

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY122623\
 Data File : VY016844.D
 Acq On : 26 Dec 2023 10:31
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Dec 27 01:30:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122023S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 21 01:49:45 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	157701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	260273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	219722	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	98836	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	71194	49.453	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.900%
35) Dibromofluoromethane	7.734	113	77718	52.128	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.260%
50) Toluene-d8	10.191	98	287298	53.455	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	106.920%
62) 4-Bromofluorobenzene	12.495	95	93778	53.782	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	107.560%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	63667	47.241	ug/l	97
3) Chloromethane	2.119	50	103239	49.836	ug/l	98
4) Vinyl Chloride	2.259	62	121564	51.953	ug/l	98
5) Bromomethane	2.662	94	83502	50.104	ug/l	95
6) Chloroethane	2.802	64	80777	50.946	ug/l	97
7) Trichlorofluoromethane	3.137	101	141739	51.999	ug/l	97
8) Diethyl Ether	3.540	74	41480	47.570	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	87853	52.541	ug/l	99
10) Methyl Iodide	4.107	142	83952	48.182	ug/l	98
11) Tert butyl alcohol	4.966	59	24444	207.086	ug/l	100
12) 1,1-Dichloroethene	3.881	96	79225	53.214	ug/l	96
13) Acrolein	3.741	56	17101	187.771	ug/l	100
14) Allyl chloride	4.491	41	122137	53.561	ug/l	99
15) Acrylonitrile	5.180	53	89303	241.837	ug/l	99
16) Acetone	3.954	43	83688	214.973	ug/l	99
17) Carbon Disulfide	4.210	76	214596	52.975	ug/l	99
18) Methyl Acetate	4.491	43	81893	53.829	ug/l	98
19) Methyl tert-butyl Ether	5.234	73	185545	48.436	ug/l	99
20) Methylene Chloride	4.735	84	89299	45.077	ug/l	99
21) trans-1,2-Dichloroethene	5.234	96	91879	54.112	ug/l	99
22) Diisopropyl ether	6.131	45	275866	53.473	ug/l	97
23) Vinyl Acetate	6.076	43	600384	246.064	ug/l	98
24) 1,1-Dichloroethane	6.033	63	165051	53.259	ug/l	100
25) 2-Butanone	7.002	43	117908	219.982	ug/l	99
26) 2,2-Dichloropropane	6.996	77	144545	53.448	ug/l	99
27) cis-1,2-Dichloroethene	7.002	96	102793	52.602	ug/l	98
28) Bromochloromethane	7.350	49	65505	53.405	ug/l	99
29) Tetrahydrofuran	7.362	42	70500	240.551	ug/l	99
30) Chloroform	7.521	83	167134	52.682	ug/l	99
31) Cyclohexane	7.801	56	142429	51.637	ug/l	99
32) 1,1,1-Trichloroethane	7.716	97	147524	52.975	ug/l	99
36) 1,1-Dichloropropene	7.929	75	129223	54.064	ug/l	99
37) Ethyl Acetate	7.088	43	49289	48.111	ug/l	99
38) Carbon Tetrachloride	7.917	117	128028	54.131	ug/l	99
39) Methylcyclohexane	9.197	83	154735	56.071	ug/l	98
40) Benzene	8.173	78	379230	54.523	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	29245	53.766	ug/l	95
42) 1,2-Dichloroethane	8.252	62	94135	51.876	ug/l	99
43) Isopropyl Acetate	8.283	43	96276	48.386	ug/l	99
44) Trichloroethene	8.953	130	94693	53.340	ug/l	98
45) 1,2-Dichloropropane	9.228	63	92468	52.998	ug/l	98
46) Dibromomethane	9.319	93	46639	51.744	ug/l	98
47) Bromodichloromethane	9.508	83	124219	52.288	ug/l	96
48) Methyl methacrylate	9.307	41	56814	51.376	ug/l	97
49) 1,4-Dioxane	9.307	88	9247	1057.000	ug/l	96
51) 4-Methyl-2-Pentanone	10.081	43	260536	245.750	ug/l	100
52) Toluene	10.258	92	231456	55.529	ug/l	100
53) t-1,3-Dichloropropene	10.477	75	113660	52.469	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	139047	53.216	ug/l	97
55) 1,1,2-Trichloroethane	10.654	97	66058	51.367	ug/l	98
56) Ethyl methacrylate	10.520	69	58381	51.627	ug/l	99
57) 1,3-Dichloropropane	10.801	76	111691	51.133	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.795	63	165376	271.851	ug/l	98
59) 2-Hexanone	10.843	43	181558	229.669	ug/l	99
60) Dibromochloromethane	10.996	129	78036	52.456	ug/l	99
61) 1,2-Dibromoethane	11.099	107	59094	51.240	ug/l	98
64) Tetrachloroethene	10.733	164	73664	53.970	ug/l	97
65) Chlorobenzene	11.532	112	235238	54.492	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	87741	54.020	ug/l	99
67) Ethyl Benzene	11.605	91	447850	56.364	ug/l	98
68) m/p-Xylenes	11.715	106	334074	113.858	ug/l	100
69) o-Xylene	12.044	106	153365	56.975	ug/l	100
70) Styrene	12.056	104	226019	56.744	ug/l	99
71) Bromoform	12.221	173	41637	51.419	ug/l #	96
73) Isopropylbenzene	12.343	105	426131	55.360	ug/l	100
74) N-amyl acetate	12.154	43	80192	49.641	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	73968	48.087	ug/l	98
76) 1,2,3-Trichloropropane	12.642	75	88919	81.384	ug/l #	100
77) Bromobenzene	12.623	156	88044	52.430	ug/l	99
78) n-propylbenzene	12.684	91	518842	55.633	ug/l	100
79) 2-Chlorotoluene	12.770	91	278374	53.943	ug/l	100
80) 1,3,5-Trimethylbenzene	12.825	105	342066	56.139	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.392	75	22099	47.501	ug/l	99
82) 4-Chlorotoluene	12.867	91	288584	54.509	ug/l	100
83) tert-Butylbenzene	13.087	119	297248	56.084	ug/l	99
84) 1,2,4-Trimethylbenzene	13.129	105	336274	55.968	ug/l	98
85) sec-Butylbenzene	13.264	105	442891	56.417	ug/l	100
86) p-Isopropyltoluene	13.379	119	375177	57.387	ug/l	100
87) 1,3-Dichlorobenzene	13.379	146	176799	53.874	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	171583	53.544	ug/l	99
89) n-Butylbenzene	13.709	91	362299	57.972	ug/l	100
90) Hexachloroethane	13.971	117	74418	54.665	ug/l	100
91) 1,2-Dichlorobenzene	13.751	146	149256	53.386	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	9473	47.509	ug/l	99
93) 1,2,4-Trichlorobenzene	15.019	180	83874	56.539	ug/l	99
94) Hexachlorobutadiene	15.123	225	50034	59.382	ug/l	99
95) Naphthalene	15.251	128	150435	47.315	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	70196	55.560	ug/l	98

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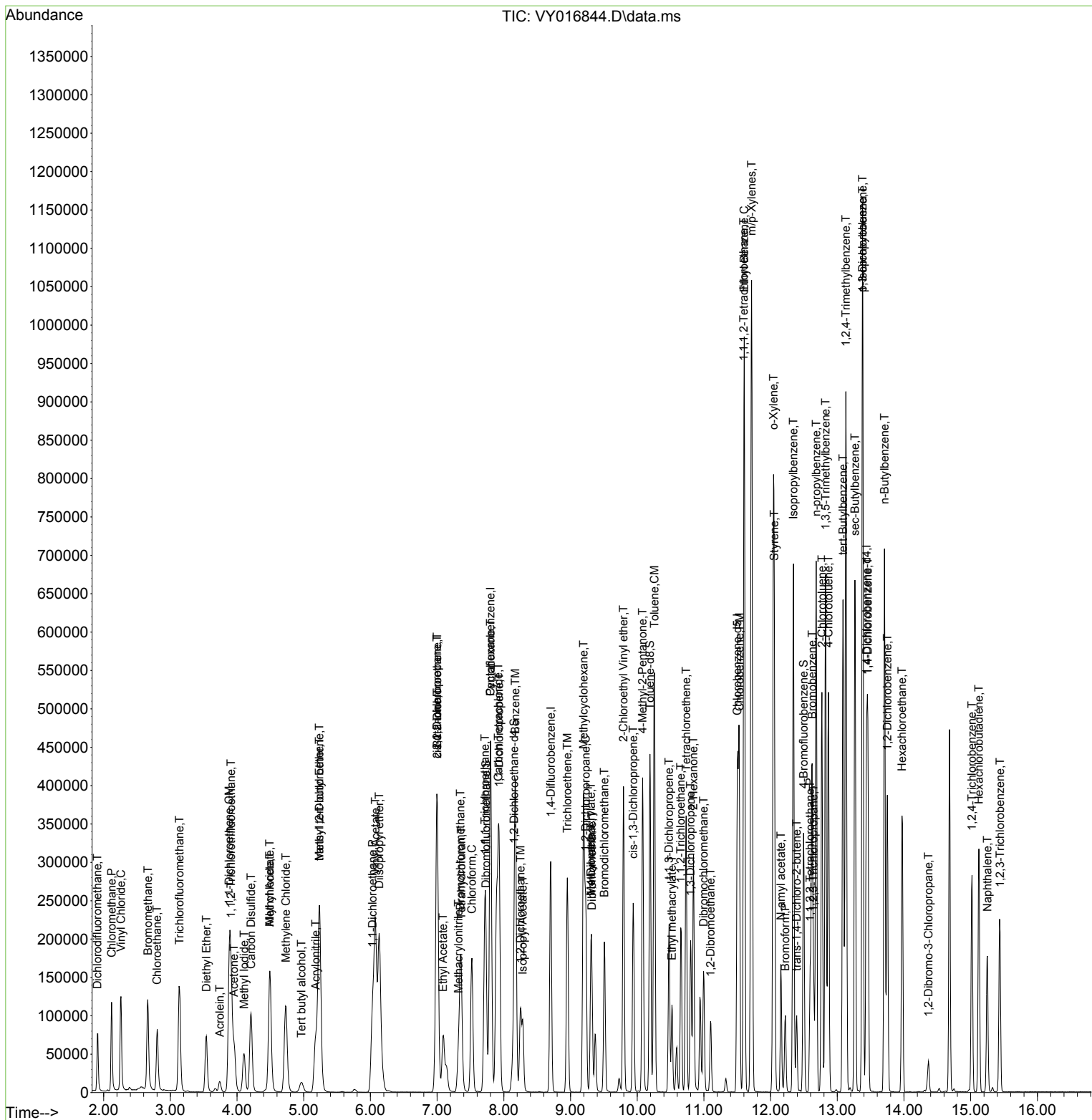
Instrument :
MSVOA_Y
ClientSampleId :

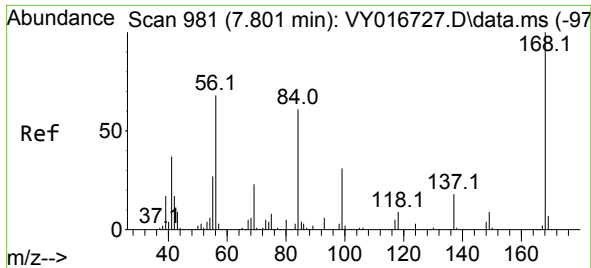
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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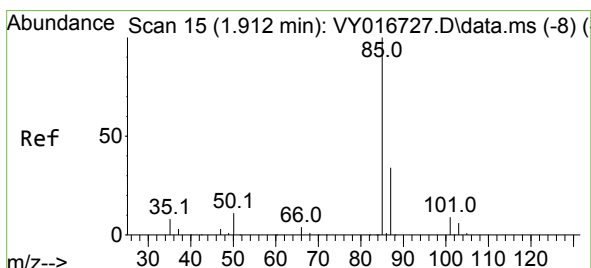
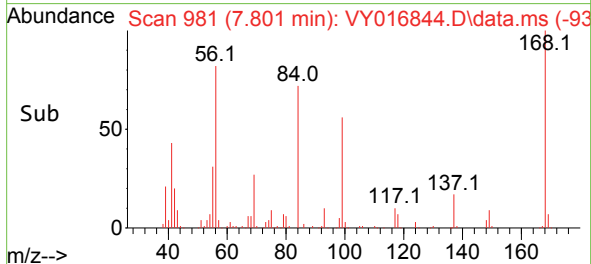
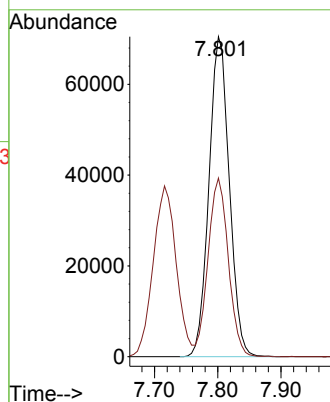
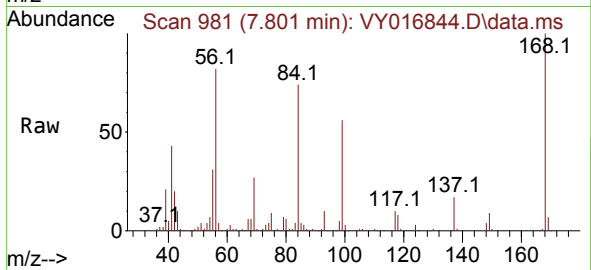




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
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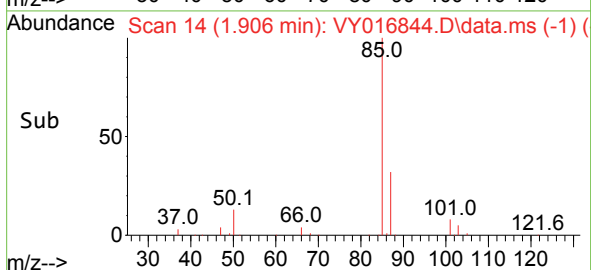
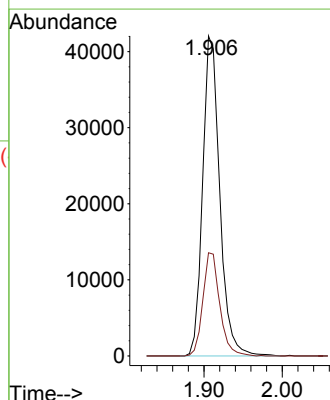
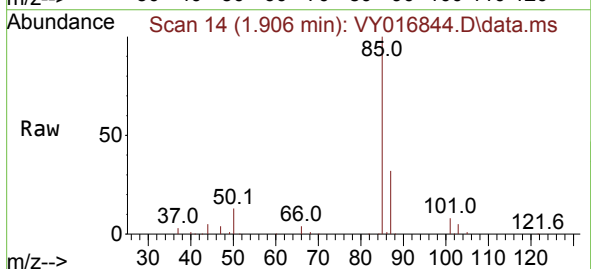
Instrument :
MSVOA_Y
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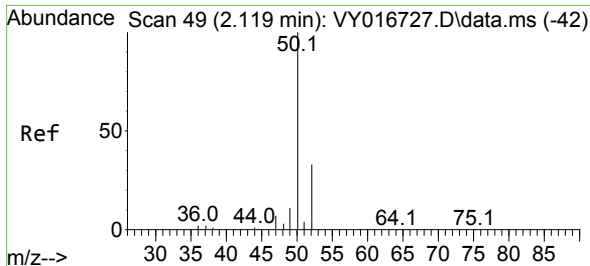
Tgt Ion:168 Resp: 157701
Ion Ratio Lower Upper
168 100
99 55.8 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 47.241 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 85 Resp: 63667
Ion Ratio Lower Upper
85 100
87 32.3 17.1 51.3

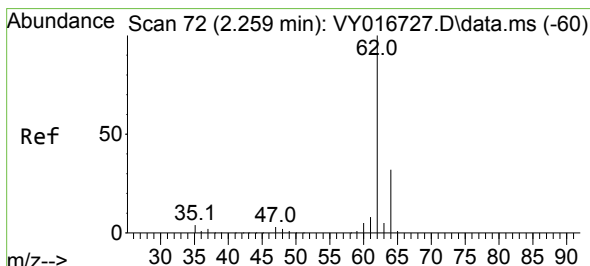
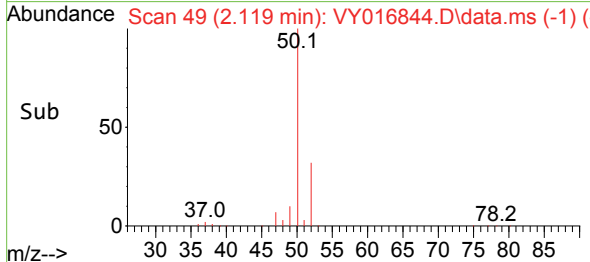
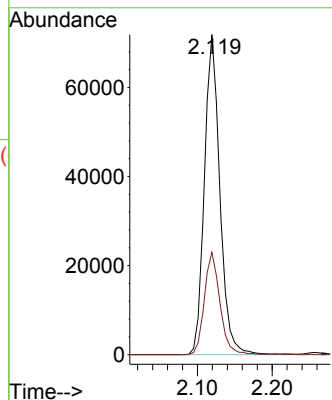
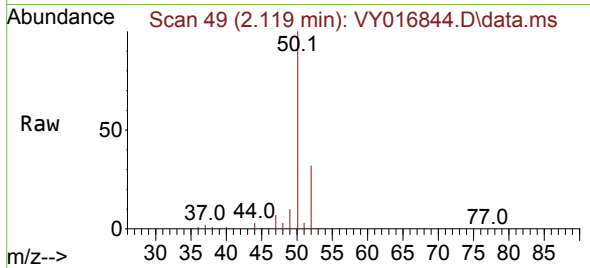




#3
Chloromethane
Concen: 49.836 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

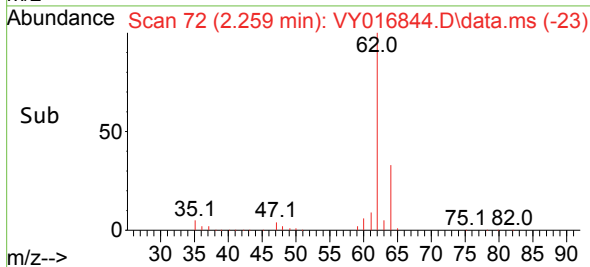
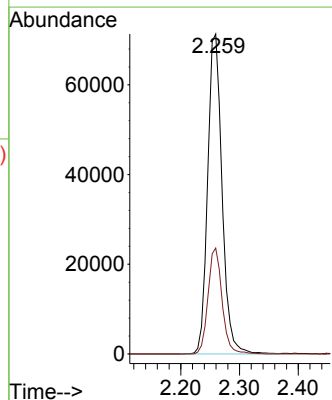
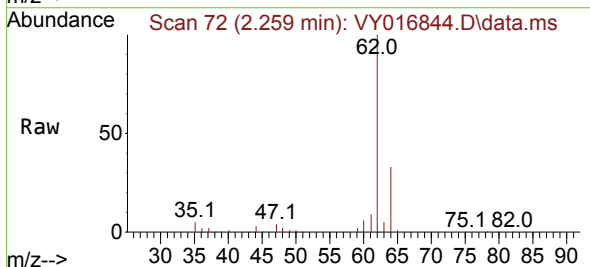
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MSVOA_Y
ClientSampleId :

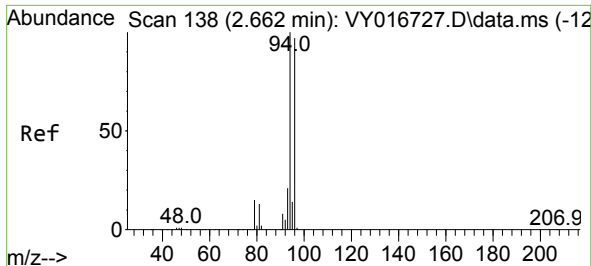
Tgt Ion: 50 Resp: 103239
Ion Ratio Lower Upper
50 100
52 32.0 26.7 40.1



#4
Vinyl Chloride
Concen: 51.953 ug/l
RT: 2.259 min Scan# 72
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

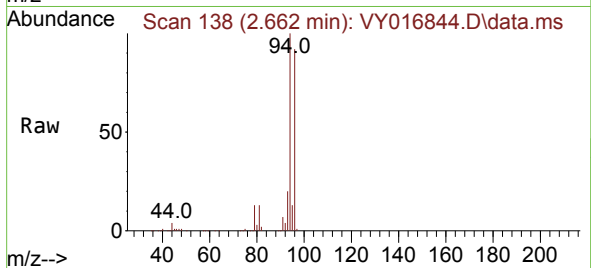
Tgt Ion: 62 Resp: 121564
Ion Ratio Lower Upper
62 100
64 33.1 25.7 38.5



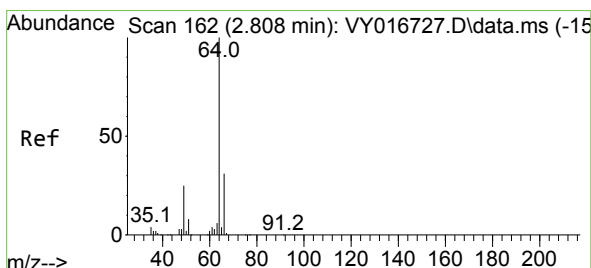
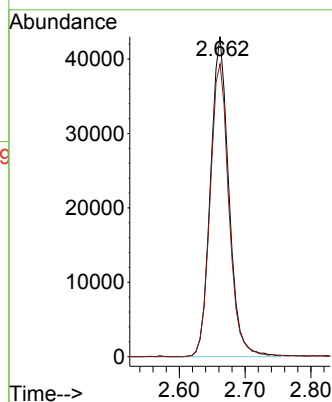
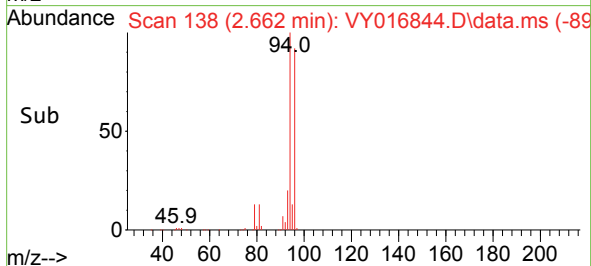


#5
Bromomethane
Concen: 50.104 ug/l
RT: 2.662 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

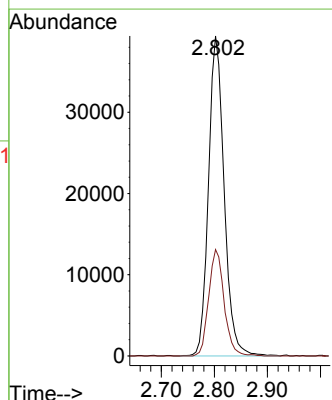
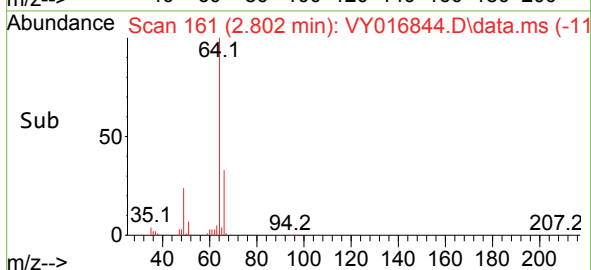
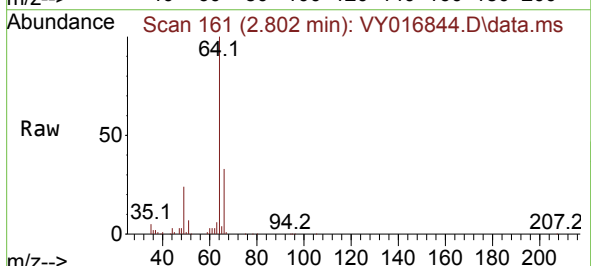


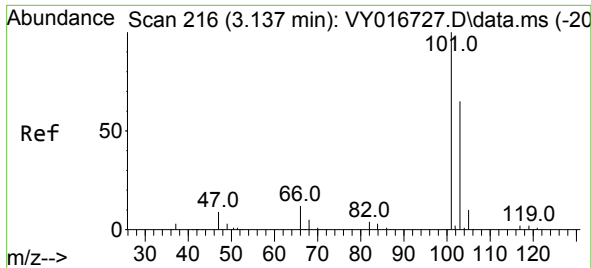
Tgt Ion: 94 Resp: 83502
Ion Ratio Lower Upper
94 100
96 91.6 77.3 115.9



#6
Chloroethane
Concen: 50.946 ug/l
RT: 2.802 min Scan# 161
Delta R.T. -0.006 min
Lab File: VY016844.D
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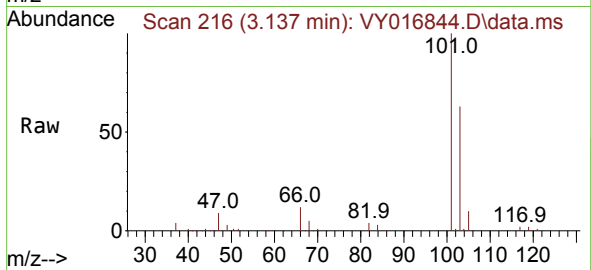
Tgt Ion: 64 Resp: 80777
Ion Ratio Lower Upper
64 100
66 33.3 25.1 37.7



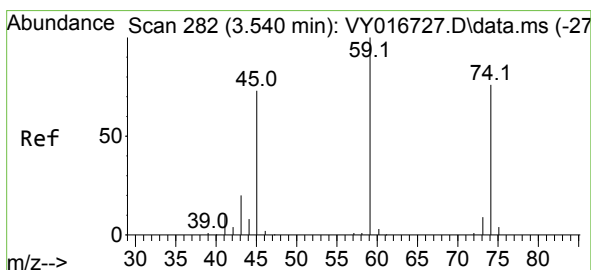
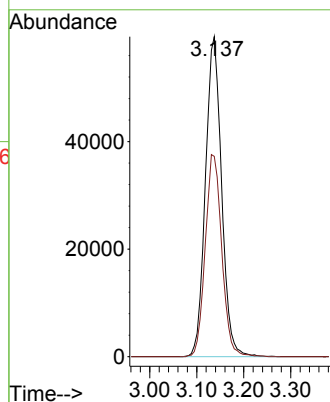
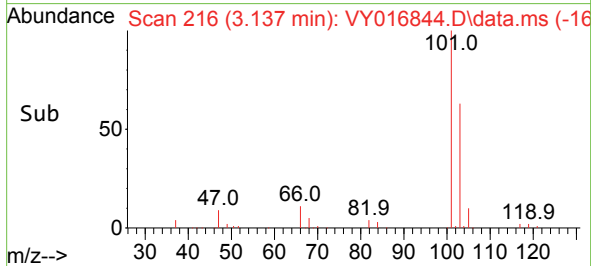


#7
 Trichlorofluoromethane
 Concen: 51.999 ug/l
 RT: 3.137 min Scan# 216
 Delta R.T. 0.000 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31

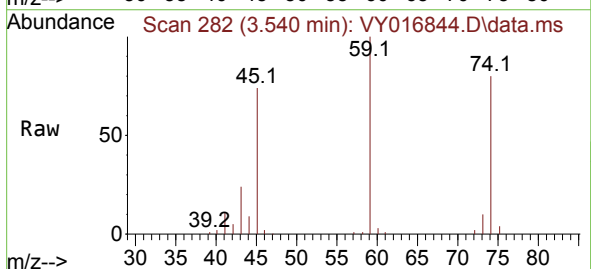
Instrument :
 MSVOA_Y
 ClientSampleId :



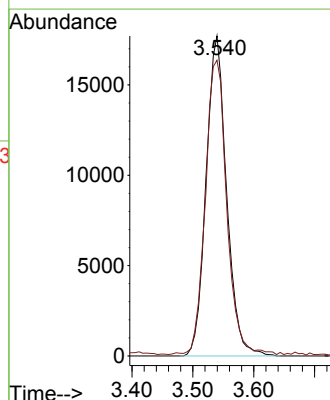
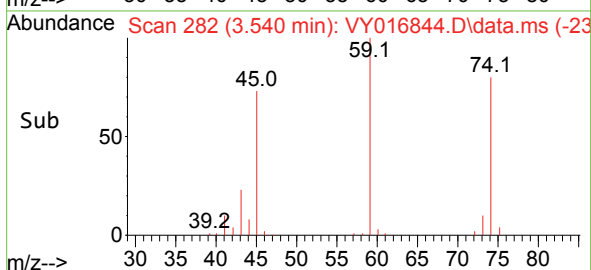
Tgt Ion:101 Resp: 141739
 Ion Ratio Lower Upper
 101 100
 103 62.6 51.9 77.9

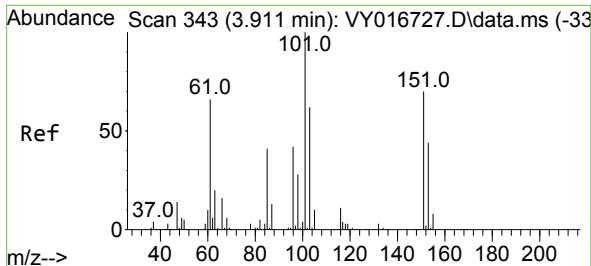


#8
 Diethyl Ether
 Concen: 47.570 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. 0.000 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31



Tgt Ion: 74 Resp: 41480
 Ion Ratio Lower Upper
 74 100
 45 95.9 47.9 143.7

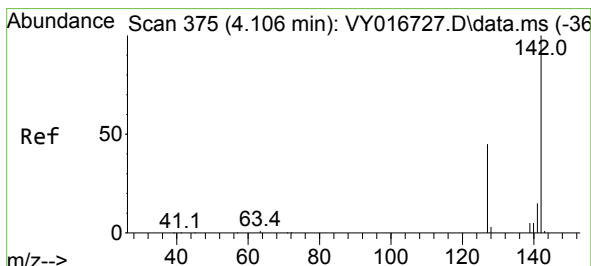
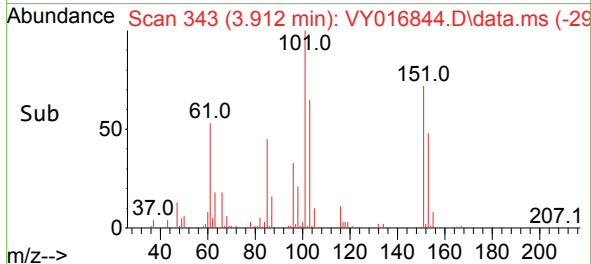
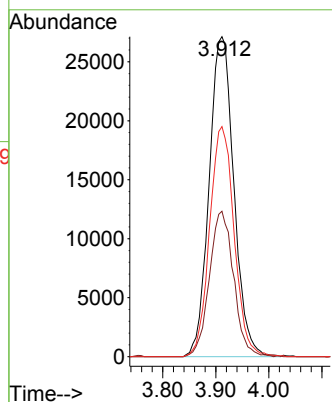
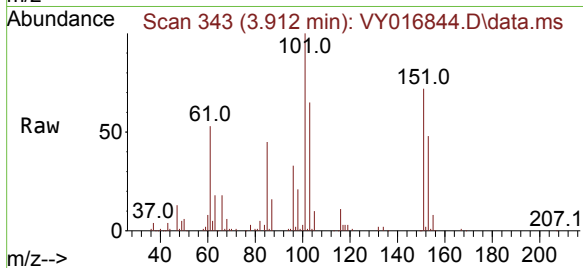




#9
1,1,2-Trichlorotrifluoroethane
Concen: 52.541 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.000 min
Lab File: VY016844.D
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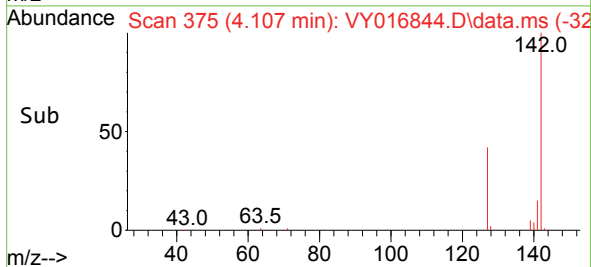
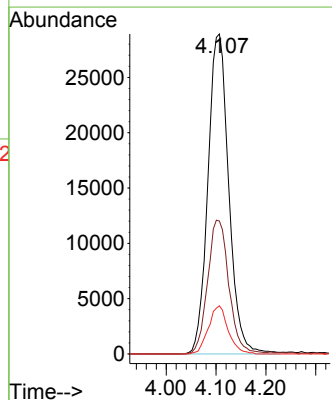
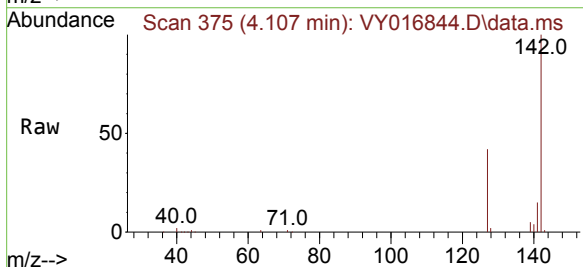
Instrument :
MSVOA_Y
ClientSampleId :

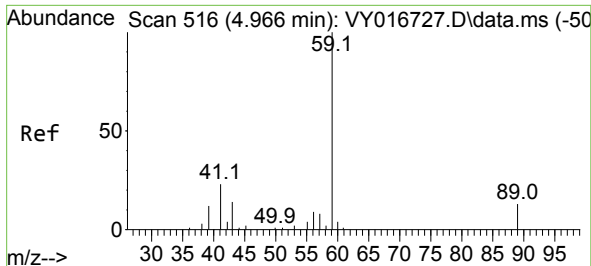
Tgt Ion:	101	Resp:	87853
Ion	Ratio	Lower	Upper
101	100		
85	44.4	35.8	53.6
151	71.5	58.6	88.0



#10
Methyl Iodide
Concen: 48.182 ug/l
RT: 4.107 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

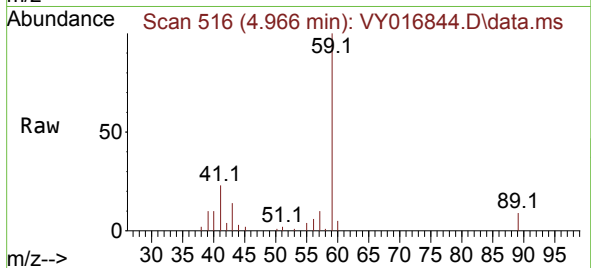
Tgt Ion:	142	Resp:	83952
Ion	Ratio	Lower	Upper
142	100		
127	42.7	35.1	52.7
141	14.3	11.8	17.6



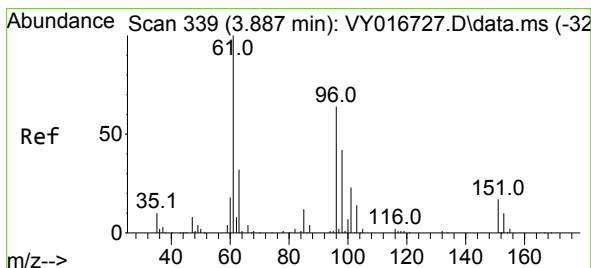
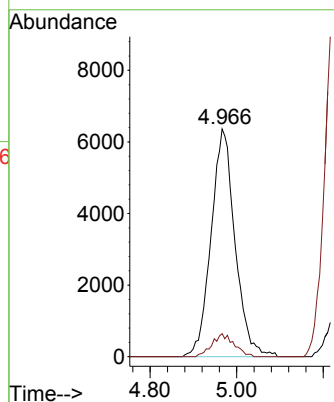
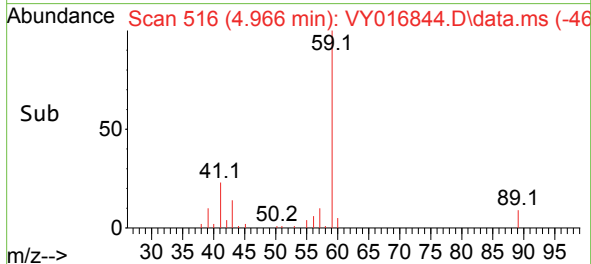


#11
Tert butyl alcohol
Concen: 207.086 ug/l
RT: 4.966 min Scan# 516
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

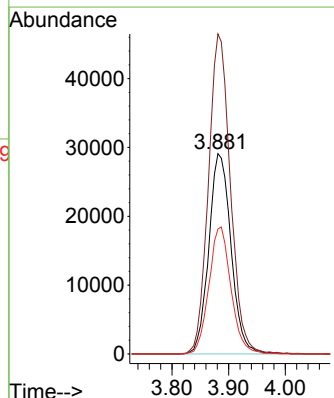
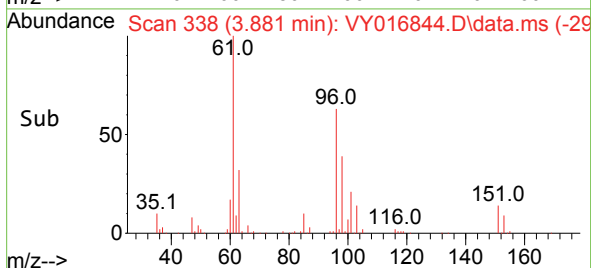
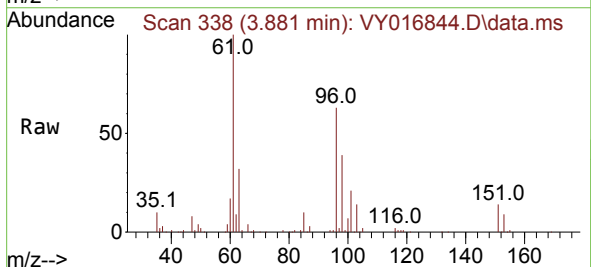


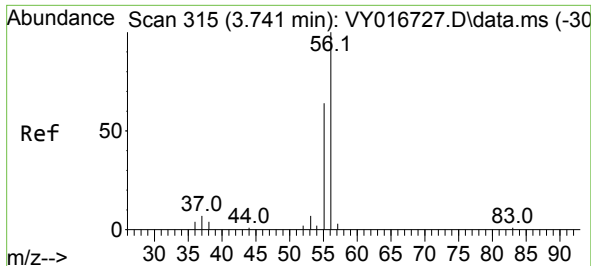
Tgt Ion: 59 Resp: 24444
Ion Ratio Lower Upper
59 100
57 9.3 7.4 11.0



#12
1,1-Dichloroethene
Concen: 53.214 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 96 Resp: 79225
Ion Ratio Lower Upper
96 100
61 159.7 124.2 186.2
98 62.3 52.6 79.0

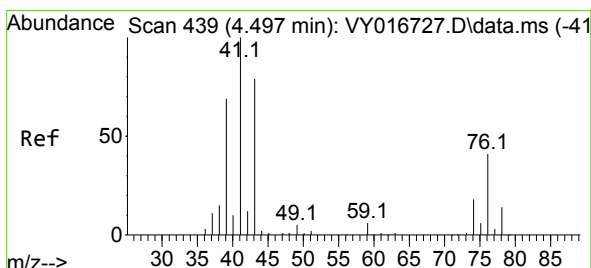
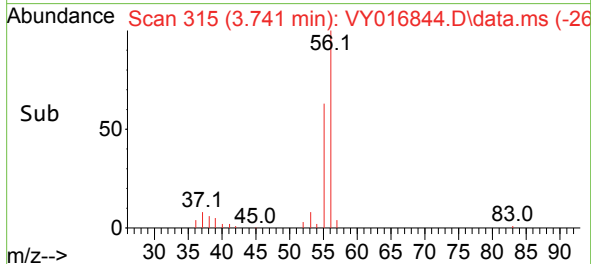
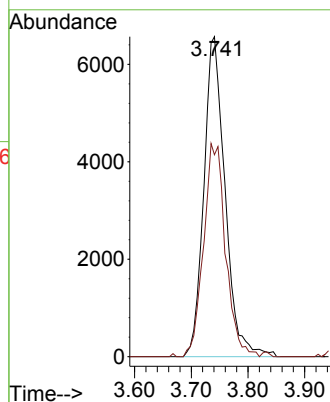
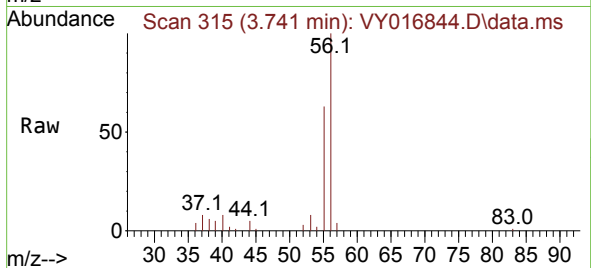




#13
Acrolein
Concen: 187.771 ug/l
RT: 3.741 min Scan# 315
Delta R.T. -0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

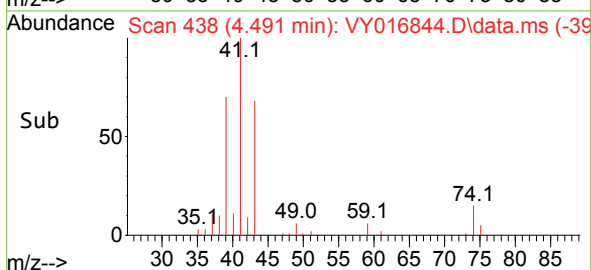
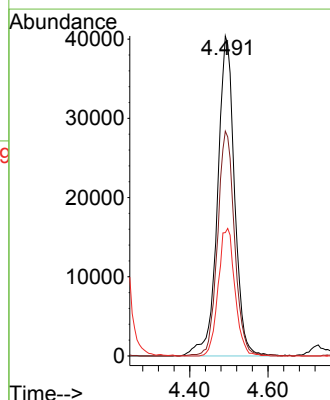
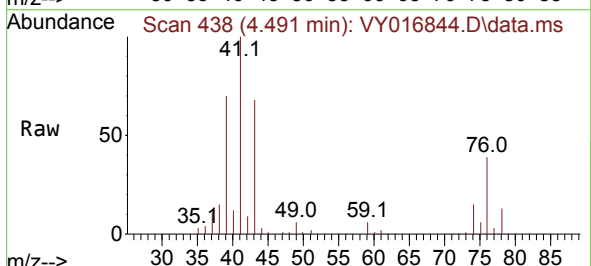
Instrument :
MSVOA_Y
ClientSampleId :

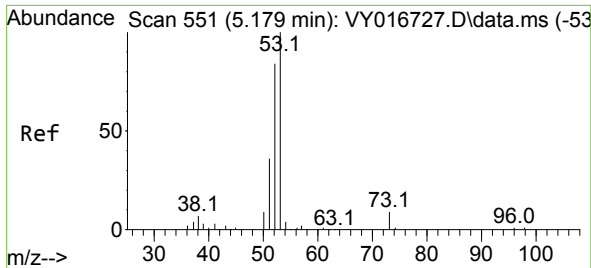
Tgt Ion: 56 Resp: 17101
Ion Ratio Lower Upper
56 100
55 68.8 55.4 83.0



#14
Allyl chloride
Concen: 53.561 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

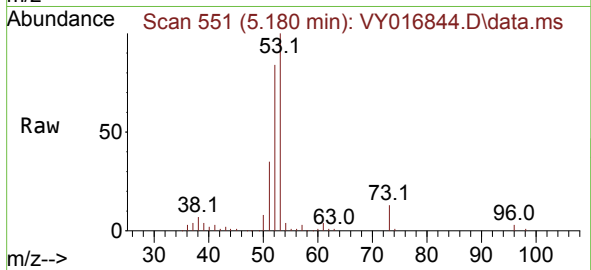
Tgt Ion: 41 Resp: 122137
Ion Ratio Lower Upper
41 100
39 69.9 54.7 82.1
76 39.3 31.8 47.6



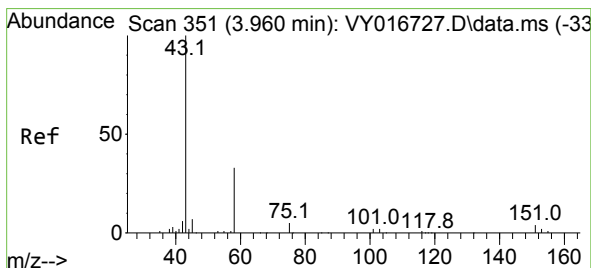
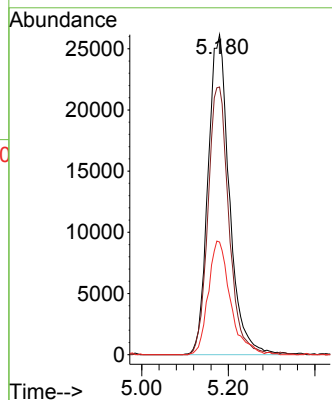
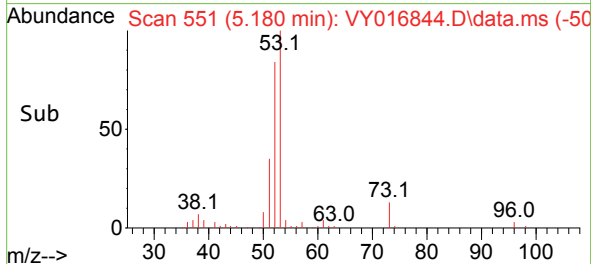


#15
Acrylonitrile
Concen: 241.837 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

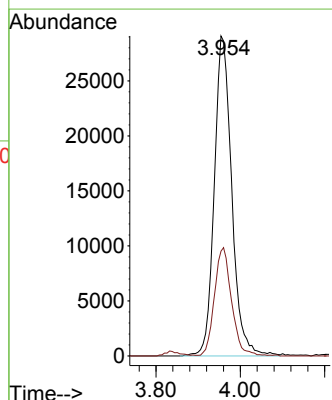
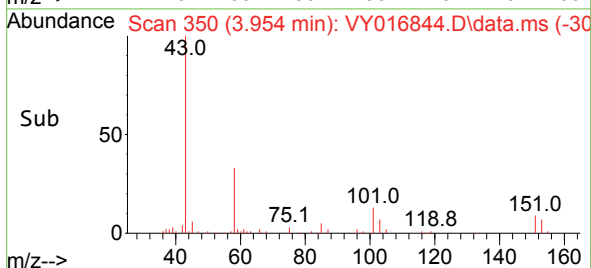
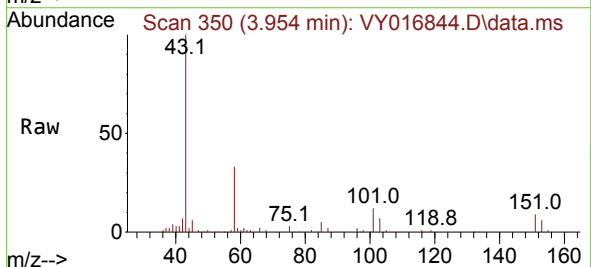


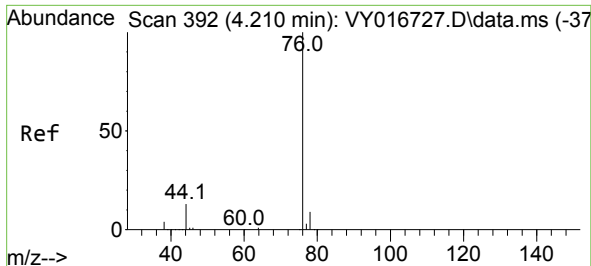
Tgt Ion: 53 Resp: 89303
Ion Ratio Lower Upper
53 100
52 82.0 65.1 97.7
51 36.7 29.0 43.4



#16
Acetone
Concen: 214.973 ug/l
RT: 3.954 min Scan# 350
Delta R.T. -0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 43 Resp: 83688
Ion Ratio Lower Upper
43 100
58 32.8 26.6 39.8

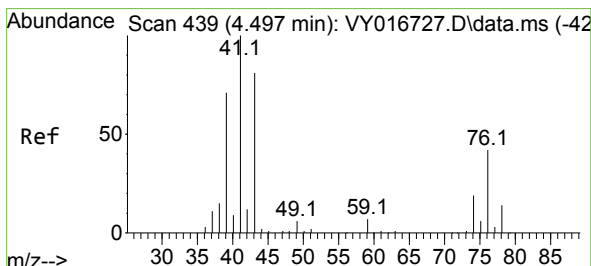
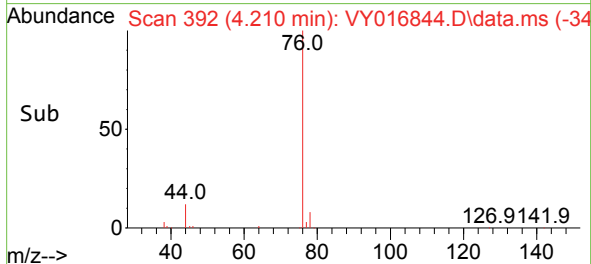
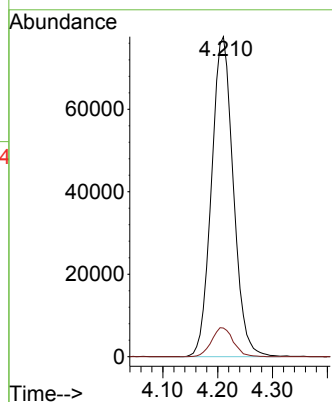
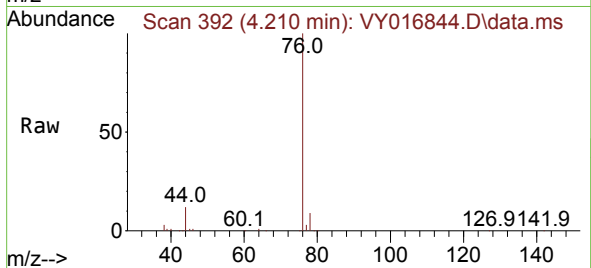




#17
Carbon Disulfide
Concen: 52.975 ug/l
RT: 4.210 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

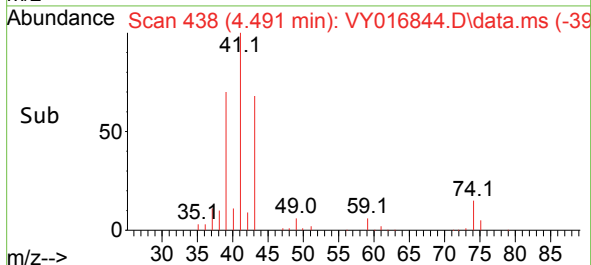
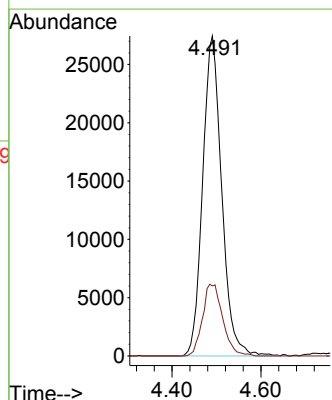
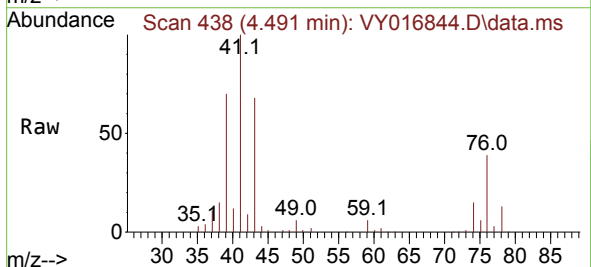
Instrument :
MSVOA_Y
ClientSampleId :

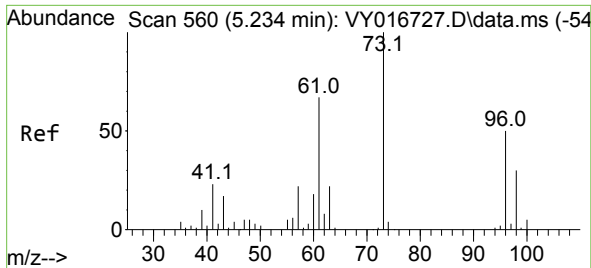
Tgt Ion: 76 Resp: 214596
Ion Ratio Lower Upper
76 100
78 8.9 7.4 11.0



#18
Methyl Acetate
Concen: 53.829 ug/l
RT: 4.491 min Scan# 438
Delta R.T. -0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 43 Resp: 81893
Ion Ratio Lower Upper
43 100
74 23.8 19.8 29.6

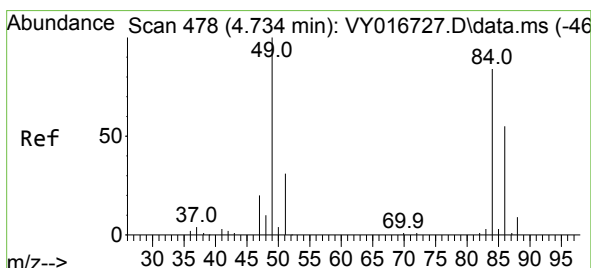
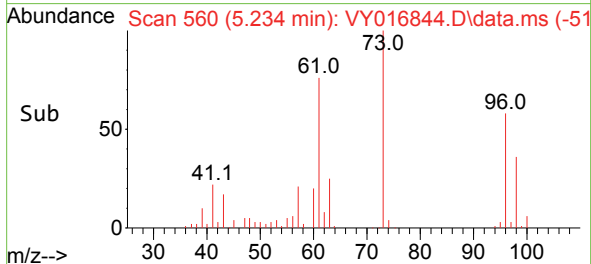
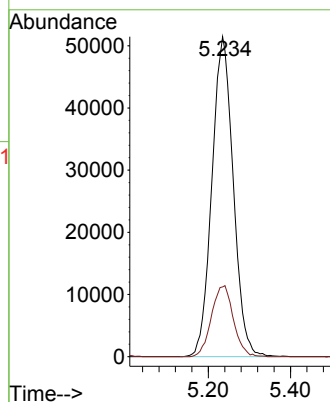
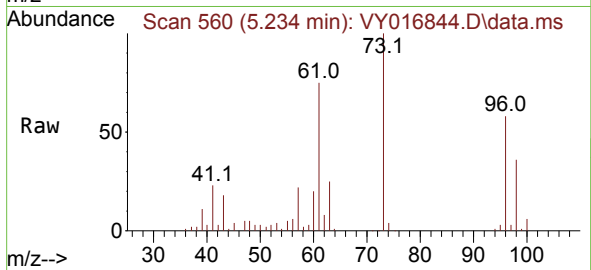




#19
Methyl tert-butyl Ether
Concen: 48.436 ug/l
RT: 5.234 min Scan# 50
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

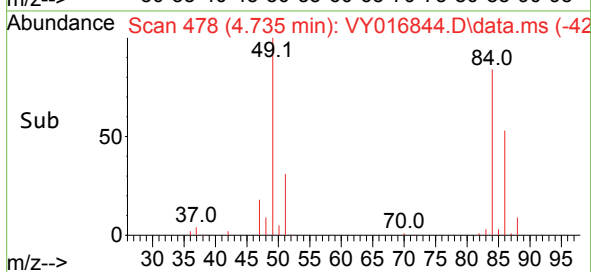
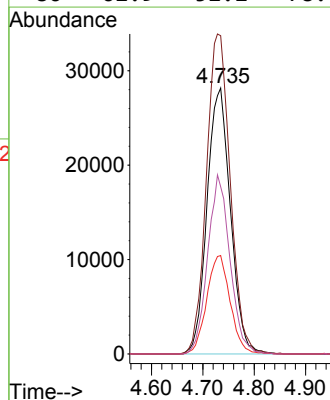
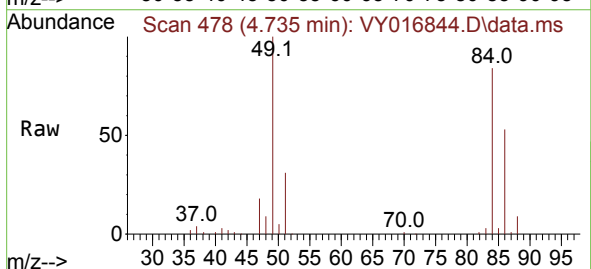
Instrument :
MSVOA_Y
ClientSampleId :

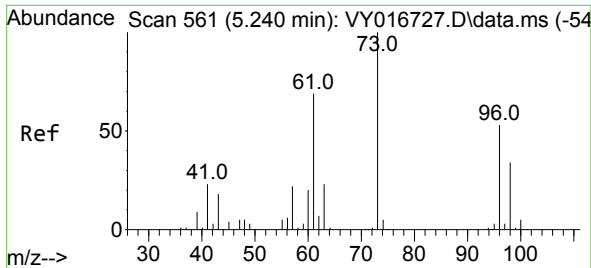
Tgt Ion: 73 Resp: 185545
Ion Ratio Lower Upper
73 100
57 21.8 17.7 26.5



#20
Methylene Chloride
Concen: 45.077 ug/l
RT: 4.735 min Scan# 478
Delta R.T. 0.001 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

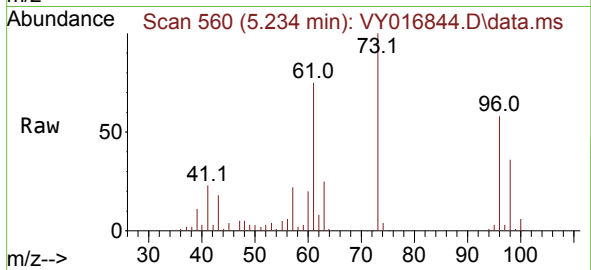
Tgt Ion: 84 Resp: 89299
Ion Ratio Lower Upper
84 100
49 119.7 95.2 142.8
51 37.0 29.9 44.9
86 62.9 52.2 78.4



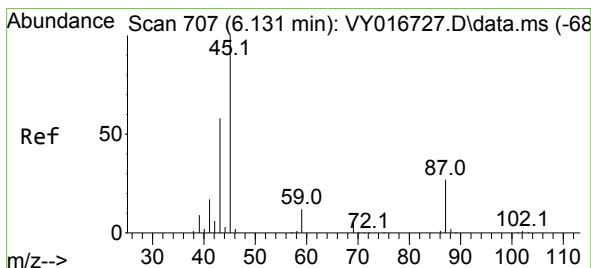
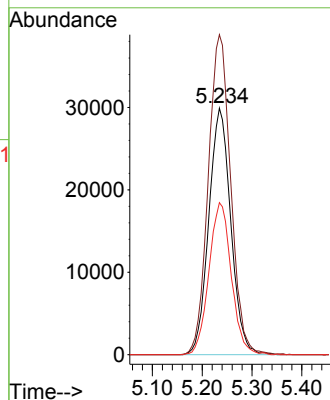
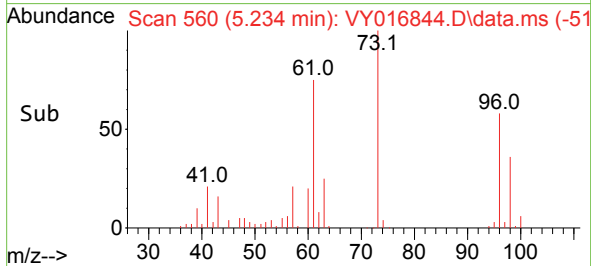


#21
trans-1,2-Dichloroethene
Concen: 54.112 ug/l
RT: 5.234 min Scan# 561
Delta R.T. -0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

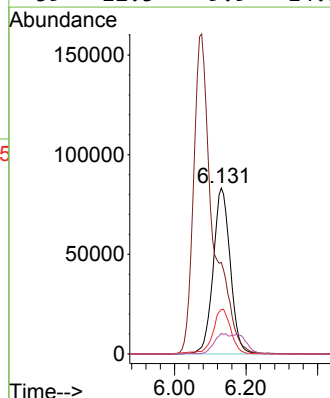
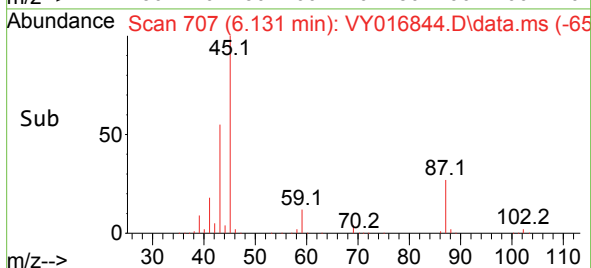
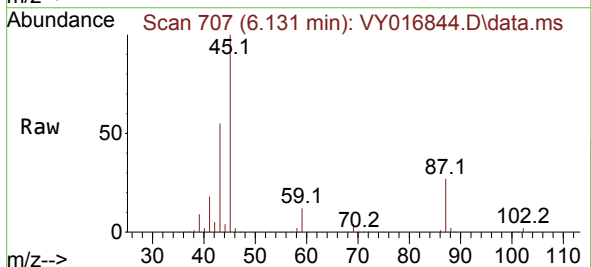


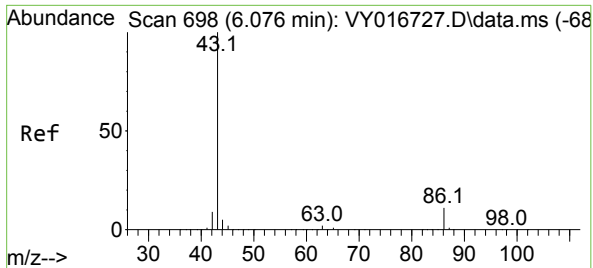
Tgt Ion: 96 Resp: 91879
Ion Ratio Lower Upper
96 100
61 129.8 104.6 156.8
98 61.6 50.9 76.3



#22
Diisopropyl ether
Concen: 53.473 ug/l
RT: 6.131 min Scan# 707
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 45 Resp: 275866
Ion Ratio Lower Upper
45 100
43 54.9 46.8 70.2
87 26.7 22.2 33.2
59 12.5 9.9 14.9

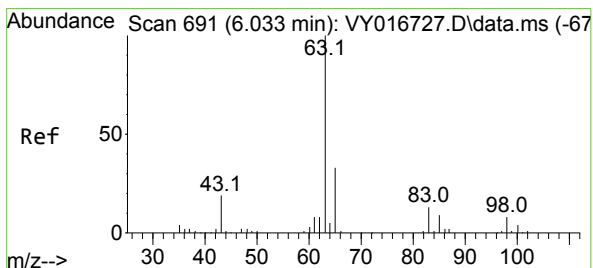
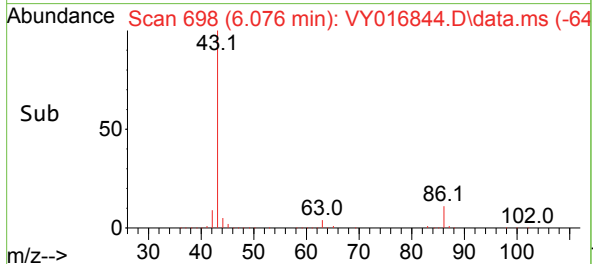
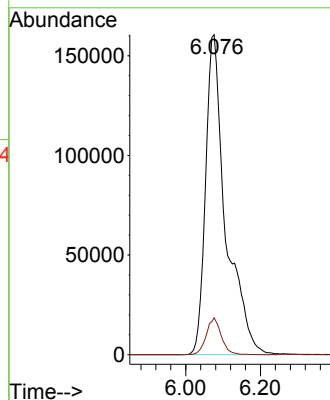
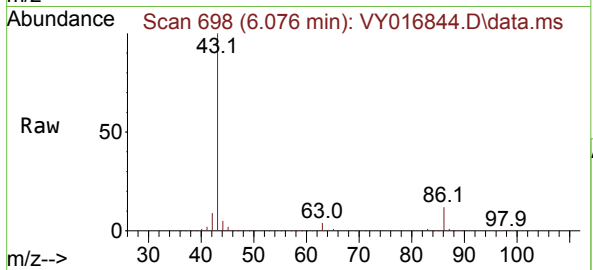




#23
 Vinyl Acetate
 Concen: 246.064 ug/l
 RT: 6.076 min Scan# 698
 Delta R.T. -0.000 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31

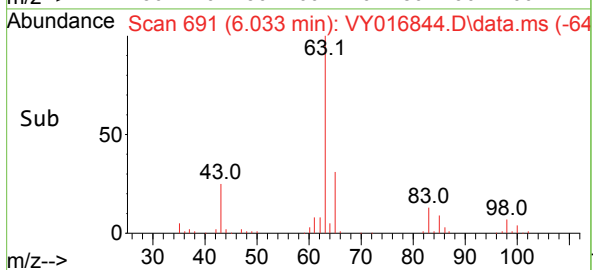
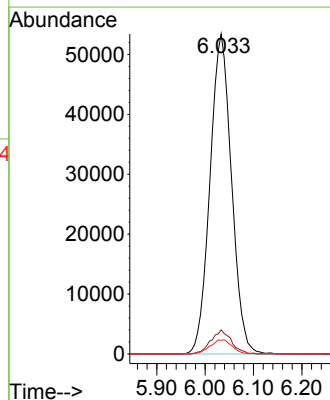
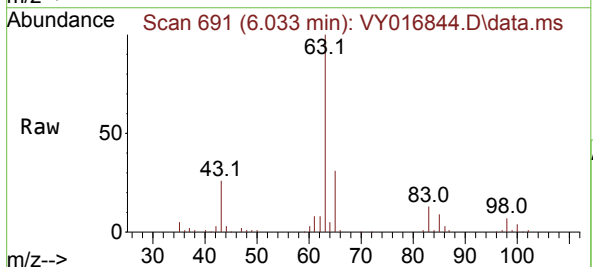
Instrument :
 MSVOA_Y
 ClientSampleId :

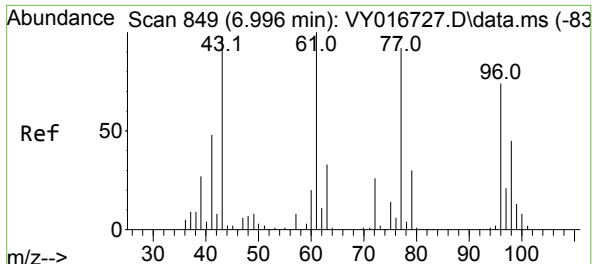
Tgt Ion: 43 Resp: 600384
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.6 13.0



#24
 1,1-Dichloroethane
 Concen: 53.259 ug/l
 RT: 6.033 min Scan# 691
 Delta R.T. 0.000 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31

Tgt Ion: 63 Resp: 165051
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.8 11.4
 100 4.2 2.1 6.2





#25

2-Butanone

Concen: 219.982 ug/l

RT: 7.002 min Scan# 8

Delta R.T. 0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

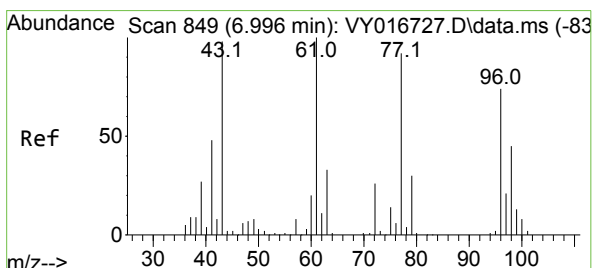
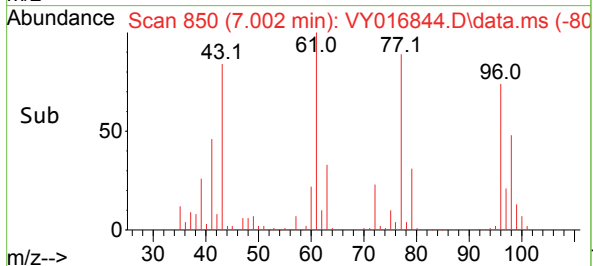
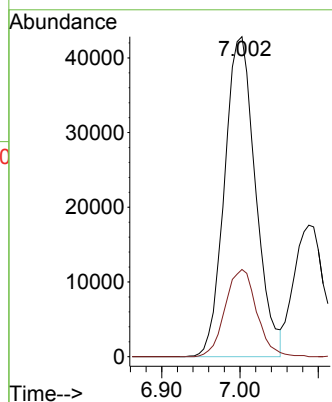
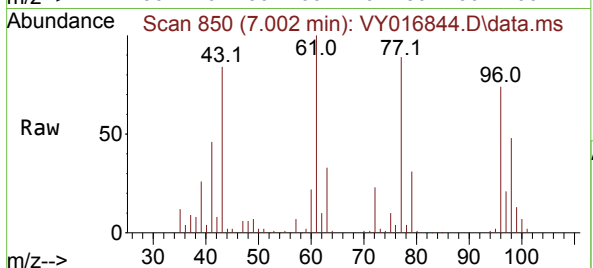
ClientSampleId :

Tgt Ion: 43 Resp: 117908

Ion Ratio Lower Upper

43 100

72 27.2 21.4 32.2



#26

2,2-Dichloropropane

Concen: 53.448 ug/l

RT: 6.996 min Scan# 849

Delta R.T. 0.000 min

Lab File: VY016844.D

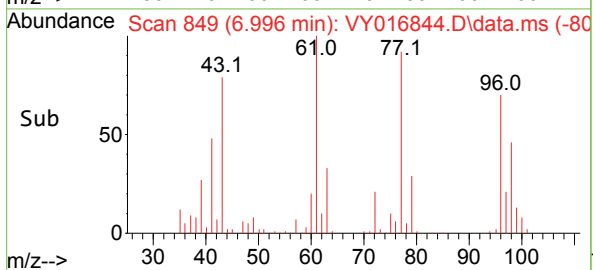
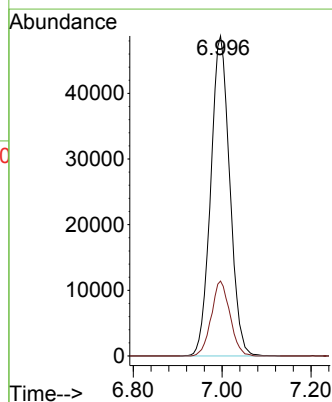
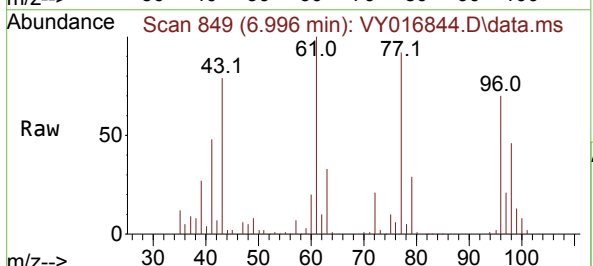
Acq: 26 Dec 2023 10:31

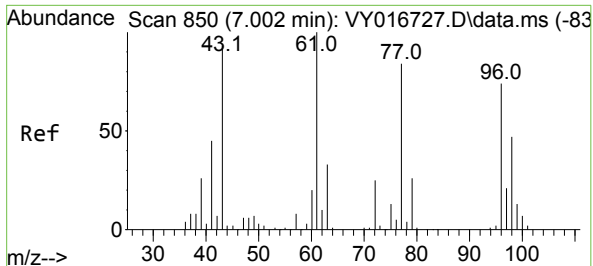
Tgt Ion: 77 Resp: 144545

Ion Ratio Lower Upper

77 100

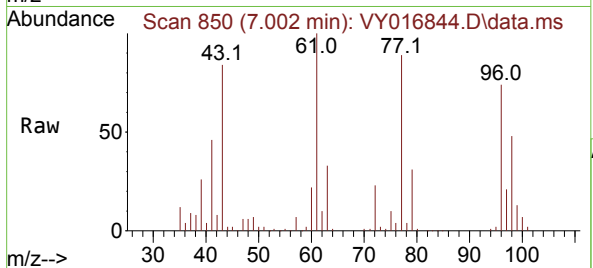
97 23.0 11.7 35.0





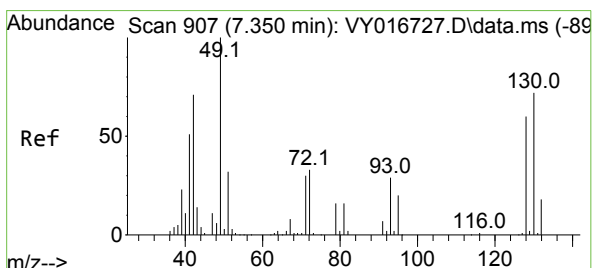
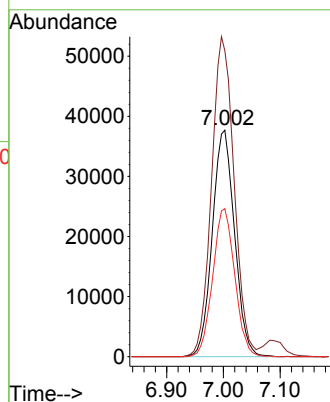
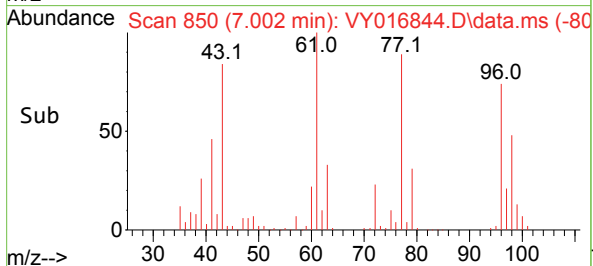
#27
 cis-1,2-Dichloroethene
 Concen: 52.602 ug/l
 RT: 7.002 min Scan# 850
 Delta R.T. 0.000 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31

Instrument :
 MSVOA_Y
 ClientSampleId :

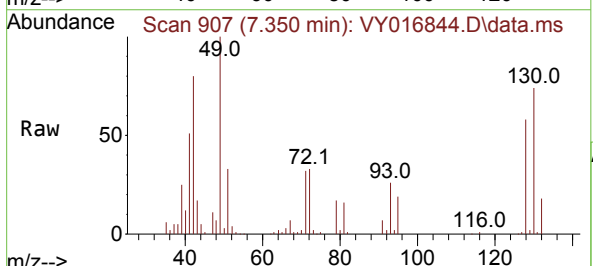


Tgt Ion: 96 Resp: 102793

Ion	Ratio	Lower	Upper
96	100		
61	142.9	0.0	278.8
98	64.8	0.0	127.0

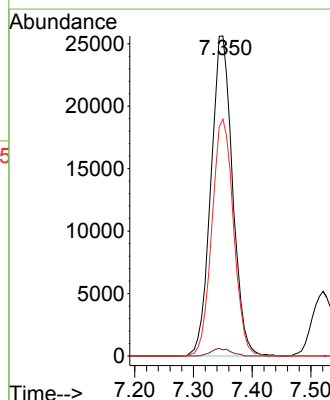
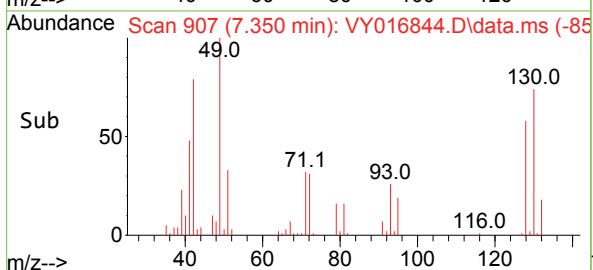


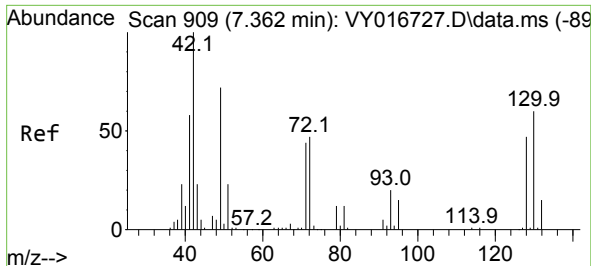
#28
 Bromochloromethane
 Concen: 53.405 ug/l
 RT: 7.350 min Scan# 907
 Delta R.T. 0.000 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31



Tgt Ion: 49 Resp: 65505

Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	3.8
130	73.9	59.8	89.8





#29

Tetrahydrofuran

Concen: 240.551 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

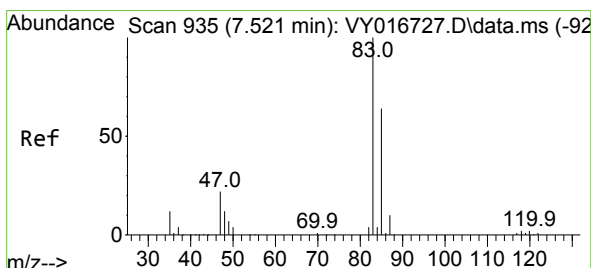
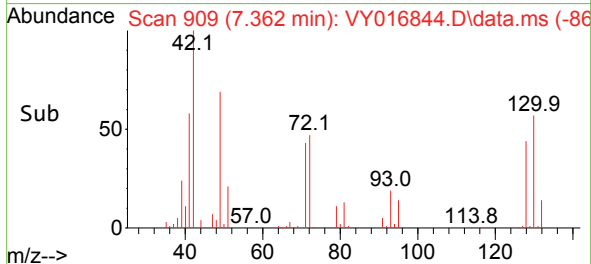
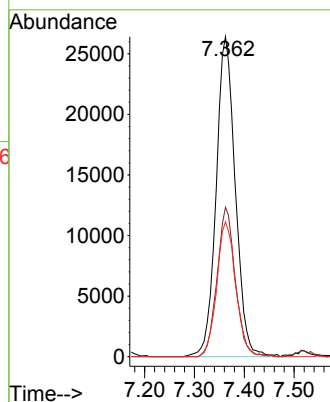
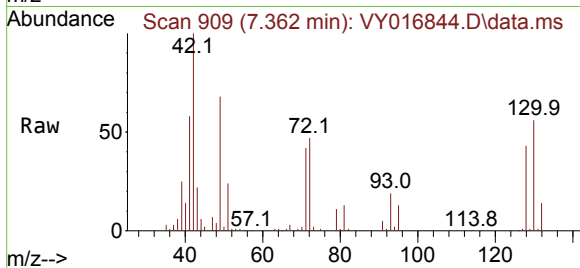
Tgt Ion: 42 Resp: 70500

Ion Ratio Lower Upper

42 100

72 44.5 36.6 54.8

71 41.6 33.8 50.6



#30

Chloroform

Concen: 52.682 ug/l

RT: 7.521 min Scan# 935

Delta R.T. 0.000 min

Lab File: VY016844.D

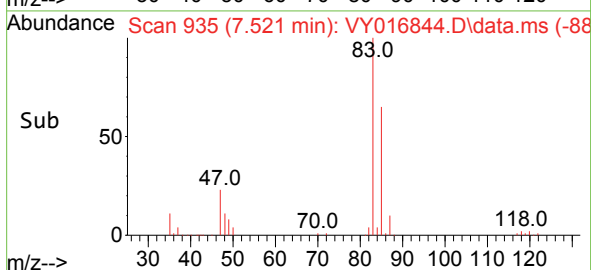
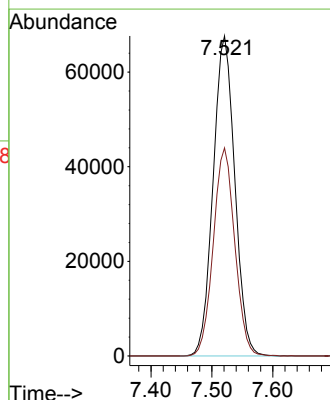
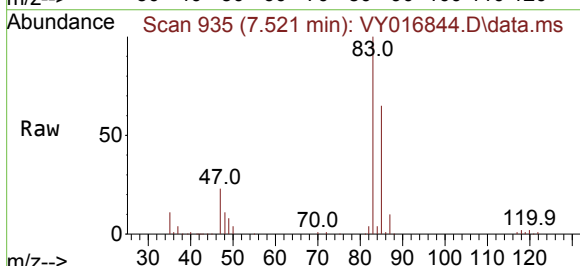
Acq: 26 Dec 2023 10:31

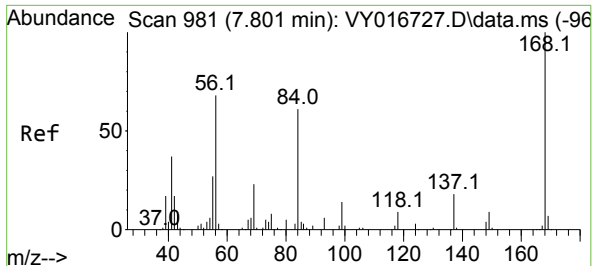
Tgt Ion: 83 Resp: 167134

Ion Ratio Lower Upper

83 100

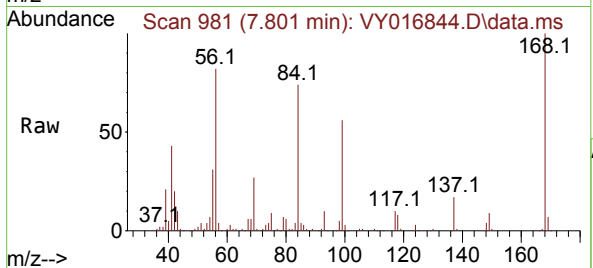
85 65.0 51.2 76.8



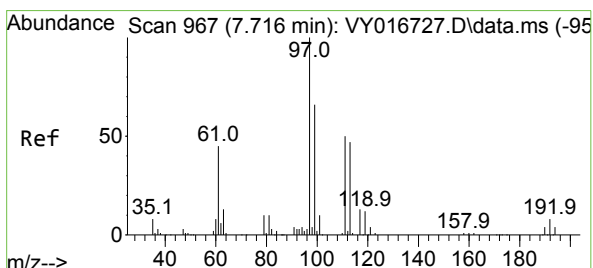
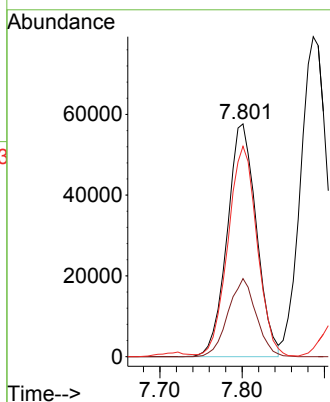
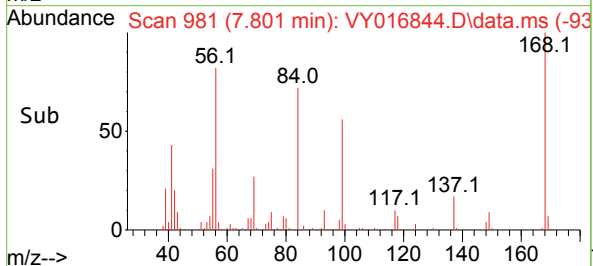


#31
Cyclohexane
Concen: 51.637 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

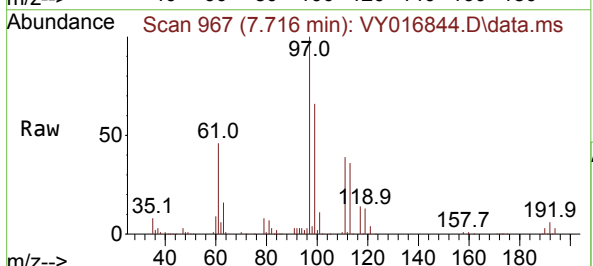
Instrument :
MSVOA_Y
ClientSampleId :



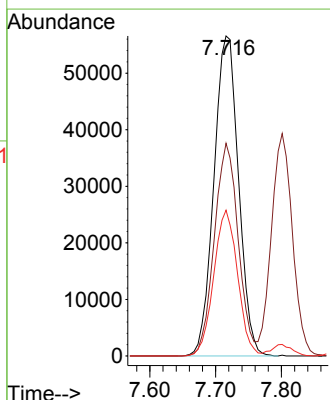
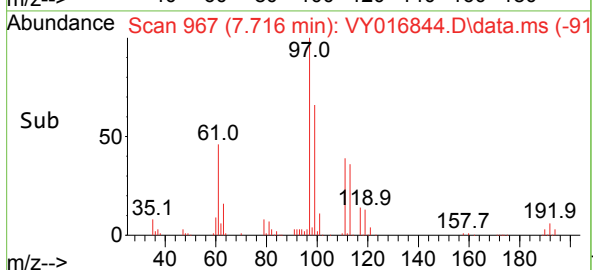
Tgt Ion: 56 Resp: 142429
Ion Ratio Lower Upper
56 100
69 33.6 27.0 40.6
84 88.4 71.8 107.6

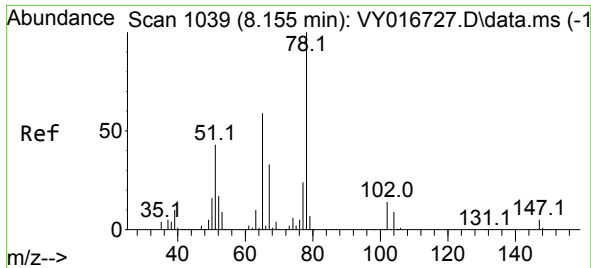


#32
1,1,1-Trichloroethane
Concen: 52.975 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31



Tgt Ion: 97 Resp: 147524
Ion Ratio Lower Upper
97 100
99 64.4 51.2 76.8
61 44.2 35.0 52.6

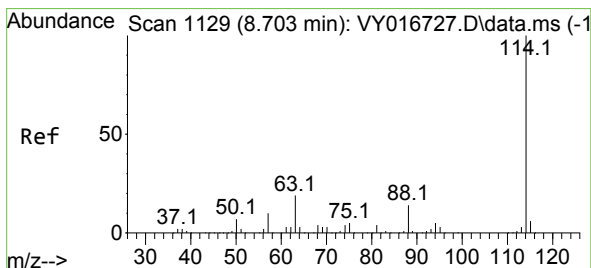
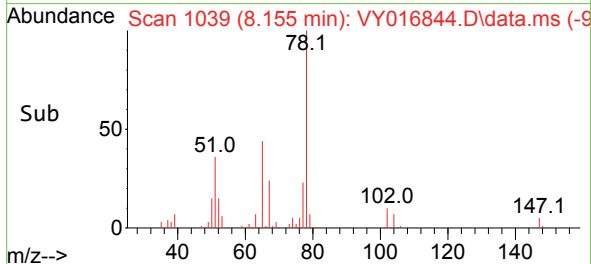
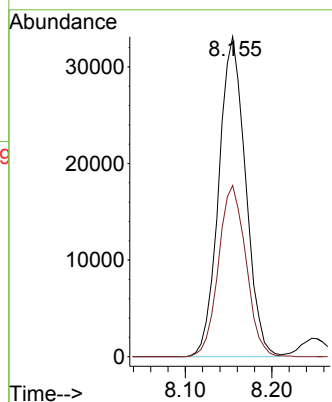
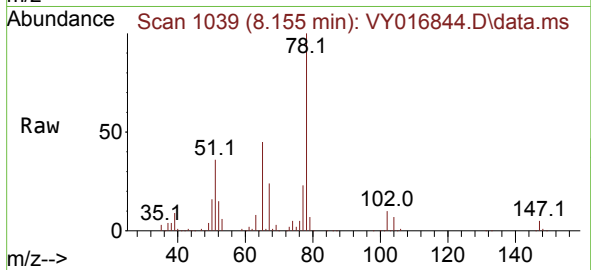




#33
 1,2-Dichloroethane-d4
 Concen: 49.453 ug/l
 RT: 8.155 min Scan# 1039
 Delta R.T. 0.000 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31

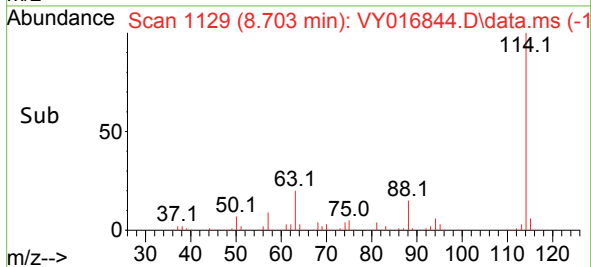
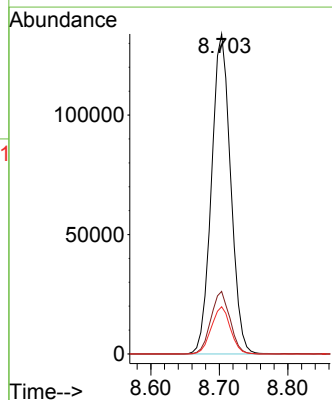
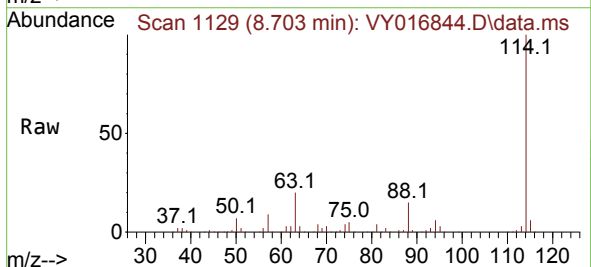
Instrument :
 MSVOA_Y
 ClientSampleId :

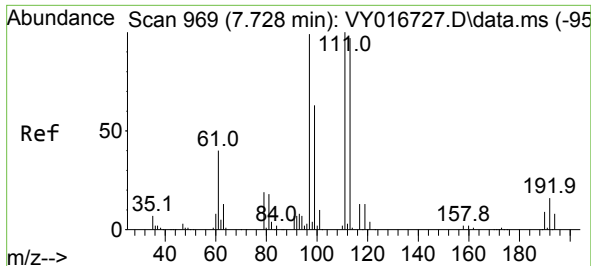
Tgt Ion: 65 Resp: 71194
 Ion Ratio Lower Upper
 65 100
 67 54.8 0.0 109.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.703 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31

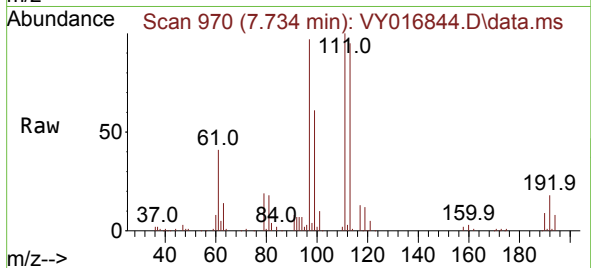
Tgt Ion: 114 Resp: 260273
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 37.4
 88 14.8 0.0 29.0



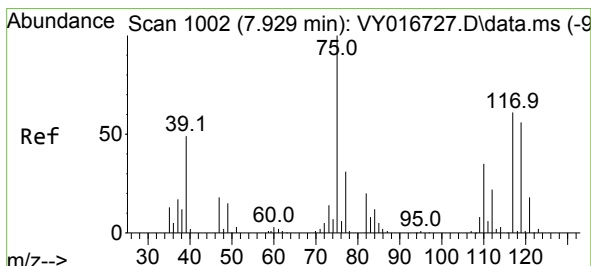
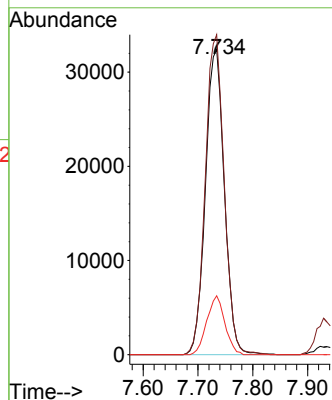
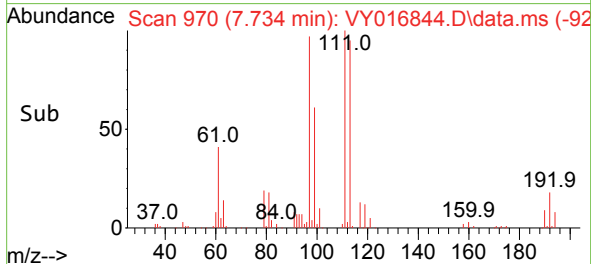


#35
Dibromofluoromethane
Concen: 52.128 ug/l
RT: 7.734 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Instrument :
MSVOA_Y
ClientSampleId :

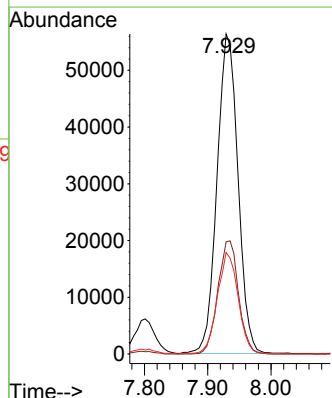
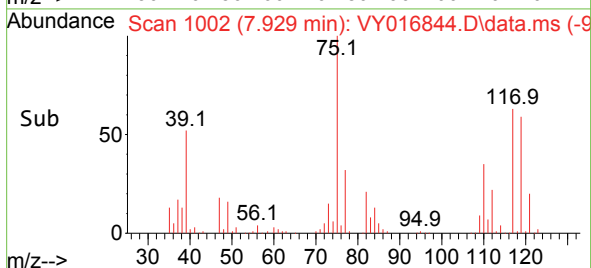
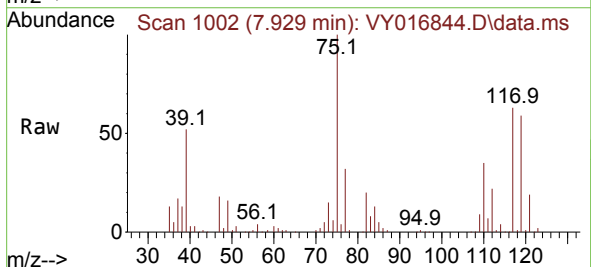


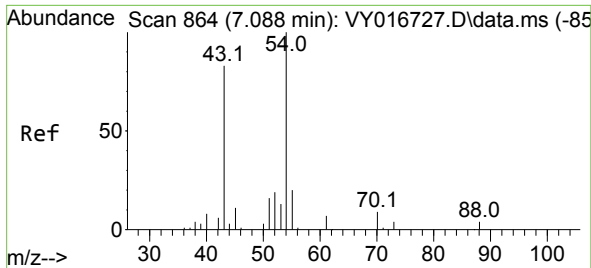
Tgt Ion:113 Resp: 77718
Ion Ratio Lower Upper
113 100
111 104.3 83.8 125.6
192 18.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 54.064 ug/l
RT: 7.929 min Scan# 1002
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 75 Resp: 129223
Ion Ratio Lower Upper
75 100
110 34.9 17.4 52.3
77 31.5 24.7 37.1

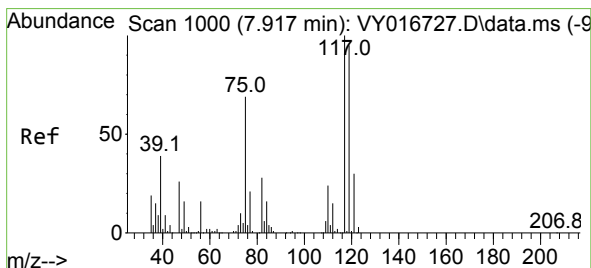
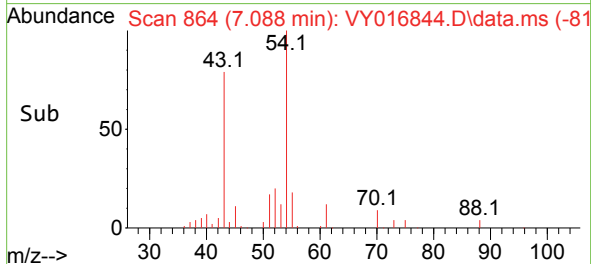
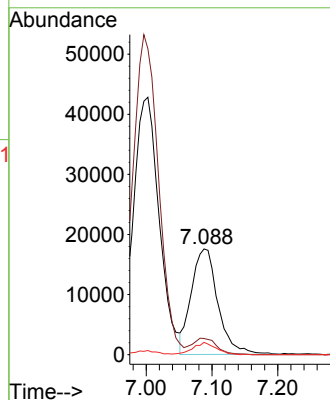
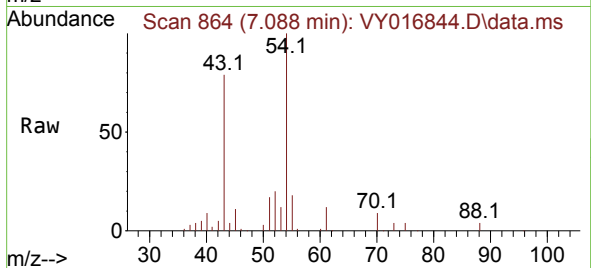




#37
Ethyl Acetate
Concen: 48.111 ug/l
RT: 7.088 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

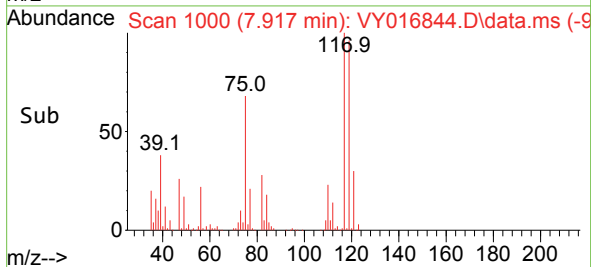
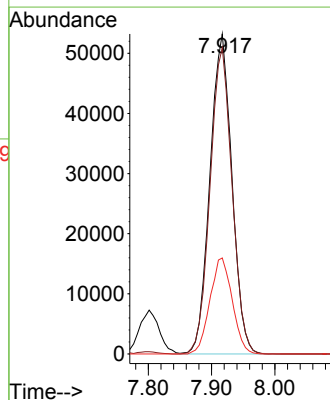
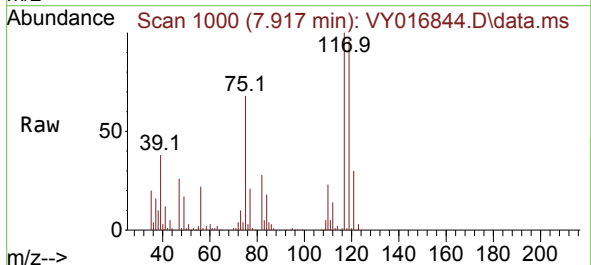
Instrument :
MSVOA_Y
ClientSampleId :

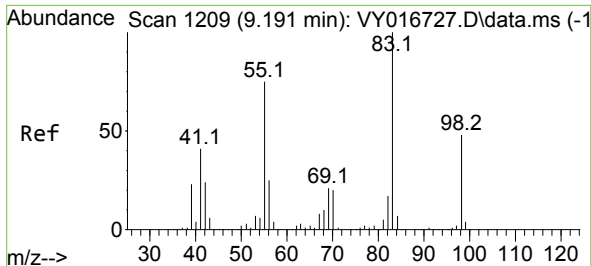
Tgt Ion: 43 Resp: 49289
Ion Ratio Lower Upper
43 100
61 14.7 11.0 16.6
70 10.0 8.1 12.1



#38
Carbon Tetrachloride
Concen: 54.131 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 117 Resp: 128028
Ion Ratio Lower Upper
117 100
119 95.7 76.0 114.0
121 30.0 24.2 36.2





#39

Methylcyclohexane

Concen: 56.071 ug/l

RT: 9.197 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

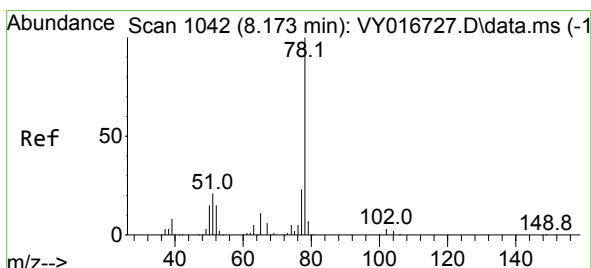
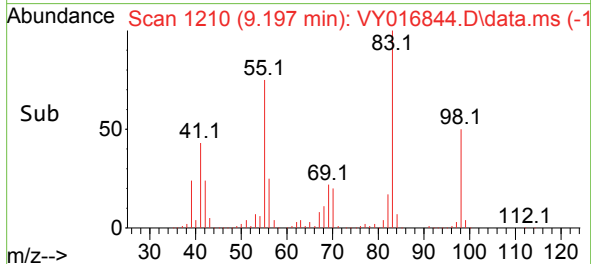
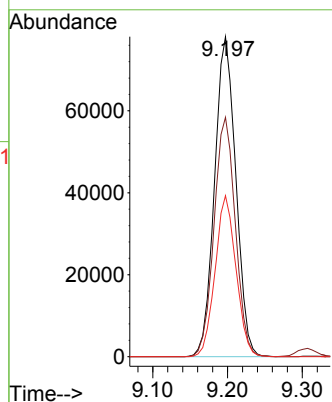
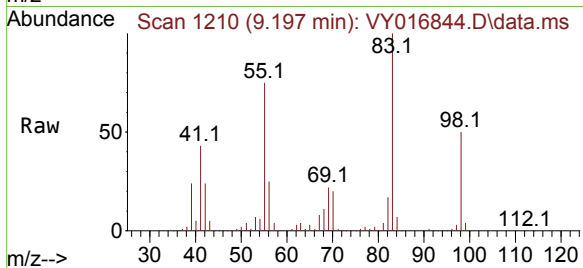
Tgt Ion: 83 Resp: 154735

Ion Ratio Lower Upper

83 100

55 74.8 59.7 89.5

98 50.3 38.0 57.0



#40

Benzene

Concen: 54.523 ug/l

RT: 8.173 min Scan# 1042

Delta R.T. 0.000 min

Lab File: VY016844.D

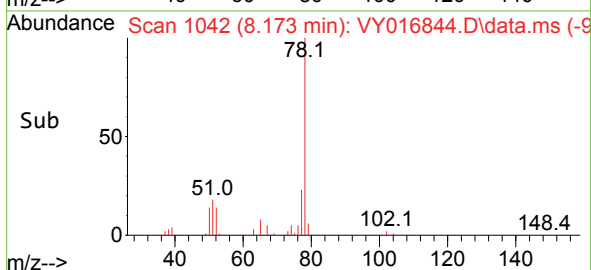
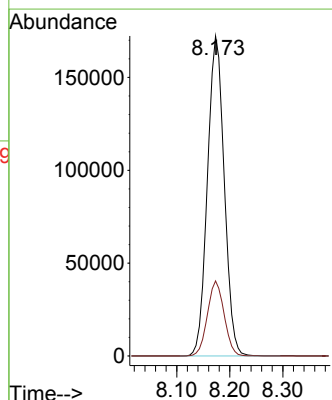
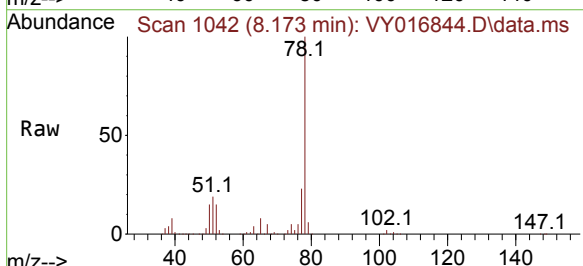
Acq: 26 Dec 2023 10:31

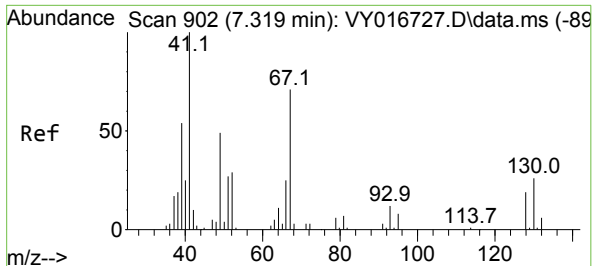
Tgt Ion: 78 Resp: 379230

Ion Ratio Lower Upper

78 100

77 23.4 18.8 28.2

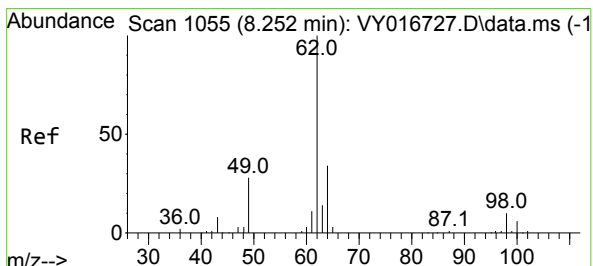
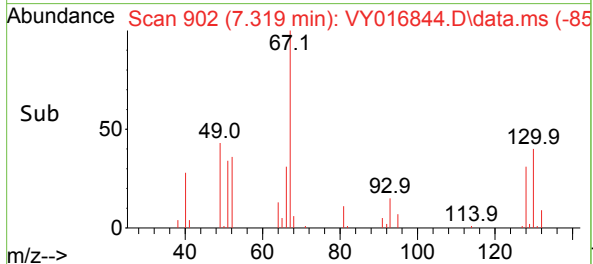
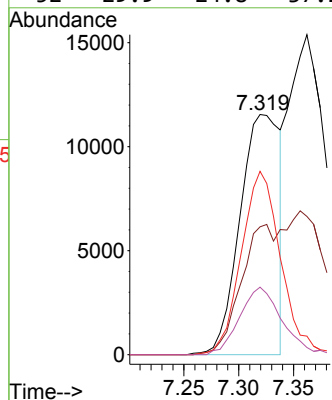
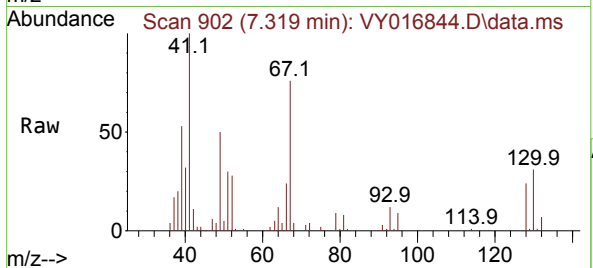




#41
Methacrylonitrile
Concen: 53.766 ug/l
RT: 7.319 min Scan# 902
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

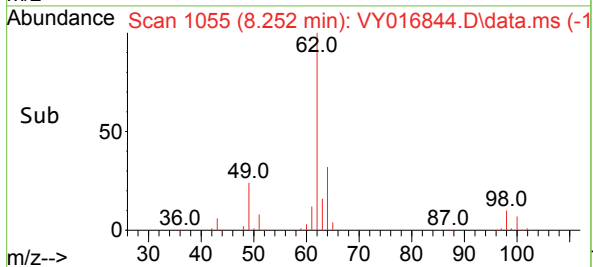
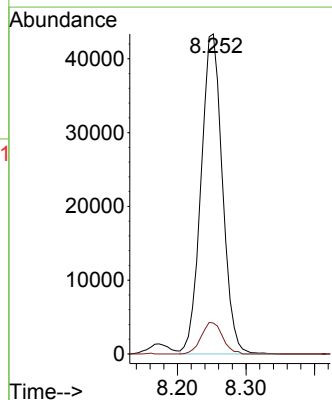
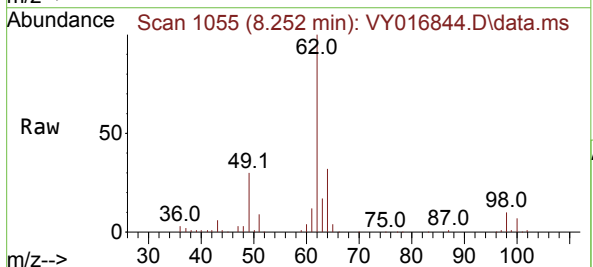
Instrument :
MSVOA_Y
ClientSampleId :

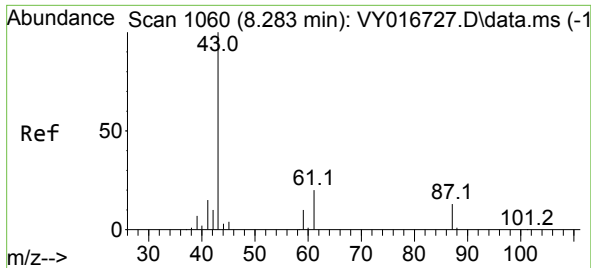
Tgt Ion:	41	Resp:	29245
Ion	Ratio	Lower	Upper
41	100		
39	44.7	41.9	62.9
67	75.6	59.8	89.6
52	29.9	24.8	37.2



#42
1,2-Dichloroethane
Concen: 51.876 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion:	62	Resp:	94135
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2

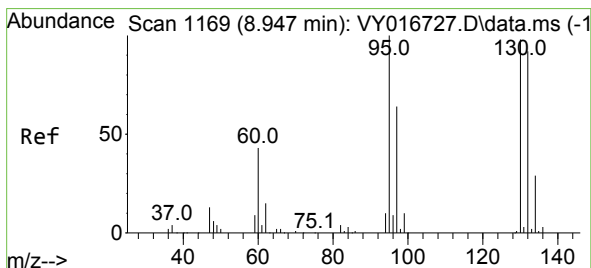
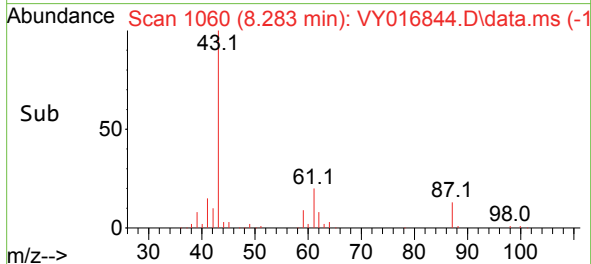
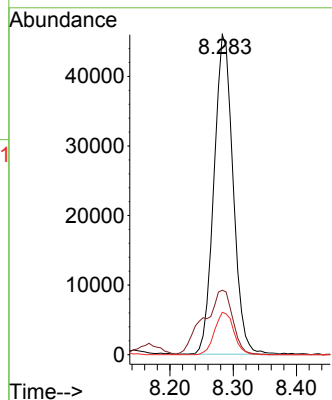
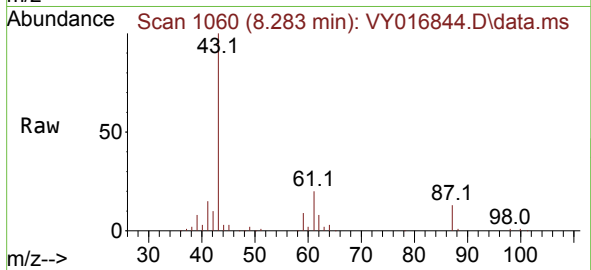




#43
Isopropyl Acetate
Concen: 48.386 ug/l
RT: 8.283 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

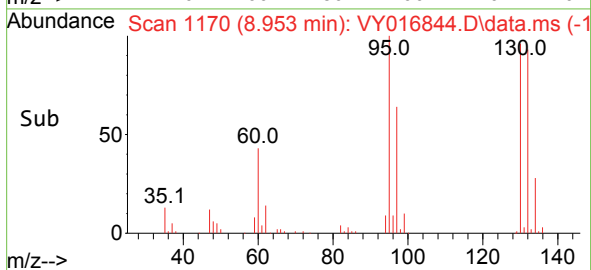
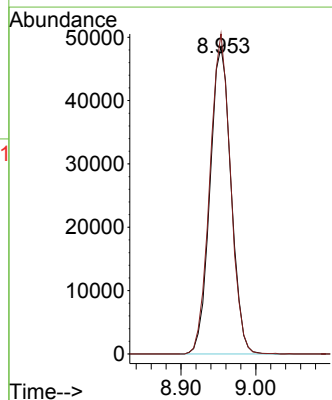
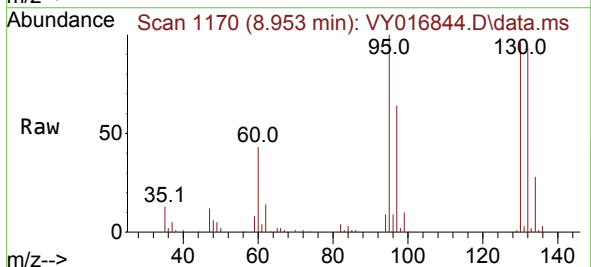
Instrument :
MSVOA_Y
ClientSampleId :

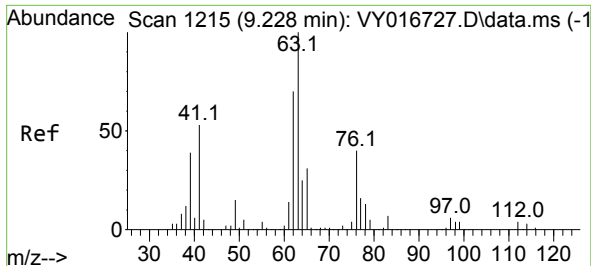
Tgt Ion: 43 Resp: 96276
Ion Ratio Lower Upper
43 100
61 30.5 24.8 37.2
87 13.3 10.7 16.1



#44
Trichloroethene
Concen: 53.340 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion:130 Resp: 94693
Ion Ratio Lower Upper
130 100
95 104.1 0.0 203.8

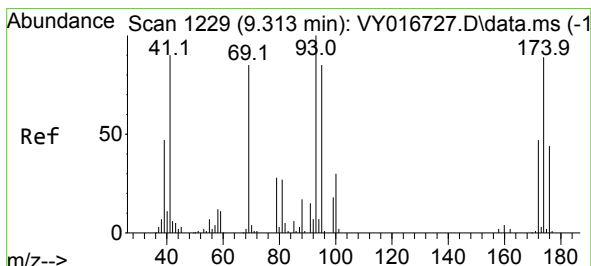
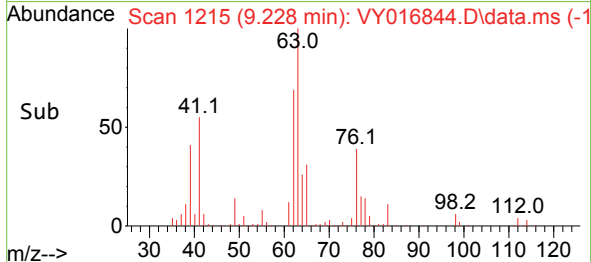
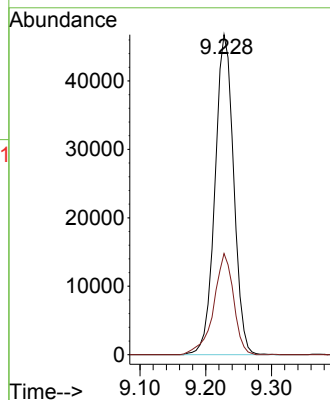
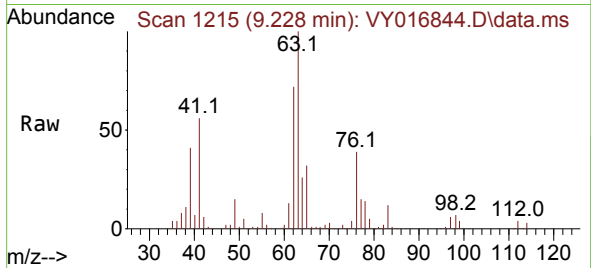




#45
1,2-Dichloropropane
Concen: 52.998 ug/l
RT: 9.228 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

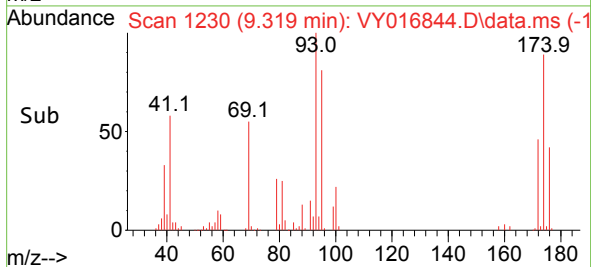
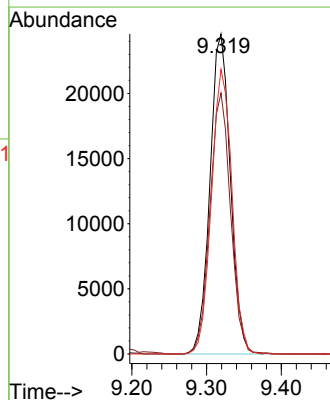
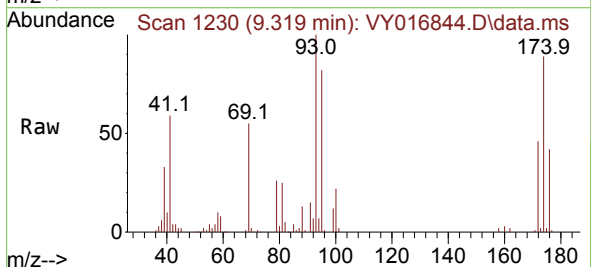
Instrument :
MSVOA_Y
ClientSampleId :

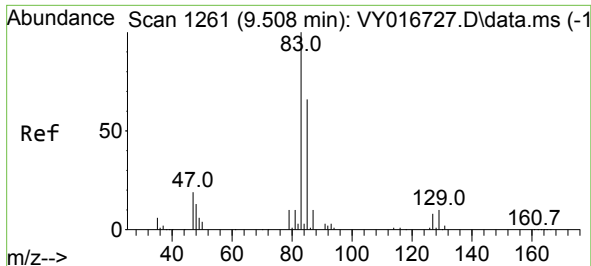
Tgt Ion: 63 Resp: 92468
Ion Ratio Lower Upper
63 100
65 31.6 24.6 36.8



#46
Dibromomethane
Concen: 51.744 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 93 Resp: 46639
Ion Ratio Lower Upper
93 100
95 82.1 66.6 99.8
174 89.5 73.8 110.6





#47

Bromodichloromethane

Concen: 52.288 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

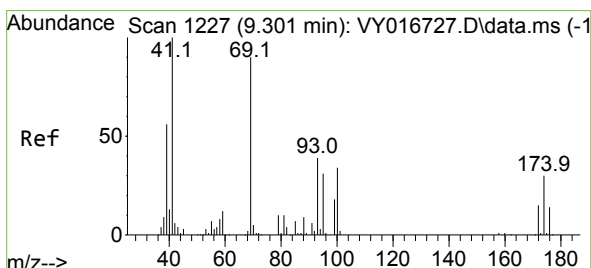
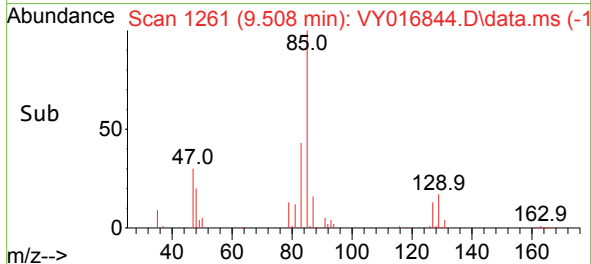
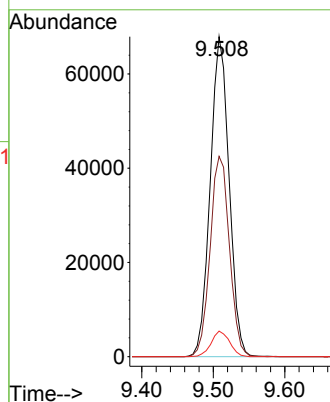
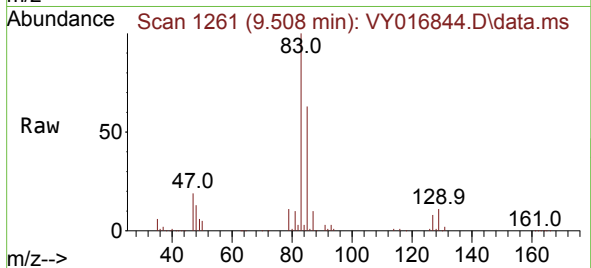
Tgt Ion: 83 Resp: 124219

Ion Ratio Lower Upper

83 100

85 62.6 53.2 79.8

127 8.0 6.4 9.6



#48

Methyl methacrylate

Concen: 51.376 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

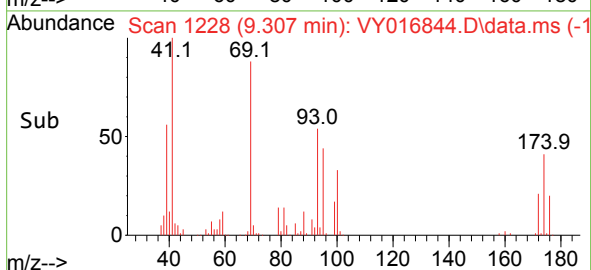
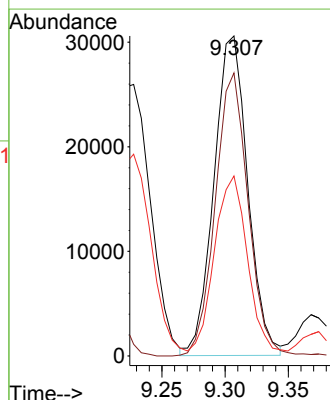
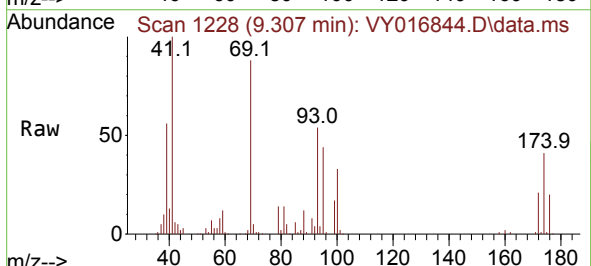
Tgt Ion: 41 Resp: 56814

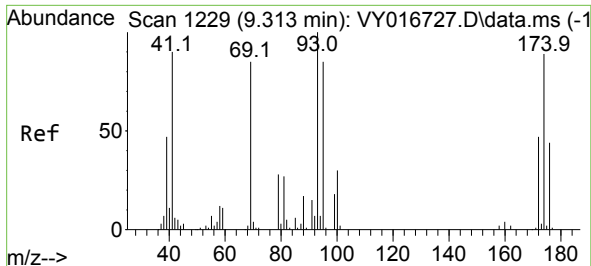
Ion Ratio Lower Upper

41 100

69 86.6 72.1 108.1

39 53.0 42.8 64.2





#49

1,4-Dioxane

Concen: 1057.000 ug/l

RT: 9.307 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

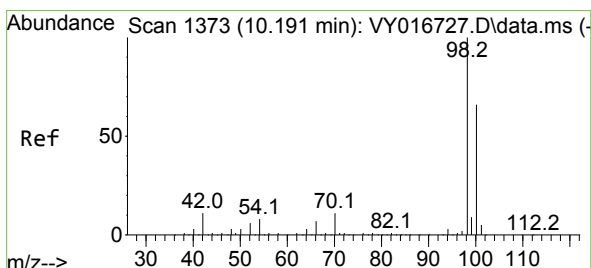
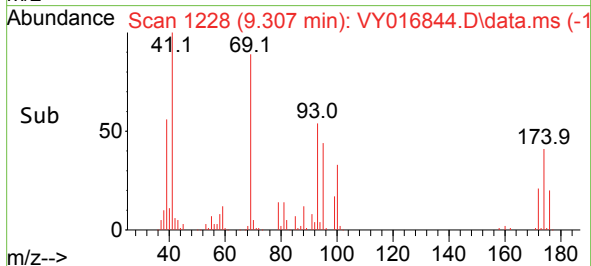
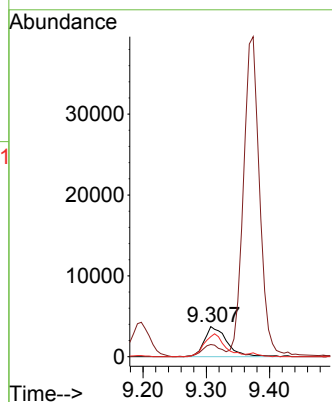
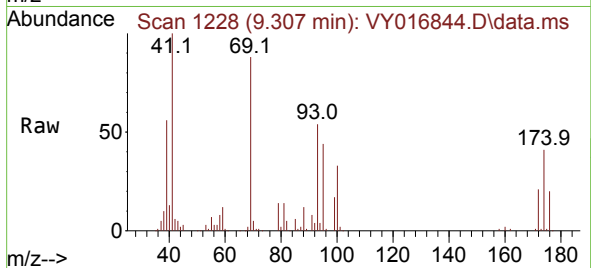
Tgt Ion: 88 Resp: 9247

Ion Ratio Lower Upper

88 100

43 34.5 28.2 42.4

58 69.1 52.2 78.2



#50

Toluene-d8

Concen: 53.455 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. 0.000 min

Lab File: VY016844.D

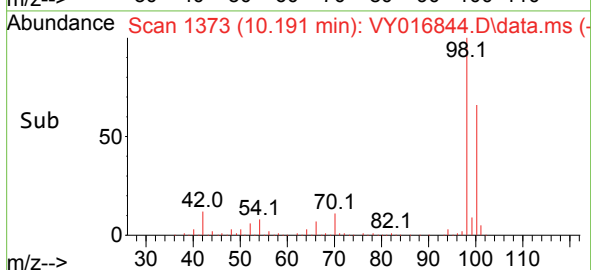
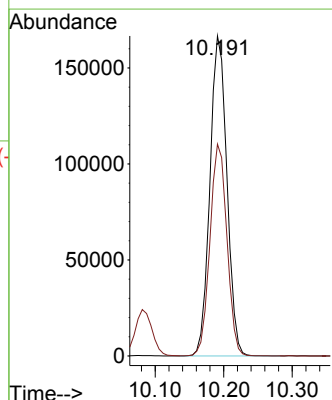
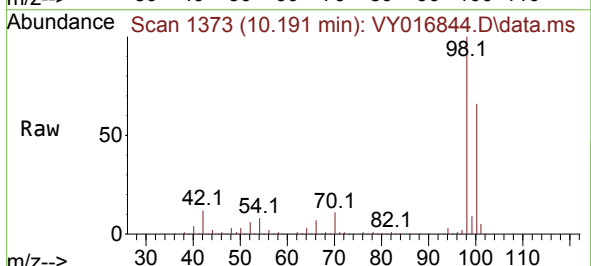
Acq: 26 Dec 2023 10:31

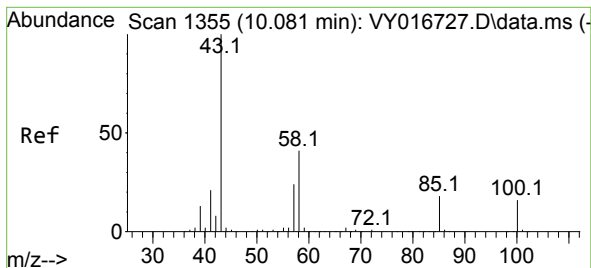
Tgt Ion: 98 Resp: 287298

Ion Ratio Lower Upper

98 100

100 66.2 52.3 78.5

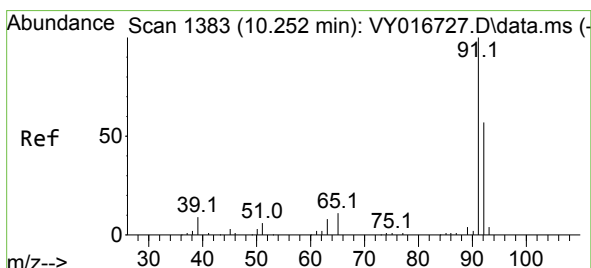
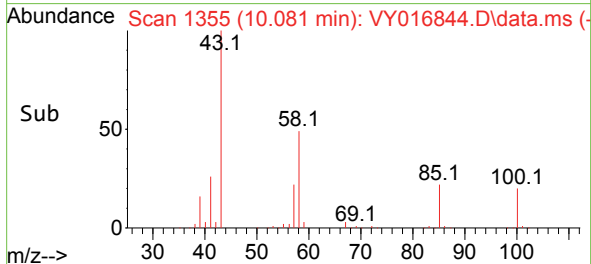
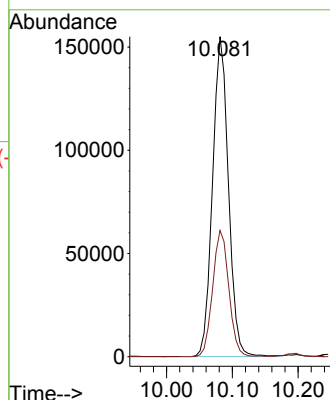
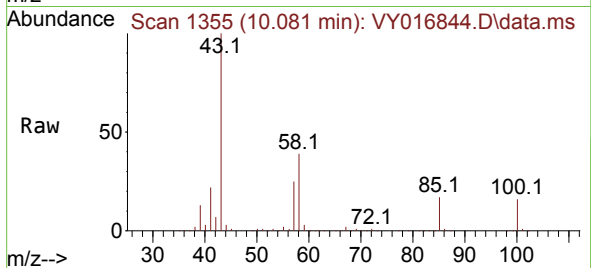




#51
4-Methyl-2-Pentanone
Concen: 245.750 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

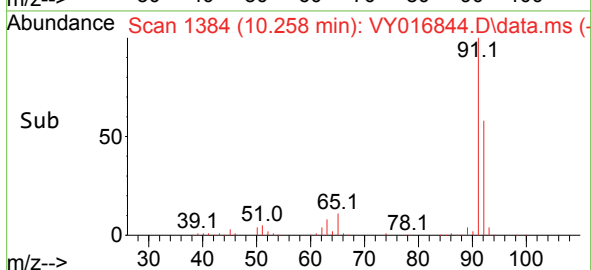
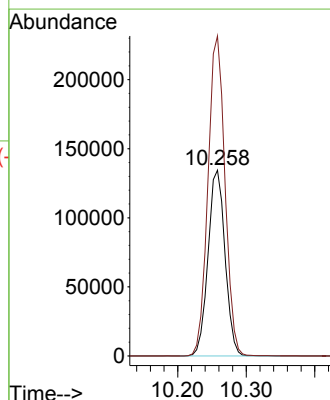
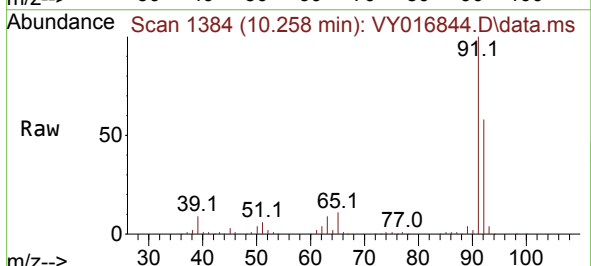
Instrument :
MSVOA_Y
ClientSampleId :

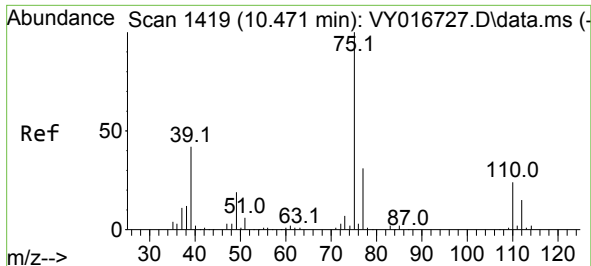
Tgt Ion: 43 Resp: 260536
Ion Ratio Lower Upper
43 100
58 40.3 32.2 48.2



#52
Toluene
Concen: 55.529 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 92 Resp: 231456
Ion Ratio Lower Upper
92 100
91 172.6 137.6 206.4

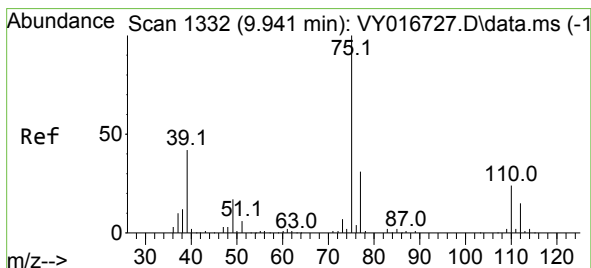
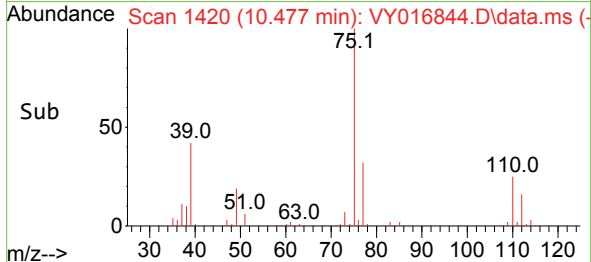
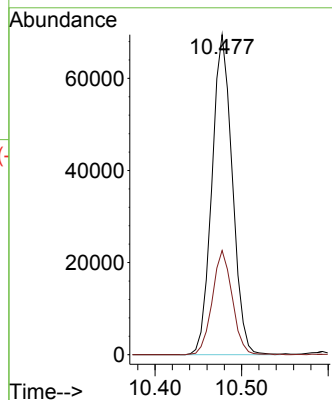
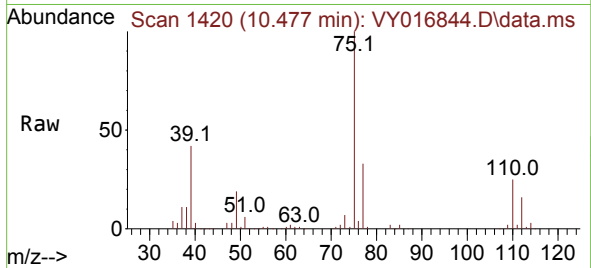




#53
 t-1,3-Dichloropropene
 Concen: 52.469 ug/l
 RT: 10.477 min Scan# 1419
 Delta R.T. 0.006 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31

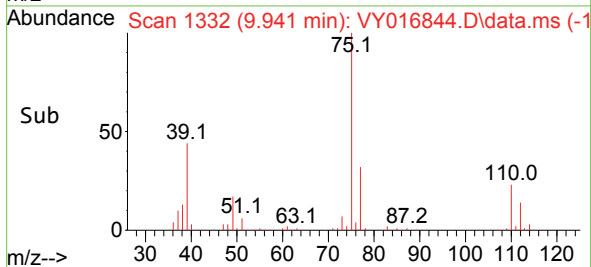
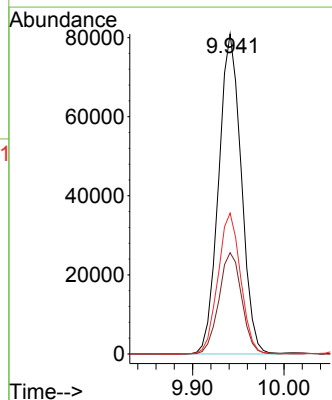
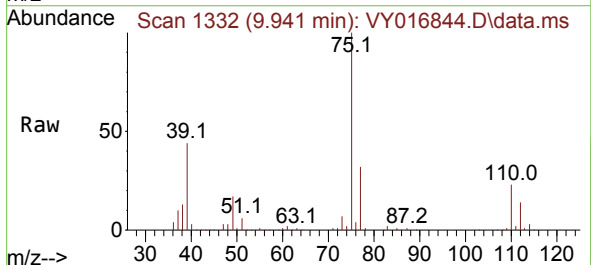
Instrument :
 MSVOA_Y
 ClientSampleId :

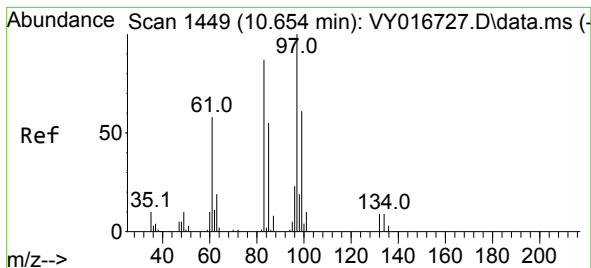
Tgt Ion: 75 Resp: 113660
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 53.216 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31

Tgt Ion: 75 Resp: 139047
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.6 36.8
 39 44.0 33.6 50.4

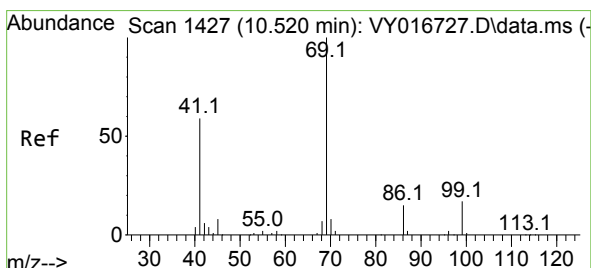
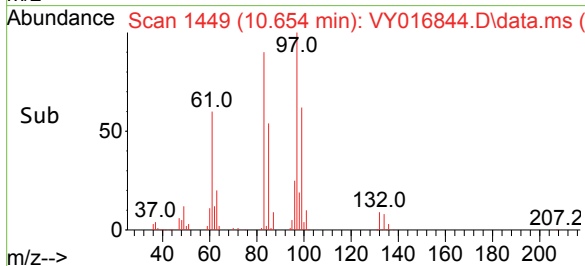
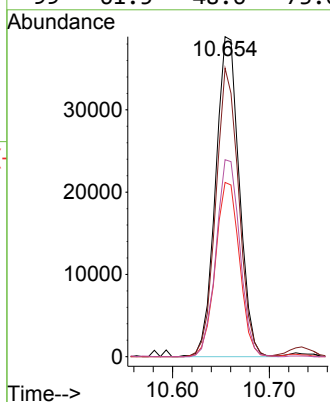
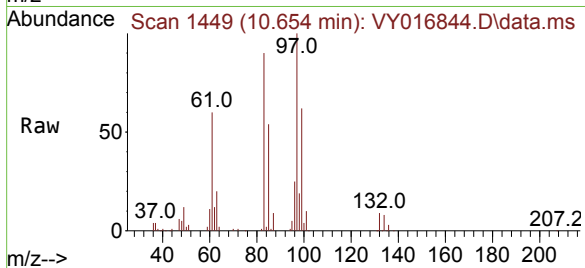




#55
1,1,2-Trichloroethane
Concen: 51.367 ug/l
RT: 10.654 min Scan# 1449
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

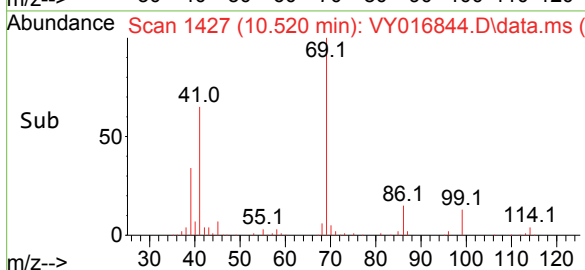
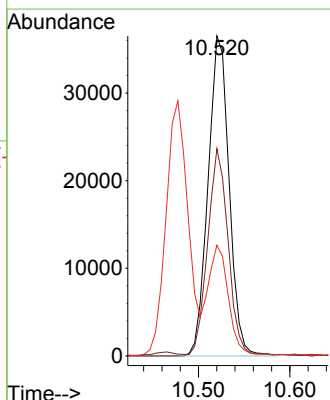
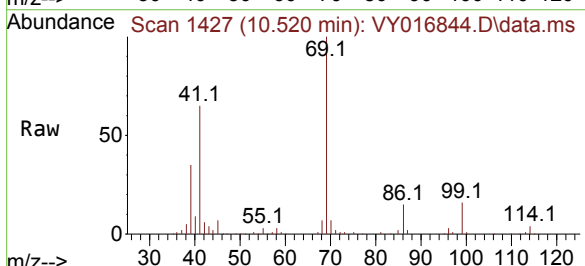
Instrument :
MSVOA_Y
ClientSampleId :

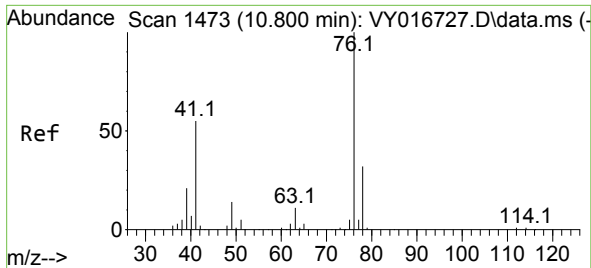
Tgt Ion: 97	Resp: 66058
Ion Ratio	Lower Upper
97 100	
83 90.2	69.4 104.2
85 54.4	43.9 65.9
99 61.5	48.6 73.0



#56
Ethyl methacrylate
Concen: 51.627 ug/l
RT: 10.520 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 69	Resp: 58381
Ion Ratio	Lower Upper
69 100	
41 62.5	49.2 73.8
39 32.9	26.8 40.2





#57

1,3-Dichloropropane

Concen: 51.133 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.001 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

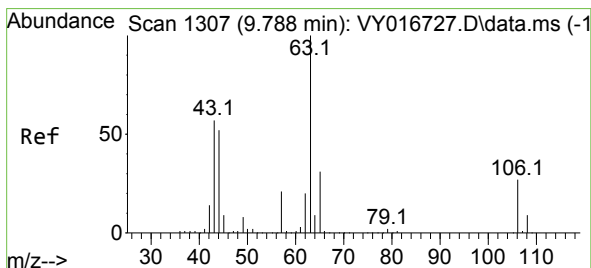
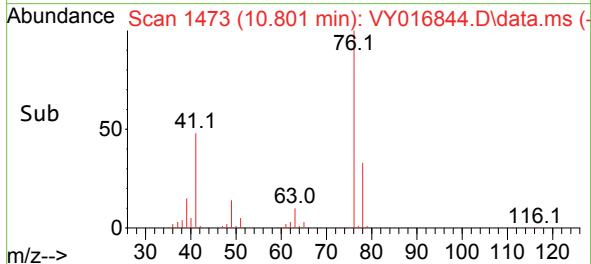
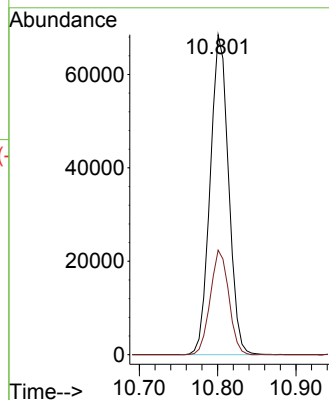
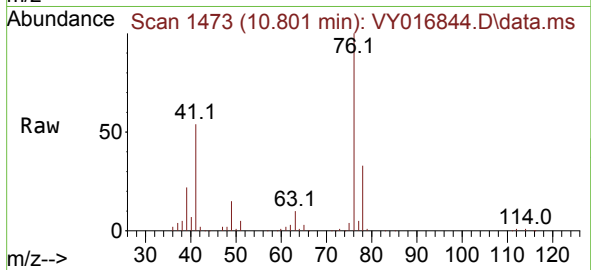
ClientSampleId :

Tgt Ion: 76 Resp: 111691

Ion Ratio Lower Upper

76 100

78 32.8 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 271.851 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY016844.D

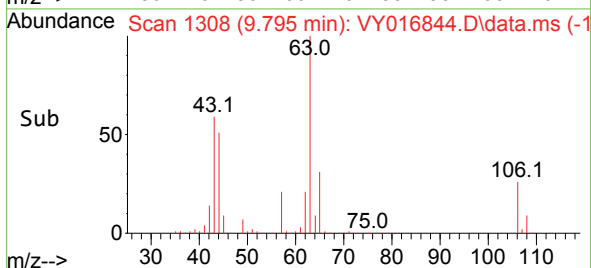
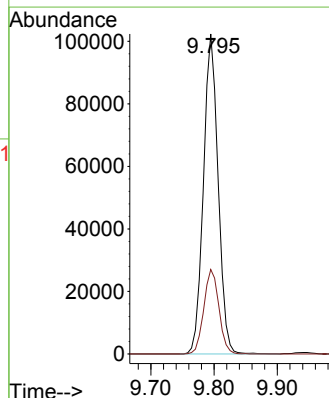
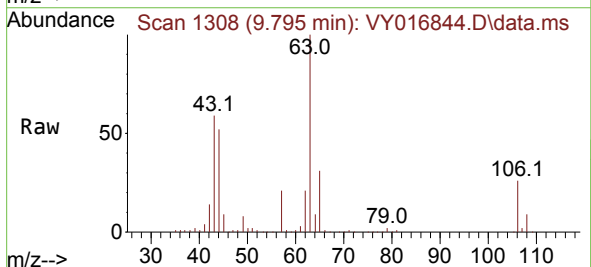
Acq: 26 Dec 2023 10:31

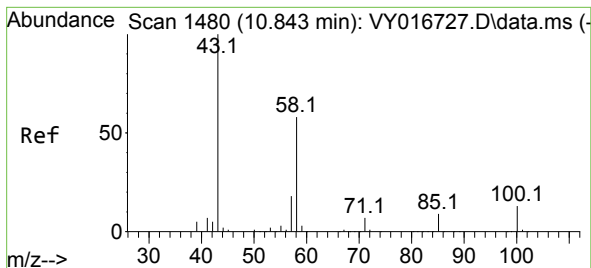
Tgt Ion: 63 Resp: 165376

Ion Ratio Lower Upper

63 100

106 27.1 22.4 33.6

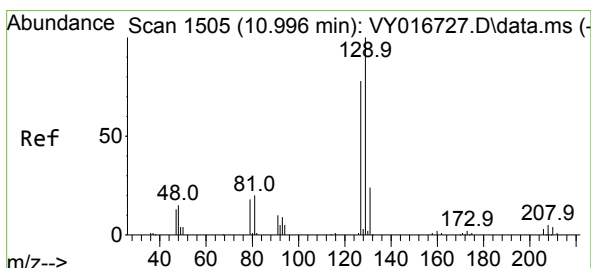
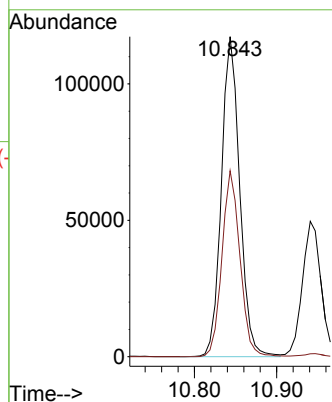
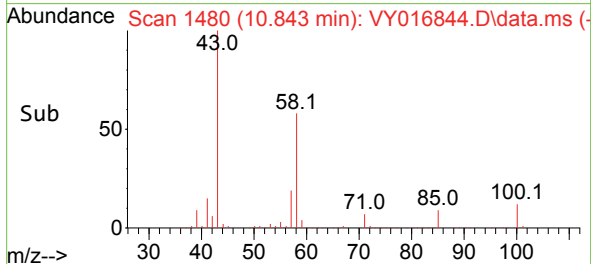
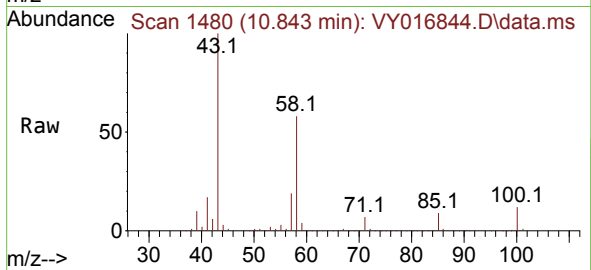




#59
2-Hexanone
Concen: 229.669 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

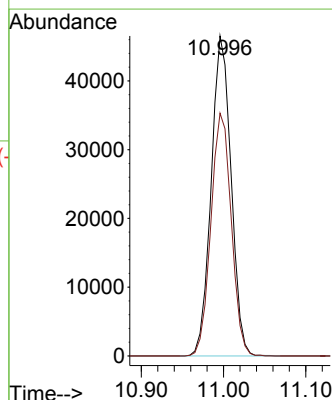
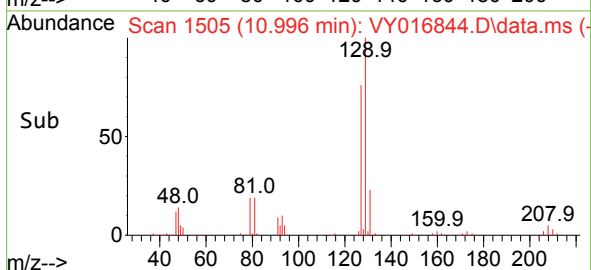
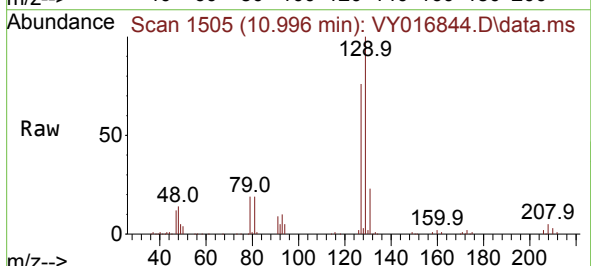
Instrument :
MSVOA_Y
ClientSampleId :

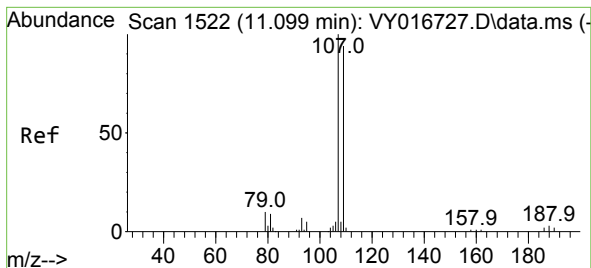
Tgt Ion: 43 Resp: 181558
Ion Ratio Lower Upper
43 100
58 57.2 28.1 84.3



#60
Dibromochloromethane
Concen: 52.456 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 129 Resp: 78036
Ion Ratio Lower Upper
129 100
127 77.6 39.2 117.6

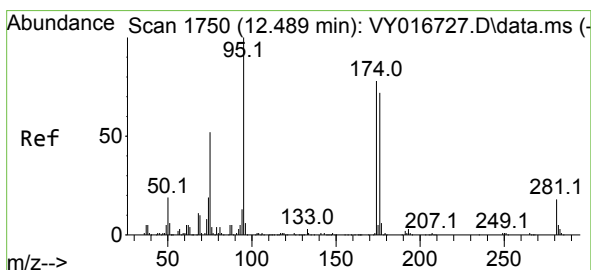
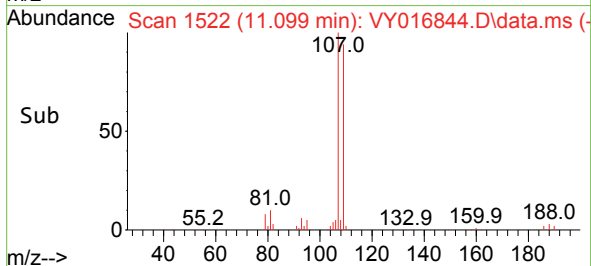
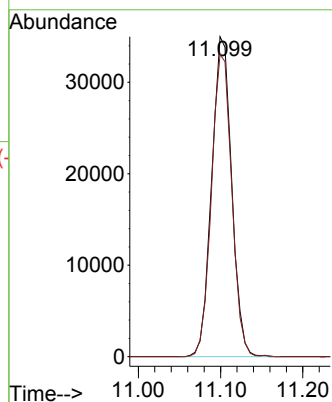
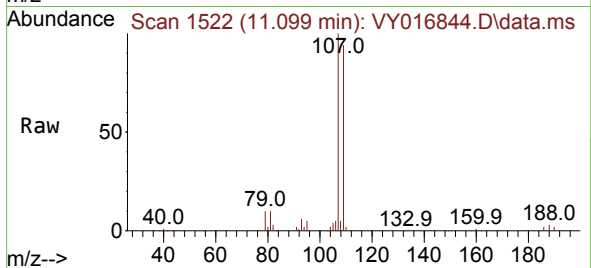




#61
1,2-Dibromoethane
Concen: 51.240 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

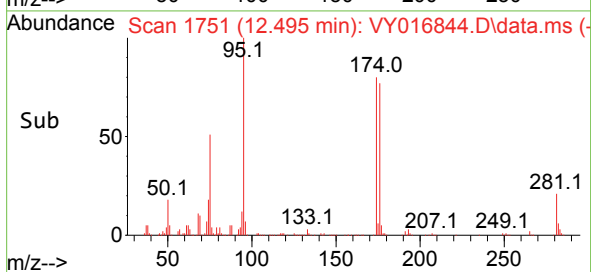
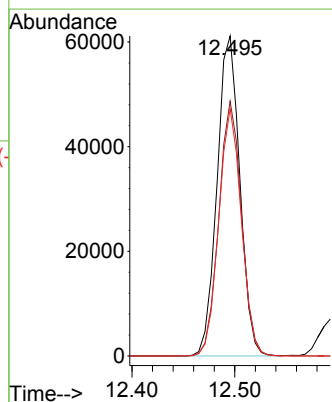
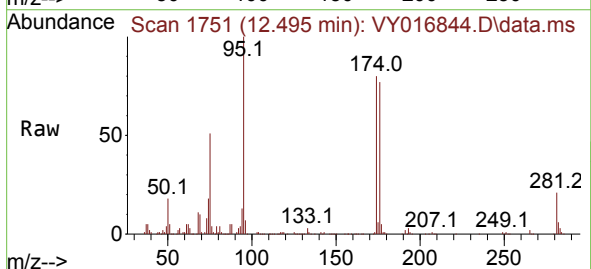
Instrument :
MSVOA_Y
ClientSampleId :

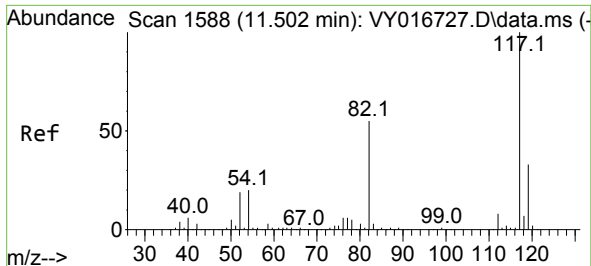
Tgt Ion:107 Resp: 59094
Ion Ratio Lower Upper
107 100
109 95.9 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 53.782 ug/l
RT: 12.495 min Scan# 1751
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 95 Resp: 93778
Ion Ratio Lower Upper
95 100
174 79.3 0.0 160.0
176 76.5 0.0 151.8

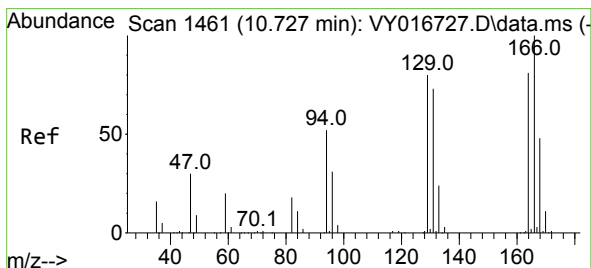
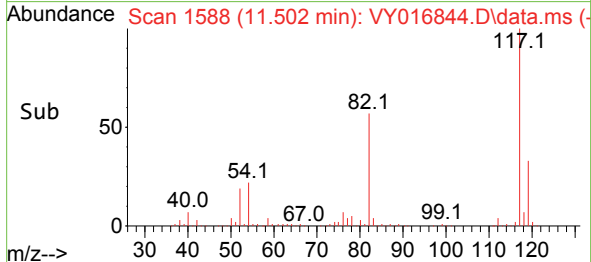
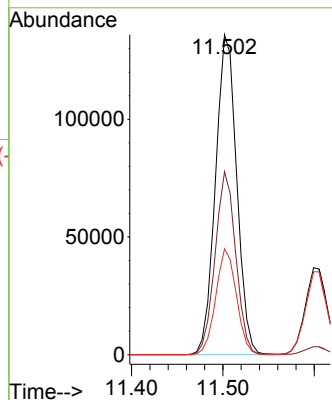
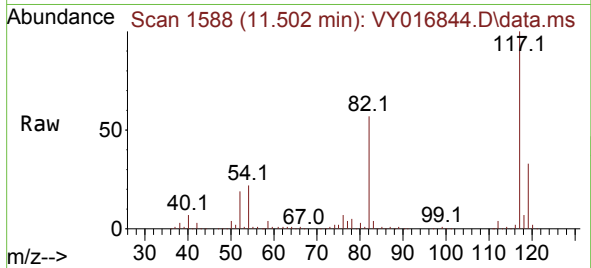




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

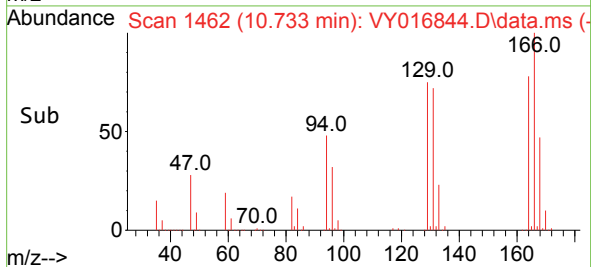
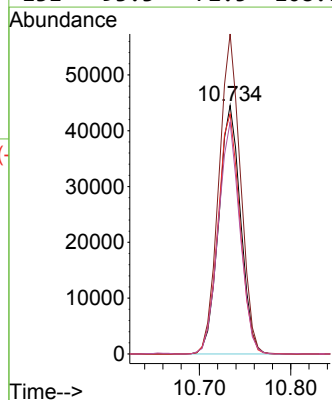
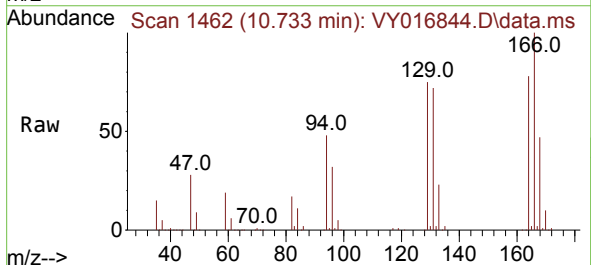
Instrument :
MSVOA_Y
ClientSampleId :

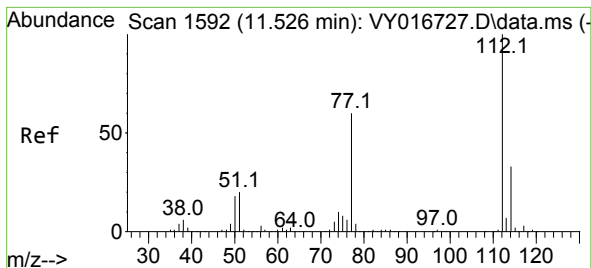
Tgt Ion:117 Resp: 219722
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 33.1 26.5 39.7



#64
Tetrachloroethene
Concen: 53.970 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion:164 Resp: 73664
Ion Ratio Lower Upper
164 100
166 128.8 98.8 148.2
129 96.6 78.9 118.3
131 93.3 72.5 108.7





#65

Chlorobenzene

Concen: 54.492 ug/l

RT: 11.532 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

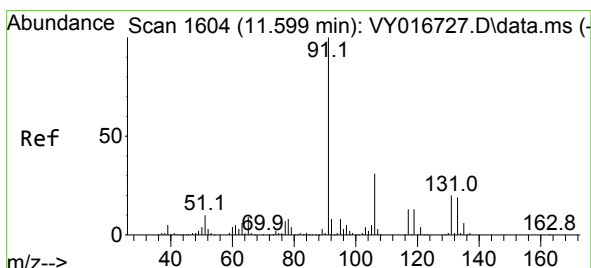
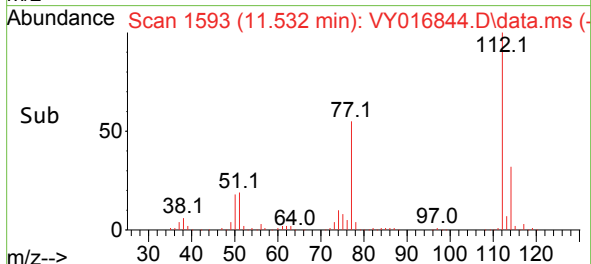
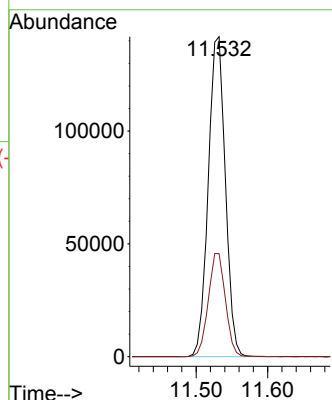
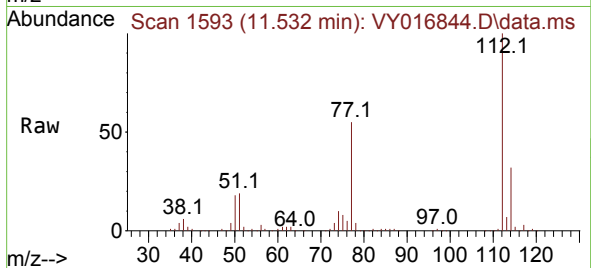
ClientSampleId :

Tgt Ion:112 Resp: 235238

Ion Ratio Lower Upper

112 100

114 32.2 26.1 39.1



#66

1,1,1,2-Tetrachloroethane

Concen: 54.020 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.000 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

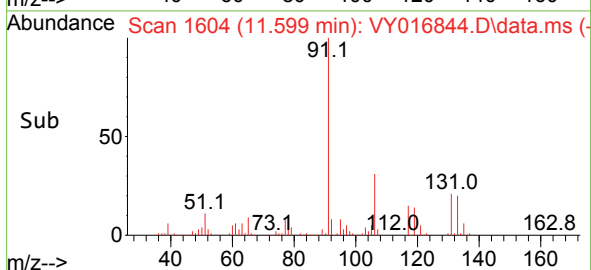
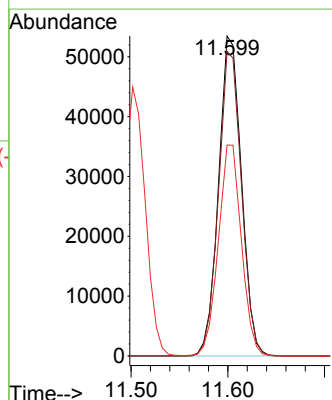
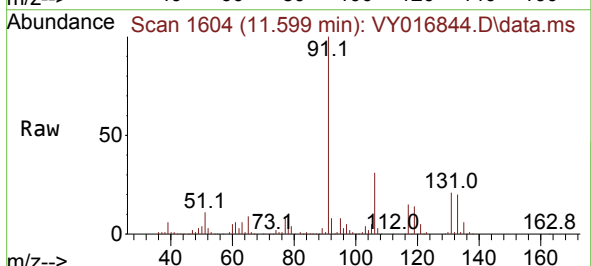
Tgt Ion:131 Resp: 87741

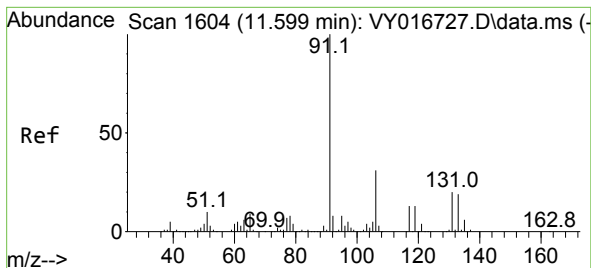
Ion Ratio Lower Upper

131 100

133 95.5 47.0 141.0

119 66.7 33.3 99.9





#67

Ethyl Benzene

Concen: 56.364 ug/l

RT: 11.605 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

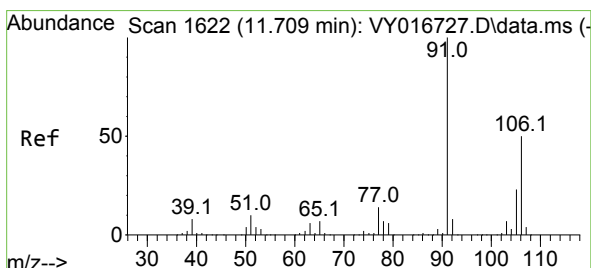
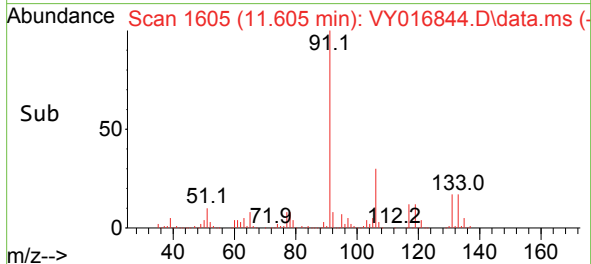
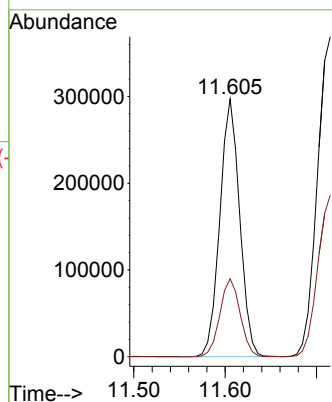
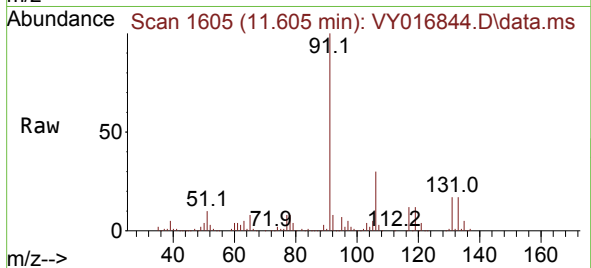
ClientSampleId :

Tgt Ion: 91 Resp: 447850

Ion Ratio Lower Upper

91 100

106 30.2 25.0 37.4



#68

m/p-Xylenes

Concen: 113.858 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY016844.D

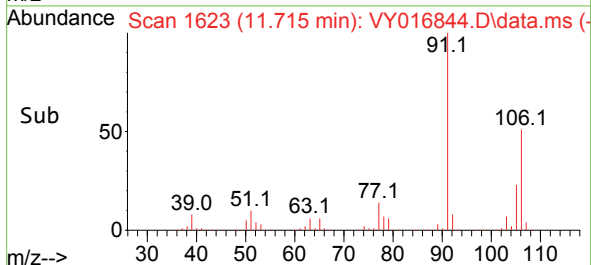
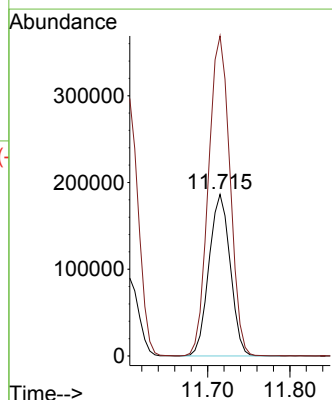
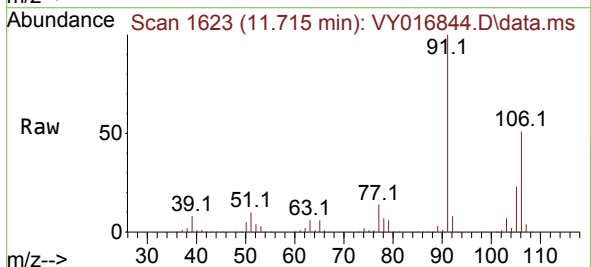
Acq: 26 Dec 2023 10:31

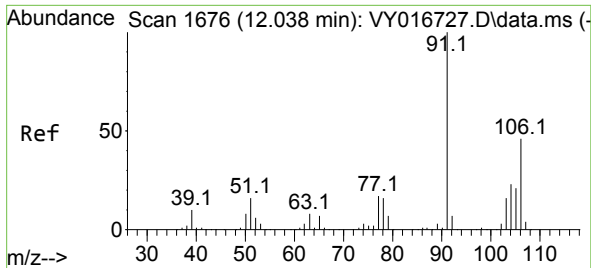
Tgt Ion:106 Resp: 334074

Ion Ratio Lower Upper

106 100

91 200.4 160.7 241.1

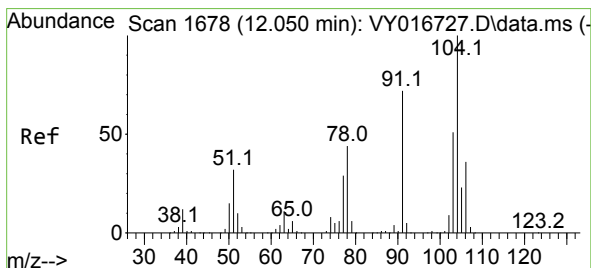
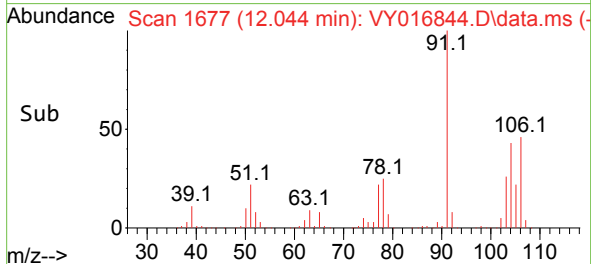
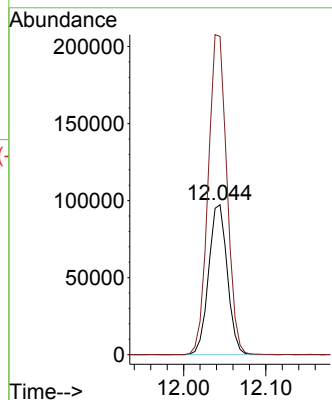
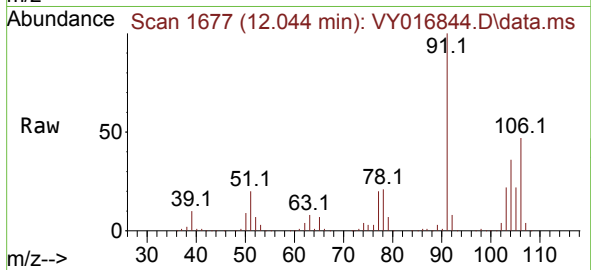




#69
o-Xylene
Concen: 56.975 ug/l
RT: 12.044 min Scan# 1676
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

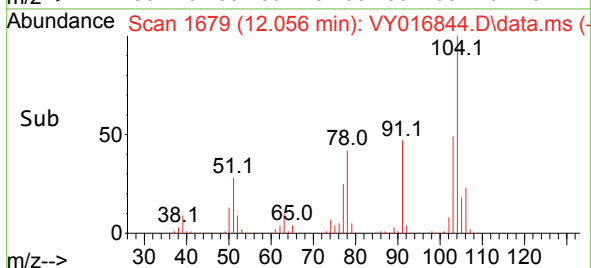
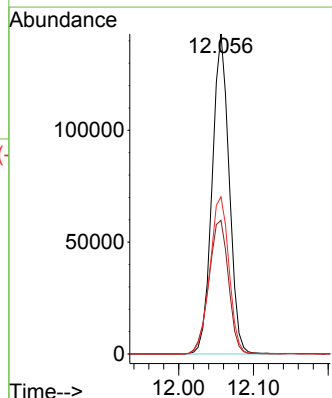
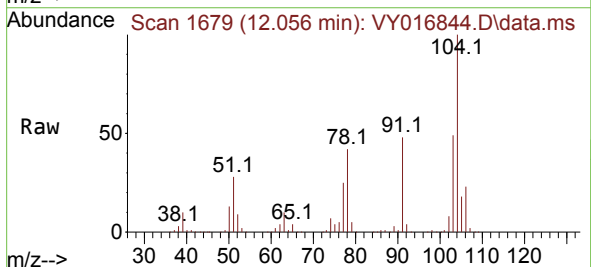
Instrument :
MSVOA_Y
ClientSampleId :

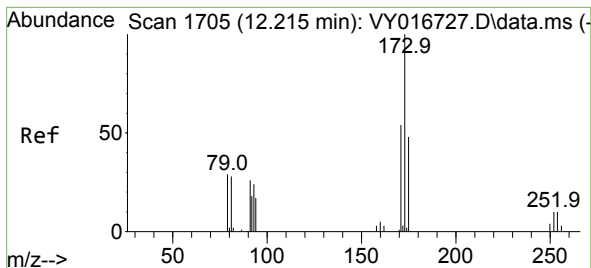
Tgt Ion:106 Resp: 153365
Ion Ratio Lower Upper
106 100
91 213.8 106.5 319.5



#70
Styrene
Concen: 56.744 ug/l
RT: 12.056 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion:104 Resp: 226019
Ion Ratio Lower Upper
104 100
78 48.4 39.2 58.8
103 55.3 43.8 65.6





#71

Bromoform

Concen: 51.419 ug/l

RT: 12.221 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

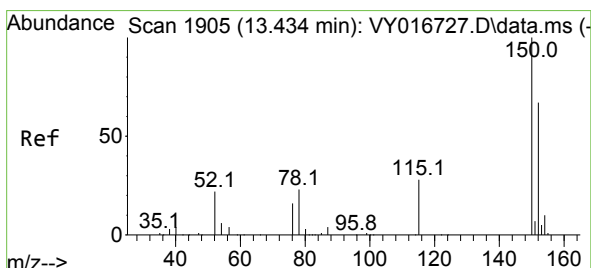
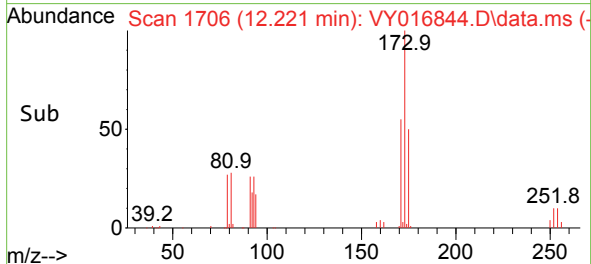
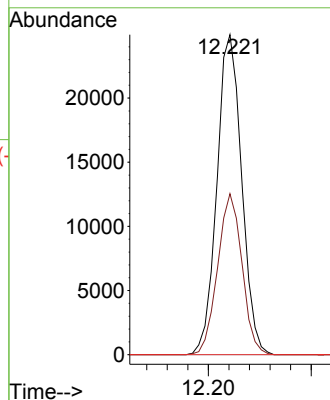
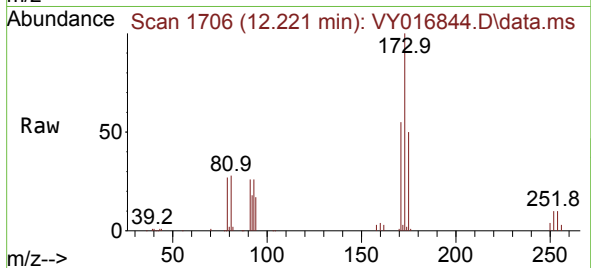
Tgt Ion:173 Resp: 41637

Ion Ratio Lower Upper

173 100

175 49.5 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. 0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

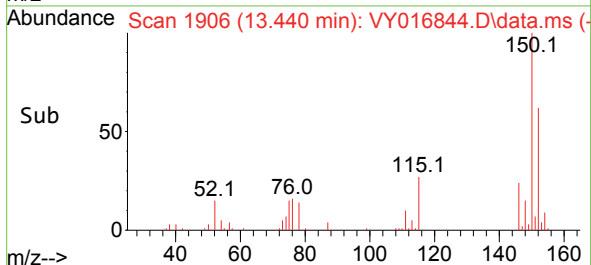
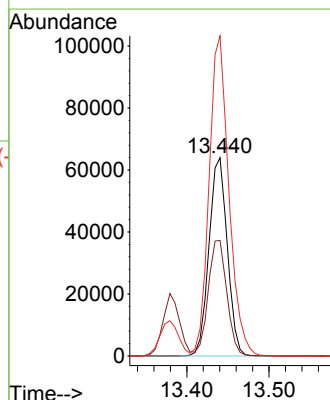
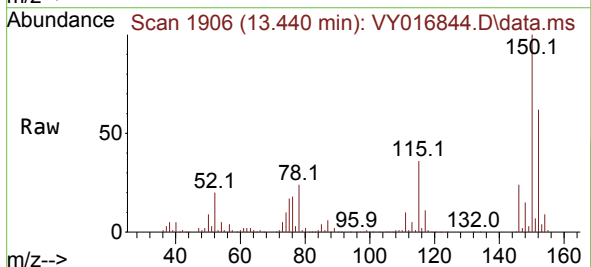
Tgt Ion:152 Resp: 98836

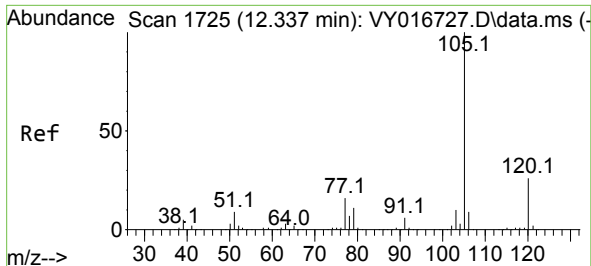
Ion Ratio Lower Upper

152 100

115 59.2 30.0 90.0

150 174.4 0.0 344.6

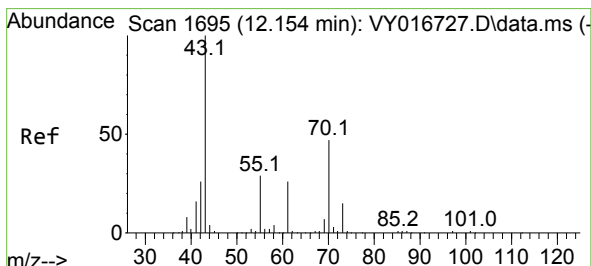
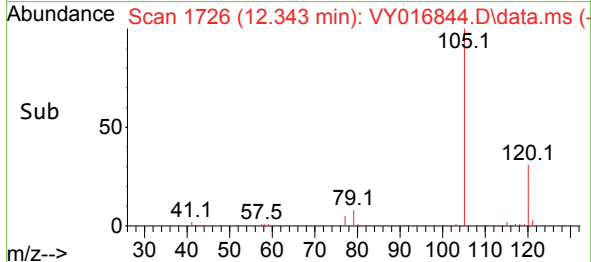
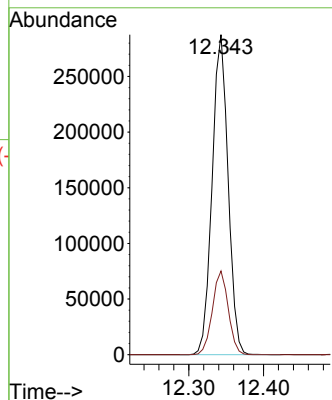
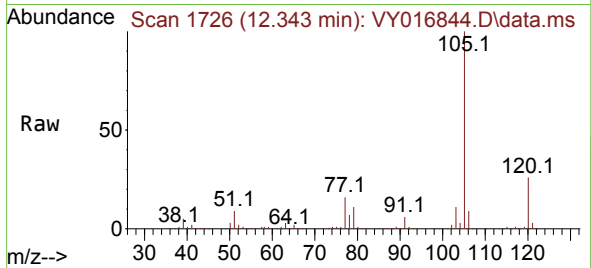




#73
Isopropylbenzene
Concen: 55.360 ug/l
RT: 12.343 min Scan# 1726
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

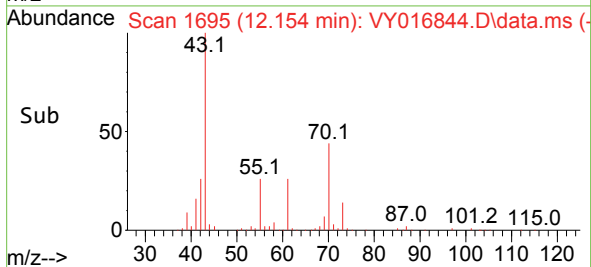
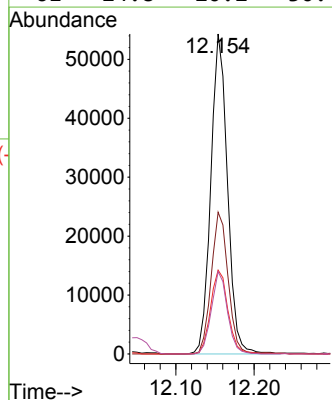
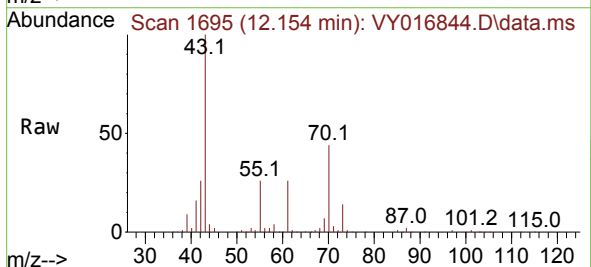
Instrument :
MSVOA_Y
ClientSampleId :

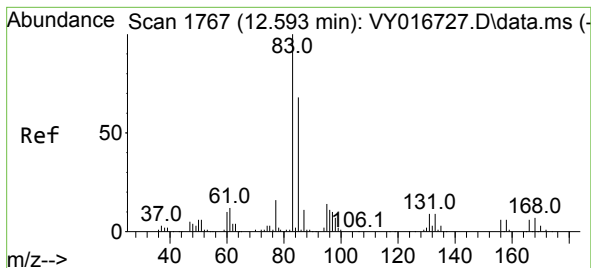
Tgt Ion:105 Resp: 426131
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 49.641 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 43 Resp: 80192
Ion Ratio Lower Upper
43 100
70 45.1 36.6 55.0
55 27.3 22.2 33.4
61 24.8 20.2 30.4

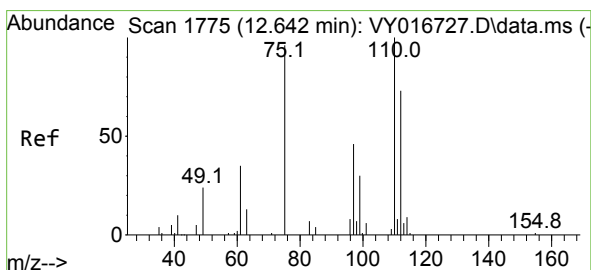
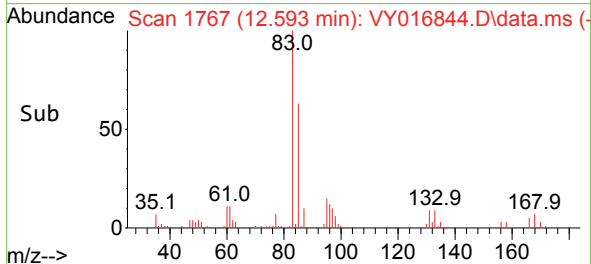
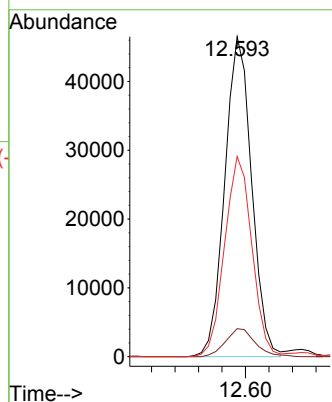
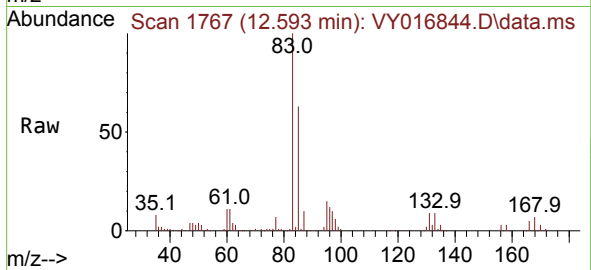




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.087 ug/l
 RT: 12.593 min Scan# 1767
 Delta R.T. 0.000 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31

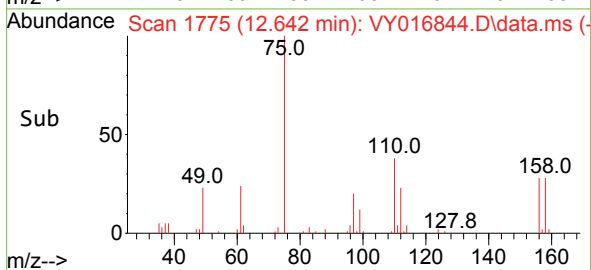
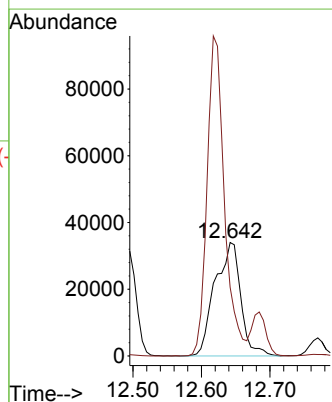
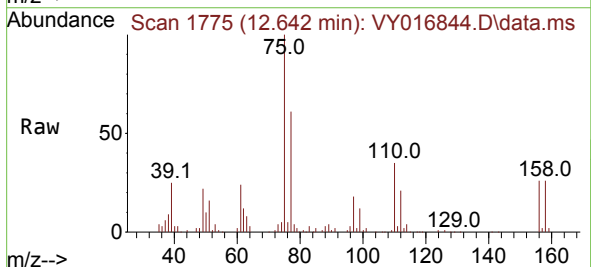
Instrument :
 MSVOA_Y
 ClientSampleId :

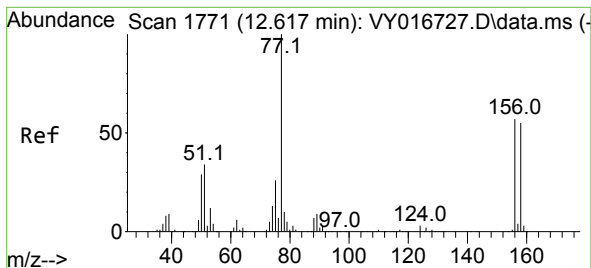
Tgt Ion: 83 Resp: 73968
 Ion Ratio Lower Upper
 83 100
 131 9.7 4.9 14.6
 85 63.6 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 81.384 ug/l
 RT: 12.642 min Scan# 1775
 Delta R.T. 0.000 min
 Lab File: VY016844.D
 Acq: 26 Dec 2023 10:31

Tgt Ion: 75 Resp: 88919
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 52.430 ug/l

RT: 12.623 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

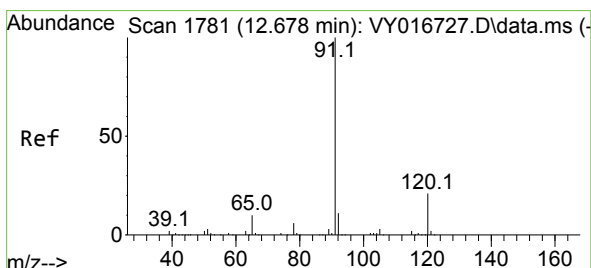
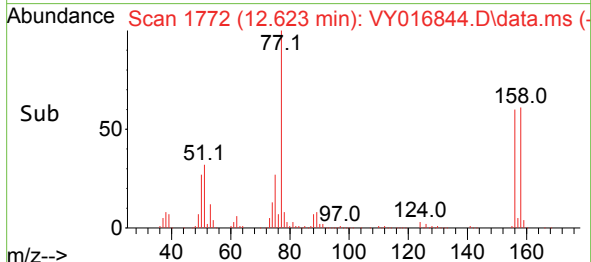
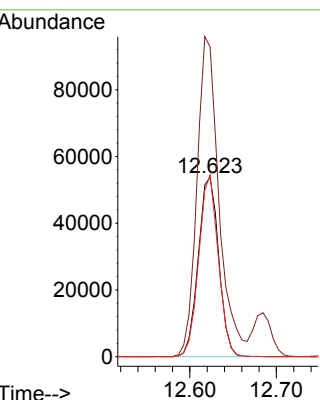
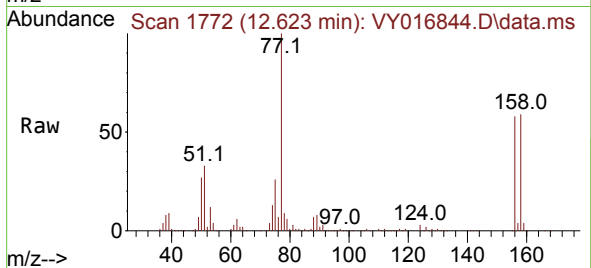
Tgt Ion:156 Resp: 88044

Ion Ratio Lower Upper

156 100

77 193.1 97.3 291.8

158 96.7 48.4 145.0



#78

n-propylbenzene

Concen: 55.633 ug/l

RT: 12.684 min Scan# 1782

Delta R.T. 0.006 min

Lab File: VY016844.D

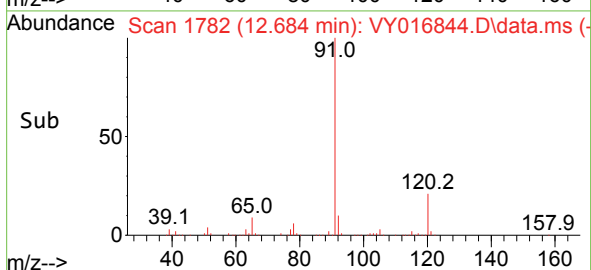
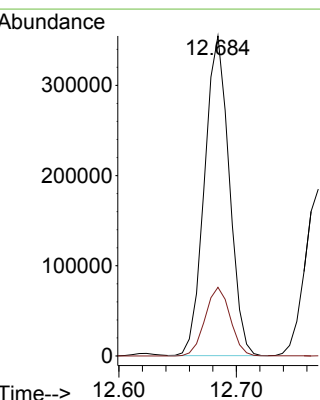
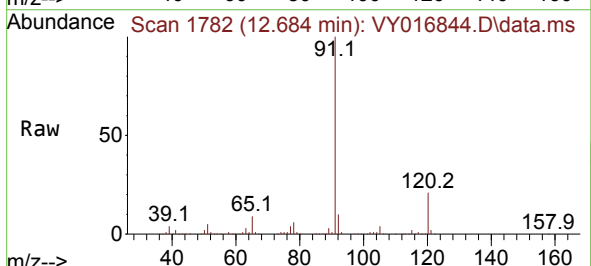
Acq: 26 Dec 2023 10:31

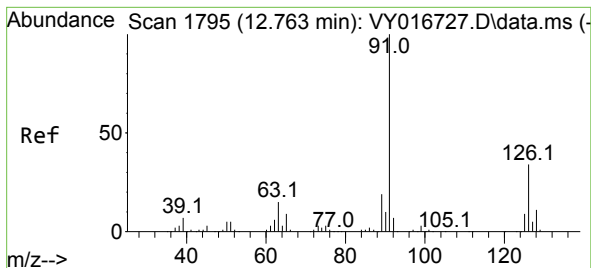
Tgt Ion: 91 Resp: 518842

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0





#79

2-Chlorotoluene

Concen: 53.943 ug/l

RT: 12.770 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

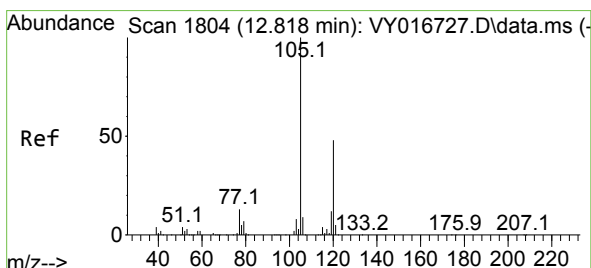
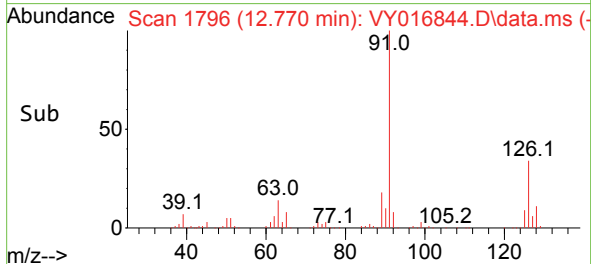
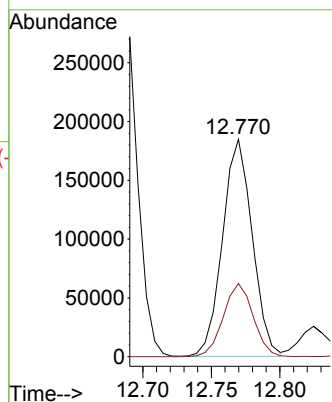
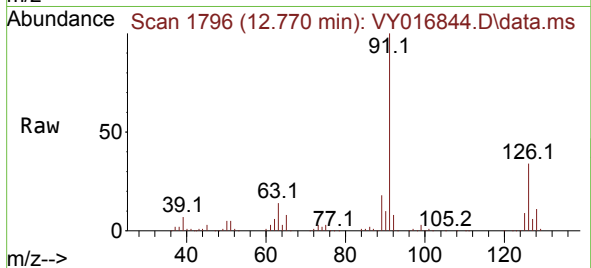
ClientSampleId :

Tgt Ion: 91 Resp: 278374

Ion Ratio Lower Upper

91 100

126 33.9 17.0 51.0



#80

1,3,5-Trimethylbenzene

Concen: 56.139 ug/l

RT: 12.825 min Scan# 1805

Delta R.T. 0.006 min

Lab File: VY016844.D

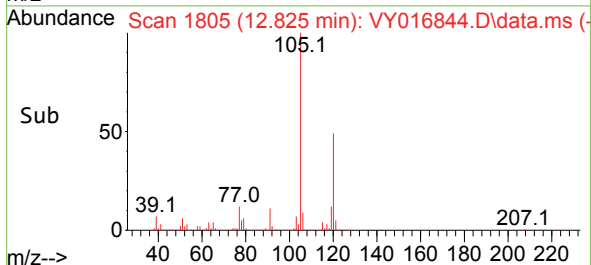
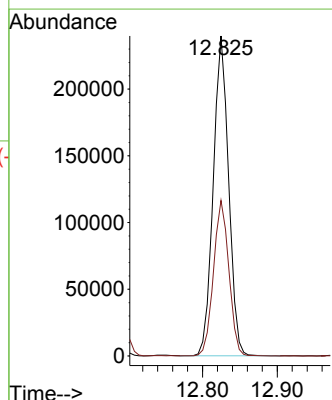
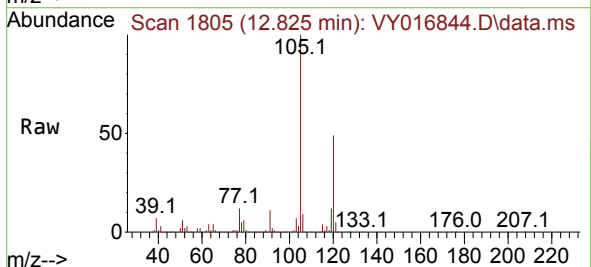
Acq: 26 Dec 2023 10:31

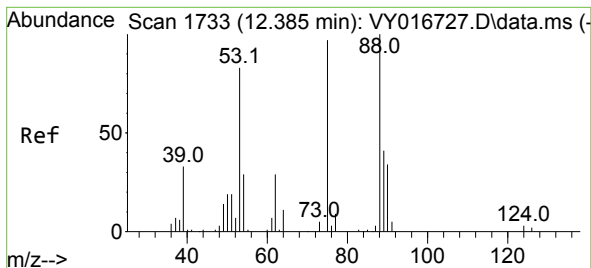
Tgt Ion:105 Resp: 342066

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8

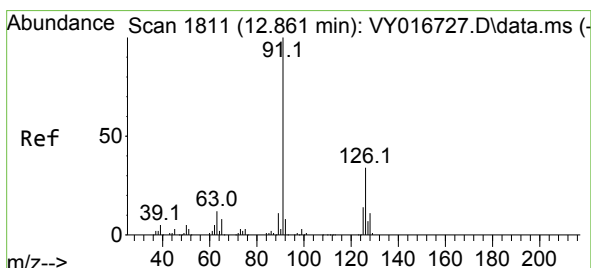
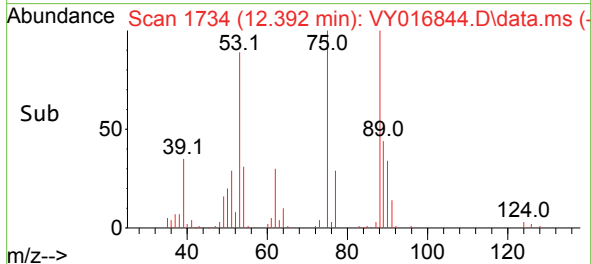
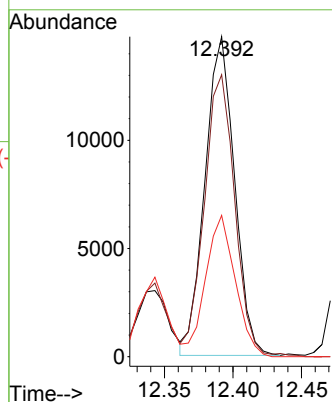
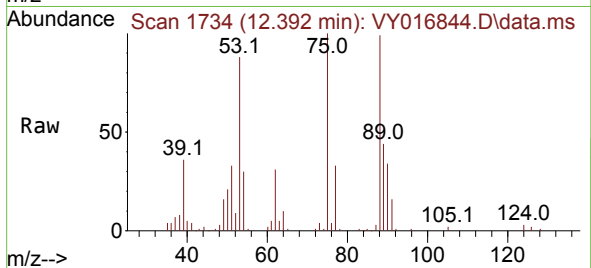




#81
trans-1,4-Dichloro-2-butene
Concen: 47.501 ug/l
RT: 12.392 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

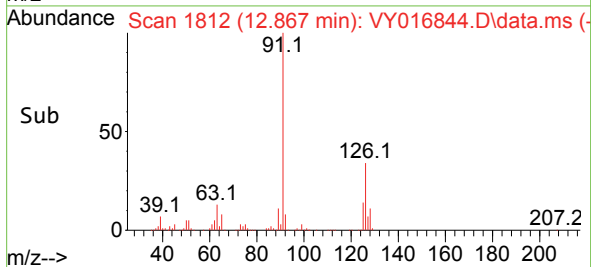
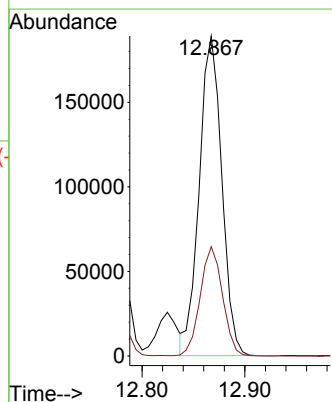
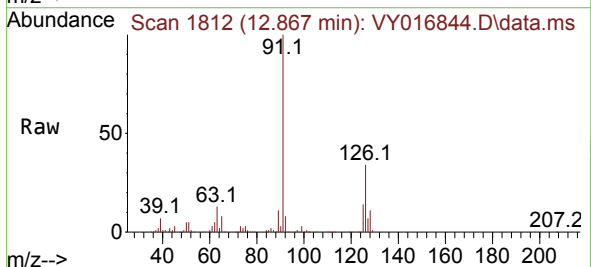
Instrument :
MSVOA_Y
ClientSampleId :

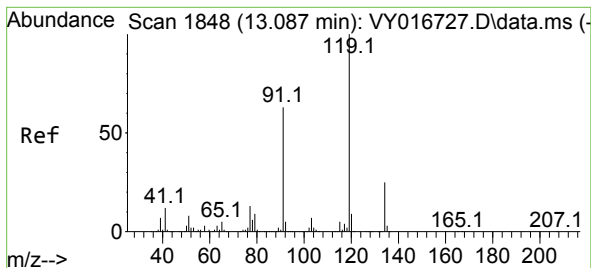
Tgt Ion: 75 Resp: 22099
Ion Ratio Lower Upper
75 100
53 91.6 74.0 111.0
89 44.8 36.5 54.7



#82
4-Chlorotoluene
Concen: 54.509 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 91 Resp: 288584
Ion Ratio Lower Upper
91 100
126 33.9 17.1 51.2





#83

tert-Butylbenzene

Concen: 56.084 ug/l

RT: 13.087 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

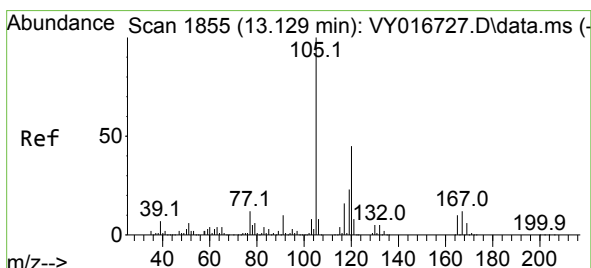
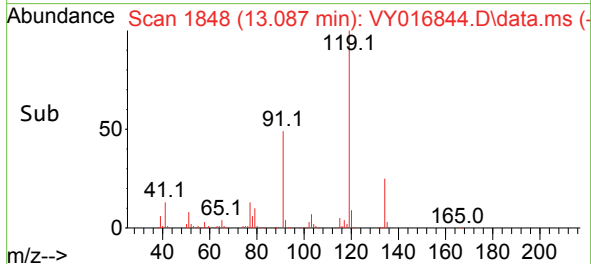
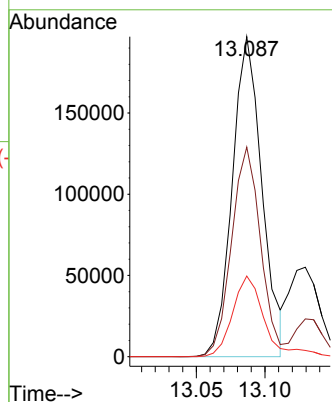
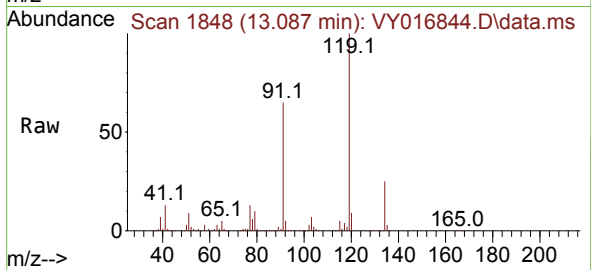
Tgt Ion:119 Resp: 297248

Ion Ratio Lower Upper

119 100

91 63.9 31.5 94.5

134 27.0 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 55.968 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY016844.D

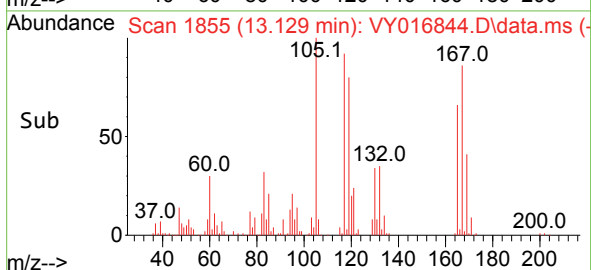
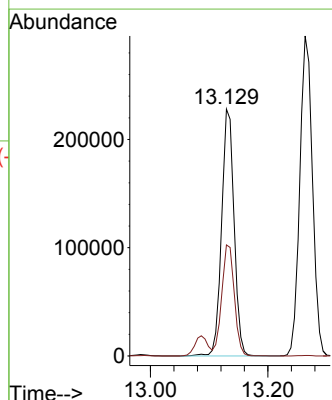
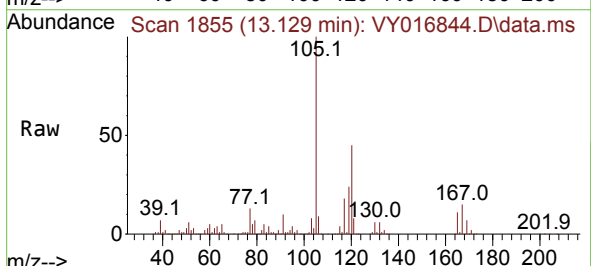
Acq: 26 Dec 2023 10:31

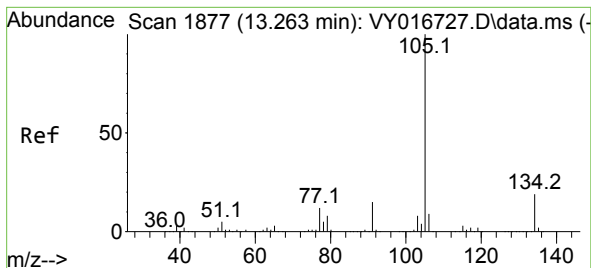
Tgt Ion:105 Resp: 336274

Ion Ratio Lower Upper

105 100

120 45.3 22.1 66.3





#85

sec-Butylbenzene

Concen: 56.417 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.000 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

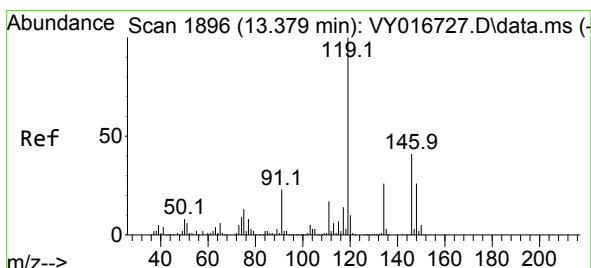
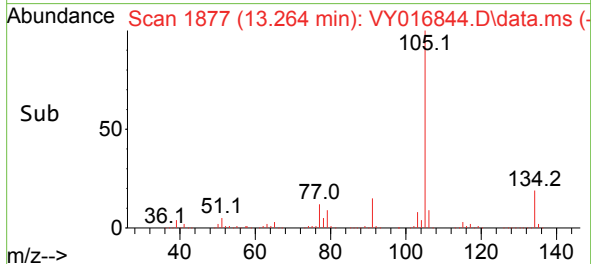
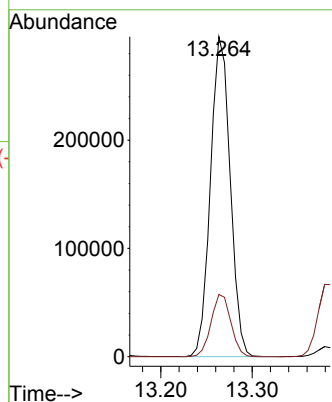
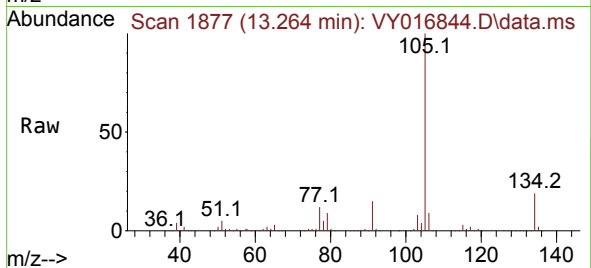
ClientSampleId :

Tgt Ion:105 Resp: 442891

Ion Ratio Lower Upper

105 100

134 19.5 9.7 28.9



#86

p-Isopropyltoluene

Concen: 57.387 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

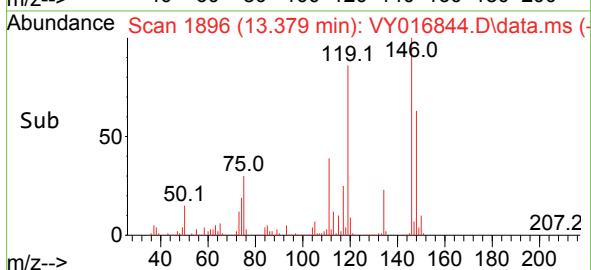
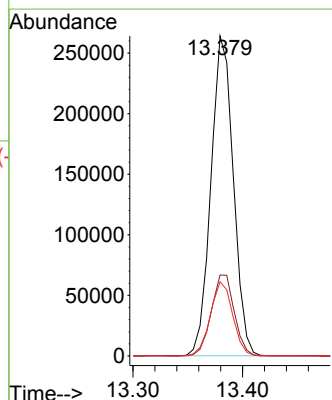
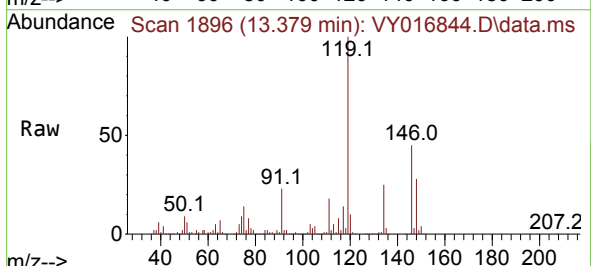
Tgt Ion:119 Resp: 375177

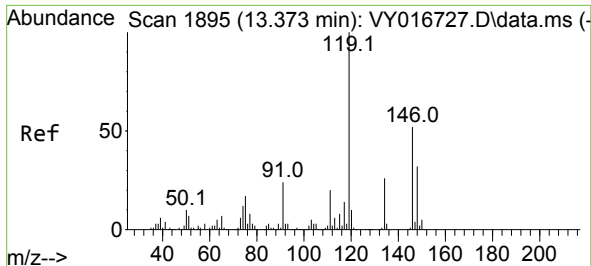
Ion Ratio Lower Upper

119 100

134 26.1 13.1 39.1

91 23.1 11.7 35.0

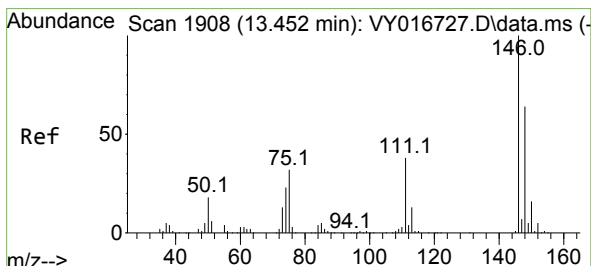
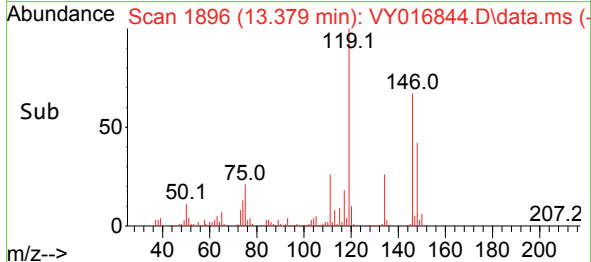
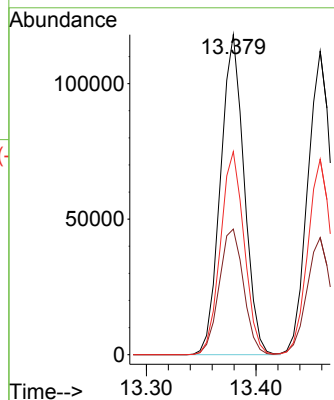
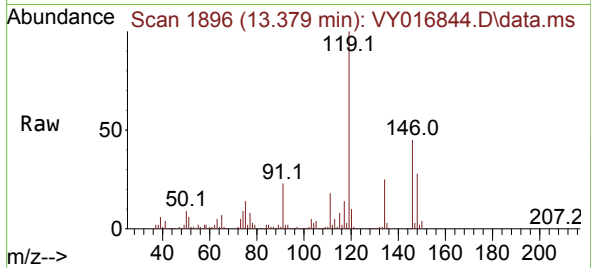




#87
1,3-Dichlorobenzene
Concen: 53.874 ug/l
RT: 13.379 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

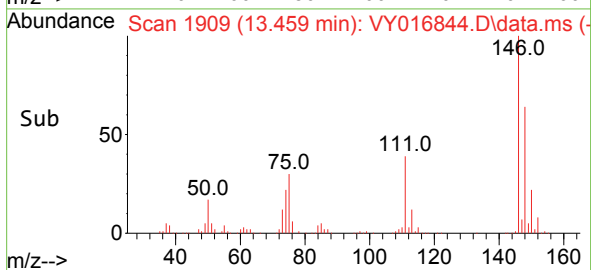
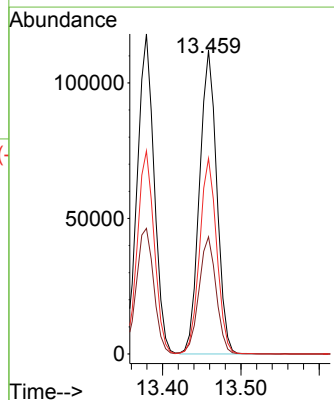
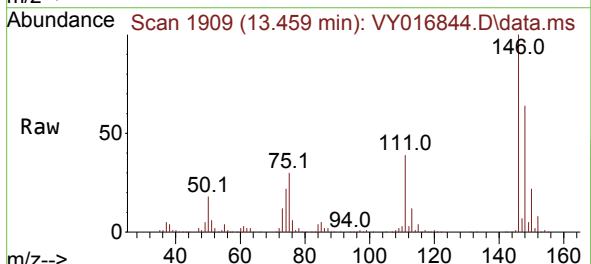
Instrument :
MSVOA_Y
ClientSampleId :

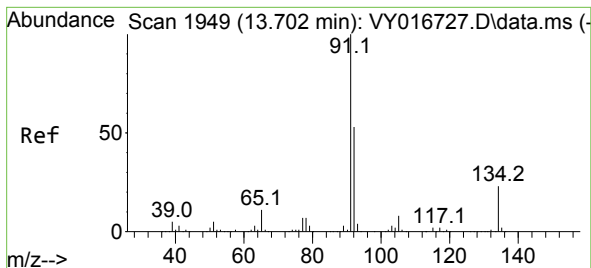
Tgt Ion:146 Resp: 176799
Ion Ratio Lower Upper
146 100
111 40.6 20.2 60.5
148 63.6 31.9 95.9



#88
1,4-Dichlorobenzene
Concen: 53.544 ug/l
RT: 13.459 min Scan# 1909
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion:146 Resp: 171583
Ion Ratio Lower Upper
146 100
111 38.6 19.3 57.9
148 63.8 31.6 94.7

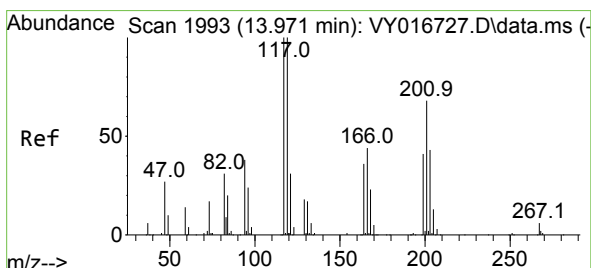
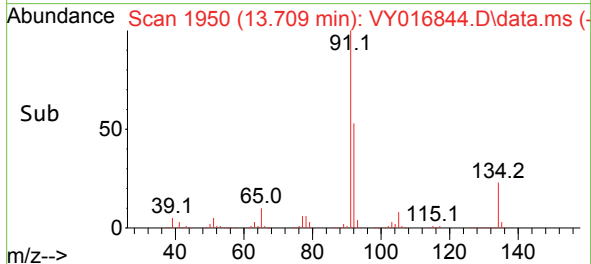
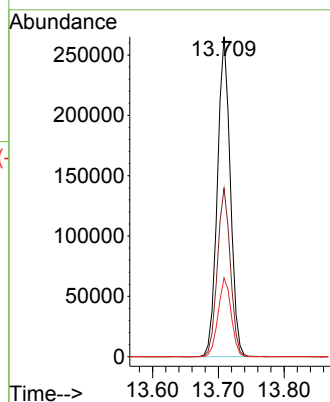
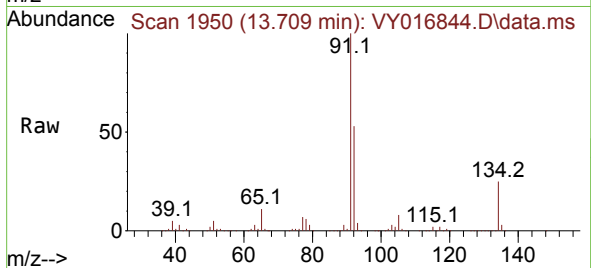




#89
n-Butylbenzene
Concen: 57.972 ug/l
RT: 13.709 min Scan# 1949
Delta R.T. 0.006 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

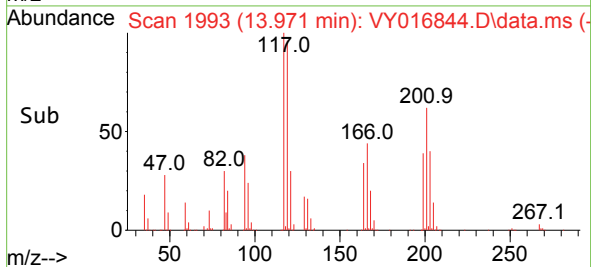
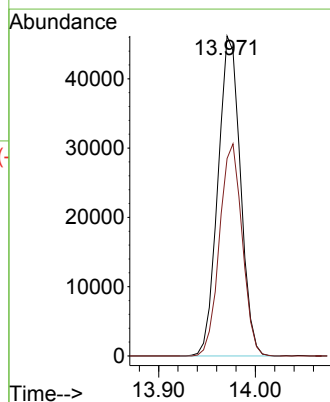
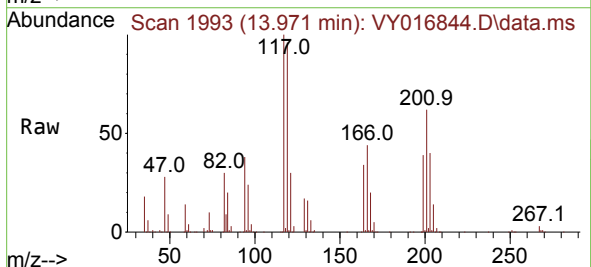
Instrument :
MSVOA_Y
ClientSampleId :

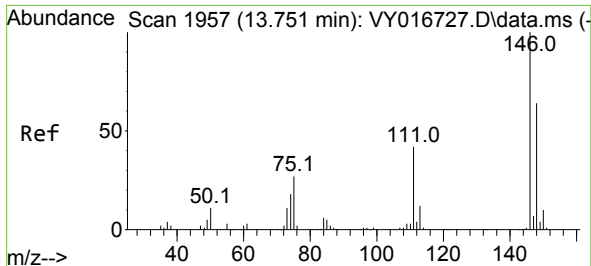
Tgt Ion: 91 Resp: 362299
Ion Ratio Lower Upper
91 100
92 52.7 26.4 79.2
134 24.9 12.3 36.8



#90
Hexachloroethane
Concen: 54.665 ug/l
RT: 13.971 min Scan# 1993
Delta R.T. 0.000 min
Lab File: VY016844.D
Acq: 26 Dec 2023 10:31

Tgt Ion: 117 Resp: 74418
Ion Ratio Lower Upper
117 100
201 66.8 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 53.386 ug/l

RT: 13.751 min Scan# 1957

Delta R.T. 0.000 min

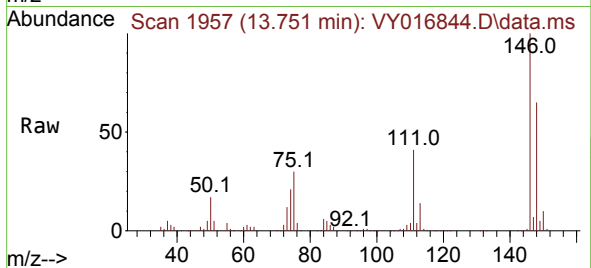
Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :



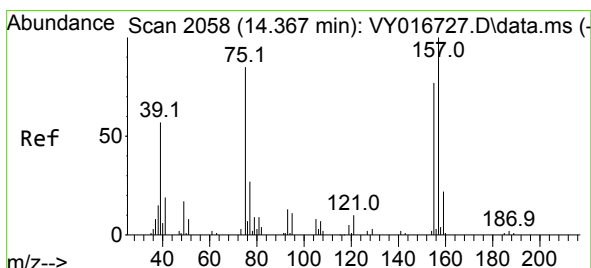
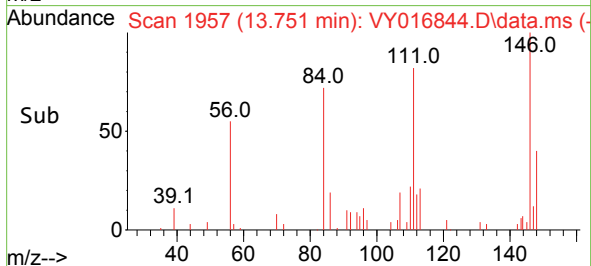
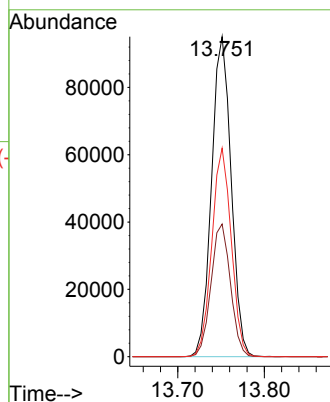
Tgt Ion:146 Resp: 149256

Ion Ratio Lower Upper

146 100

111 41.2 20.5 61.6

148 64.6 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 47.509 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

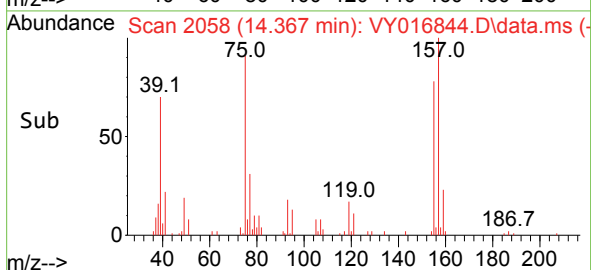
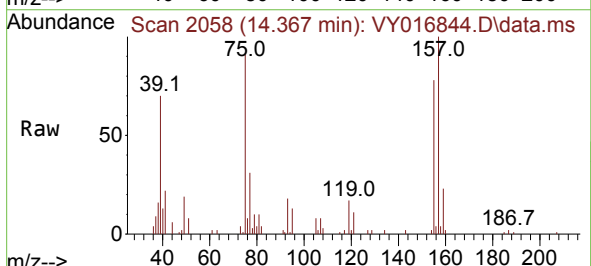
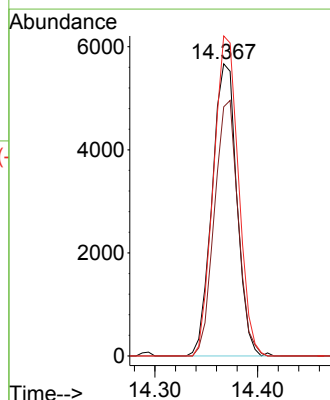
Tgt Ion: 75 Resp: 9473

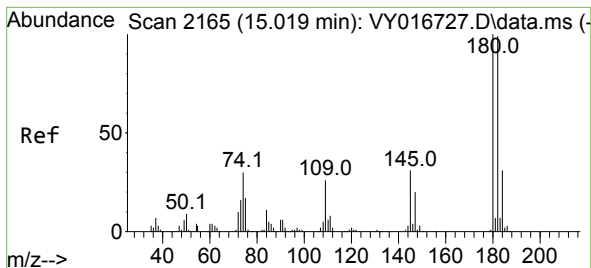
Ion Ratio Lower Upper

75 100

155 83.7 42.1 126.3

157 110.2 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 56.539 ug/l

RT: 15.019 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

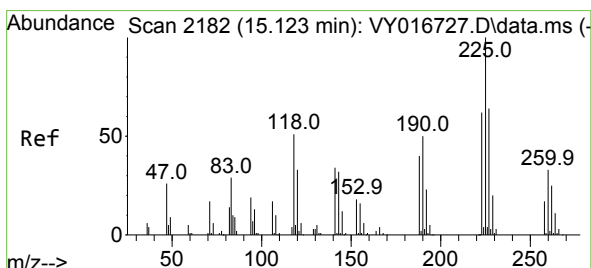
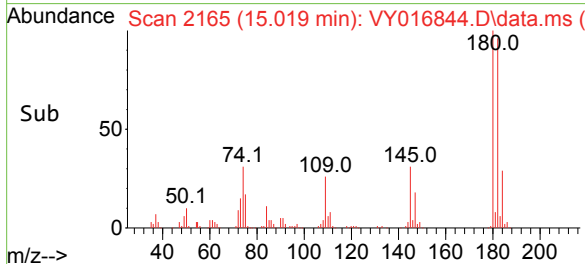
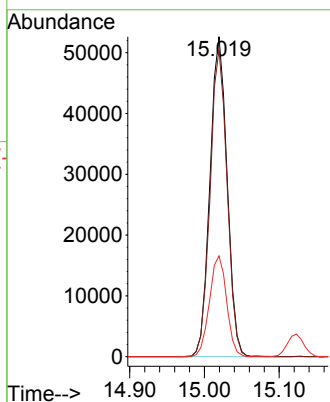
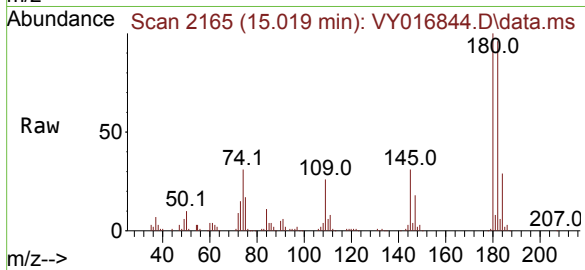
Tgt Ion:180 Resp: 83874

Ion Ratio Lower Upper

180 100

182 94.9 47.9 143.7

145 31.4 15.9 47.7



#94

Hexachlorobutadiene

Concen: 59.382 ug/l

RT: 15.123 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

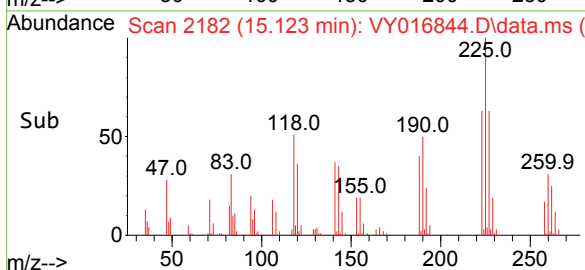
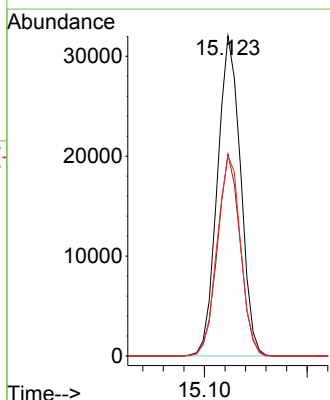
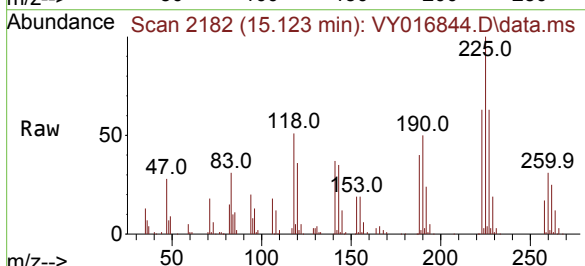
Tgt Ion:225 Resp: 50034

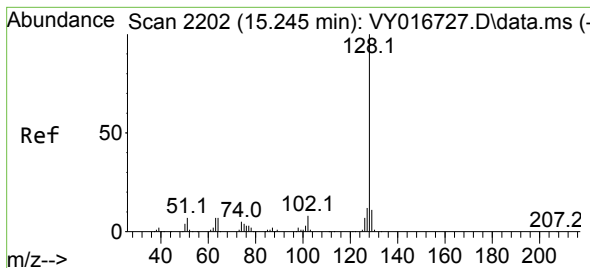
Ion Ratio Lower Upper

225 100

223 61.9 31.4 94.3

227 63.3 32.3 96.8





#95

Naphthalene

Concen: 47.315 ug/l

RT: 15.251 min Scan# 2203

Delta R.T. 0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Instrument :

MSVOA_Y

ClientSampleId :

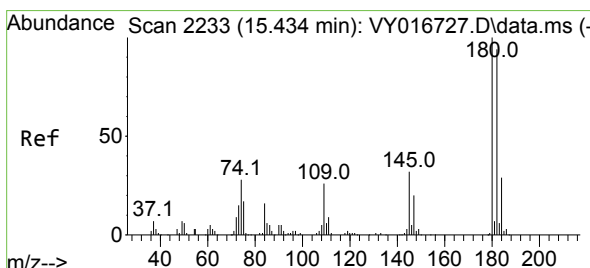
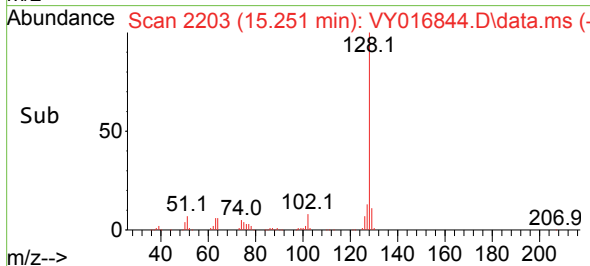
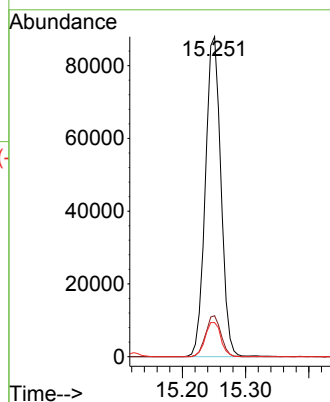
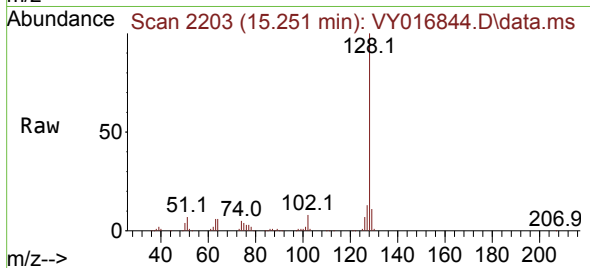
Tgt Ion:128 Resp: 150435

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 55.560 ug/l

RT: 15.440 min Scan# 2234

Delta R.T. 0.006 min

Lab File: VY016844.D

Acq: 26 Dec 2023 10:31

Tgt Ion:180 Resp: 70196

Ion Ratio Lower Upper

180 100

182 94.6 46.3 138.8

145 33.0 16.1 48.2

