

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY120123\
 Data File : VY016552.D
 Acq On : 01 Dec 2023 09:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 01 23:34:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y112923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 30 03:28:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	161510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.715	114	246495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.507	117	213006	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	97293	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.167	65	66597	52.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.380%	
35) Dibromofluoromethane	7.746	113	75549	52.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.440%	
50) Toluene-d8	10.203	98	286212	51.008	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 102.020%	
62) 4-Bromofluorobenzene	12.495	95	92329	52.453	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.900%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	66201	47.054	ug/l	98
3) Chloromethane	2.131	50	67653	48.204	ug/l	99
4) Vinyl Chloride	2.271	62	81120	51.210	ug/l	97
5) Bromomethane	2.674	94	52547	51.244	ug/l	97
6) Chloroethane	2.820	64	50898	49.772	ug/l	98
7) Trichlorofluoromethane	3.149	101	136982	49.951	ug/l	98
8) Diethyl Ether	3.552	74	38161	52.392	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.930	101	78519	50.439	ug/l	98
10) Methyl Iodide	4.125	142	90181	51.205	ug/l	98
11) Tert butyl alcohol	4.990	59	20565	254.283	ug/l #	77
12) 1,1-Dichloroethene	3.905	96	72695	49.967	ug/l	82
13) Acrolein	3.759	56	36298	236.856	ug/l	99
14) Allyl chloride	4.515	41	82851	49.536	ug/l #	86
15) Acrylonitrile	5.198	53	69480	269.570	ug/l	96
16) Acetone	3.972	43	69310	283.456	ug/l #	83
17) Carbon Disulfide	4.228	76	202474	49.328	ug/l	99
18) Methyl Acetate	4.515	43	52600	55.690	ug/l #	81
19) Methyl tert-butyl Ether	5.252	73	171973	54.242	ug/l	97
20) Methylene Chloride	4.753	84	77874	52.315	ug/l #	79
21) trans-1,2-Dichloroethene	5.265	96	81639	50.382	ug/l	85
22) Diisopropyl ether	6.155	45	183128	52.218	ug/l #	81
23) Vinyl Acetate	6.094	43	426570	263.758	ug/l #	86
24) 1,1-Dichloroethane	6.057	63	124340	50.238	ug/l	93
25) 2-Butanone	7.020	43	91549	265.924	ug/l #	82
26) 2,2-Dichloropropane	7.014	77	123069	50.311	ug/l	96
27) cis-1,2-Dichloroethene	7.020	96	91416	52.512	ug/l	85
28) Bromochloromethane	7.362	49	47606	53.222	ug/l #	63
29) Tetrahydrofuran	7.380	42	51575	278.864	ug/l #	76
30) Chloroform	7.539	83	143146	51.891	ug/l	97
31) Cyclohexane	7.813	56	107953	48.191	ug/l #	83
32) 1,1,1-Trichloroethane	7.734	97	137987	51.618	ug/l	95
36) 1,1-Dichloropropene	7.947	75	108287	50.688	ug/l	97
37) Ethyl Acetate	7.106	43	35413	52.888	ug/l #	86
38) Carbon Tetrachloride	7.929	117	129955	51.828	ug/l	99
39) Methylcyclohexane	9.209	83	134532	50.487	ug/l	87
40) Benzene	8.185	78	307894	50.831	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.337	41	19502	55.291	ug/l #	88
42) 1,2-Dichloroethane	8.264	62	79621	53.044	ug/l	91
43) Isopropyl Acetate	8.295	43	71723	54.473	ug/l #	82
44) Trichloroethene	8.965	130	95617	51.249	ug/l	94
45) 1,2-Dichloropropane	9.240	63	69119	50.570	ug/l	96
46) Dibromomethane	9.331	93	42063	54.730	ug/l	97
47) Bromodichloromethane	9.520	83	107339	52.898	ug/l	98
48) Methyl methacrylate	9.313	41	40112	54.264	ug/l #	76
49) 1,4-Dioxane	9.319	88	8456	1187.023	ug/l #	69
51) 4-Methyl-2-Pentanone	10.087	43	185058	269.418	ug/l #	83
52) Toluene	10.264	92	202032	51.922	ug/l	94
53) t-1,3-Dichloropropene	10.483	75	101568	54.016	ug/l	99
54) cis-1,3-Dichloropropene	9.947	75	121940	53.517	ug/l #	84
55) 1,1,2-Trichloroethane	10.660	97	59215	53.394	ug/l	96
56) Ethyl methacrylate	10.526	69	52722	56.176	ug/l #	76
57) 1,3-Dichloropropane	10.806	76	96379	53.953	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.800	63	157975	272.204	ug/l #	85
59) 2-Hexanone	10.849	43	143400	264.300	ug/l	80
60) Dibromochloromethane	11.001	129	79406	54.779	ug/l	100
61) 1,2-Dibromoethane	11.105	107	57011	54.437	ug/l	100
64) Tetrachloroethene	10.739	164	98349	51.881	ug/l	97
65) Chlorobenzene	11.532	112	218821	51.297	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.605	131	84965	51.958	ug/l	100
67) Ethyl Benzene	11.611	91	383308	51.189	ug/l	97
68) m/p-Xylenes	11.721	106	297277	102.582	ug/l	93
69) o-Xylene	12.044	106	141080	53.028	ug/l	94
70) Styrene	12.062	104	200626	52.411	ug/l	97
71) Bromoform	12.221	173	46742	55.338	ug/l #	98
73) Isopropylbenzene	12.343	105	385504	52.249	ug/l	98
74) N-amyl acetate	12.160	43	56953	54.659	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.599	83	58494	53.408	ug/l	98
76) 1,2,3-Trichloropropane	12.648	75	77281	94.603	ug/l #	100
77) Bromobenzene	12.623	156	89654	52.185	ug/l	87
78) n-propylbenzene	12.684	91	433783	51.390	ug/l	96
79) 2-Chlorotoluene	12.769	91	242231	51.594	ug/l	96
80) 1,3,5-Trimethylbenzene	12.824	105	311128	52.457	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.391	75	20124	53.727	ug/l	86
82) 4-Chlorotoluene	12.867	91	245544	50.938	ug/l	96
83) tert-Butylbenzene	13.086	119	274986	51.375	ug/l	98
84) 1,2,4-Trimethylbenzene	13.135	105	303246	52.515	ug/l	97
85) sec-Butylbenzene	13.263	105	383703	51.832	ug/l	98
86) p-Isopropyltoluene	13.385	119	337545	52.773	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	168684	51.999	ug/l	99
88) 1,4-Dichlorobenzene	13.458	146	165339	52.073	ug/l	99
89) n-Butylbenzene	13.708	91	294489	52.528	ug/l	96
90) Hexachloroethane	13.970	117	64936	52.033	ug/l	98
91) 1,2-Dichlorobenzene	13.751	146	143684	52.263	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.367	75	8780	56.984	ug/l	83
93) 1,2,4-Trichlorobenzene	15.019	180	81137	48.304	ug/l	99
94) Hexachlorobutadiene	15.123	225	49698	52.195	ug/l	98
95) Naphthalene	15.251	128	139017	46.805	ug/l	99
96) 1,2,3-Trichlorobenzene	15.440	180	64199	47.013	ug/l	98

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Response via : Initial Calibration

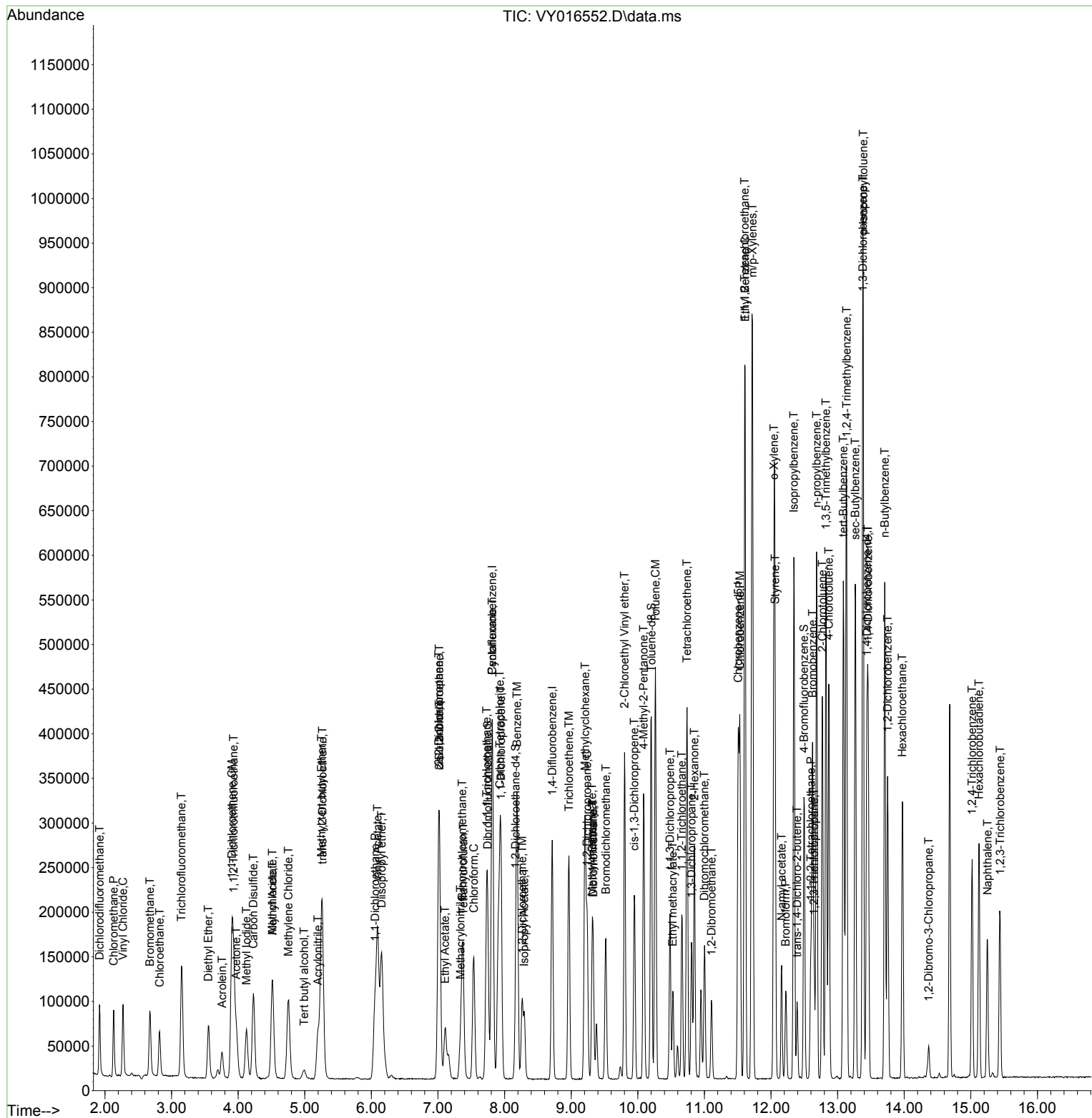
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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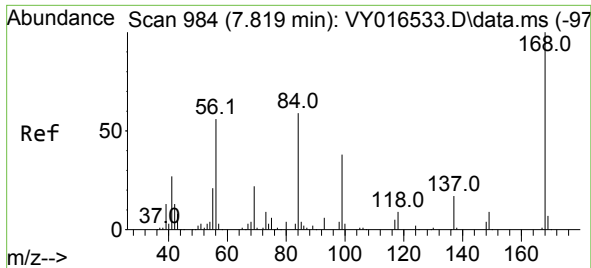
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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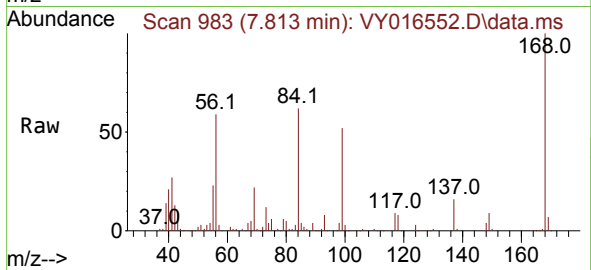
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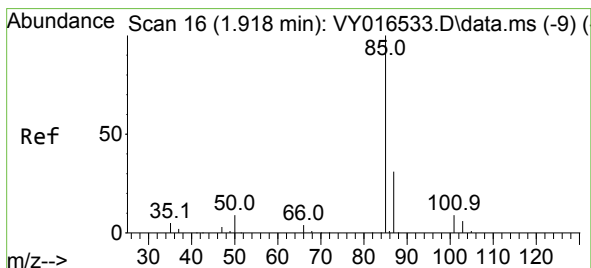
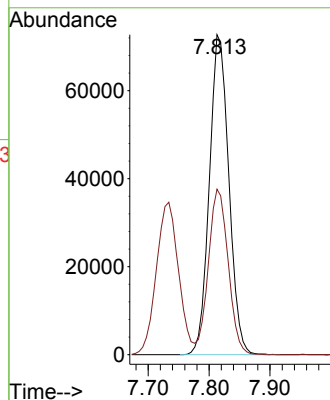
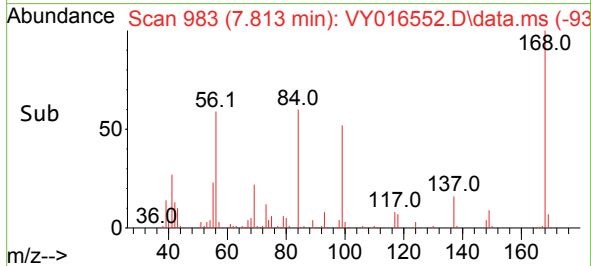


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.813 min Scan# 99
Delta R.T. -0.006 min
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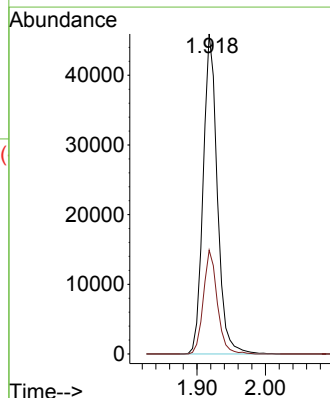
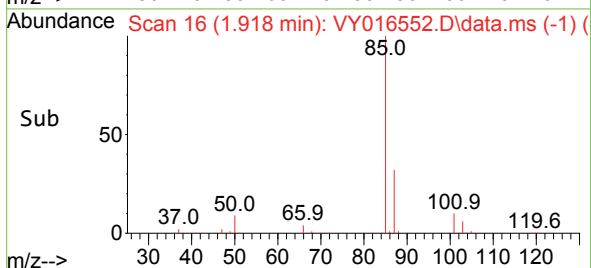
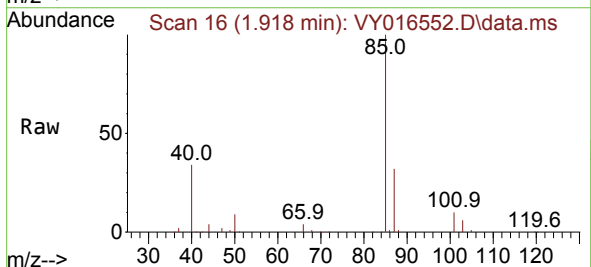


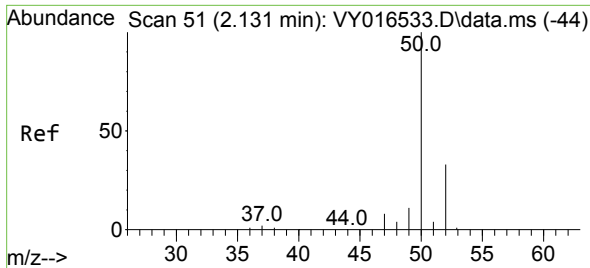
Tgt Ion:168 Resp: 161510
Ion Ratio Lower Upper
168 100
99 51.7 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.054 ug/l
RT: 1.918 min Scan# 16
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

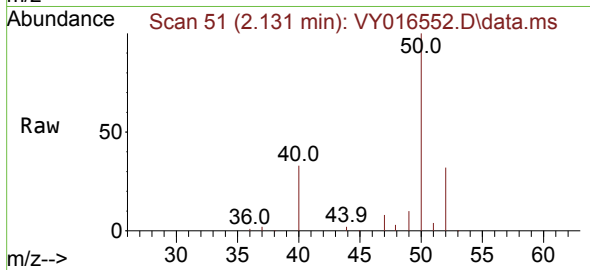
Tgt Ion: 85 Resp: 66201
Ion Ratio Lower Upper
85 100
87 32.5 15.6 46.8



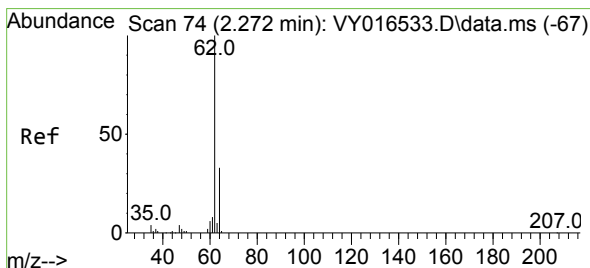
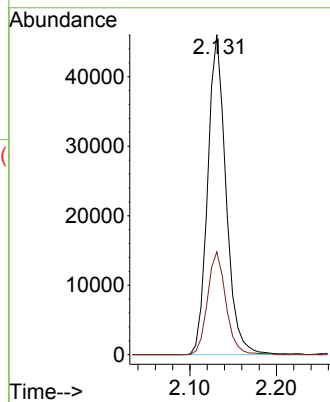
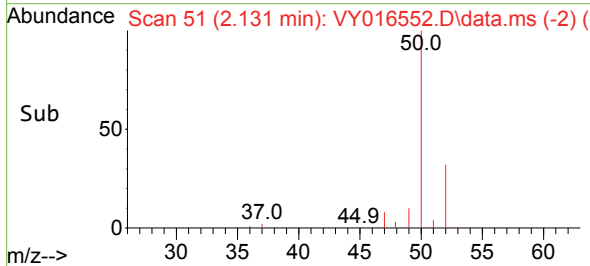


#3
Chloromethane
Concen: 48.204 ug/l
RT: 2.131 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Instrument :
MSVOA_Y
ClientSampleId :

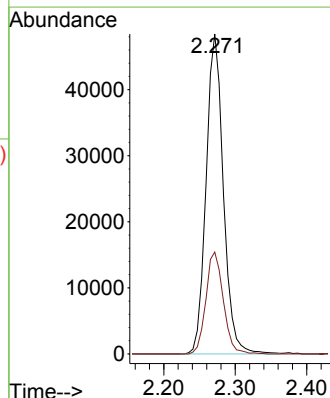
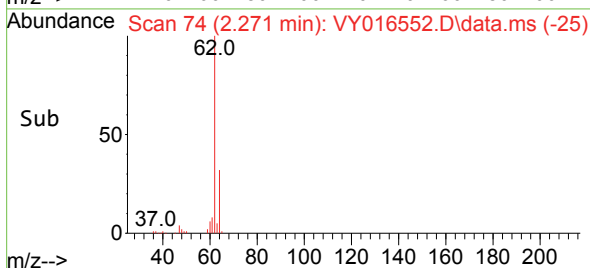
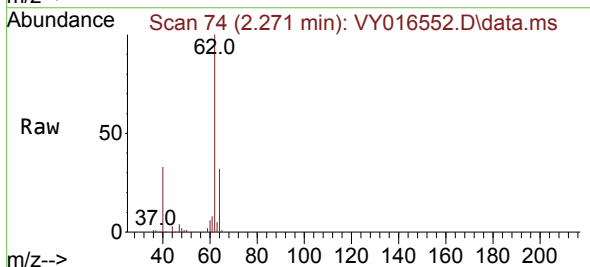


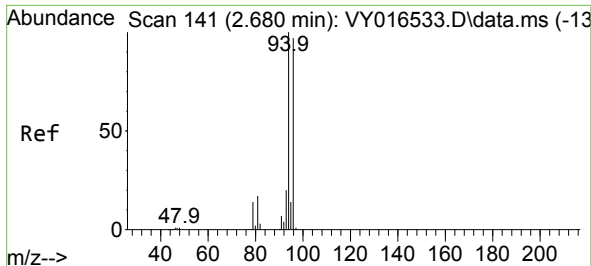
Tgt Ion: 50 Resp: 67653
Ion Ratio Lower Upper
50 100
52 32.1 25.4 38.2



#4
Vinyl Chloride
Concen: 51.210 ug/l
RT: 2.271 min Scan# 74
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 62 Resp: 81120
Ion Ratio Lower Upper
62 100
64 31.8 24.3 36.5

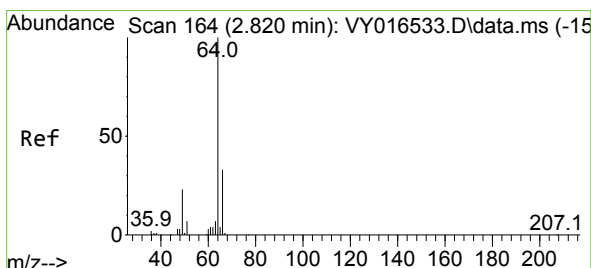
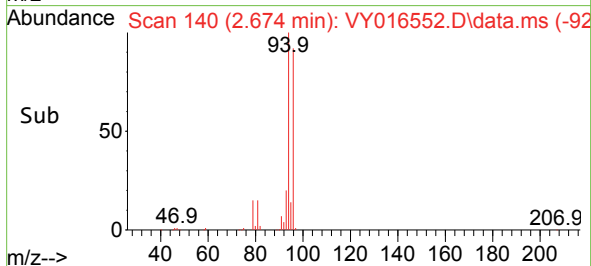
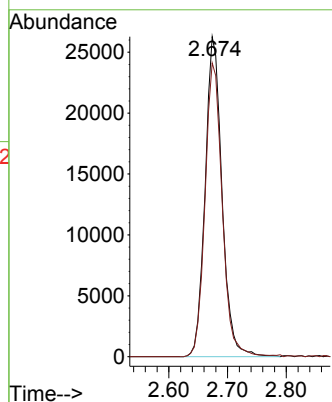
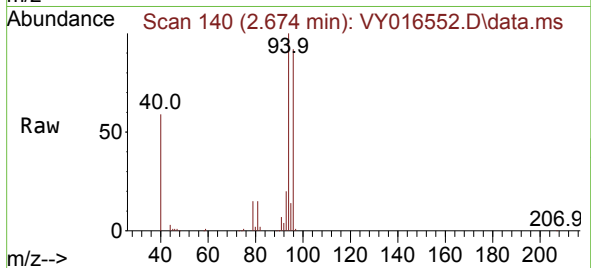




#5
Bromomethane
Concen: 51.244 ug/l
RT: 2.674 min Scan# 141
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

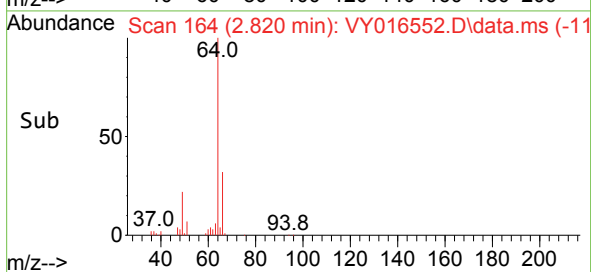
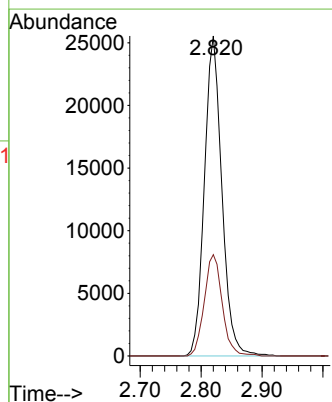
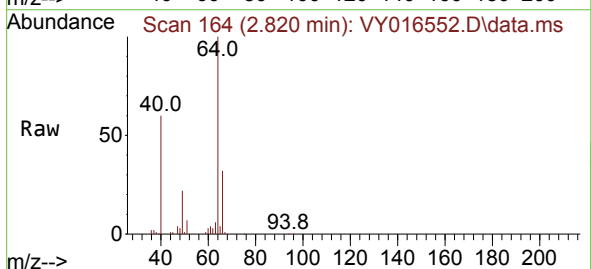
Instrument :
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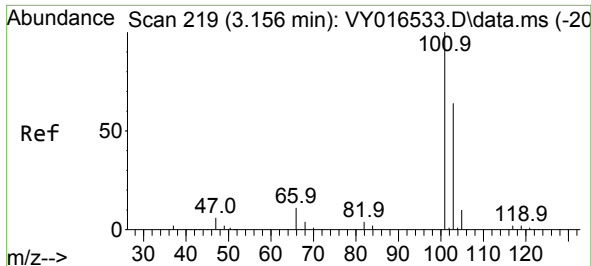
Tgt Ion: 94 Resp: 52547
Ion Ratio Lower Upper
94 100
96 91.8 75.8 113.6



#6
Chloroethane
Concen: 49.772 ug/l
RT: 2.820 min Scan# 164
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 64 Resp: 50898
Ion Ratio Lower Upper
64 100
66 31.6 24.4 36.6

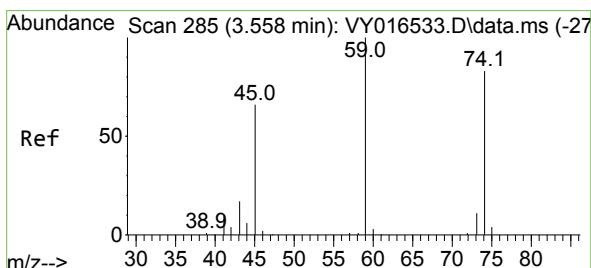
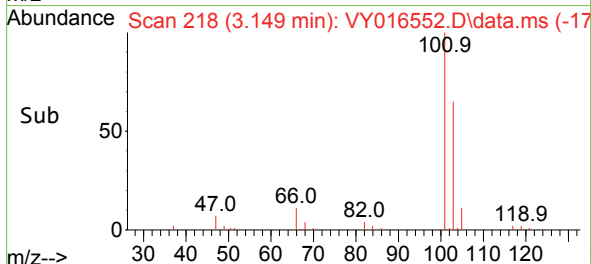
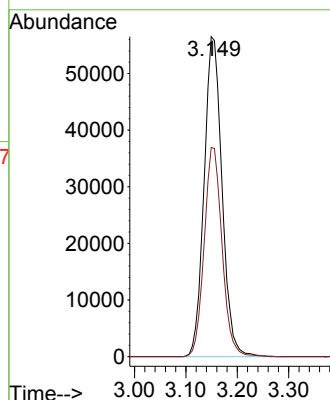
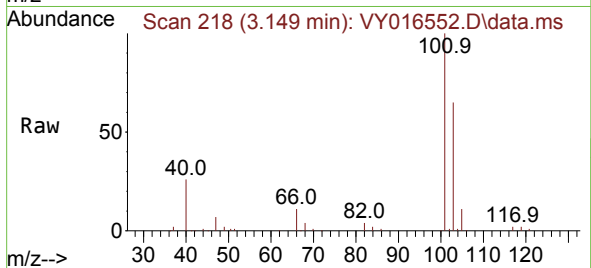




#7
 Trichlorofluoromethane
 Concen: 49.951 ug/l
 RT: 3.149 min Scan# 219
 Delta R.T. -0.006 min
 Lab File: VY016552.D
 Acq: 01 Dec 2023 09:26

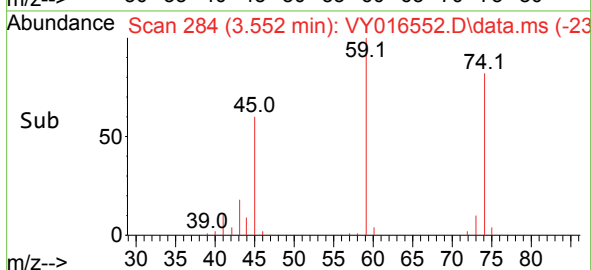
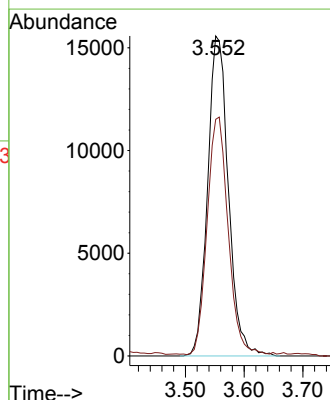
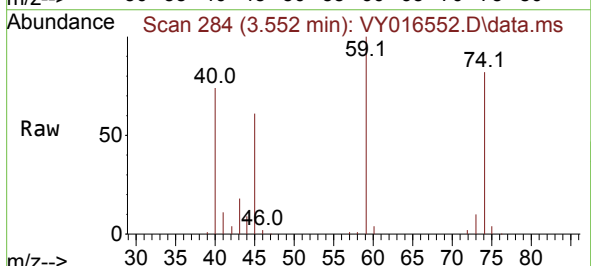
Instrument :
 MSVOA_Y
 ClientSampleId :

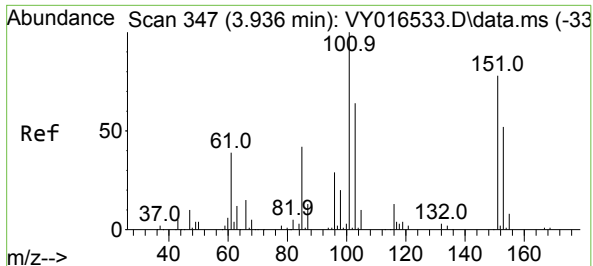
Tgt Ion:101 Resp: 136982
 Ion Ratio Lower Upper
 101 100
 103 65.4 51.4 77.0



#8
 Diethyl Ether
 Concen: 52.392 ug/l
 RT: 3.552 min Scan# 284
 Delta R.T. -0.006 min
 Lab File: VY016552.D
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Tgt Ion: 74 Resp: 38161
 Ion Ratio Lower Upper
 74 100
 45 75.1 51.5 154.5

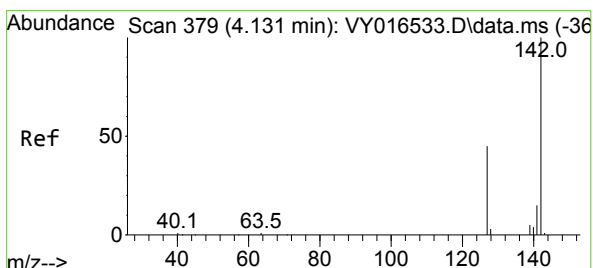
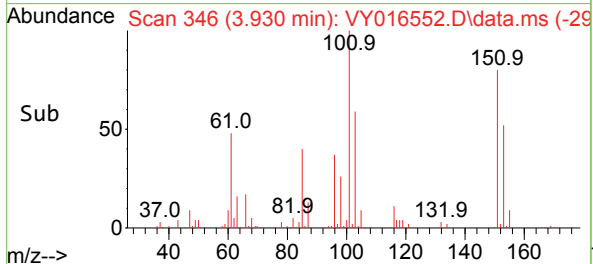
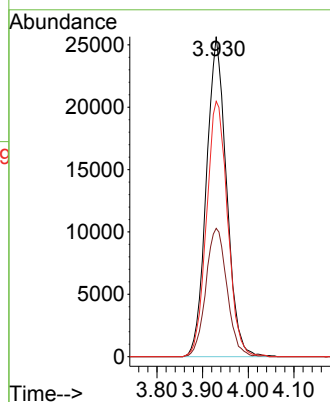
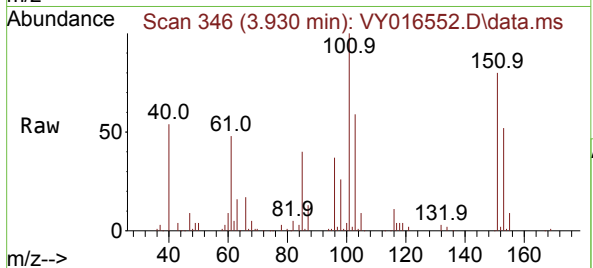




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.439 ug/l
RT: 3.930 min Scan# 347
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

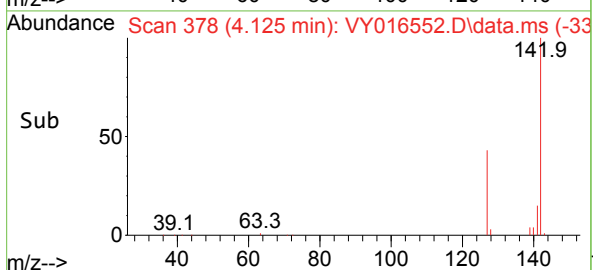
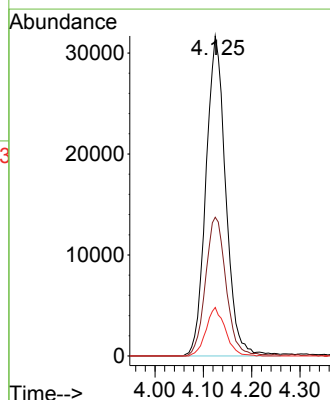
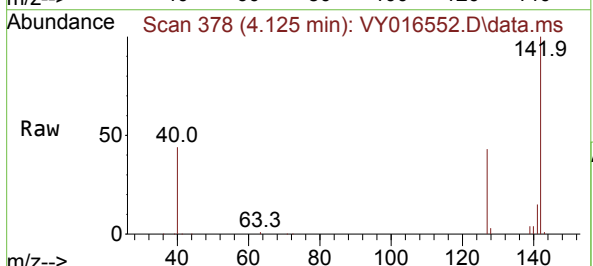
Instrument :
MSVOA_Y
ClientSampleId :

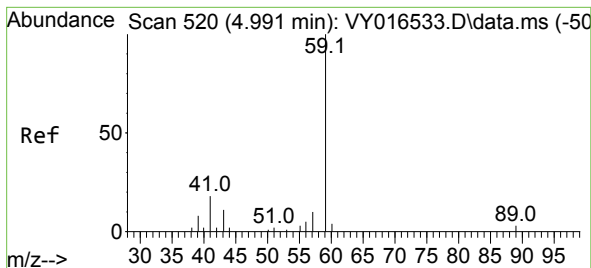
Tgt Ion:101 Resp: 78519
Ion Ratio Lower Upper
101 100
85 42.3 36.6 55.0
151 83.6 67.0 100.6



#10
Methyl Iodide
Concen: 51.205 ug/l
RT: 4.125 min Scan# 378
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion:142 Resp: 90181
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.8 11.8 17.8





#11

Tert butyl alcohol

Concen: 254.283 ug/l

RT: 4.990 min Scan# 51

Delta R.T. -0.000 min

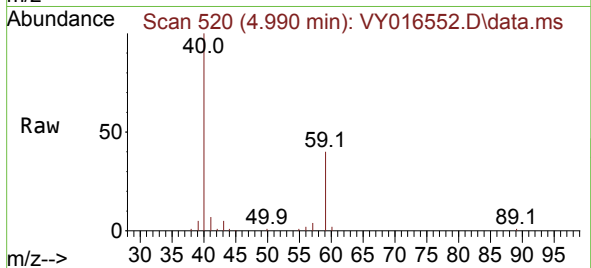
Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

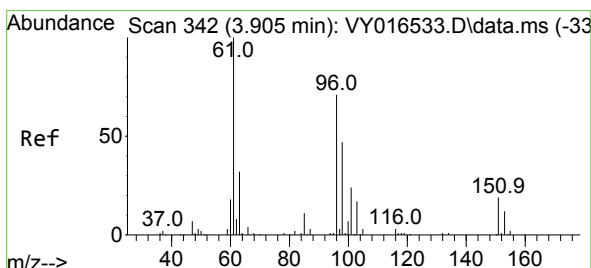
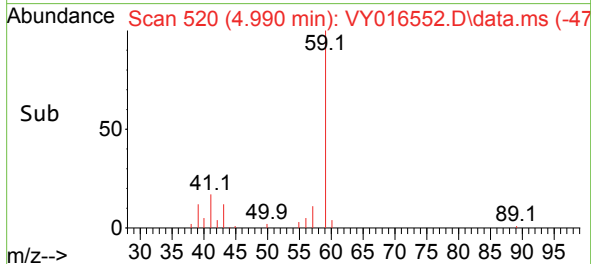
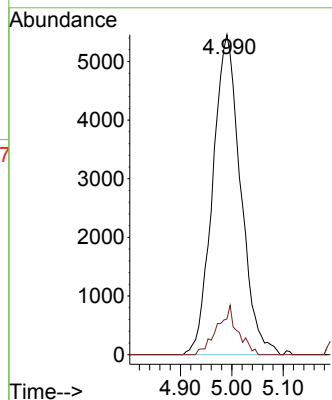


Tgt Ion: 59 Resp: 20565

Ion Ratio Lower Upper

59 100

57 11.3 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 49.967 ug/l

RT: 3.905 min Scan# 342

Delta R.T. -0.000 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

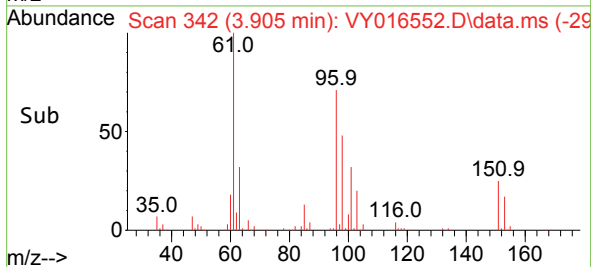
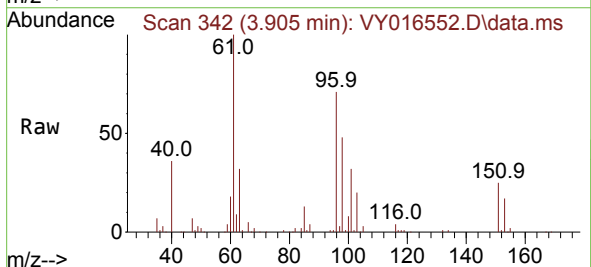
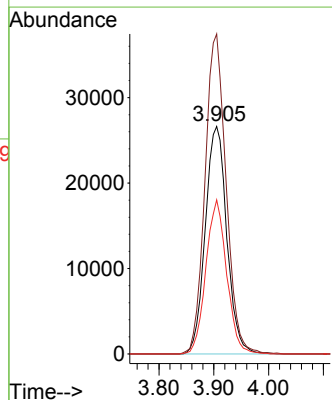
Tgt Ion: 96 Resp: 72695

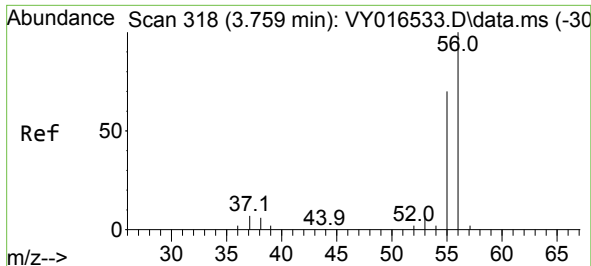
Ion Ratio Lower Upper

96 100

61 140.6 136.4 204.6

98 67.7 49.4 74.2





#13

Acrolein

Concen: 236.856 ug/l

RT: 3.759 min Scan# 318

Delta R.T. -0.000 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

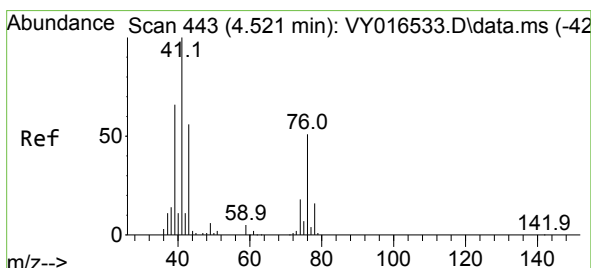
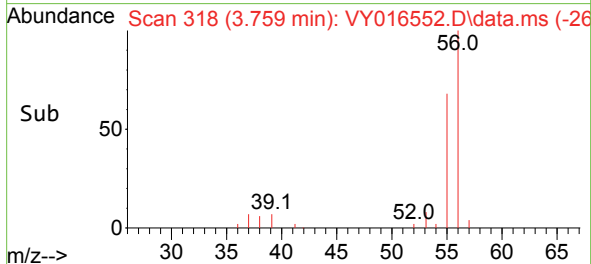
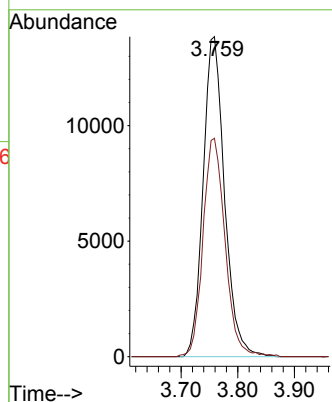
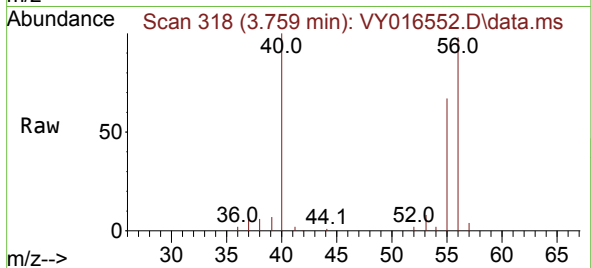
ClientSampleId :

Tgt Ion: 56 Resp: 36298

Ion Ratio Lower Upper

56 100

55 70.3 57.0 85.4



#14

Allyl chloride

Concen: 49.536 ug/l

RT: 4.515 min Scan# 442

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

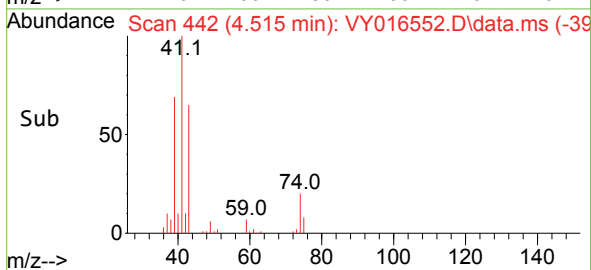
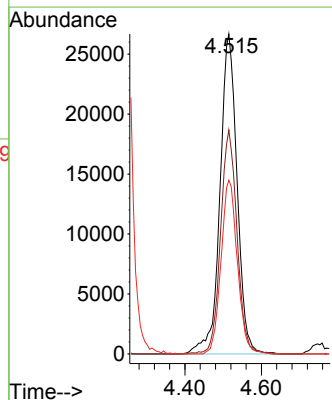
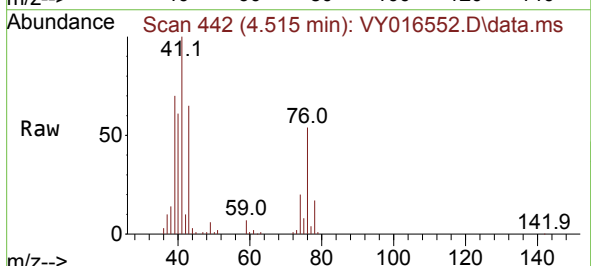
Tgt Ion: 41 Resp: 82851

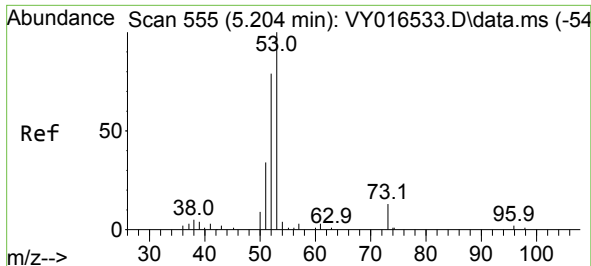
Ion Ratio Lower Upper

41 100

39 67.3 58.0 87.0

76 51.8 27.4 41.2#

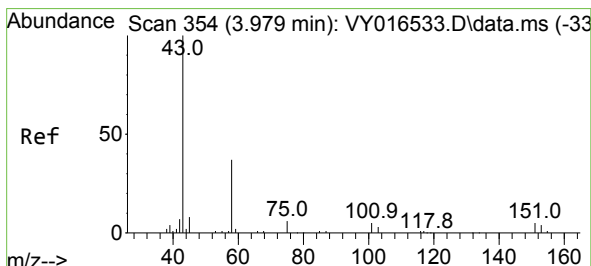
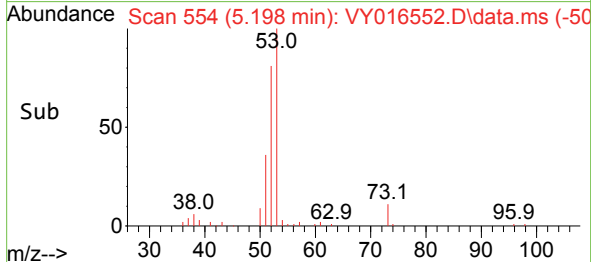
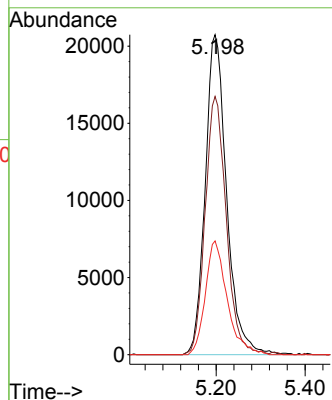
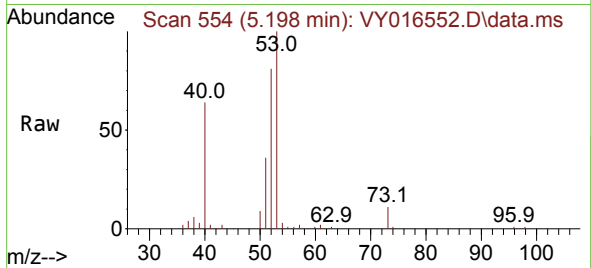




#15
Acrylonitrile
Concen: 269.570 ug/l
RT: 5.198 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

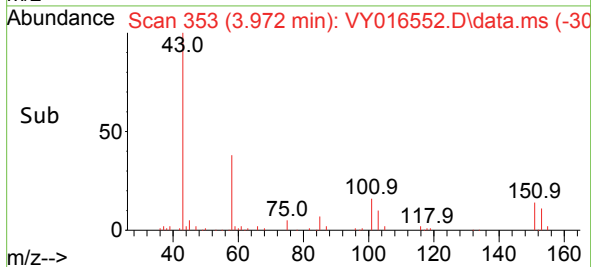
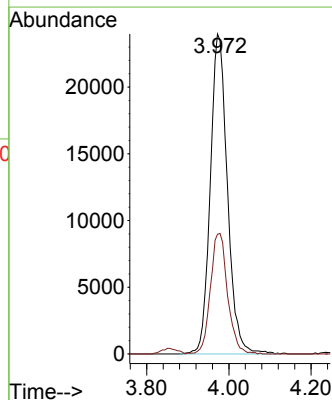
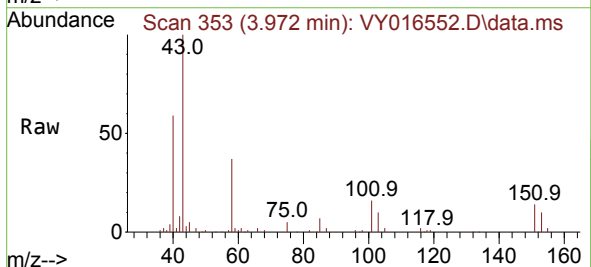
Instrument :
MSVOA_Y
ClientSampleId :

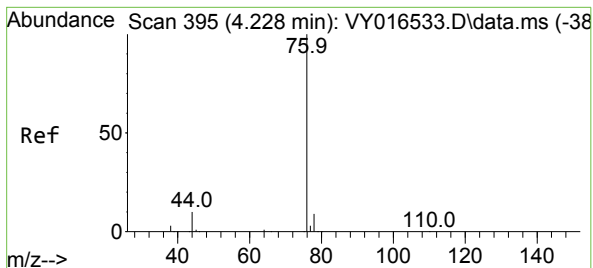
Tgt Ion: 53 Resp: 69480
Ion Ratio Lower Upper
53 100
52 79.5 66.9 100.3
51 36.3 29.8 44.6



#16
Acetone
Concen: 283.456 ug/l
RT: 3.972 min Scan# 353
Delta R.T. -0.007 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 43 Resp: 69310
Ion Ratio Lower Upper
43 100
58 37.4 22.7 34.1#





#17

Carbon Disulfide

Concen: 49.328 ug/l

RT: 4.228 min Scan# 395

Delta R.T. -0.000 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

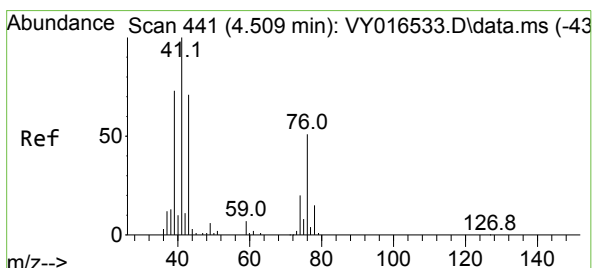
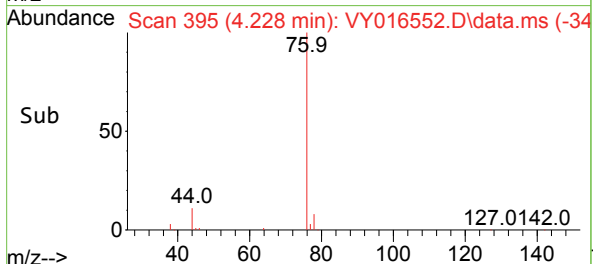
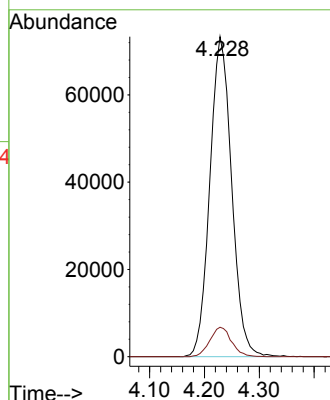
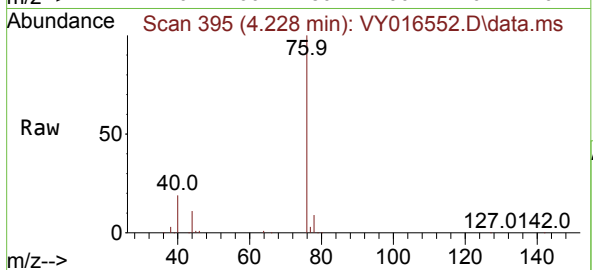
ClientSampleId :

Tgt Ion: 76 Resp: 202474

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 55.690 ug/l

RT: 4.515 min Scan# 442

Delta R.T. 0.006 min

Lab File: VY016552.D

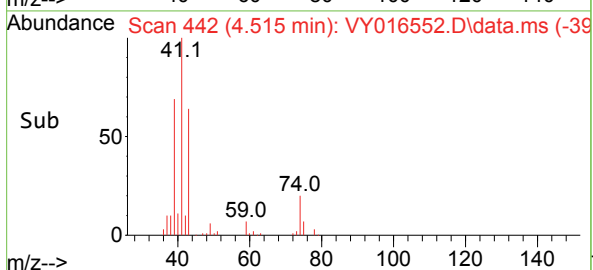
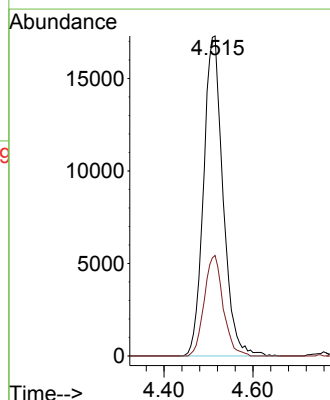
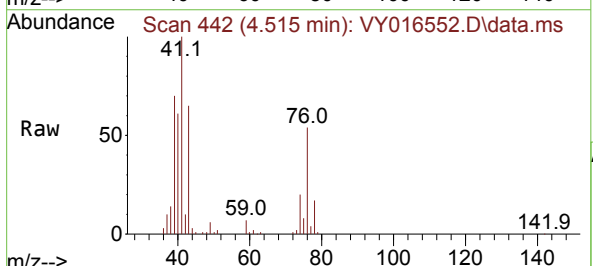
Acq: 01 Dec 2023 09:26

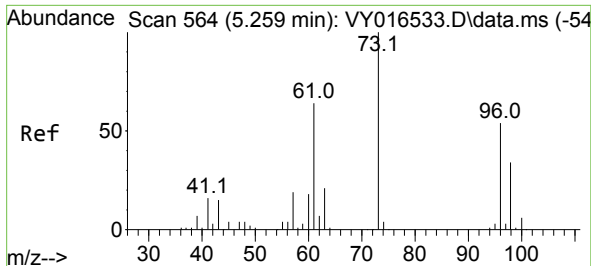
Tgt Ion: 43 Resp: 52600

Ion Ratio Lower Upper

43 100

74 30.6 17.4 26.0#

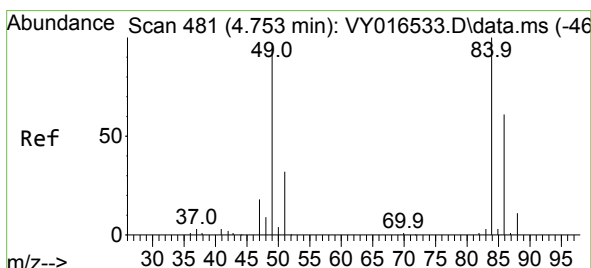
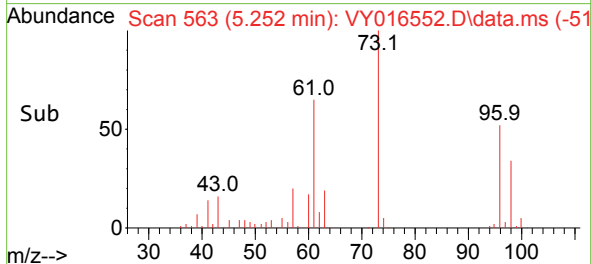
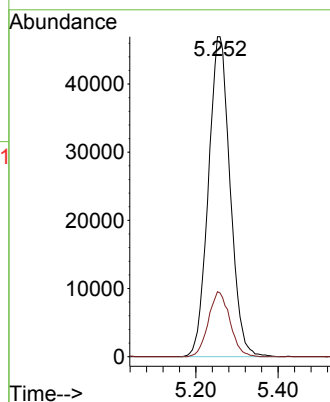
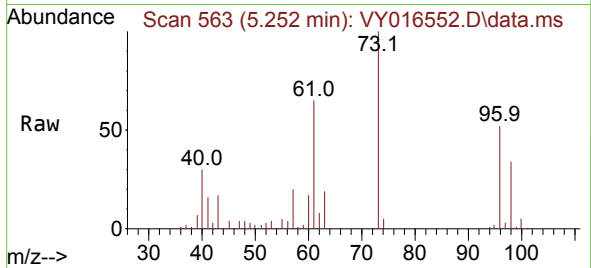




#19
Methyl tert-butyl Ether
Concen: 54.242 ug/l
RT: 5.252 min Scan# 50
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

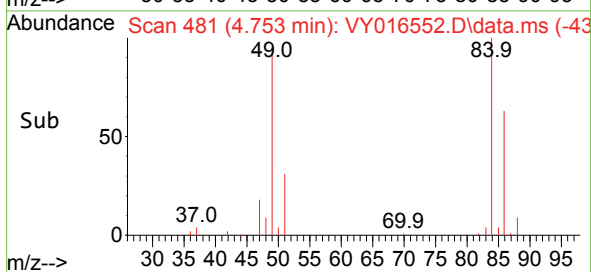
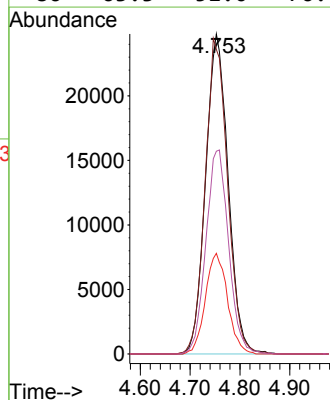
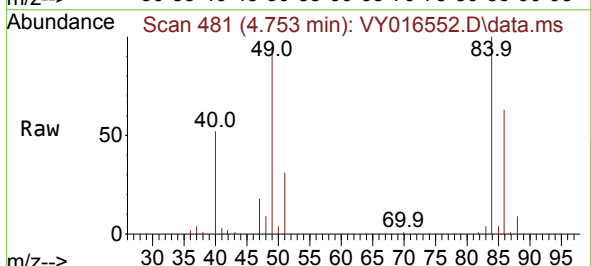
Instrument :
MSVOA_Y
ClientSampleId :

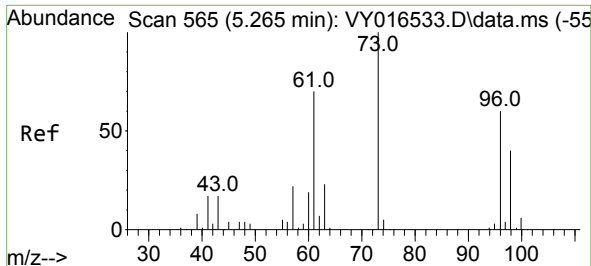
Tgt Ion: 73 Resp: 171973
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 52.315 ug/l
RT: 4.753 min Scan# 481
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 84 Resp: 77874
Ion Ratio Lower Upper
84 100
49 95.2 106.9 160.3#
51 31.4 33.2 49.8#
86 63.3 51.0 76.6

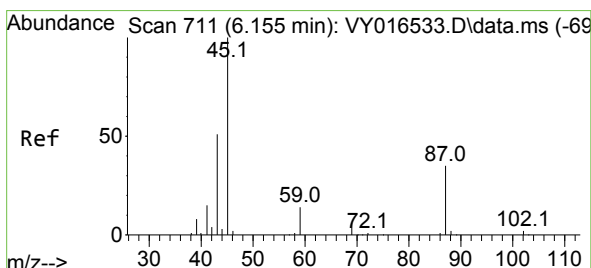
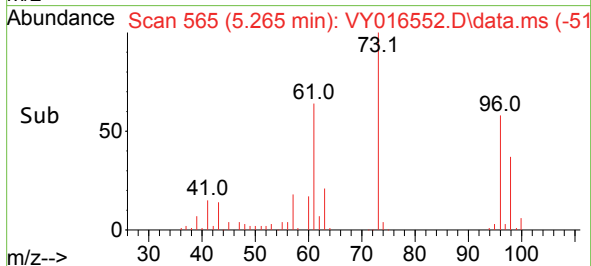
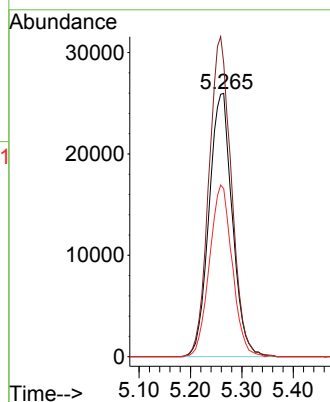
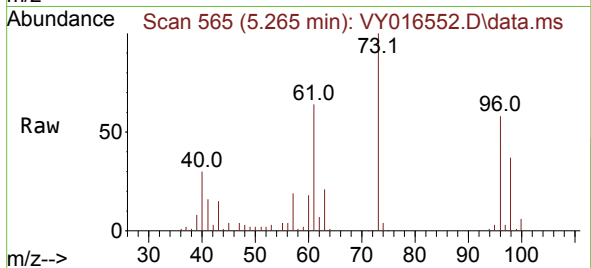




#21
trans-1,2-Dichloroethene
Concen: 50.382 ug/l
RT: 5.265 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

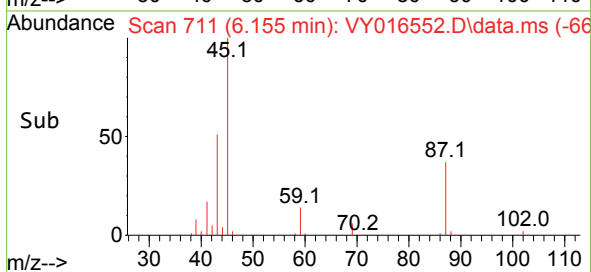
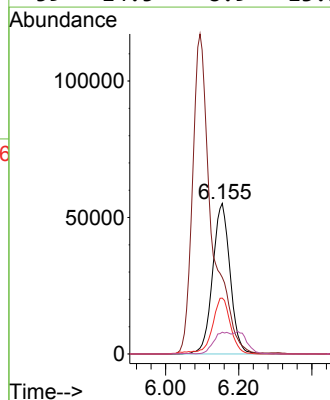
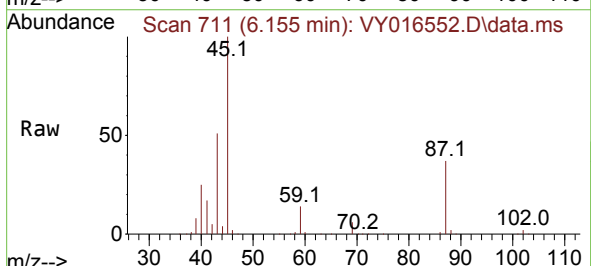
Instrument :
MSVOA_Y
ClientSampleId :

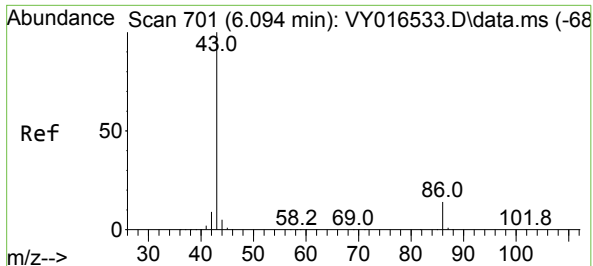
Tgt Ion: 96 Resp: 81639
Ion Ratio Lower Upper
96 100
61 111.5 110.2 165.4
98 63.8 51.8 77.6



#22
Diisopropyl ether
Concen: 52.218 ug/l
RT: 6.155 min Scan# 711
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 45 Resp: 183128
Ion Ratio Lower Upper
45 100
43 50.0 52.2 78.4#
87 37.1 21.0 31.6#
59 14.5 8.9 13.3#

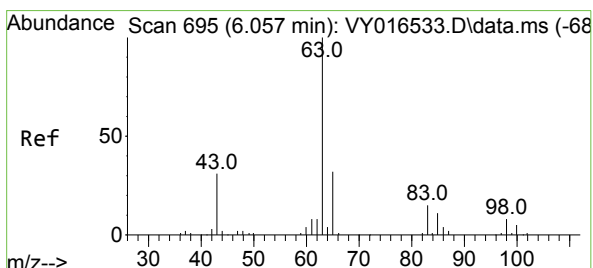
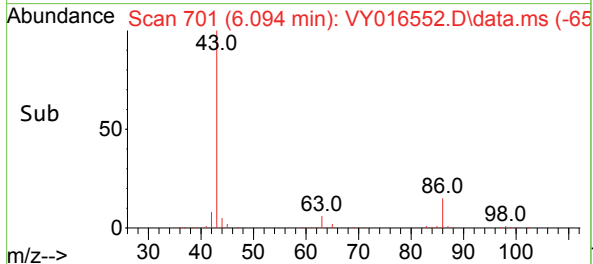
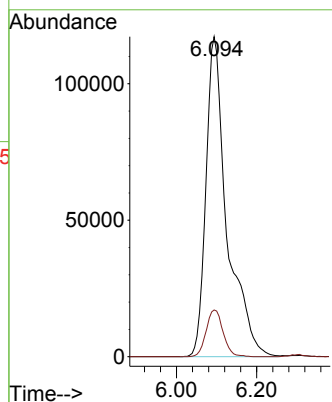
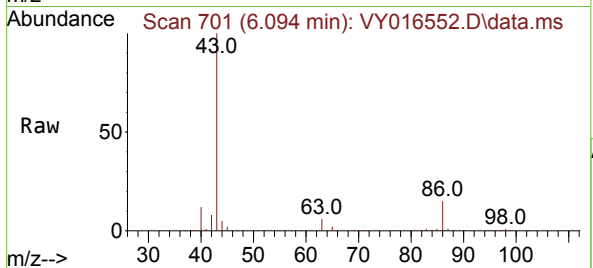




#23
 Vinyl Acetate
 Concen: 263.758 ug/l
 RT: 6.094 min Scan# 701
 Delta R.T. -0.000 min
 Lab File: VY016552.D
 Acq: 01 Dec 2023 09:26

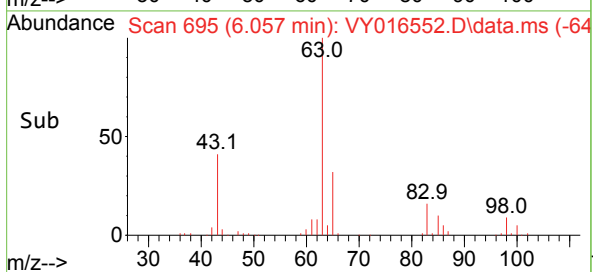
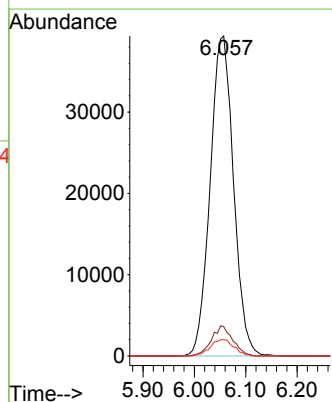
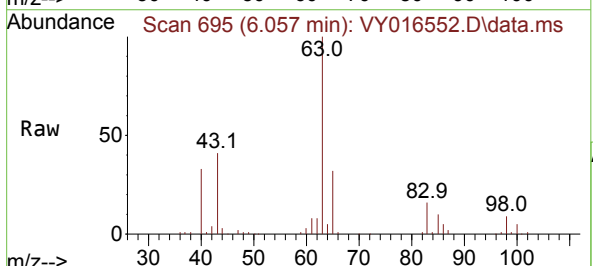
Instrument :
 MSVOA_Y
 ClientSampleId :

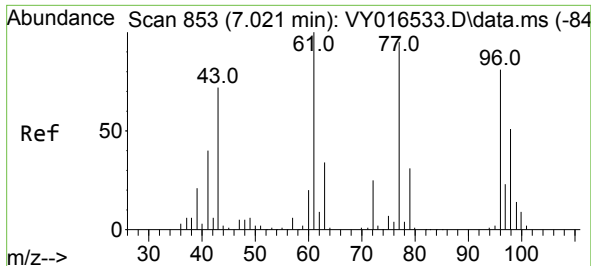
Tgt Ion: 43 Resp: 426570
 Ion Ratio Lower Upper
 43 100
 86 14.6 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 50.238 ug/l
 RT: 6.057 min Scan# 695
 Delta R.T. -0.000 min
 Lab File: VY016552.D
 Acq: 01 Dec 2023 09:26

Tgt Ion: 63 Resp: 124340
 Ion Ratio Lower Upper
 63 100
 98 9.2 3.1 9.4
 100 5.1 1.8 5.5





#25

2-Butanone

Concen: 265.924 ug/l

RT: 7.020 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

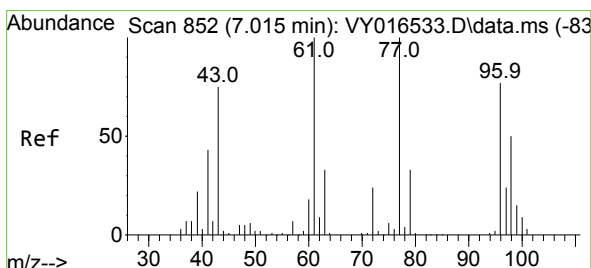
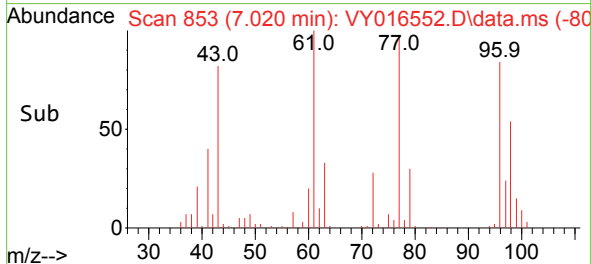
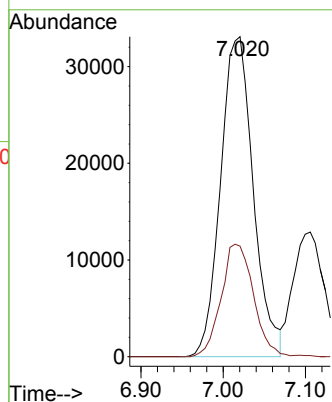
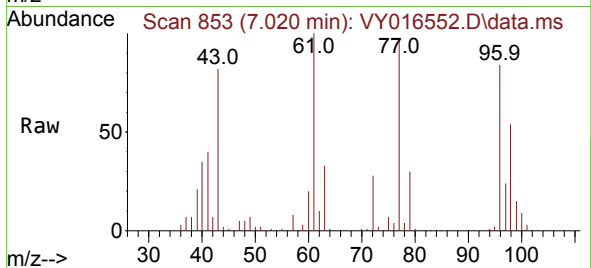
ClientSampleId :

Tgt Ion: 43 Resp: 91549

Ion Ratio Lower Upper

43 100

72 34.6 20.5 30.7#



#26

2,2-Dichloropropane

Concen: 50.311 ug/l

RT: 7.014 min Scan# 852

Delta R.T. -0.000 min

Lab File: VY016552.D

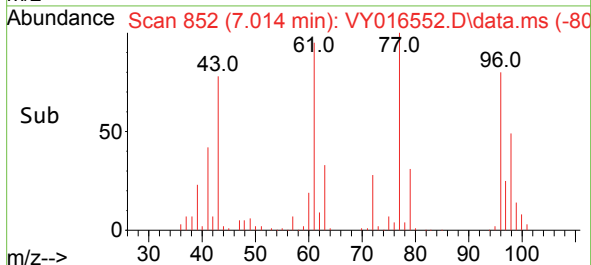
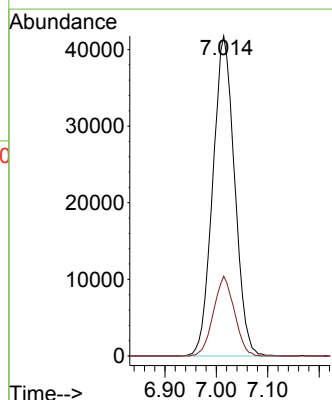
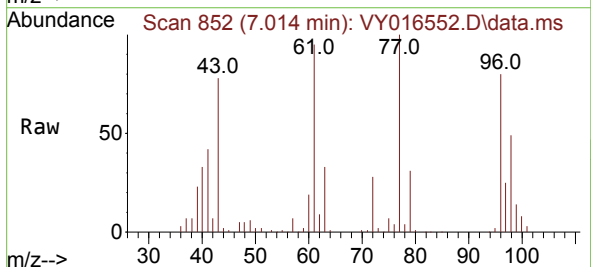
Acq: 01 Dec 2023 09:26

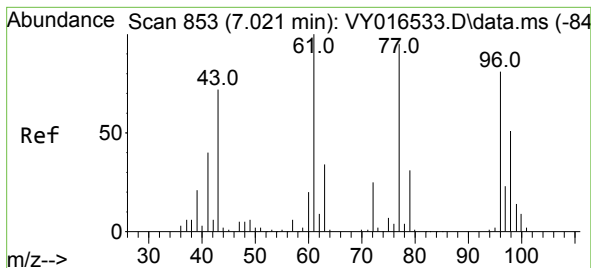
Tgt Ion: 77 Resp: 123069

Ion Ratio Lower Upper

77 100

97 23.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.512 ug/l

RT: 7.020 min Scan# 81

Delta R.T. -0.000 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

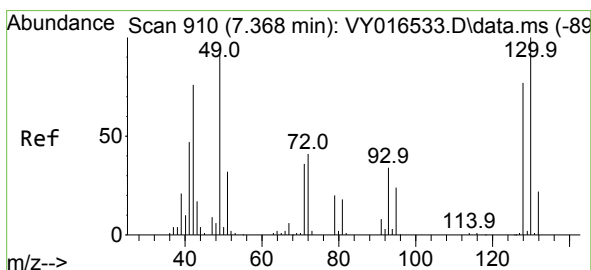
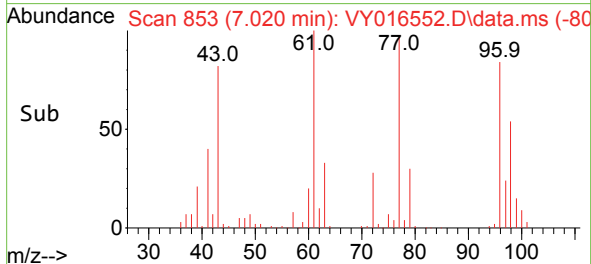
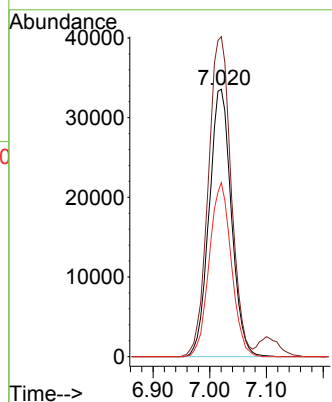
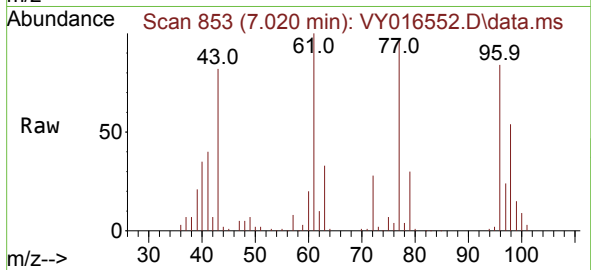
Tgt Ion: 96 Resp: 91416

Ion Ratio Lower Upper

96 100

61 123.2 0.0 301.4

98 64.4 0.0 130.4



#28

Bromochloromethane

Concen: 53.222 ug/l

RT: 7.362 min Scan# 909

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

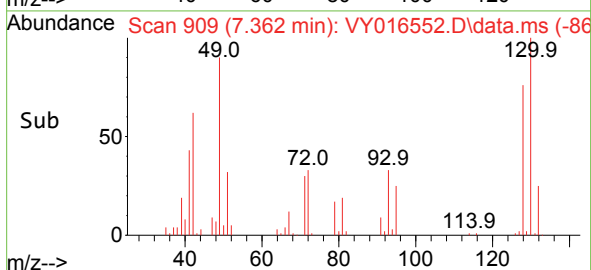
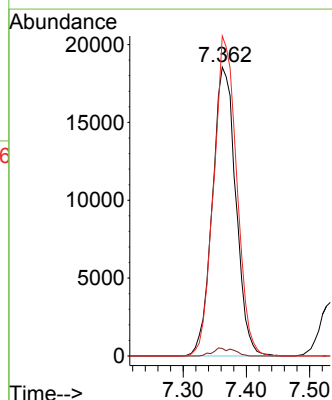
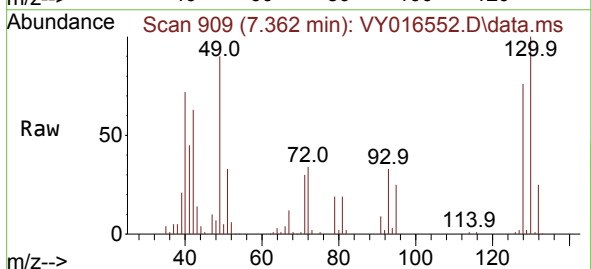
Tgt Ion: 49 Resp: 47606

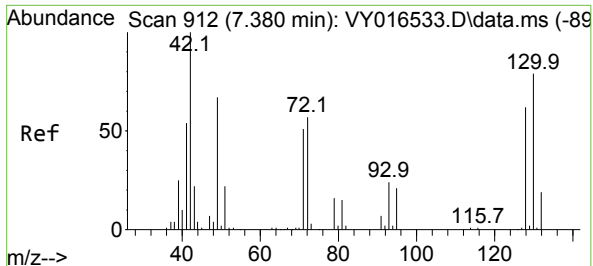
Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.6

130 108.9 60.7 91.1#





#29

Tetrahydrofuran

Concen: 278.864 ug/l

RT: 7.380 min Scan# 912

Delta R.T. -0.000 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

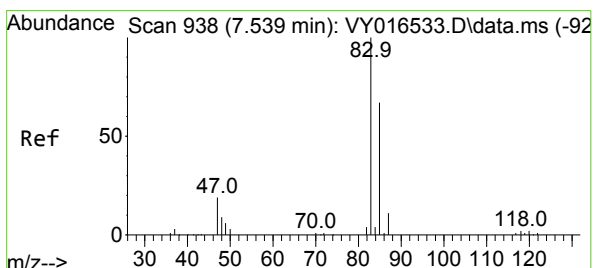
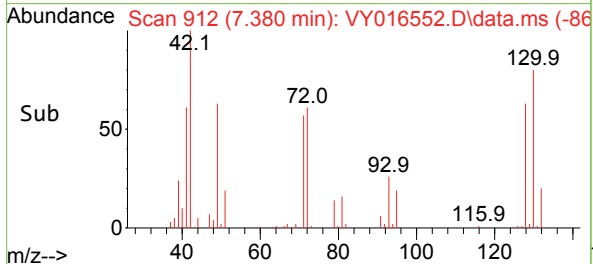
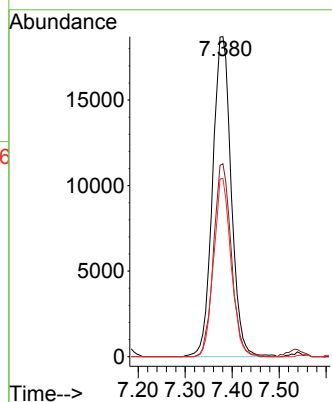
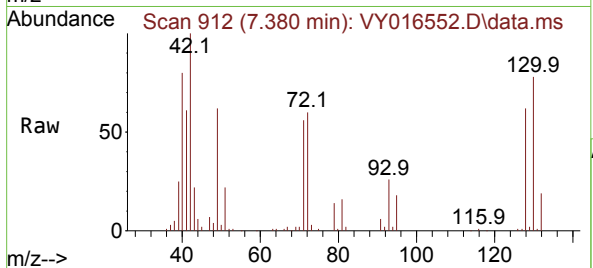
Tgt Ion: 42 Resp: 51575

Ion Ratio Lower Upper

42 100

72 57.2 32.8 49.2#

71 52.2 31.0 46.4#



#30

Chloroform

Concen: 51.891 ug/l

RT: 7.539 min Scan# 938

Delta R.T. -0.000 min

Lab File: VY016552.D

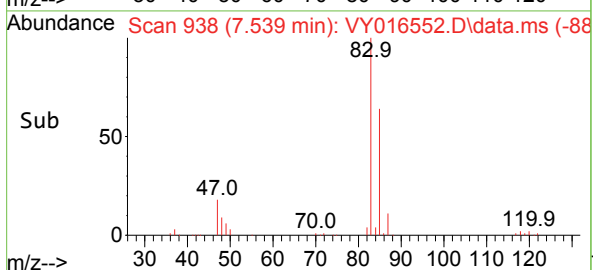
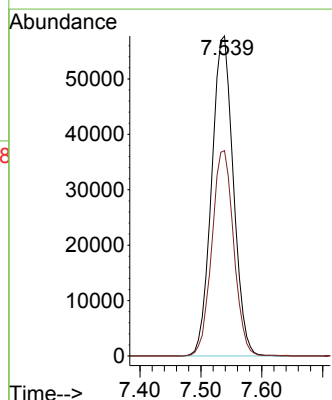
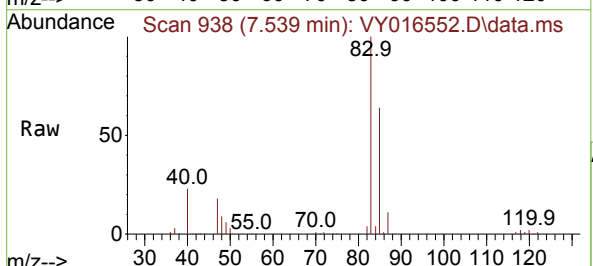
Acq: 01 Dec 2023 09:26

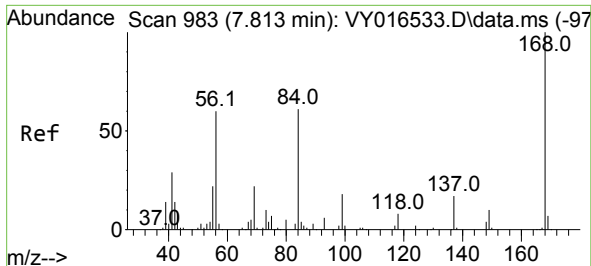
Tgt Ion: 83 Resp: 143146

Ion Ratio Lower Upper

83 100

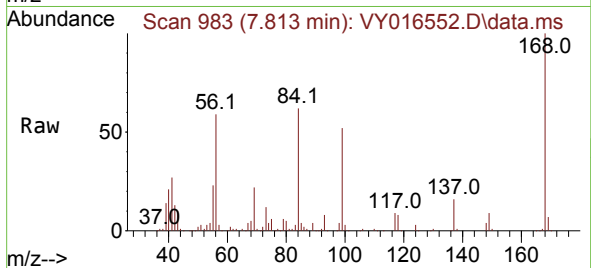
85 64.1 49.7 74.5



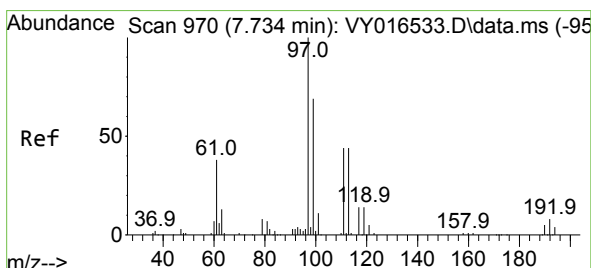
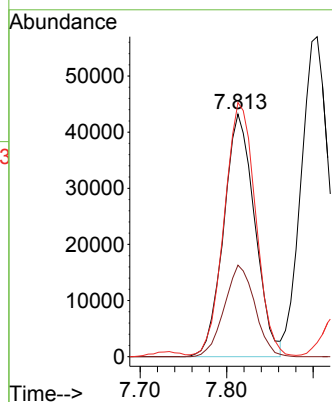
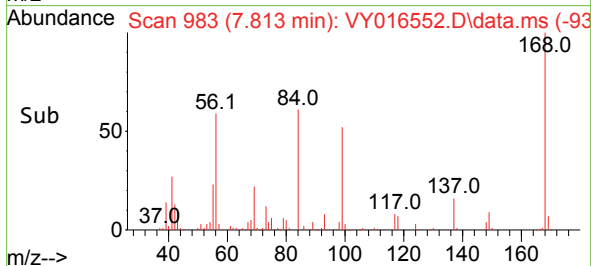


#31
Cyclohexane
Concen: 48.191 ug/l
RT: 7.813 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Instrument :
MSVOA_Y
ClientSampleId :

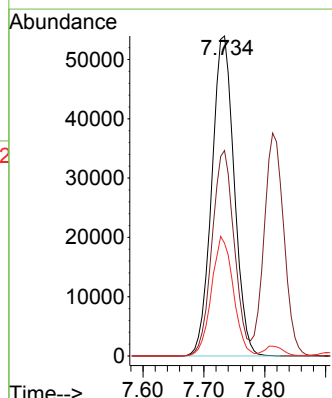
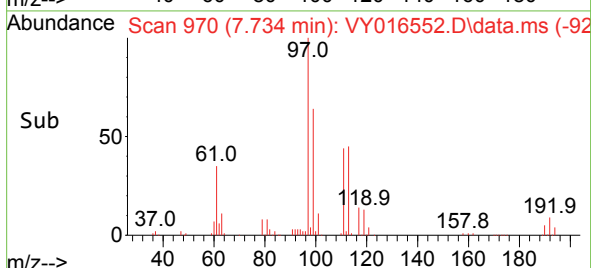
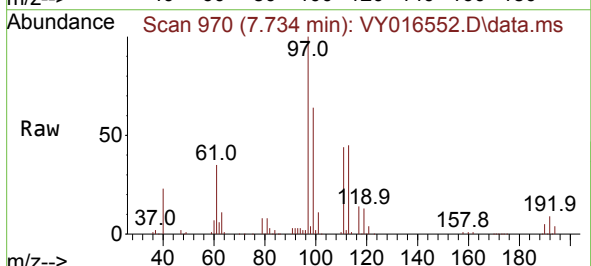


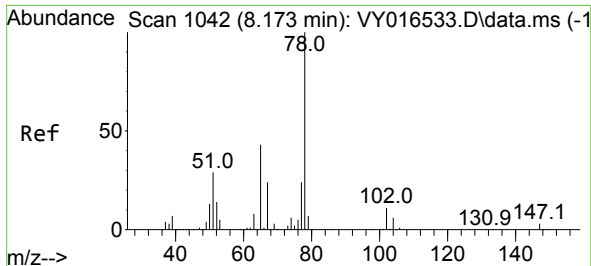
Tgt Ion: 56 Resp: 107953
Ion Ratio Lower Upper
56 100
69 37.7 27.8 41.6
84 103.3 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 51.618 ug/l
RT: 7.734 min Scan# 970
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 97 Resp: 137987
Ion Ratio Lower Upper
97 100
99 63.8 50.8 76.2
61 36.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.192 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

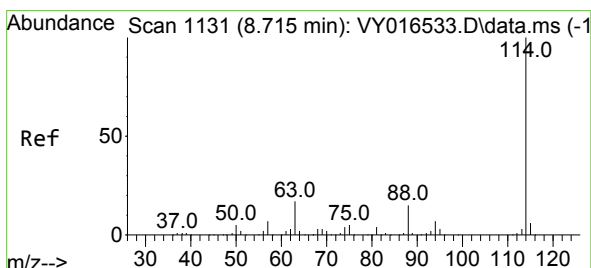
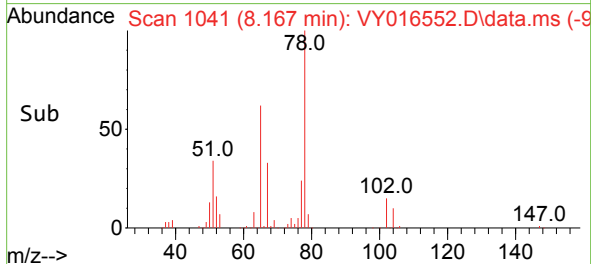
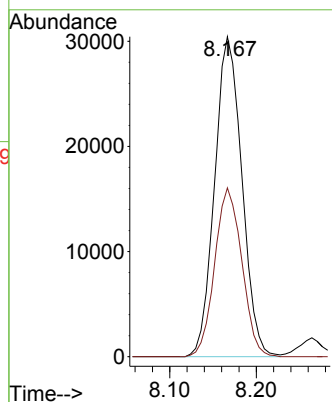
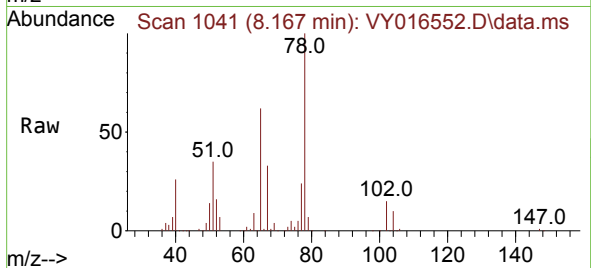
ClientSampleId :

Tgt Ion: 65 Resp: 66597

Ion Ratio Lower Upper

65 100

67 52.3 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.715 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

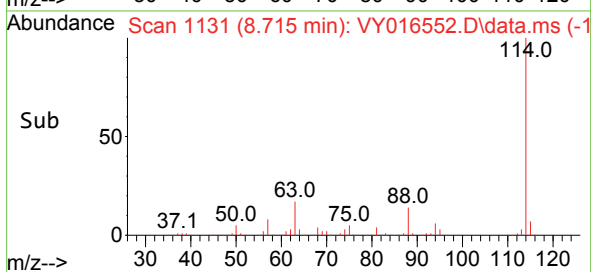
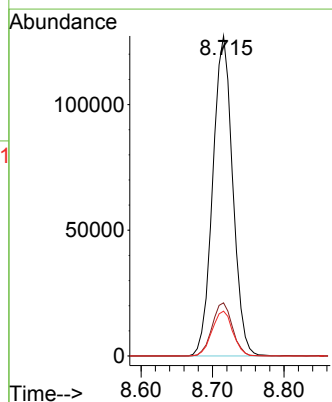
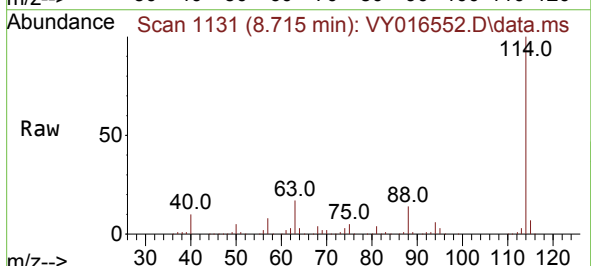
Tgt Ion: 114 Resp: 246495

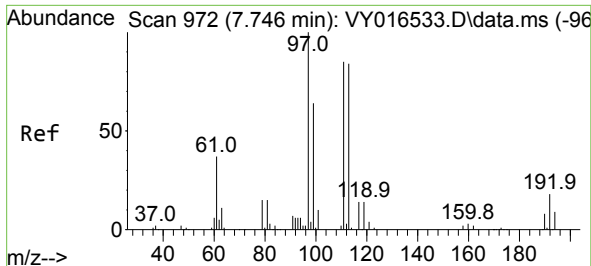
Ion Ratio Lower Upper

114 100

63 16.6 0.0 42.4

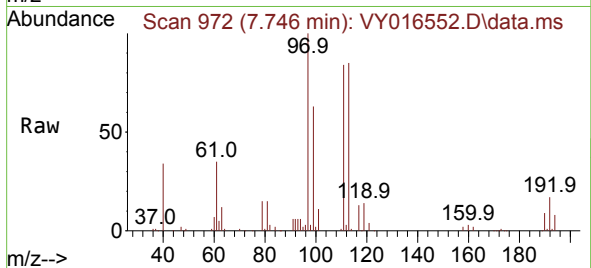
88 14.0 0.0 30.6



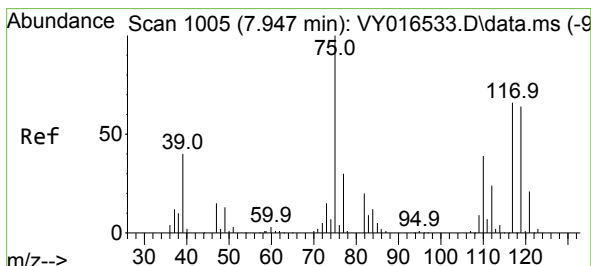
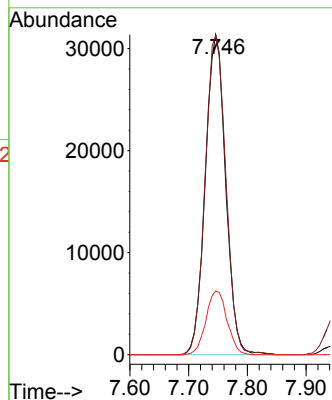
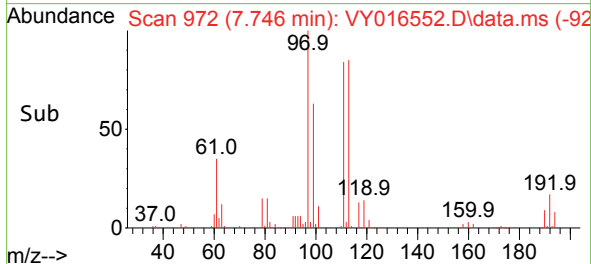


#35
Dibromofluoromethane
Concen: 52.222 ug/l
RT: 7.746 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Instrument :
MSVOA_Y
ClientSampleId :

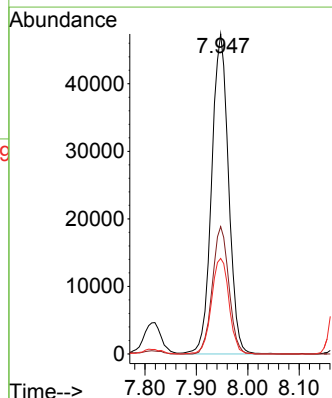
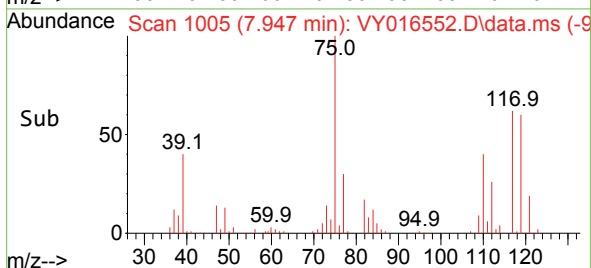
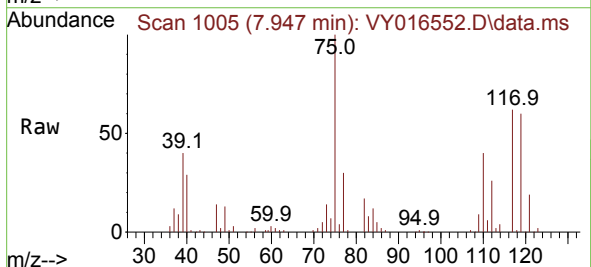


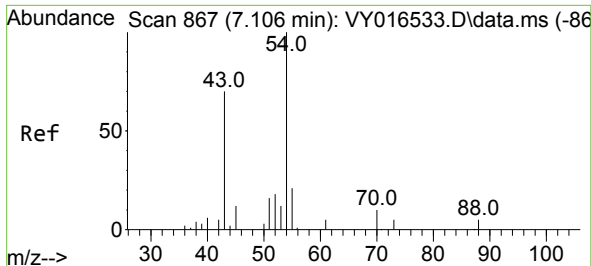
Tgt Ion:113 Resp: 75549
Ion Ratio Lower Upper
113 100
111 101.4 81.3 121.9
192 20.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.688 ug/l
RT: 7.947 min Scan# 1005
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 75 Resp: 108287
Ion Ratio Lower Upper
75 100
110 38.8 17.8 53.5
77 30.9 24.4 36.6





#37

Ethyl Acetate

Concen: 52.888 ug/l

RT: 7.106 min Scan# 867

Delta R.T. -0.000 min

Lab File: VY016552.D

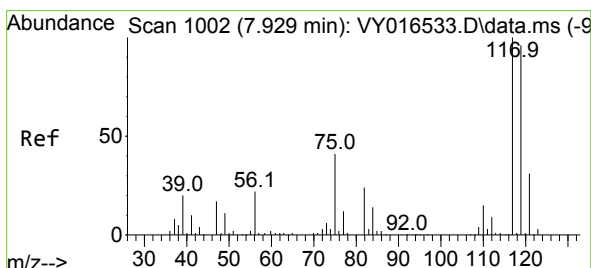
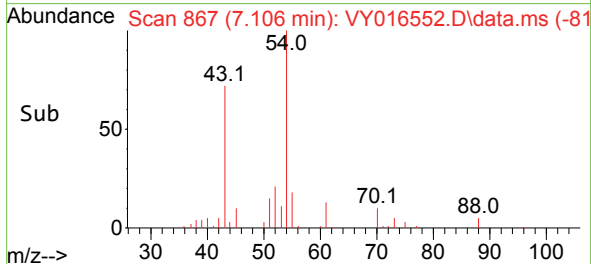
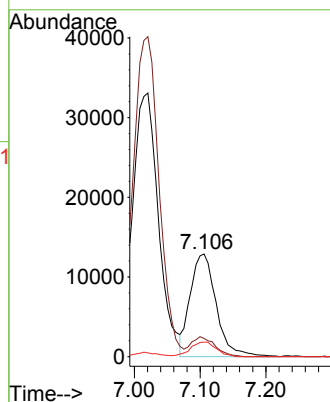
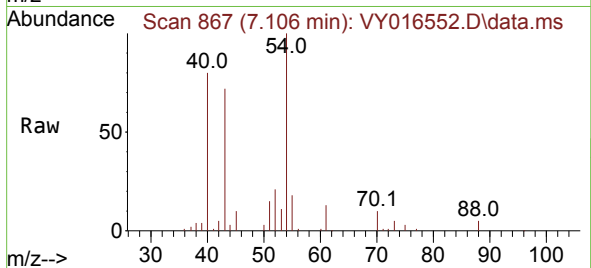
Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	43	Resp:	35413
Ion	Ratio	Lower	Upper
43	100		
61	17.8	10.1	15.1#
70	14.3	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 51.828 ug/l

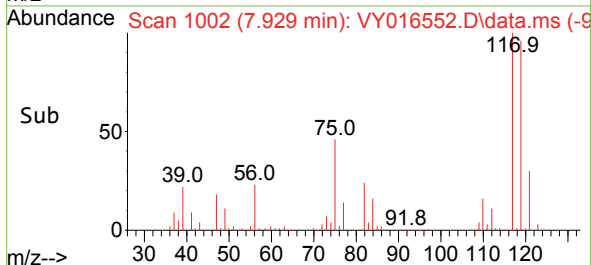
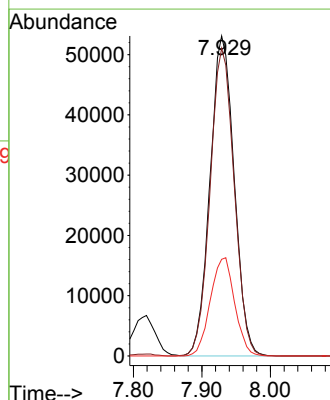
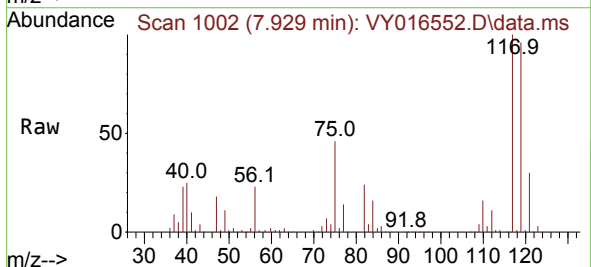
RT: 7.929 min Scan# 1002

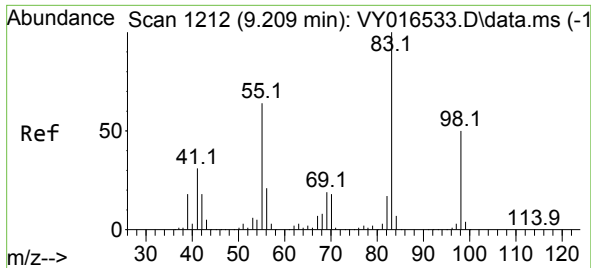
Delta R.T. -0.000 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Tgt Ion:	117	Resp:	129955
Ion	Ratio	Lower	Upper
117	100		
119	96.1	76.4	114.6
121	30.2	25.8	38.6

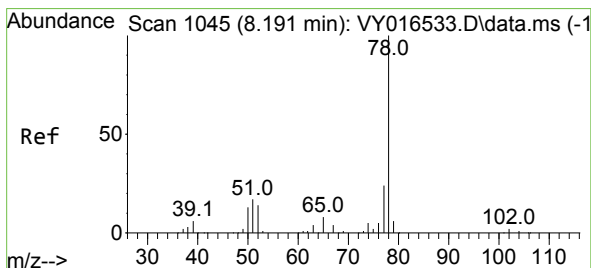
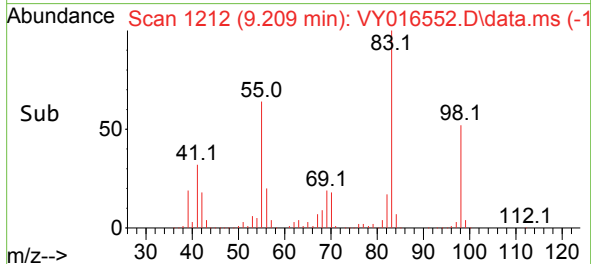
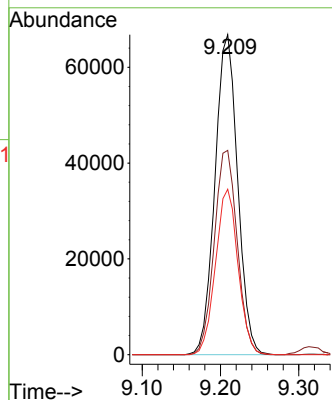
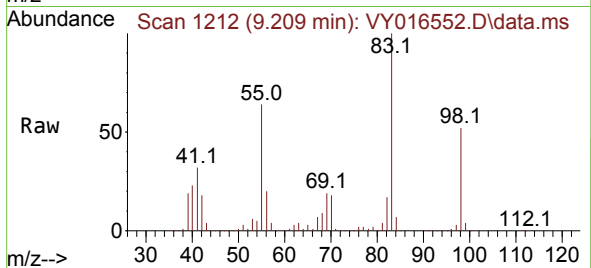




#39
Methylcyclohexane
Concen: 50.487 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

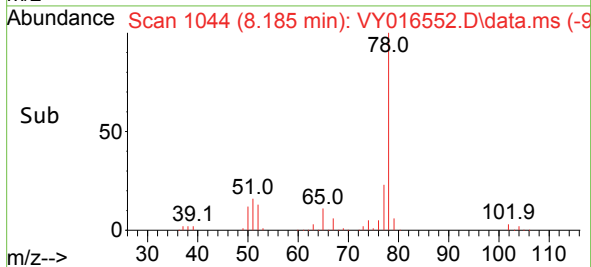
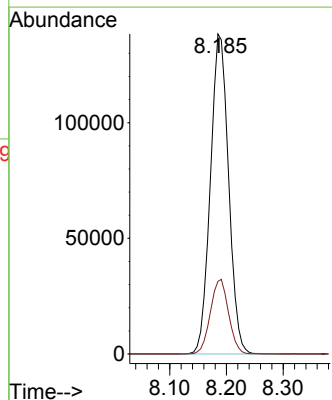
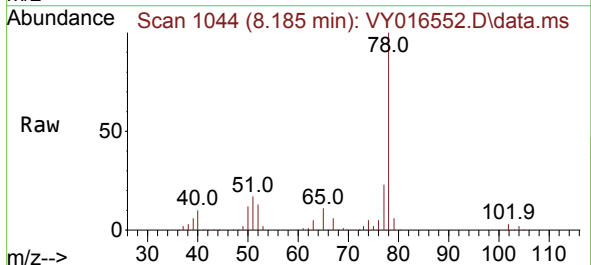
Instrument :
MSVOA_Y
ClientSampleId :

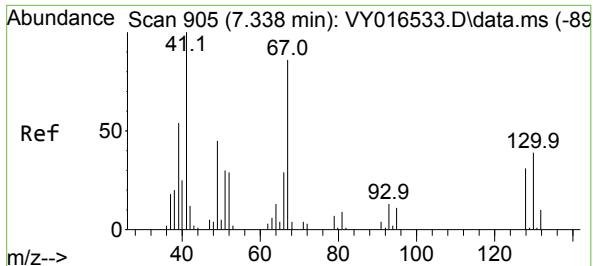
Tgt Ion: 83 Resp: 134532
Ion Ratio Lower Upper
83 100
55 63.9 63.0 94.4
98 51.7 37.4 56.2



#40
Benzene
Concen: 50.831 ug/l
RT: 8.185 min Scan# 1044
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

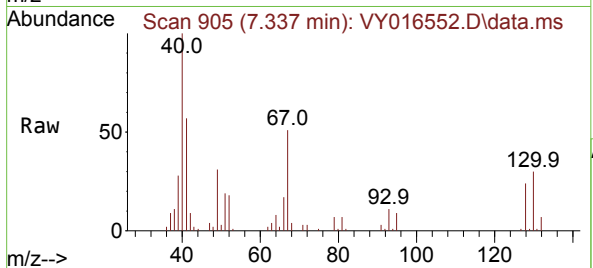
Tgt Ion: 78 Resp: 307894
Ion Ratio Lower Upper
78 100
77 22.7 19.0 28.6



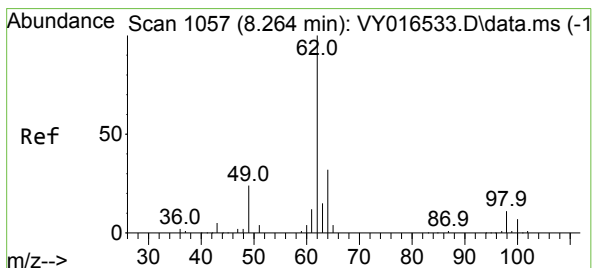
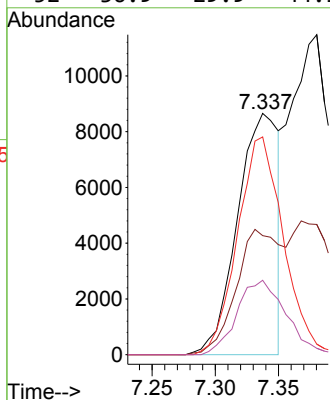
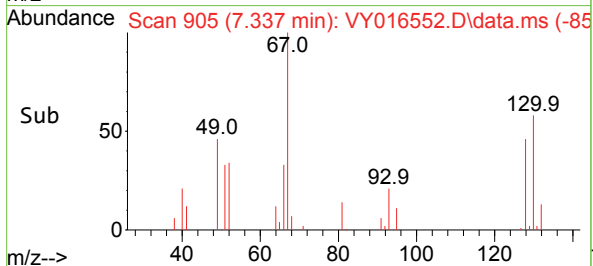


#41
Methacrylonitrile
Concen: 55.291 ug/l
RT: 7.337 min Scan# 905
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

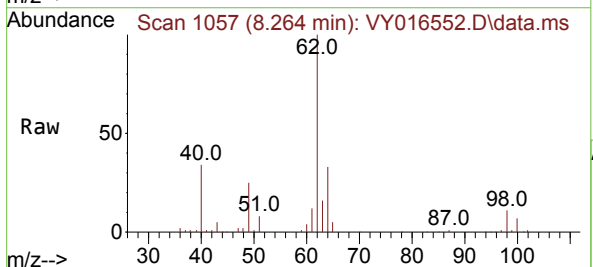
Instrument :
MSVOA_Y
ClientSampleId :



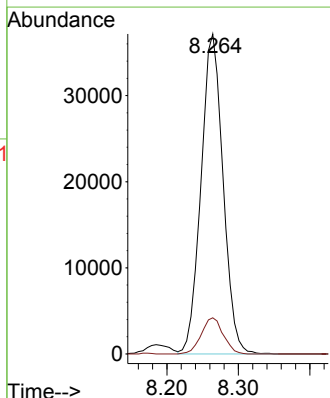
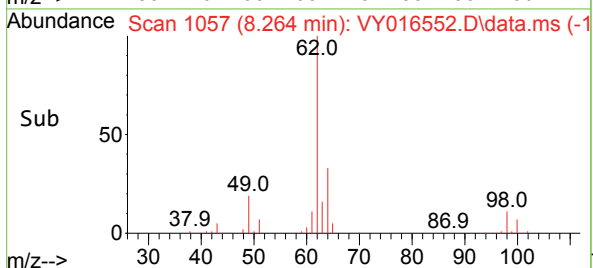
Tgt Ion:	41	Resp:	19502
Ion	Ratio	Lower	Upper
41	100		
39	59.2	52.1	78.1
67	101.6	66.2	99.2#
52	36.9	29.9	44.9

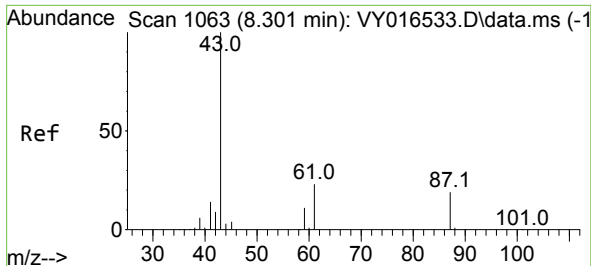


#42
1,2-Dichloroethane
Concen: 53.044 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26



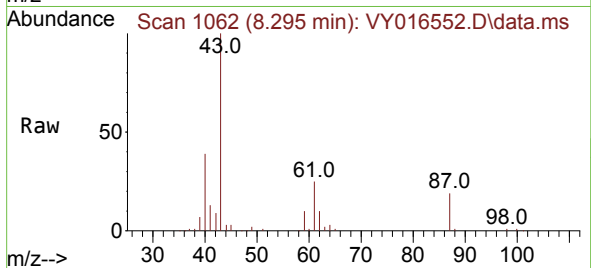
Tgt Ion:	62	Resp:	79621
Ion	Ratio	Lower	Upper
62	100		
98	11.2	0.0	15.8



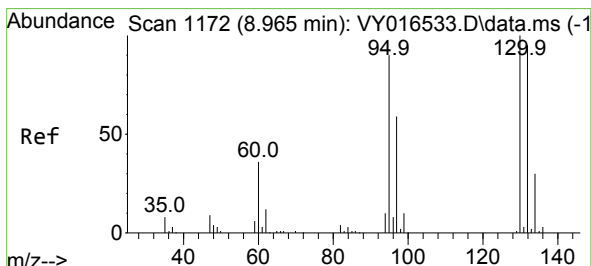
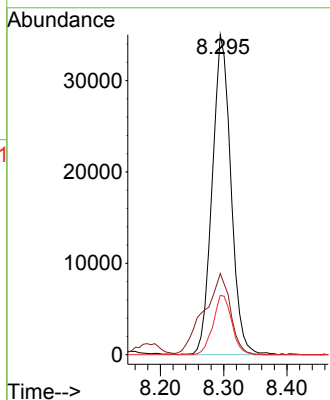
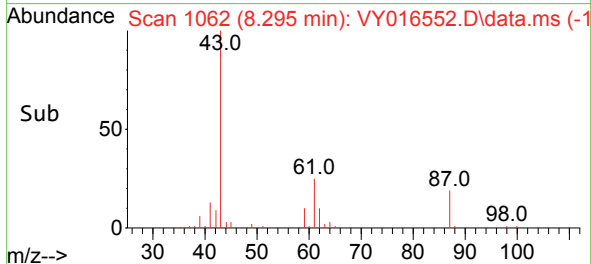


#43
Isopropyl Acetate
Concen: 54.473 ug/l
RT: 8.295 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Instrument :
MSVOA_Y
ClientSampleId :

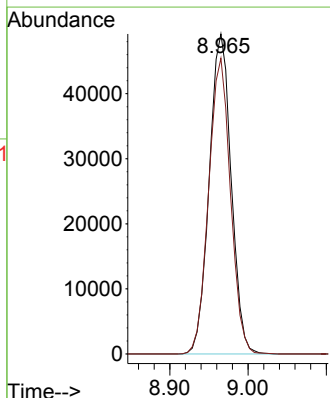
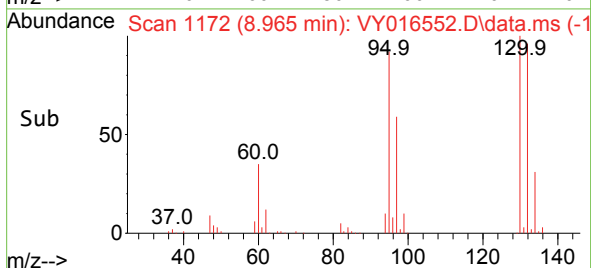
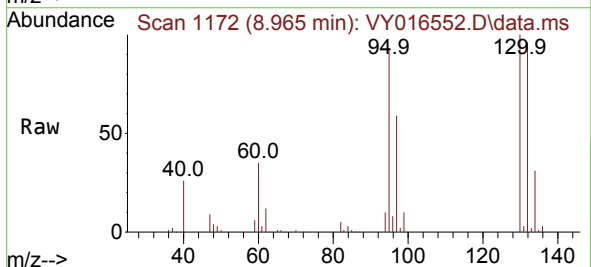


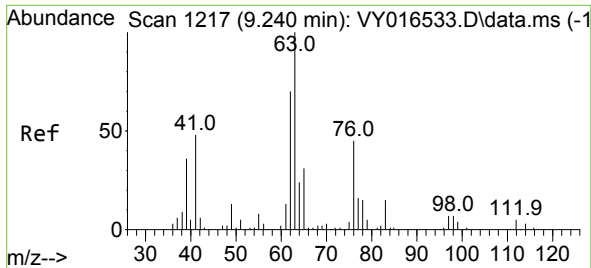
Tgt Ion: 43 Resp: 71723
Ion Ratio Lower Upper
43 100
61 35.9 21.1 31.7#
87 18.6 9.8 14.8#



#44
Trichloroethene
Concen: 51.249 ug/l
RT: 8.965 min Scan# 1172
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion:130 Resp: 95617
Ion Ratio Lower Upper
130 100
95 92.4 0.0 196.0

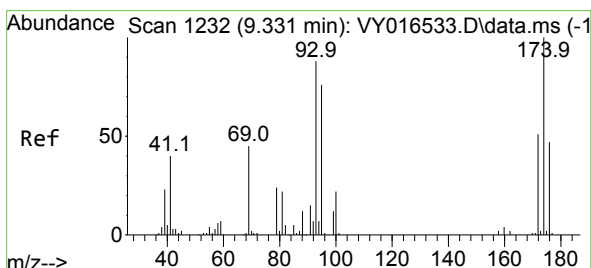
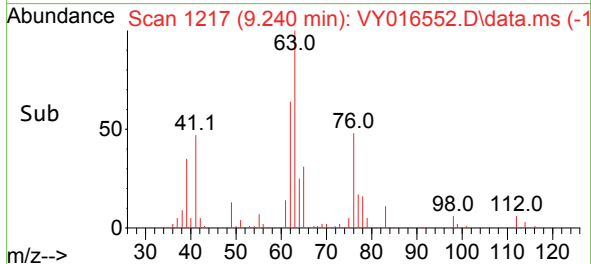
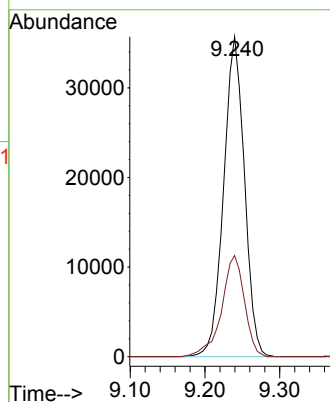
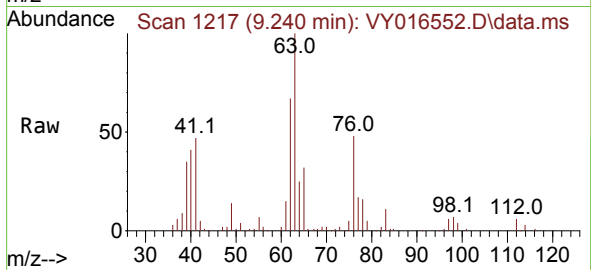




#45
1,2-Dichloropropane
Concen: 50.570 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

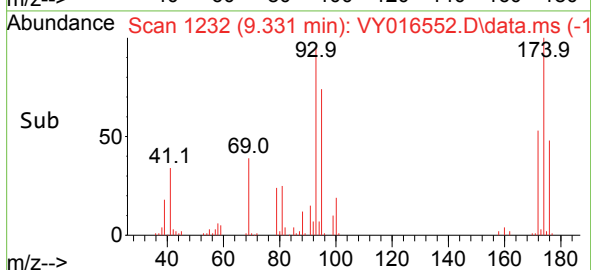
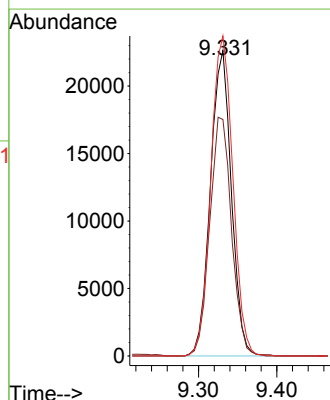
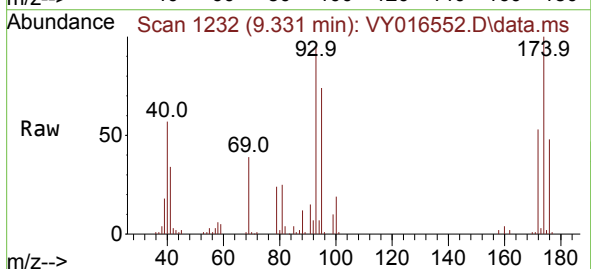
Instrument :
MSVOA_Y
ClientSampleId :

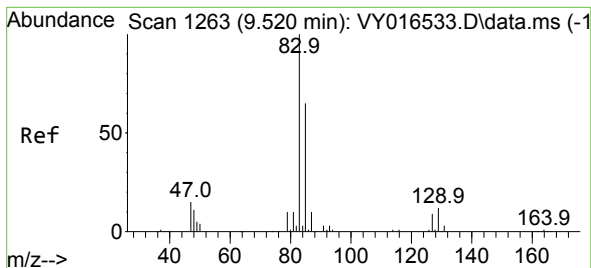
Tgt Ion: 63 Resp: 69119
Ion Ratio Lower Upper
63 100
65 31.6 23.8 35.6



#46
Dibromomethane
Concen: 54.730 ug/l
RT: 9.331 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 93 Resp: 42063
Ion Ratio Lower Upper
93 100
95 81.2 66.6 100.0
174 109.9 84.8 127.2





#47

Bromodichloromethane

Concen: 52.898 ug/l

RT: 9.520 min Scan# 1263

Delta R.T. -0.000 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

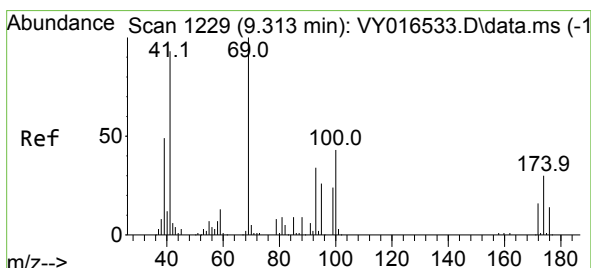
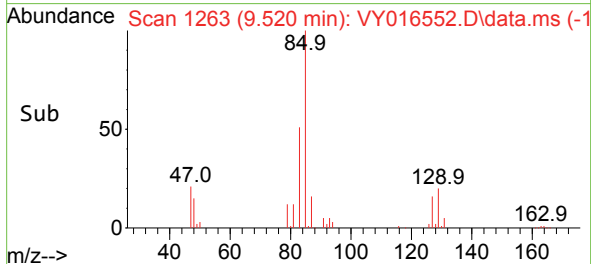
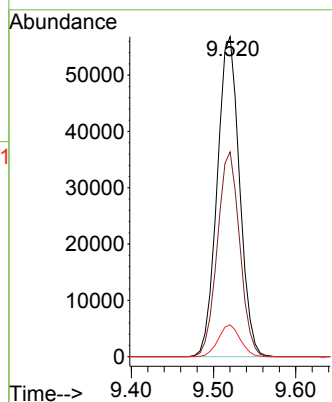
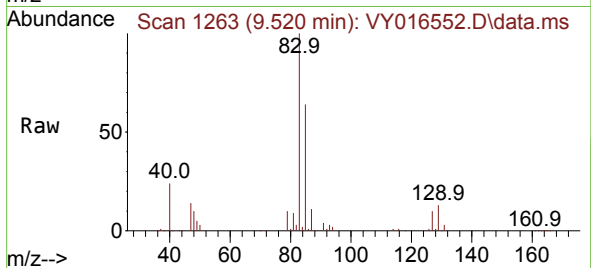
Tgt Ion: 83 Resp: 107339

Ion Ratio Lower Upper

83 100

85 64.0 50.1 75.1

127 10.0 7.1 10.7



#48

Methyl methacrylate

Concen: 54.264 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. -0.000 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

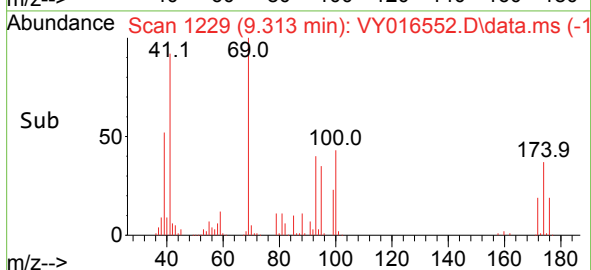
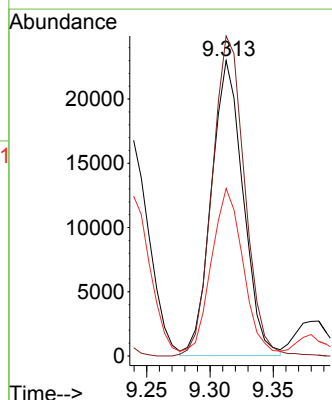
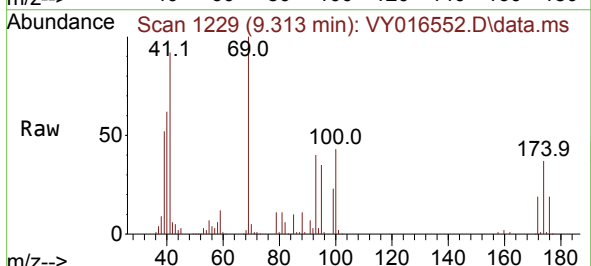
Tgt Ion: 41 Resp: 40112

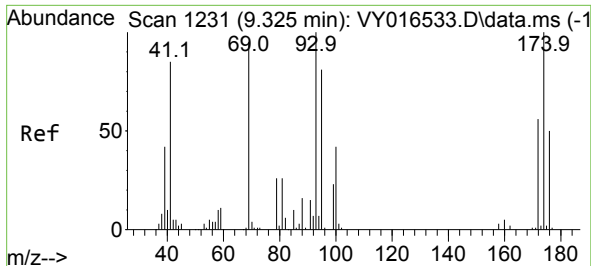
Ion Ratio Lower Upper

41 100

69 110.7 64.5 96.7#

39 54.3 50.8 76.2





#49

1,4-Dioxane

Concen: 1187.023 ug/l

RT: 9.319 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

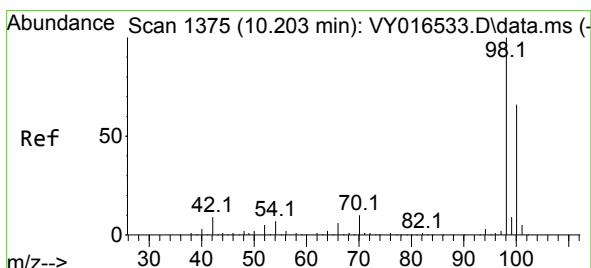
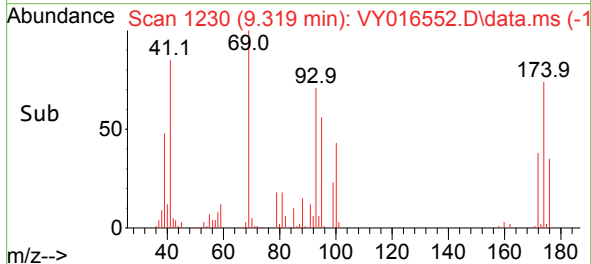
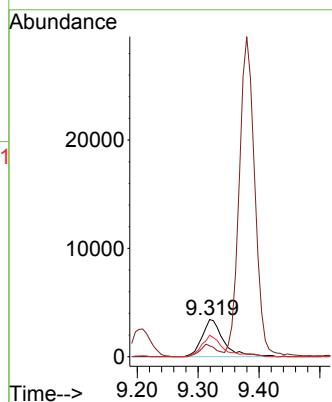
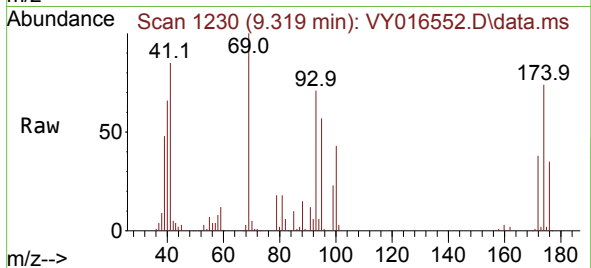
Tgt Ion: 88 Resp: 8456

Ion Ratio Lower Upper

88 100

43 26.0 0.0 0.0#

58 57.6 30.9 46.3#



#50

Toluene-d8

Concen: 51.008 ug/l

RT: 10.203 min Scan# 1375

Delta R.T. -0.000 min

Lab File: VY016552.D

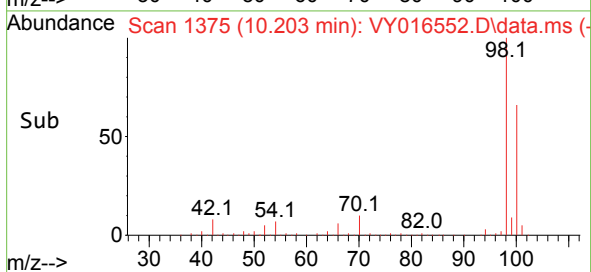
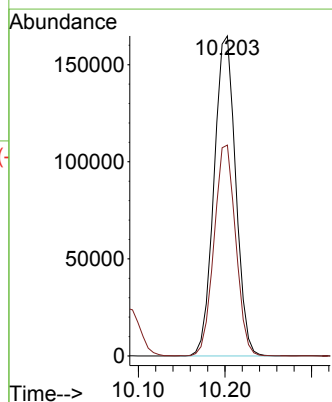
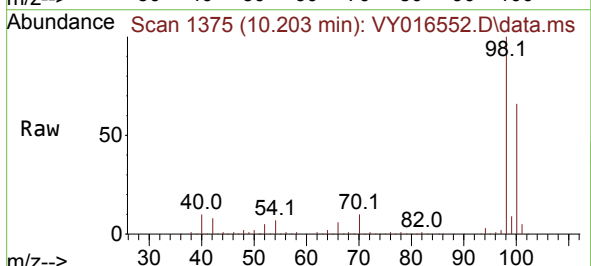
Acq: 01 Dec 2023 09:26

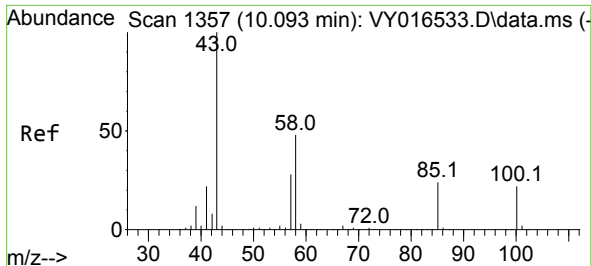
Tgt Ion: 98 Resp: 286212

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

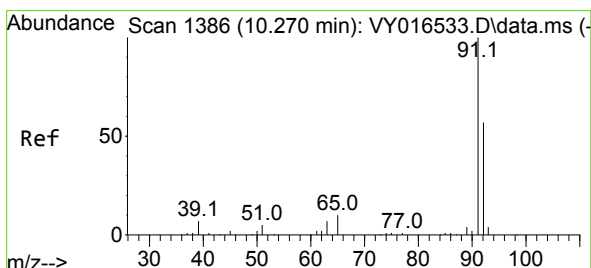
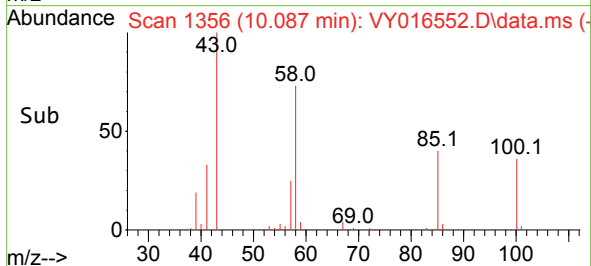
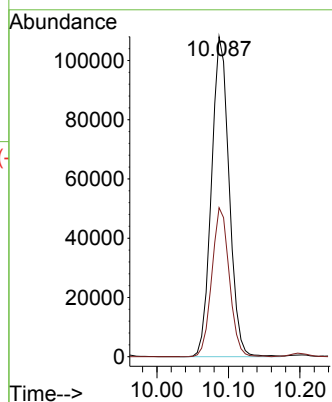
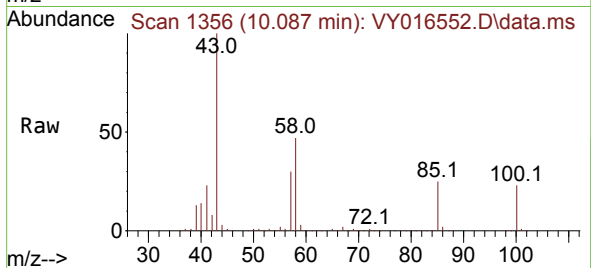




#51
4-Methyl-2-Pentanone
Concen: 269.418 ug/l
RT: 10.087 min Scan# 1356
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

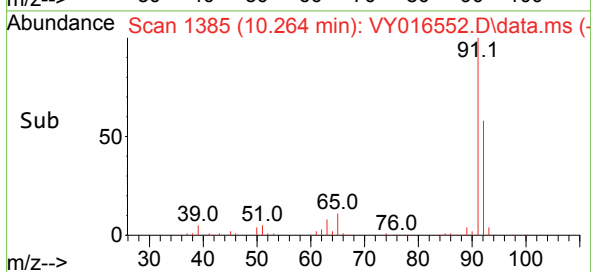
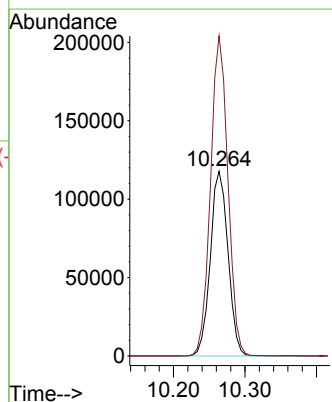
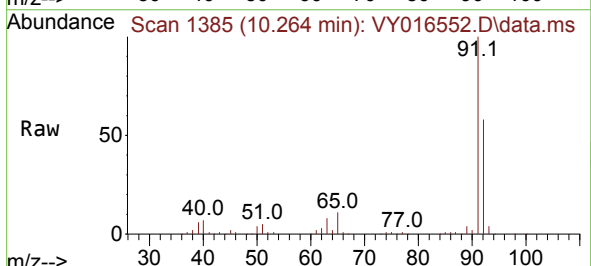
Instrument :
MSVOA_Y
ClientSampleId :

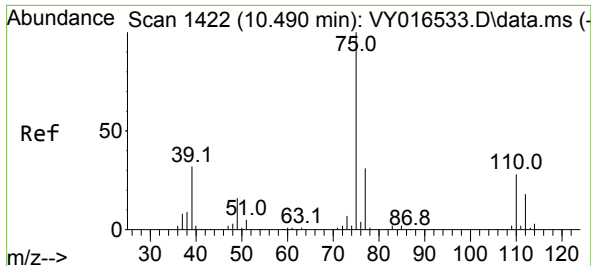
Tgt Ion: 43 Resp: 185058
Ion Ratio Lower Upper
43 100
58 46.1 29.0 43.6#



#52
Toluene
Concen: 51.922 ug/l
RT: 10.264 min Scan# 1385
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 92 Resp: 202032
Ion Ratio Lower Upper
92 100
91 170.6 143.8 215.6

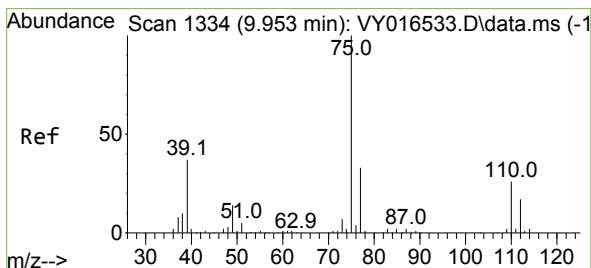
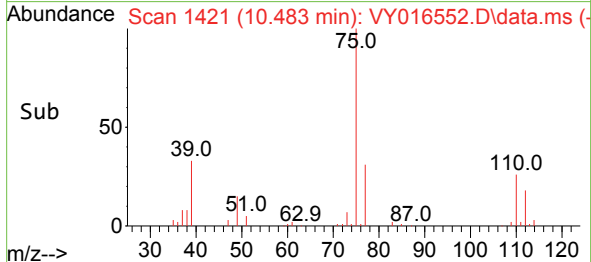
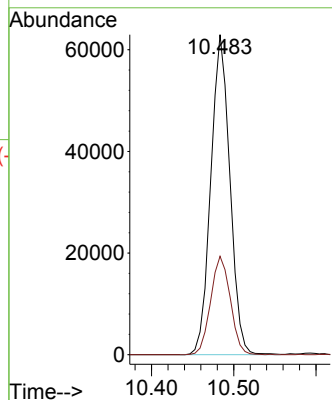
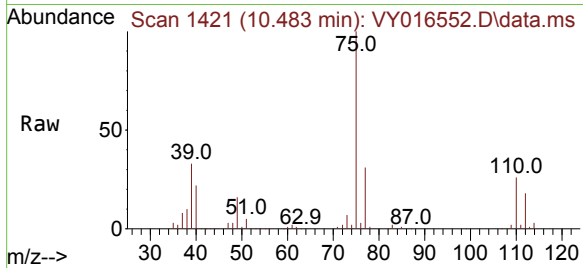




#53
 t-1,3-Dichloropropene
 Concen: 54.016 ug/l
 RT: 10.483 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: VY016552.D
 Acq: 01 Dec 2023 09:26

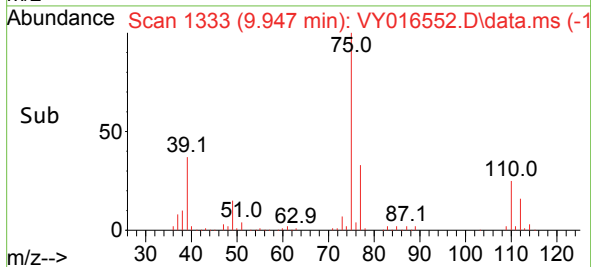
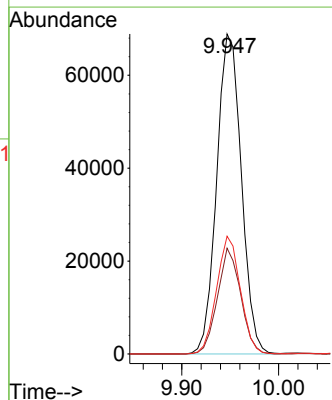
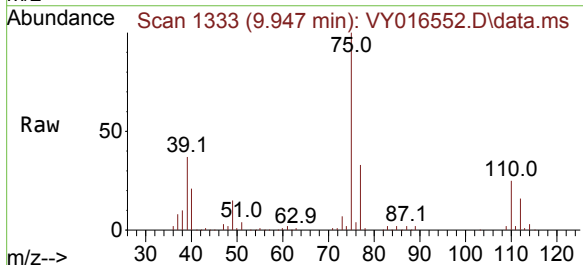
Instrument :
 MSVOA_Y
 ClientSampleId :

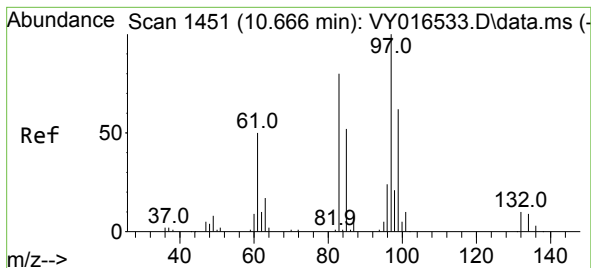
Tgt Ion: 75 Resp: 101568
 Ion Ratio Lower Upper
 75 100
 77 30.7 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 53.517 ug/l
 RT: 9.947 min Scan# 1333
 Delta R.T. -0.006 min
 Lab File: VY016552.D
 Acq: 01 Dec 2023 09:26

Tgt Ion: 75 Resp: 121940
 Ion Ratio Lower Upper
 75 100
 77 33.1 24.2 36.4
 39 36.8 42.2 63.4#





#55

1,1,2-Trichloroethane

Concen: 53.394 ug/l

RT: 10.660 min Scan# 1451

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 59215

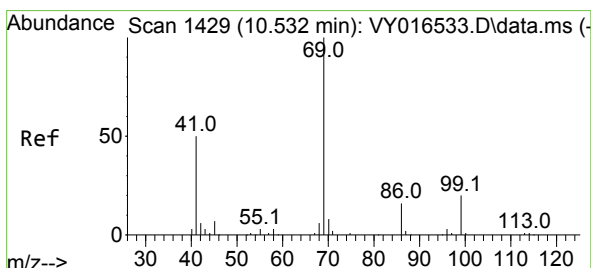
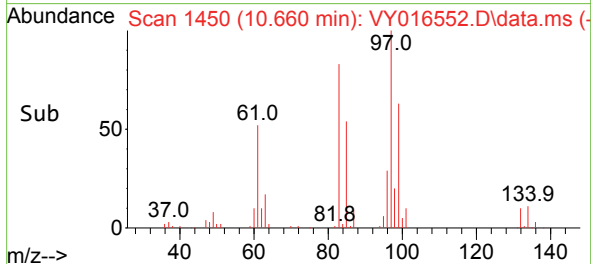
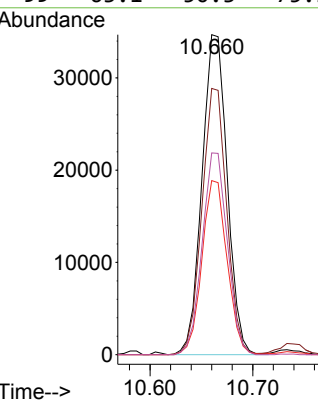
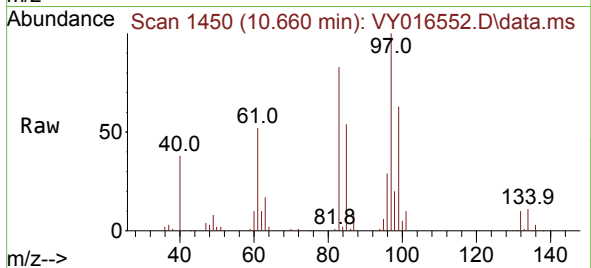
Ion Ratio Lower Upper

97 100

83 83.2 72.0 108.0

85 54.4 45.4 68.0

99 63.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 56.176 ug/l

RT: 10.526 min Scan# 1428

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

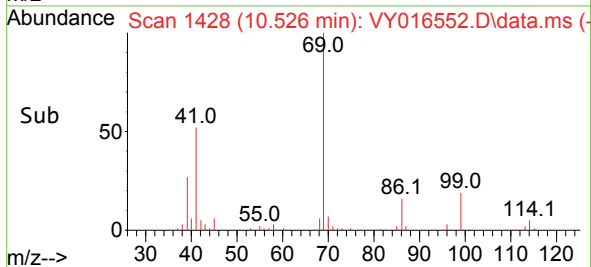
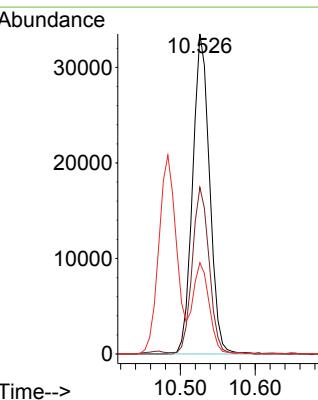
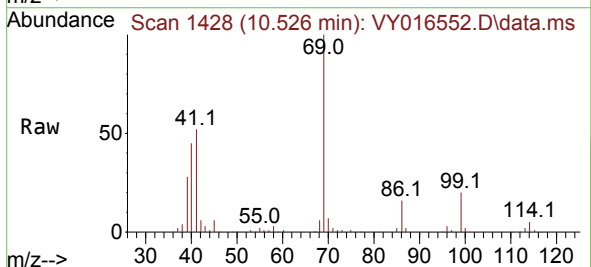
Tgt Ion: 69 Resp: 52722

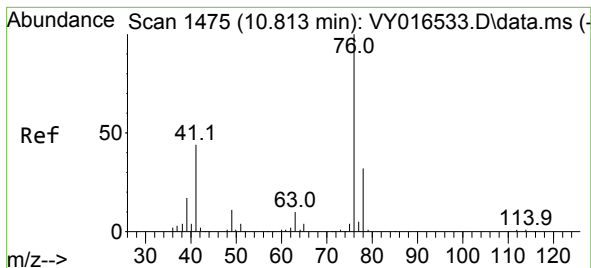
Ion Ratio Lower Upper

69 100

41 51.2 57.6 86.4#

39 27.6 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 53.953 ug/l

RT: 10.806 min Scan# 1474

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

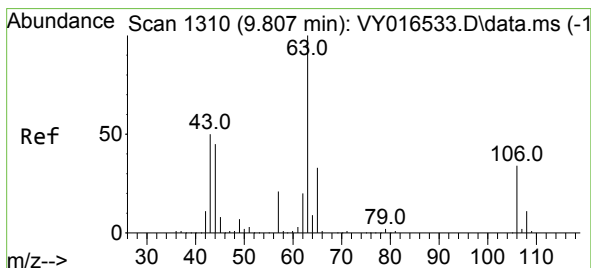
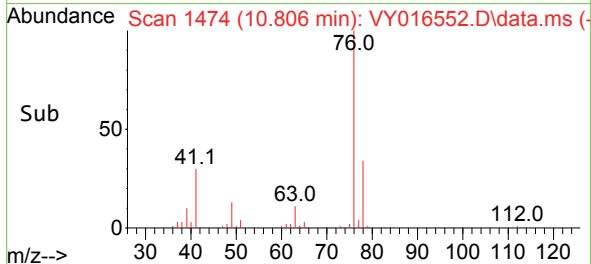
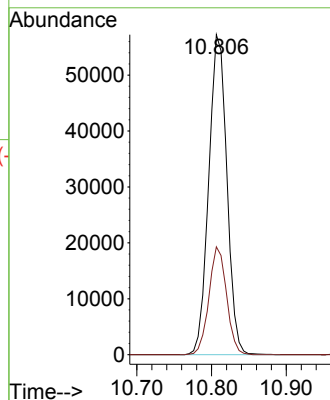
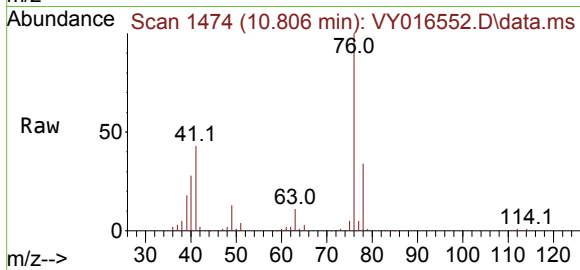
ClientSampleId :

Tgt Ion: 76 Resp: 96379

Ion Ratio Lower Upper

76 100

78 32.7 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 272.204 ug/l

RT: 9.800 min Scan# 1309

Delta R.T. -0.006 min

Lab File: VY016552.D

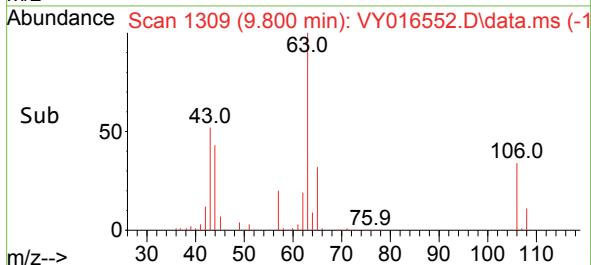
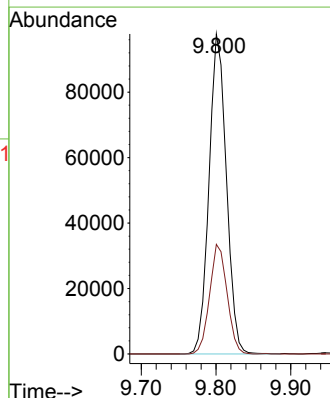
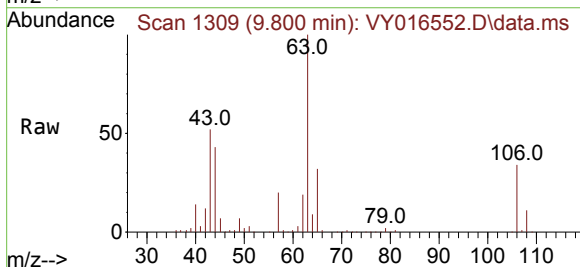
Acq: 01 Dec 2023 09:26

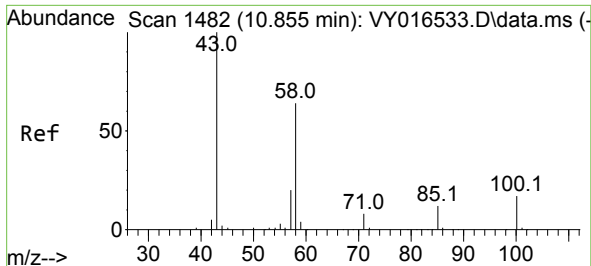
Tgt Ion: 63 Resp: 157975

Ion Ratio Lower Upper

63 100

106 34.3 21.2 31.8#

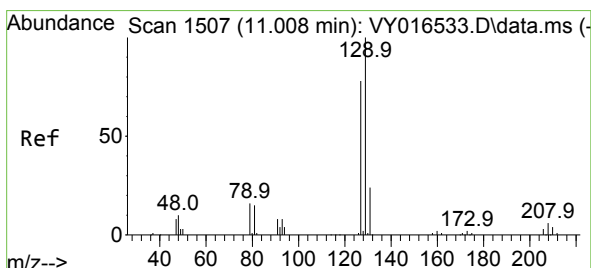
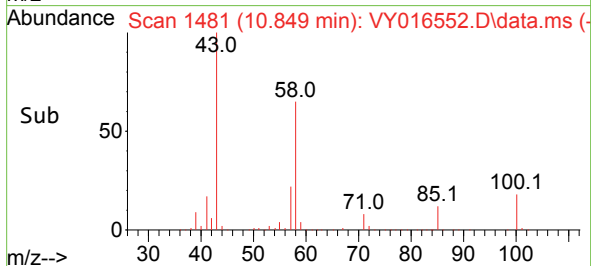
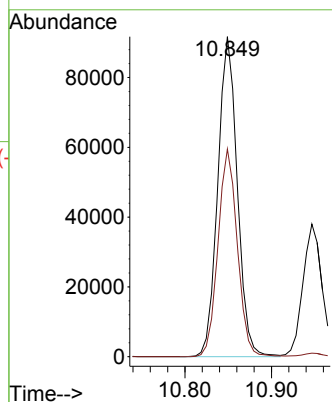
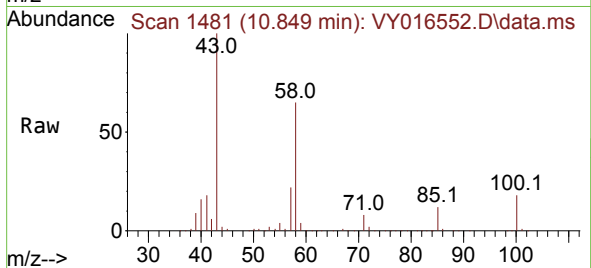




#59
2-Hexanone
Concen: 264.300 ug/l
RT: 10.849 min Scan# 1481
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

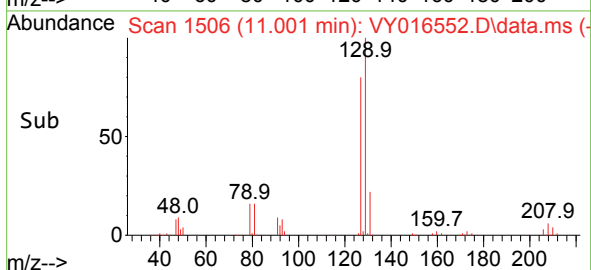
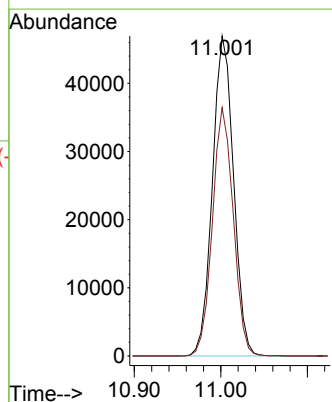
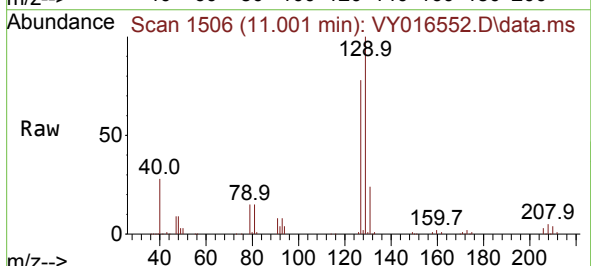
Instrument :
MSVOA_Y
ClientSampleId :

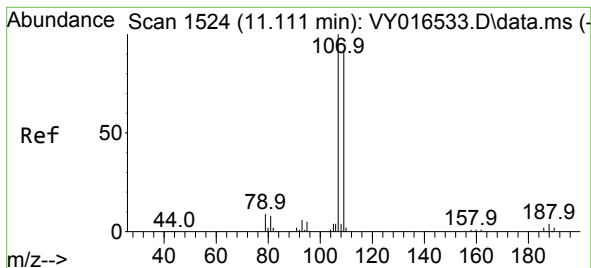
Tgt Ion: 43 Resp: 143400
Ion Ratio Lower Upper
43 100
58 64.3 25.1 75.3



#60
Dibromochloromethane
Concen: 54.779 ug/l
RT: 11.001 min Scan# 1506
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 129 Resp: 79406
Ion Ratio Lower Upper
129 100
127 76.7 38.5 115.5

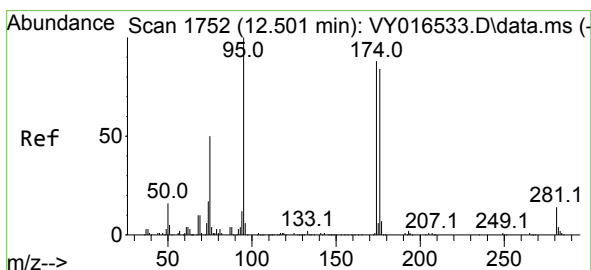
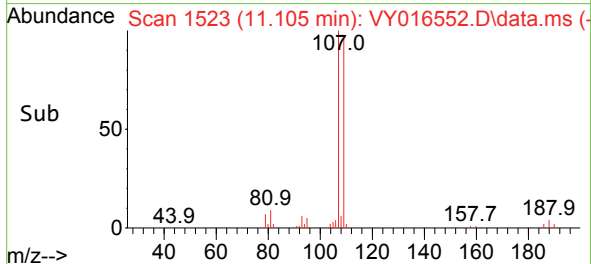
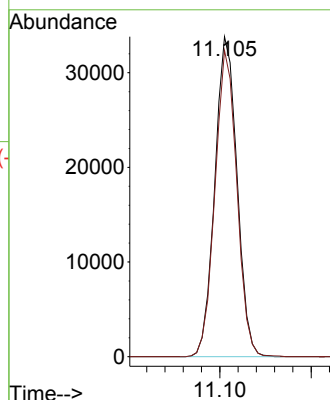
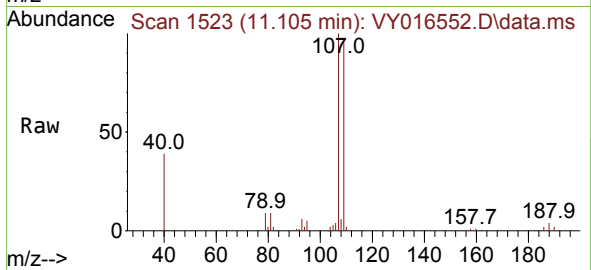




#61
1,2-Dibromoethane
Concen: 54.437 ug/l
RT: 11.105 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

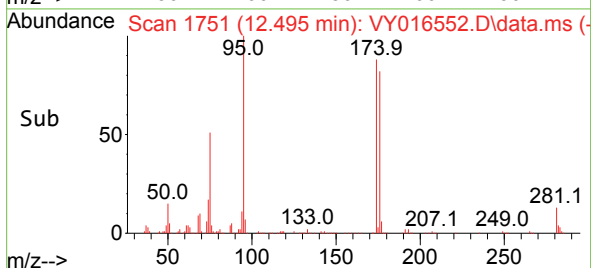
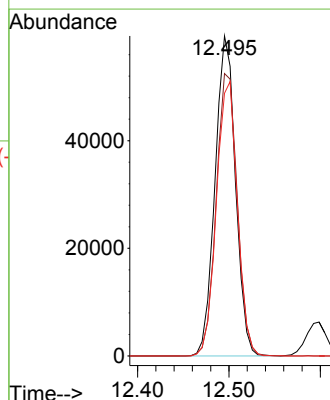
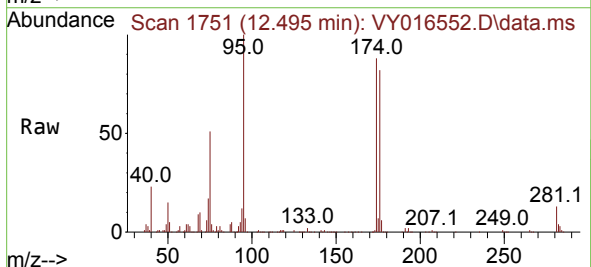
Instrument :
MSVOA_Y
ClientSampleId :

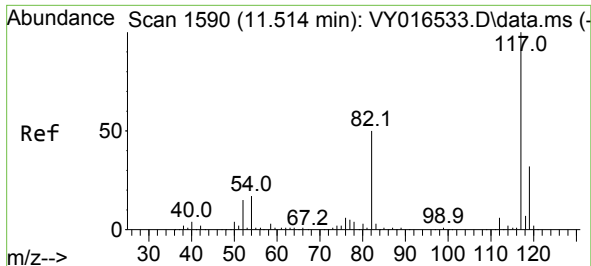
Tgt Ion:107 Resp: 57011
Ion Ratio Lower Upper
107 100
109 94.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 52.453 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 95 Resp: 92329
Ion Ratio Lower Upper
95 100
174 91.1 0.0 178.2
176 88.1 0.0 173.8

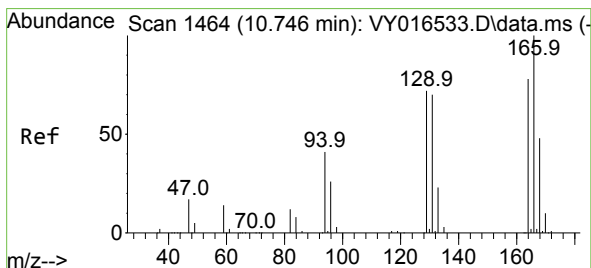
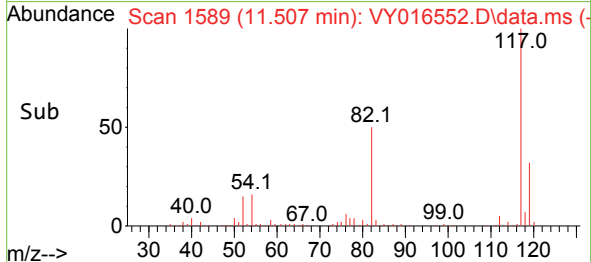
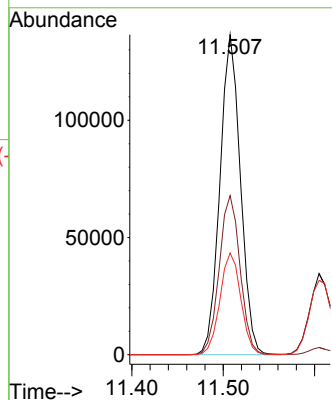
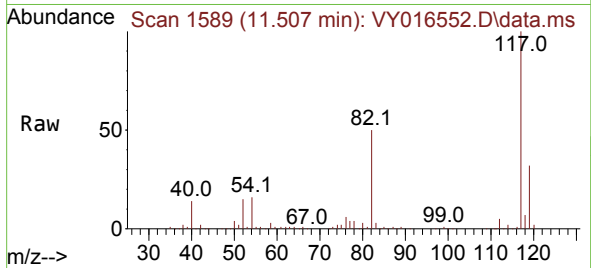




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.507 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

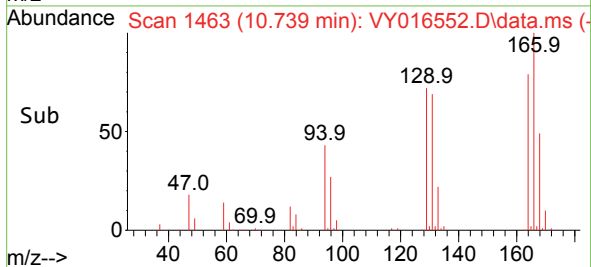
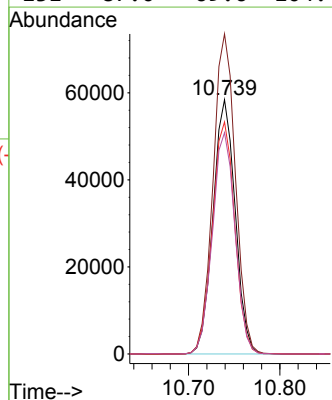
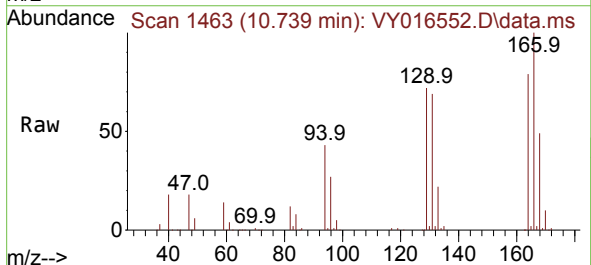
Instrument :
MSVOA_Y
ClientSampleId :

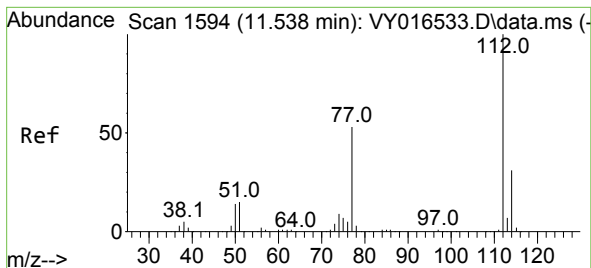
Tgt Ion:117 Resp: 213006
Ion Ratio Lower Upper
117 100
82 49.7 43.4 65.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 51.881 ug/l
RT: 10.739 min Scan# 1463
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion:164 Resp: 98349
Ion Ratio Lower Upper
164 100
166 125.9 103.0 154.6
129 91.2 77.2 115.8
131 87.0 69.6 104.4





#65

Chlorobenzene

Concen: 51.297 ug/l

RT: 11.532 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

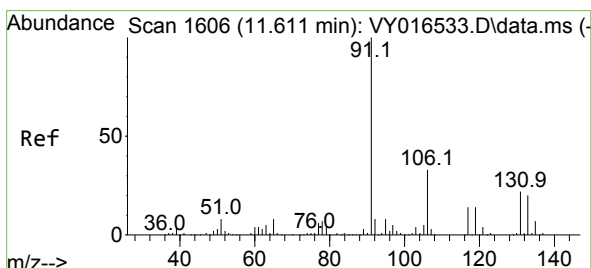
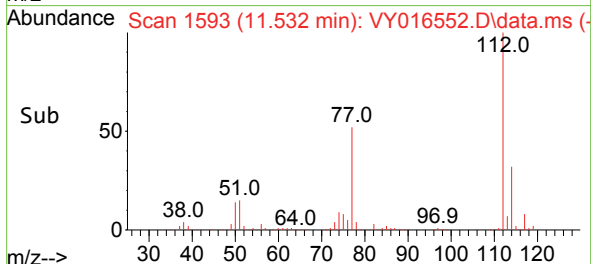
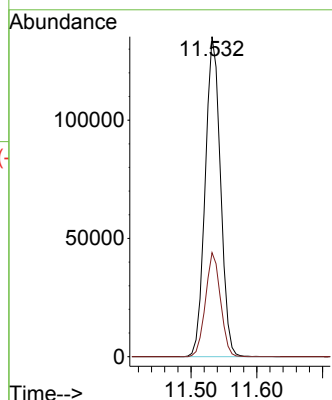
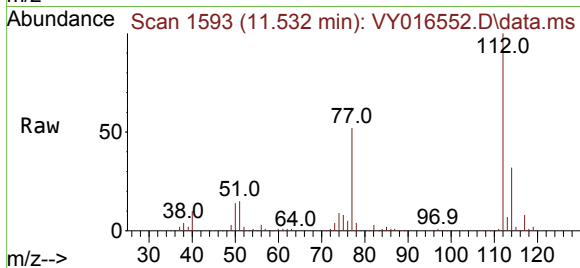
ClientSampleId :

Tgt Ion:112 Resp: 218821

Ion Ratio Lower Upper

112 100

114 32.5 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 51.958 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

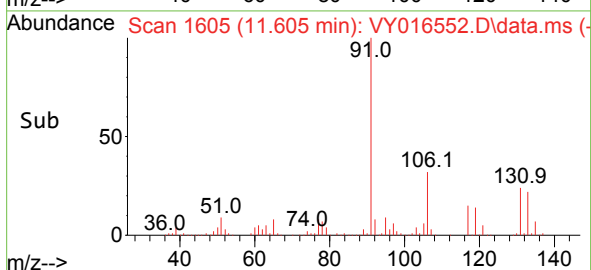
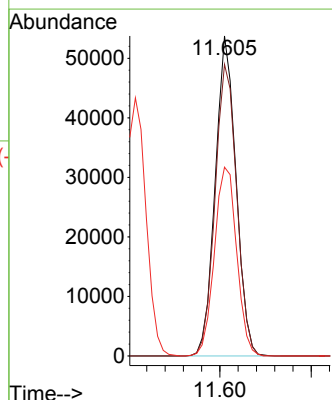
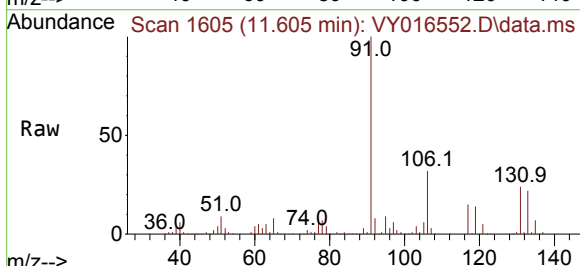
Tgt Ion:131 Resp: 84965

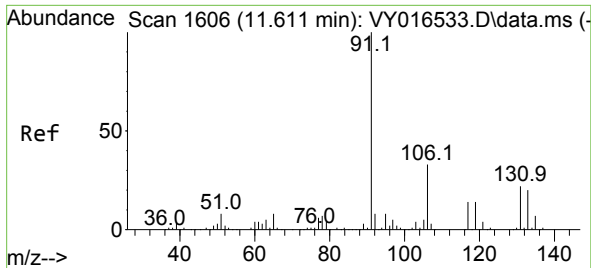
Ion Ratio Lower Upper

131 100

133 94.8 47.5 142.6

119 63.2 31.6 94.7

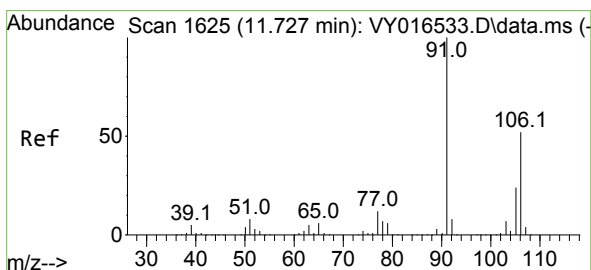
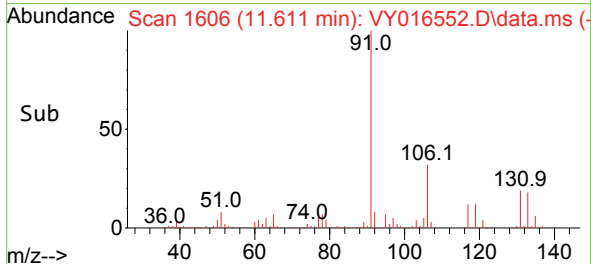
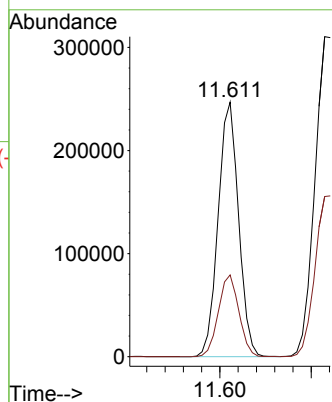
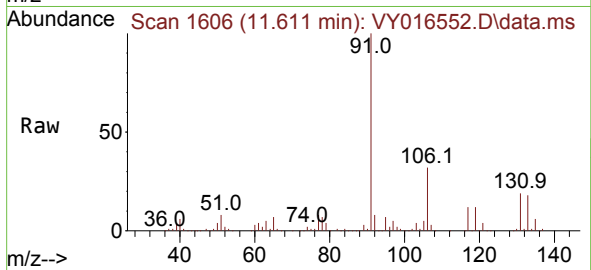




#67
Ethyl Benzene
Concen: 51.189 ug/l
RT: 11.611 min Scan# 1606
Delta R.T. -0.000 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

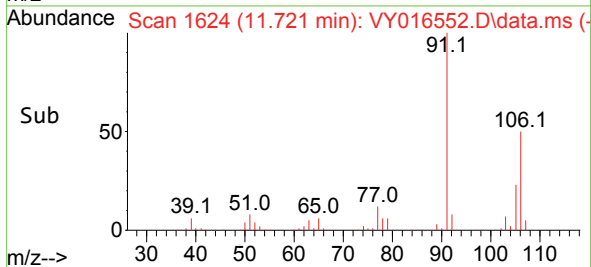
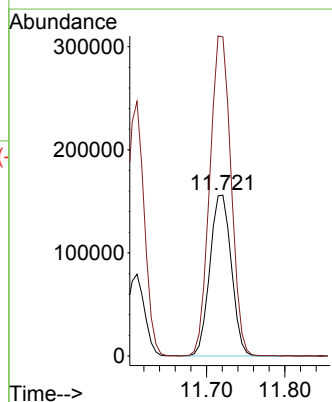
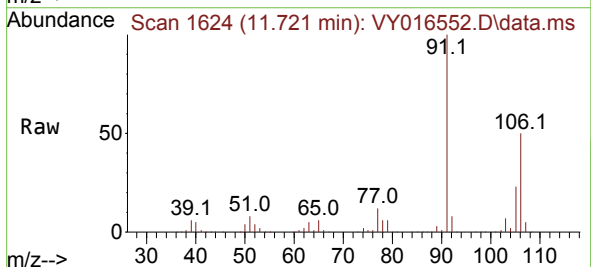
Instrument :
MSVOA_Y
ClientSampleId :

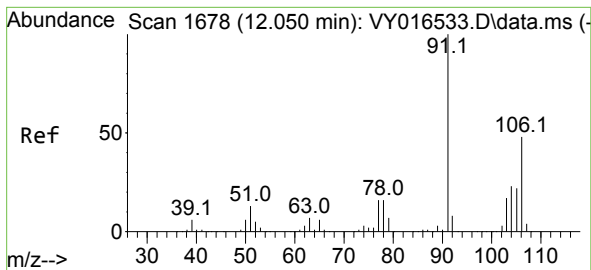
Tgt Ion: 91 Resp: 383308
Ion Ratio Lower Upper
91 100
106 32.1 24.6 36.8



#68
m/p-Xylenes
Concen: 102.582 ug/l
RT: 11.721 min Scan# 1624
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion:106 Resp: 297277
Ion Ratio Lower Upper
106 100
91 196.7 166.1 249.1





#69

o-Xylene

Concen: 53.028 ug/l

RT: 12.044 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

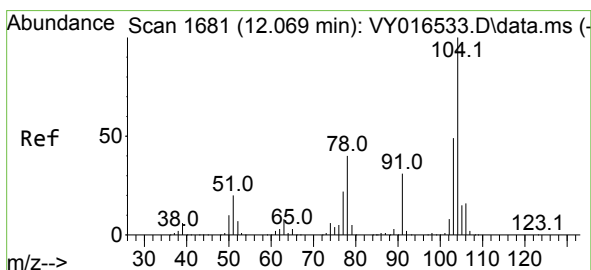
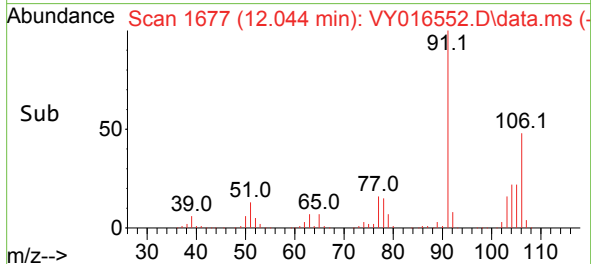
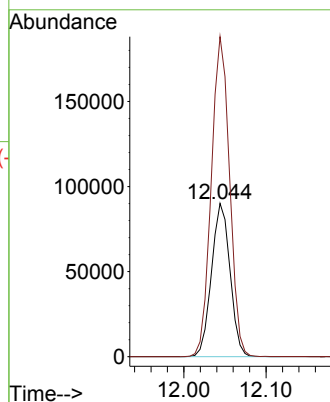
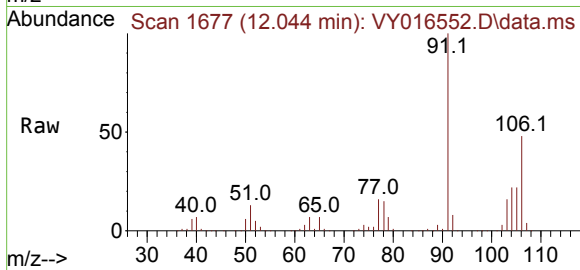
ClientSampleId :

Tgt Ion:106 Resp: 141080

Ion Ratio Lower Upper

106 100

91 206.3 108.1 324.3



#70

Styrene

Concen: 52.411 ug/l

RT: 12.062 min Scan# 1680

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

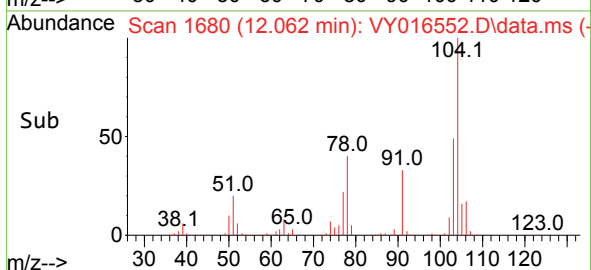
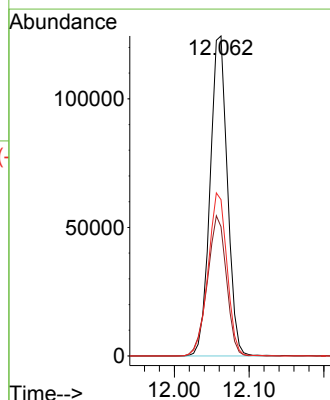
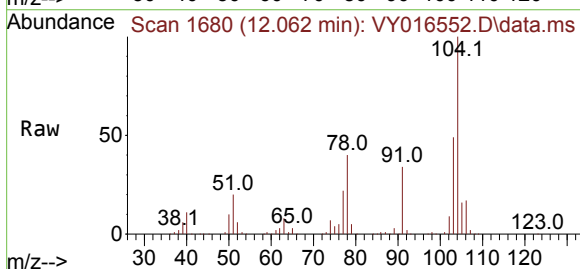
Tgt Ion:104 Resp: 200626

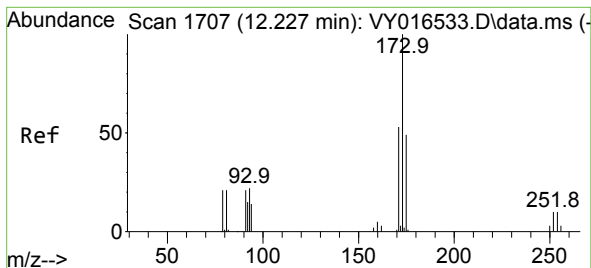
Ion Ratio Lower Upper

104 100

78 48.0 41.5 62.3

103 55.6 44.6 67.0





#71

Bromoform

Concen: 55.338 ug/l

RT: 12.221 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

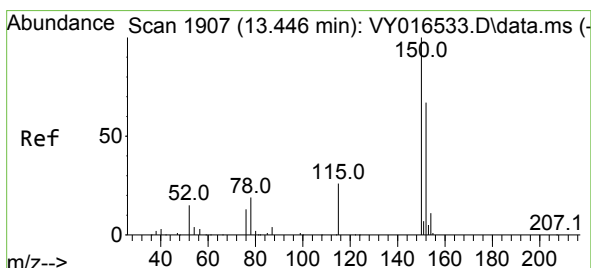
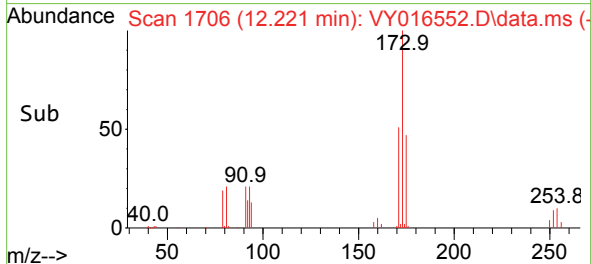
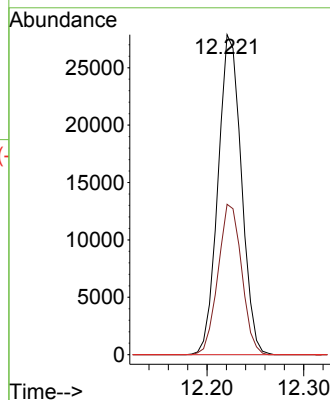
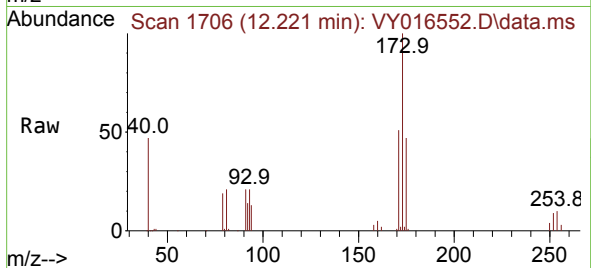
Tgt Ion:173 Resp: 46742

Ion Ratio Lower Upper

173 100

175 47.5 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

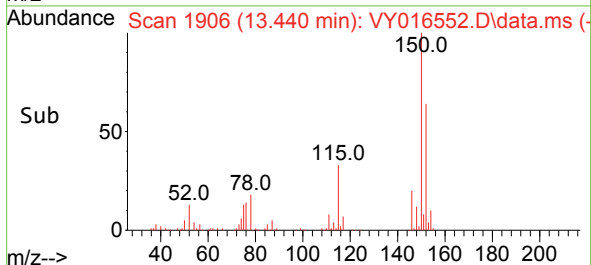
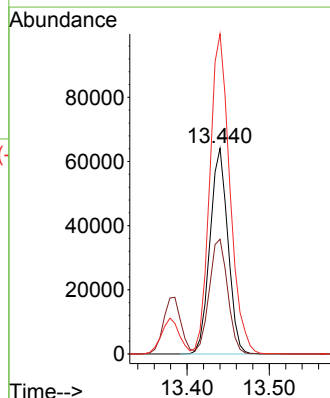
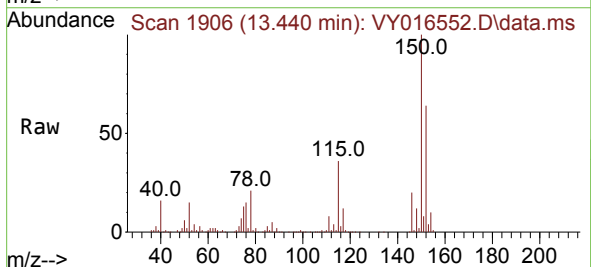
Tgt Ion:152 Resp: 97293

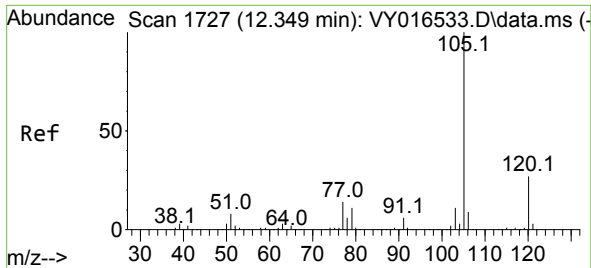
Ion Ratio Lower Upper

152 100

115 57.2 28.8 86.5

150 174.0 0.0 348.8

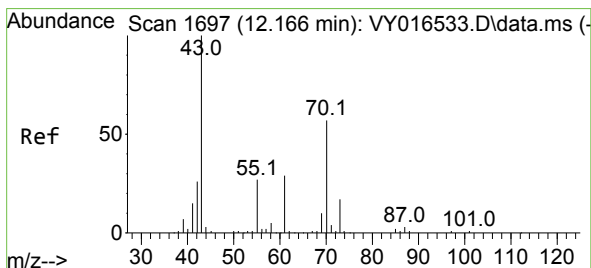
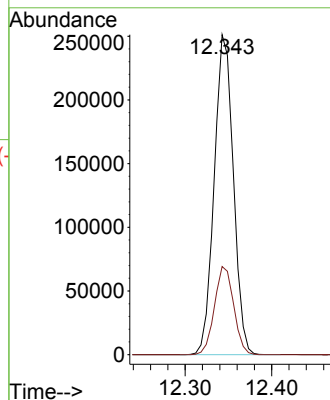
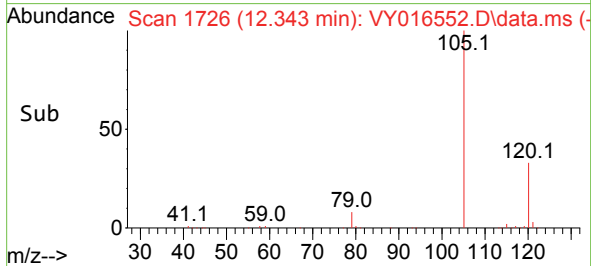
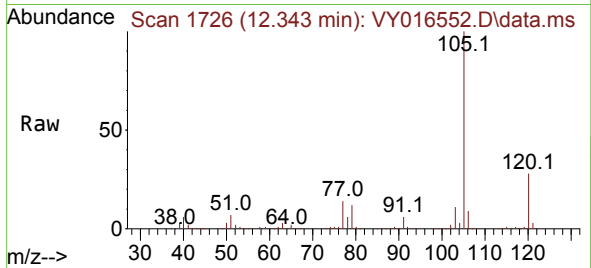




#73
Isopropylbenzene
Concen: 52.249 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

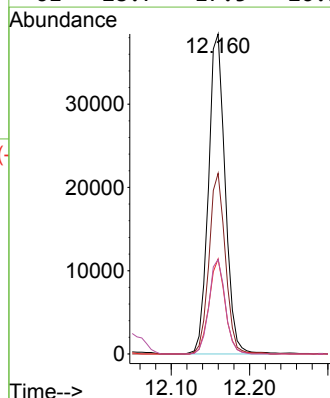
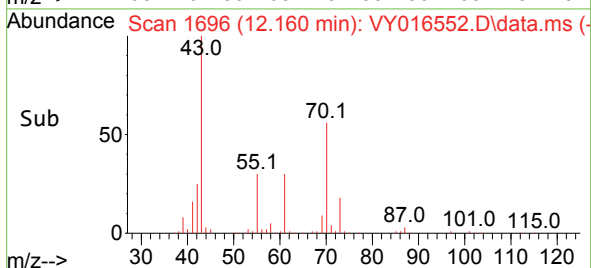
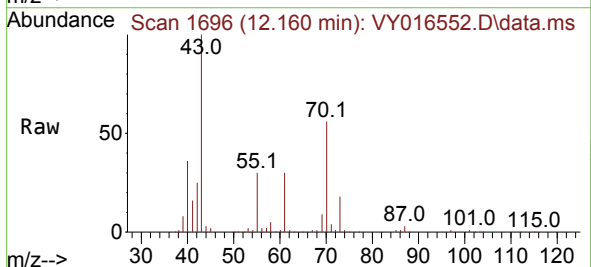
Instrument :
MSVOA_Y
ClientSampleId :

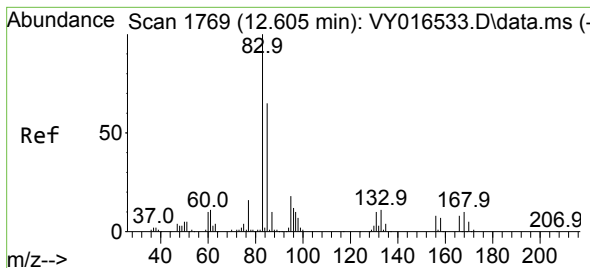
Tgt Ion:105 Resp: 385504
Ion Ratio Lower Upper
105 100
120 27.6 13.3 39.9



#74
N-ethyl acetate
Concen: 54.659 ug/l
RT: 12.160 min Scan# 1696
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 43 Resp: 56953
Ion Ratio Lower Upper
43 100
70 55.3 29.7 44.5#
55 28.8 18.3 27.5#
61 28.7 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 53.408 ug/l

RT: 12.599 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

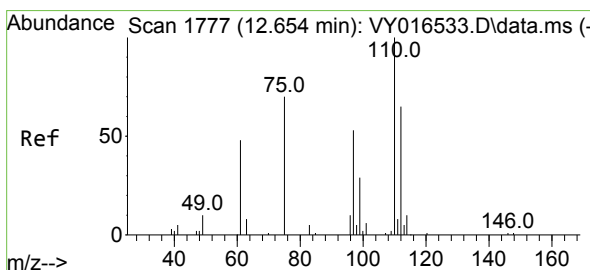
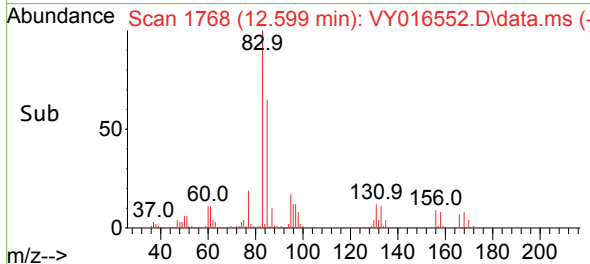
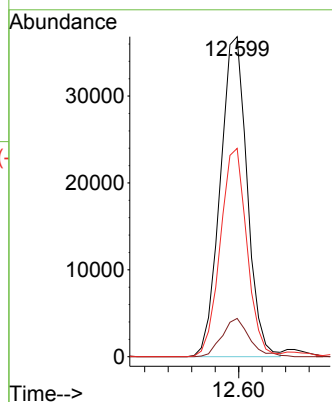
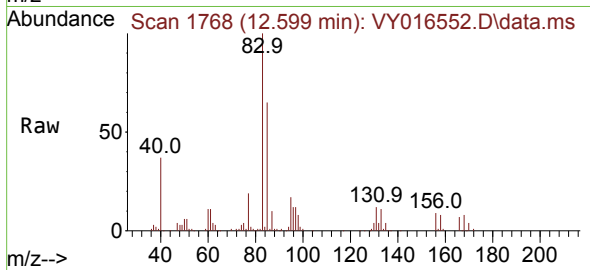
Tgt Ion: 83 Resp: 58494

Ion Ratio Lower Upper

83 100

131 12.2 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 94.603 ug/l

RT: 12.648 min Scan# 1776

Delta R.T. -0.006 min

Lab File: VY016552.D

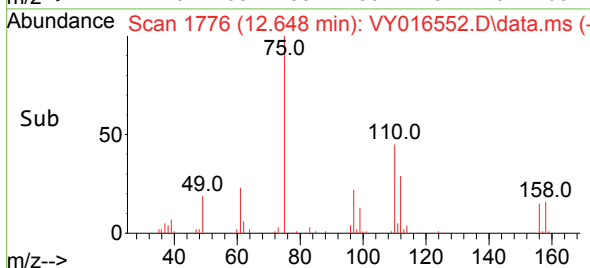
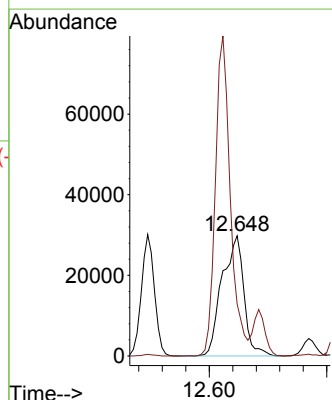
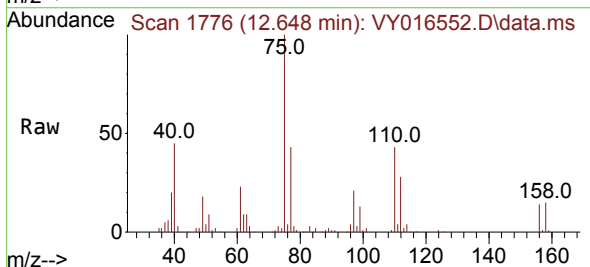
Acq: 01 Dec 2023 09:26

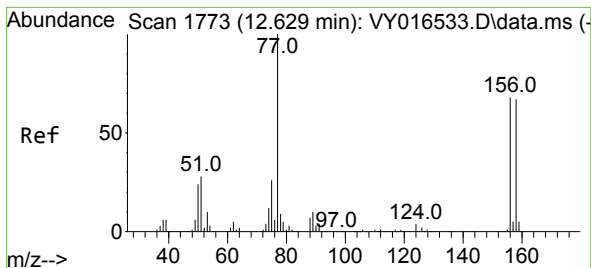
Tgt Ion: 75 Resp: 77281

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.185 ug/l

RT: 12.623 min Scan# 1772

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

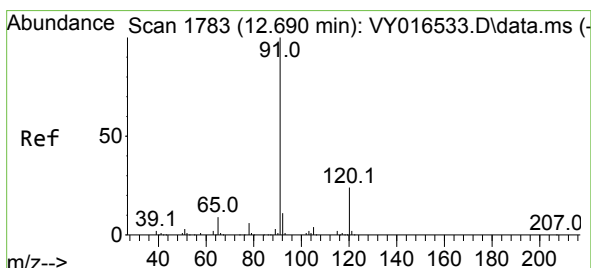
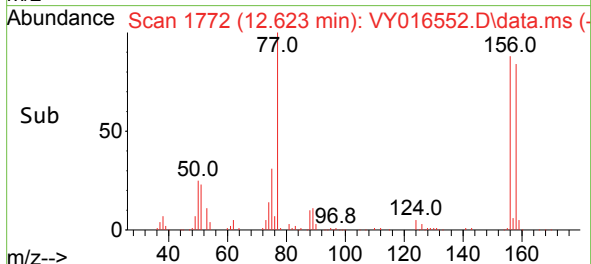
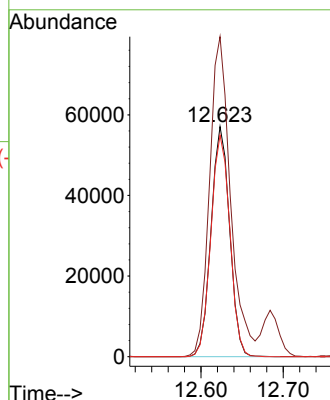
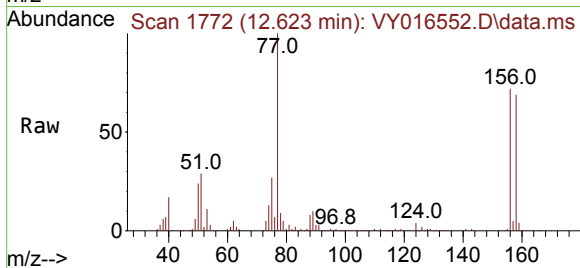
Tgt Ion:156 Resp: 89654

Ion Ratio Lower Upper

156 100

77 157.0 92.8 278.6

158 98.2 48.4 145.3



#78

n-propylbenzene

Concen: 51.390 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. -0.006 min

Lab File: VY016552.D

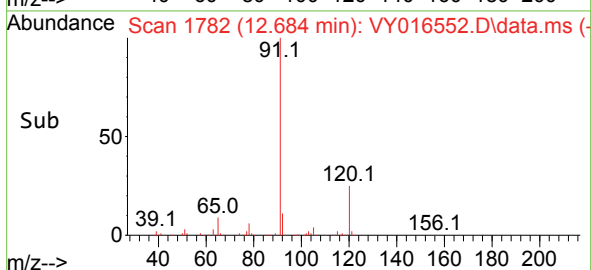
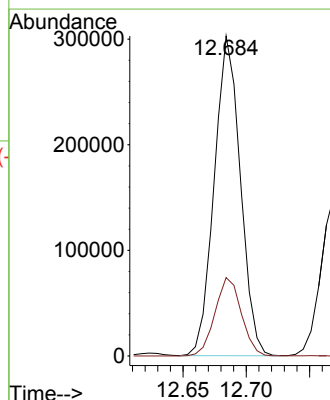
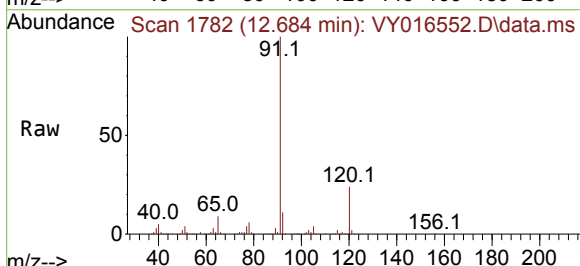
Acq: 01 Dec 2023 09:26

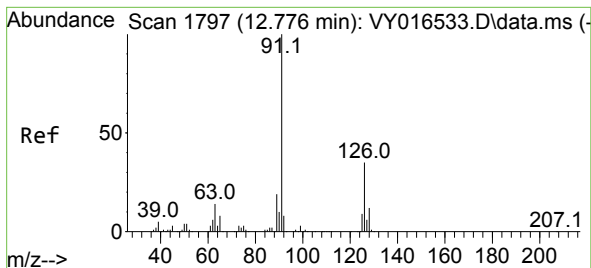
Tgt Ion: 91 Resp: 433783

Ion Ratio Lower Upper

91 100

120 24.7 11.5 34.4





#79

2-Chlorotoluene

Concen: 51.594 ug/l

RT: 12.769 min Scan# 1796

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

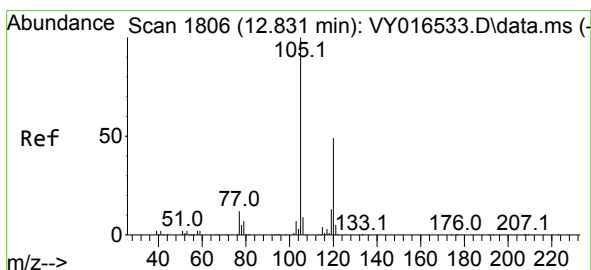
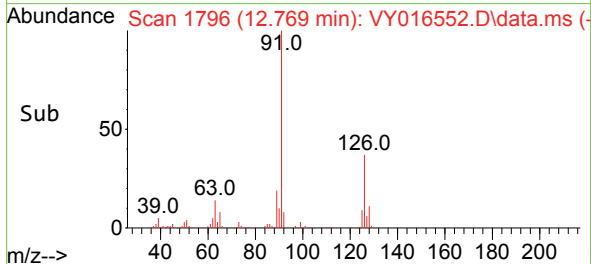
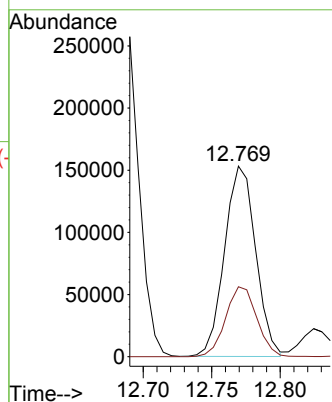
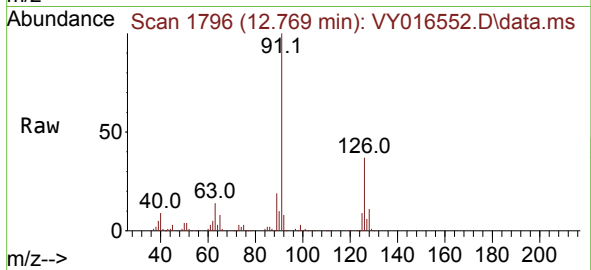
ClientSampleId :

Tgt Ion: 91 Resp: 242231

Ion Ratio Lower Upper

91 100

126 36.8 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 52.457 ug/l

RT: 12.824 min Scan# 1805

Delta R.T. -0.006 min

Lab File: VY016552.D

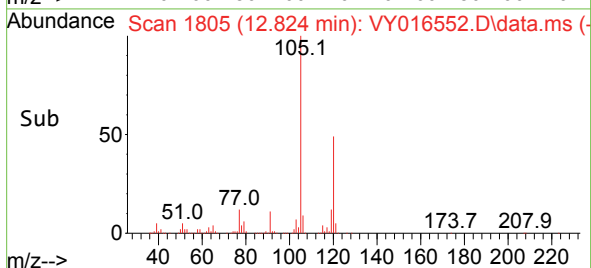
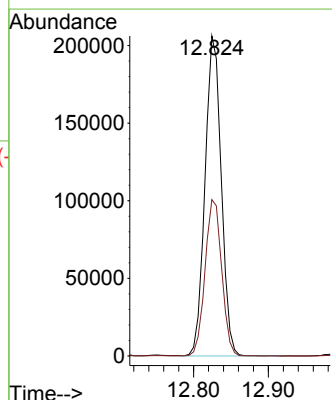
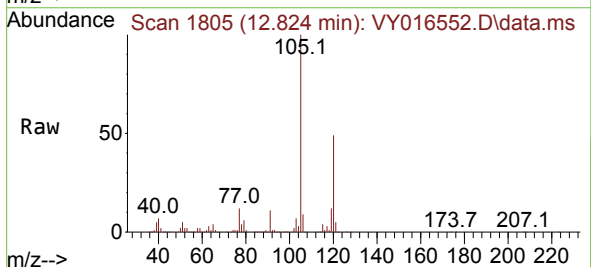
Acq: 01 Dec 2023 09:26

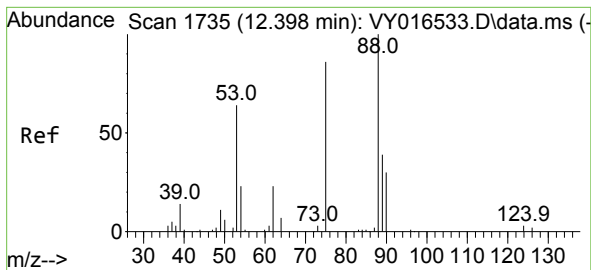
Tgt Ion: 105 Resp: 311128

Ion Ratio Lower Upper

105 100

120 50.1 23.9 71.7

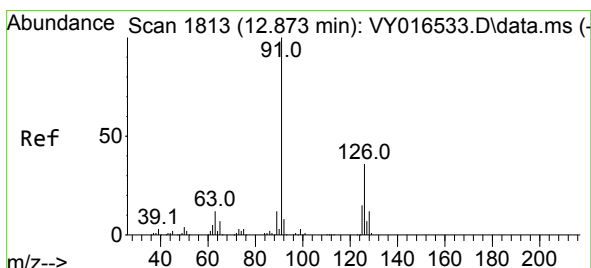
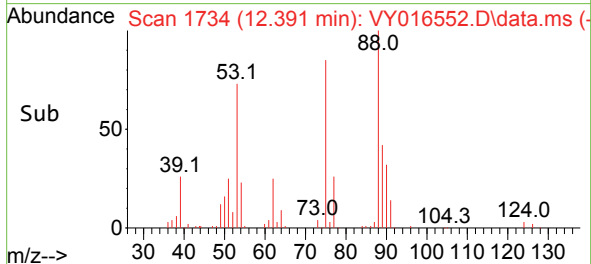
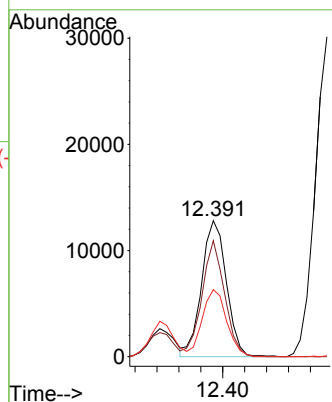
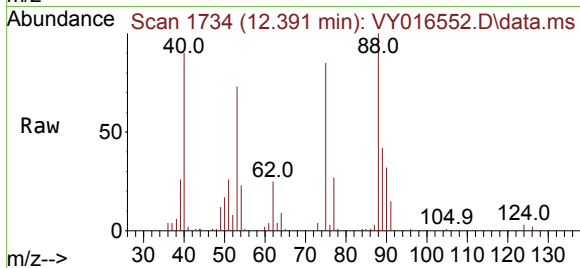




#81
trans-1,4-Dichloro-2-butene
Concen: 53.727 ug/l
RT: 12.391 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

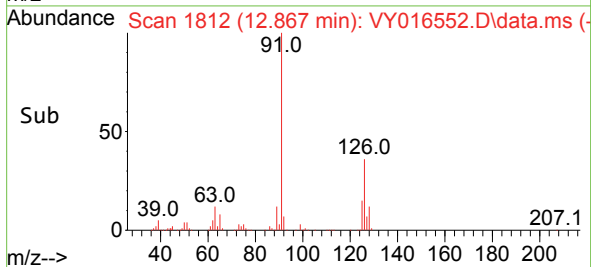
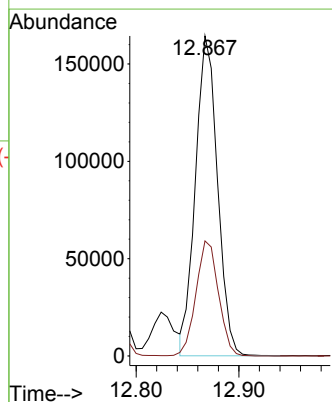
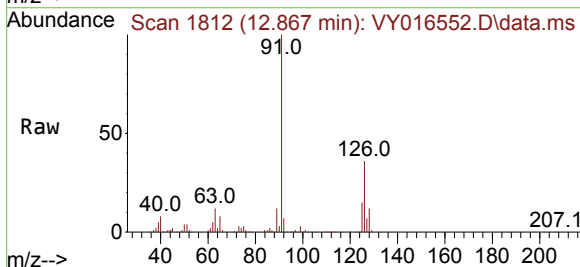
Instrument :
MSVOA_Y
ClientSampleId :

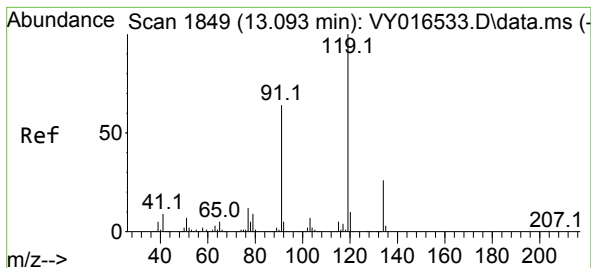
Tgt Ion: 75 Resp: 20124
Ion Ratio Lower Upper
75 100
53 78.2 77.8 116.8
89 48.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 50.938 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VY016552.D
Acq: 01 Dec 2023 09:26

Tgt Ion: 91 Resp: 245544
Ion Ratio Lower Upper
91 100
126 36.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 51.375 ug/l

RT: 13.086 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

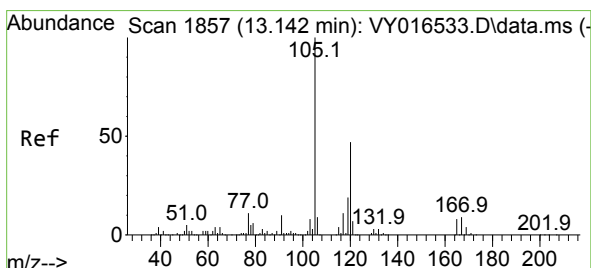
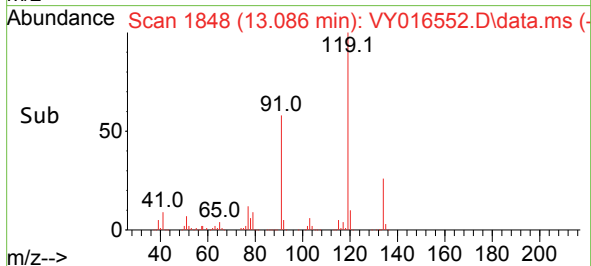
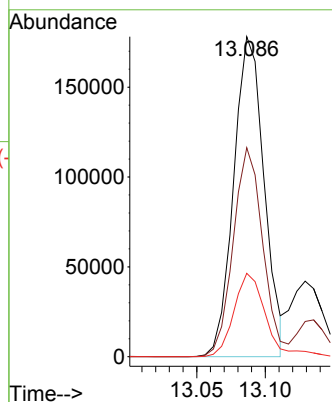
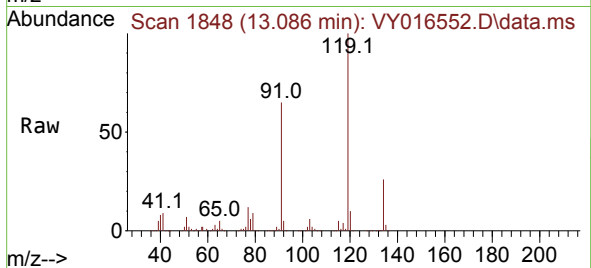
Tgt Ion:119 Resp: 274986

Ion Ratio Lower Upper

119 100

91 63.8 32.9 98.6

134 27.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 52.515 ug/l

RT: 13.135 min Scan# 1856

Delta R.T. -0.006 min

Lab File: VY016552.D

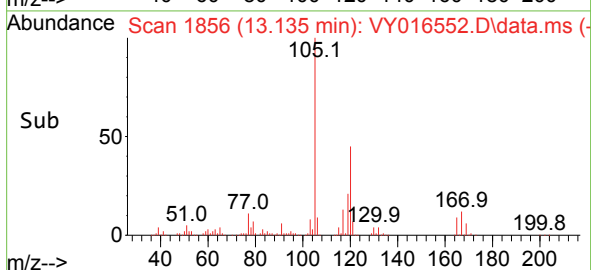
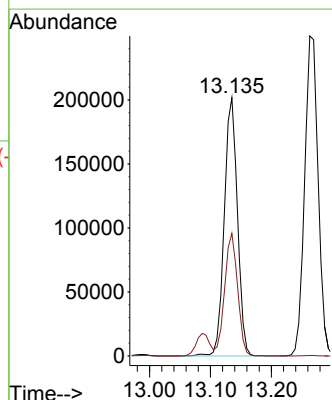
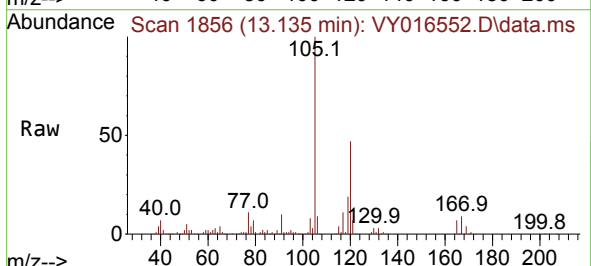
Acq: 01 Dec 2023 09:26

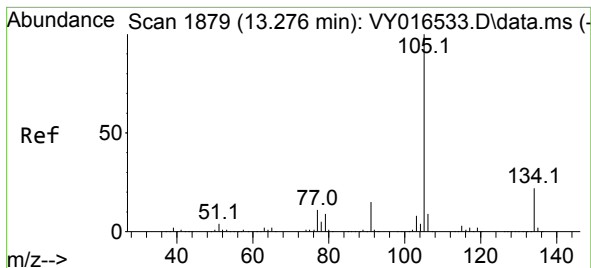
Tgt Ion:105 Resp: 303246

Ion Ratio Lower Upper

105 100

120 46.6 22.2 66.6





#85

sec-Butylbenzene

Concen: 51.832 ug/l

RT: 13.263 min Scan# 1877

Delta R.T. -0.012 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

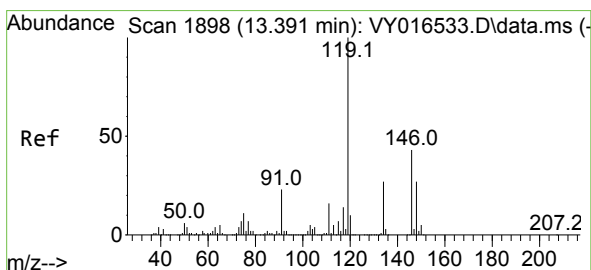
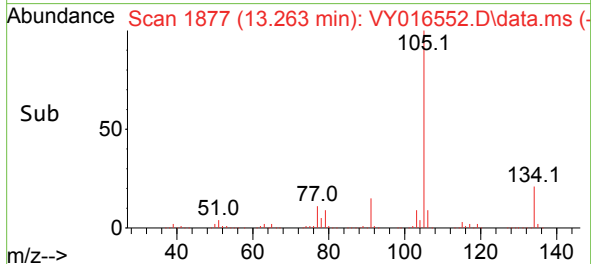
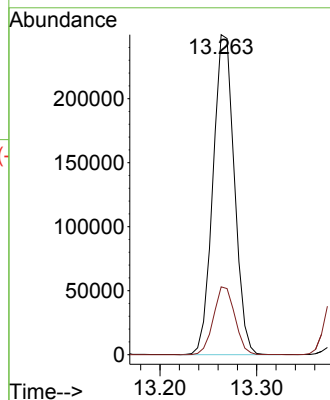
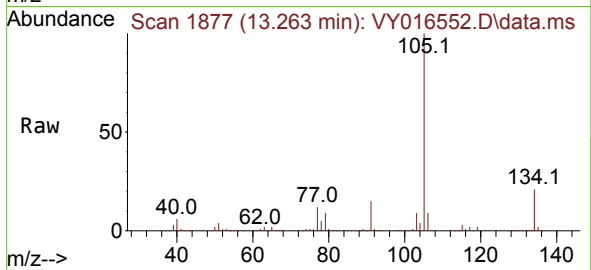
ClientSampleId :

Tgt Ion:105 Resp: 383703

Ion Ratio Lower Upper

105 100

134 21.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 52.773 ug/l

RT: 13.385 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

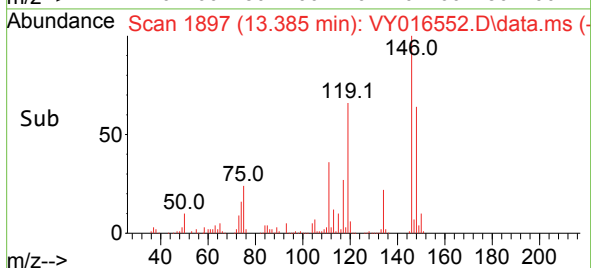
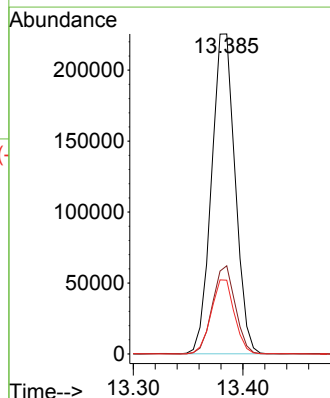
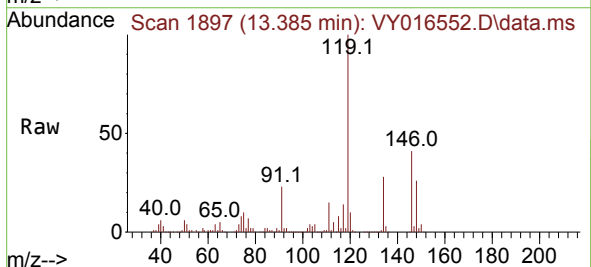
Tgt Ion:119 Resp: 337545

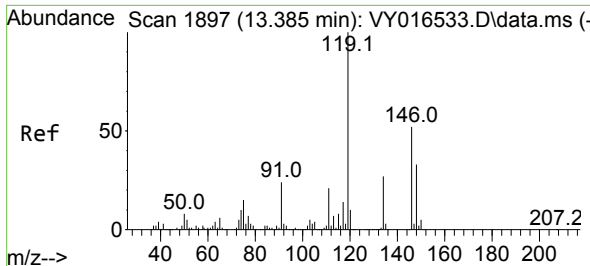
Ion Ratio Lower Upper

119 100

134 26.8 13.3 39.8

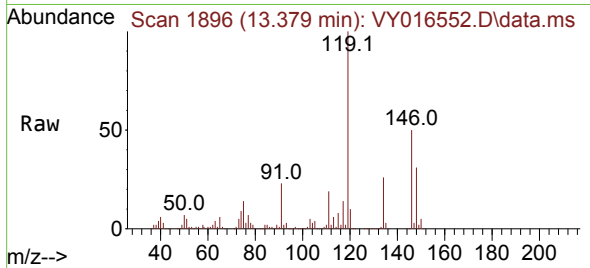
91 22.9 12.4 37.4



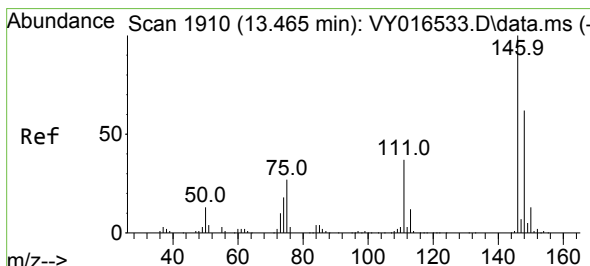
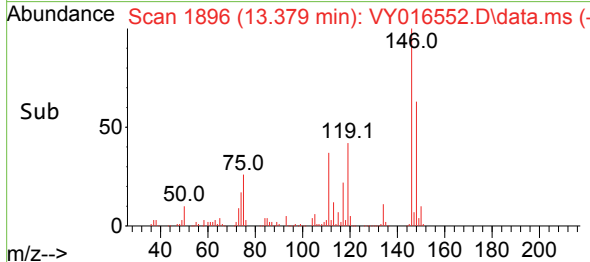
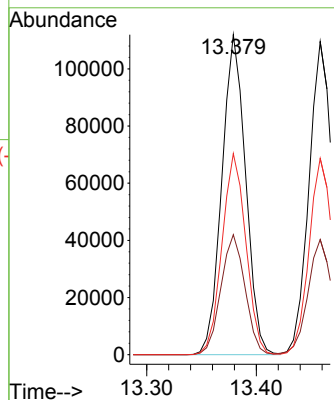


#87
 1,3-Dichlorobenzene
 Concen: 51.999 ug/l
 RT: 13.379 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VY016552.D
 Acq: 01 Dec 2023 09:26

Instrument :
 MSVOA_Y
 ClientSampleId :

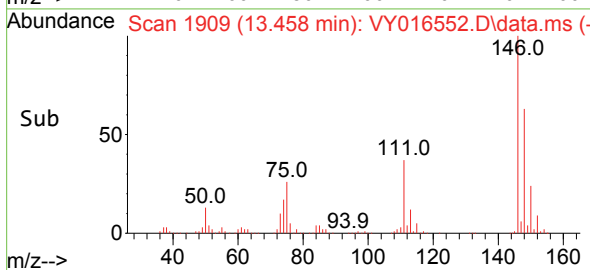
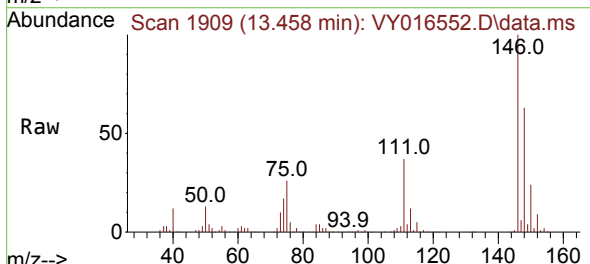
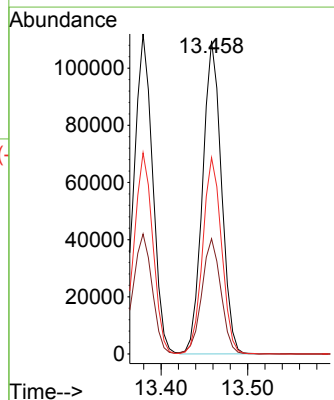


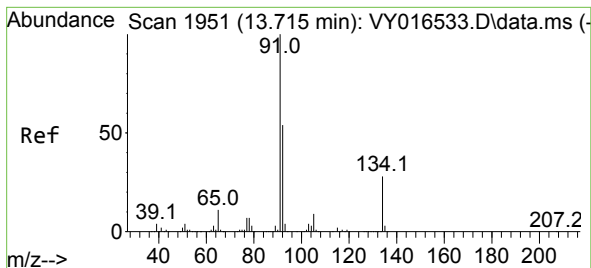
Tgt Ion:146 Resp: 168684
 Ion Ratio Lower Upper
 146 100
 111 38.0 19.4 58.2
 148 63.1 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.073 ug/l
 RT: 13.458 min Scan# 1909
 Delta R.T. -0.006 min
 Lab File: VY016552.D
 Acq: 01 Dec 2023 09:26

Tgt Ion:146 Resp: 165339
 Ion Ratio Lower Upper
 146 100
 111 37.4 18.9 56.7
 148 62.9 32.1 96.5





#89

n-Butylbenzene

Concen: 52.528 ug/l

RT: 13.708 min Scan# 1950

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

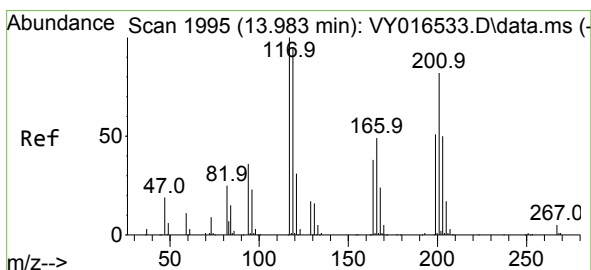
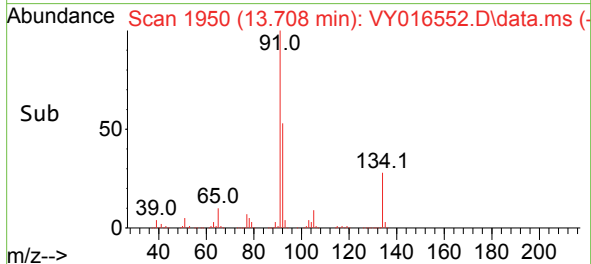
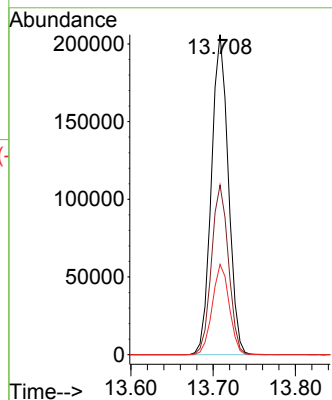
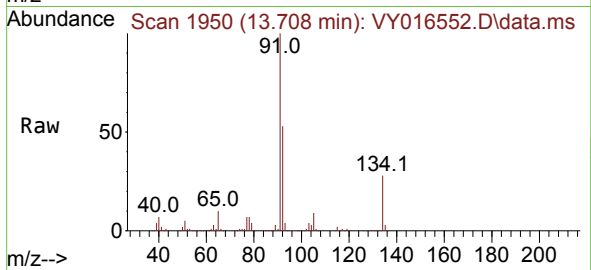
Tgt Ion: 91 Resp: 294489

Ion Ratio Lower Upper

91 100

92 53.2 25.4 76.0

134 28.2 12.6 37.6



#90

Hexachloroethane

Concen: 52.033 ug/l

RT: 13.970 min Scan# 1993

Delta R.T. -0.012 min

Lab File: VY016552.D

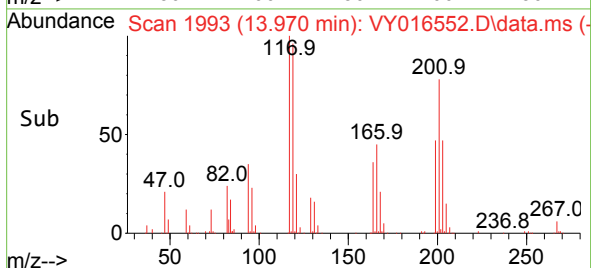
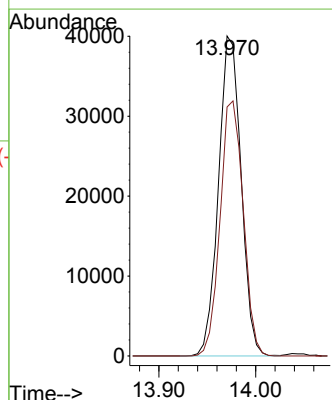
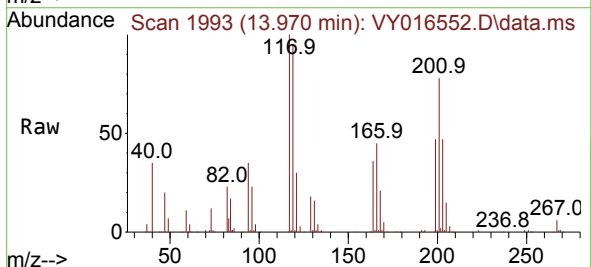
Acq: 01 Dec 2023 09:26

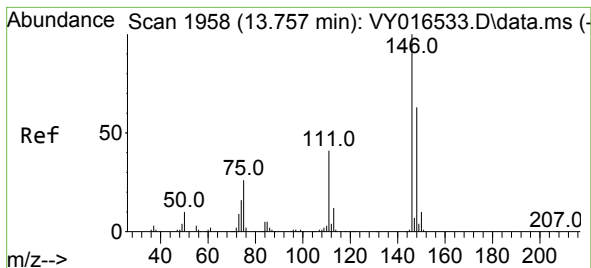
Tgt Ion: 117 Resp: 64936

Ion Ratio Lower Upper

117 100

201 81.6 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 52.263 ug/l

RT: 13.751 min Scan# 1958

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

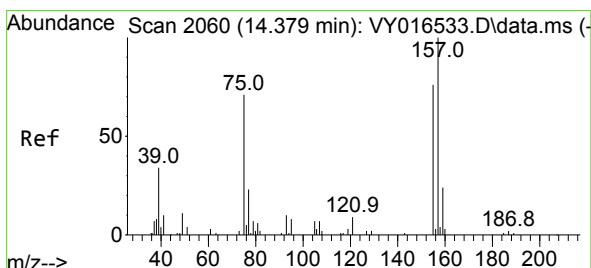
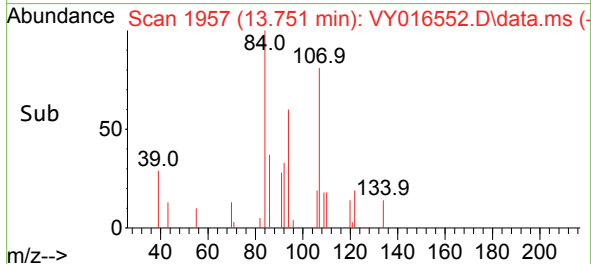
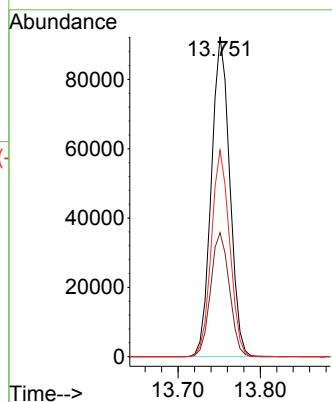
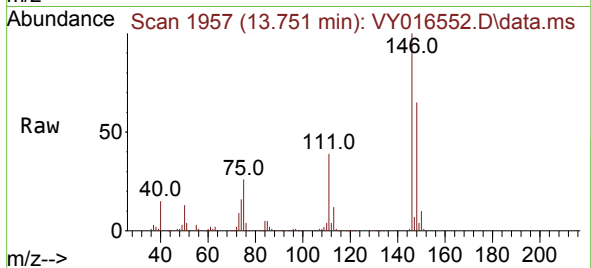
Tgt Ion:146 Resp: 143684

Ion Ratio Lower Upper

146 100

111 39.4 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 56.984 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. -0.012 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

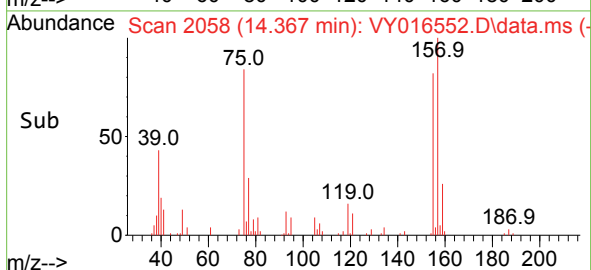
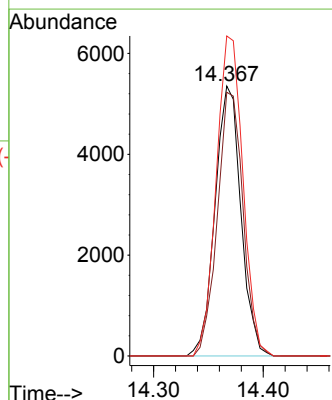
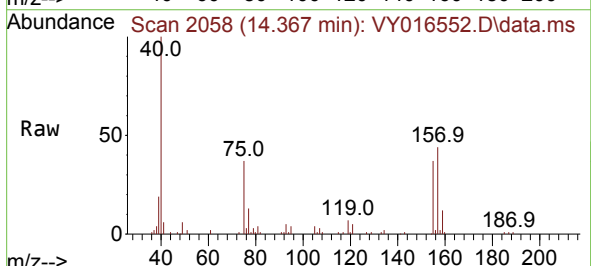
Tgt Ion: 75 Resp: 8780

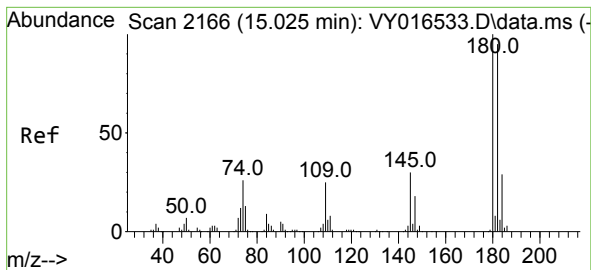
Ion Ratio Lower Upper

75 100

155 96.8 41.5 124.6

157 121.8 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 48.304 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

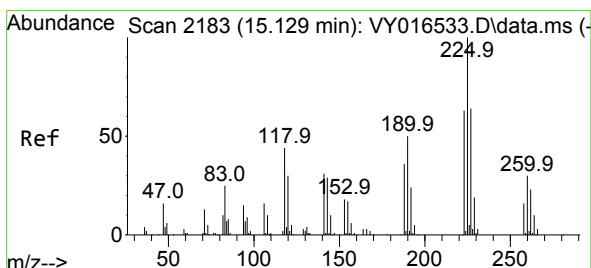
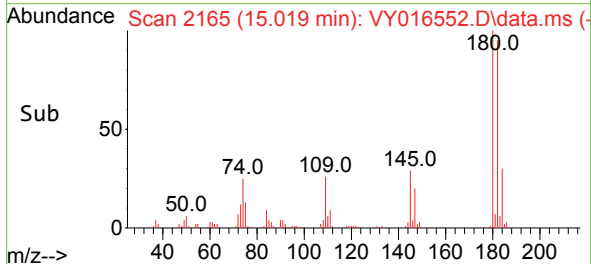
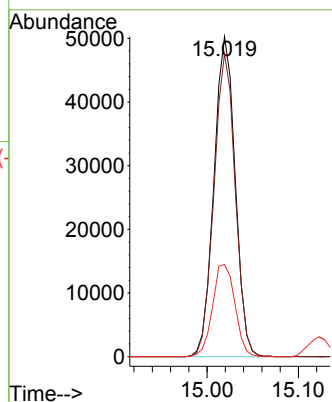
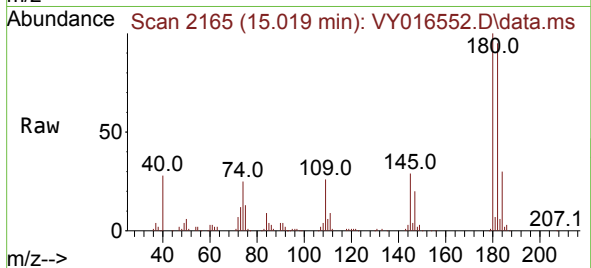
Tgt Ion:180 Resp: 81137

Ion Ratio Lower Upper

180 100

182 94.8 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 52.195 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

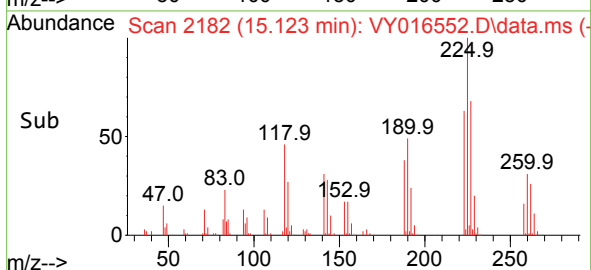
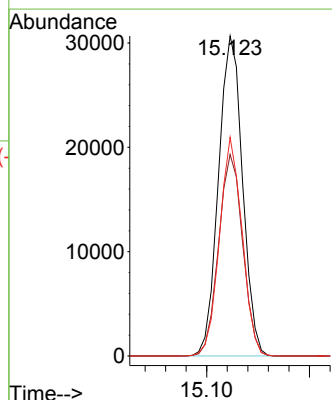
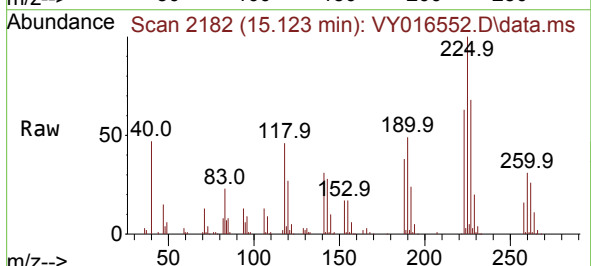
Tgt Ion:225 Resp: 49698

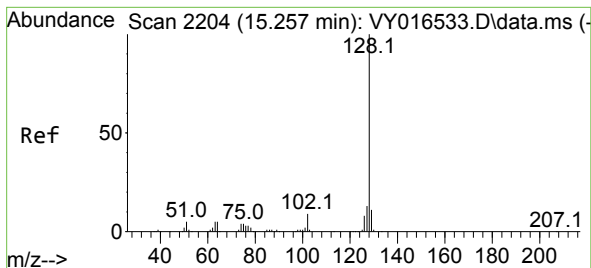
Ion Ratio Lower Upper

225 100

223 63.0 31.9 95.9

227 64.4 33.0 98.9





#95

Naphthalene

Concen: 46.805 ug/l

RT: 15.251 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Instrument :

MSVOA_Y

ClientSampleId :

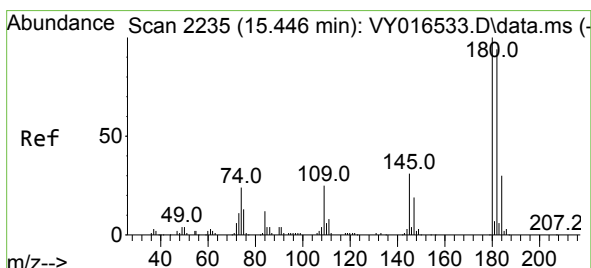
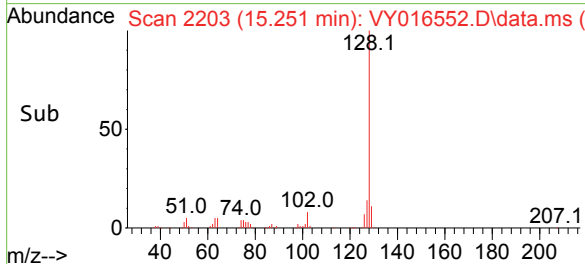
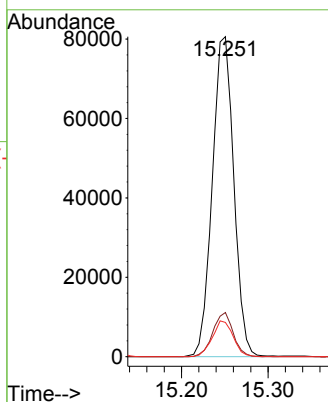
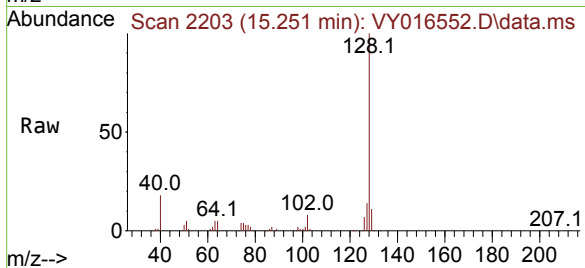
Tgt Ion:128 Resp: 139017

Ion Ratio Lower Upper

128 100

127 13.0 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.013 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. -0.006 min

Lab File: VY016552.D

Acq: 01 Dec 2023 09:26

Tgt Ion:180 Resp: 64199

Ion Ratio Lower Upper

180 100

182 96.3 47.3 141.8

145 32.7 15.4 46.2

