

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112023\
 Data File : VY016429.D
 Acq On : 20 Nov 2023 17:22
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 21 05:16:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	150895	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	246632	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	214883	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	99695	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	70782	51.324	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 102.640%	
35) Dibromofluoromethane	7.734	113	77898	55.601	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.200%	
50) Toluene-d8	10.191	98	293528	51.664	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 103.320%	
62) 4-Bromofluorobenzene	12.495	95	95206	51.595	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.200%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	65490	44.324	ug/l	99
3) Chloromethane	2.125	50	75433	43.593	ug/l	100
4) Vinyl Chloride	2.259	62	82144	44.147	ug/l	94
5) Bromomethane	2.662	94	52869	43.235	ug/l	96
6) Chloroethane	2.808	64	54059	45.531	ug/l	93
7) Trichlorofluoromethane	3.143	101	136822	50.542	ug/l	99
8) Diethyl Ether	3.546	74	40418	49.955	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.918	101	80926	49.633	ug/l	96
10) Methyl Iodide	4.113	142	96009	54.521	ug/l	97
11) Tert butyl alcohol	4.966	59	23133	214.202	ug/l #	82
12) 1,1-Dichloroethene	3.887	96	76953	50.466	ug/l	87
13) Acrolein	3.741	56	26739	205.270	ug/l	100
14) Allyl chloride	4.503	41	104844	48.452	ug/l #	90
15) Acrylonitrile	5.186	53	78730	245.200	ug/l	97
16) Acetone	3.960	43	59518	260.902	ug/l #	84
17) Carbon Disulfide	4.216	76	214052	46.525	ug/l	99
18) Methyl Acetate	4.497	43	73779	60.865	ug/l #	87
19) Methyl tert-butyl Ether	5.247	73	186480	50.528	ug/l	100
20) Methylene Chloride	4.741	84	121755	77.463	ug/l	85
21) trans-1,2-Dichloroethene	5.241	96	89381	50.910	ug/l	89
22) Diisopropyl ether	6.143	45	230304	49.386	ug/l #	85
23) Vinyl Acetate	6.082	43	488485	216.180	ug/l #	92
24) 1,1-Dichloroethane	6.045	63	148605	51.654	ug/l	96
25) 2-Butanone	7.009	43	91293	228.478	ug/l #	85
26) 2,2-Dichloropropane	7.003	77	133111	50.837	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	101194	53.483	ug/l	89
28) Bromochloromethane	7.356	49	53986	50.703	ug/l #	80
29) Tetrahydrofuran	7.368	42	59396	224.897	ug/l #	84
30) Chloroform	7.527	83	161593	53.962	ug/l	97
31) Cyclohexane	7.807	56	121308	44.677	ug/l	90
32) 1,1,1-Trichloroethane	7.722	97	146908	53.518	ug/l	96
36) 1,1-Dichloropropene	7.935	75	118241	48.604	ug/l	98
37) Ethyl Acetate	7.094	43	41341	42.058	ug/l #	94
38) Carbon Tetrachloride	7.923	117	132950	52.657	ug/l	97
39) Methylcyclohexane	9.197	83	143598	47.371	ug/l	91
40) Benzene	8.179	78	348845	51.039	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.368	41	57415	115.845	ug/l #	17
42) 1,2-Dichloroethane	8.252	62	90053	50.850	ug/l	93
43) Isopropyl Acetate	8.289	43	80995	42.628	ug/l #	85
44) Trichloroethene	8.953	130	101389	51.615	ug/l	96
45) 1,2-Dichloropropane	9.228	63	82495	50.257	ug/l	98
46) Dibromomethane	9.319	93	44910	50.488	ug/l	99
47) Bromodichloromethane	9.508	83	120670	52.767	ug/l	99
48) Methyl methacrylate	9.307	41	48136	45.840	ug/l #	83
49) 1,4-Dioxane	9.313	88	9468	1002.596	ug/l #	59
51) 4-Methyl-2-Pentanone	10.081	43	213560	222.273	ug/l	88
52) Toluene	10.258	92	223006	51.615	ug/l	95
53) t-1,3-Dichloropropene	10.478	75	112966	50.956	ug/l	100
54) cis-1,3-Dichloropropene	9.941	75	135414	51.141	ug/l #	87
55) 1,1,2-Trichloroethane	10.660	97	64170	52.340	ug/l	96
56) Ethyl methacrylate	10.520	69	57584	49.756	ug/l #	79
57) 1,3-Dichloropropane	10.801	76	106170	50.803	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	188834	240.630	ug/l	91
59) 2-Hexanone	10.843	43	147437	206.302	ug/l	85
60) Dibromochloromethane	10.996	129	81913	53.422	ug/l	99
61) 1,2-Dibromoethane	11.099	107	58944	50.464	ug/l	100
64) Tetrachloroethene	10.734	164	101543	52.628	ug/l	98
65) Chlorobenzene	11.526	112	240136	52.305	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	91522	54.049	ug/l	99
67) Ethyl Benzene	11.605	91	428111	51.887	ug/l	99
68) m/p-Xylenes	11.715	106	326776	104.419	ug/l	94
69) o-Xylene	12.044	106	155961	53.676	ug/l	95
70) Styrene	12.057	104	226146	54.356	ug/l	97
71) Bromoform	12.221	173	47067	53.568	ug/l #	99
73) Isopropylbenzene	12.343	105	416114	51.543	ug/l	99
74) N-amyl acetate	12.154	43	64785	39.951	ug/l #	84
75) 1,1,2,2-Tetrachloroethane	12.593	83	62608	48.329	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	83703	87.522	ug/l #	100
77) Bromobenzene	12.623	156	95564	52.375	ug/l	92
78) n-propylbenzene	12.684	91	481576	50.476	ug/l	98
79) 2-Chlorotoluene	12.770	91	269017	51.165	ug/l	98
80) 1,3,5-Trimethylbenzene	12.825	105	339030	52.087	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	20916	47.471	ug/l	90
82) 4-Chlorotoluene	12.867	91	275975	50.796	ug/l	98
83) tert-Butylbenzene	13.087	119	297458	51.884	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	330364	51.547	ug/l	98
85) sec-Butylbenzene	13.264	105	420593	51.351	ug/l	99
86) p-Isopropyltoluene	13.379	119	364092	51.625	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	181106	51.592	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	176513	51.452	ug/l	100
89) n-Butylbenzene	13.709	91	325344	49.952	ug/l	96
90) Hexachloroethane	13.971	117	70368	51.723	ug/l	94
91) 1,2-Dichlorobenzene	13.751	146	156836	52.139	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9157	44.429	ug/l	84
93) 1,2,4-Trichlorobenzene	15.019	180	90025	51.273	ug/l	98
94) Hexachlorobutadiene	15.123	225	52705	52.396	ug/l	99
95) Naphthalene	15.245	128	160773	51.197	ug/l	99
96) 1,2,3-Trichlorobenzene	15.434	180	74988	51.636	ug/l	98

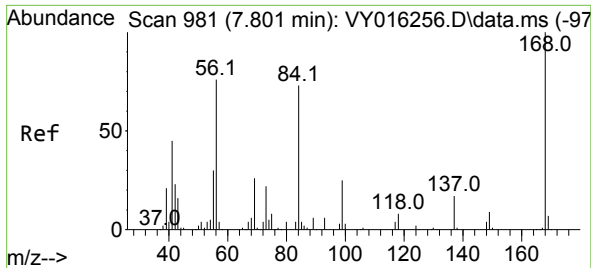
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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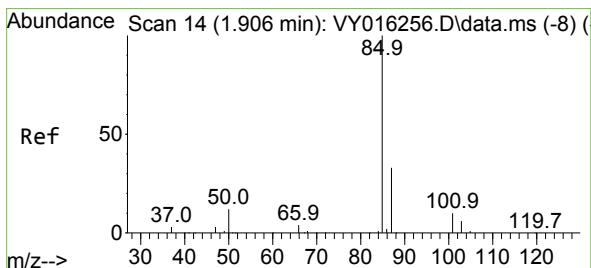
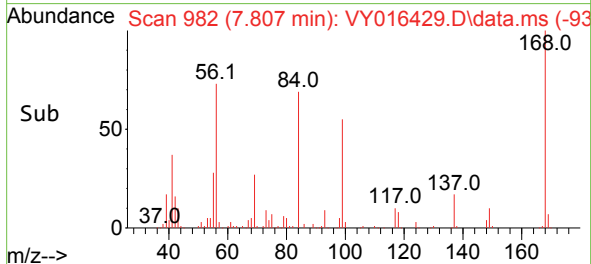
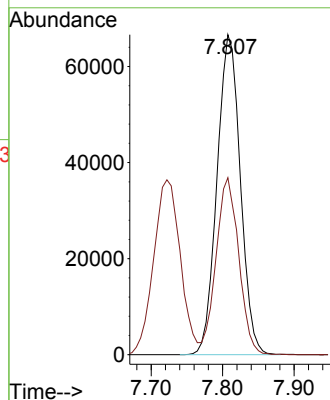
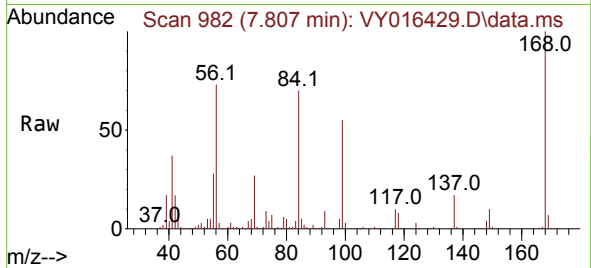
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

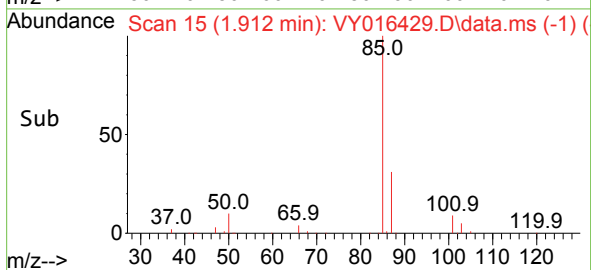
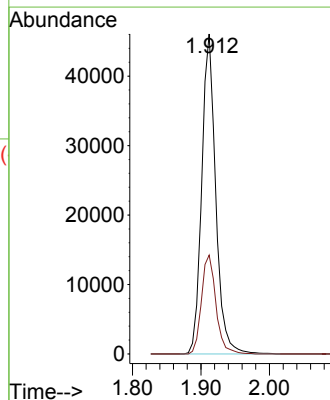
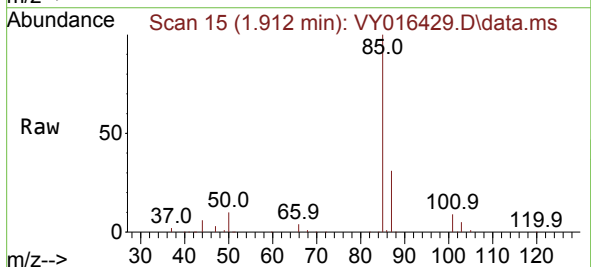
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ClientSampleId :

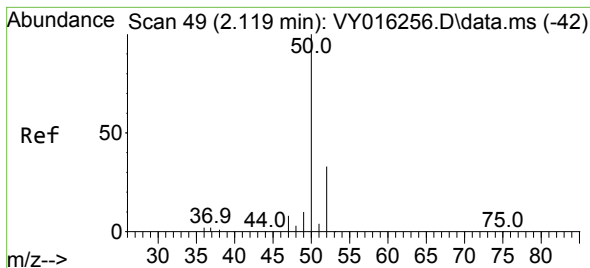
Tgt Ion:168 Resp: 150895
Ion Ratio Lower Upper
168 100
99 55.2 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 44.324 ug/l
RT: 1.912 min Scan# 15
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 85 Resp: 65490
Ion Ratio Lower Upper
85 100
87 30.9 15.6 46.8





#3

Chloromethane

Concen: 43.593 ug/l

RT: 2.125 min Scan# 50

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

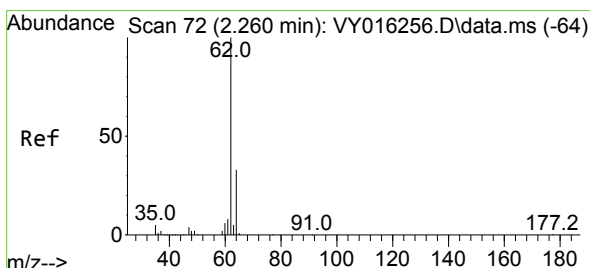
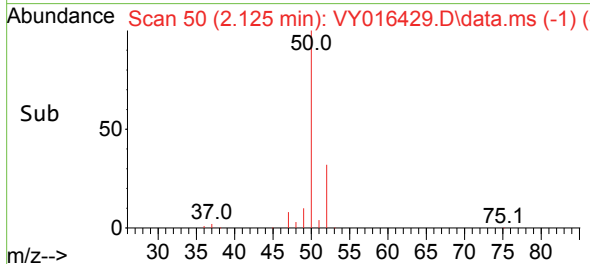
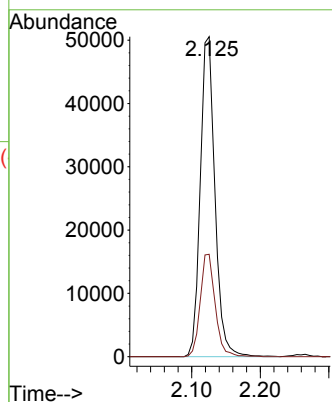
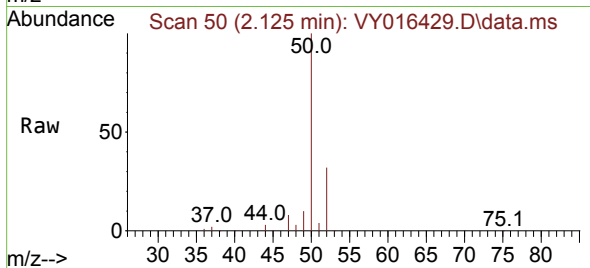
ClientSampleId :

Tgt Ion: 50 Resp: 75433

Ion Ratio Lower Upper

50 100

52 32.0 25.4 38.2



#4

Vinyl Chloride

Concen: 44.147 ug/l

RT: 2.259 min Scan# 72

Delta R.T. -0.000 min

Lab File: VY016429.D

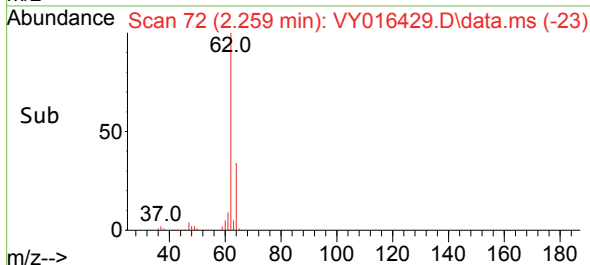
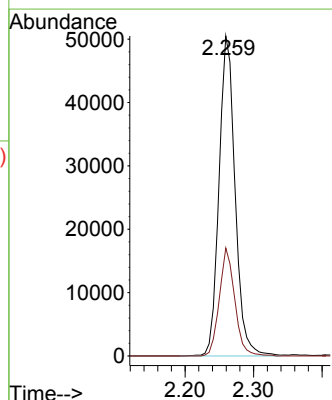
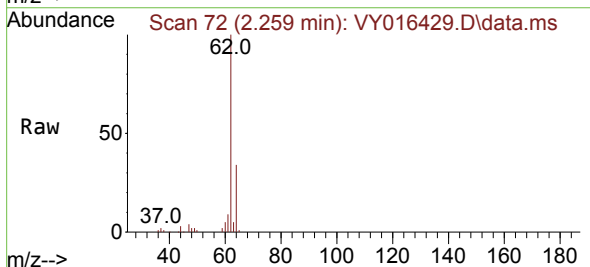
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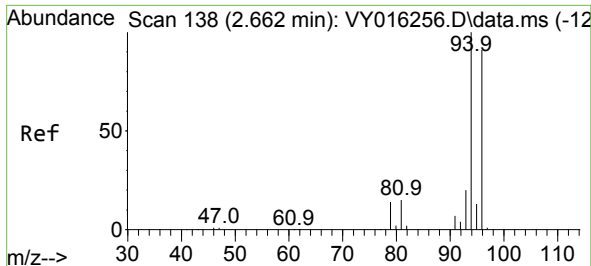
Tgt Ion: 62 Resp: 82144

Ion Ratio Lower Upper

62 100

64 33.8 24.3 36.5

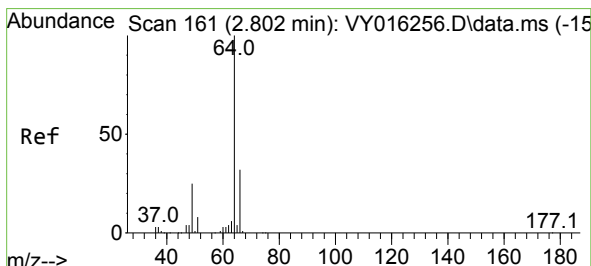
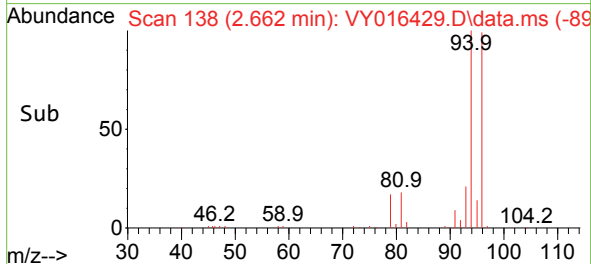
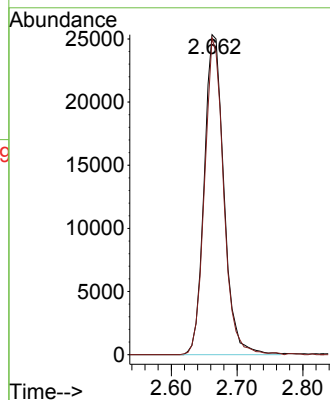
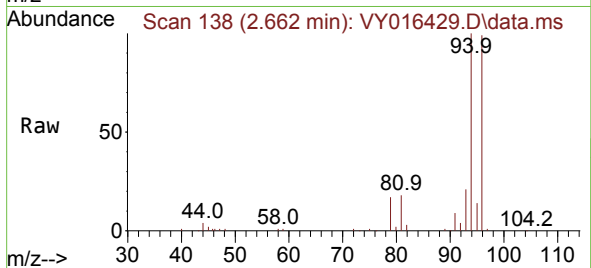




#5
Bromomethane
Concen: 43.235 ug/l
RT: 2.662 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

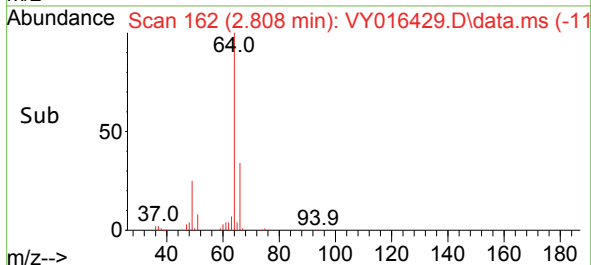
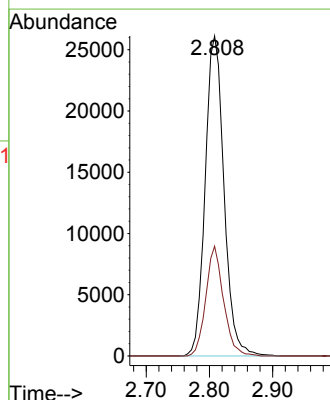
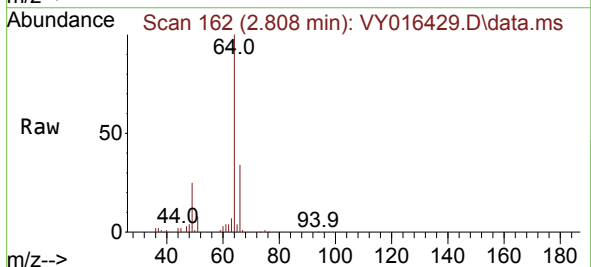
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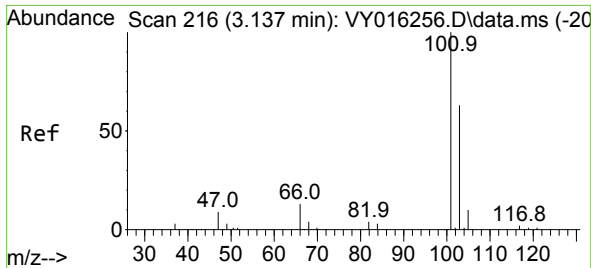
Tgt Ion: 94 Resp: 52869
Ion Ratio Lower Upper
94 100
96 98.9 75.8 113.6



#6
Chloroethane
Concen: 45.531 ug/l
RT: 2.808 min Scan# 162
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 64 Resp: 54059
Ion Ratio Lower Upper
64 100
66 34.3 24.4 36.6

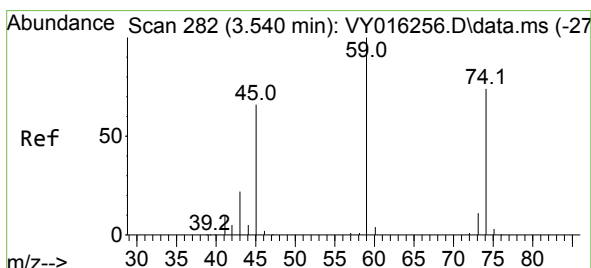
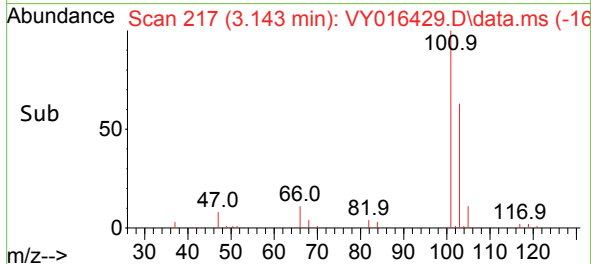
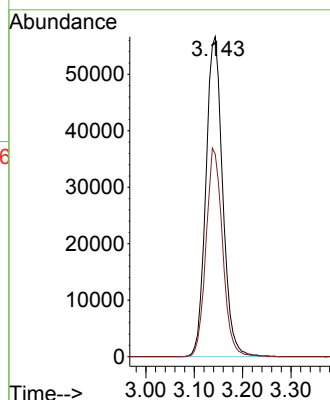
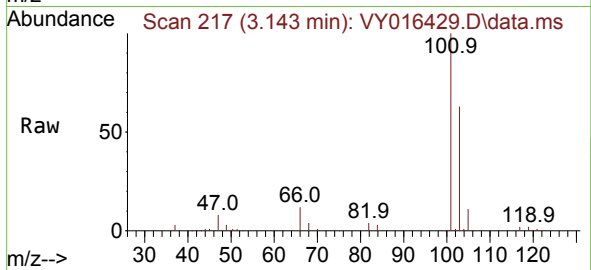




#7
 Trichlorofluoromethane
 Concen: 50.542 ug/l
 RT: 3.143 min Scan# 216
 Delta R.T. 0.006 min
 Lab File: VY016429.D
 Acq: 20 Nov 2023 17:22

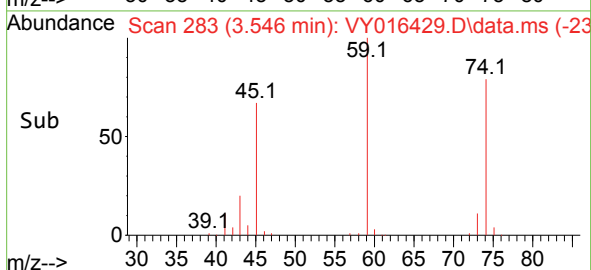
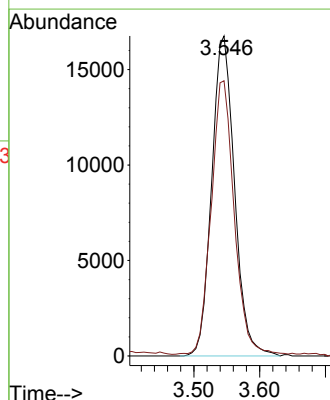
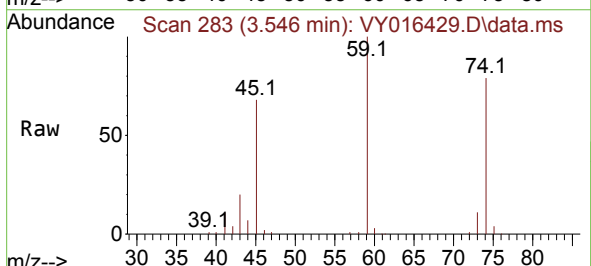
Instrument :
 MSVOA_Y
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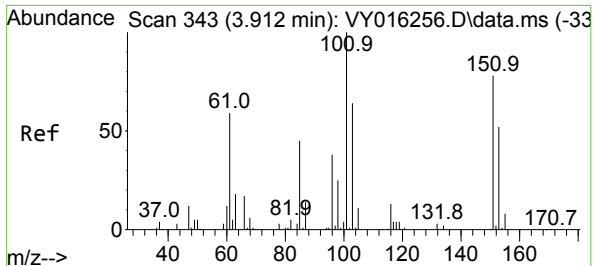
Tgt Ion:101 Resp: 136822
 Ion Ratio Lower Upper
 101 100
 103 63.3 51.4 77.0



#8
 Diethyl Ether
 Concen: 49.955 ug/l
 RT: 3.546 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY016429.D
 Acq: 20 Nov 2023 17:22

Tgt Ion: 74 Resp: 40418
 Ion Ratio Lower Upper
 74 100
 45 86.1 51.5 154.5

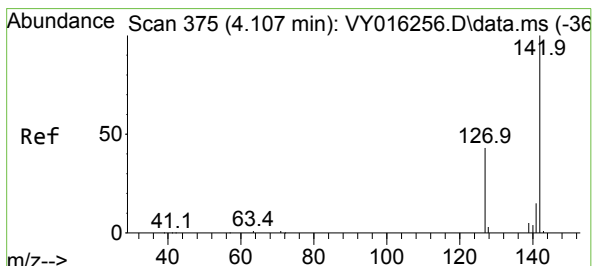
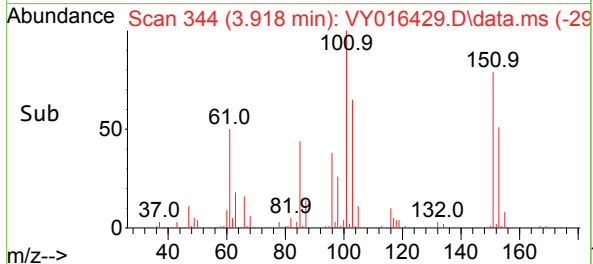
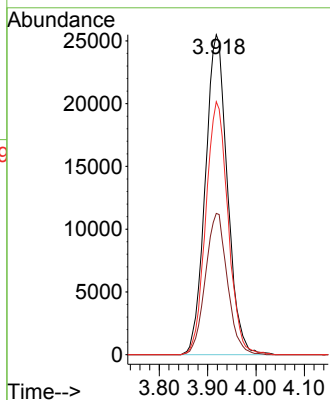
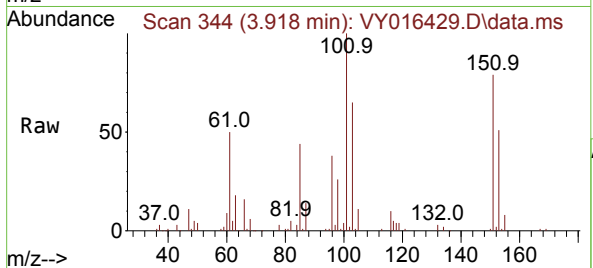




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.633 ug/l
RT: 3.918 min Scan# 344
Delta R.T. 0.006 min
Lab File: VY016429.D
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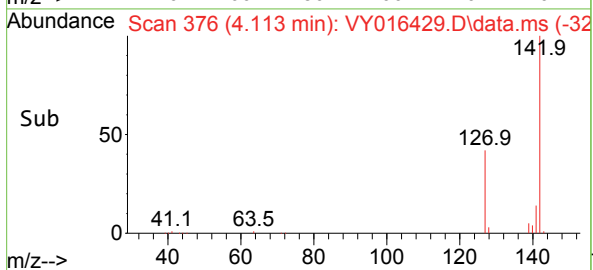
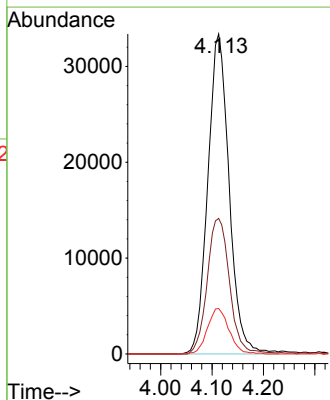
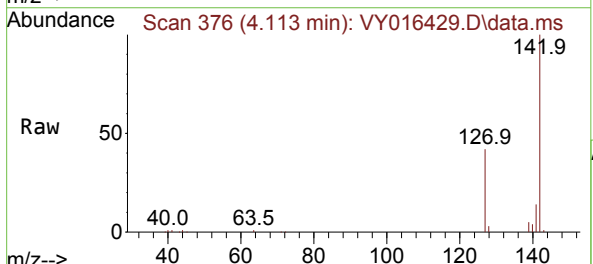
Instrument :
MSVOA_Y
ClientSampleId :

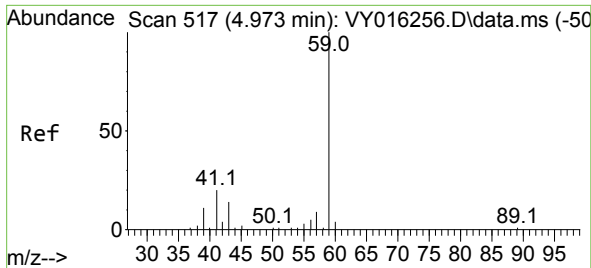
Tgt Ion:101 Resp: 80926
Ion Ratio Lower Upper
101 100
85 43.9 36.6 55.0
151 79.6 67.0 100.6



#10
Methyl Iodide
Concen: 54.521 ug/l
RT: 4.113 min Scan# 376
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion:142 Resp: 96009
Ion Ratio Lower Upper
142 100
127 44.3 37.6 56.4
141 14.4 11.8 17.8

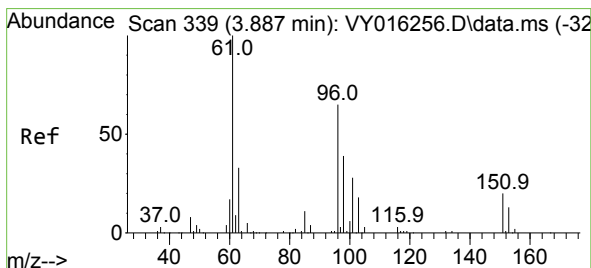
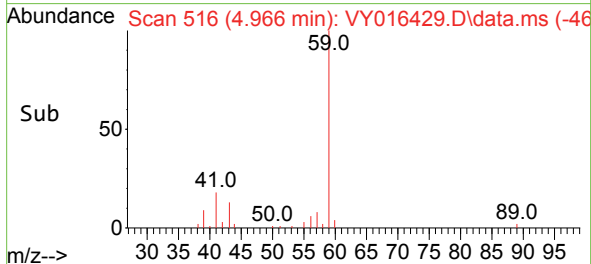
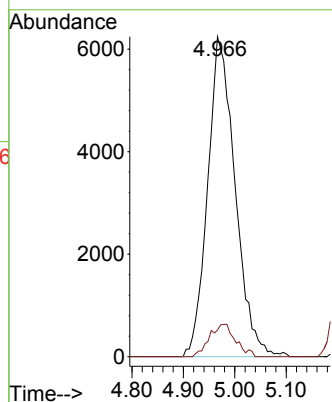
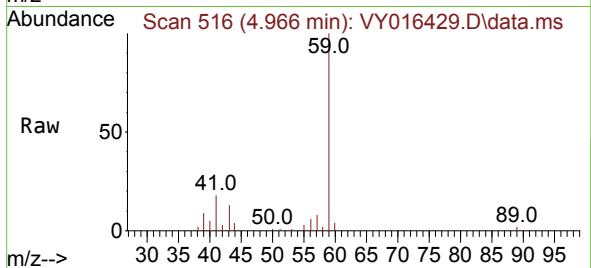




#11
Tert butyl alcohol
Concen: 214.202 ug/l
RT: 4.966 min Scan# 517
Delta R.T. -0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

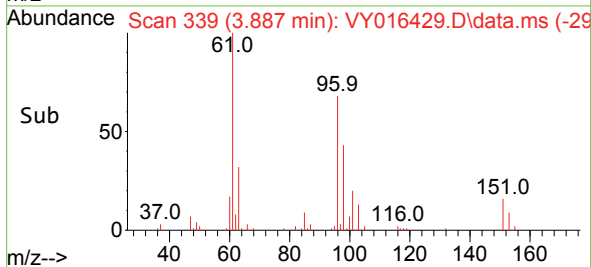
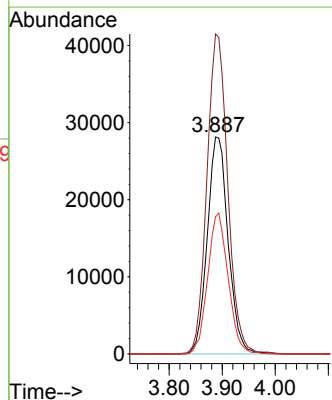
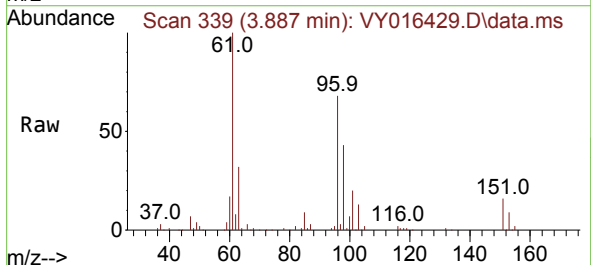
Instrument :
MSVOA_Y
ClientSampleId :

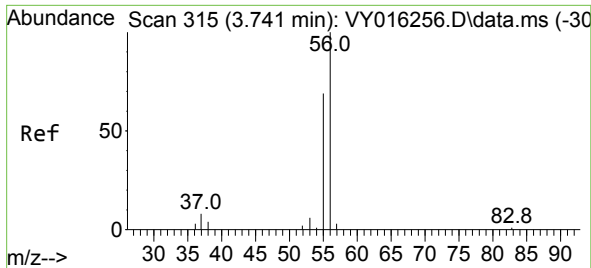
Tgt Ion: 59 Resp: 23133
Ion Ratio Lower Upper
59 100
57 9.6 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 50.466 ug/l
RT: 3.887 min Scan# 339
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

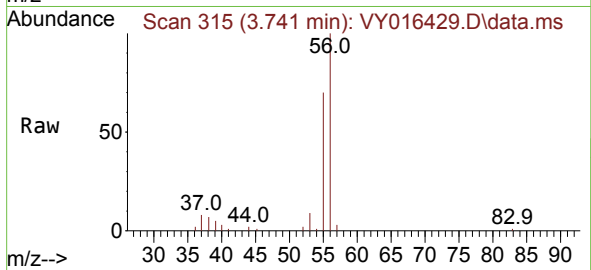
Tgt Ion: 96 Resp: 76953
Ion Ratio Lower Upper
96 100
61 147.5 136.4 204.6
98 63.2 49.4 74.2



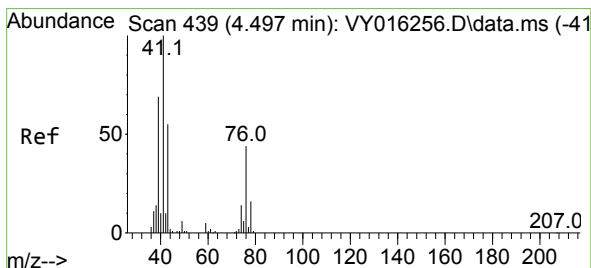
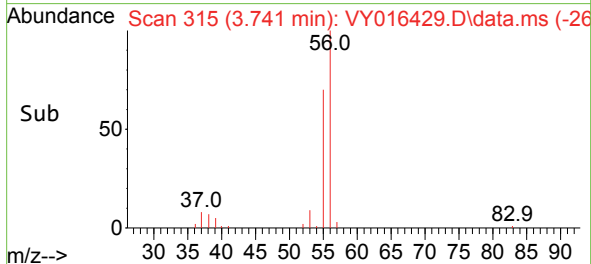
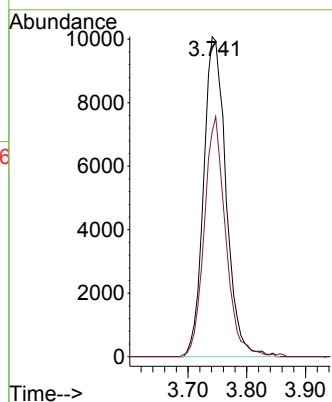


#13
Acrolein
Concen: 205.270 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :

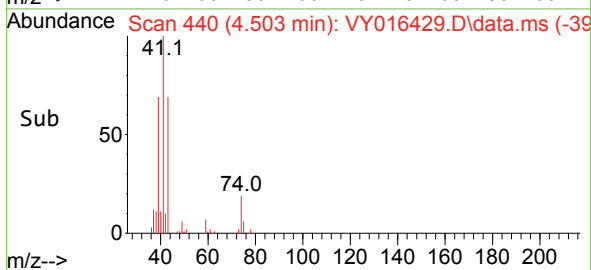
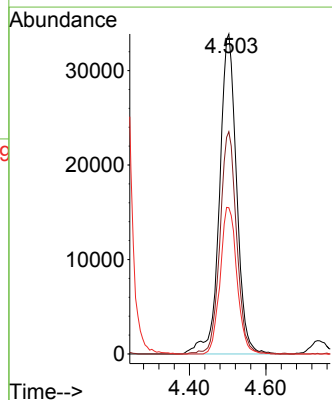
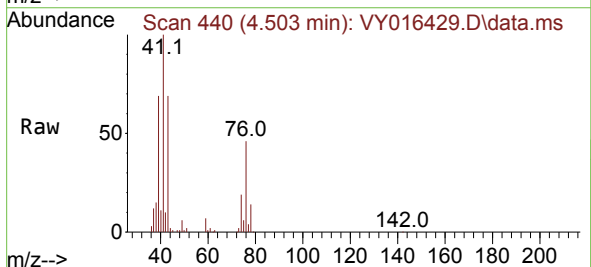


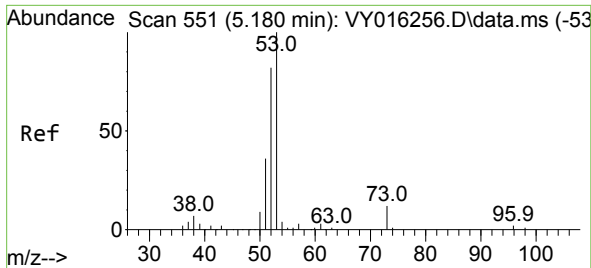
Tgt Ion: 56 Resp: 26739
Ion Ratio Lower Upper
56 100
55 71.5 57.0 85.4



#14
Allyl chloride
Concen: 48.452 ug/l
RT: 4.503 min Scan# 440
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 41 Resp: 104844
Ion Ratio Lower Upper
41 100
39 67.9 58.0 87.0
76 45.1 27.4 41.2#

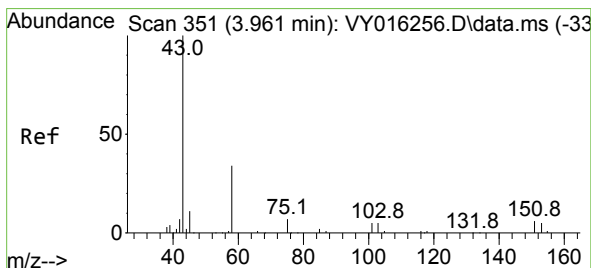
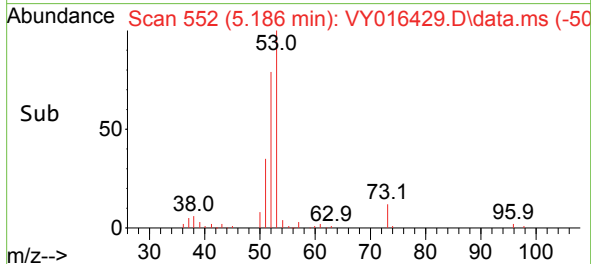
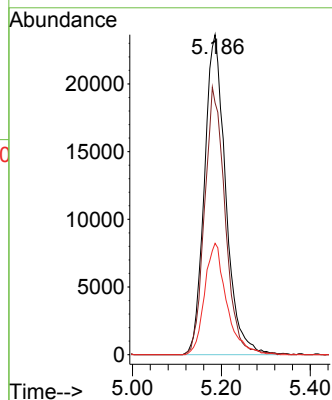
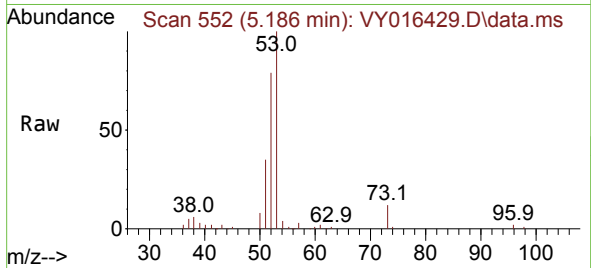




#15
Acrylonitrile
Concen: 245.200 ug/l
RT: 5.186 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

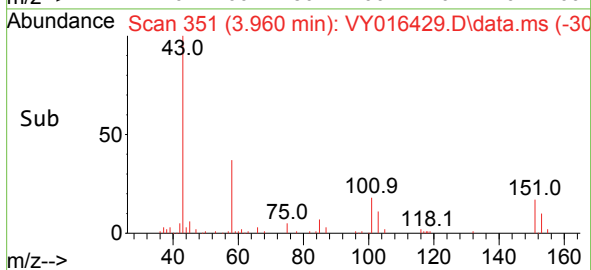
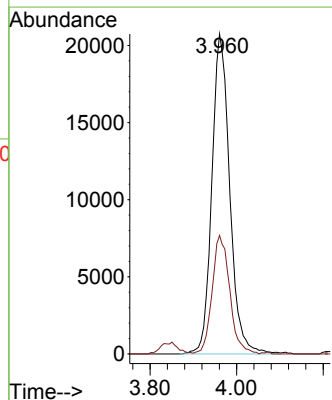
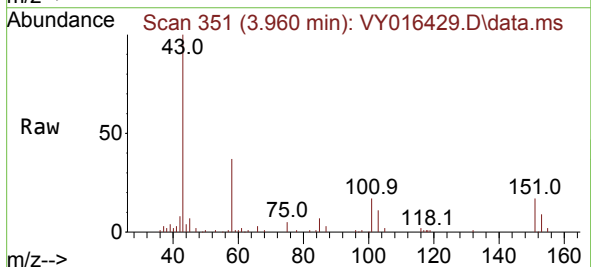
Instrument :
MSVOA_Y
ClientSampleId :

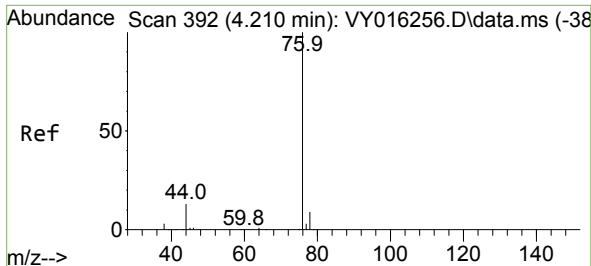
Tgt Ion: 53 Resp: 78730
Ion Ratio Lower Upper
53 100
52 80.6 66.9 100.3
51 36.1 29.8 44.6



#16
Acetone
Concen: 260.902 ug/l
RT: 3.960 min Scan# 351
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 43 Resp: 59518
Ion Ratio Lower Upper
43 100
58 37.0 22.7 34.1#





#17

Carbon Disulfide

Concen: 46.525 ug/l

RT: 4.216 min Scan# 392

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

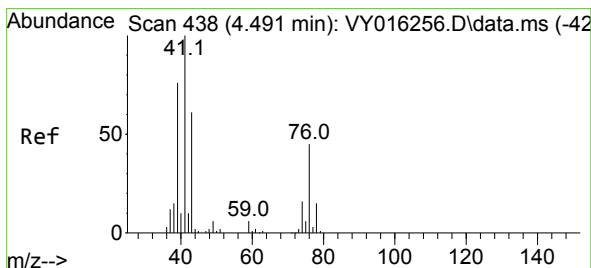
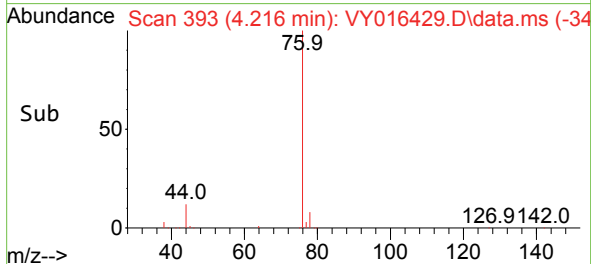
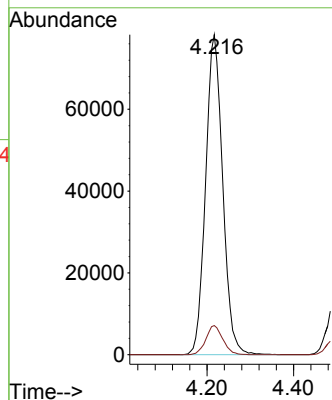
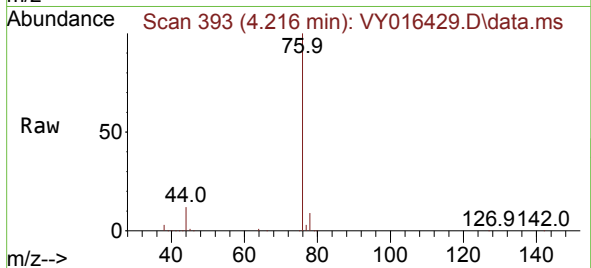
ClientSampleId :

Tgt Ion: 76 Resp: 214052

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.4



#18

Methyl Acetate

Concen: 60.865 ug/l

RT: 4.497 min Scan# 439

Delta R.T. 0.006 min

Lab File: VY016429.D

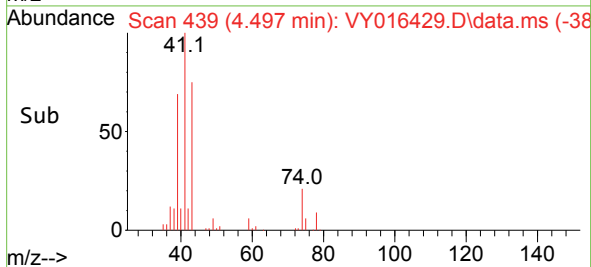
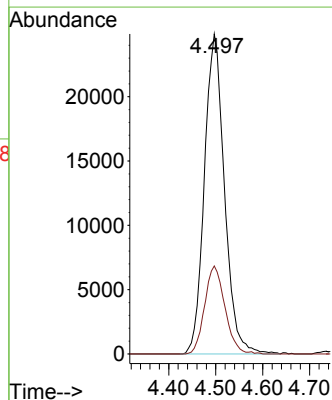
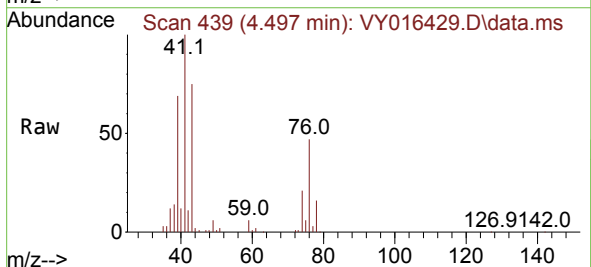
Acq: 20 Nov 2023 17:22

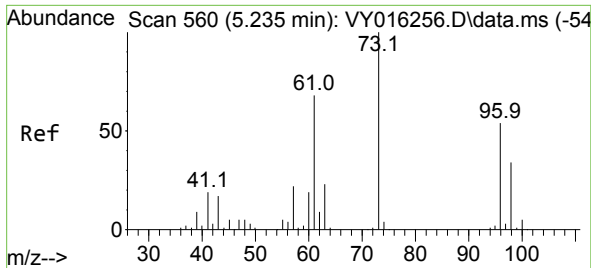
Tgt Ion: 43 Resp: 73779

Ion Ratio Lower Upper

43 100

74 27.8 17.4 26.0#

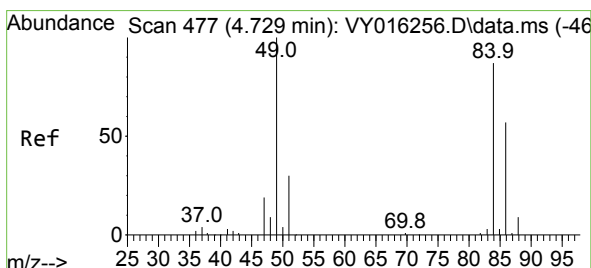
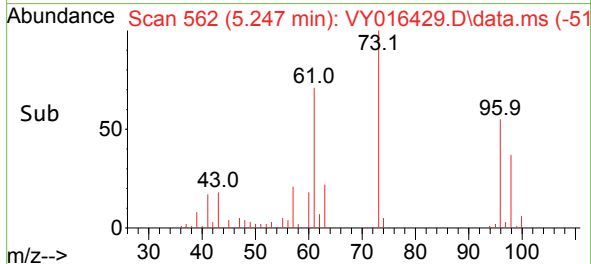
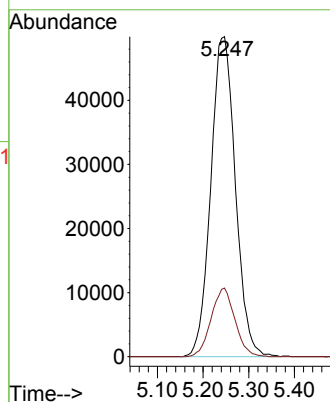
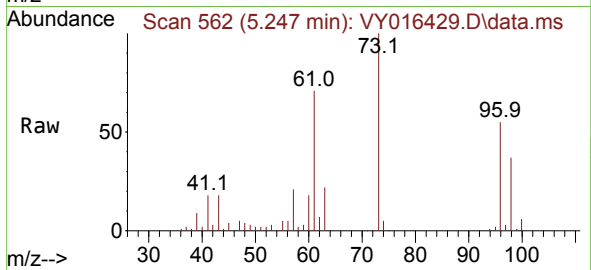




#19
Methyl tert-butyl Ether
Concen: 50.528 ug/l
RT: 5.247 min Scan# 50
Delta R.T. 0.012 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

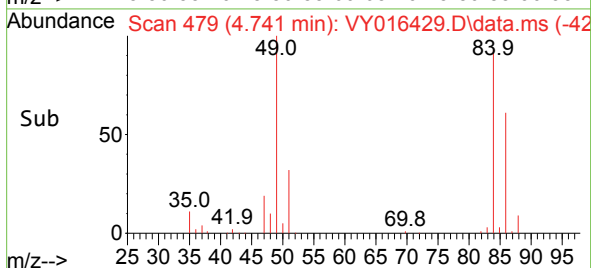
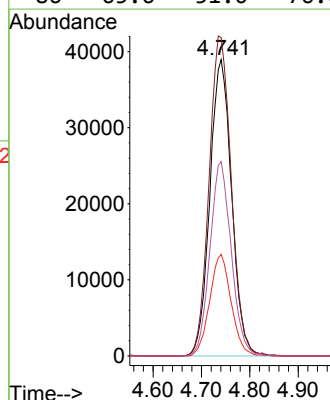
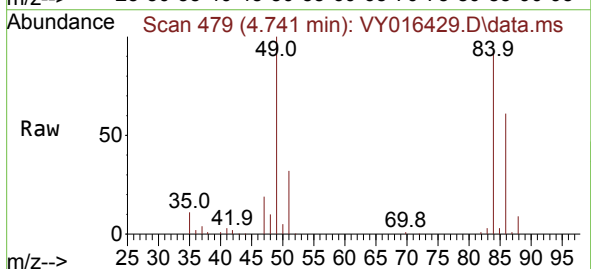
Instrument :
MSVOA_Y
ClientSampleId :

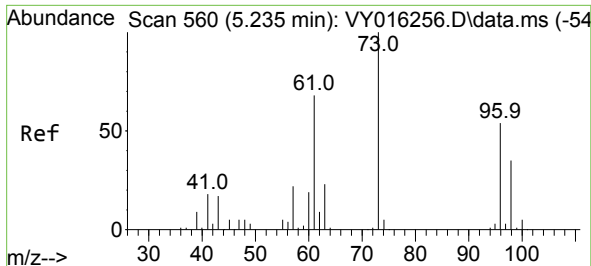
Tgt Ion: 73 Resp: 186480
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 77.463 ug/l
RT: 4.741 min Scan# 479
Delta R.T. 0.012 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 84 Resp: 121755
Ion Ratio Lower Upper
84 100
49 107.5 106.9 160.3
51 34.3 33.2 49.8
86 65.6 51.0 76.6

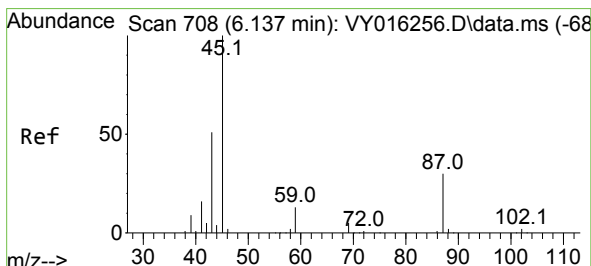
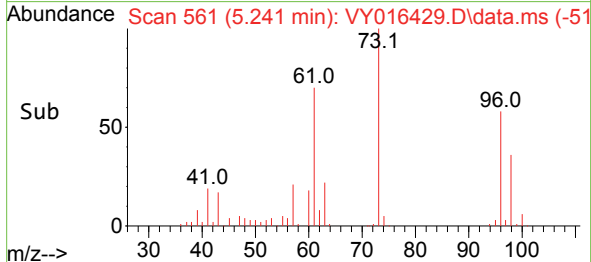
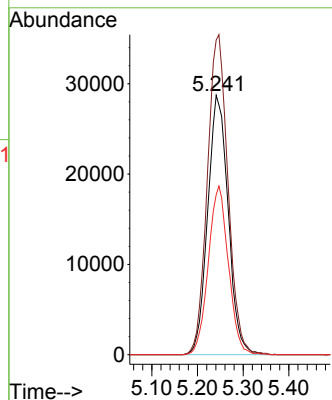
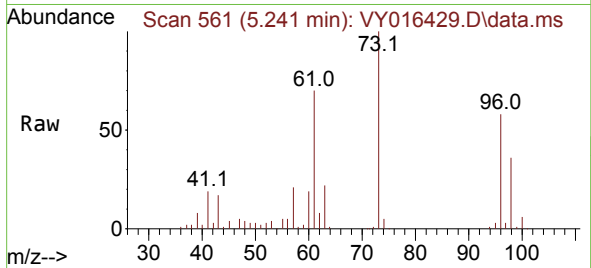




#21
trans-1,2-Dichloroethene
Concen: 50.910 ug/l
RT: 5.241 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

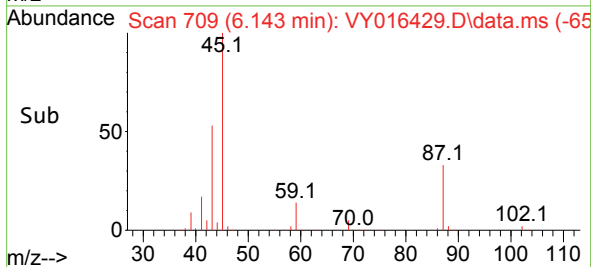
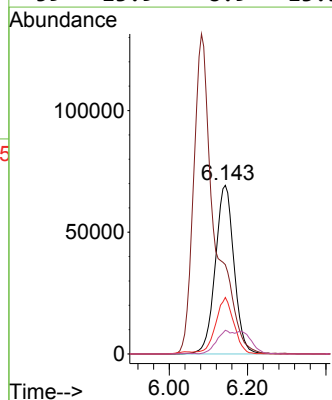
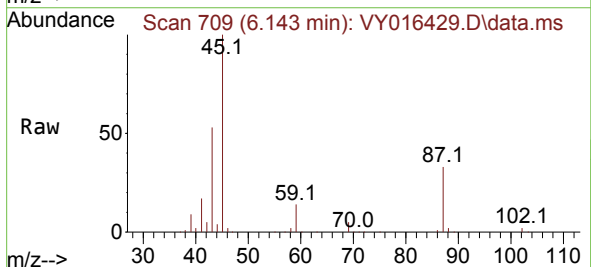
Instrument :
MSVOA_Y
ClientSampleId :

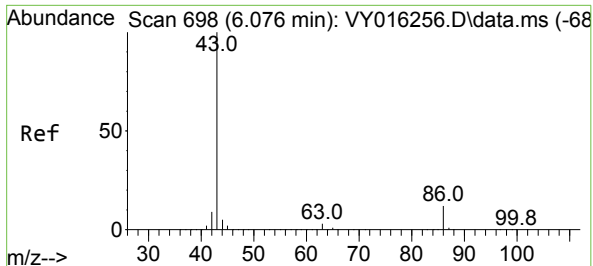
Tgt Ion: 96 Resp: 89381
Ion Ratio Lower Upper
96 100
61 121.3 110.2 165.4
98 61.7 51.8 77.6



#22
Diisopropyl ether
Concen: 49.386 ug/l
RT: 6.143 min Scan# 709
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 45 Resp: 230304
Ion Ratio Lower Upper
45 100
43 52.6 52.2 78.4
87 33.5 21.0 31.6#
59 13.9 8.9 13.3#

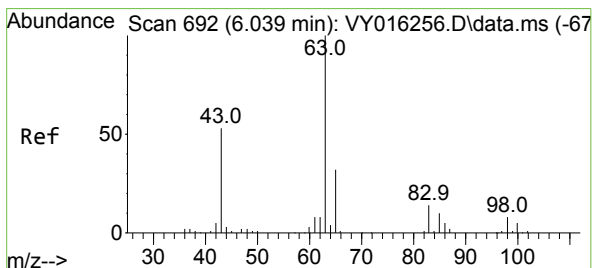
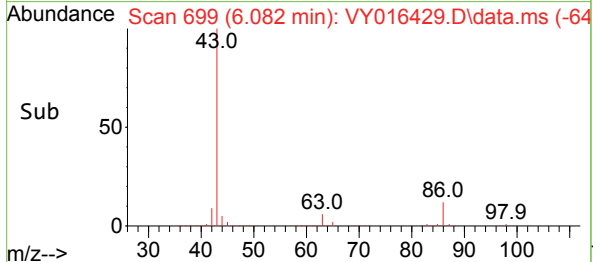
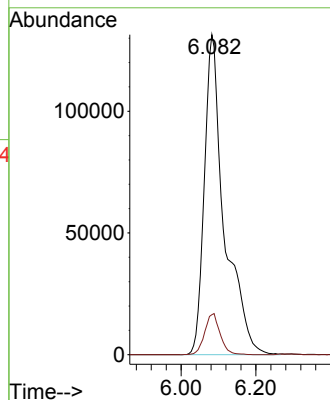
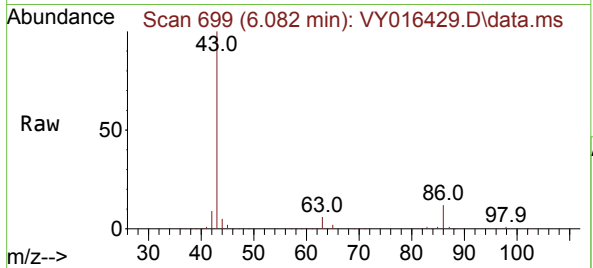




#23
 Vinyl Acetate
 Concen: 216.180 ug/l
 RT: 6.082 min Scan# 699
 Delta R.T. 0.006 min
 Lab File: VY016429.D
 Acq: 20 Nov 2023 17:22

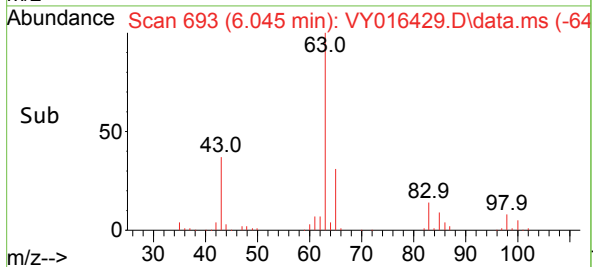
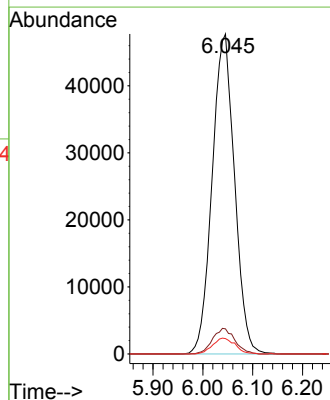
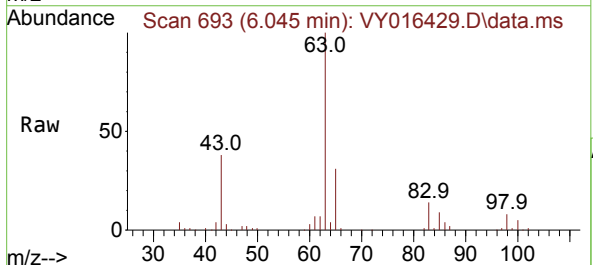
Instrument :
 MSVOA_Y
 ClientSampleId :

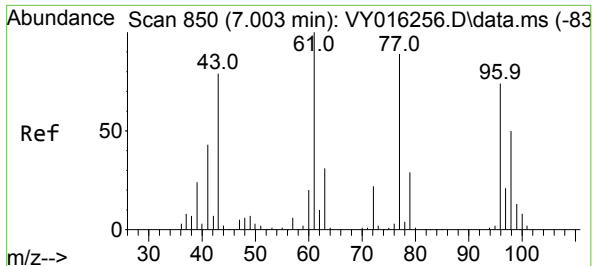
Tgt Ion: 43 Resp: 488485
 Ion Ratio Lower Upper
 43 100
 86 12.5 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 51.654 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY016429.D
 Acq: 20 Nov 2023 17:22

Tgt Ion: 63 Resp: 148605
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.1 9.4
 100 4.8 1.8 5.5





#25

2-Butanone

Concen: 228.478 ug/l

RT: 7.009 min Scan# 81

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

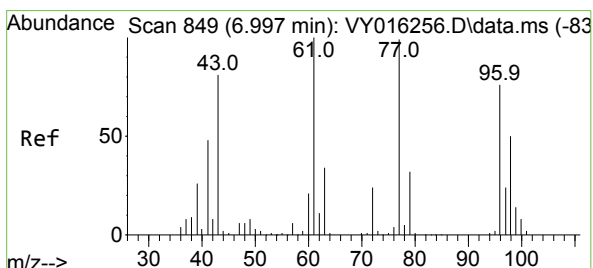
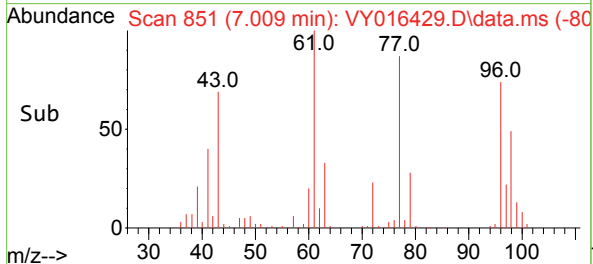
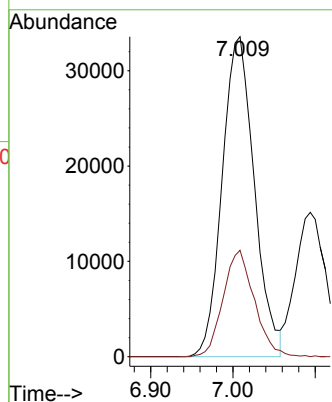
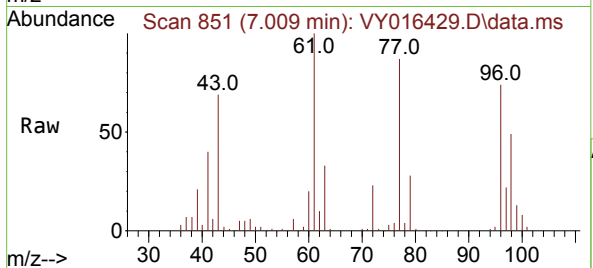
ClientSampleId :

Tgt Ion: 43 Resp: 91293

Ion Ratio Lower Upper

43 100

72 33.3 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 50.837 ug/l

RT: 7.003 min Scan# 850

Delta R.T. 0.006 min

Lab File: VY016429.D

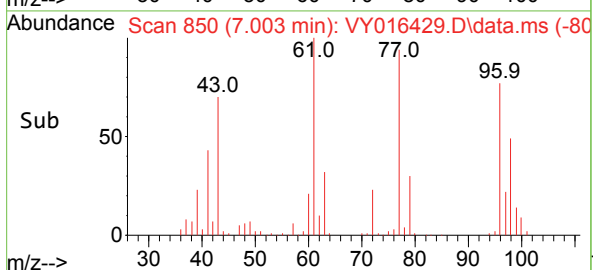
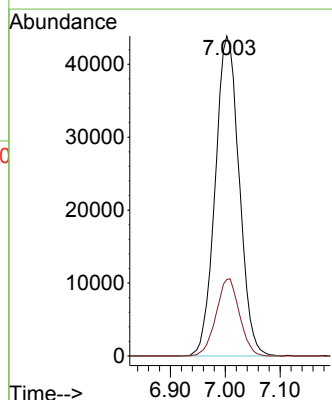
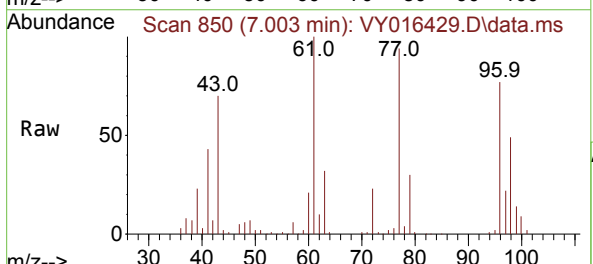
Acq: 20 Nov 2023 17:22

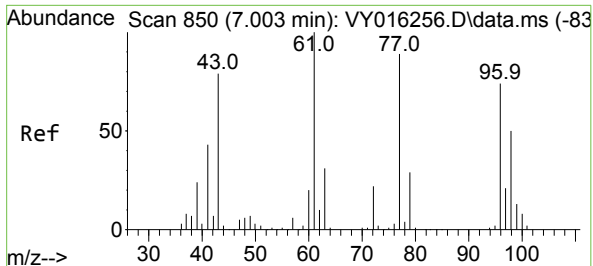
Tgt Ion: 77 Resp: 133111

Ion Ratio Lower Upper

77 100

97 23.5 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 53.483 ug/l

RT: 7.009 min Scan# 851

Delta R.T. 0.006 min

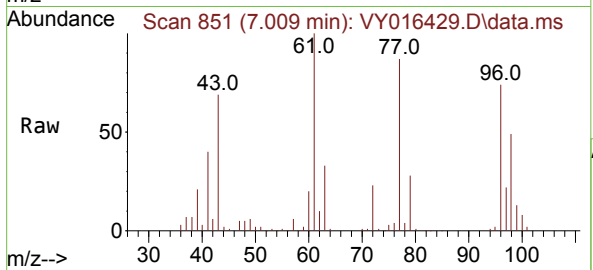
Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :



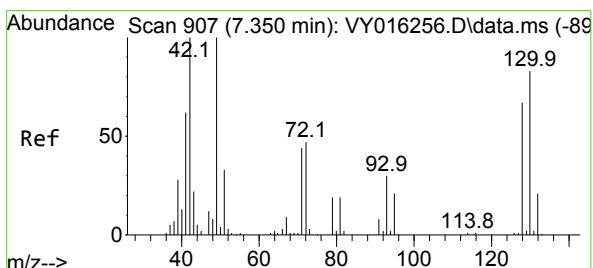
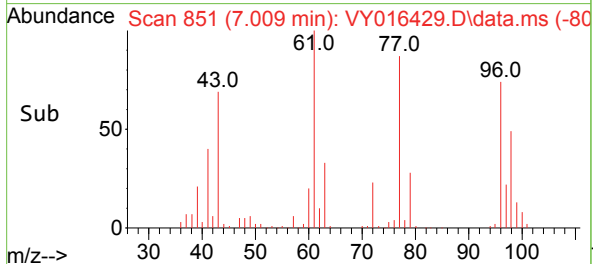
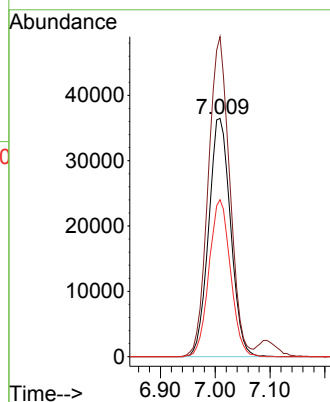
Tgt Ion: 96 Resp: 101194

Ion Ratio Lower Upper

96 100

61 131.6 0.0 301.4

98 64.5 0.0 130.4



#28

Bromochloromethane

Concen: 50.703 ug/l

RT: 7.356 min Scan# 908

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

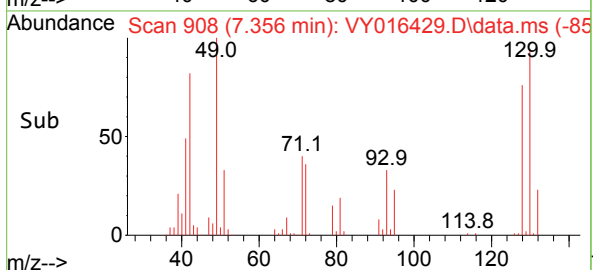
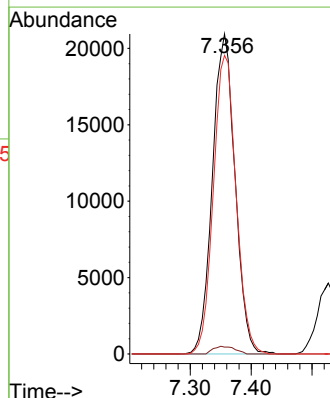
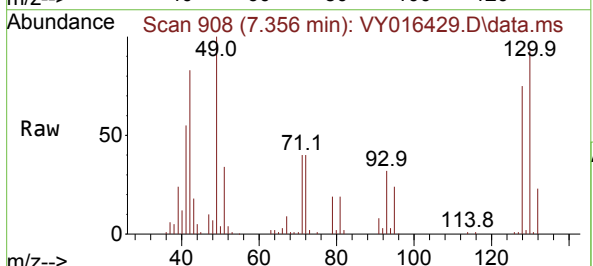
Tgt Ion: 49 Resp: 53986

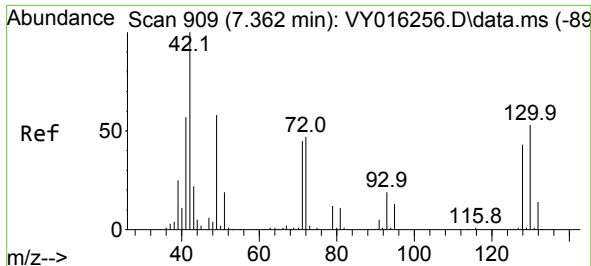
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.6

130 93.5 60.7 91.1#





#29

Tetrahydrofuran

Concen: 224.897 ug/l

RT: 7.368 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

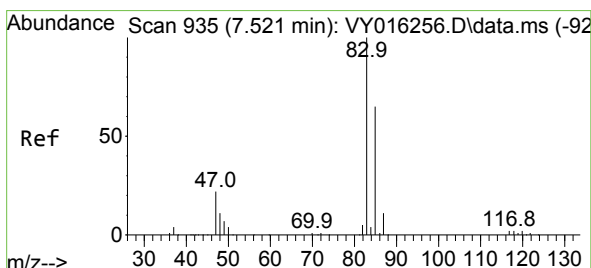
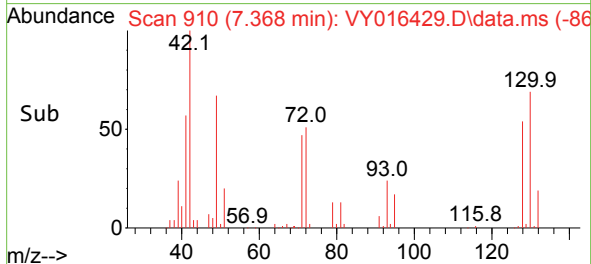
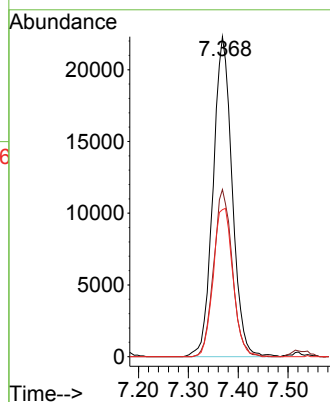
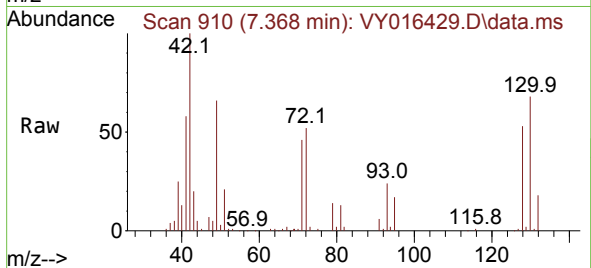
Tgt Ion: 42 Resp: 59396

Ion Ratio Lower Upper

42 100

72 50.9 32.8 49.2#

71 48.0 31.0 46.4#



#30

Chloroform

Concen: 53.962 ug/l

RT: 7.527 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY016429.D

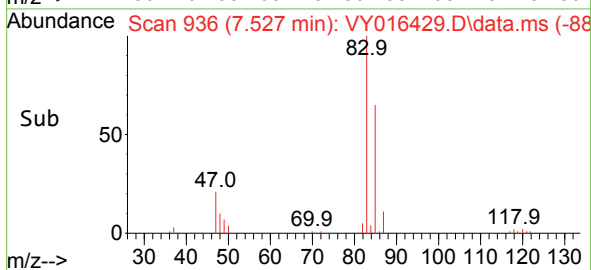
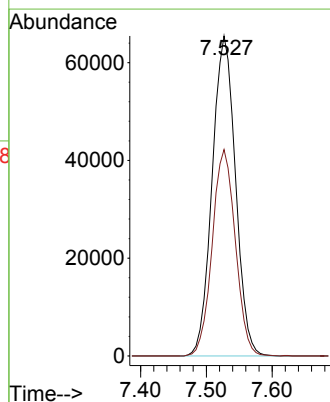
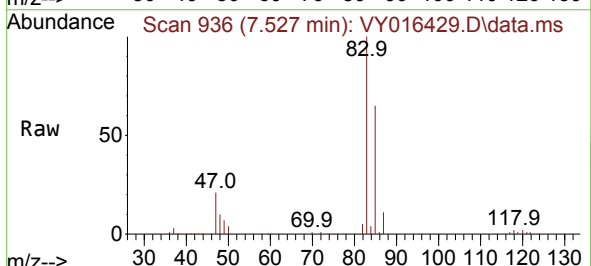
Acq: 20 Nov 2023 17:22

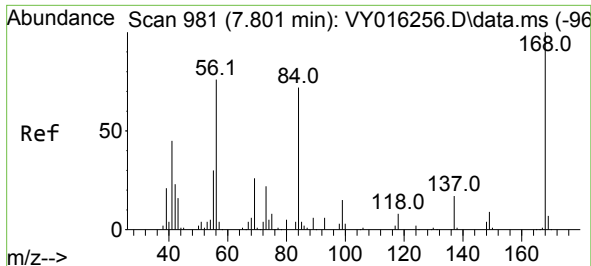
Tgt Ion: 83 Resp: 161593

Ion Ratio Lower Upper

83 100

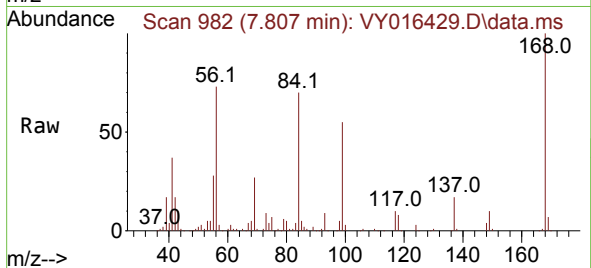
85 64.5 49.7 74.5



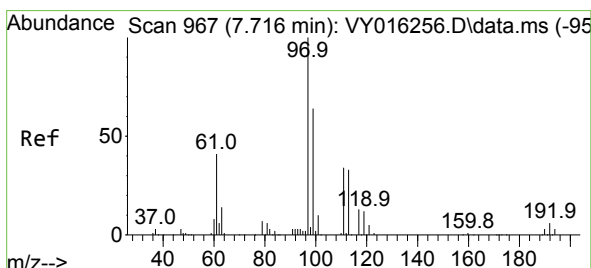
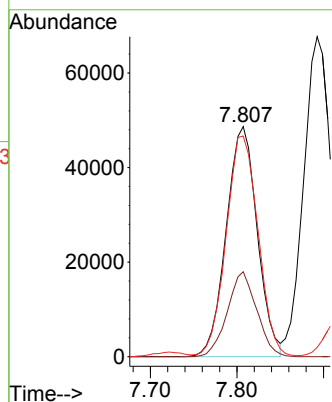
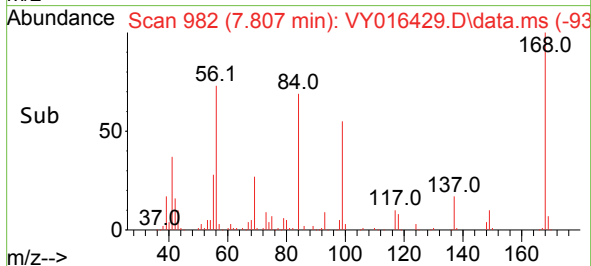


#31
Cyclohexane
Concen: 44.677 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Instrument :
MSVOA_Y
ClientSampleId :

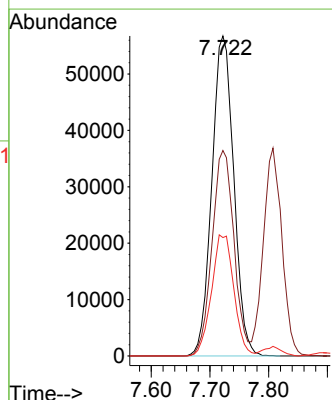
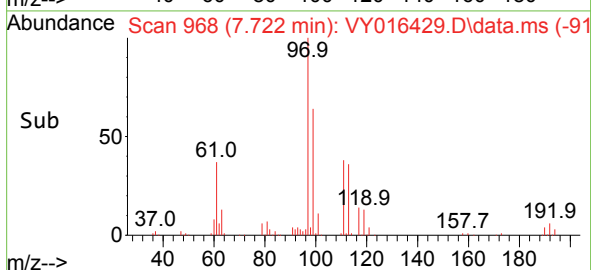
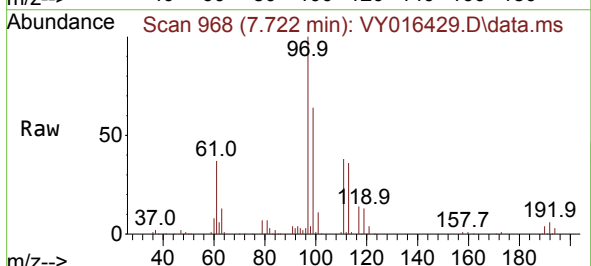


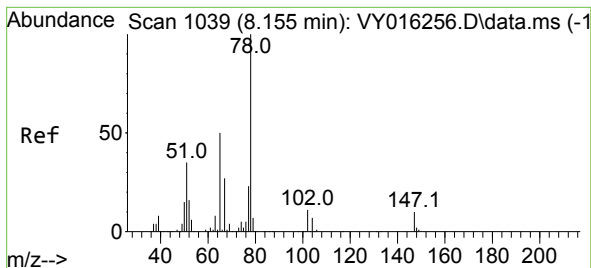
Tgt Ion: 56 Resp: 121308
Ion Ratio Lower Upper
56 100
69 37.0 27.8 41.6
84 94.3 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 53.518 ug/l
RT: 7.722 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 97 Resp: 146908
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 38.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.324 ug/l

RT: 8.161 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

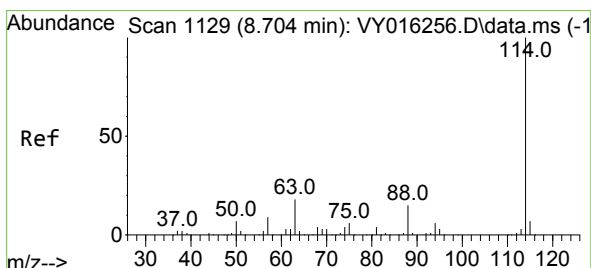
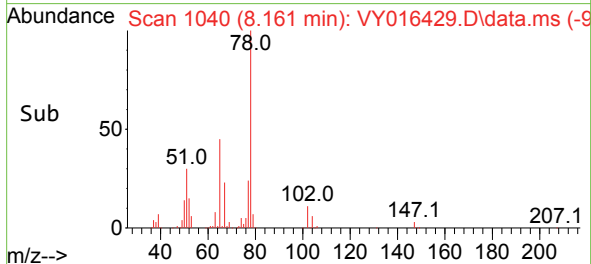
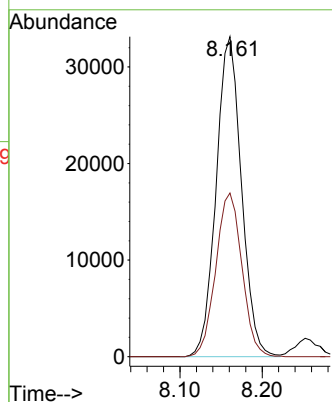
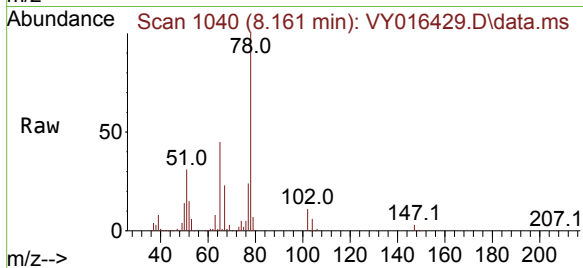
ClientSampleId :

Tgt Ion: 65 Resp: 70782

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

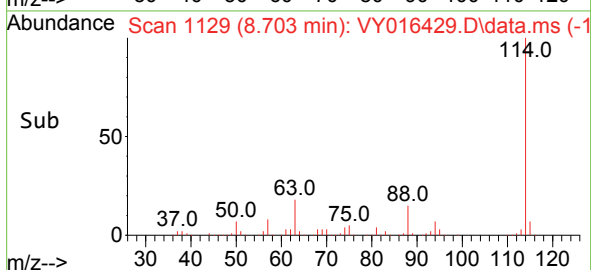
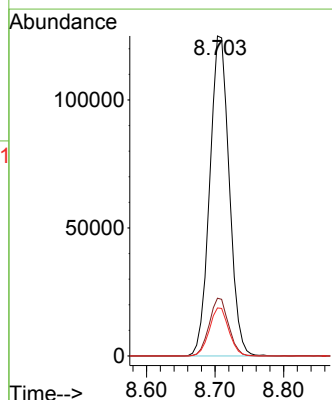
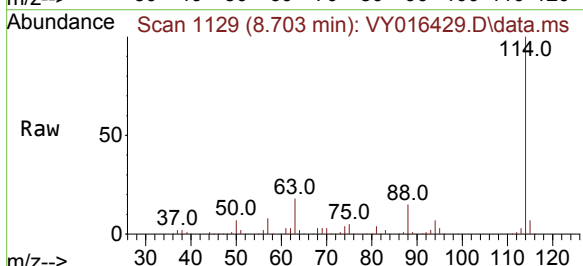
Tgt Ion:114 Resp: 246632

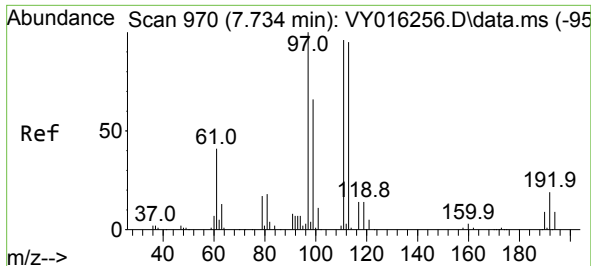
Ion Ratio Lower Upper

114 100

63 18.1 0.0 42.4

88 15.0 0.0 30.6

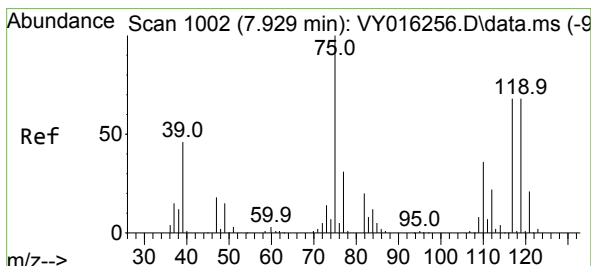
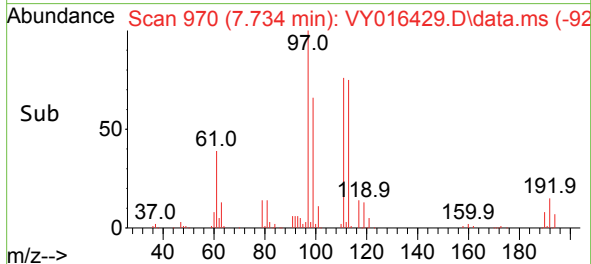
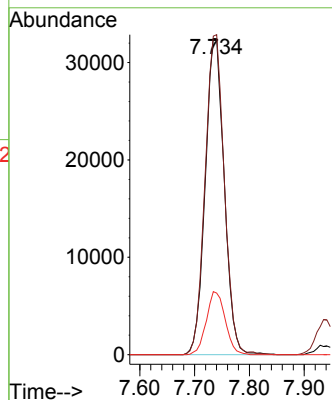
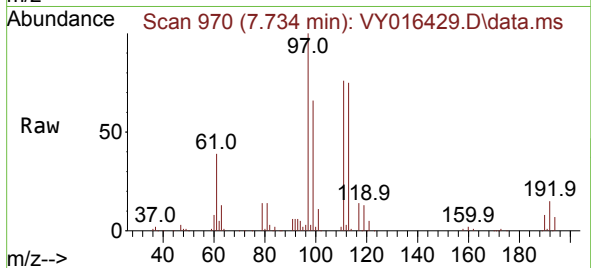




#35
Dibromofluoromethane
Concen: 55.601 ug/l
RT: 7.734 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

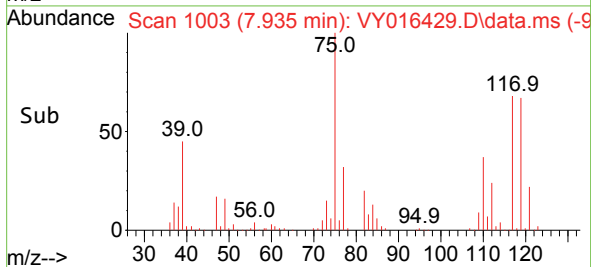
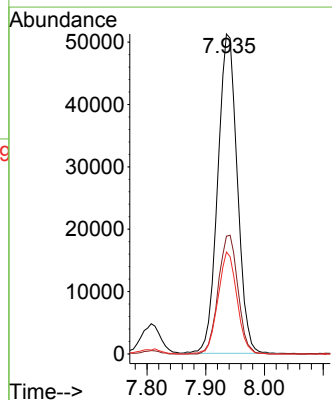
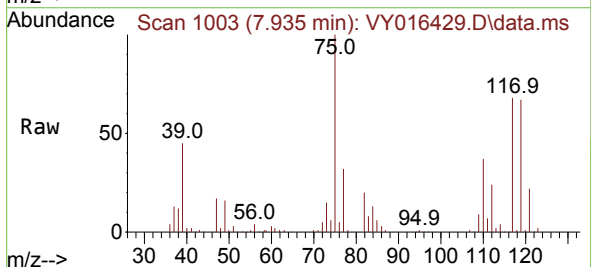
Instrument :
MSVOA_Y
ClientSampleId :

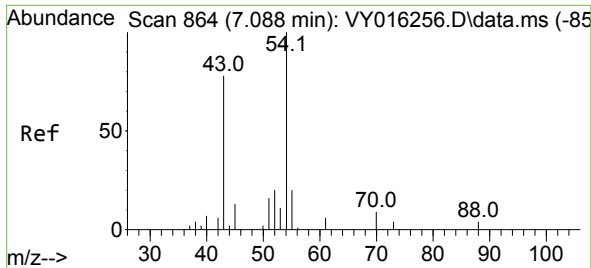
Tgt Ion:113 Resp: 77898
Ion Ratio Lower Upper
113 100
111 102.5 81.3 121.9
192 19.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 48.604 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 75 Resp: 118241
Ion Ratio Lower Upper
75 100
110 37.4 17.8 53.5
77 31.1 24.4 36.6

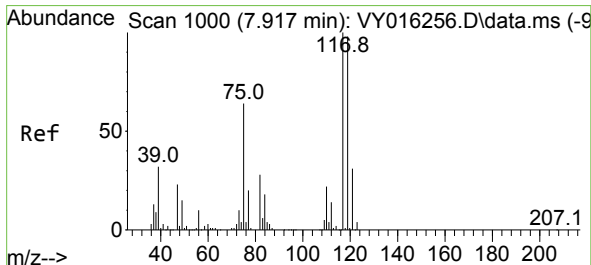
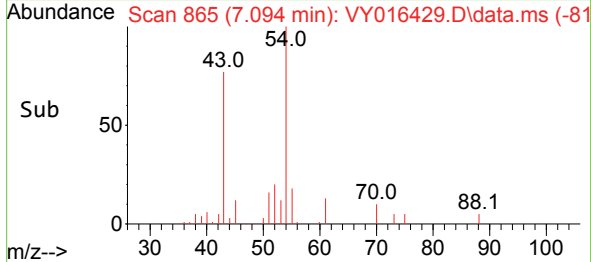
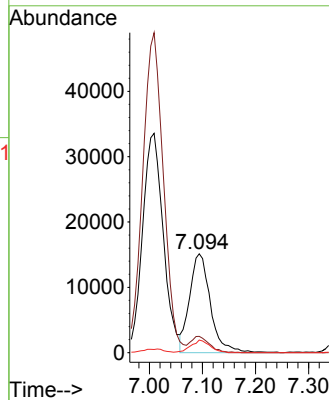
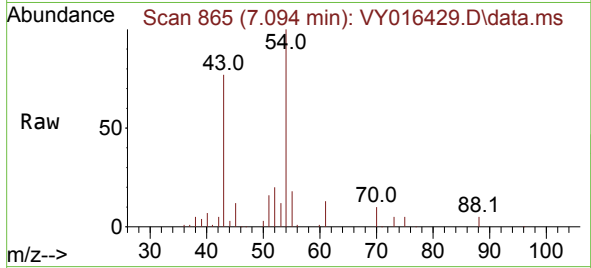




#37
Ethyl Acetate
Concen: 42.058 ug/l
RT: 7.094 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

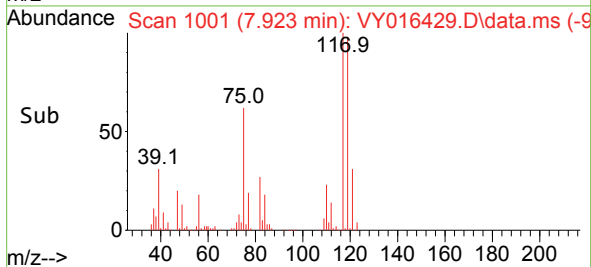
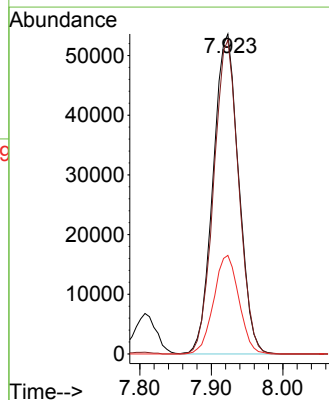
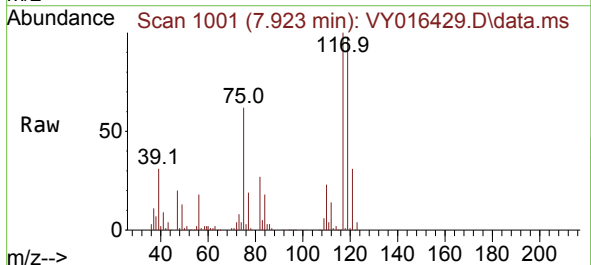
Instrument :
MSVOA_Y
ClientSampleId :

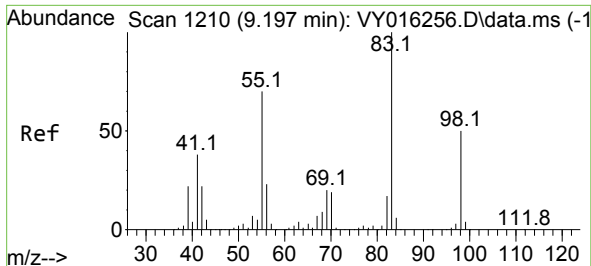
Tgt Ion: 43 Resp: 41341
Ion Ratio Lower Upper
43 100
61 14.7 10.1 15.1
70 11.6 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 52.657 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 117 Resp: 132950
Ion Ratio Lower Upper
117 100
119 98.1 76.4 114.6
121 30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 47.371 ug/l

RT: 9.197 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

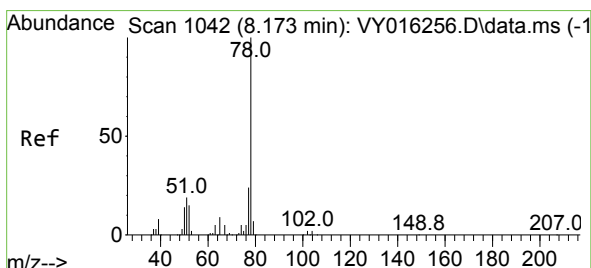
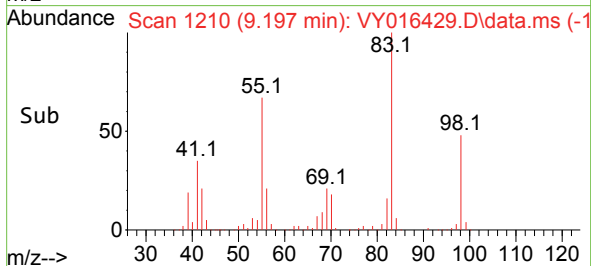
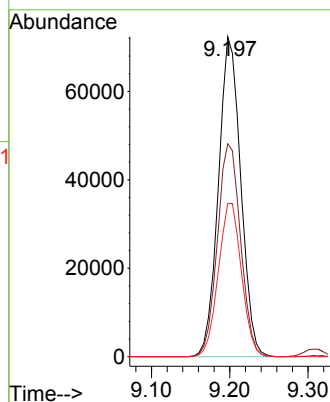
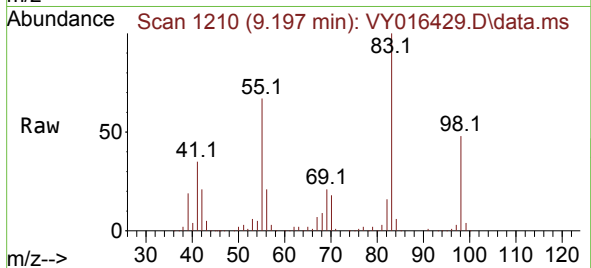
Tgt Ion: 83 Resp: 143598

Ion Ratio Lower Upper

83 100

55 66.5 63.0 94.4

98 47.9 37.4 56.2



#40

Benzene

Concen: 51.039 ug/l

RT: 8.179 min Scan# 1043

Delta R.T. 0.006 min

Lab File: VY016429.D

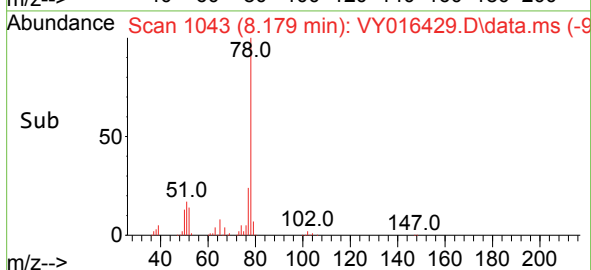
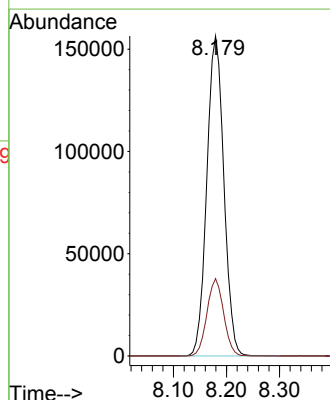
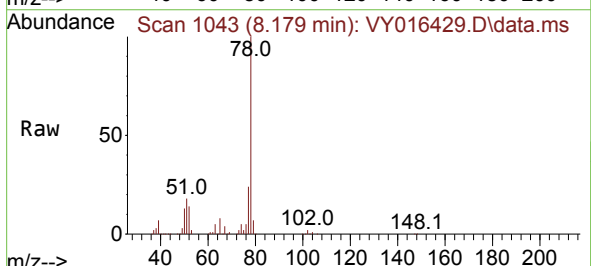
Acq: 20 Nov 2023 17:22

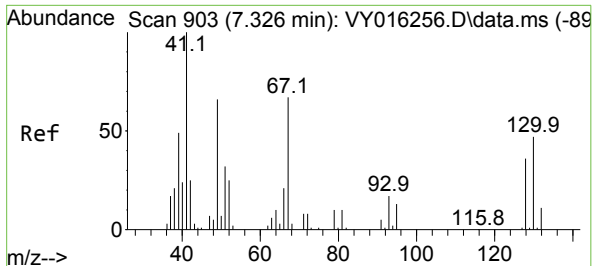
Tgt Ion: 78 Resp: 348845

Ion Ratio Lower Upper

78 100

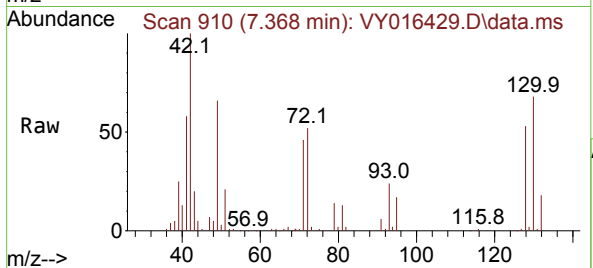
77 24.1 19.0 28.6



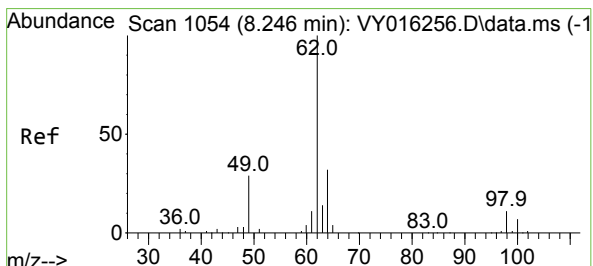
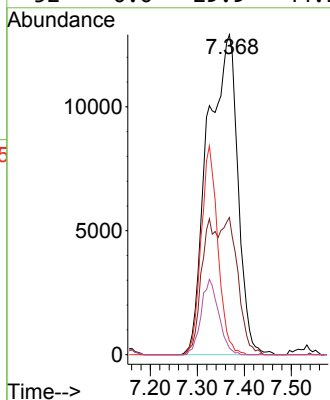
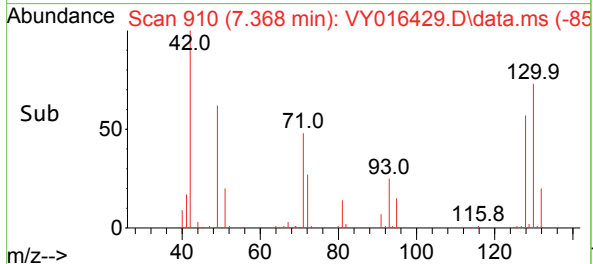


#41
Methacrylonitrile
Concen: 115.845 ug/l
RT: 7.368 min Scan# 910
Delta R.T. 0.043 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

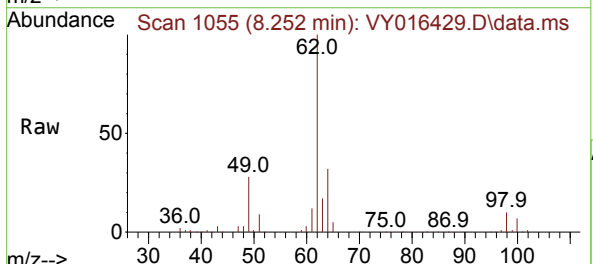
Instrument :
MSVOA_Y
ClientSampleId :



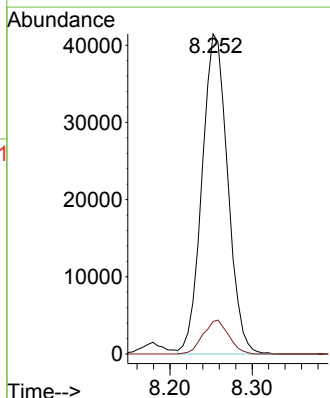
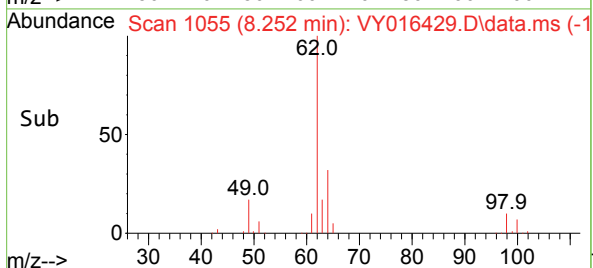
Tgt Ion: 41 Resp: 57415
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#

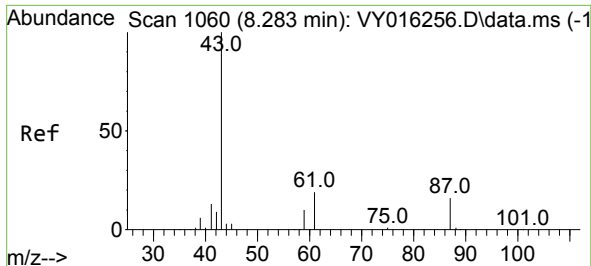


#42
1,2-Dichloroethane
Concen: 50.850 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22



Tgt Ion: 62 Resp: 90053
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8

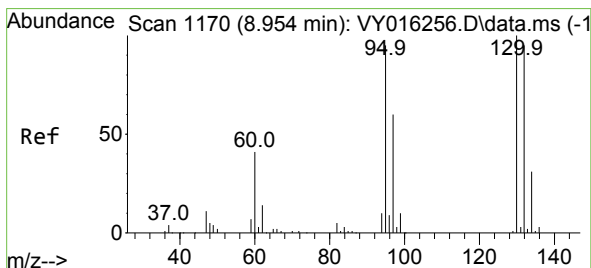
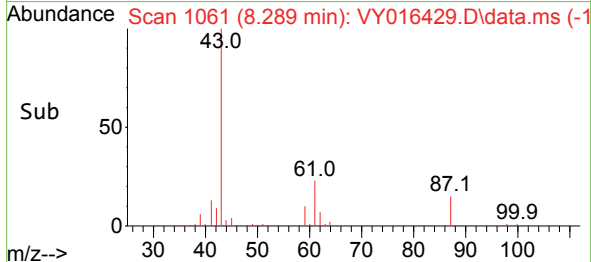
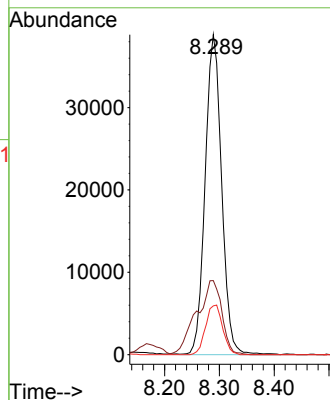
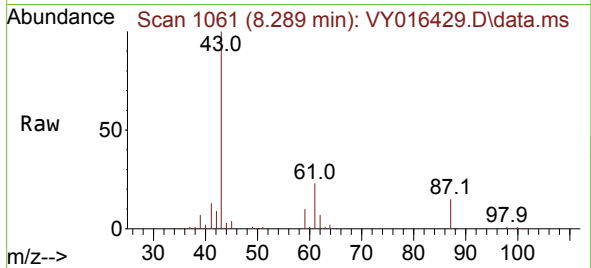




#43
Isopropyl Acetate
Concen: 42.628 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

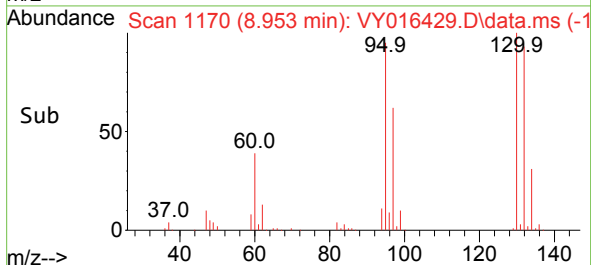
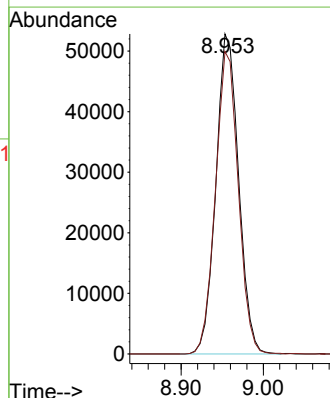
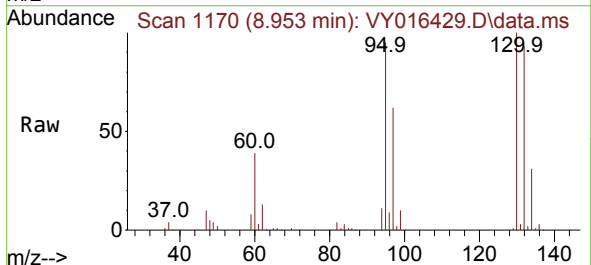
Instrument :
MSVOA_Y
ClientSampleId :

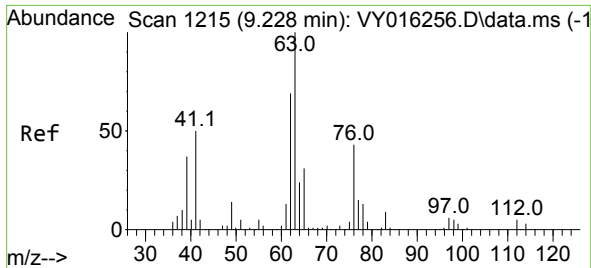
Tgt Ion: 43 Resp: 80995
Ion Ratio Lower Upper
43 100
61 35.4 21.1 31.7#
87 16.0 9.8 14.8#



#44
Trichloroethene
Concen: 51.615 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion:130 Resp: 101389
Ion Ratio Lower Upper
130 100
95 94.5 0.0 196.0

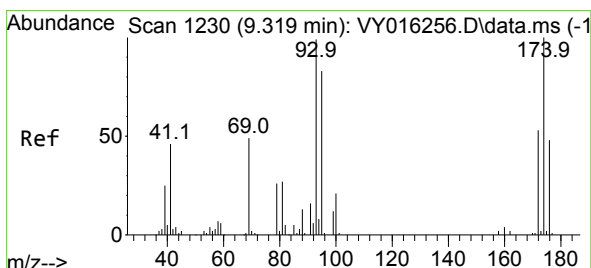
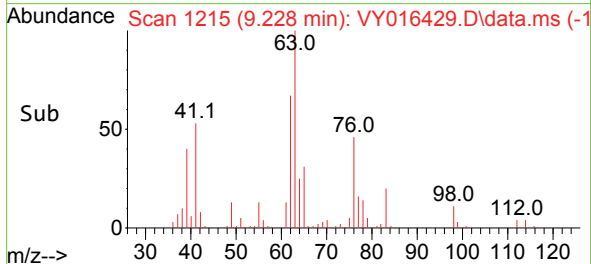
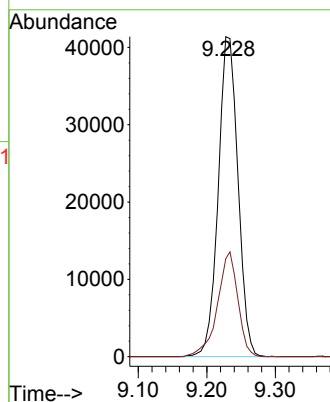
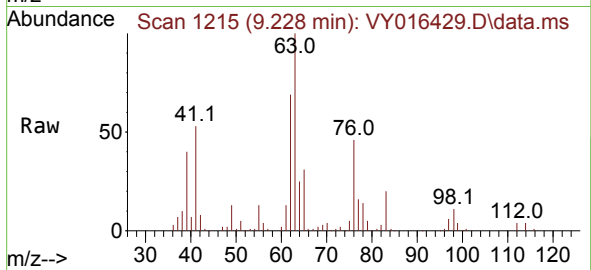




#45
1,2-Dichloropropane
Concen: 50.257 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

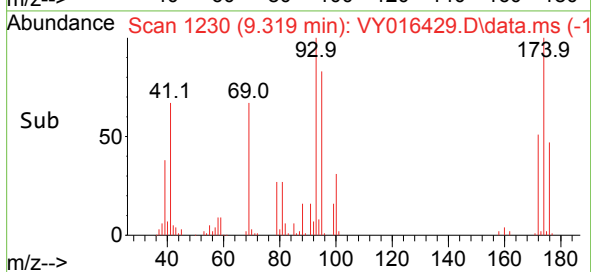
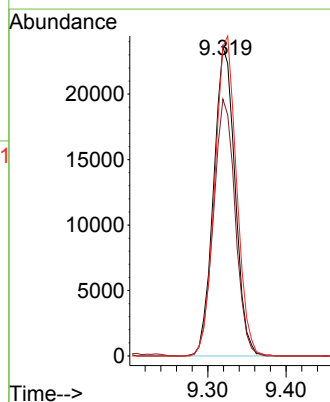
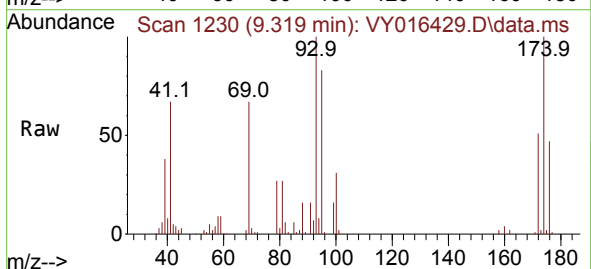
Instrument :
MSVOA_Y
ClientSampleId :

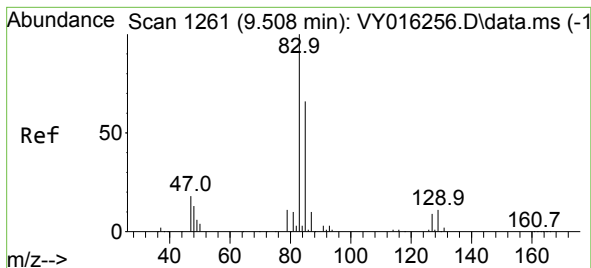
Tgt Ion: 63 Resp: 82495
Ion Ratio Lower Upper
63 100
65 30.6 23.8 35.6



#46
Dibromomethane
Concen: 50.488 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 93 Resp: 44910
Ion Ratio Lower Upper
93 100
95 83.9 66.6 100.0
174 105.2 84.8 127.2





#47

Bromodichloromethane

Concen: 52.767 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. -0.000 min

Lab File: VY016429.D

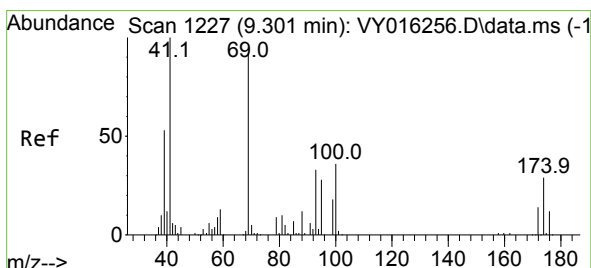
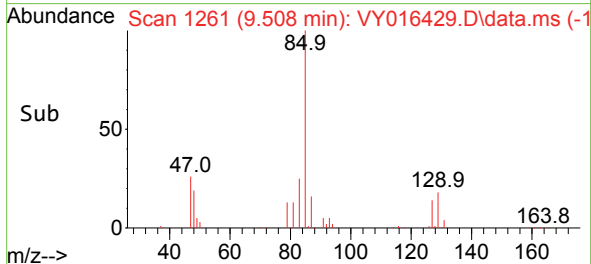
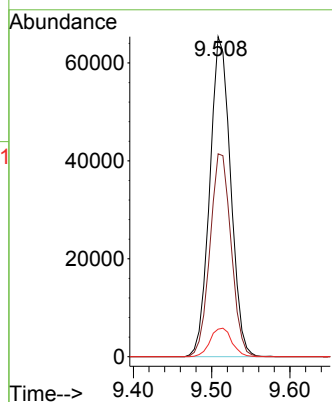
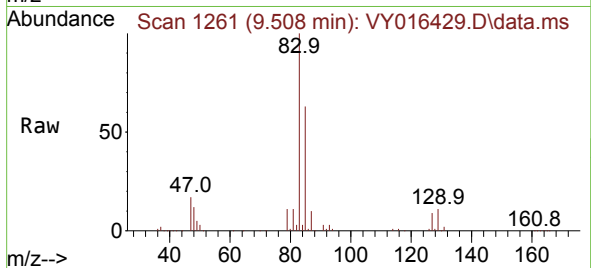
Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 120670
Ion Ratio	Lower Upper
83	100
85	63.4 50.1 75.1
127	8.6 7.1 10.7



#48

Methyl methacrylate

Concen: 45.840 ug/l

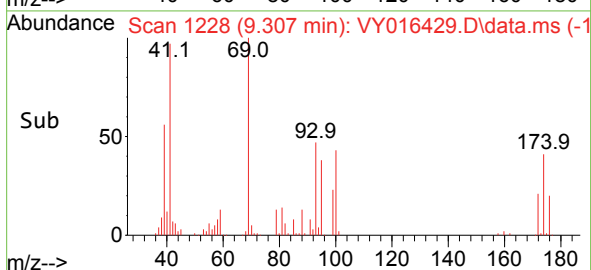
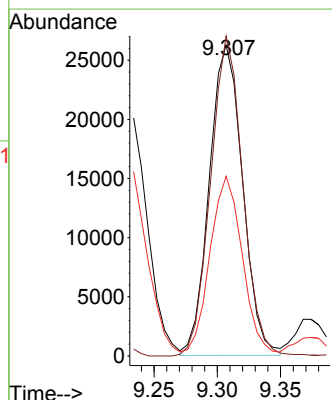
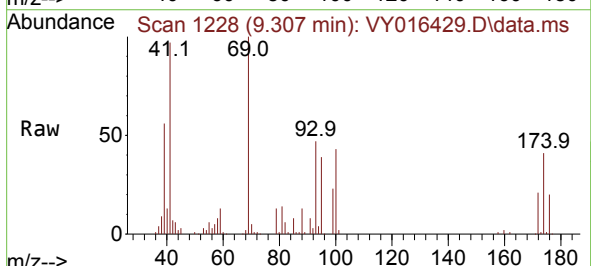
RT: 9.307 min Scan# 1228

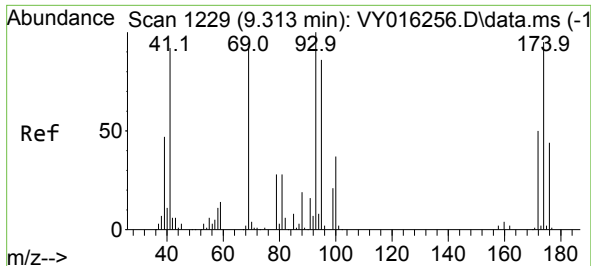
Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Tgt Ion: 41	Resp: 48136
Ion Ratio	Lower Upper
41	100
69	99.2 64.5 96.7#
39	54.2 50.8 76.2





#49

1,4-Dioxane

Concen: 1002.596 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

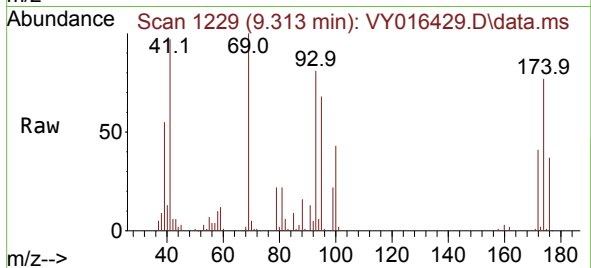
Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :



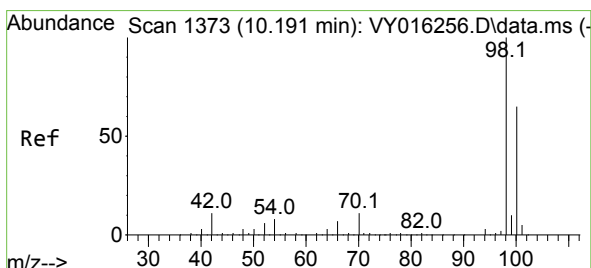
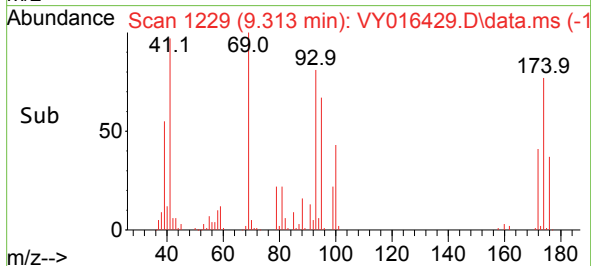
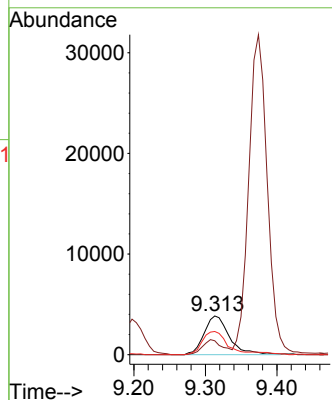
Tgt Ion: 88 Resp: 9468

Ion Ratio Lower Upper

88 100

43 31.1 0.0 0.0#

58 63.4 30.9 46.3#



#50

Toluene-d8

Concen: 51.664 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY016429.D

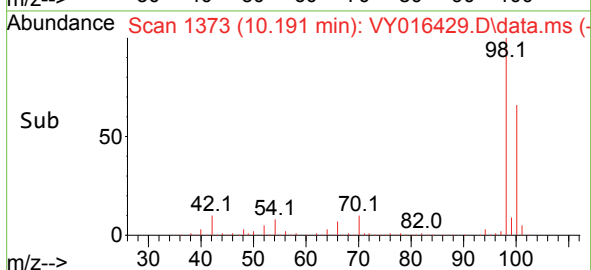
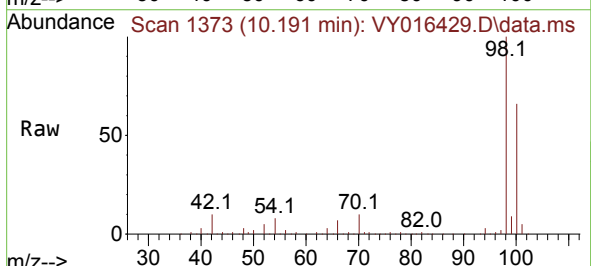
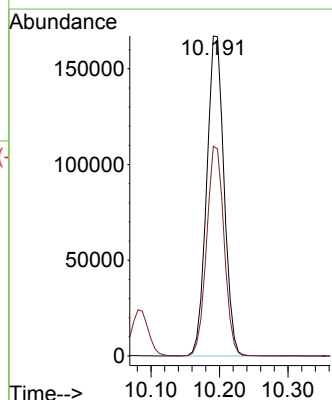
Acq: 20 Nov 2023 17:22

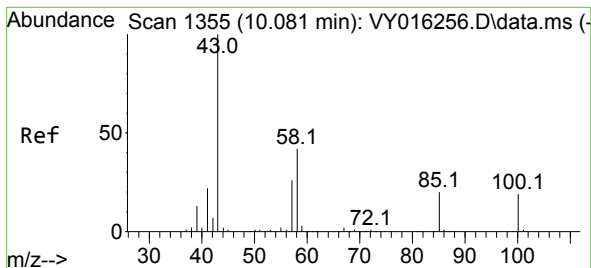
Tgt Ion: 98 Resp: 293528

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1

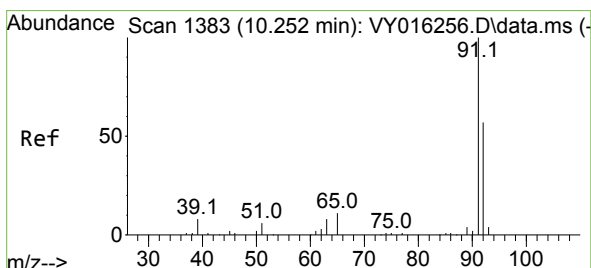
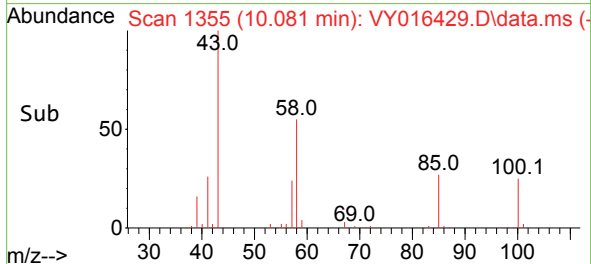
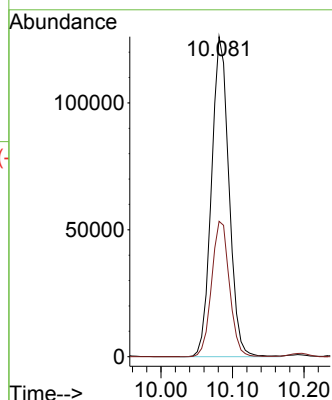
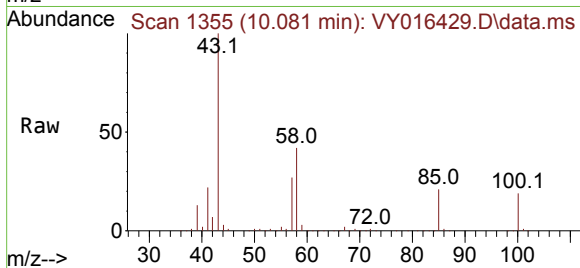




#51
4-Methyl-2-Pentanone
Concen: 222.273 ug/l
RT: 10.081 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

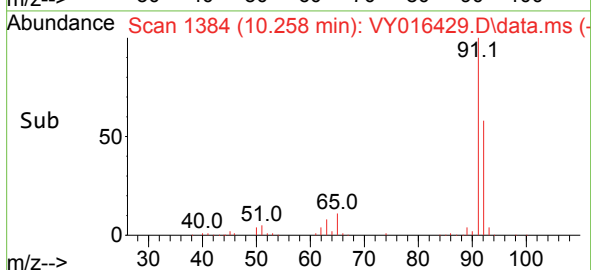
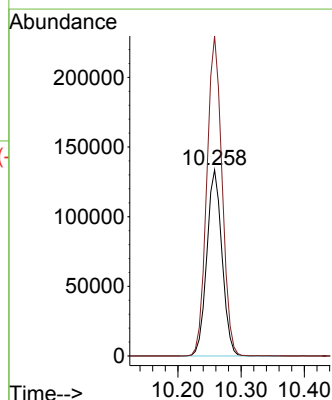
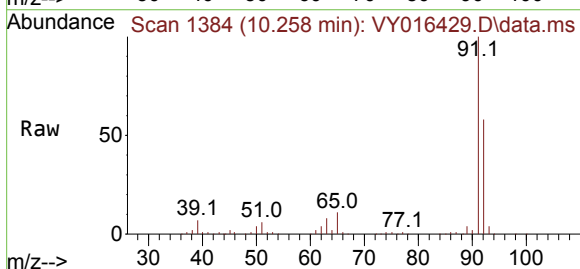
Instrument :
MSVOA_Y
ClientSampleId :

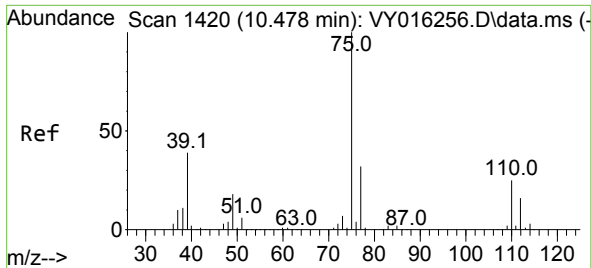
Tgt Ion: 43 Resp: 213560
Ion Ratio Lower Upper
43 100
58 43.2 29.0 43.6



#52
Toluene
Concen: 51.615 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 92 Resp: 223006
Ion Ratio Lower Upper
92 100
91 172.7 143.8 215.6

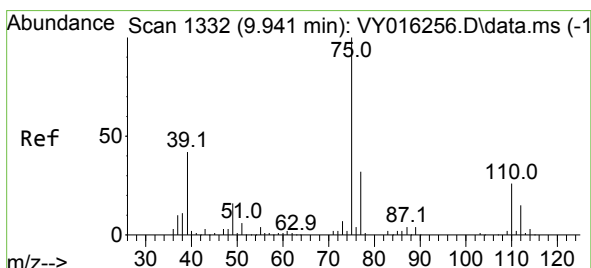
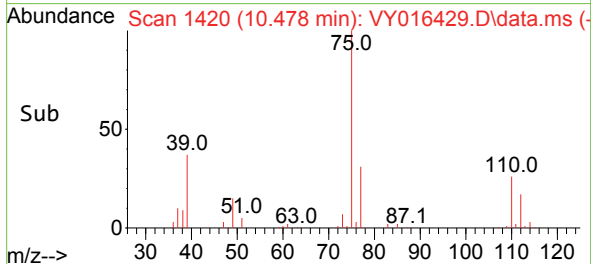
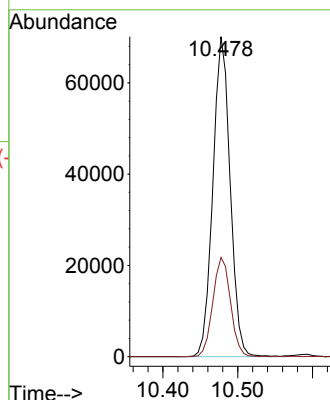
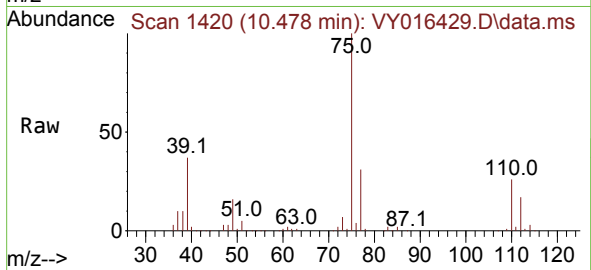




#53
t-1,3-Dichloropropene
Concen: 50.956 ug/l
RT: 10.478 min Scan# 1420
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

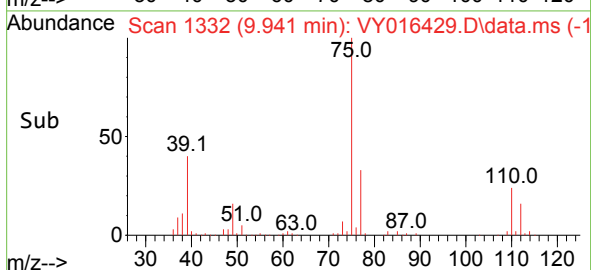
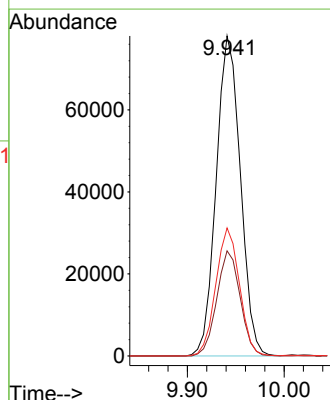
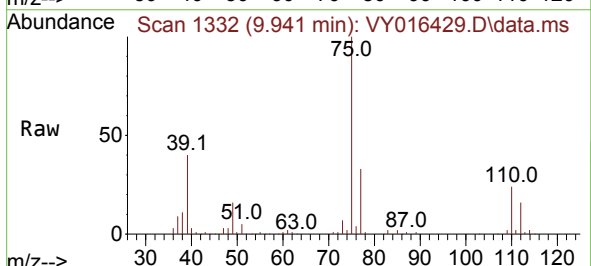
Instrument :
MSVOA_Y
ClientSampleId :

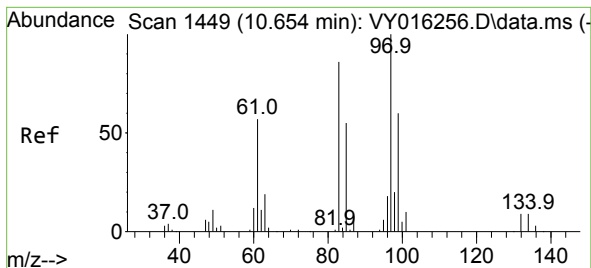
Tgt Ion: 75 Resp: 112966
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 51.141 ug/l
RT: 9.941 min Scan# 1332
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 75 Resp: 135414
Ion Ratio Lower Upper
75 100
77 32.8 24.2 36.4
39 40.0 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 52.340 ug/l

RT: 10.660 min Scan# 1449

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 64170

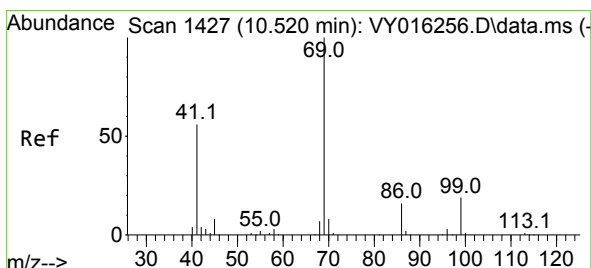
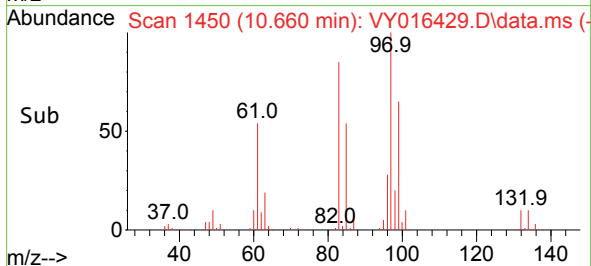
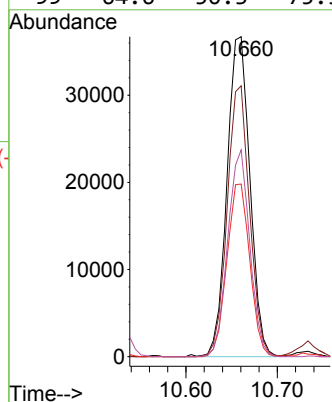
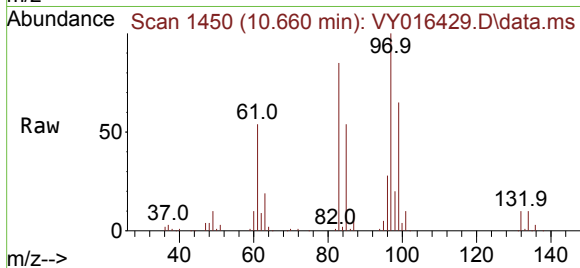
Ion Ratio Lower Upper

97 100

83 84.6 72.0 108.0

85 53.9 45.4 68.0

99 64.6 50.3 75.5



#56

Ethyl methacrylate

Concen: 49.756 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

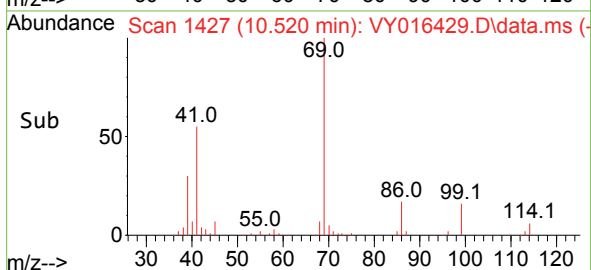
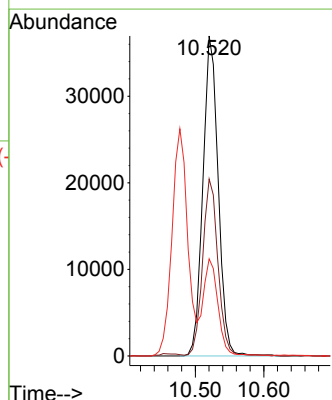
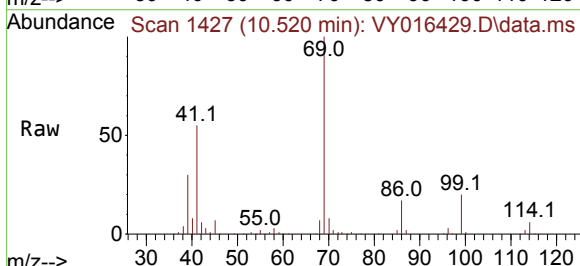
Tgt Ion: 69 Resp: 57584

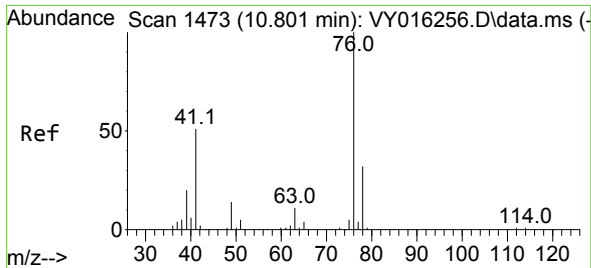
Ion Ratio Lower Upper

69 100

41 54.5 57.6 86.4#

39 29.6 34.1 51.1#

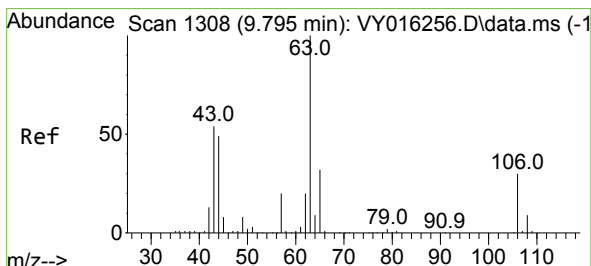
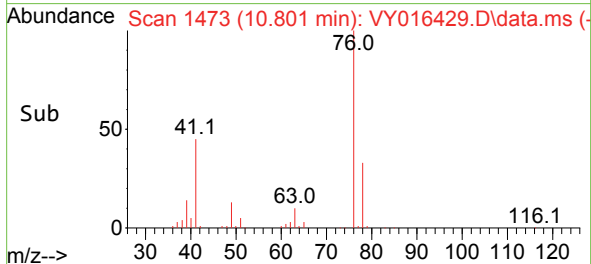
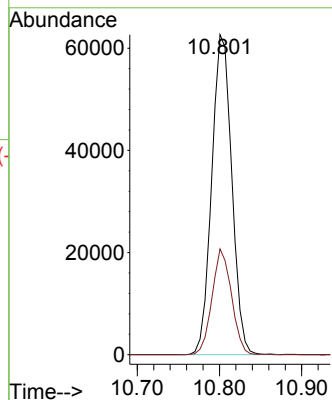
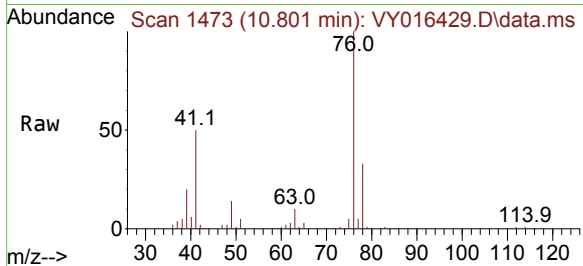




#57
1,3-Dichloropropane
Concen: 50.803 ug/l
RT: 10.801 min Scan# 1473
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

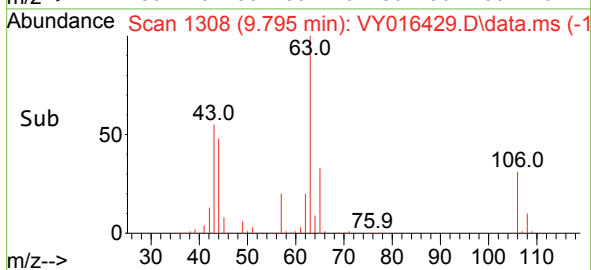
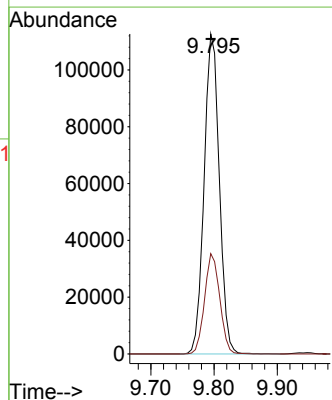
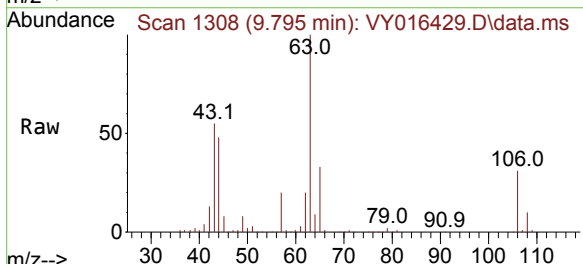
Instrument :
MSVOA_Y
ClientSampleId :

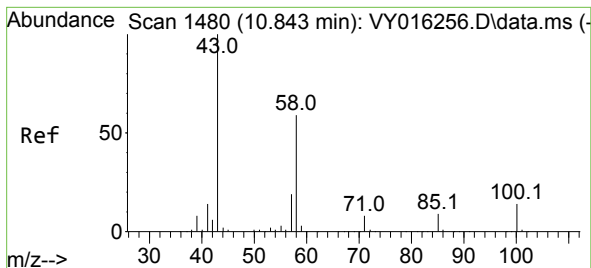
Tgt Ion: 76 Resp: 106170
Ion Ratio Lower Upper
76 100
78 32.0 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 240.630 ug/l
RT: 9.795 min Scan# 1308
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 63 Resp: 188834
Ion Ratio Lower Upper
63 100
106 31.3 21.2 31.8

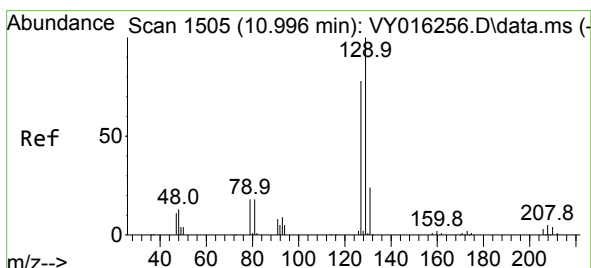
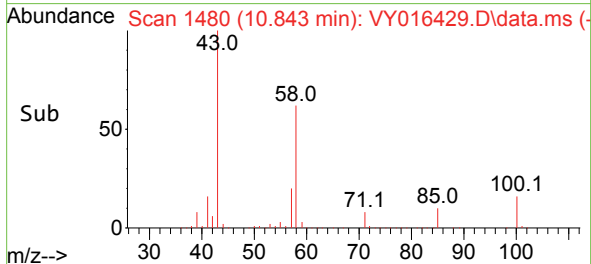
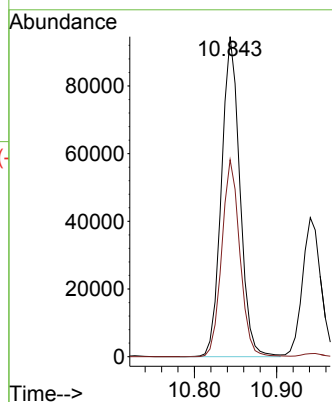
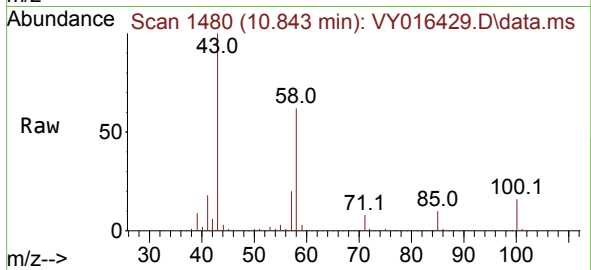




#59
2-Hexanone
Concen: 206.302 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

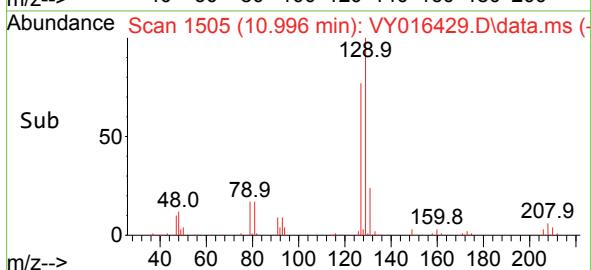
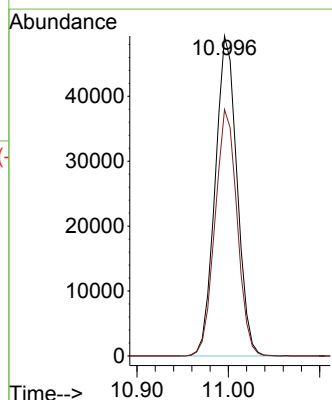
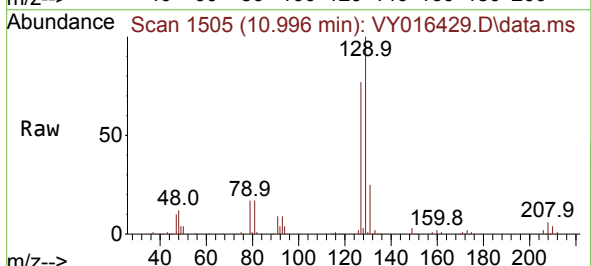
Instrument :
MSVOA_Y
ClientSampleId :

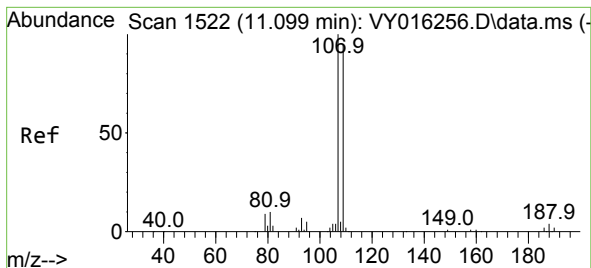
Tgt Ion: 43 Resp: 147437
Ion Ratio Lower Upper
43 100
58 60.5 25.1 75.3



#60
Dibromochloromethane
Concen: 53.422 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 129 Resp: 81913
Ion Ratio Lower Upper
129 100
127 77.9 38.5 115.5

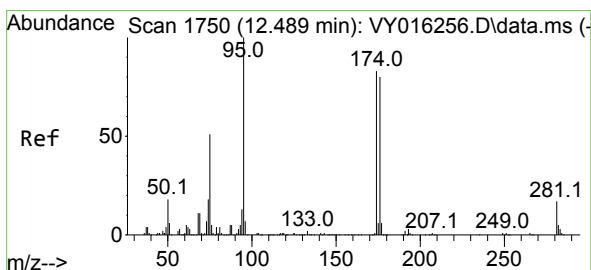
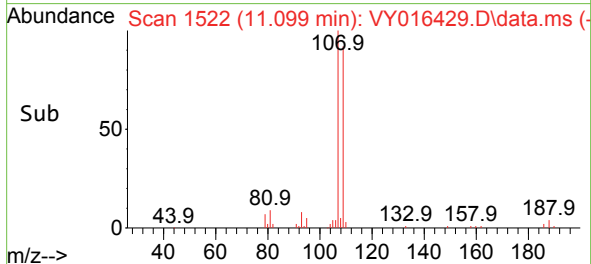
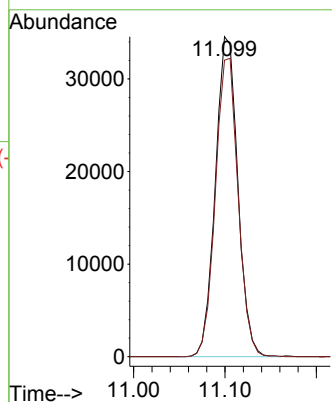
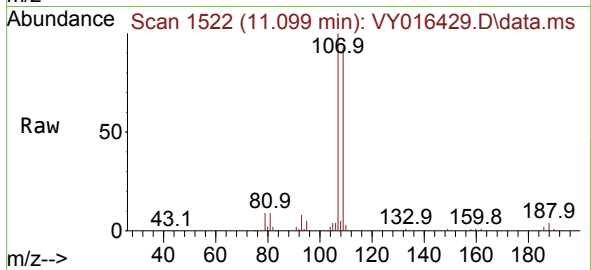




#61
1,2-Dibromoethane
Concen: 50.464 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

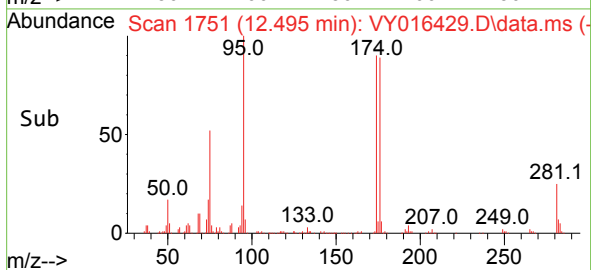
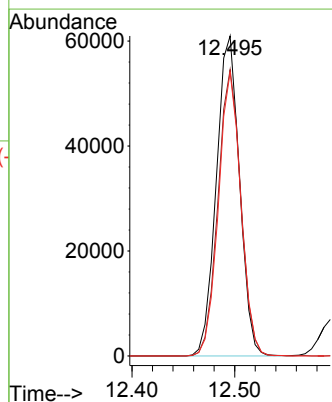
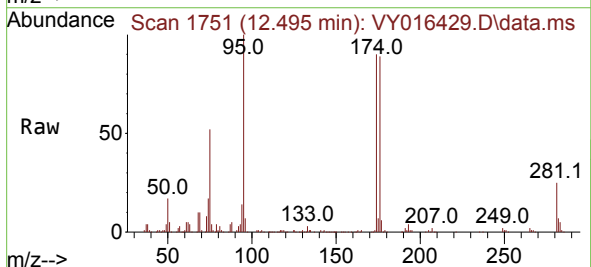
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:107 Resp: 58944
Ion Ratio Lower Upper
107 100
109 94.4 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.595 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 95 Resp: 95206
Ion Ratio Lower Upper
95 100
174 88.5 0.0 178.2
176 85.8 0.0 173.8

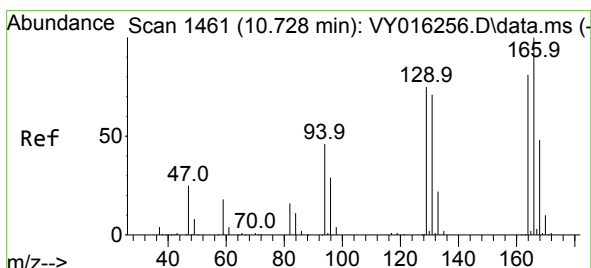
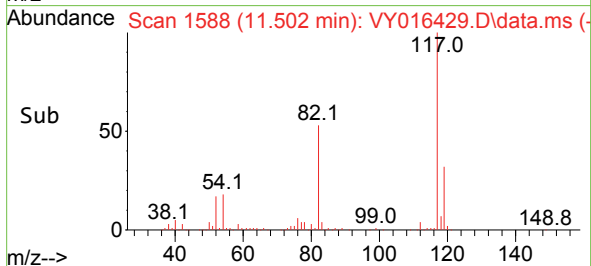
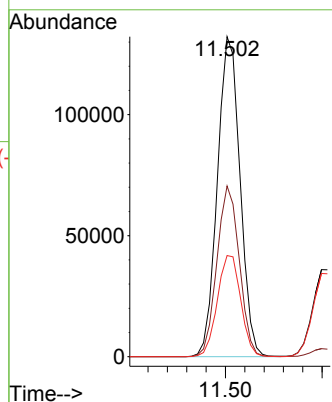
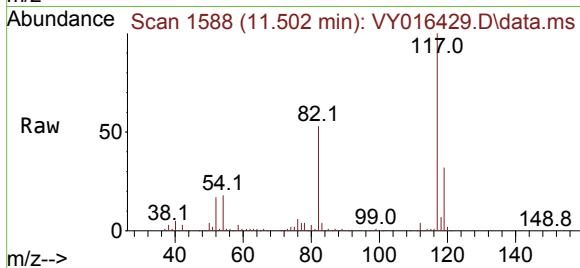




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

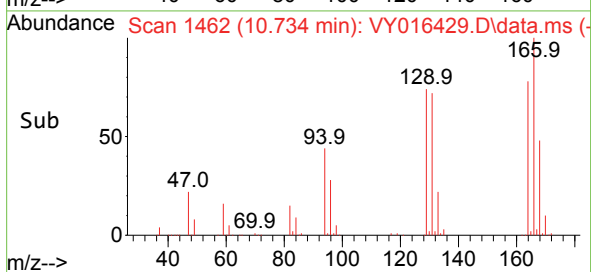
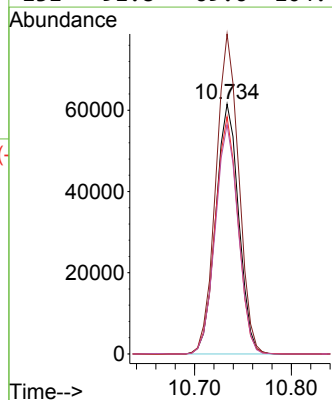
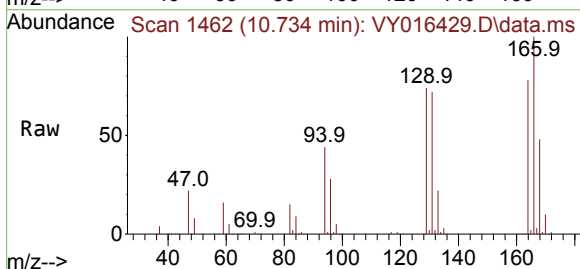
Instrument :
MSVOA_Y
ClientSampleId :

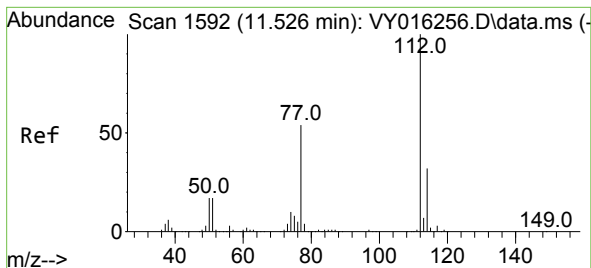
Tgt Ion:117 Resp: 214883
Ion Ratio Lower Upper
117 100
82 53.3 43.4 65.0
119 31.6 26.3 39.5



#64
Tetrachloroethene
Concen: 52.628 ug/l
RT: 10.734 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion:164 Resp: 101543
Ion Ratio Lower Upper
164 100
166 128.1 103.0 154.6
129 95.0 77.2 115.8
131 91.8 69.6 104.4





#65

Chlorobenzene

Concen: 52.305 ug/l

RT: 11.526 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

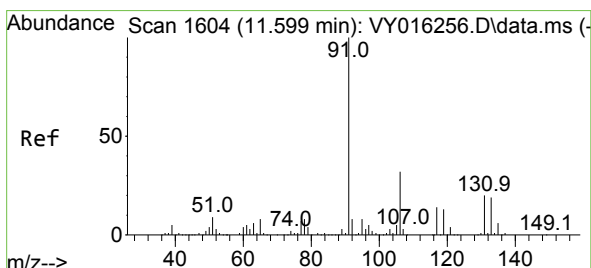
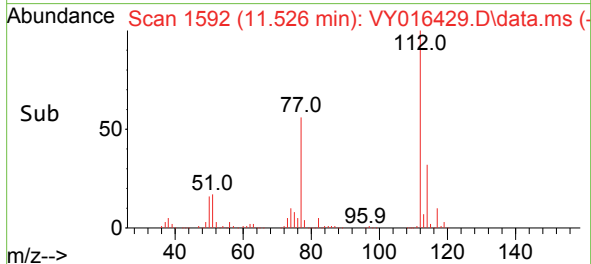
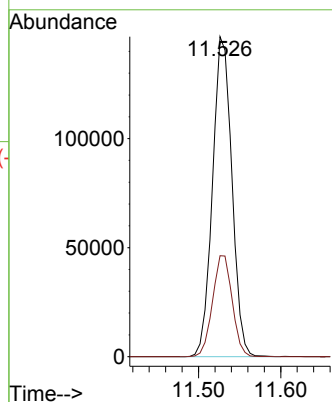
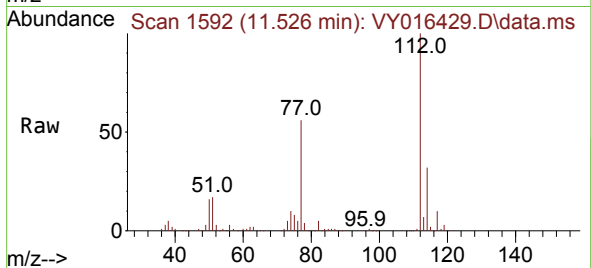
ClientSampleId :

Tgt Ion:112 Resp: 240136

Ion Ratio Lower Upper

112 100

114 31.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 54.049 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

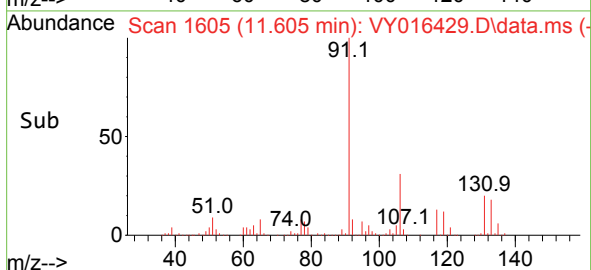
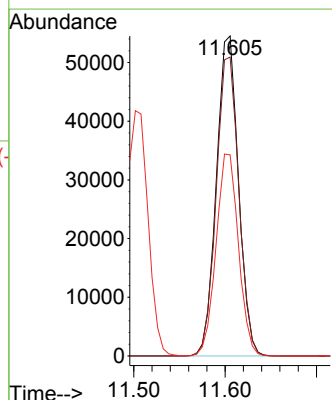
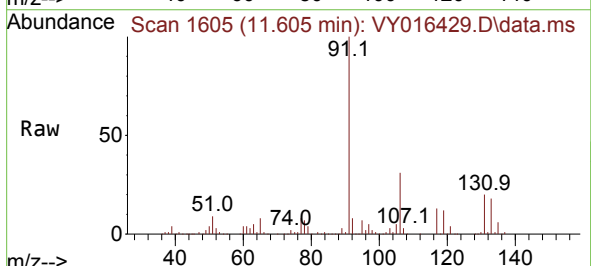
Tgt Ion:131 Resp: 91522

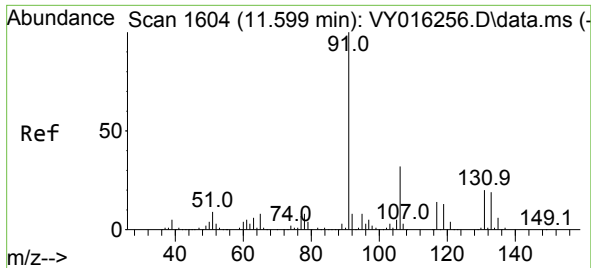
Ion Ratio Lower Upper

131 100

133 95.7 47.5 142.6

119 64.1 31.6 94.7

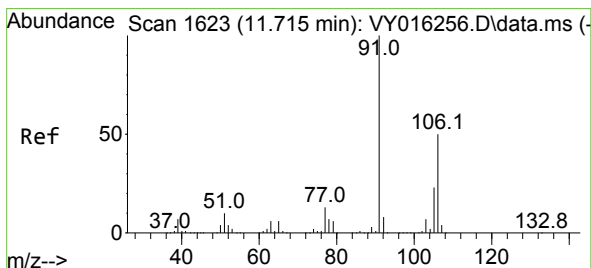
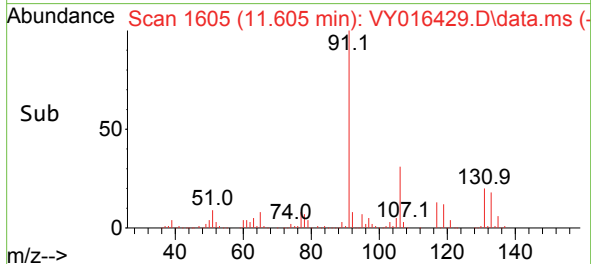
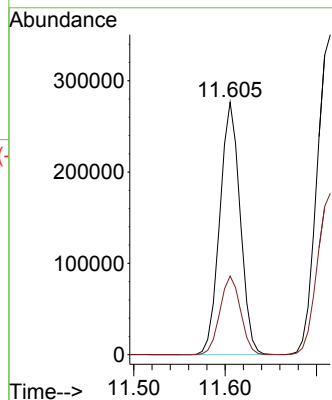
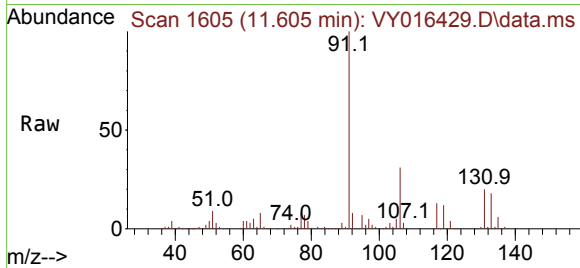




#67
Ethyl Benzene
Concen: 51.887 ug/l
RT: 11.605 min Scan# 1605
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

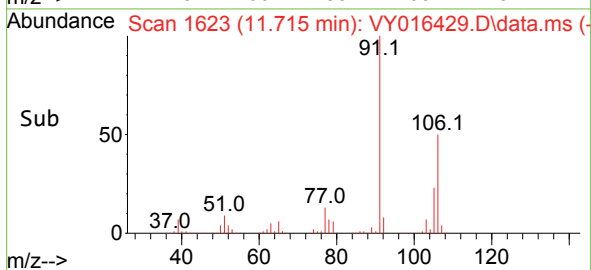
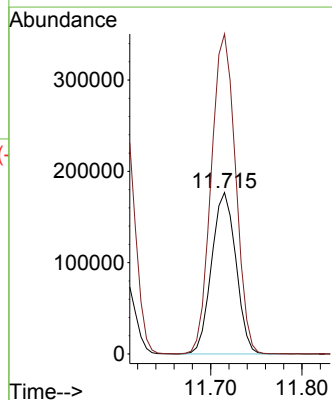
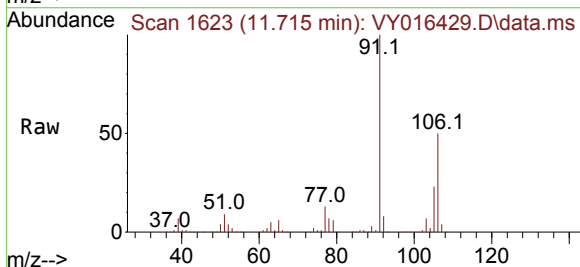
Instrument :
MSVOA_Y
ClientSampleId :

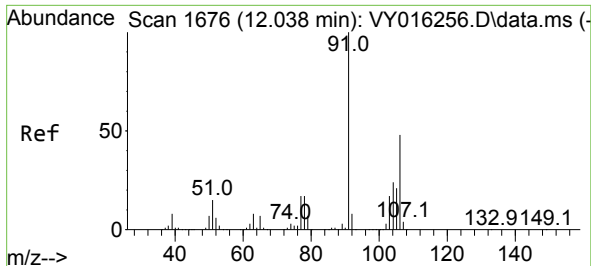
Tgt Ion: 91 Resp: 428111
Ion Ratio Lower Upper
91 100
106 31.2 24.6 36.8



#68
m/p-Xylenes
Concen: 104.419 ug/l
RT: 11.715 min Scan# 1623
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion:106 Resp: 326776
Ion Ratio Lower Upper
106 100
91 198.5 166.1 249.1

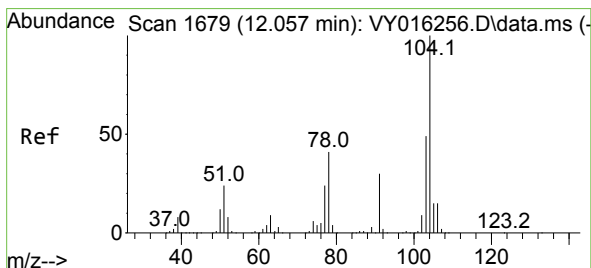
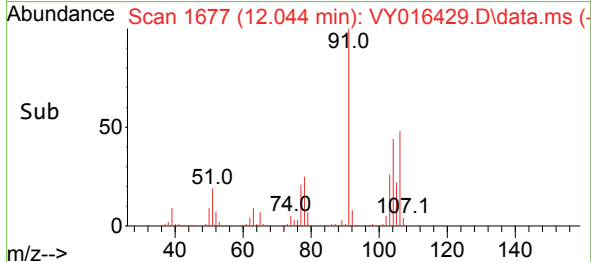
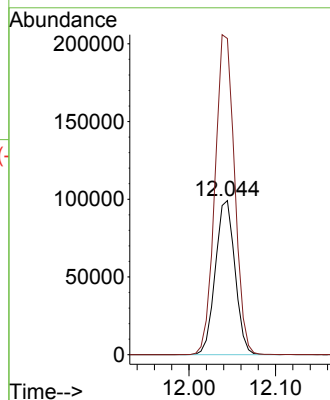
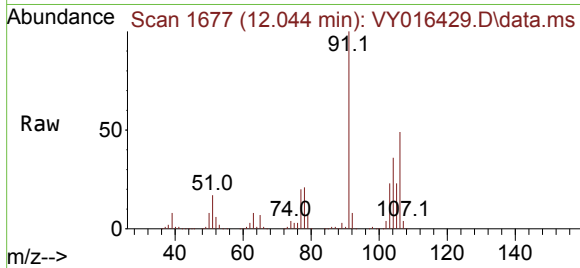




#69
o-Xylene
Concen: 53.676 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

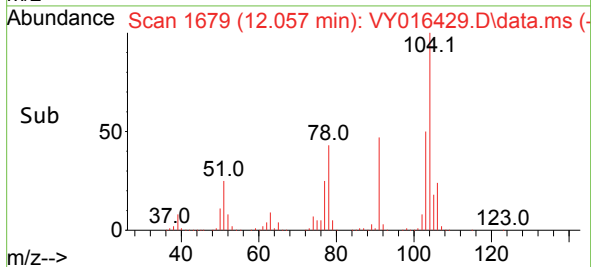
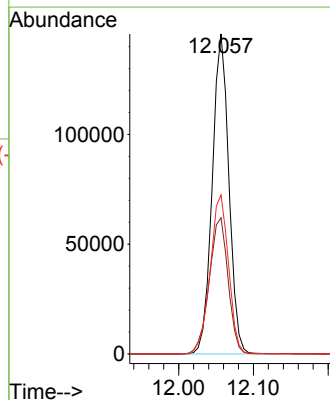
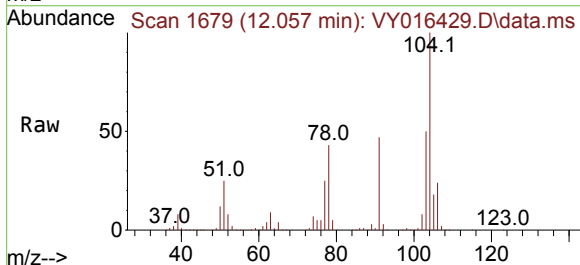
Instrument :
MSVOA_Y
ClientSampleId :

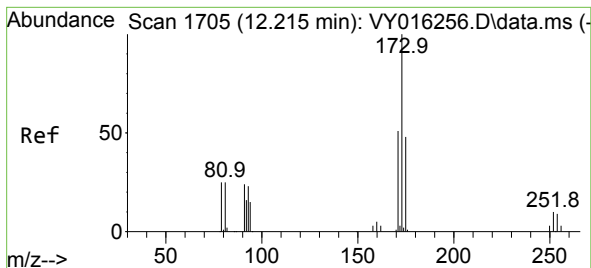
Tgt Ion:106 Resp: 155961
Ion Ratio Lower Upper
106 100
91 207.7 108.1 324.3



#70
Styrene
Concen: 54.356 ug/l
RT: 12.057 min Scan# 1679
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion:104 Resp: 226146
Ion Ratio Lower Upper
104 100
78 48.2 41.5 62.3
103 55.0 44.6 67.0





#71

Bromoform

Concen: 53.568 ug/l

RT: 12.221 min Scan# 1706

Delta R.T. 0.006 min

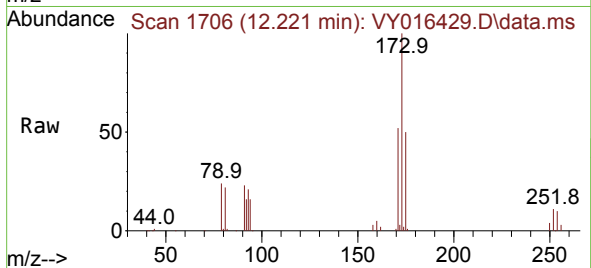
Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :



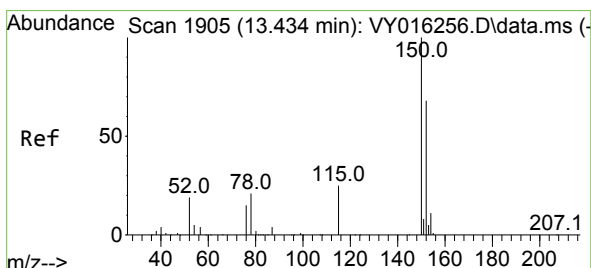
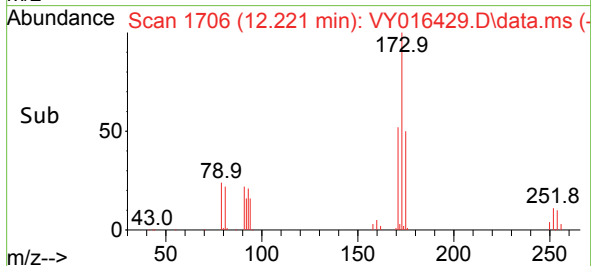
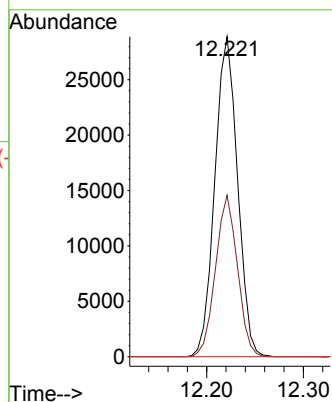
Tgt Ion:173 Resp: 47067

Ion Ratio Lower Upper

173 100

175 48.7 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

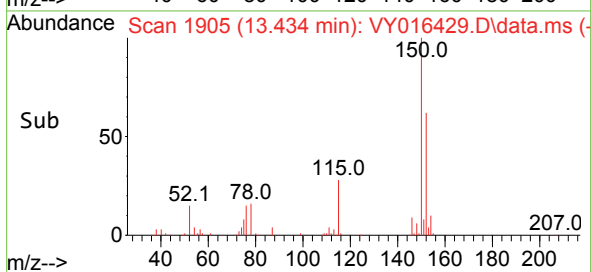
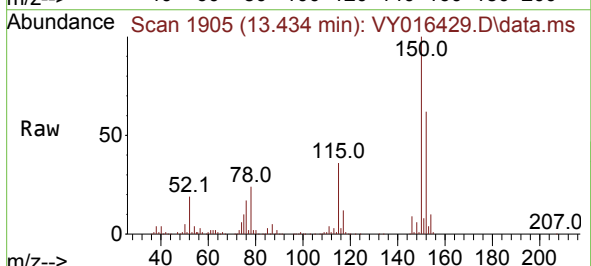
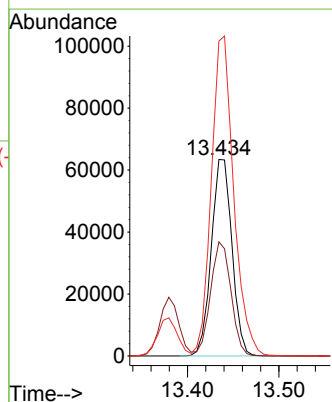
Tgt Ion:152 Resp: 99695

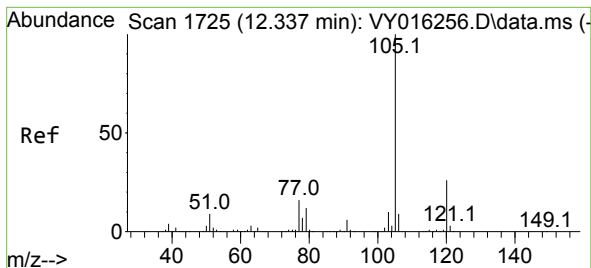
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 176.2 0.0 348.8





#73

Isopropylbenzene

Concen: 51.543 ug/l

RT: 12.343 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

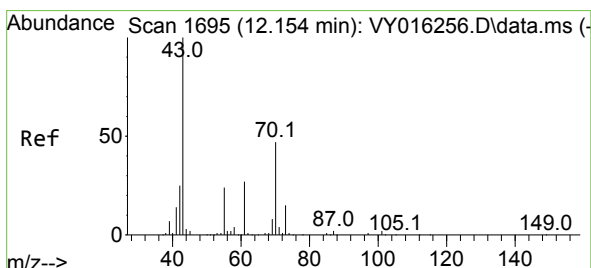
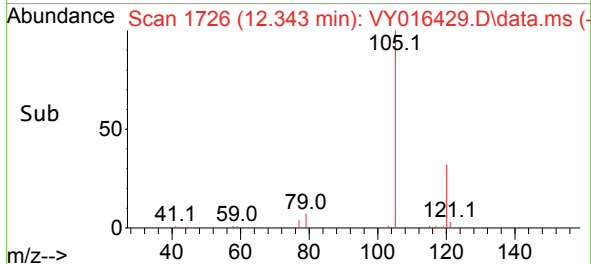
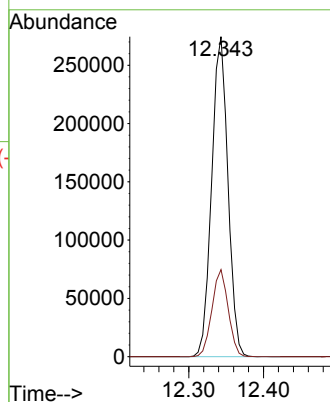
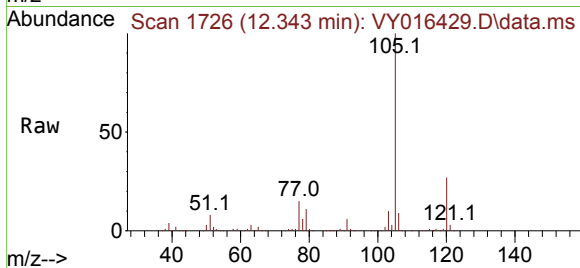
ClientSampleId :

Tgt Ion:105 Resp: 416114

Ion Ratio Lower Upper

105 100

120 27.1 13.3 39.9



#74

N-ethyl acetate

Concen: 39.951 ug/l

RT: 12.154 min Scan# 1695

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Tgt Ion: 43 Resp: 64785

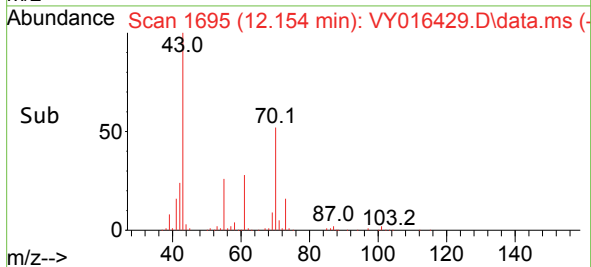
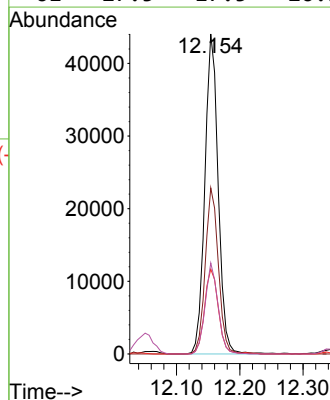
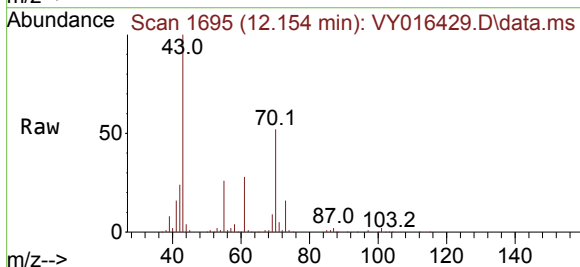
Ion Ratio Lower Upper

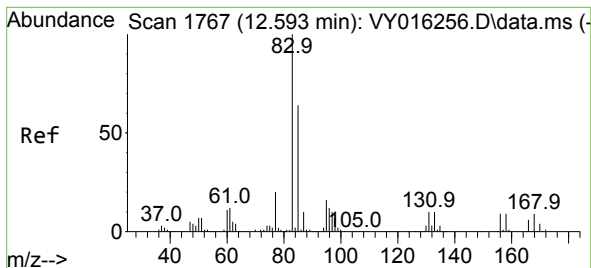
43 100

70 51.2 29.7 44.5#

55 27.3 18.3 27.5

61 27.5 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 48.329 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

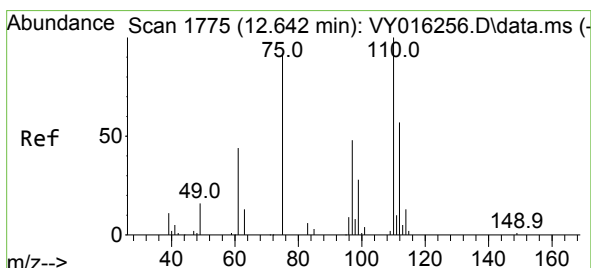
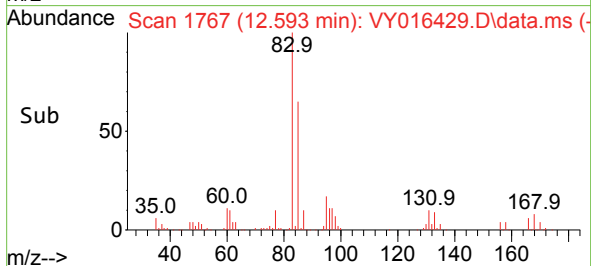
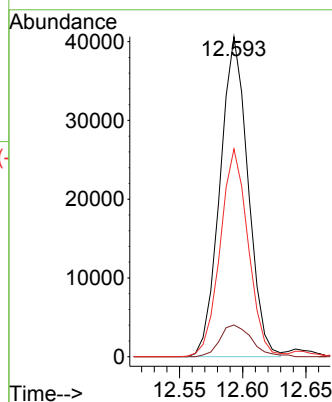
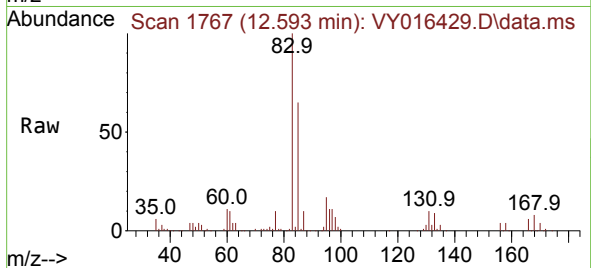
Tgt Ion: 83 Resp: 62608

Ion Ratio Lower Upper

83 100

131 11.3 5.4 16.2

85 64.9 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 87.522 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY016429.D

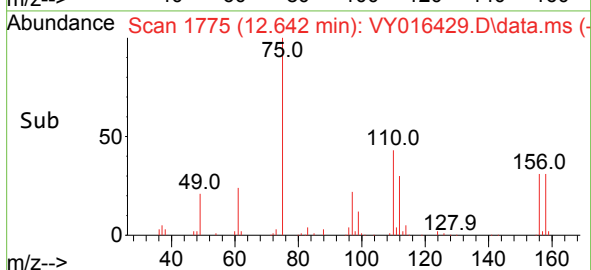
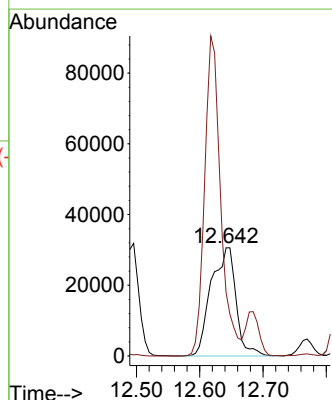
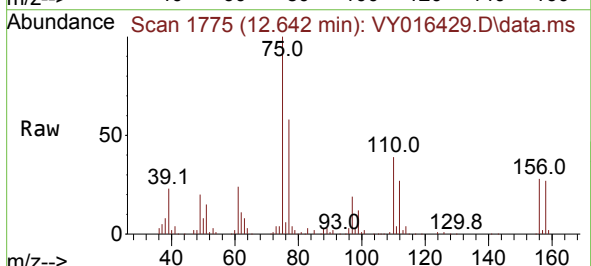
Acq: 20 Nov 2023 17:22

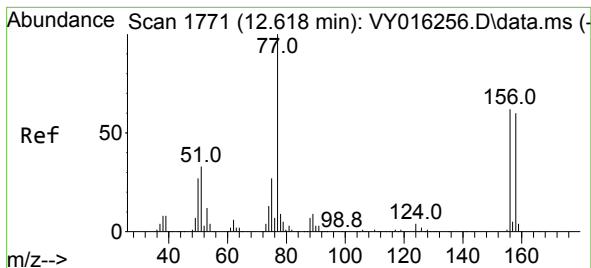
Tgt Ion: 75 Resp: 83703

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.375 ug/l

RT: 12.623 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

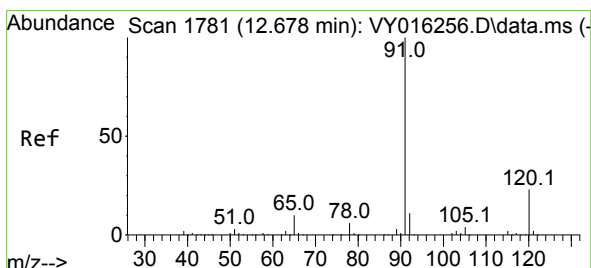
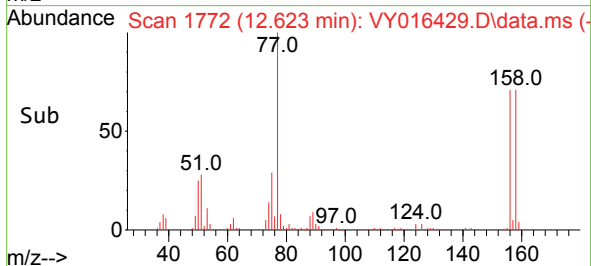
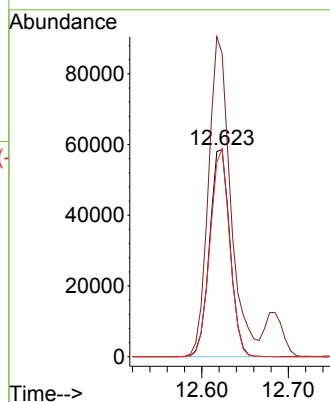
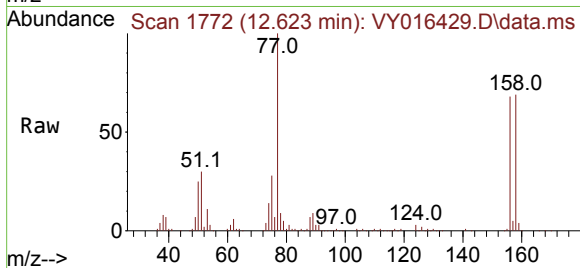
Tgt Ion:156 Resp: 95564

Ion Ratio Lower Upper

156 100

77 168.6 92.8 278.6

158 97.2 48.4 145.3



#78

n-propylbenzene

Concen: 50.476 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016429.D

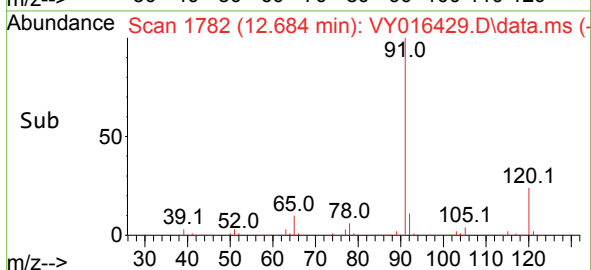
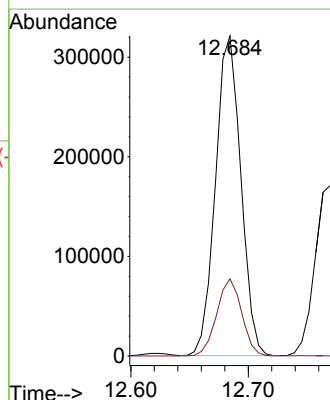
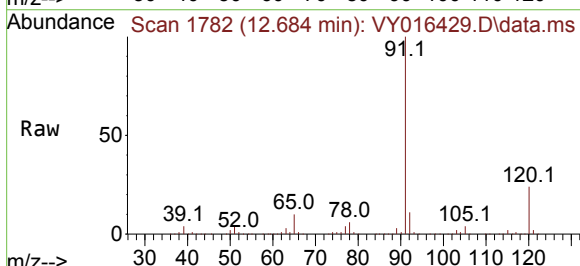
Acq: 20 Nov 2023 17:22

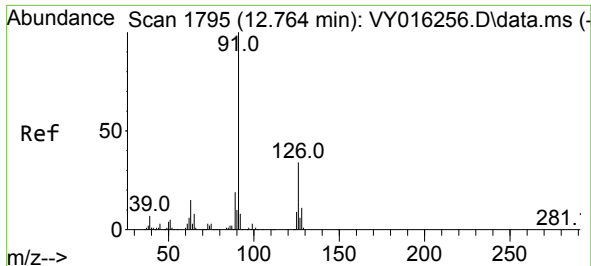
Tgt Ion: 91 Resp: 481576

Ion Ratio Lower Upper

91 100

120 23.7 11.5 34.4

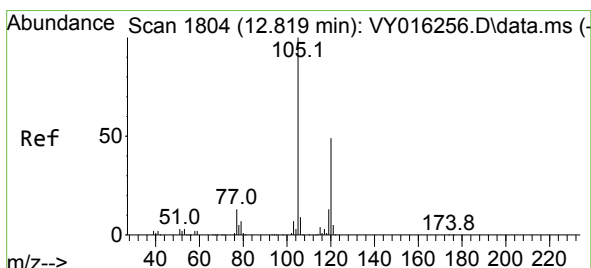
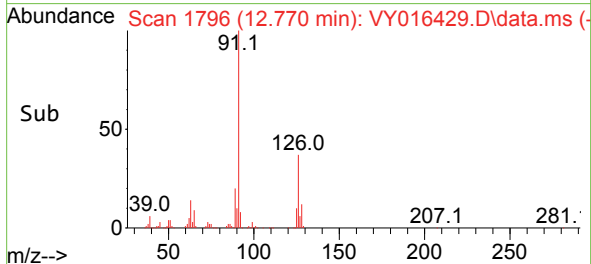
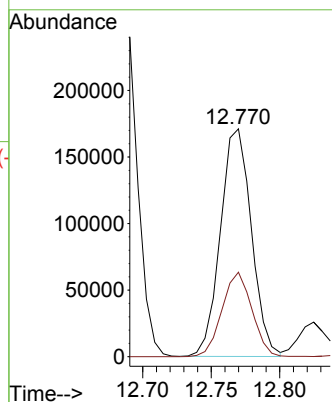
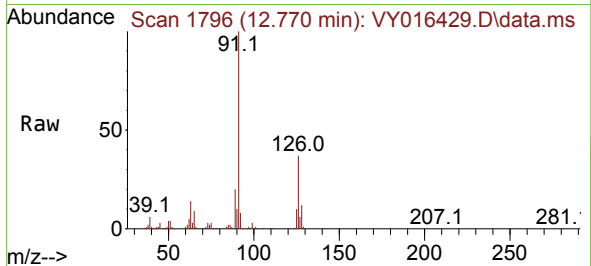




#79
2-Chlorotoluene
Concen: 51.165 ug/l
RT: 12.770 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

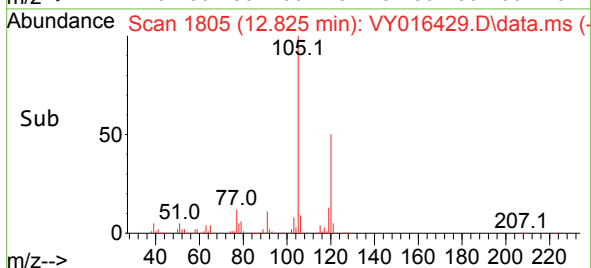
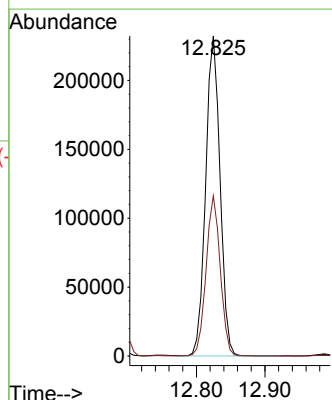
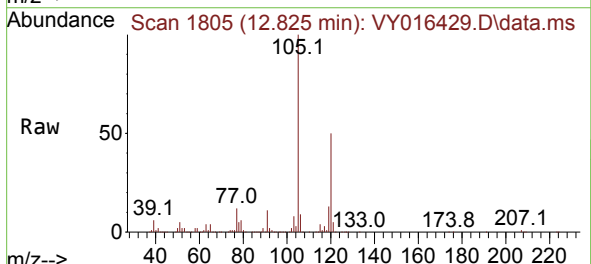
Instrument :
MSVOA_Y
ClientSampleId :

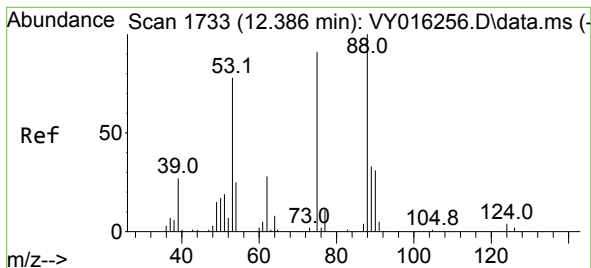
Tgt Ion: 91 Resp: 269017
Ion Ratio Lower Upper
91 100
126 35.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 52.087 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion:105 Resp: 339030
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

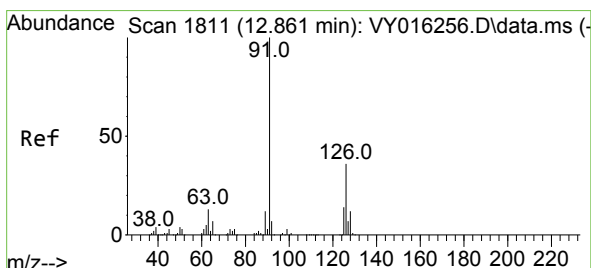
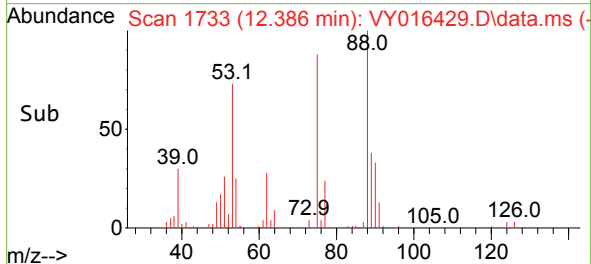
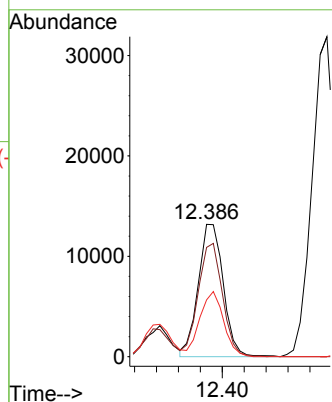
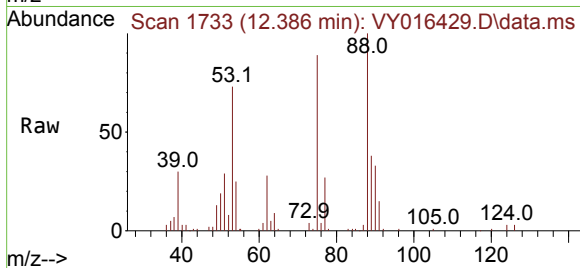




#81
trans-1,4-Dichloro-2-butene
Concen: 47.471 ug/l
RT: 12.386 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

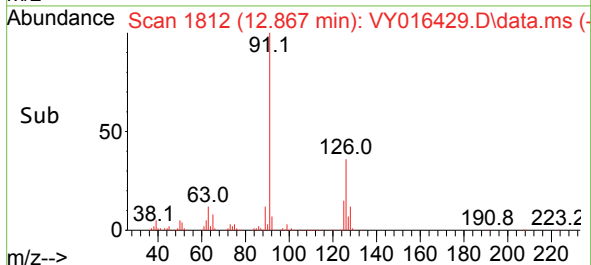
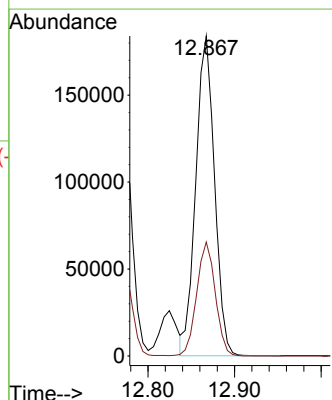
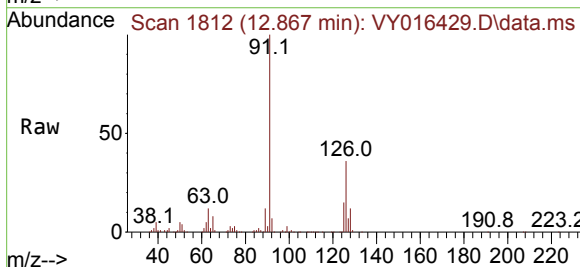
Instrument :
MSVOA_Y
ClientSampleId :

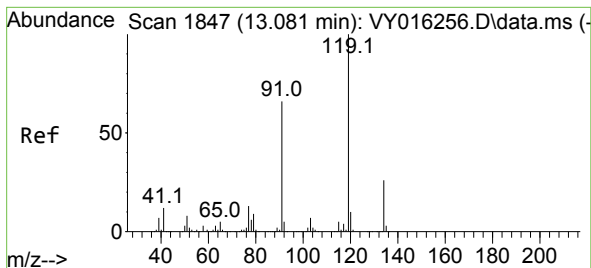
Tgt Ion: 75 Resp: 20916
Ion Ratio Lower Upper
75 100
53 83.5 77.8 116.8
89 46.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.796 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016429.D
Acq: 20 Nov 2023 17:22

Tgt Ion: 91 Resp: 275975
Ion Ratio Lower Upper
91 100
126 35.4 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.884 ug/l

RT: 13.087 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

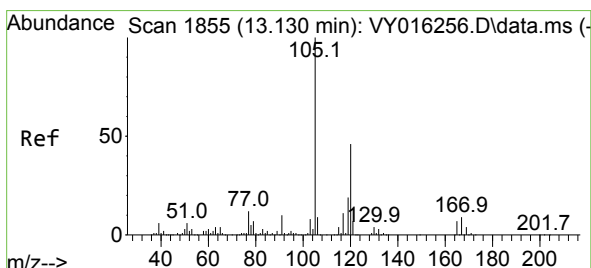
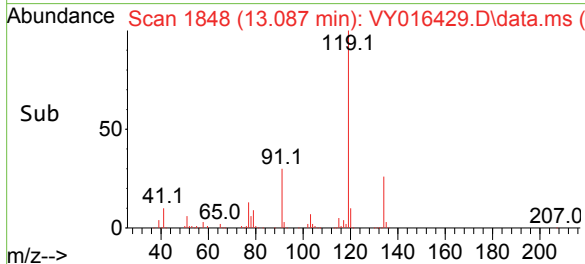
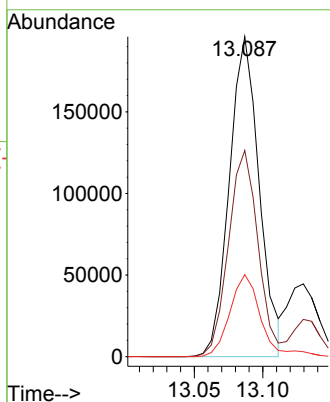
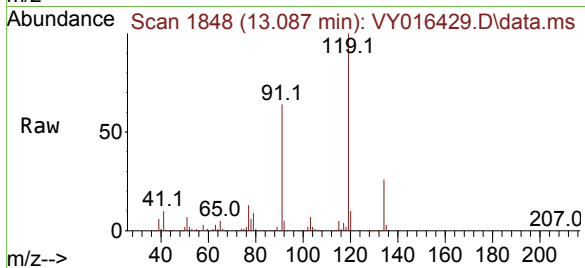
Tgt Ion:119 Resp: 297458

Ion Ratio Lower Upper

119 100

91 63.7 32.9 98.6

134 26.6 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.547 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. -0.000 min

Lab File: VY016429.D

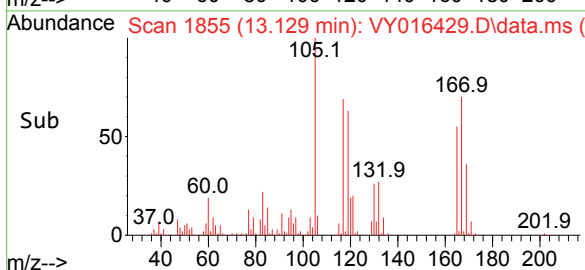
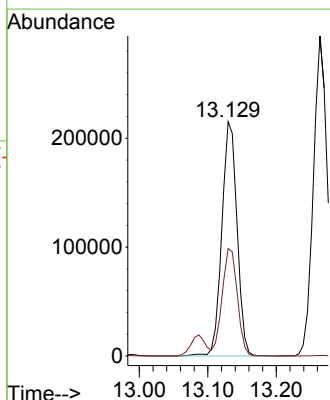
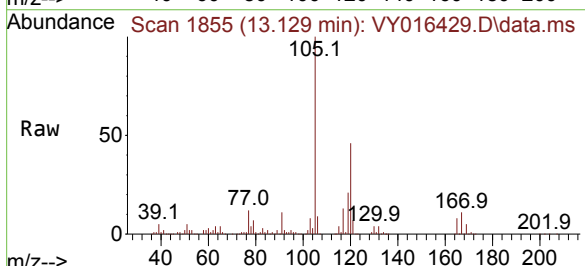
Acq: 20 Nov 2023 17:22

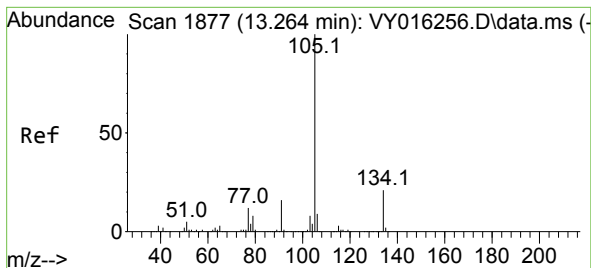
Tgt Ion:105 Resp: 330364

Ion Ratio Lower Upper

105 100

120 45.8 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.351 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

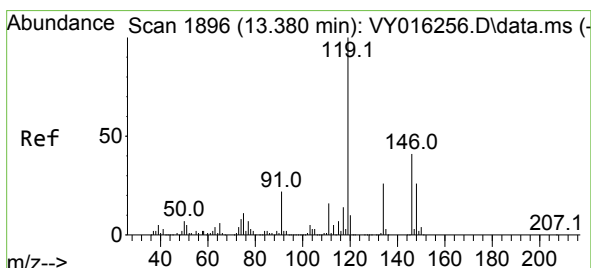
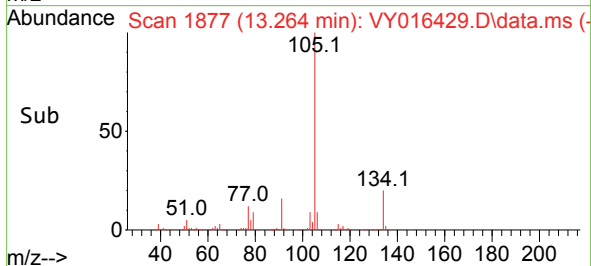
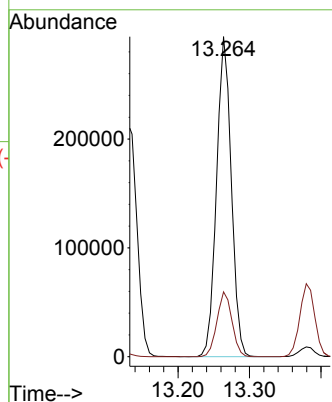
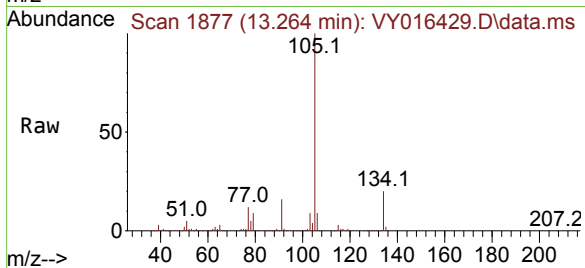
ClientSampleId :

Tgt Ion:105 Resp: 420593

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 51.625 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

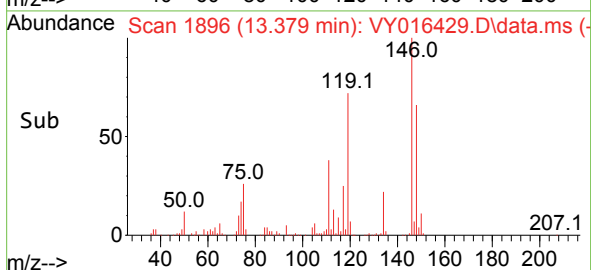
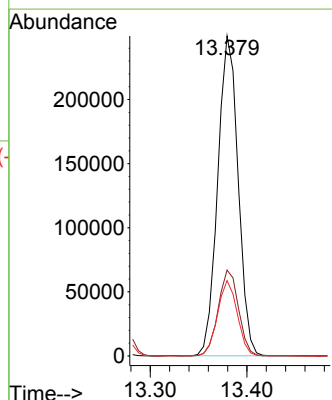
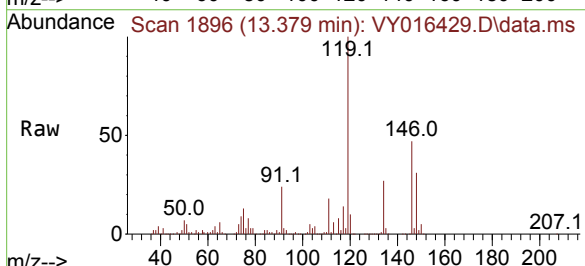
Tgt Ion:119 Resp: 364092

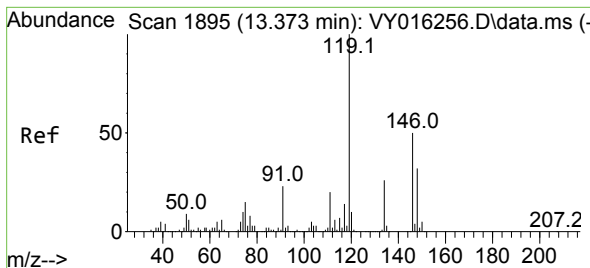
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

91 22.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 51.592 ug/l

RT: 13.379 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

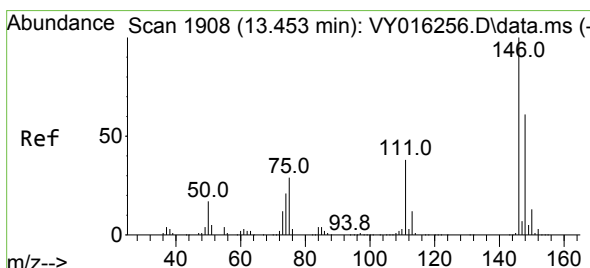
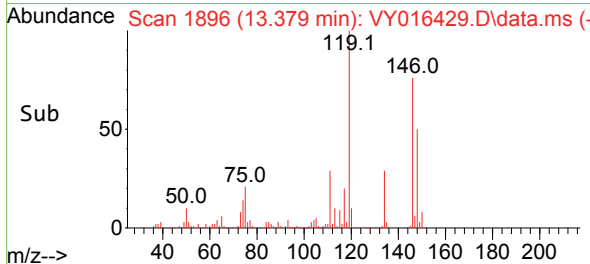
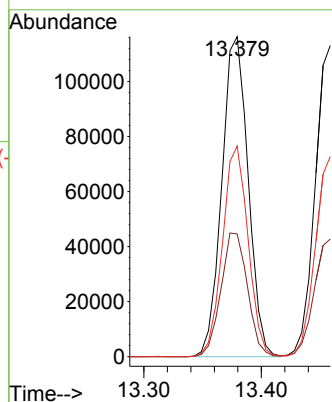
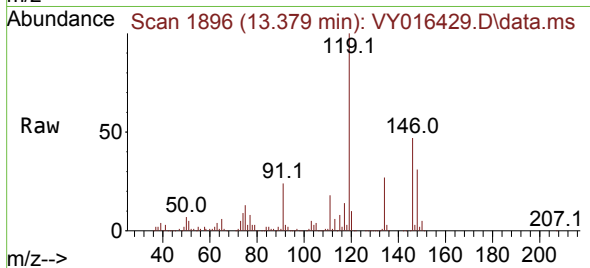
Tgt Ion:146 Resp: 181106

Ion Ratio Lower Upper

146 100

111 39.0 19.4 58.2

148 63.9 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 51.452 ug/l

RT: 13.459 min Scan# 1909

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

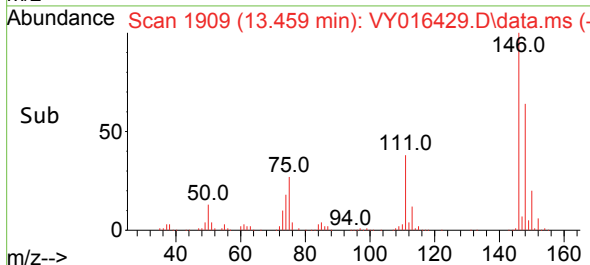
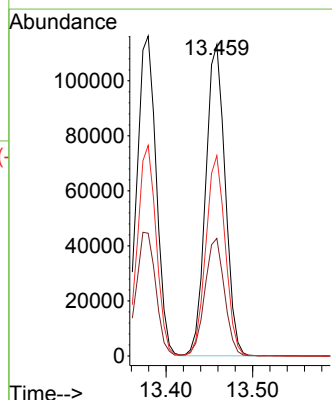
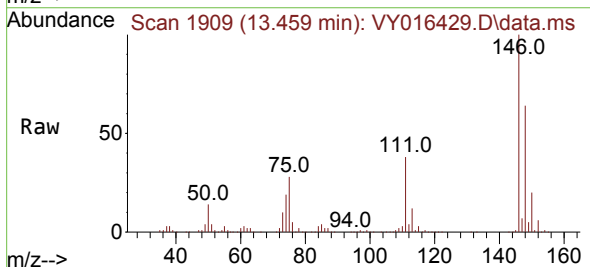
Tgt Ion:146 Resp: 176513

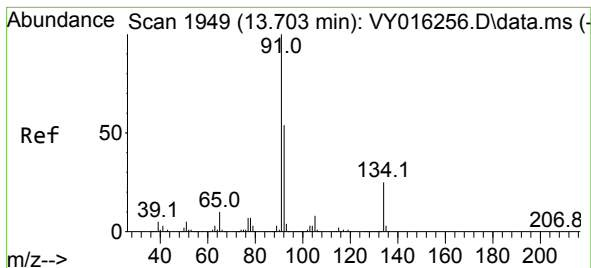
Ion Ratio Lower Upper

146 100

111 38.2 18.9 56.7

148 64.3 32.1 96.5





#89

n-Butylbenzene

Concen: 49.952 ug/l

RT: 13.709 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

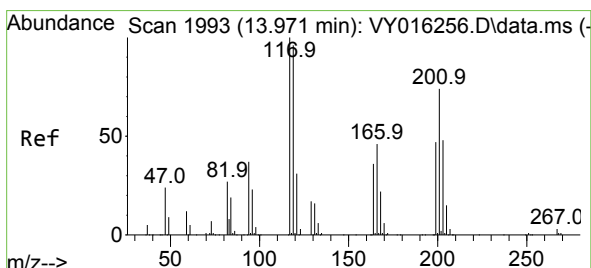
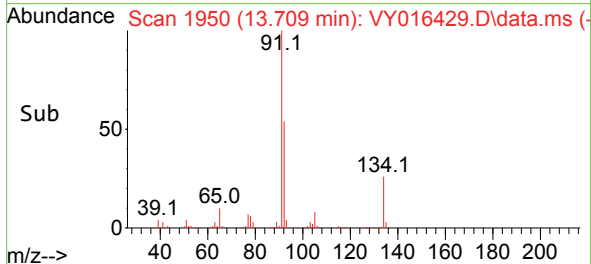
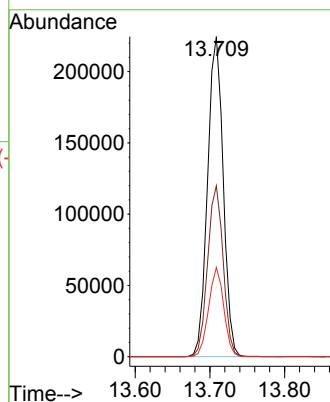
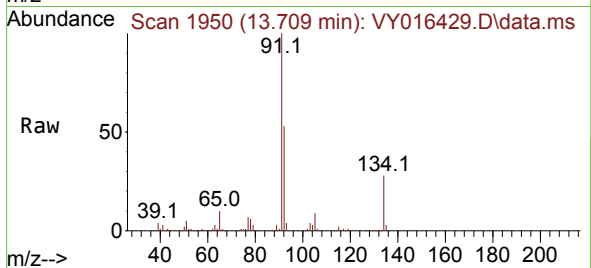
Tgt Ion: 91 Resp: 325344

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 27.0 12.6 37.6



#90

Hexachloroethane

Concen: 51.723 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY016429.D

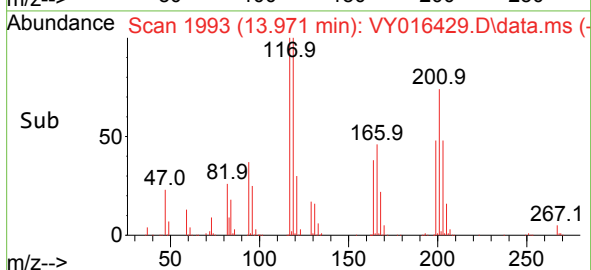
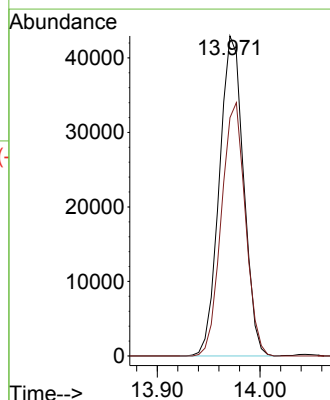
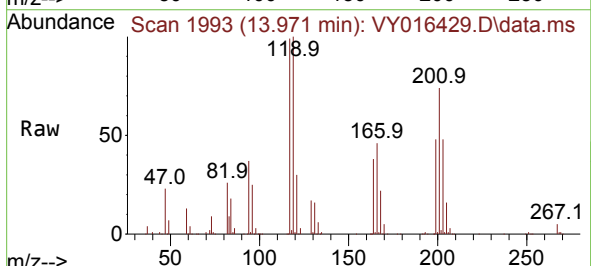
Acq: 20 Nov 2023 17:22

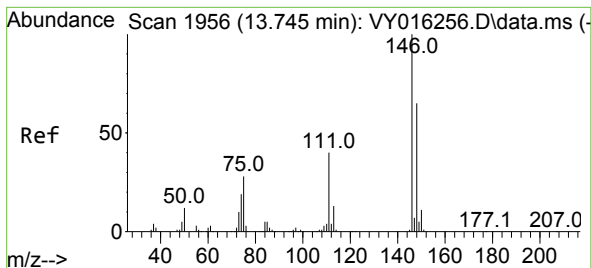
Tgt Ion: 117 Resp: 70368

Ion Ratio Lower Upper

117 100

201 78.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.139 ug/l

RT: 13.751 min Scan# 1956

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

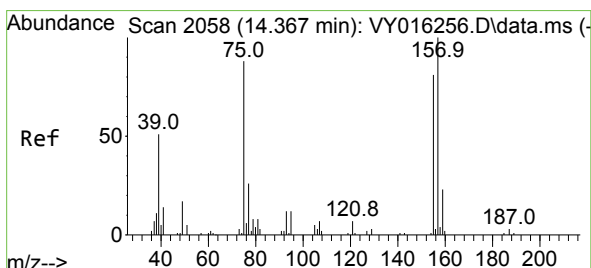
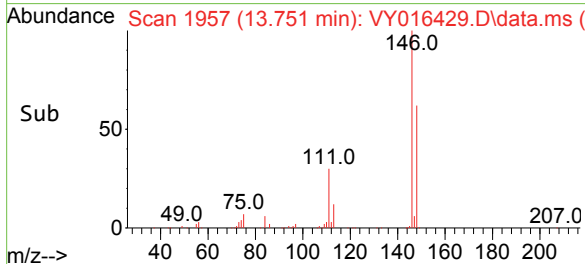
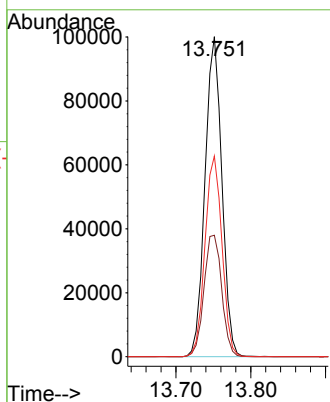
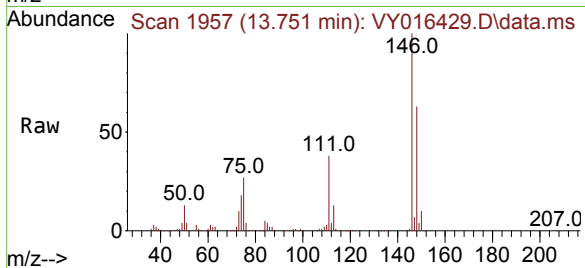
Tgt Ion:146 Resp: 156836

Ion Ratio Lower Upper

146 100

111 40.0 19.7 59.0

148 63.2 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.429 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

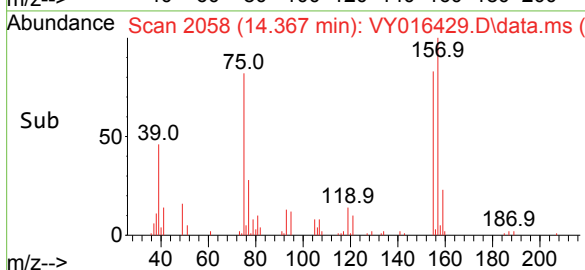
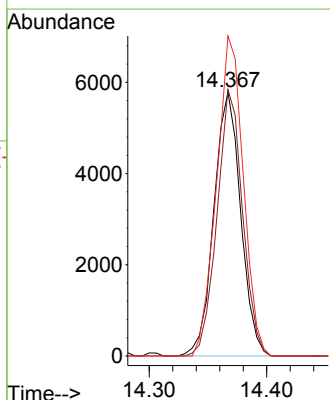
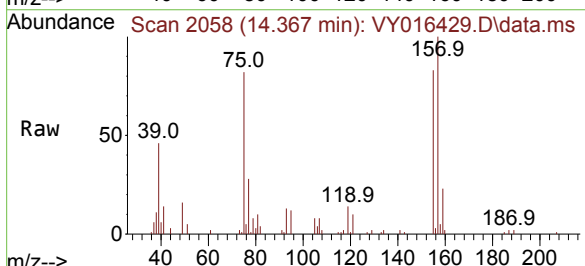
Tgt Ion: 75 Resp: 9157

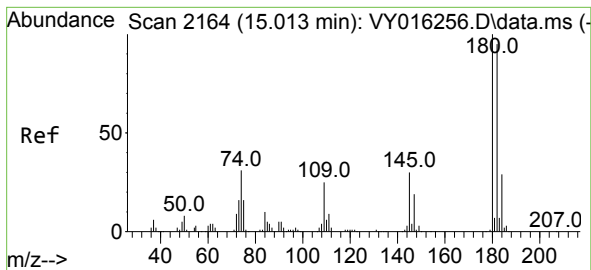
Ion Ratio Lower Upper

75 100

155 96.2 41.5 124.6

157 121.2 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 51.273 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.006 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

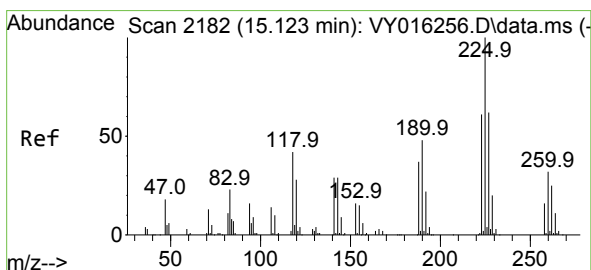
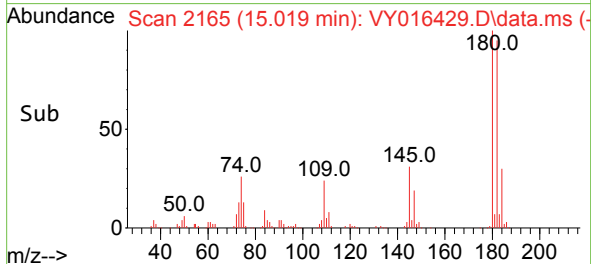
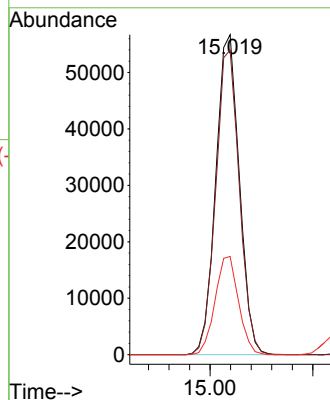
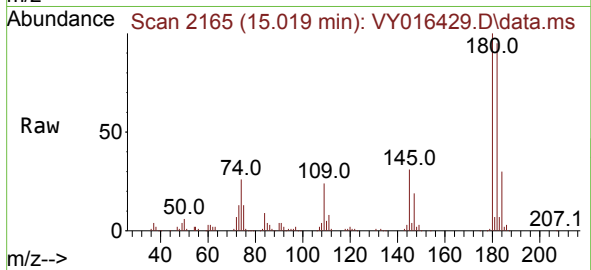
Tgt Ion:180 Resp: 90025

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 52.396 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

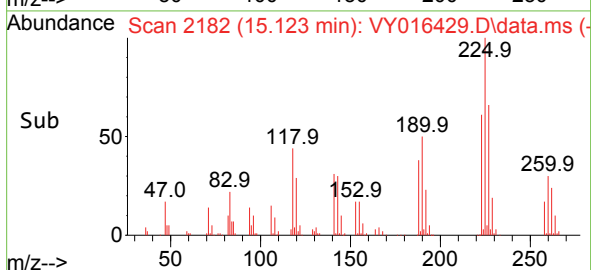
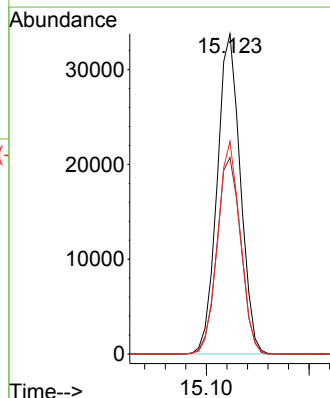
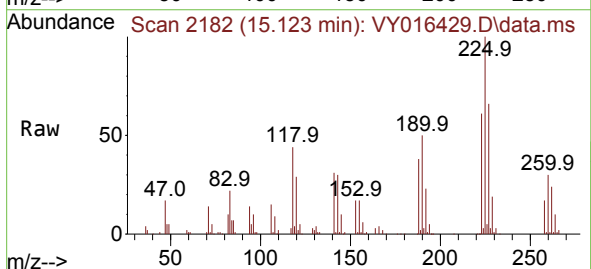
Tgt Ion:225 Resp: 52705

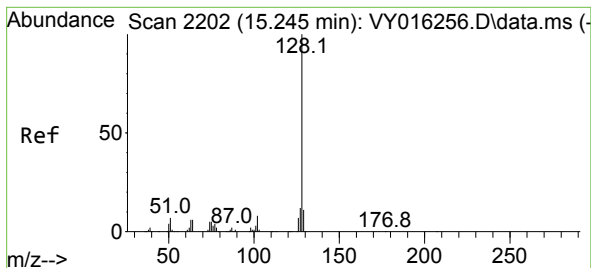
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 64.9 33.0 98.9





#95

Naphthalene

Concen: 51.197 ug/l

RT: 15.245 min Scan# 2202

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Instrument :

MSVOA_Y

ClientSampleId :

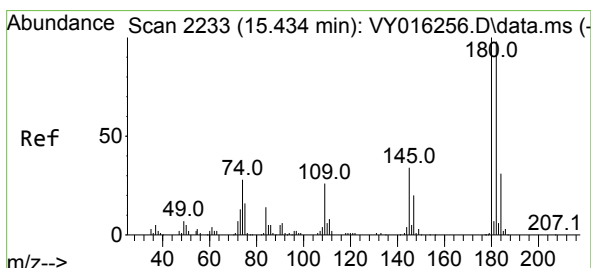
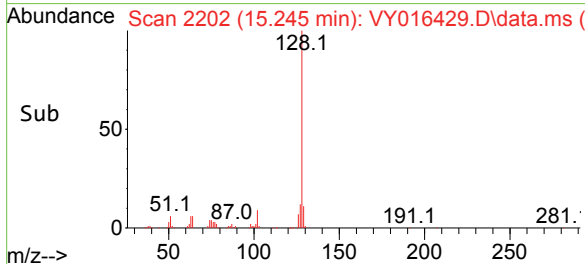
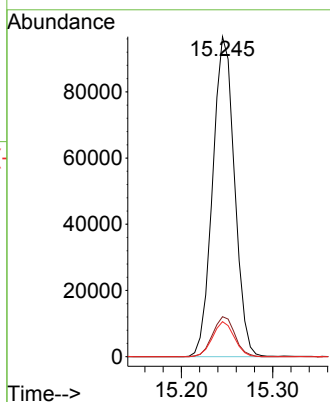
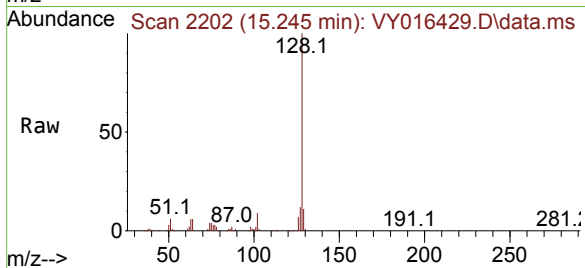
Tgt Ion:128 Resp: 160773

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.636 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY016429.D

Acq: 20 Nov 2023 17:22

Tgt Ion:180 Resp: 74988

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 32.8 15.4 46.2

