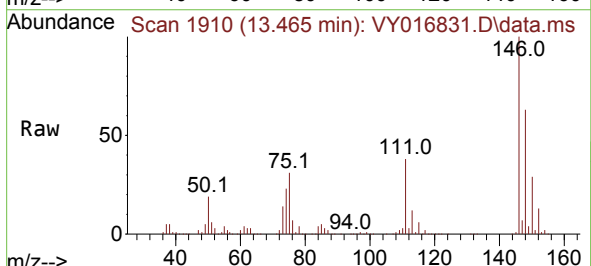
Tgt Ion:146 Resp: 154899

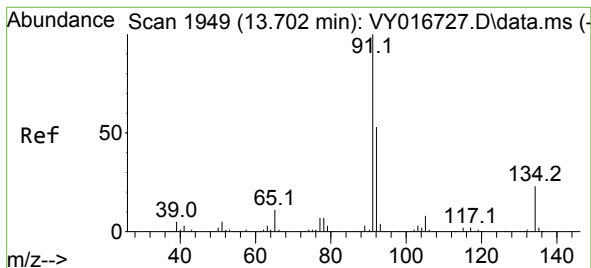
Ion Ratio Lower Upper

146 100

111 39.5 19.3 57.9

148 63.3 31.6 94.7





#89

n-Butylbenzene

Concen: 52.345 ug/l

RT: 13.715 min Scan# 1949

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

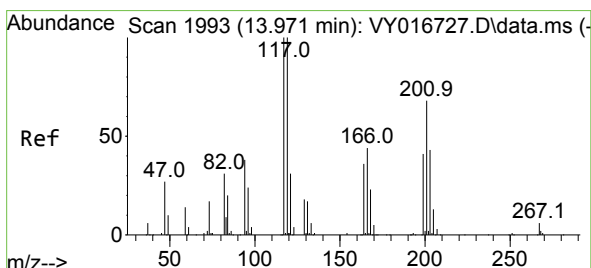
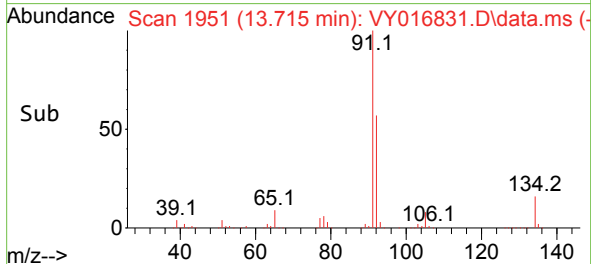
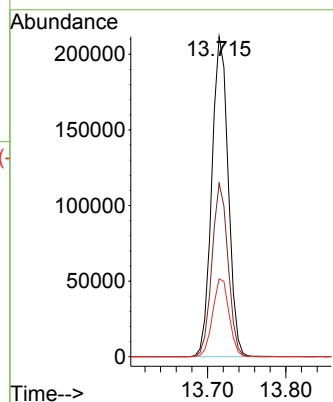
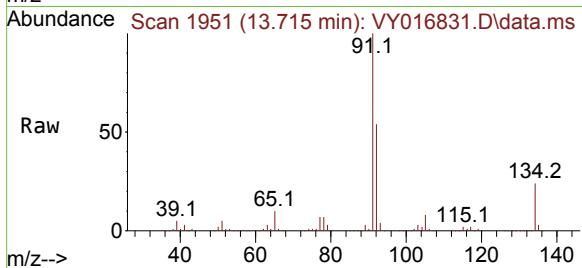
Tgt Ion: 91 Resp: 307851

Ion Ratio Lower Upper

91 100

92 52.9 26.4 79.2

134 24.4 12.3 36.8



#90

Hexachloroethane

Concen: 51.740 ug/l

RT: 13.983 min Scan# 1995

Delta R.T. 0.012 min

Lab File: VY016831.D

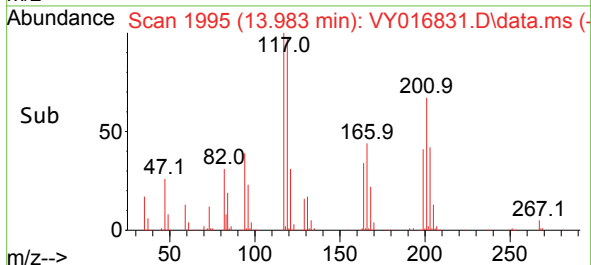
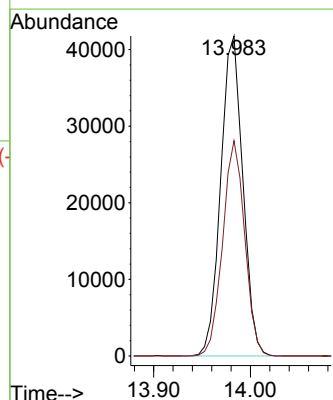
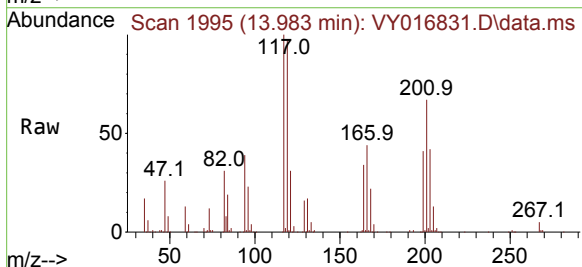
Acq: 23 Dec 2023 00:55

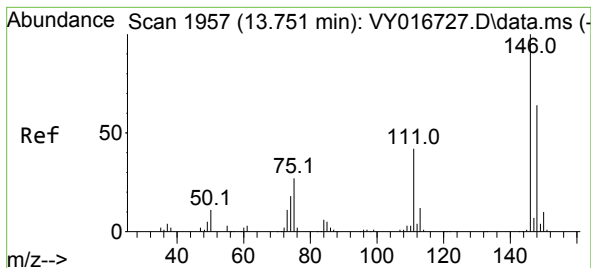
Tgt Ion: 117 Resp: 66284

Ion Ratio Lower Upper

117 100

201 66.9 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 52.263 ug/l

RT: 13.757 min Scan# 1957

Delta R.T. 0.006 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

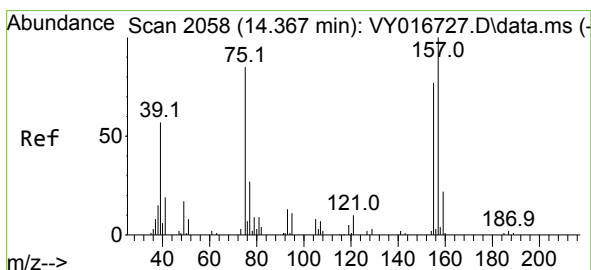
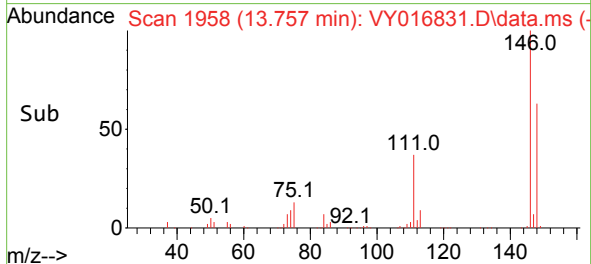
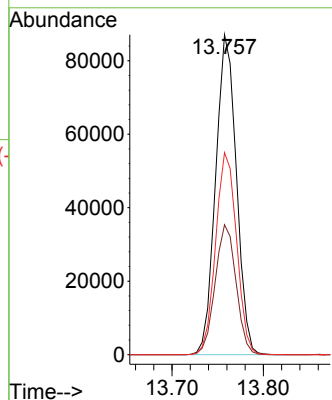
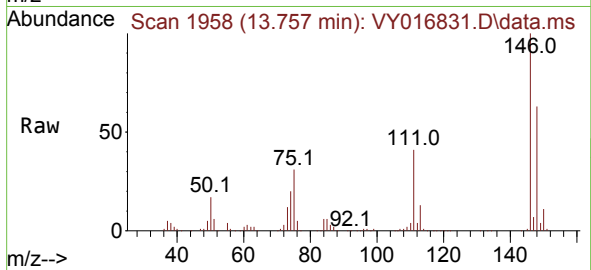
Tgt Ion:146 Resp: 137502

Ion Ratio Lower Upper

146 100

111 41.0 20.5 61.6

148 63.8 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.826 ug/l

RT: 14.373 min Scan# 2059

Delta R.T. 0.006 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

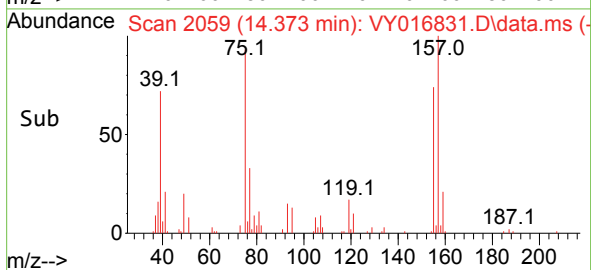
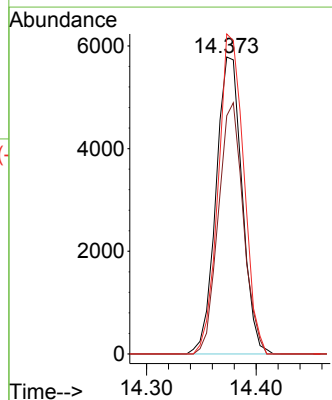
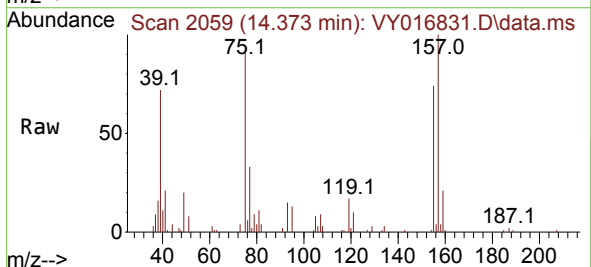
Tgt Ion: 75 Resp: 9537

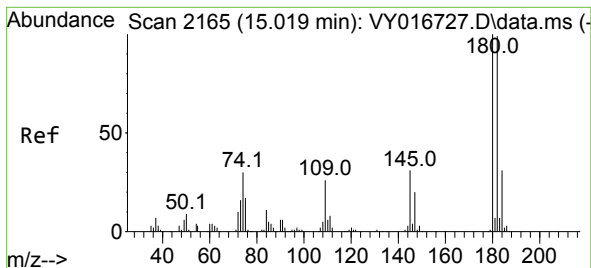
Ion Ratio Lower Upper

75 100

155 81.1 42.1 126.3

157 105.6 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 50.698 ug/l

RT: 15.025 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

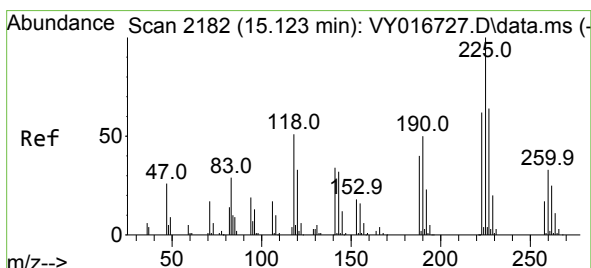
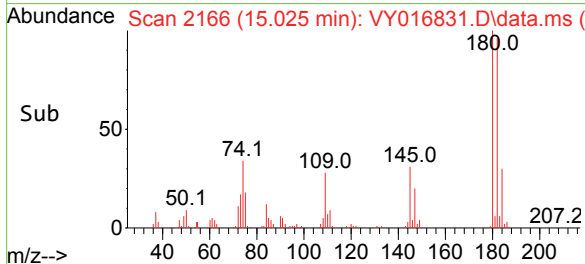
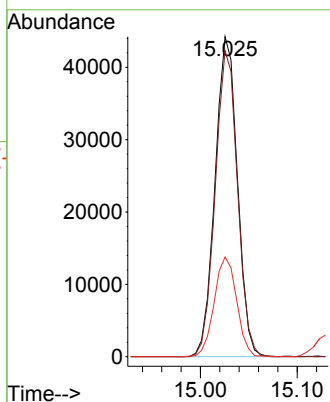
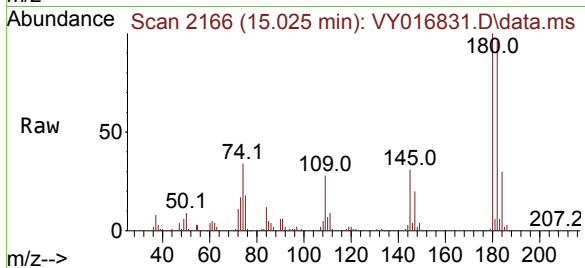
Tgt Ion:180 Resp: 70776

Ion Ratio Lower Upper

180 100

182 95.2 47.9 143.7

145 31.3 15.9 47.7



#94

Hexachlorobutadiene

Concen: 50.594 ug/l

RT: 15.129 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

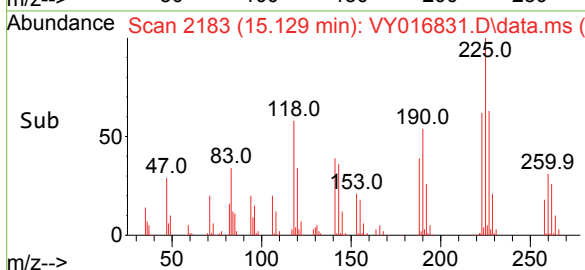
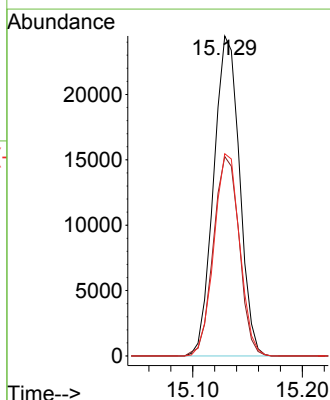
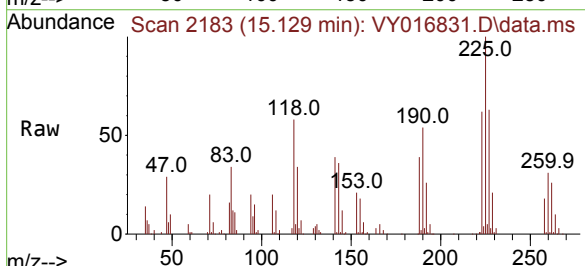
Tgt Ion:225 Resp: 40117

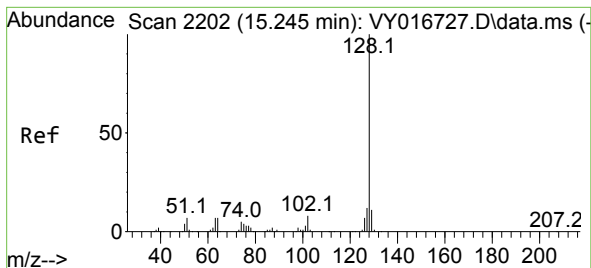
Ion Ratio Lower Upper

225 100

223 62.2 31.4 94.3

227 62.7 32.3 96.8





#95

Naphthalene

Concen: 47.203 ug/l

RT: 15.257 min Scan# 2204

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Instrument :

MSVOA_Y

ClientSampleId :

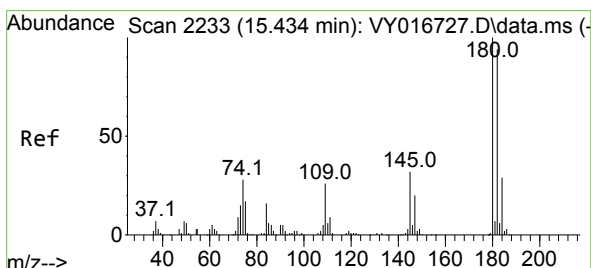
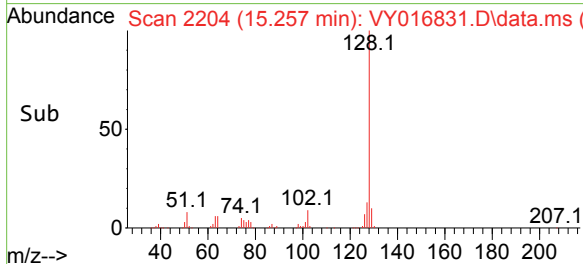
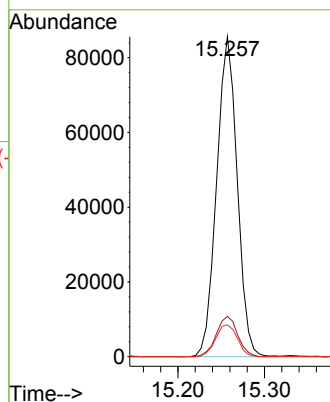
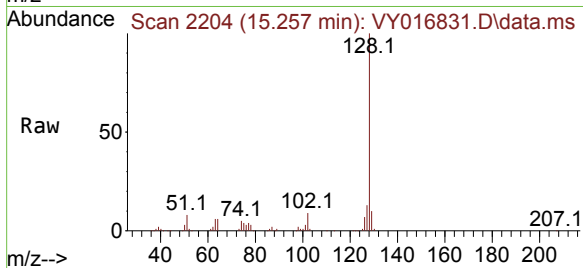
Tgt Ion:128 Resp: 141205

Ion Ratio Lower Upper

128 100

127 13.1 10.2 15.4

129 10.5 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 52.150 ug/l

RT: 15.446 min Scan# 2235

Delta R.T. 0.012 min

Lab File: VY016831.D

Acq: 23 Dec 2023 00:55

Tgt Ion:180 Resp: 62004

Ion Ratio Lower Upper

180 100

182 94.0 46.3 138.8

145 32.1 16.1 48.2

