

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081524\
 Data File : VY019073.D
 Acq On : 15 Aug 2024 18:37
 Operator : SY/MD
 Sample : VSTDIC020
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 16 04:57:38 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 04:48:12 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.695	168	123470	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.603	114	199617	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	172380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	85159	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.049	65	25761	20.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.620%#
35) Dibromofluoromethane	7.616	113	26361	20.197	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	40.400%#
50) Toluene-d8	10.103	98	95533	20.339	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	40.680%#
62) 4-Bromofluorobenzene	12.401	95	31705	19.801	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	39.600%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	20127	22.218	ug/l	98
3) Chloromethane	2.062	50	33074	20.256	ug/l	93
4) Vinyl Chloride	2.196	62	41534	20.593	ug/l	98
5) Bromomethane	2.574	94	28003	19.084	ug/l	96
6) Chloroethane	2.720	64	25991	18.990	ug/l	99
7) Trichlorofluoromethane	3.043	101	63635	20.869	ug/l	92
8) Diethyl Ether	3.446	74	13284	20.183	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.799	101	26987	19.908	ug/l	95
10) Methyl Iodide	3.988	142	26721	20.110	ug/l	94
11) Tert butyl alcohol	4.842	59	14706	117.467	ug/l	99
12) 1,1-Dichloroethene	3.769	96	23992	19.480	ug/l	93
13) Acrolein	3.635	56	11556	113.563	ug/l	97
14) Allyl chloride	4.366	41	31310	19.121	ug/l	89
15) Acrylonitrile	5.043	53	27860	103.448	ug/l	97
16) Acetone	3.860	43	22447	97.794	ug/l	89
17) Carbon Disulfide	4.086	76	67620	19.466	ug/l	100
18) Methyl Acetate	4.366	43	14222	20.188	ug/l	96
19) Methyl tert-butyl Ether	5.098	73	60297	20.194	ug/l	99
20) Methylene Chloride	4.598	84	35467	18.422	ug/l	93
21) trans-1,2-Dichloroethene	5.092	96	26772	19.457	ug/l	96
22) Diisopropyl ether	6.000	45	74742	19.939	ug/l #	89
23) Vinyl Acetate	5.939	43	296382	99.865	ug/l	99
24) 1,1-Dichloroethane	5.897	63	45380	19.795	ug/l	98
25) 2-Butanone	6.878	43	36863	99.722	ug/l	99
26) 2,2-Dichloropropane	6.866	77	36012	19.399	ug/l	100
27) cis-1,2-Dichloroethene	6.872	96	32367	19.988	ug/l	99
28) Bromochloromethane	7.232	49	19925	20.720	ug/l	97
29) Tetrahydrofuran	7.250	42	24805	104.387	ug/l	94
30) Chloroform	7.402	83	51810	20.282	ug/l	98
31) Cyclohexane	7.683	56	38894	19.345	ug/l	94
32) 1,1,1-Trichloroethane	7.597	97	44810	19.961	ug/l	98
36) 1,1-Dichloropropene	7.823	75	35021	19.540	ug/l	100
37) Ethyl Acetate	6.963	43	15209	19.153	ug/l #	95
38) Carbon Tetrachloride	7.805	117	40890	19.686	ug/l	96
39) Methylcyclohexane	9.097	83	44673	19.423	ug/l	97
40) Benzene	8.067	78	109503	19.921	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.244	41	12775	31.114	ug/l #	37
42) 1,2-Dichloroethane	8.146	62	28902	19.471	ug/l	100
43) Isopropyl Acetate	8.189	43	33033	20.569	ug/l #	84
44) Trichloroethene	8.853	130	30592	19.945	ug/l	100
45) 1,2-Dichloropropane	9.134	63	24874	20.310	ug/l	100
46) Dibromomethane	9.219	93	15914	20.034	ug/l	97
47) Bromodichloromethane	9.414	83	39508	20.273	ug/l	98
48) Methyl methacrylate	9.213	41	14220	19.869	ug/l #	90
49) 1,4-Dioxane	9.213	88	3484	362.071	ug/l #	90
51) 4-Methyl-2-Pentanone	9.993	43	83784	98.297	ug/l	94
52) Toluene	10.164	92	70310	19.486	ug/l	97
53) t-1,3-Dichloropropene	10.390	75	31464	19.463	ug/l	98
54) cis-1,3-Dichloropropene	9.847	75	38163	19.629	ug/l #	89
55) 1,1,2-Trichloroethane	10.566	97	21232	20.763	ug/l	95
56) Ethyl methacrylate	10.432	69	26560	19.843	ug/l #	88
57) 1,3-Dichloropropane	10.713	76	33810	20.282	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.701	63	64332	101.315	ug/l	100
59) 2-Hexanone	10.755	43	58823	100.451	ug/l	89
60) Dibromochloromethane	10.902	129	28149	20.211	ug/l	95
61) 1,2-Dibromoethane	11.011	107	20125	20.362	ug/l	99
64) Tetrachloroethene	10.640	164	30135	20.000	ug/l	94
65) Chlorobenzene	11.438	112	77941	19.636	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.511	131	27457	19.670	ug/l	99
67) Ethyl Benzene	11.517	91	133275	19.345	ug/l	95
68) m/p-Xylenes	11.627	106	107159	39.201	ug/l	98
69) o-Xylene	11.950	106	49270	19.463	ug/l	97
70) Styrene	11.969	104	85087	19.710	ug/l	98
71) Bromoform	12.127	173	15562	19.503	ug/l #	98
73) Isopropylbenzene	12.249	105	128550	19.695	ug/l	99
74) N-amyl acetate	12.072	43	28592	20.089	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.505	83	23149	19.922	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	28910	35.742	ug/l #	100
77) Bromobenzene	12.529	156	31230	19.923	ug/l	96
78) n-propylbenzene	12.590	91	153094	19.621	ug/l	100
79) 2-Chlorotoluene	12.676	91	85953	19.649	ug/l	97
80) 1,3,5-Trimethylbenzene	12.737	105	106288	19.989	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	6624	19.479	ug/l	87
82) 4-Chlorotoluene	12.773	91	89551	19.677	ug/l	97
83) tert-Butylbenzene	12.993	119	98562	20.072	ug/l	99
84) 1,2,4-Trimethylbenzene	13.042	105	106207	20.041	ug/l	100
85) sec-Butylbenzene	13.176	105	143188	20.010	ug/l	99
86) p-Isopropyltoluene	13.292	119	116101	19.753	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	59624	19.287	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	61144	19.898	ug/l	99
89) n-Butylbenzene	13.615	91	109323	20.401	ug/l	99
90) Hexachloroethane	13.877	117	23610	20.380	ug/l	95
91) 1,2-Dichlorobenzene	13.657	146	54747	20.136	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.273	75	3558	20.814	ug/l	91
93) 1,2,4-Trichlorobenzene	14.919	180	30630	19.977	ug/l	97
94) Hexachlorobutadiene	15.023	225	14614	18.299	ug/l	99
95) Naphthalene	15.145	128	50554	18.474	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	24362	18.839	ug/l	98

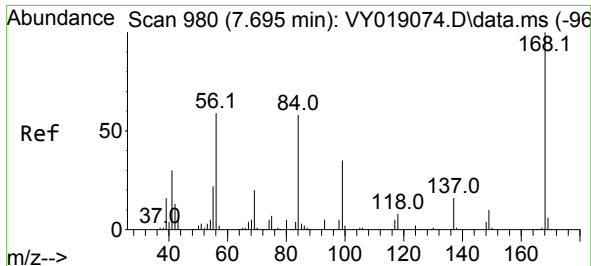
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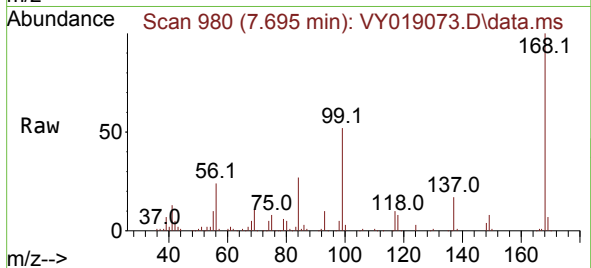
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

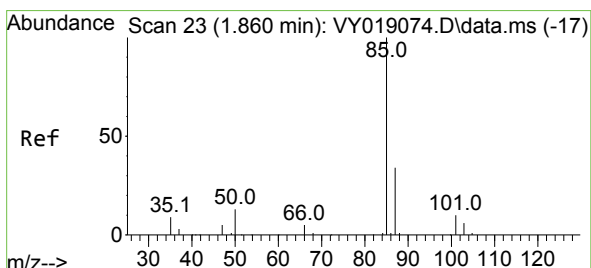
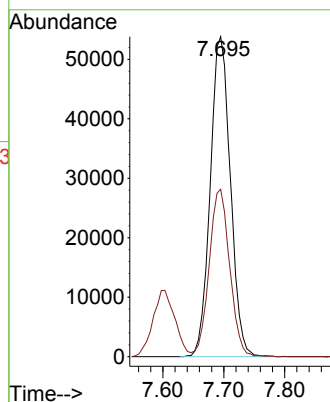
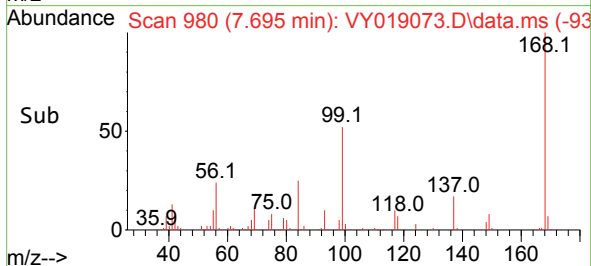


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.695 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Instrument :
MSVOA_Y
ClientSampleId :

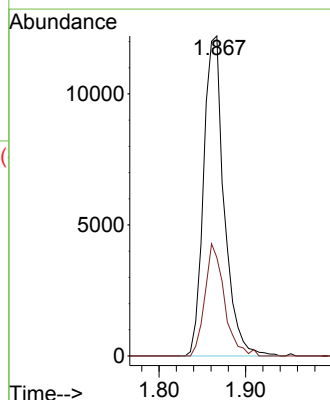
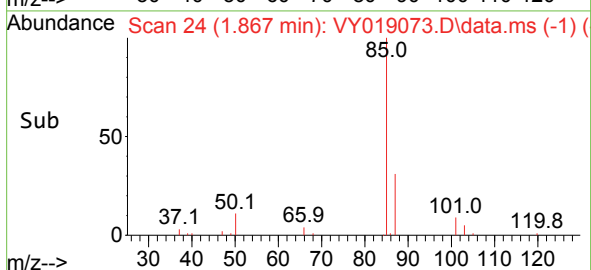
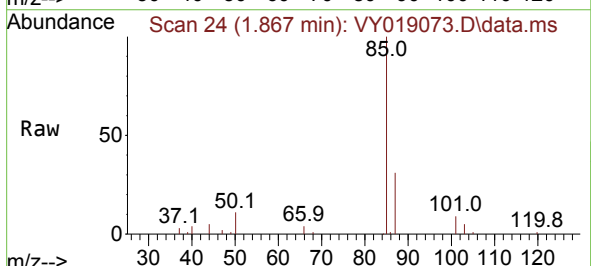


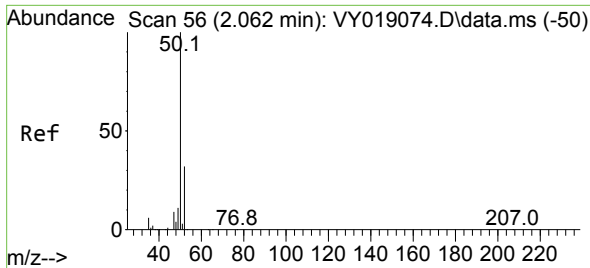
Tgt Ion:168 Resp: 123470
Ion Ratio Lower Upper
168 100
99 52.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 22.218 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 85 Resp: 20127
Ion Ratio Lower Upper
85 100
87 30.7 16.0 48.0

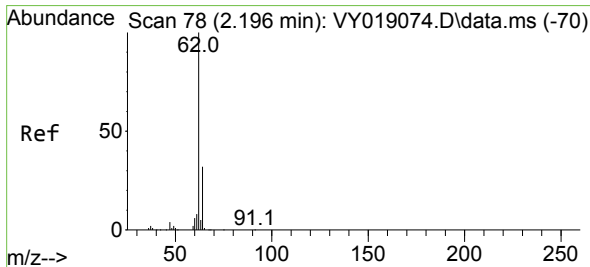
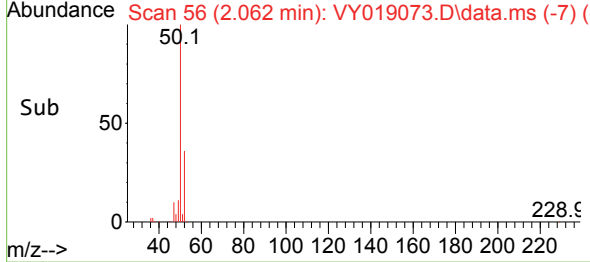
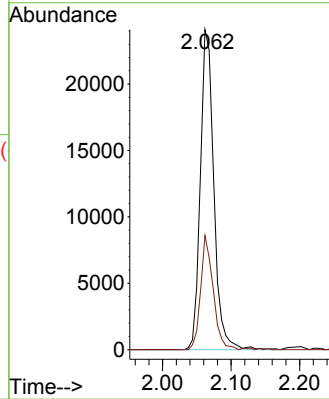
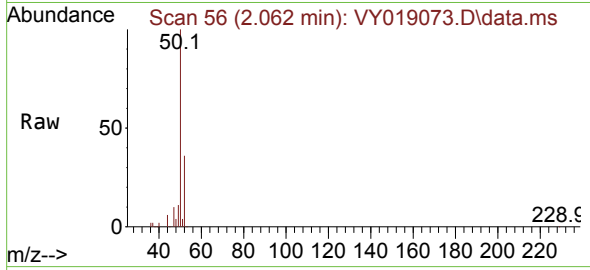




#3
Chloromethane
Concen: 20.256 ug/l
RT: 2.062 min Scan# 50
Delta R.T. -0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

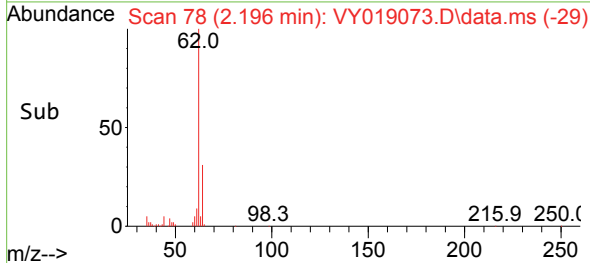
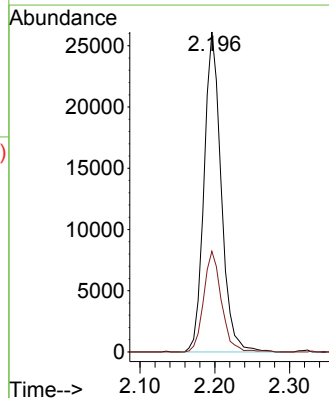
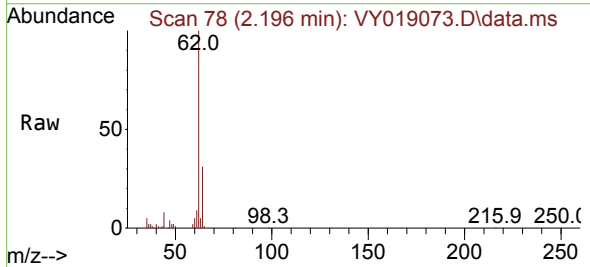
Instrument :
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ClientSampleId :

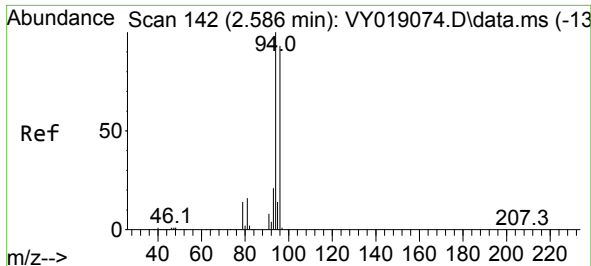
Tgt Ion: 50 Resp: 33074
Ion Ratio Lower Upper
50 100
52 35.7 25.6 38.4



#4
Vinyl Chloride
Concen: 20.593 ug/l
RT: 2.196 min Scan# 78
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 62 Resp: 41534
Ion Ratio Lower Upper
62 100
64 31.5 26.1 39.1

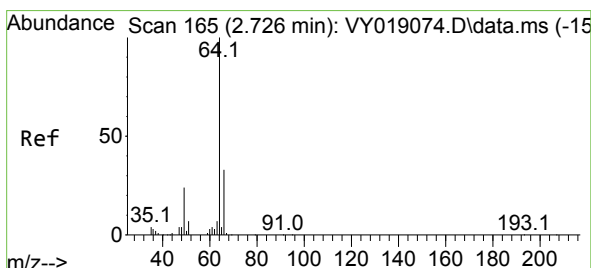
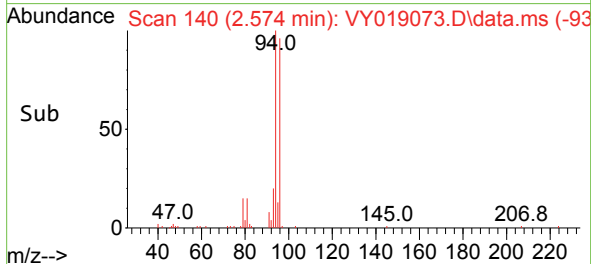
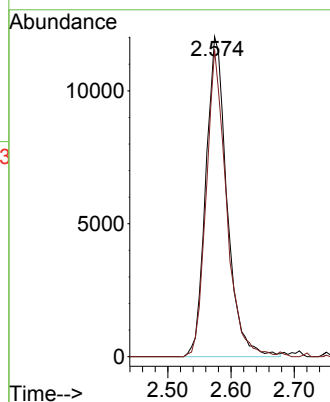
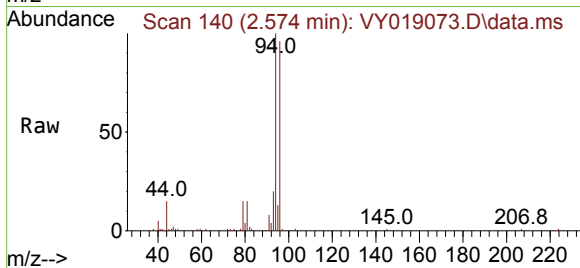




#5
Bromomethane
Concen: 19.084 ug/l
RT: 2.574 min Scan# 14
Delta R.T. -0.012 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

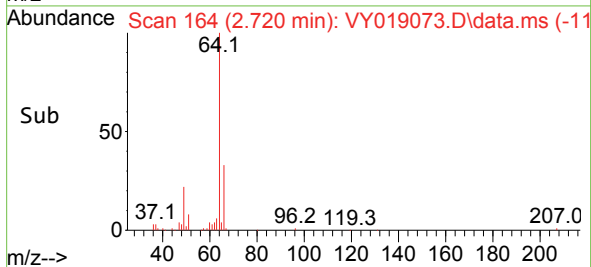
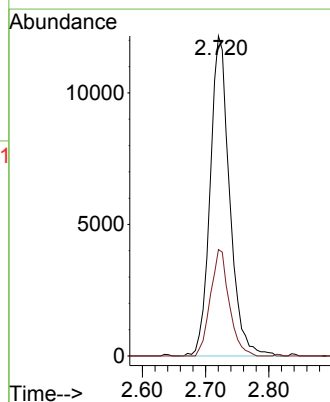
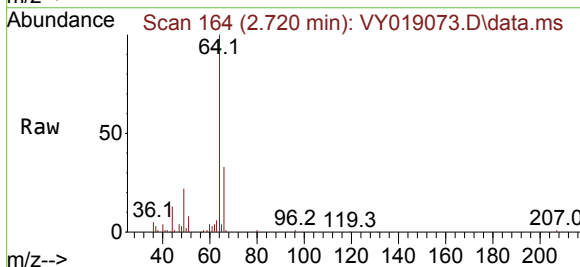
Instrument :
MSVOA_Y
ClientSampleId :

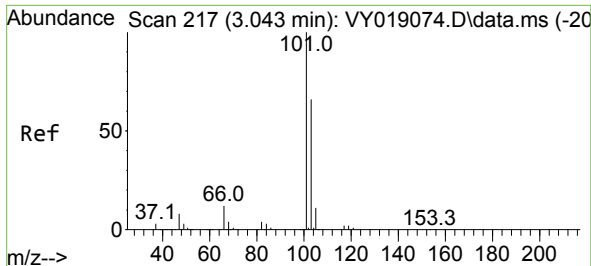
Tgt Ion: 94 Resp: 28003
Ion Ratio Lower Upper
94 100
96 96.0 74.1 111.1



#6
Chloroethane
Concen: 18.990 ug/l
RT: 2.720 min Scan# 164
Delta R.T. -0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 64 Resp: 25991
Ion Ratio Lower Upper
64 100
66 33.2 26.1 39.1

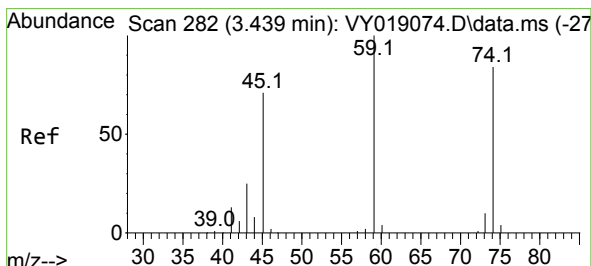
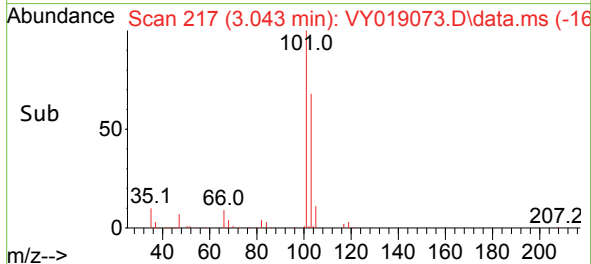
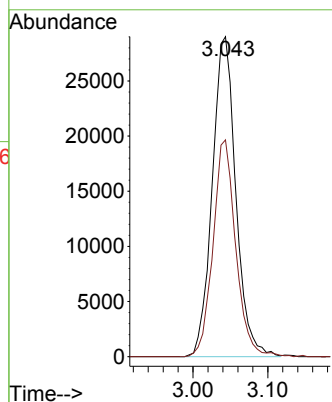
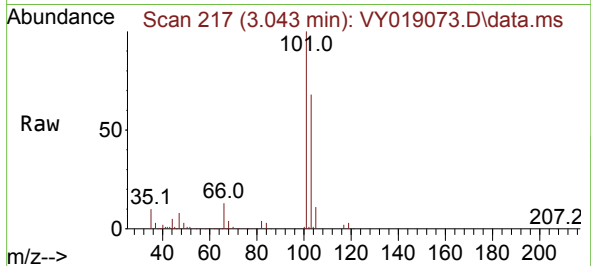




#7
 Trichlorofluoromethane
 Concen: 20.869 ug/l
 RT: 3.043 min Scan# 217
 Delta R.T. 0.000 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

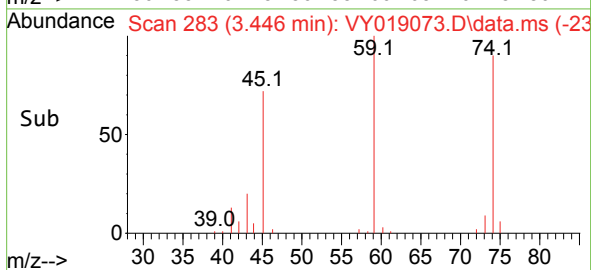
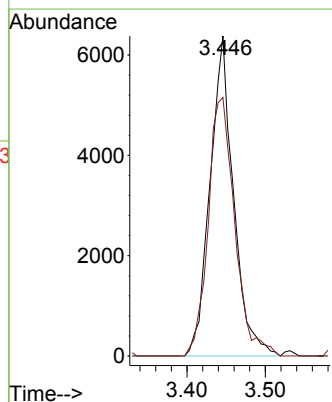
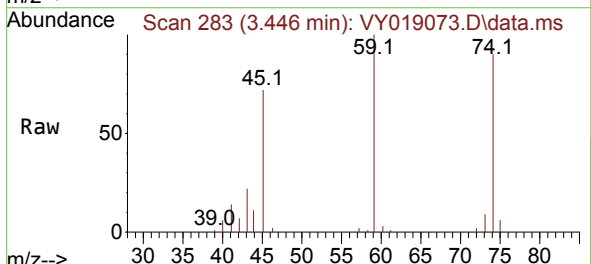
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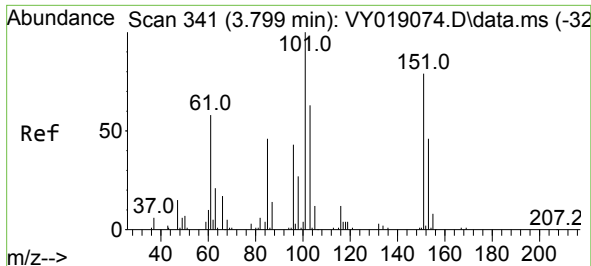
Tgt Ion:101 Resp: 63635
 Ion Ratio Lower Upper
 101 100
 103 67.7 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.183 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

Tgt Ion: 74 Resp: 13284
 Ion Ratio Lower Upper
 74 100
 45 91.7 41.3 124.1

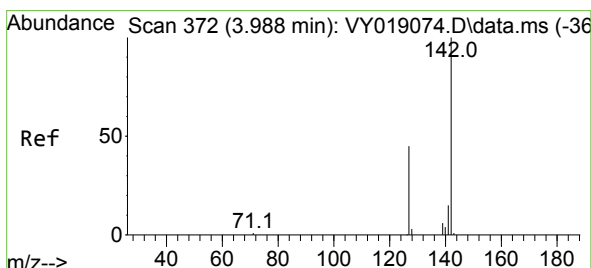
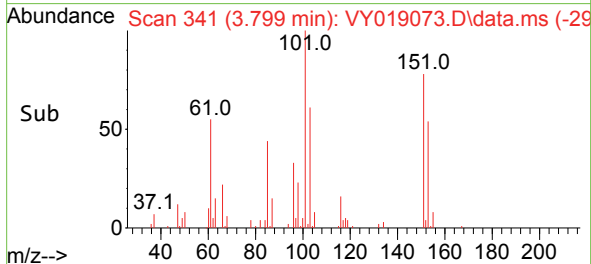
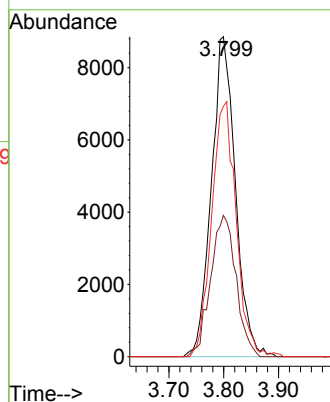
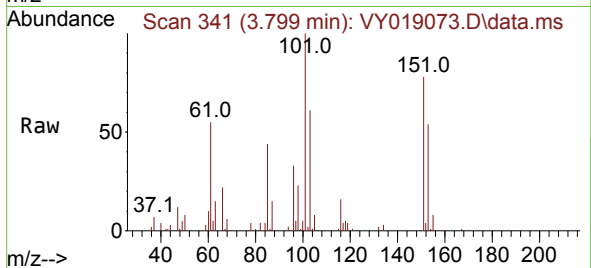




#9
1,1,2-Trichlorotrifluoroethane
Concen: 19.908 ug/l
RT: 3.799 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

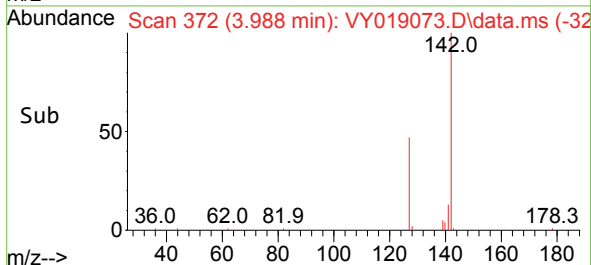
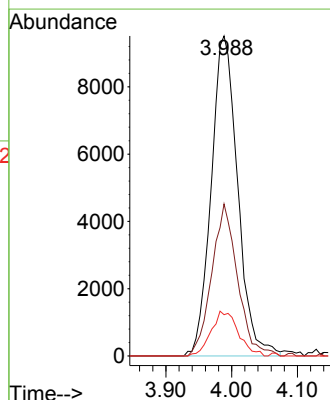
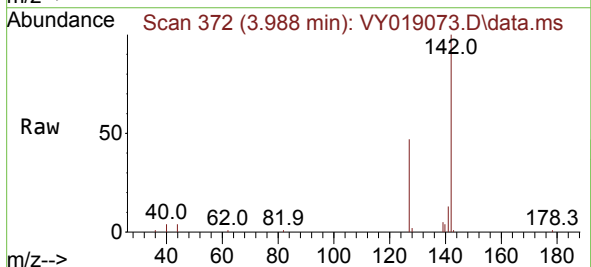
Instrument :
MSVOA_Y
ClientSampleId :

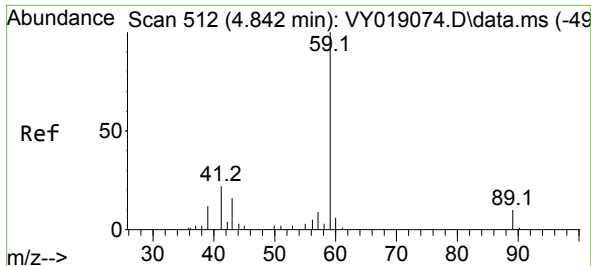
Tgt Ion:101 Resp: 26987
Ion Ratio Lower Upper
101 100
85 46.7 34.5 51.7
151 80.9 61.7 92.5



#10
Methyl Iodide
Concen: 20.110 ug/l
RT: 3.988 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion:142 Resp: 26721
Ion Ratio Lower Upper
142 100
127 46.2 32.8 49.2
141 14.3 11.4 17.2





#11

Tert butyl alcohol

Concen: 117.467 ug/l

RT: 4.842 min Scan# 512

Delta R.T. -0.000 min

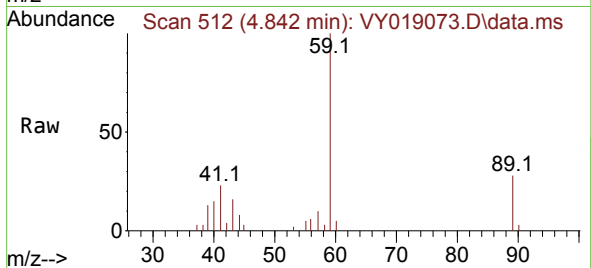
Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

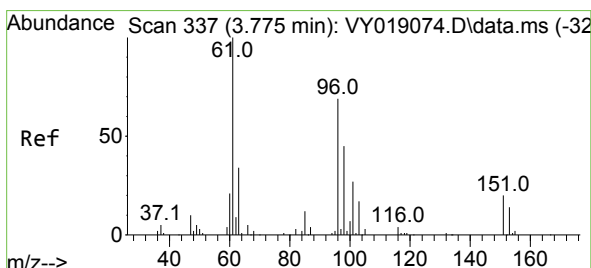
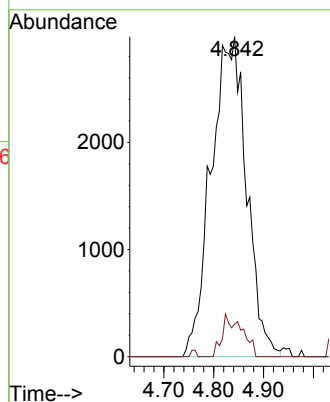
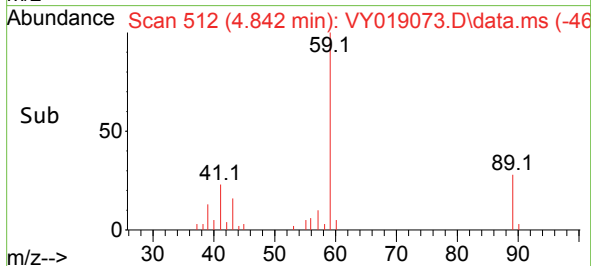


Tgt Ion: 59 Resp: 14706

Ion Ratio Lower Upper

59 100

57 3.5 3.0 4.6



#12

1,1-Dichloroethene

Concen: 19.480 ug/l

RT: 3.769 min Scan# 336

Delta R.T. -0.006 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

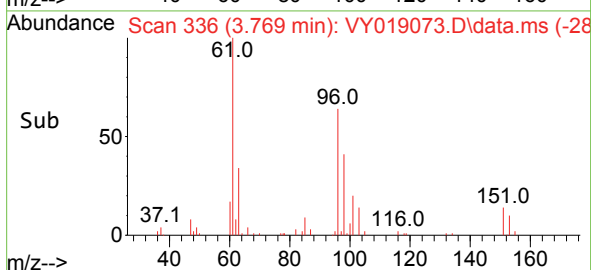
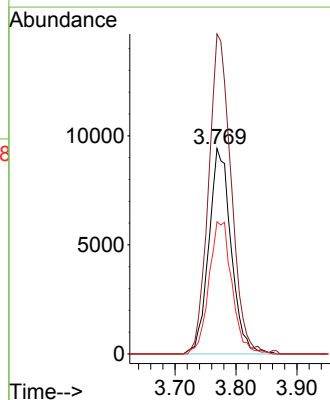
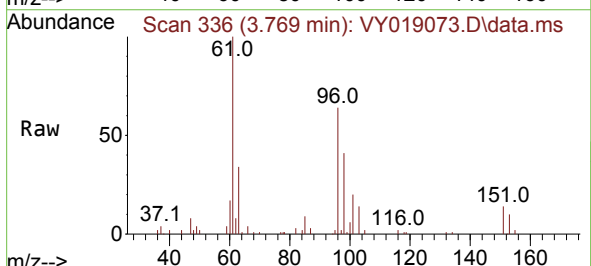
Tgt Ion: 96 Resp: 23992

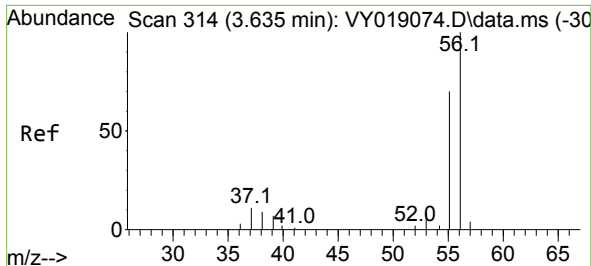
Ion Ratio Lower Upper

96 100

61 155.7 114.6 171.8

98 64.3 50.8 76.2





#13

Acrolein

Concen: 113.563 ug/l

RT: 3.635 min Scan# 314

Delta R.T. -0.000 min

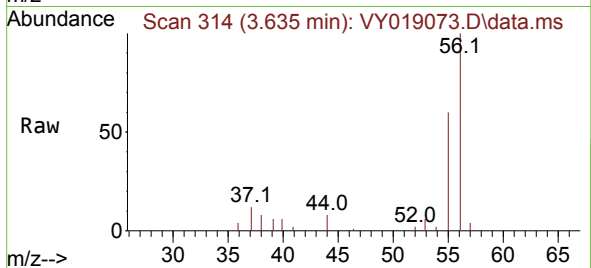
Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

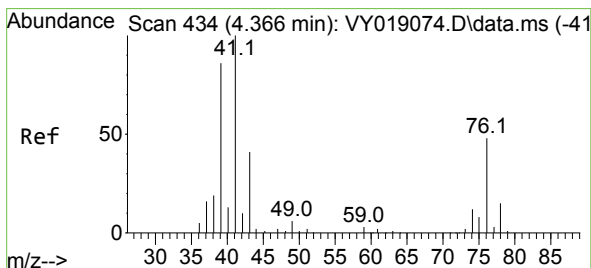
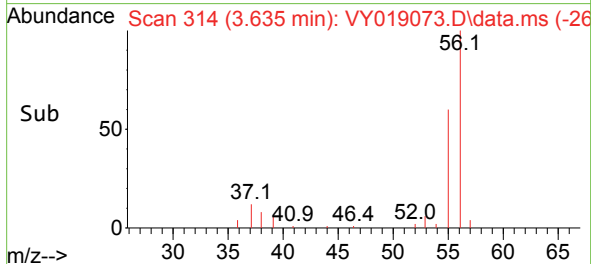
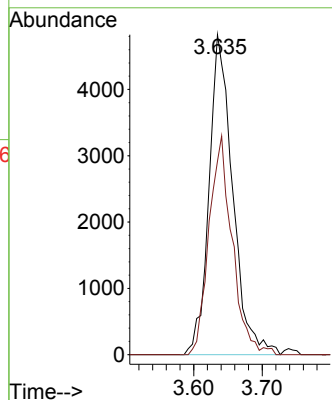


Tgt Ion: 56 Resp: 11556

Ion Ratio Lower Upper

56 100

55 67.1 55.7 83.5



#14

Allyl chloride

Concen: 19.121 ug/l

RT: 4.366 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

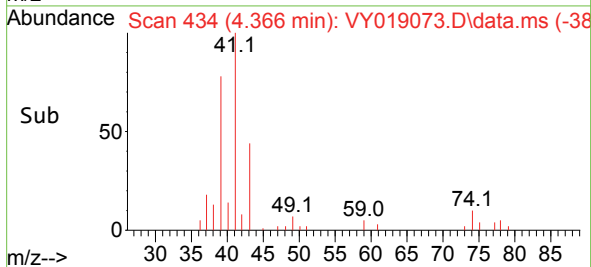
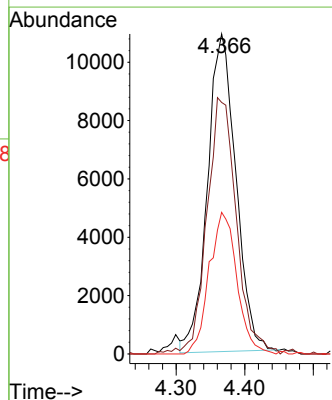
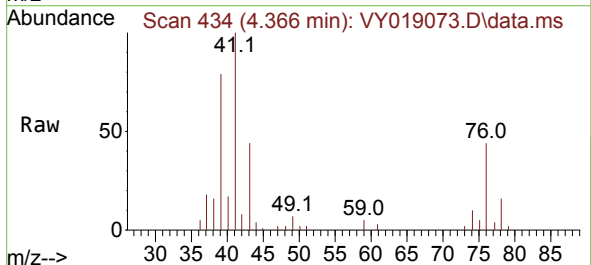
Tgt Ion: 41 Resp: 31310

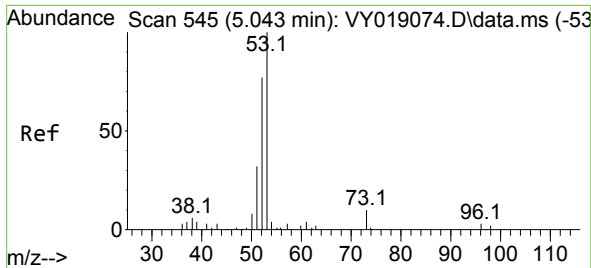
Ion Ratio Lower Upper

41 100

39 83.8 58.3 87.5

76 43.5 39.0 58.6

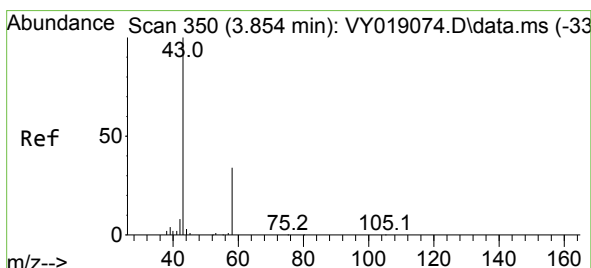
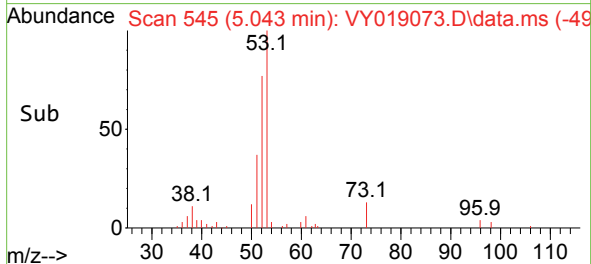
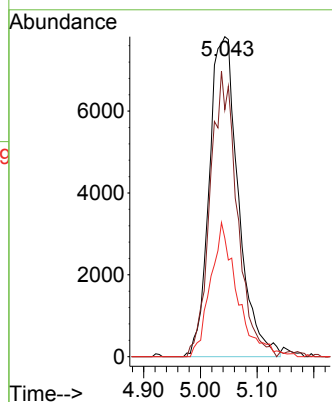
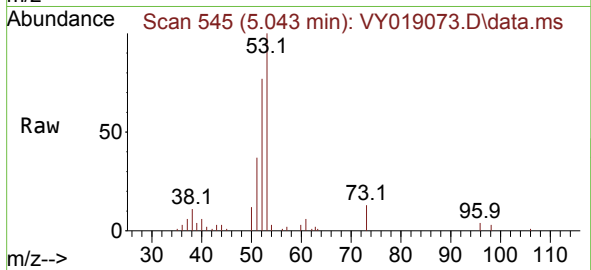




#15
Acrylonitrile
Concen: 103.448 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

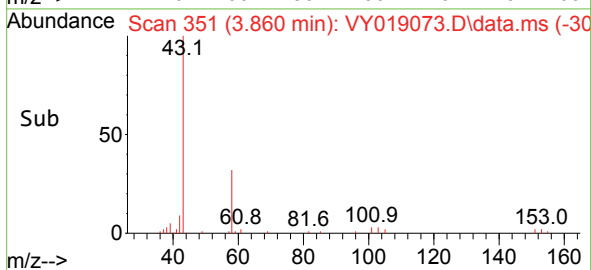
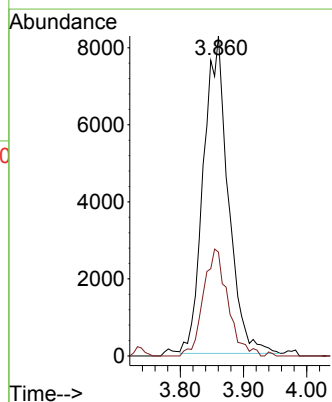
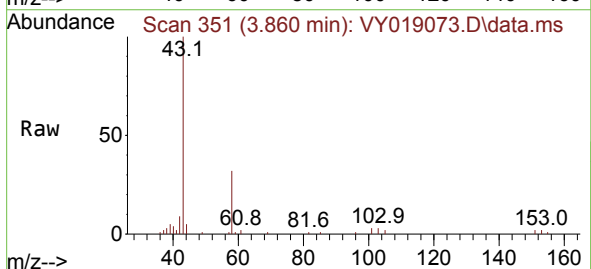
Instrument :
MSVOA_Y
ClientSampleId :

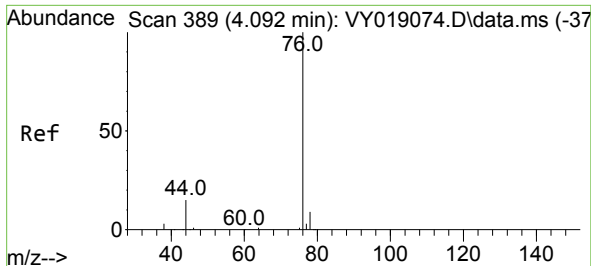
Tgt Ion	Ratio	Lower	Upper
53	100		
52	82.5	64.7	97.1
51	39.0	28.4	42.6



#16
Acetone
Concen: 97.794 ug/l
RT: 3.860 min Scan# 351
Delta R.T. 0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

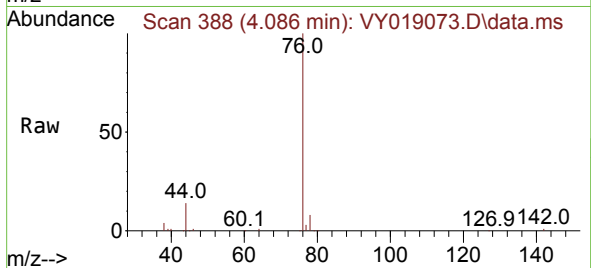
Tgt Ion	Ratio	Lower	Upper
43	100		
58	32.7	31.7	47.5



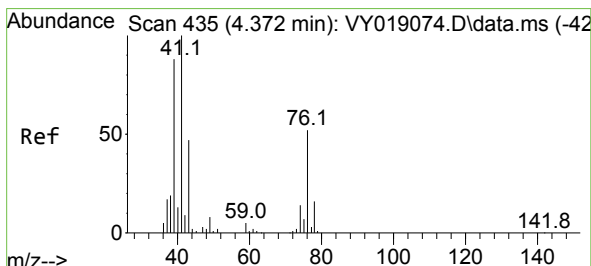
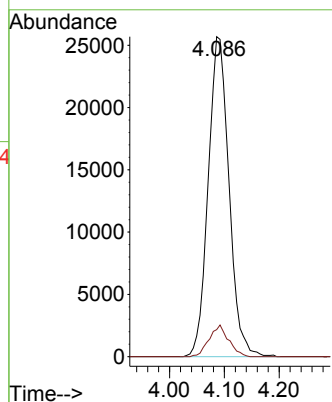
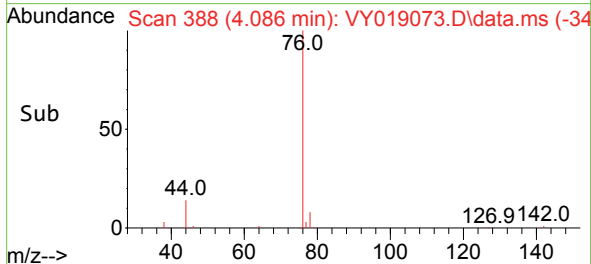


#17
Carbon Disulfide
Concen: 19.466 ug/l
RT: 4.086 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Instrument :
MSVOA_Y
ClientSampleId :

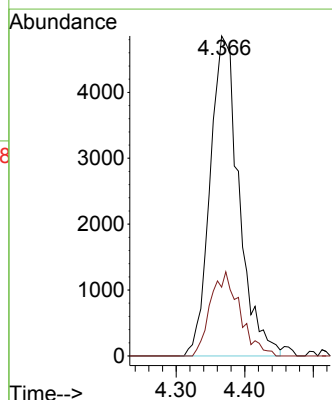
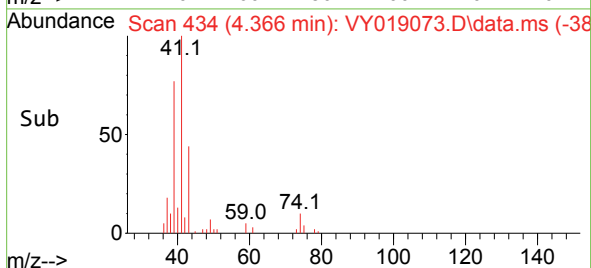
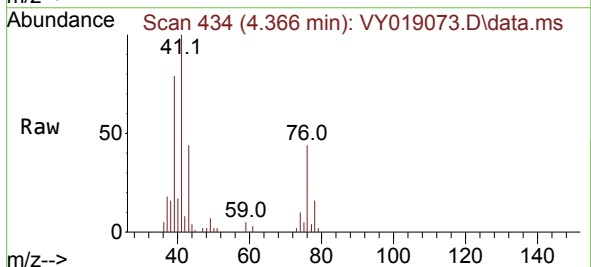


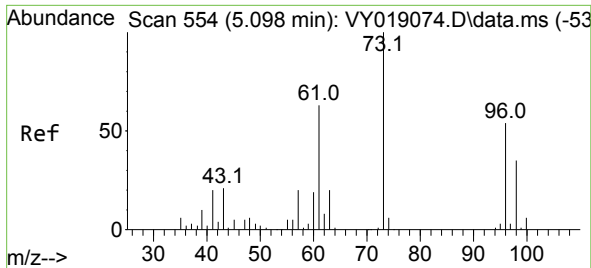
Tgt Ion: 76 Resp: 67620
Ion Ratio Lower Upper
76 100
78 8.4 6.8 10.2



#18
Methyl Acetate
Concen: 20.188 ug/l
RT: 4.366 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 43 Resp: 14222
Ion Ratio Lower Upper
43 100
74 26.8 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 20.194 ug/l

RT: 5.098 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

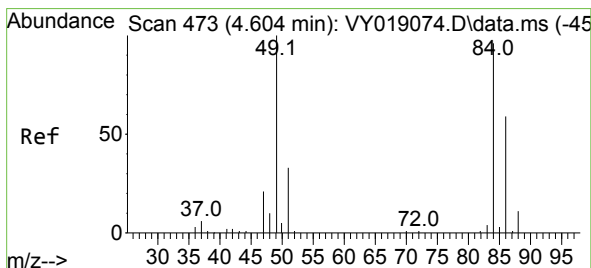
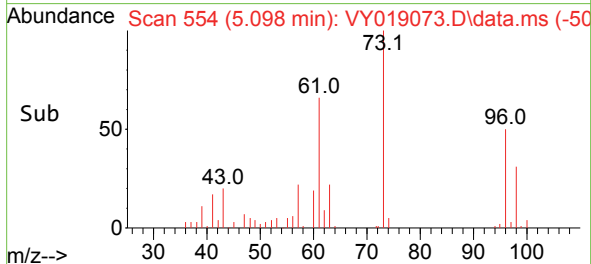
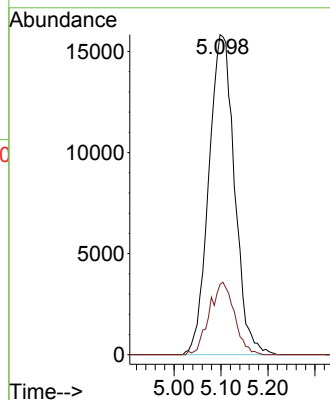
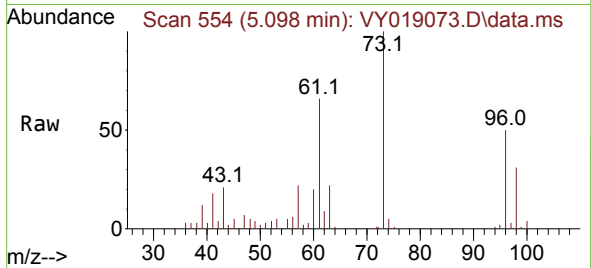
ClientSampleId :

Tgt Ion: 73 Resp: 60297

Ion Ratio Lower Upper

73 100

57 21.9 17.3 25.9



#20

Methylene Chloride

Concen: 18.422 ug/l

RT: 4.598 min Scan# 472

Delta R.T. -0.006 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Tgt Ion: 84 Resp: 35467

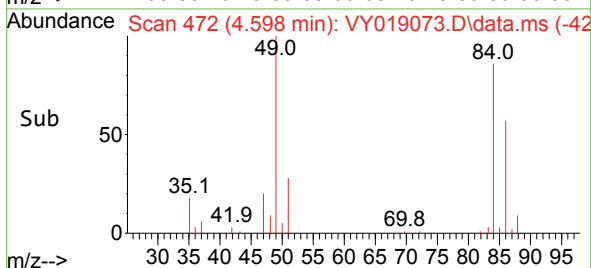
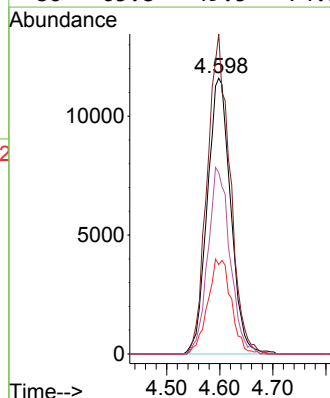
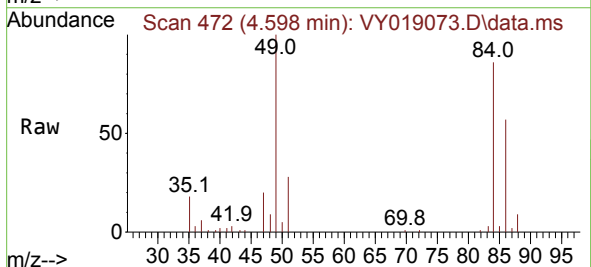
Ion Ratio Lower Upper

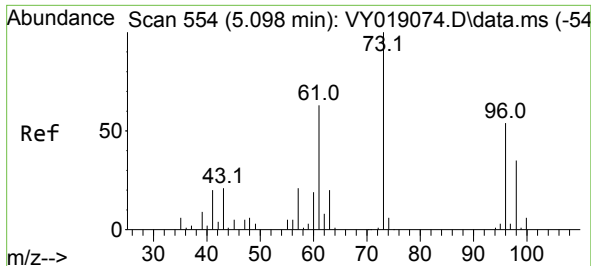
84 100

49 116.0 84.4 126.6

51 32.4 26.0 39.0

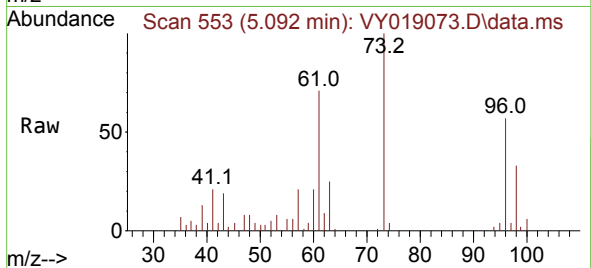
86 65.8 49.5 74.3



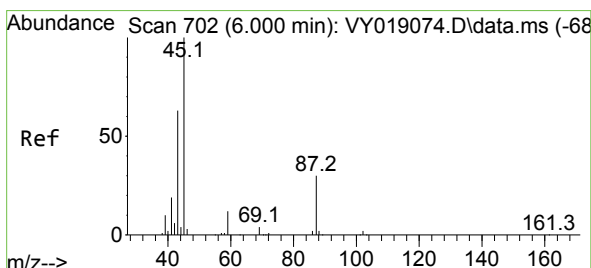
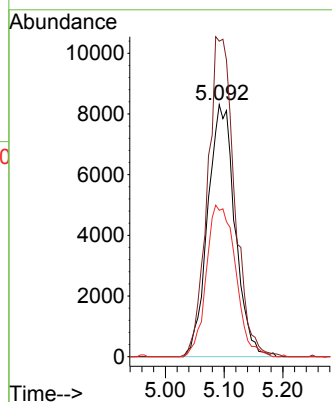
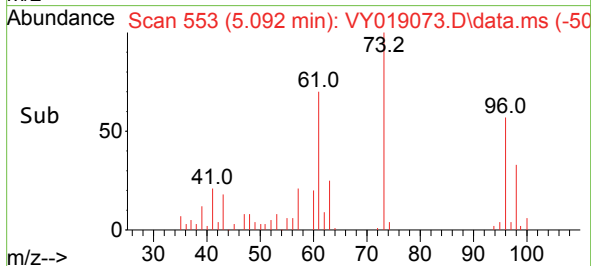


#21
trans-1,2-Dichloroethene
Concen: 19.457 ug/l
RT: 5.092 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Instrument :
MSVOA_Y
ClientSampleId :

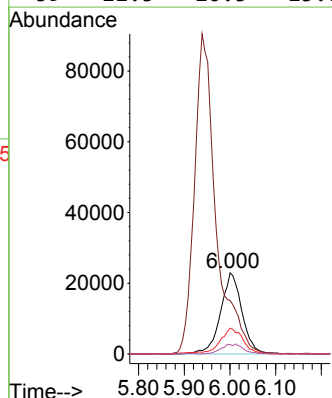
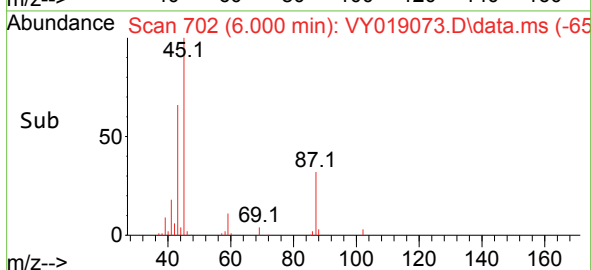
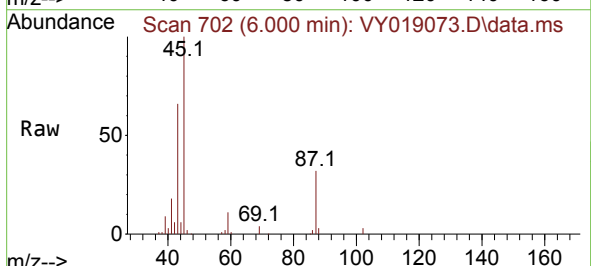


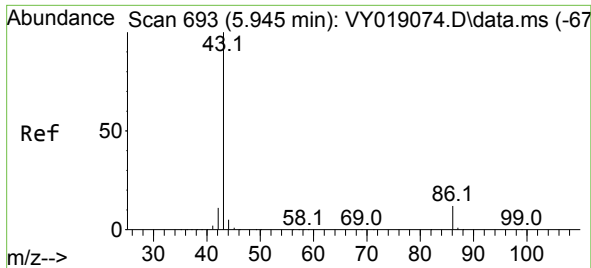
Tgt Ion: 96 Resp: 26772
Ion Ratio Lower Upper
96 100
61 125.2 97.5 146.3
98 58.1 50.5 75.7



#22
Diisopropyl ether
Concen: 19.939 ug/l
RT: 6.000 min Scan# 702
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 45 Resp: 74742
Ion Ratio Lower Upper
45 100
43 65.5 42.2 63.2#
87 31.7 25.0 37.6
59 11.5 10.5 15.7

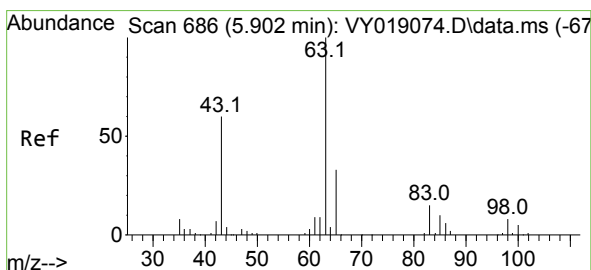
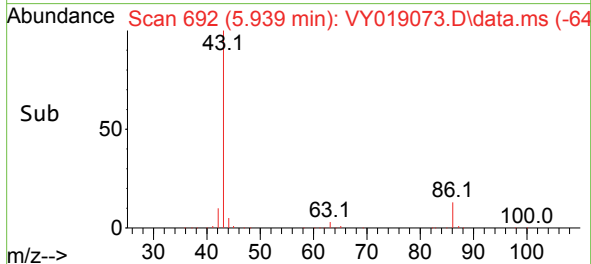
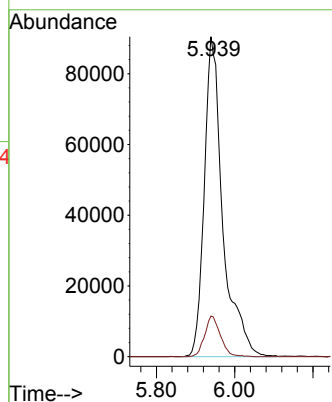
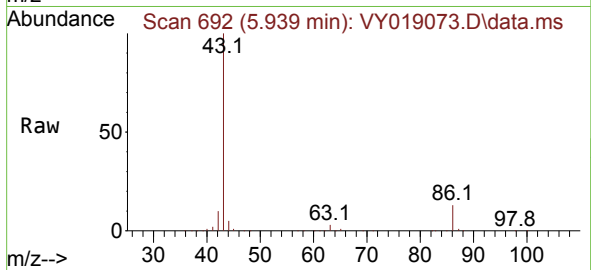




#23
 Vinyl Acetate
 Concen: 99.865 ug/l
 RT: 5.939 min Scan# 693
 Delta R.T. -0.006 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

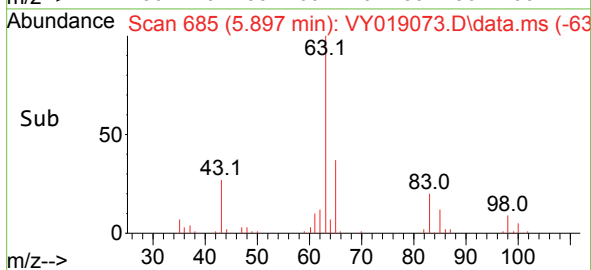
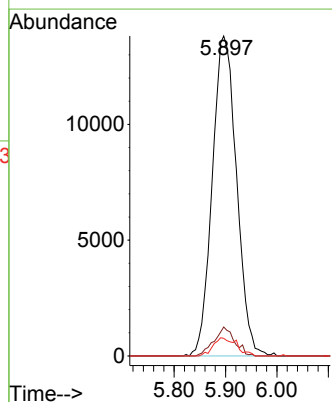
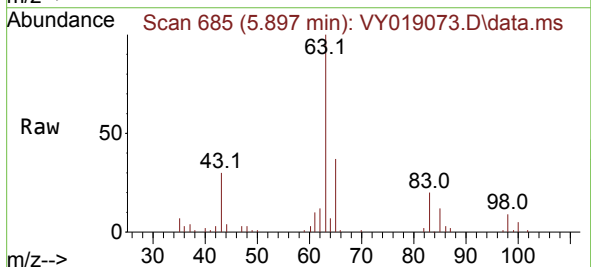
Instrument :
 MSVOA_Y
 ClientSampleId :

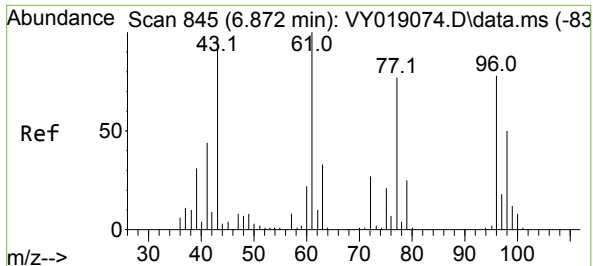
Tgt Ion: 43 Resp: 296382
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 19.795 ug/l
 RT: 5.897 min Scan# 685
 Delta R.T. -0.006 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

Tgt Ion: 63 Resp: 45380
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.0 12.2
 100 5.5 2.6 8.0





#25

2-Butanone

Concen: 99.722 ug/l

RT: 6.878 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

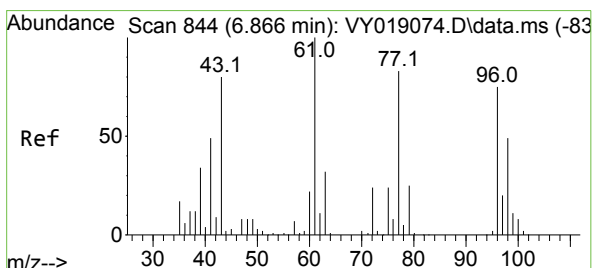
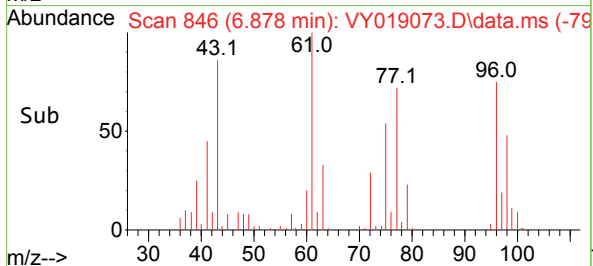
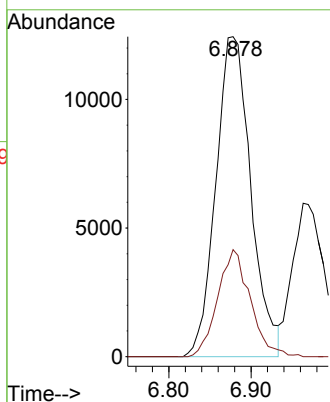
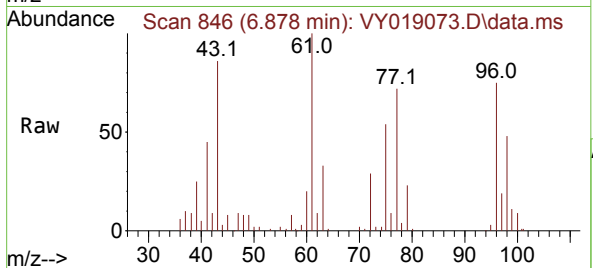
ClientSampleId :

Tgt Ion: 43 Resp: 36863

Ion Ratio Lower Upper

43 100

72 33.5 27.3 40.9



#26

2,2-Dichloropropane

Concen: 19.399 ug/l

RT: 6.866 min Scan# 844

Delta R.T. 0.000 min

Lab File: VY019073.D

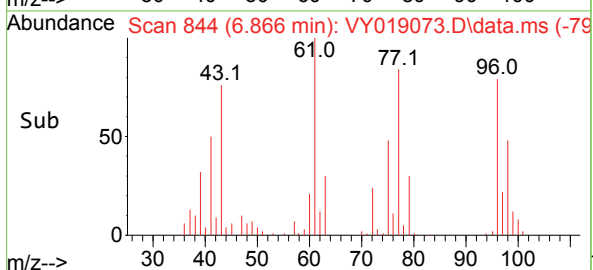
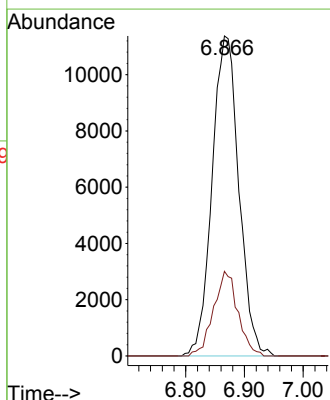
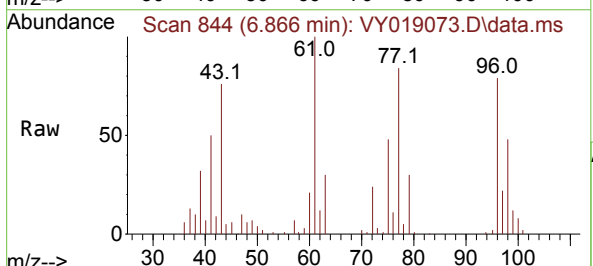
Acq: 15 Aug 2024 18:37

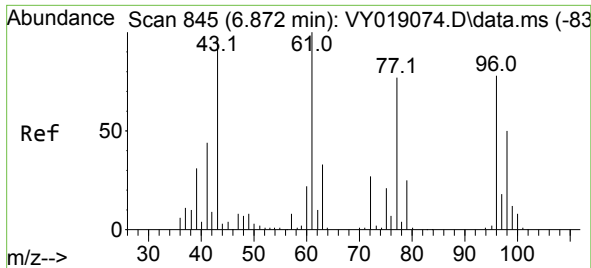
Tgt Ion: 77 Resp: 36012

Ion Ratio Lower Upper

77 100

97 24.0 12.0 36.1



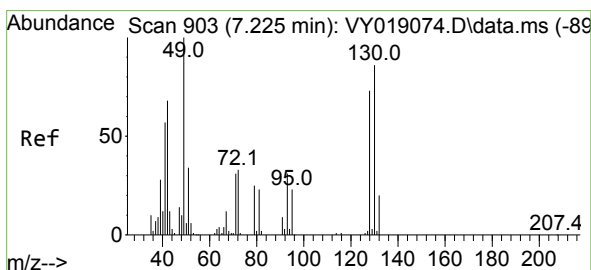
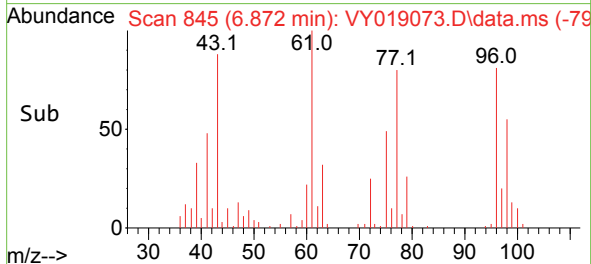
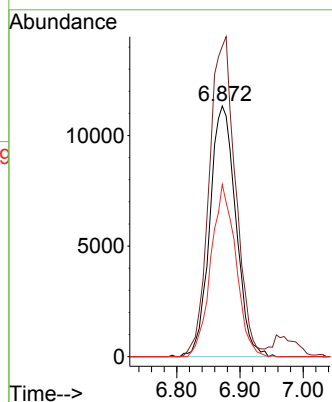
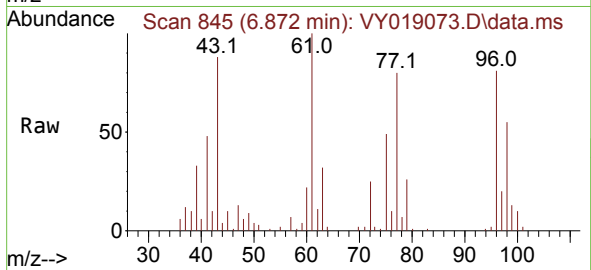


#27
 cis-1,2-Dichloroethene
 Concen: 19.988 ug/l
 RT: 6.872 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

Instrument :
 MSVOA_Y
 ClientSampleId :

Tgt Ion: 96 Resp: 32367

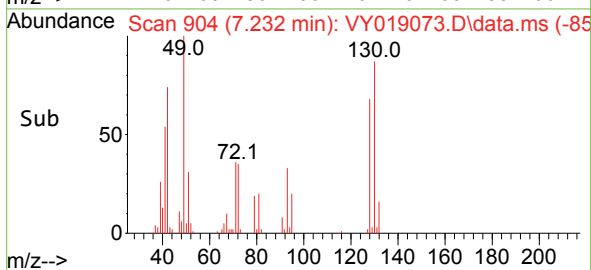
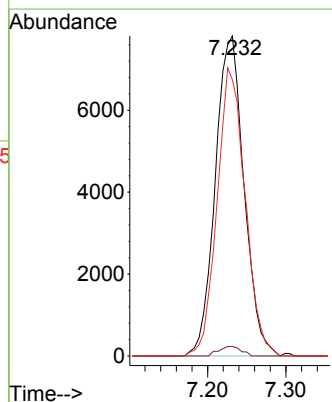
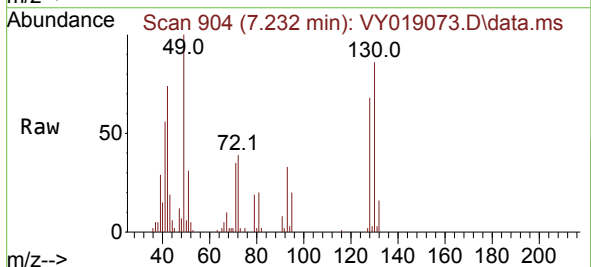
Ion	Ratio	Lower	Upper
96	100		
61	129.4	0.0	256.2
98	65.6	0.0	130.0

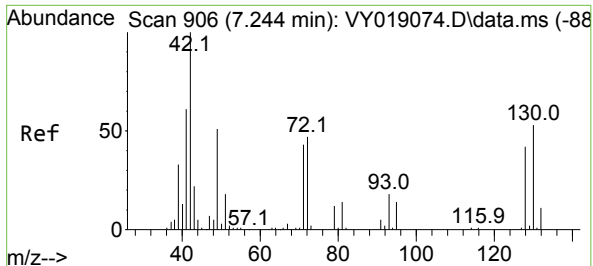


#28
 Bromochloromethane
 Concen: 20.720 ug/l
 RT: 7.232 min Scan# 904
 Delta R.T. 0.006 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

Tgt Ion: 49 Resp: 19925

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	87.6	72.7	109.1





#29

Tetrahydrofuran

Concen: 104.387 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019073.D

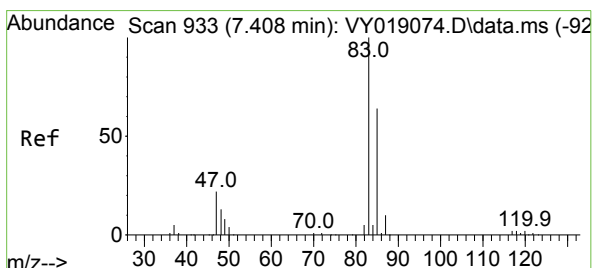
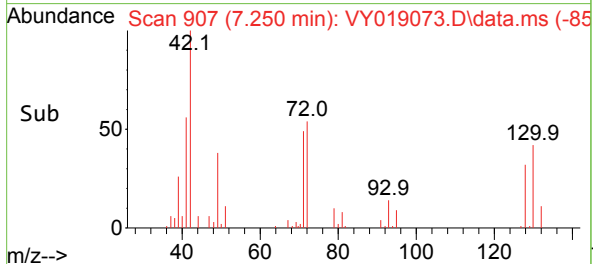
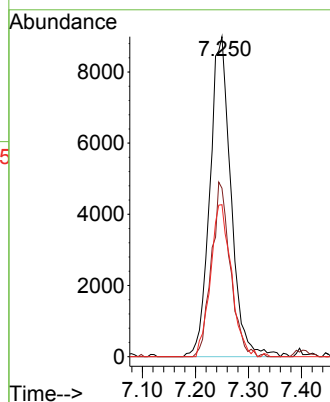
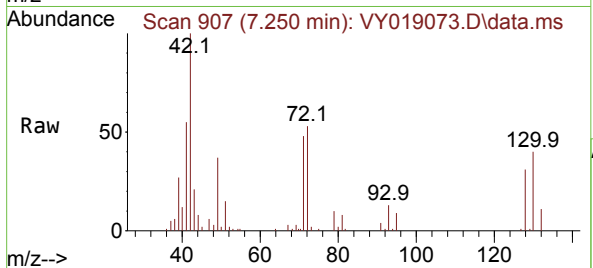
Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	24805
Ion	Ratio	Lower	Upper
42	100		
72	49.0	43.0	64.4
71	46.9	40.8	61.2



#30

Chloroform

Concen: 20.282 ug/l

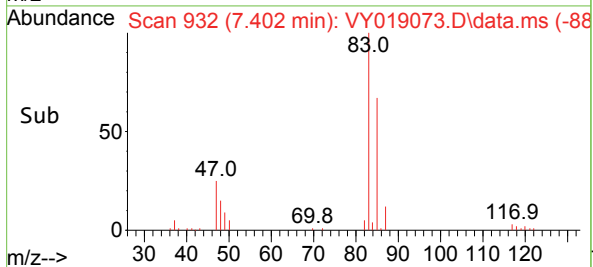
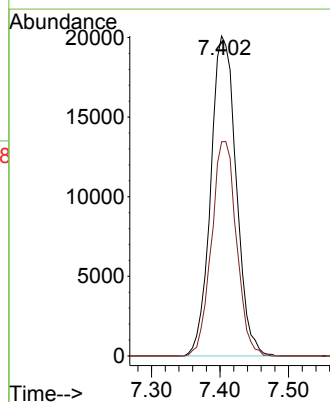
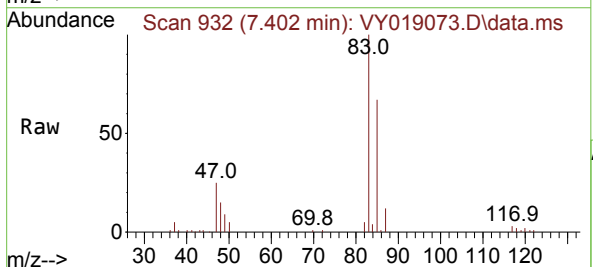
RT: 7.402 min Scan# 932

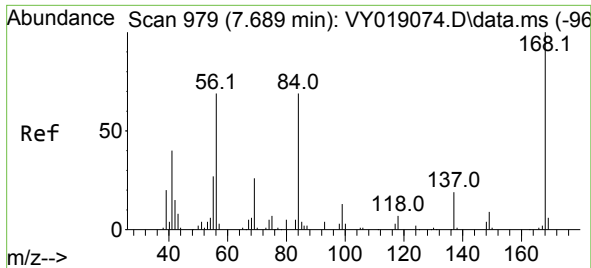
Delta R.T. -0.006 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Tgt Ion:	83	Resp:	51810
Ion	Ratio	Lower	Upper
83	100		
85	67.0	52.2	78.4

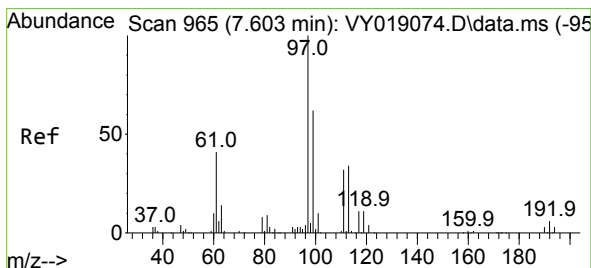
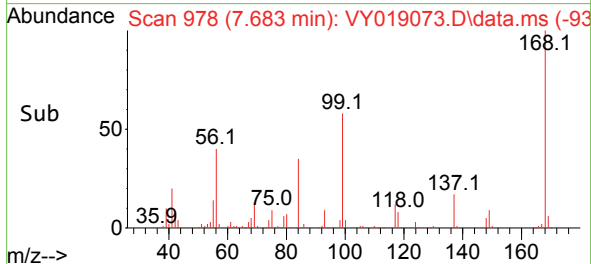
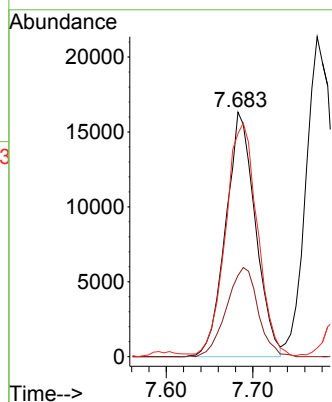
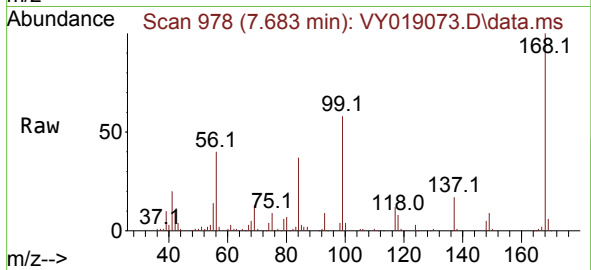




#31
Cyclohexane
Concen: 19.345 ug/l
RT: 7.683 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

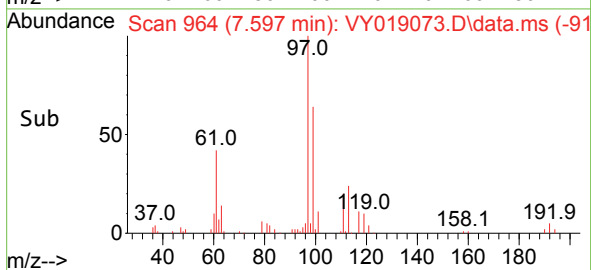
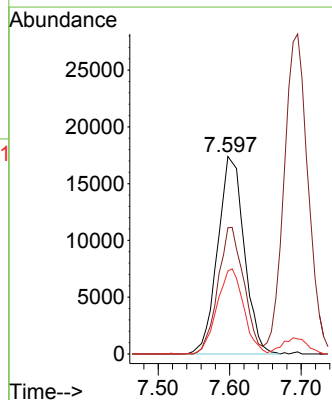
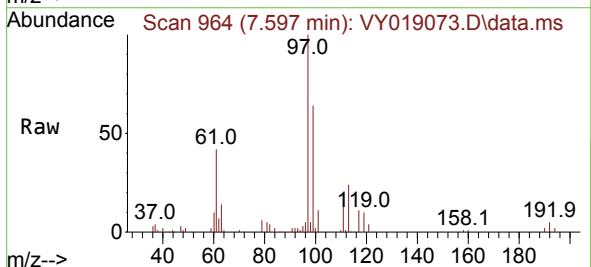
Instrument :
MSVOA_Y
ClientSampleId :

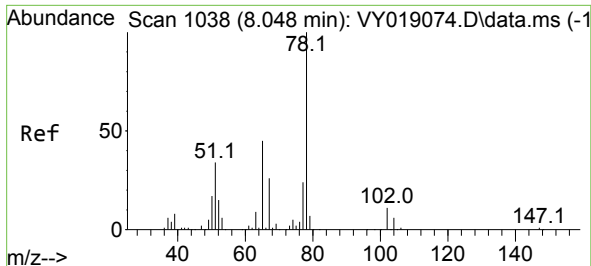
Tgt Ion: 56 Resp: 38894
Ion Ratio Lower Upper
56 100
69 33.2 28.7 43.1
84 90.1 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 19.961 ug/l
RT: 7.597 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 97 Resp: 44810
Ion Ratio Lower Upper
97 100
99 62.8 50.3 75.5
61 43.3 32.6 48.8

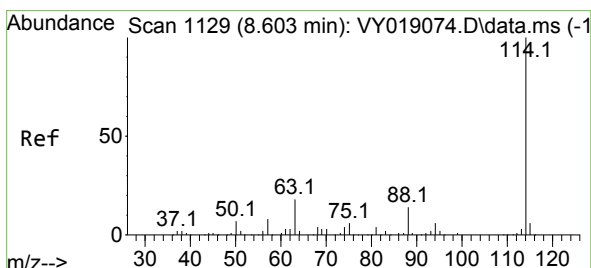
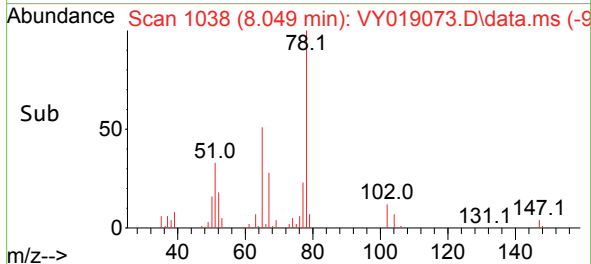
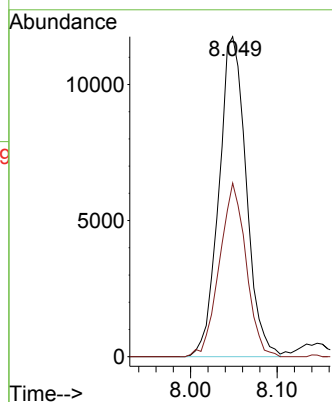
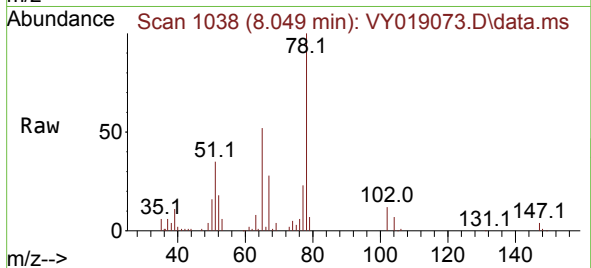




#33
 1,2-Dichloroethane-d4
 Concen: 20.814 ug/l
 RT: 8.049 min Scan# 1038
 Delta R.T. 0.000 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

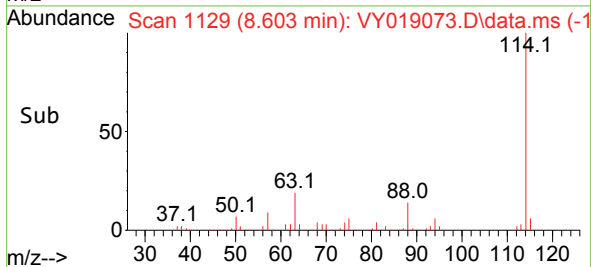
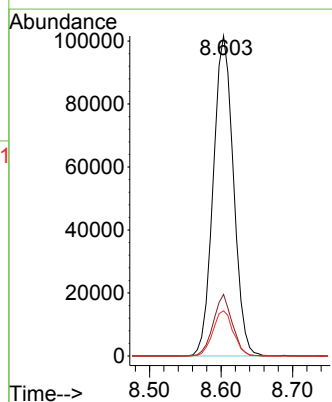
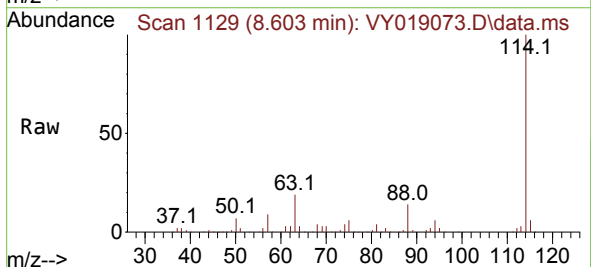
Instrument :
 MSVOA_Y
 ClientSampleId :

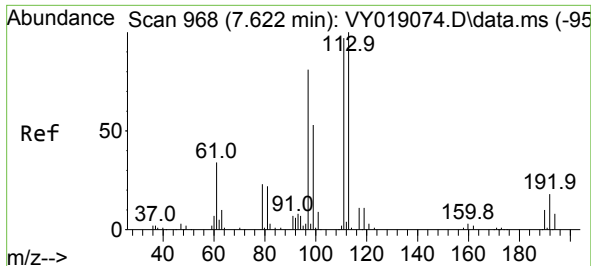
Tgt Ion: 65 Resp: 25761
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.603 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

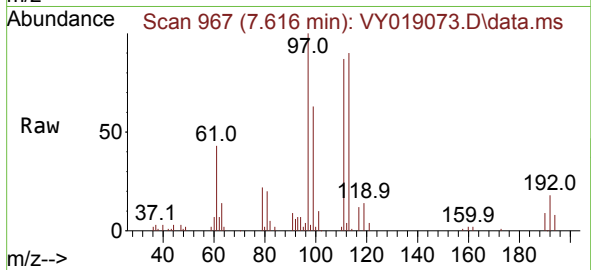
Tgt Ion: 114 Resp: 199617
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 35.0
 88 14.1 0.0 27.2



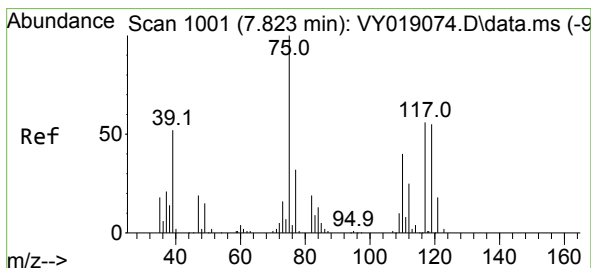
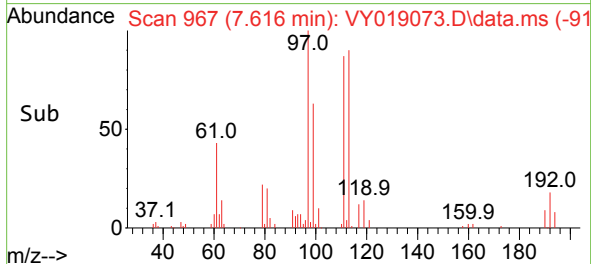
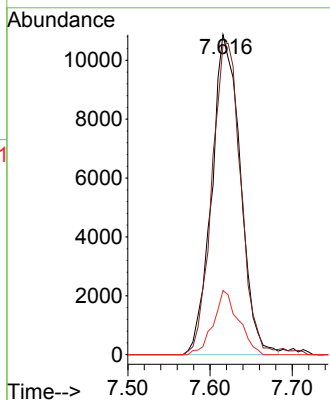


#35
Dibromofluoromethane
Concen: 20.197 ug/l
RT: 7.616 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Instrument :
MSVOA_Y
ClientSampleId :

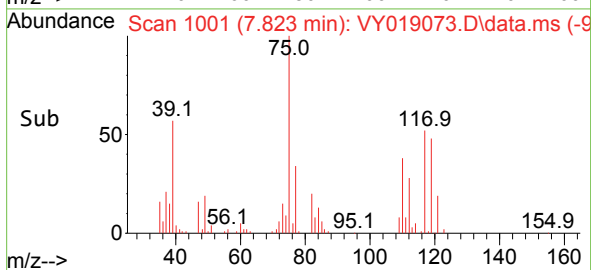
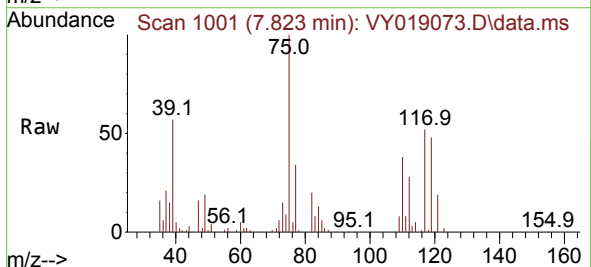
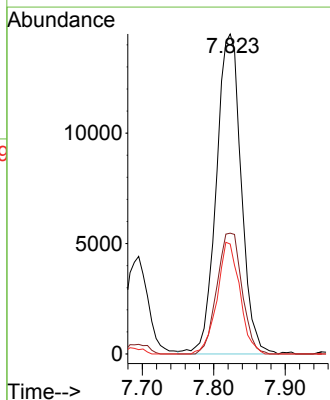


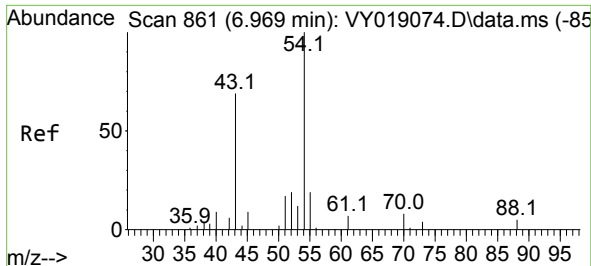
Tgt Ion:113 Resp: 26361
Ion Ratio Lower Upper
113 100
111 99.1 82.2 123.4
192 17.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.540 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 75 Resp: 35021
Ion Ratio Lower Upper
75 100
110 38.1 19.0 57.0
77 31.9 25.3 37.9





#37

Ethyl Acetate

Concen: 19.153 ug/l

RT: 6.963 min Scan# 861

Delta R.T. -0.006 min

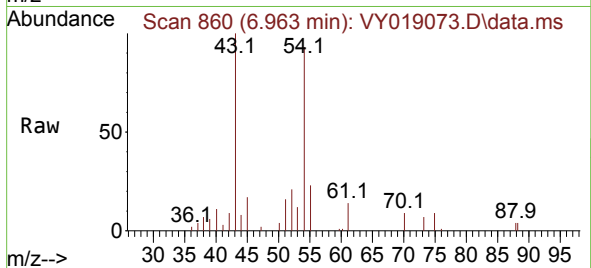
Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :



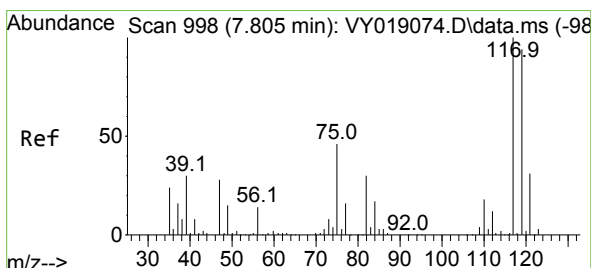
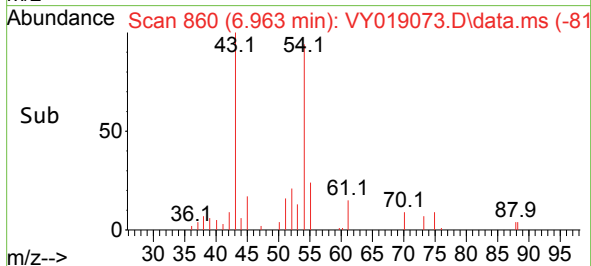
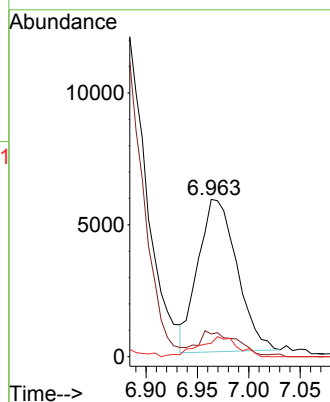
Tgt Ion: 43 Resp: 15209

Ion Ratio Lower Upper

43 100

61 17.0 12.6 19.0

70 13.0 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 19.686 ug/l

RT: 7.805 min Scan# 998

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

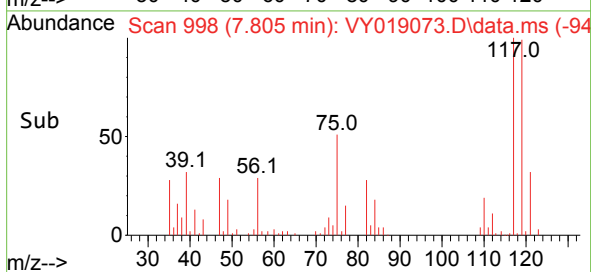
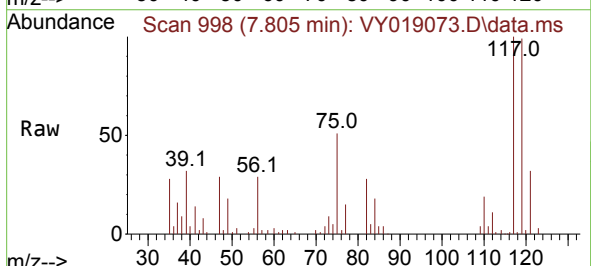
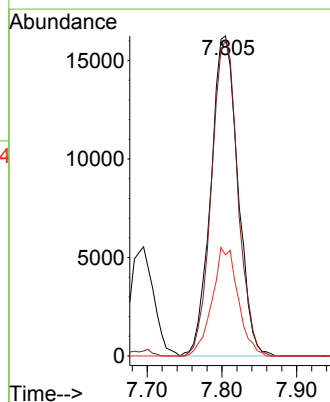
Tgt Ion: 117 Resp: 40890

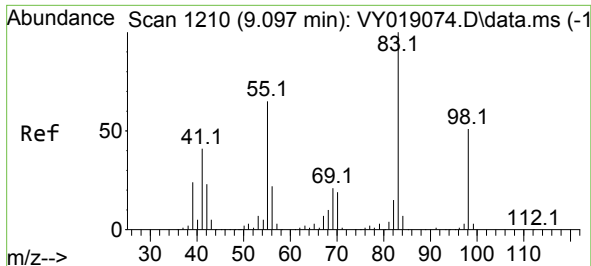
Ion Ratio Lower Upper

117 100

119 98.5 75.8 113.6

121 31.6 24.0 36.0





#39

Methylcyclohexane

Concen: 19.423 ug/l

RT: 9.097 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

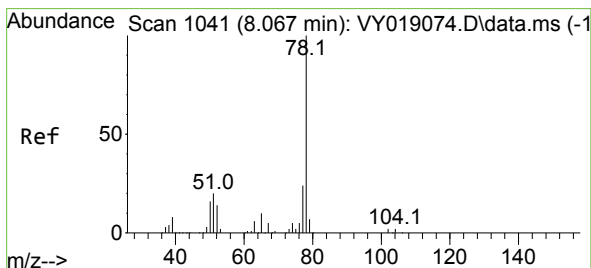
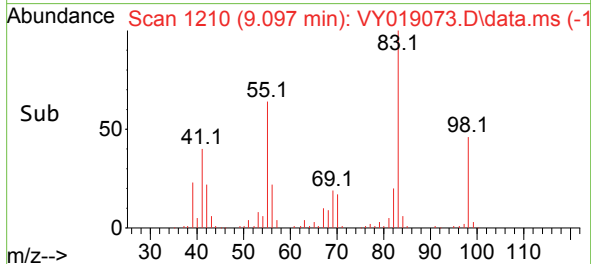
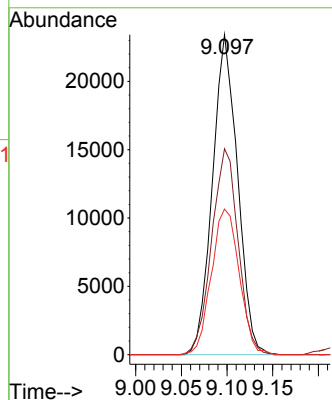
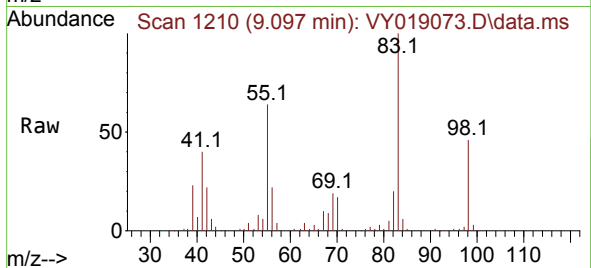
Tgt Ion: 83 Resp: 44673

Ion Ratio Lower Upper

83 100

55 64.4 51.5 77.3

98 45.5 40.5 60.7



#40

Benzene

Concen: 19.921 ug/l

RT: 8.067 min Scan# 1041

Delta R.T. 0.000 min

Lab File: VY019073.D

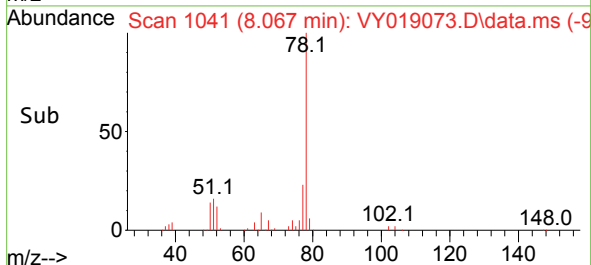
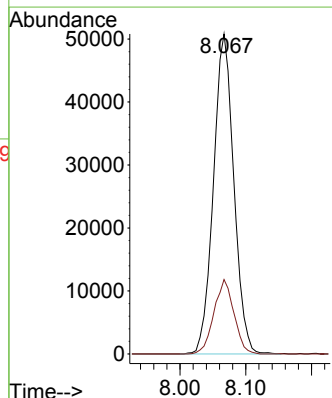
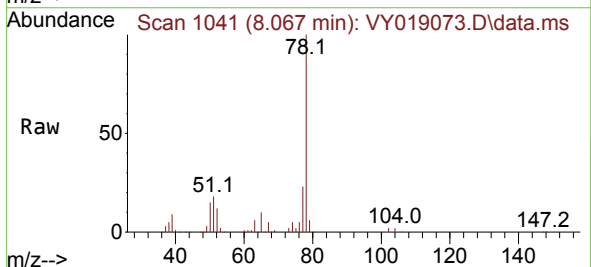
Acq: 15 Aug 2024 18:37

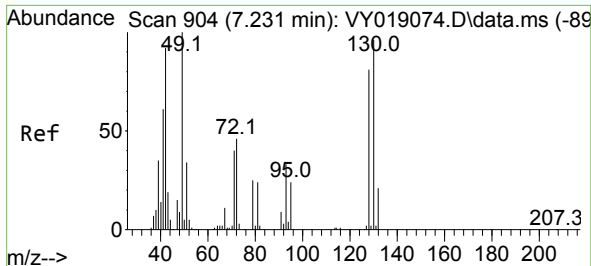
Tgt Ion: 78 Resp: 109503

Ion Ratio Lower Upper

78 100

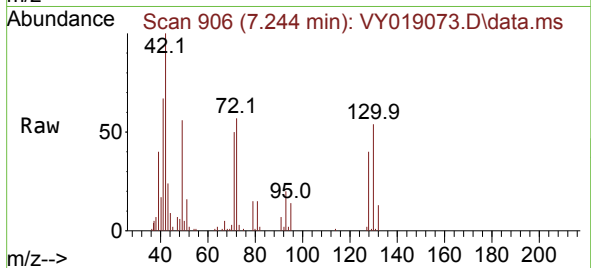
77 23.3 19.5 29.3



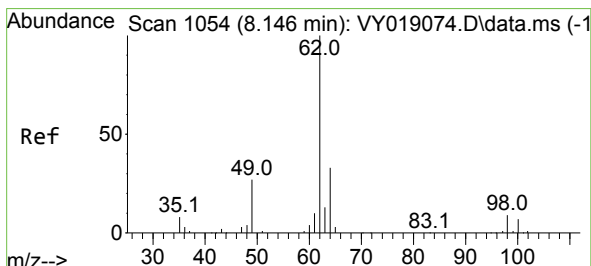
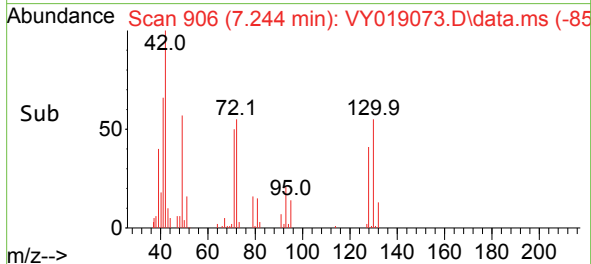
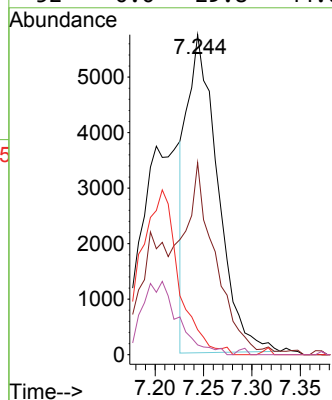


#41
Methacrylonitrile
Concen: 31.114 ug/l
RT: 7.244 min Scan# 904
Delta R.T. 0.012 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Instrument :
MSVOA_Y
ClientSampleId :

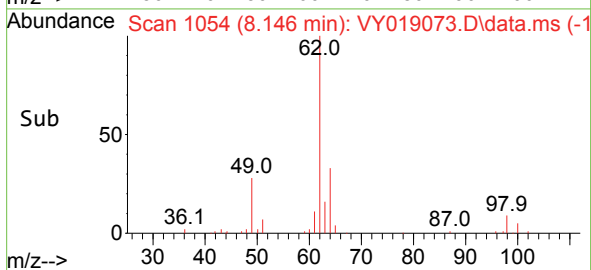
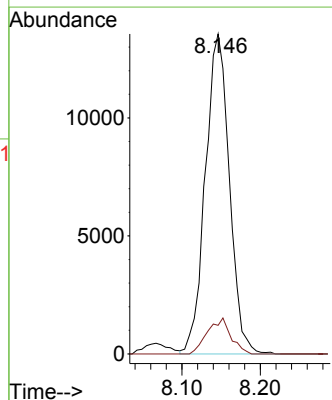
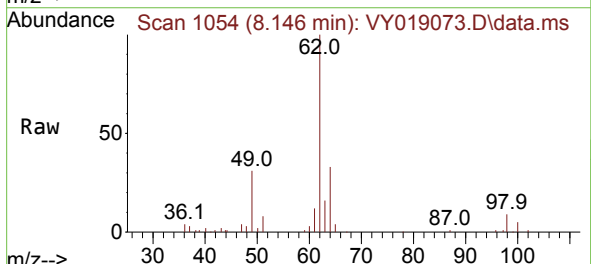


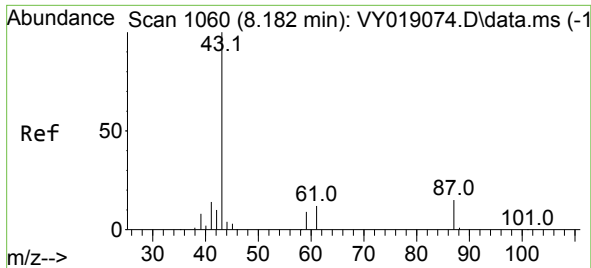
Tgt Ion: 41 Resp: 12775
Ion Ratio Lower Upper
41 100
39 52.0 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 19.471 ug/l
RT: 8.146 min Scan# 1054
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 62 Resp: 28902
Ion Ratio Lower Upper
62 100
98 10.9 0.0 22.0

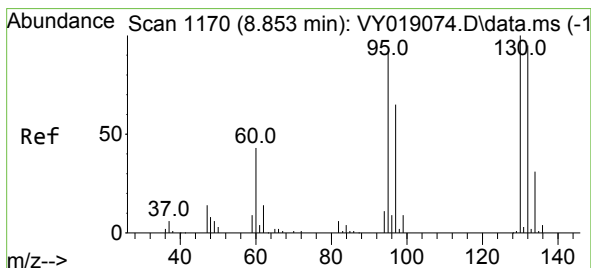
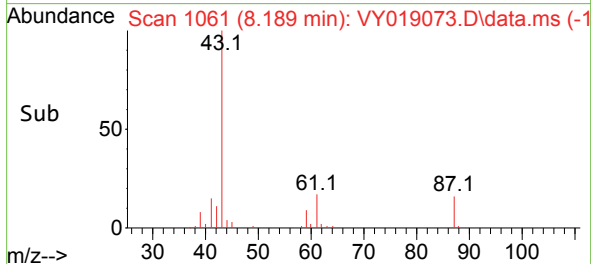
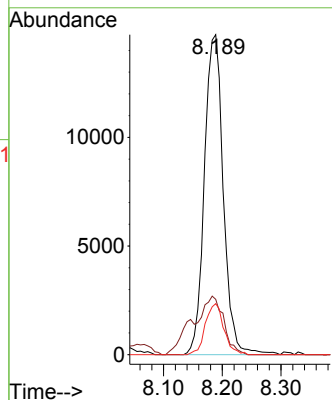
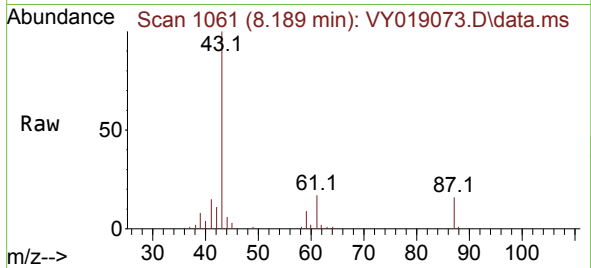




#43
Isopropyl Acetate
Concen: 20.569 ug/l
RT: 8.189 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

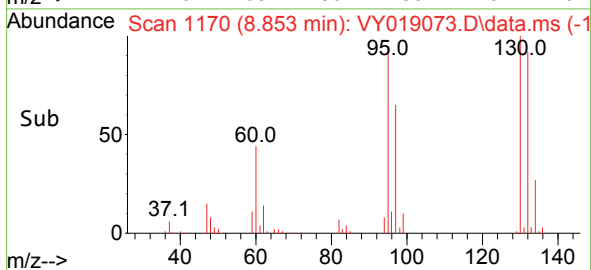
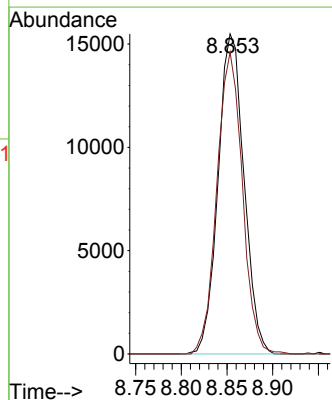
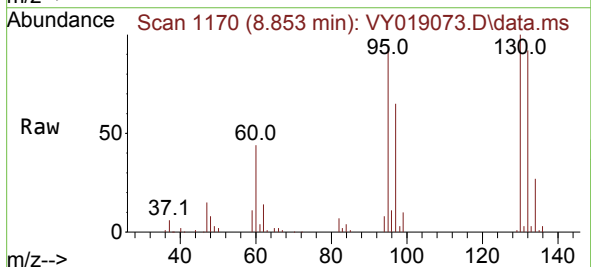
Instrument :
MSVOA_Y
ClientSampleId :

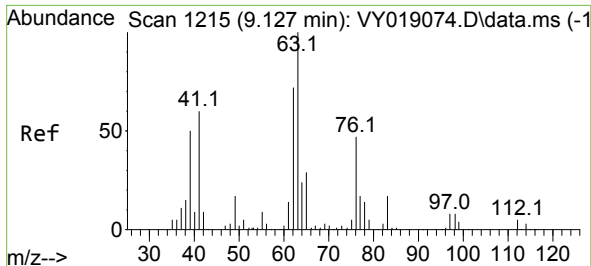
Tgt Ion: 43 Resp: 33033
Ion Ratio Lower Upper
43 100
61 21.5 27.9 41.9#
87 15.7 13.1 19.7



#44
Trichloroethene
Concen: 19.945 ug/l
RT: 8.853 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion:130 Resp: 30592
Ion Ratio Lower Upper
130 100
95 94.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 20.310 ug/l

RT: 9.134 min Scan# 1216

Delta R.T. 0.006 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

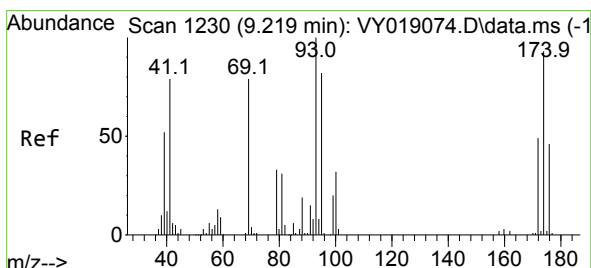
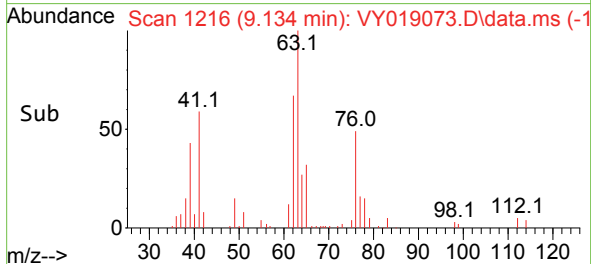
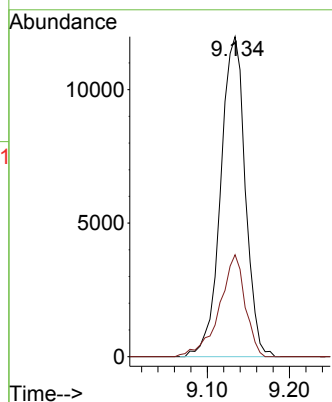
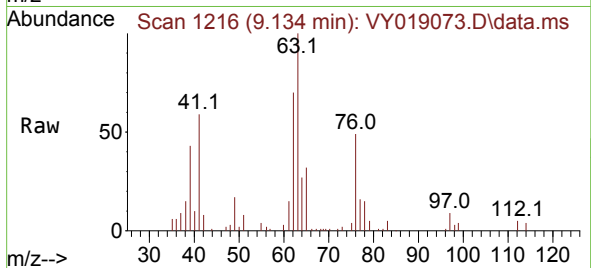
ClientSampleId :

Tgt Ion: 63 Resp: 24874

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.2



#46

Dibromomethane

Concen: 20.034 ug/l

RT: 9.219 min Scan# 1230

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

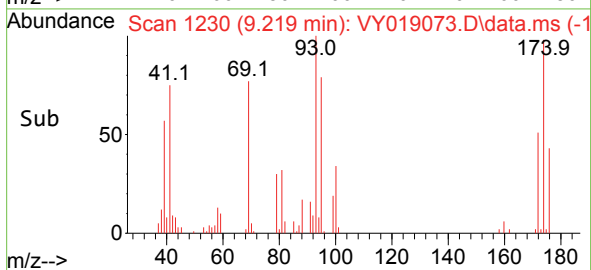
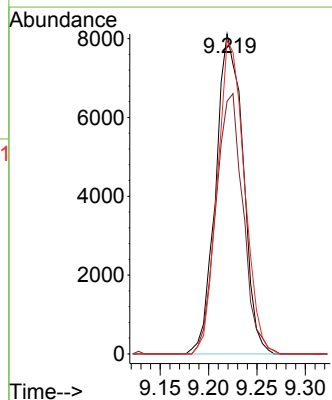
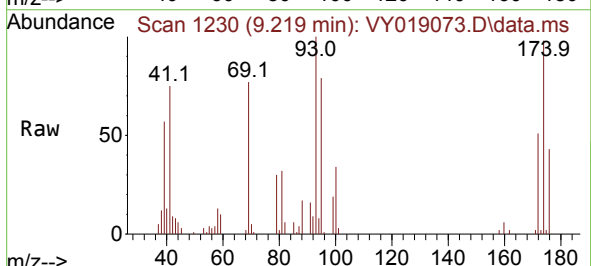
Tgt Ion: 93 Resp: 15914

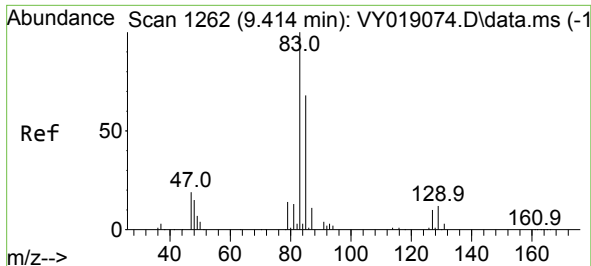
Ion Ratio Lower Upper

93 100

95 80.9 66.2 99.4

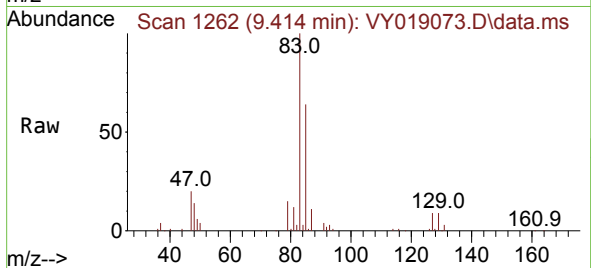
174 97.3 80.9 121.3



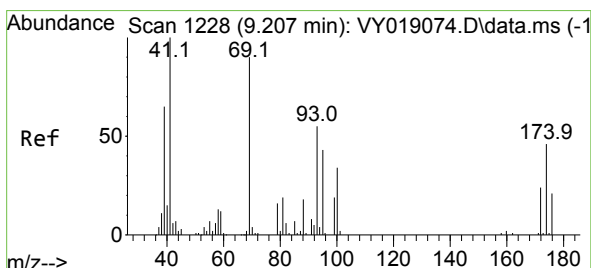
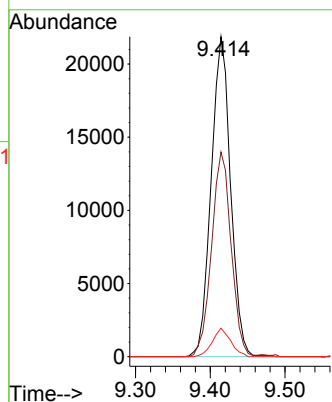
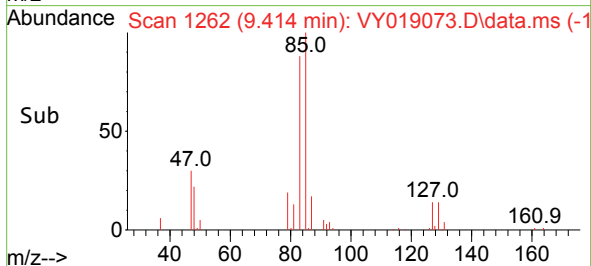


#47
Bromodichloromethane
Concen: 20.273 ug/l
RT: 9.414 min Scan# 1262
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Instrument :
MSVOA_Y
ClientSampleId :

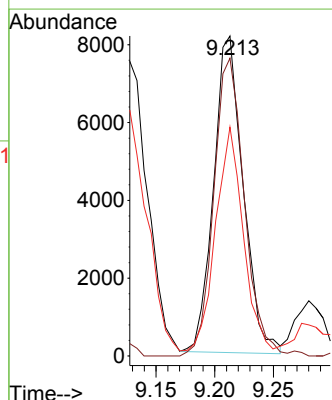
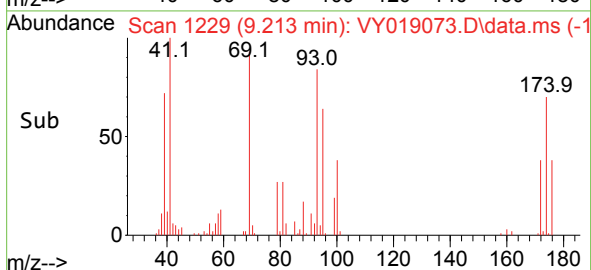
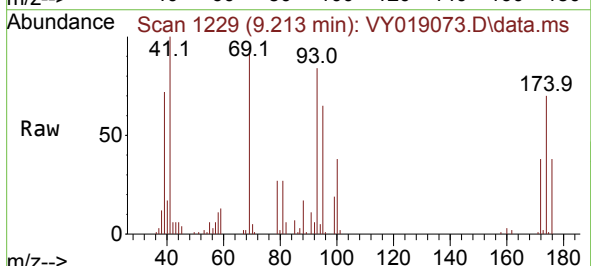


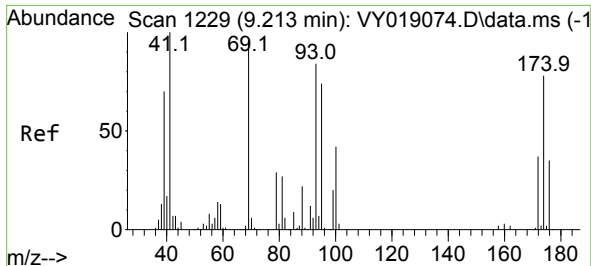
Tgt Ion: 83 Resp: 39508
Ion Ratio Lower Upper
83 100
85 64.0 50.1 75.1
127 8.9 7.4 11.0



#48
Methyl methacrylate
Concen: 19.869 ug/l
RT: 9.213 min Scan# 1229
Delta R.T. 0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 41 Resp: 14220
Ion Ratio Lower Upper
41 100
69 97.6 84.1 126.1
39 66.4 43.6 65.4#





#49

1,4-Dioxane

Concen: 362.071 ug/l

RT: 9.213 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

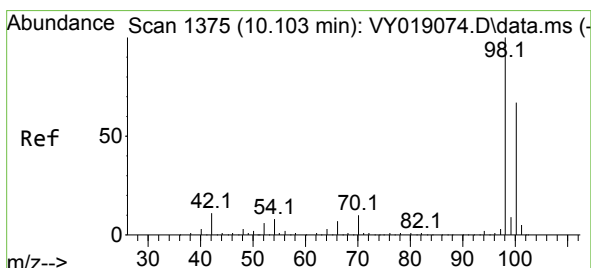
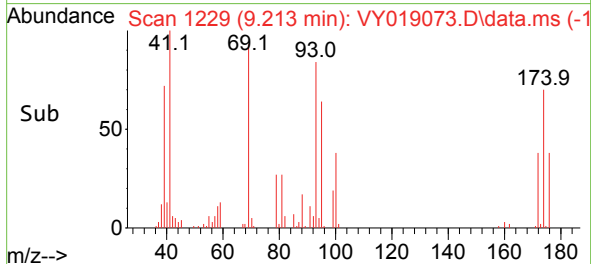
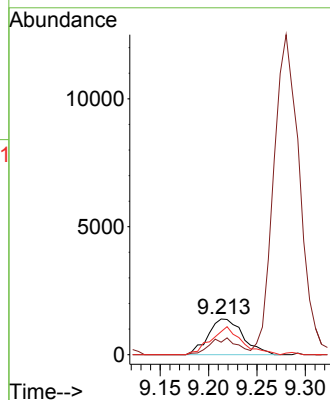
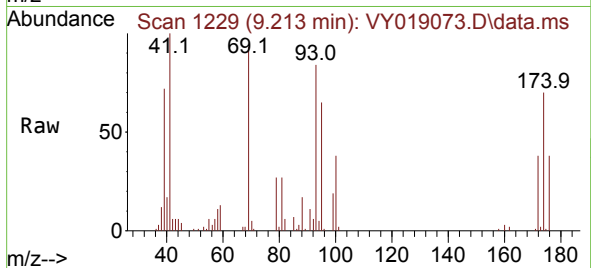
Tgt Ion: 88 Resp: 3484

Ion Ratio Lower Upper

88 100

43 38.3 0.0 0.0#

58 69.1 49.3 73.9



#50

Toluene-d8

Concen: 20.339 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019073.D

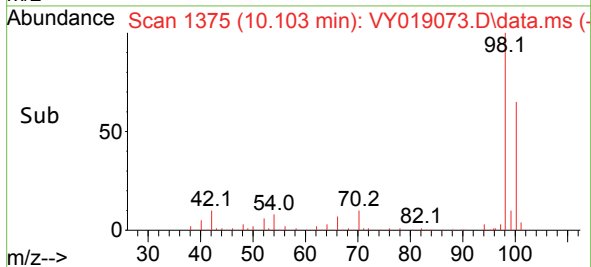
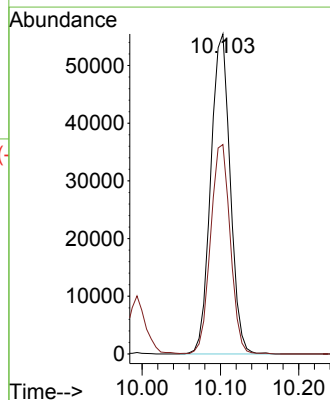
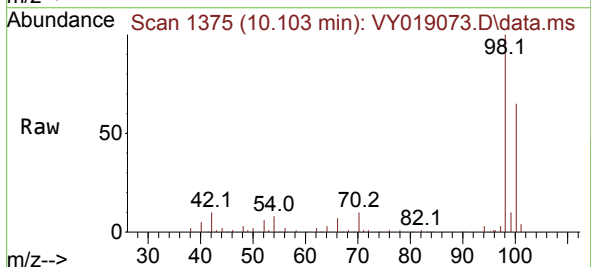
Acq: 15 Aug 2024 18:37

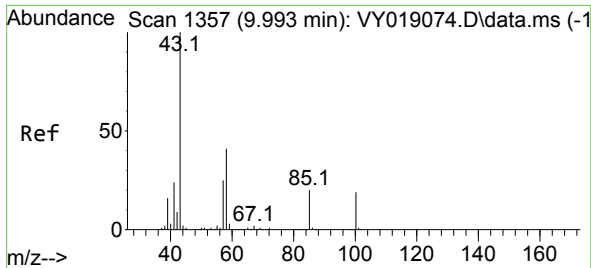
Tgt Ion: 98 Resp: 95533

Ion Ratio Lower Upper

98 100

100 66.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 98.297 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

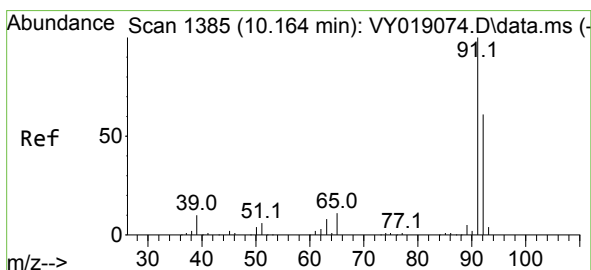
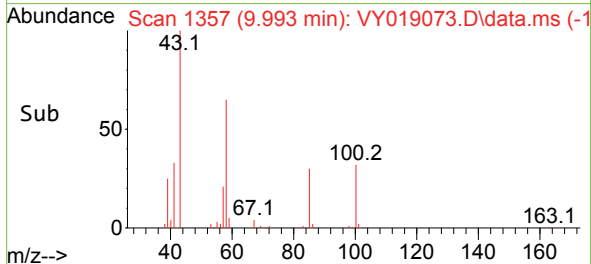
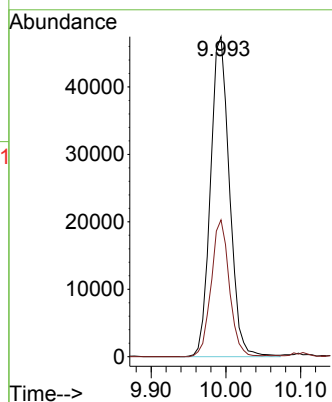
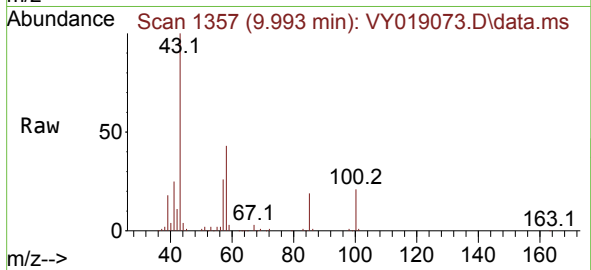
ClientSampleId :

Tgt Ion: 43 Resp: 83784

Ion Ratio Lower Upper

43 100

58 41.0 35.7 53.5



#52

Toluene

Concen: 19.486 ug/l

RT: 10.164 min Scan# 1385

Delta R.T. 0.000 min

Lab File: VY019073.D

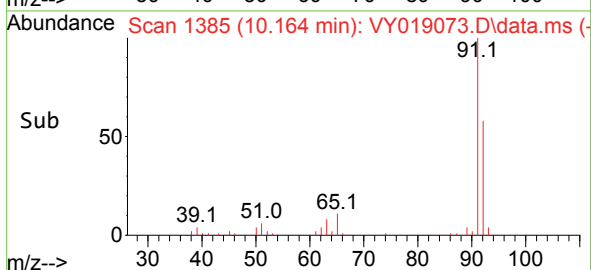
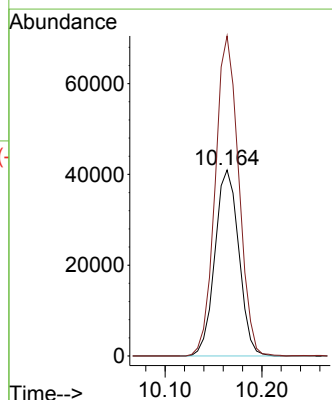
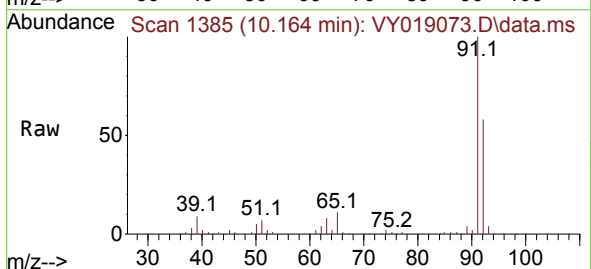
Acq: 15 Aug 2024 18:37

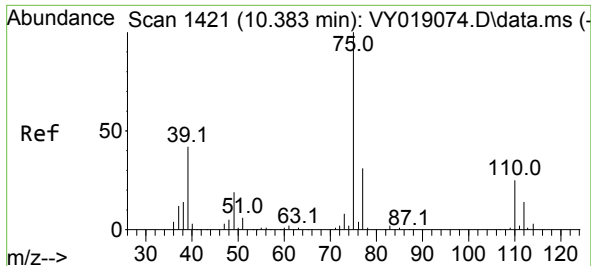
Tgt Ion: 92 Resp: 70310

Ion Ratio Lower Upper

92 100

91 169.3 139.0 208.6

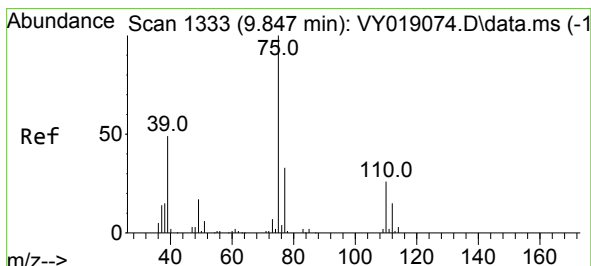
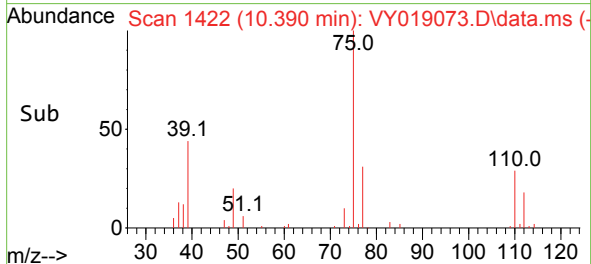
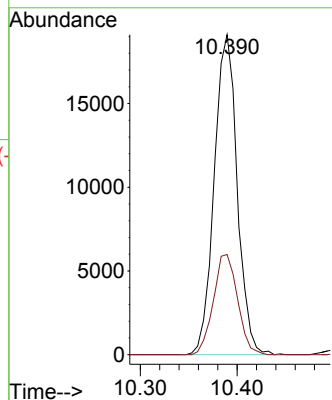
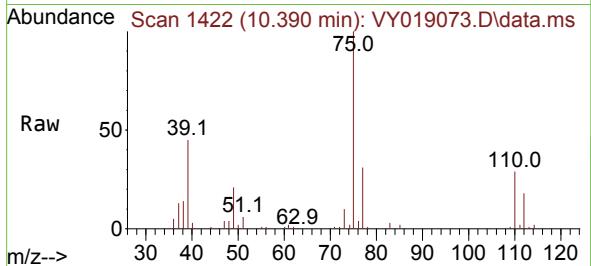




#53
 t-1,3-Dichloropropene
 Concen: 19.463 ug/l
 RT: 10.390 min Scan# 1421
 Delta R.T. 0.006 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

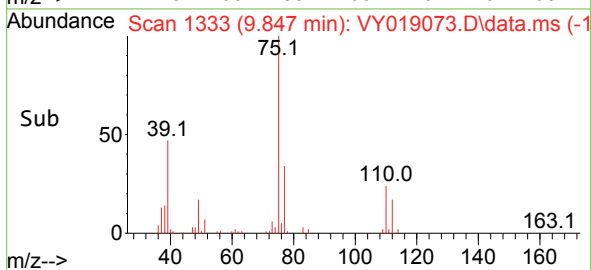
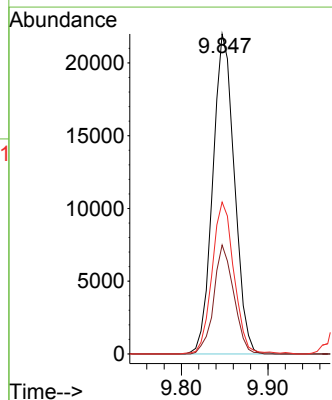
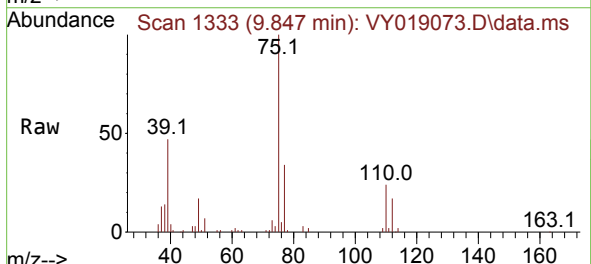
Instrument :
 MSVOA_Y
 ClientSampleId :

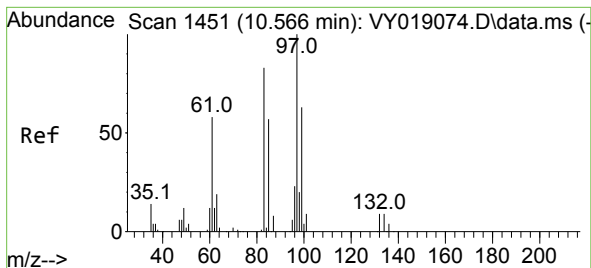
Tgt Ion: 75 Resp: 31464
 Ion Ratio Lower Upper
 75 100
 77 31.3 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 19.629 ug/l
 RT: 9.847 min Scan# 1333
 Delta R.T. 0.000 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

Tgt Ion: 75 Resp: 38163
 Ion Ratio Lower Upper
 75 100
 77 34.0 25.4 38.0
 39 47.4 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 20.763 ug/l

RT: 10.566 min Scan# 1451

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 21232

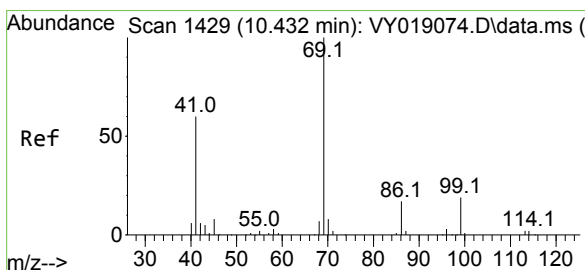
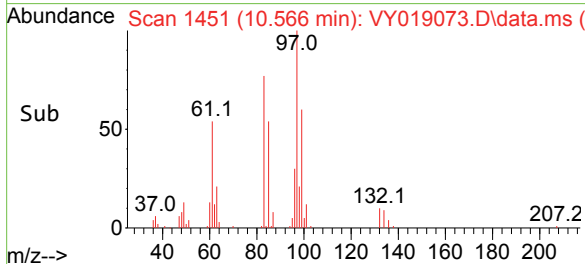
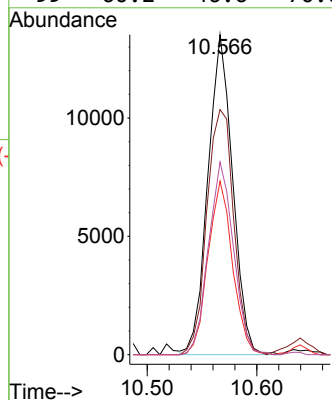
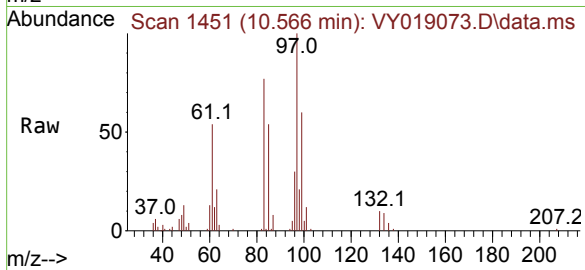
Ion Ratio Lower Upper

97 100

83 76.6 67.5 101.3

85 54.2 42.9 64.3

99 60.2 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.843 ug/l

RT: 10.432 min Scan# 1429

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

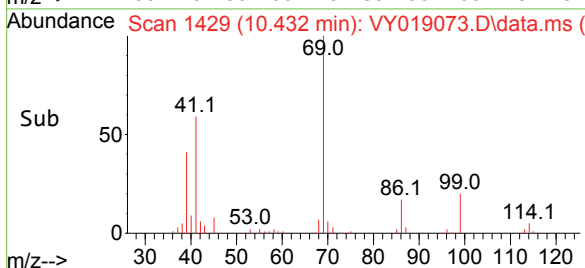
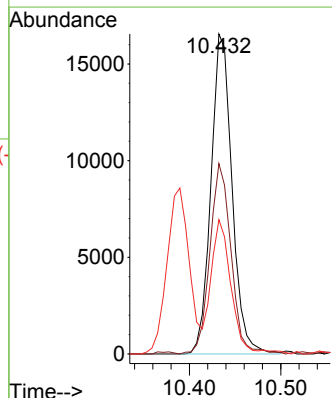
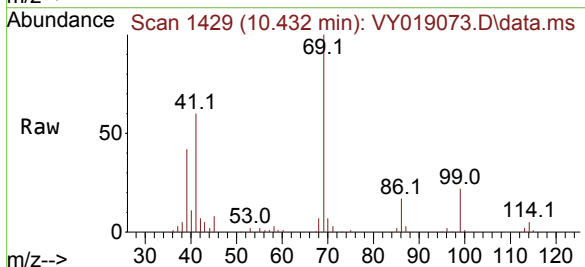
Tgt Ion: 69 Resp: 26560

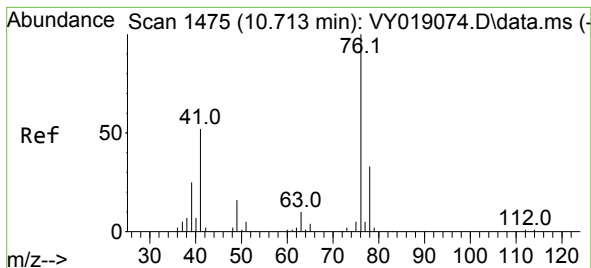
Ion Ratio Lower Upper

69 100

41 59.6 42.3 63.5

39 37.0 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 20.282 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

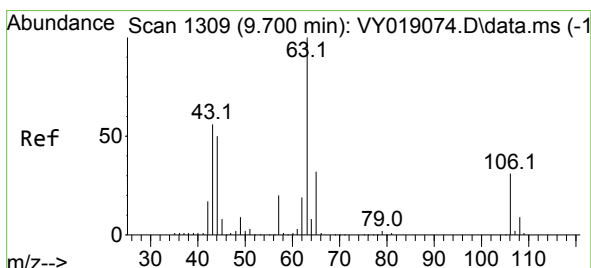
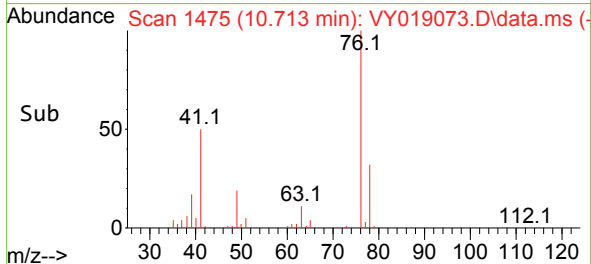
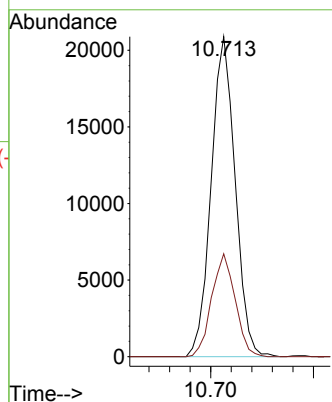
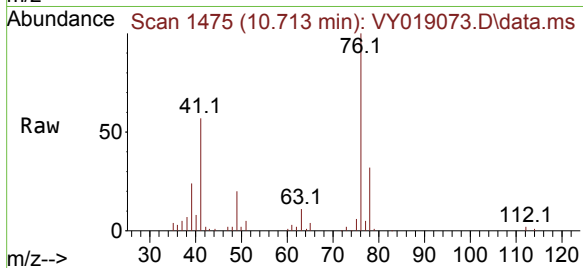
ClientSampleId :

Tgt Ion: 76 Resp: 33810

Ion Ratio Lower Upper

76 100

78 31.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 101.315 ug/l

RT: 9.701 min Scan# 1309

Delta R.T. 0.000 min

Lab File: VY019073.D

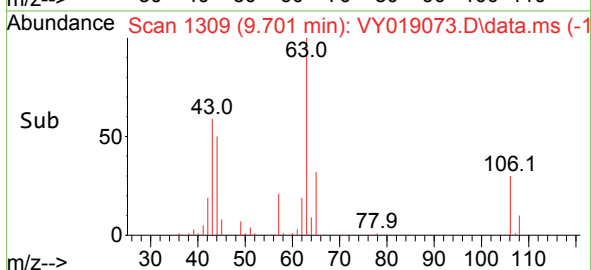
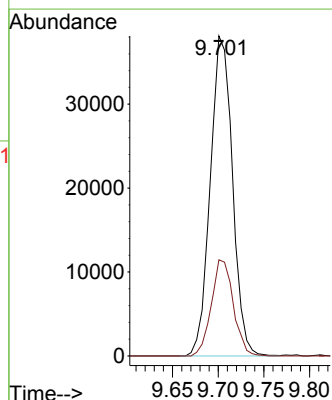
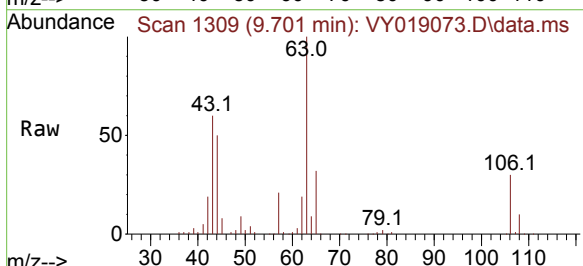
Acq: 15 Aug 2024 18:37

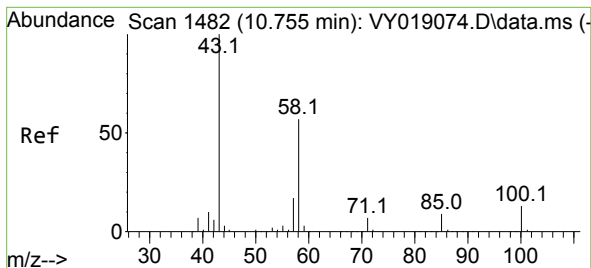
Tgt Ion: 63 Resp: 64332

Ion Ratio Lower Upper

63 100

106 29.8 23.7 35.5





#59

2-Hexanone

Concen: 100.451 ug/l

RT: 10.755 min Scan# 1482

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

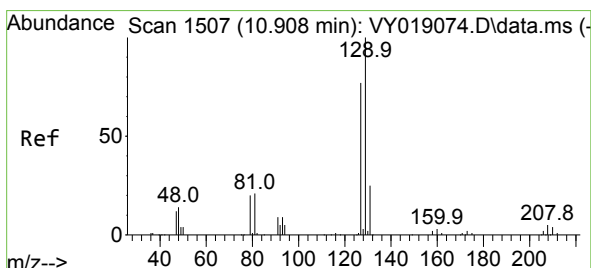
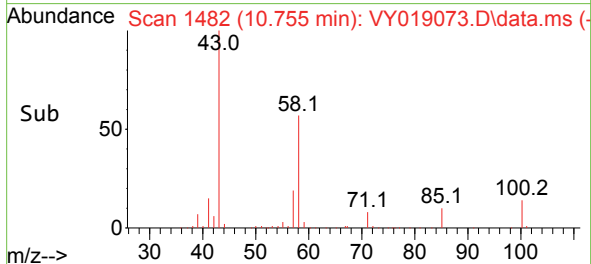
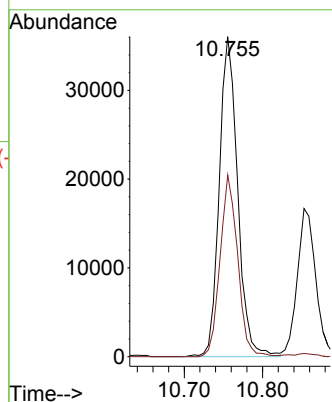
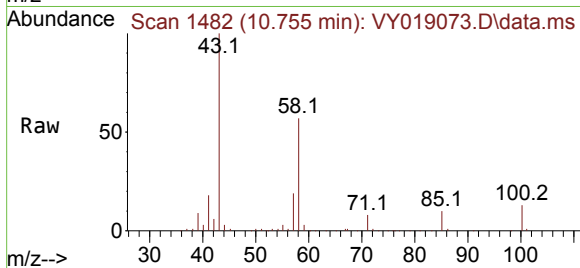
ClientSampleId :

Tgt Ion: 43 Resp: 58823

Ion Ratio Lower Upper

43 100

58 54.4 31.4 94.0



#60

Dibromochloromethane

Concen: 20.211 ug/l

RT: 10.902 min Scan# 1506

Delta R.T. -0.006 min

Lab File: VY019073.D

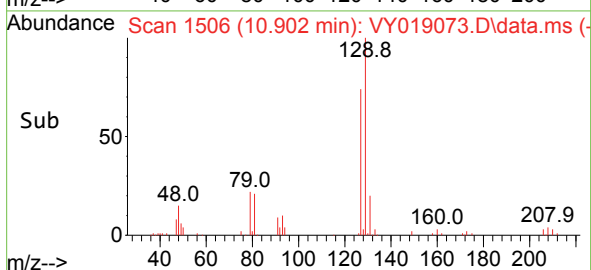
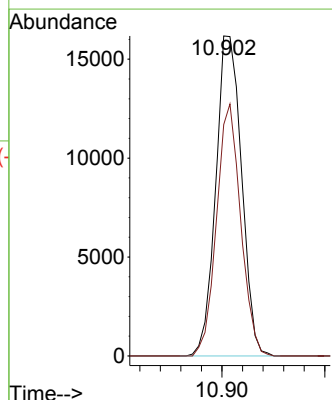
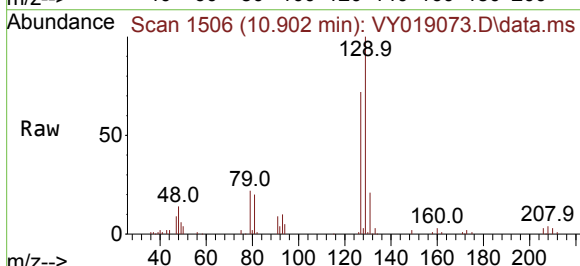
Acq: 15 Aug 2024 18:37

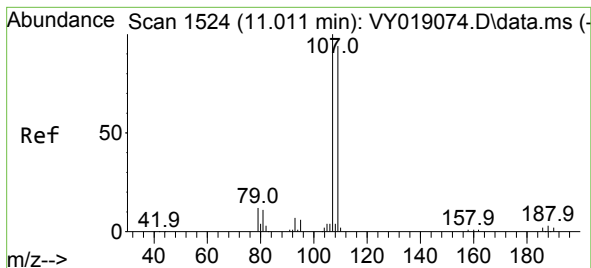
Tgt Ion:129 Resp: 28149

Ion Ratio Lower Upper

129 100

127 73.8 39.0 117.0

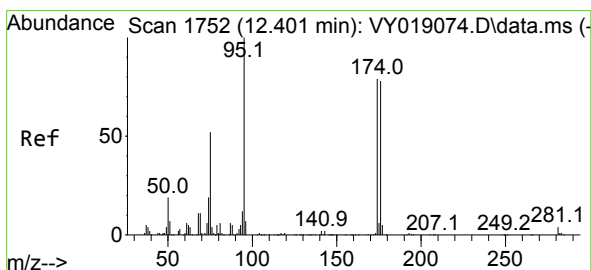
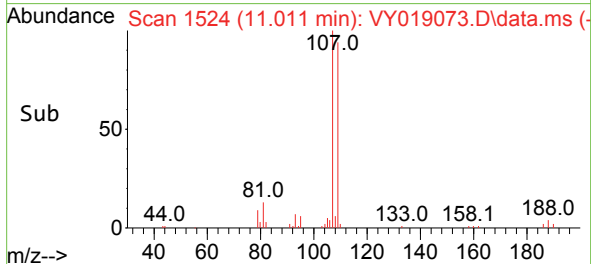
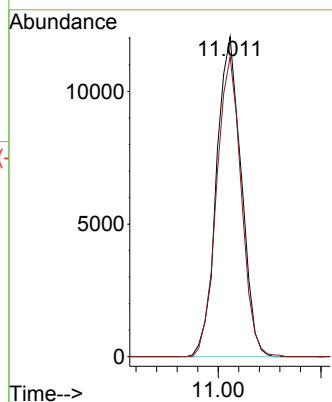
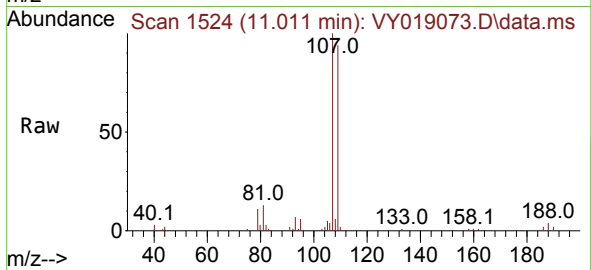




#61
1,2-Dibromoethane
Concen: 20.362 ug/l
RT: 11.011 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

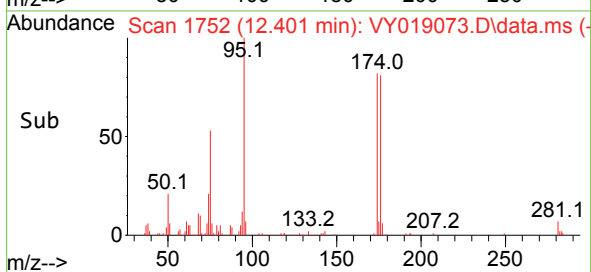
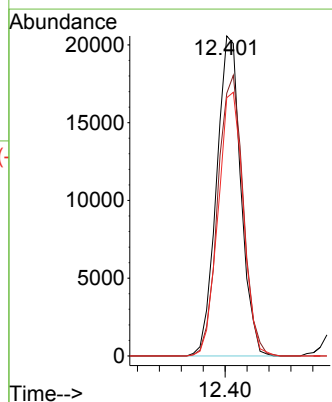
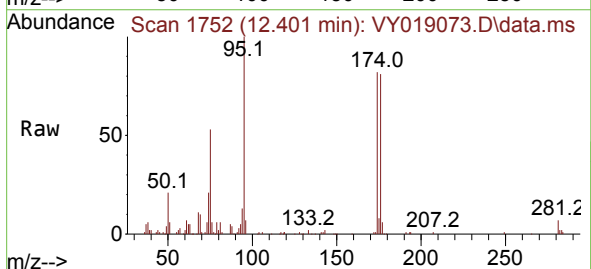
Instrument :
MSVOA_Y
ClientSampleId :

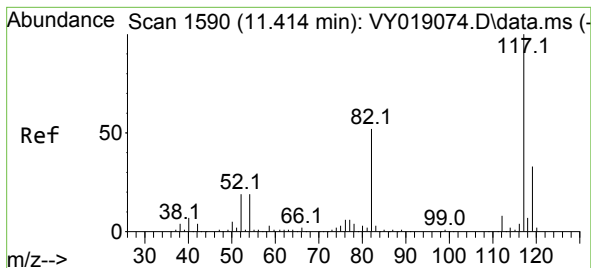
Tgt Ion:107 Resp: 20125
Ion Ratio Lower Upper
107 100
109 93.6 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 19.801 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 95 Resp: 31705
Ion Ratio Lower Upper
95 100
174 91.1 0.0 175.6
176 85.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

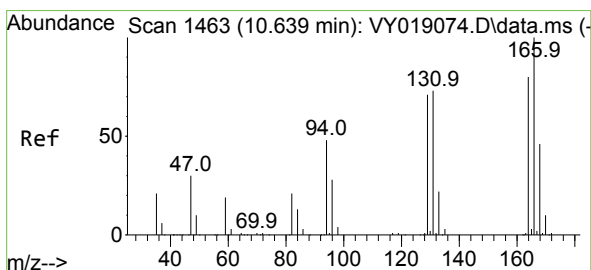
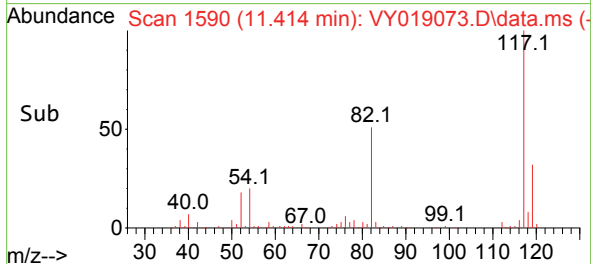
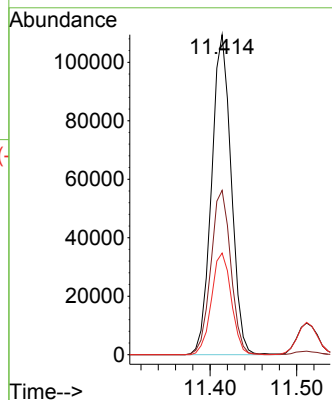
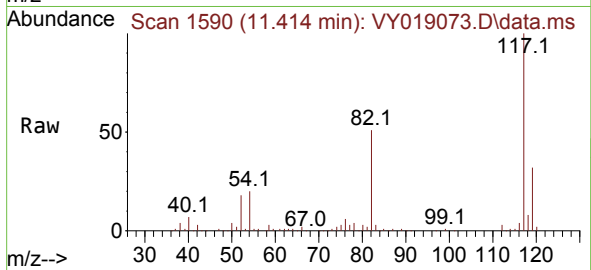
Tgt Ion:117 Resp: 172380

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 20.000 ug/l

RT: 10.640 min Scan# 1463

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Tgt Ion:164 Resp: 30135

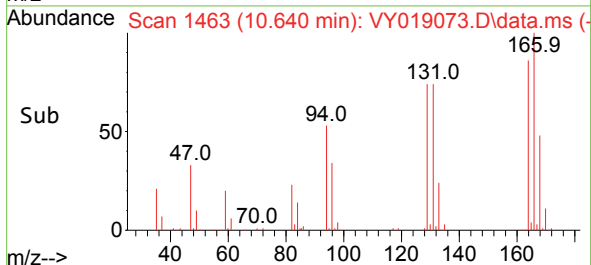
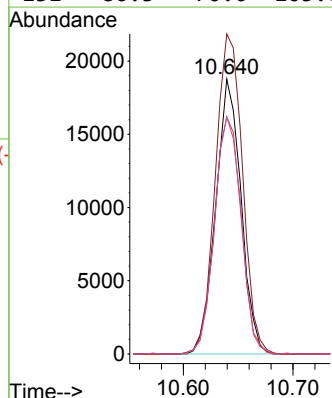
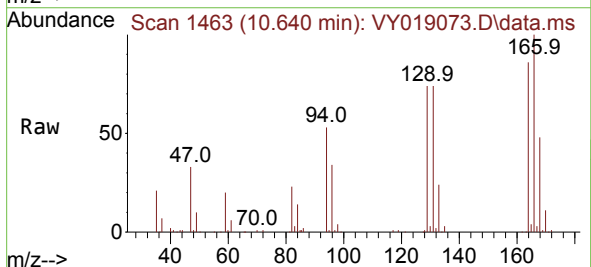
Ion Ratio Lower Upper

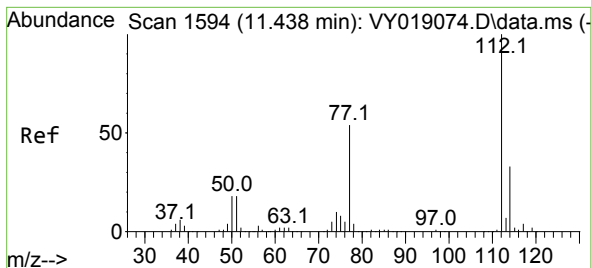
164 100

166 116.5 102.6 154.0

129 86.1 72.0 108.0

131 86.3 70.0 105.0





#65

Chlorobenzene

Concen: 19.636 ug/l

RT: 11.438 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

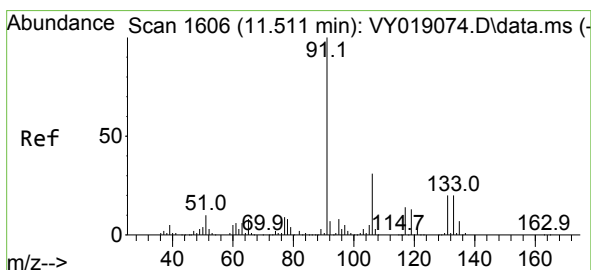
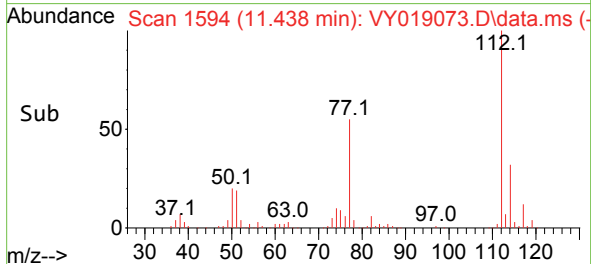
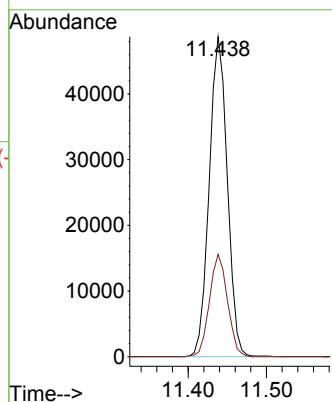
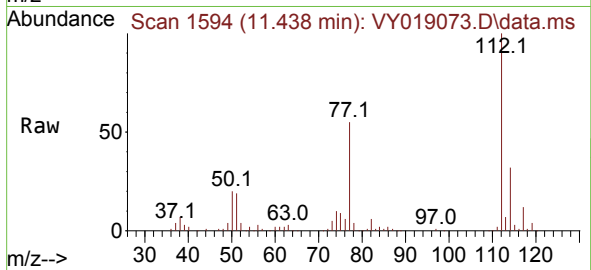
ClientSampleId :

Tgt Ion:112 Resp: 77941

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 19.670 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

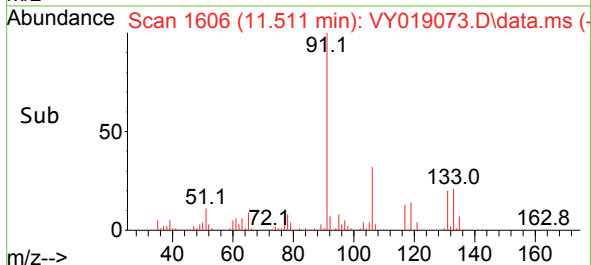
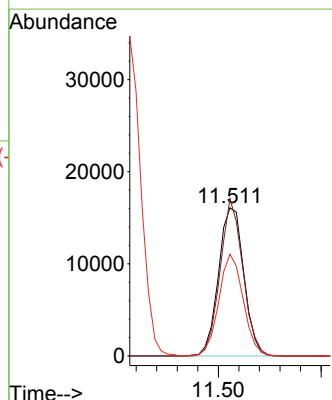
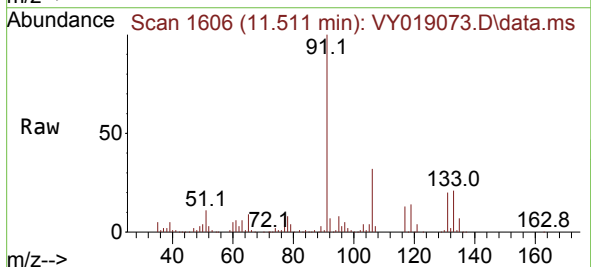
Tgt Ion:131 Resp: 27457

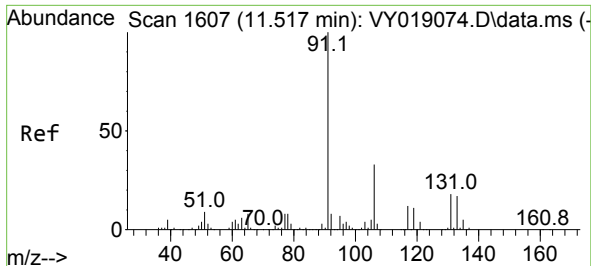
Ion Ratio Lower Upper

131 100

133 95.6 47.8 143.3

119 66.2 34.1 102.2

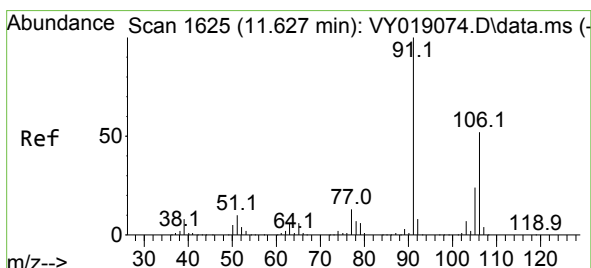
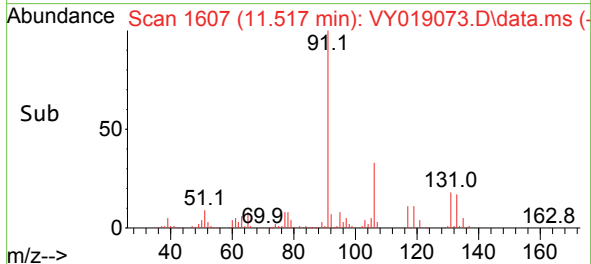
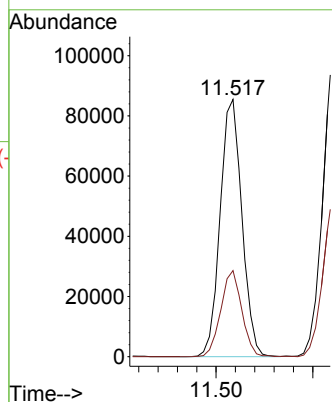
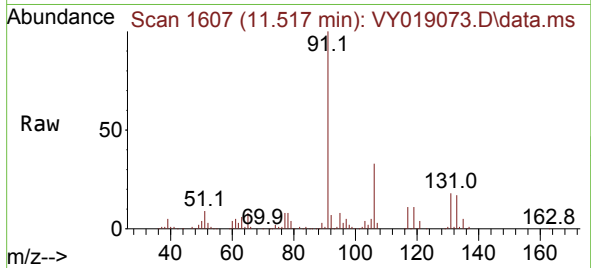




#67
Ethyl Benzene
Concen: 19.345 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

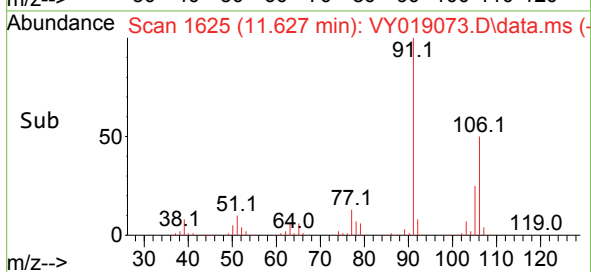
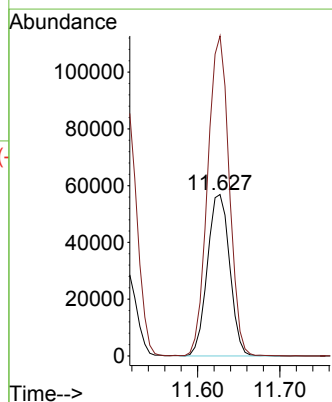
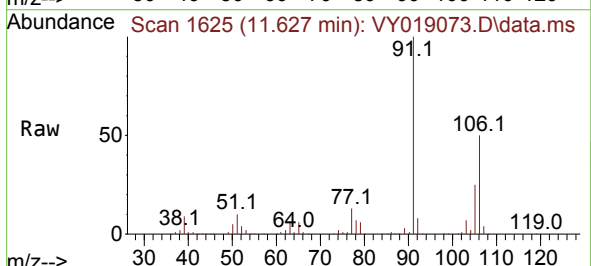
Instrument :
MSVOA_Y
ClientSampleId :

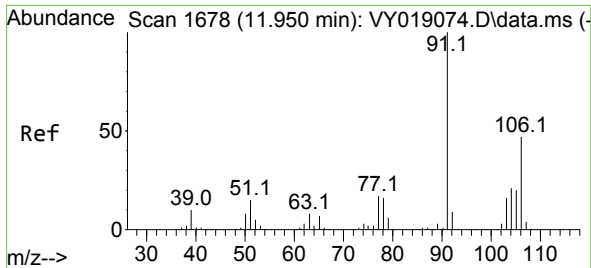
Tgt Ion: 91 Resp: 133275
Ion Ratio Lower Upper
91 100
106 33.4 24.5 36.7



#68
m/p-Xylenes
Concen: 39.201 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 106 Resp: 107159
Ion Ratio Lower Upper
106 100
91 191.5 156.0 234.0

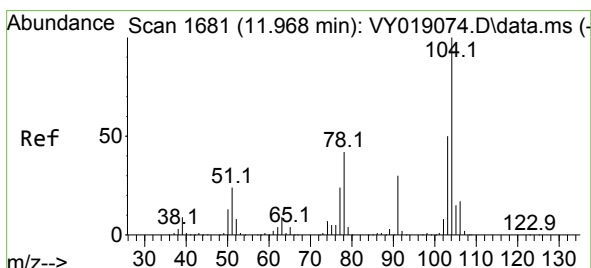
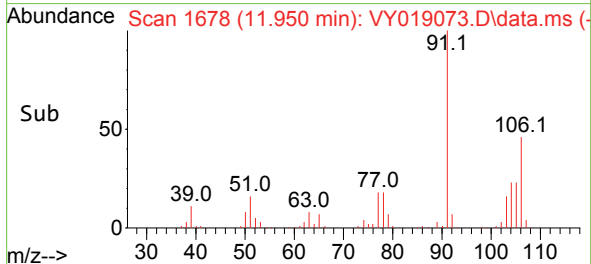
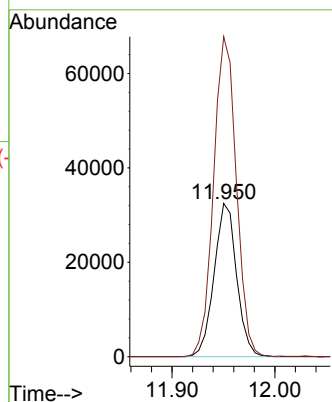
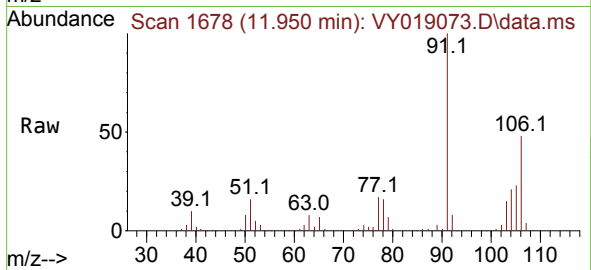




#69
o-Xylene
Concen: 19.463 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

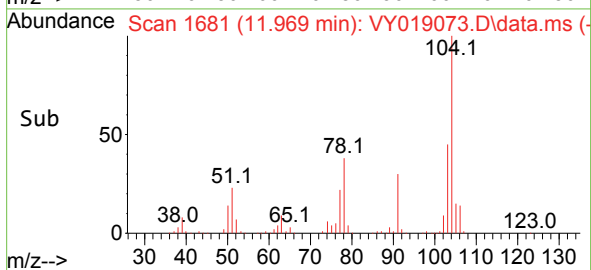
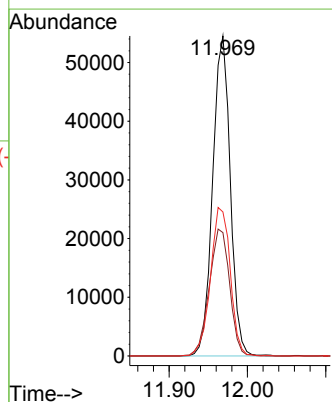
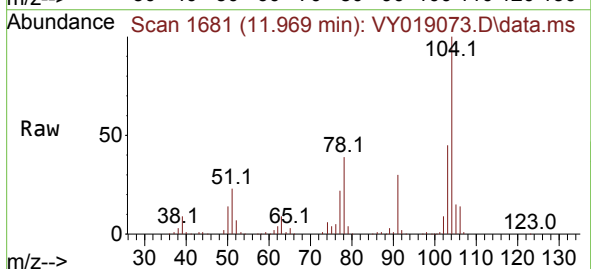
Instrument :
MSVOA_Y
ClientSampleId :

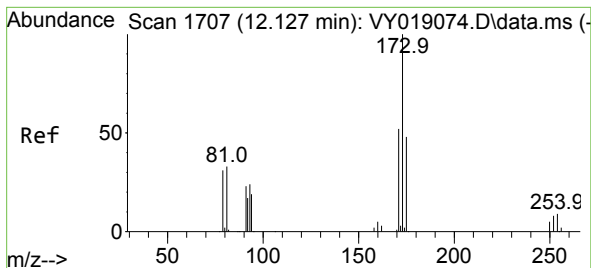
Tgt Ion:106 Resp: 49270
Ion Ratio Lower Upper
106 100
91 211.5 103.6 310.8



#70
Styrene
Concen: 19.710 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion:104 Resp: 85087
Ion Ratio Lower Upper
104 100
78 46.0 37.0 55.4
103 52.2 44.2 66.2





#71

Bromoform

Concen: 19.503 ug/l

RT: 12.127 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019073.D

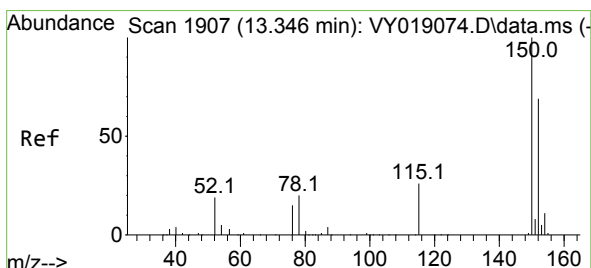
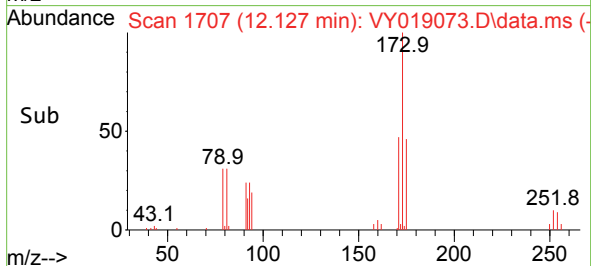
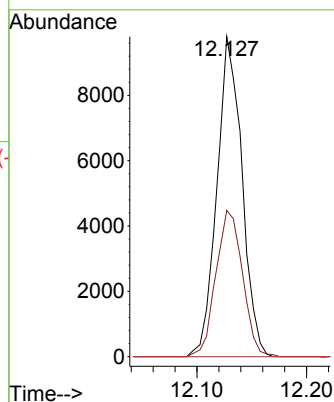
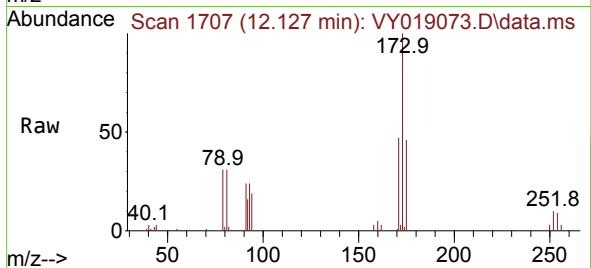
Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	15562
Ion Ratio	Lower	Upper
173	100	
175	48.6	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

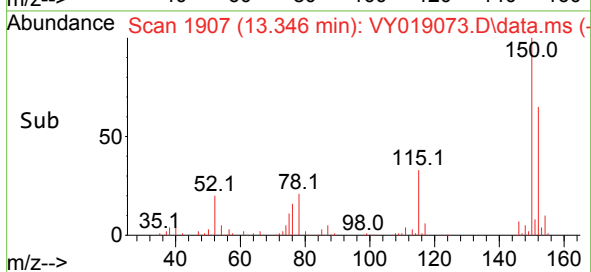
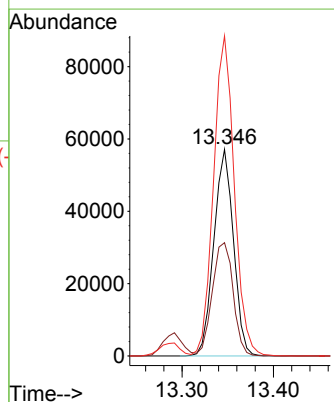
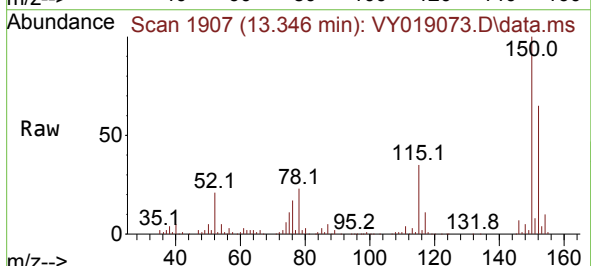
RT: 13.346 min Scan# 1907

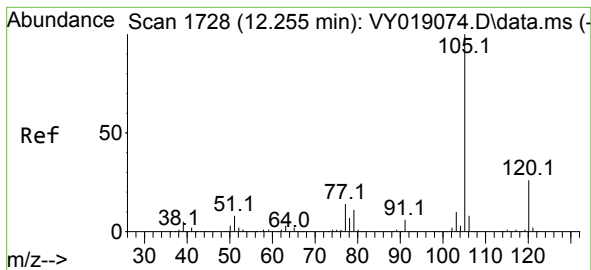
Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Tgt Ion:152	Resp:	85159
Ion Ratio	Lower	Upper
152	100	
115	58.2	28.2 84.7
150	163.9	0.0 345.6





#73

Isopropylbenzene

Concen: 19.695 ug/l

RT: 12.249 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

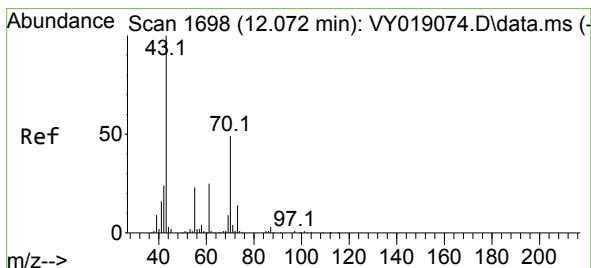
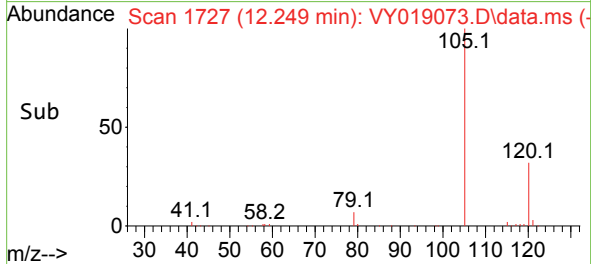
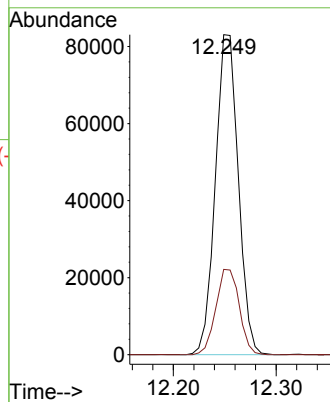
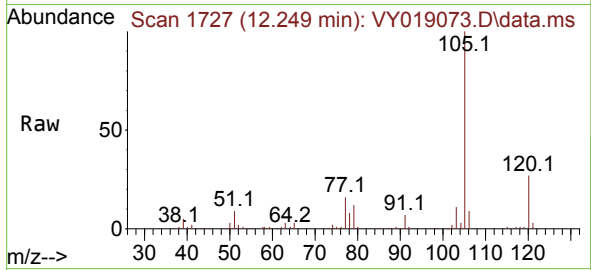
ClientSampleId :

Tgt Ion:105 Resp: 128550

Ion Ratio Lower Upper

105 100

120 27.1 13.4 40.1



#74

N-ethyl acetate

Concen: 20.089 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Tgt Ion: 43 Resp: 28592

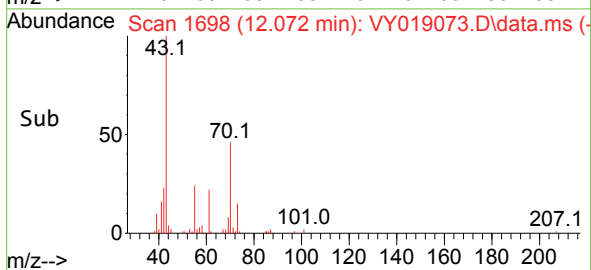
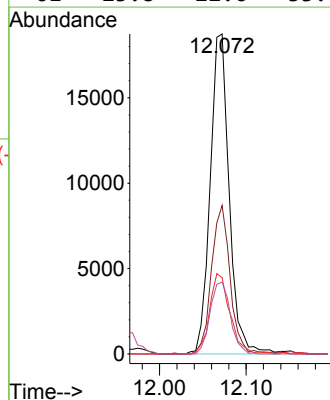
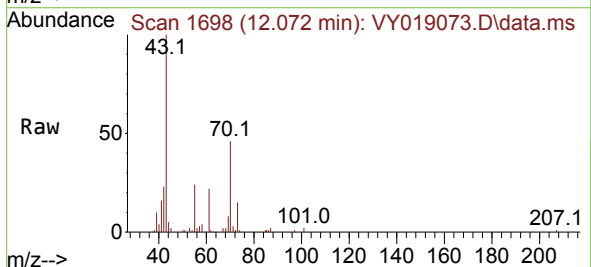
Ion Ratio Lower Upper

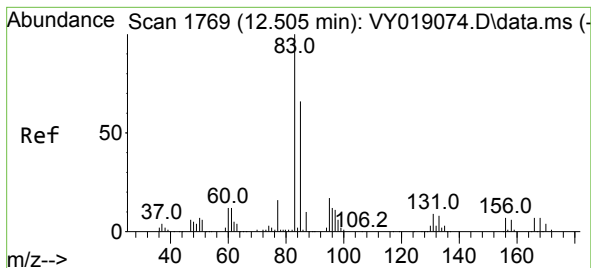
43 100

70 45.9 41.4 62.2

55 26.8 23.3 34.9

61 23.8 22.6 33.8

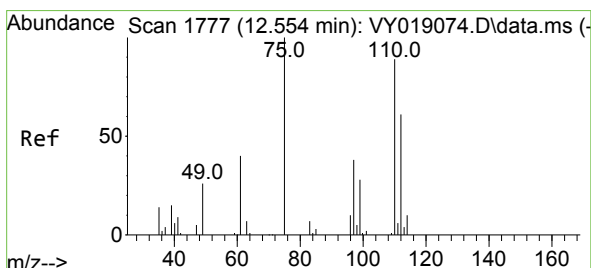
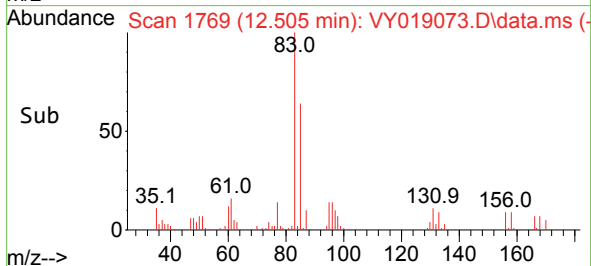
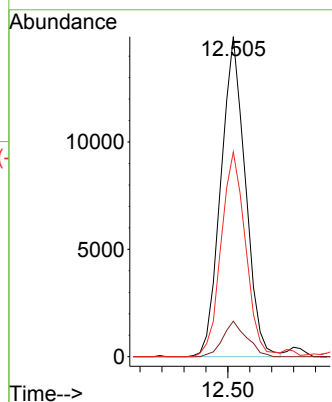
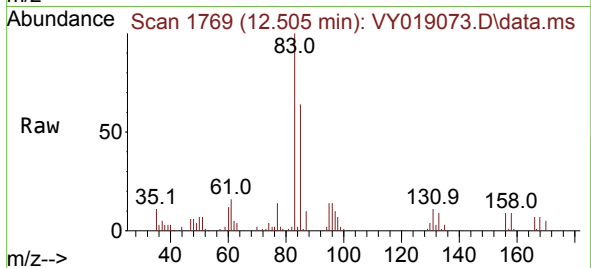




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.922 ug/l
 RT: 12.505 min Scan# 1769
 Delta R.T. 0.000 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

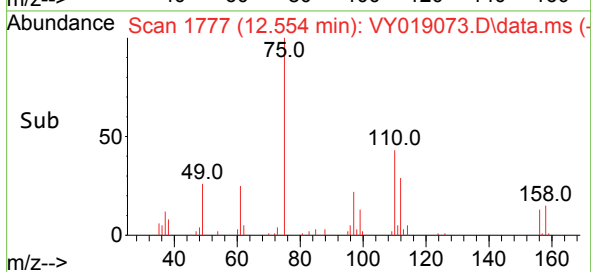
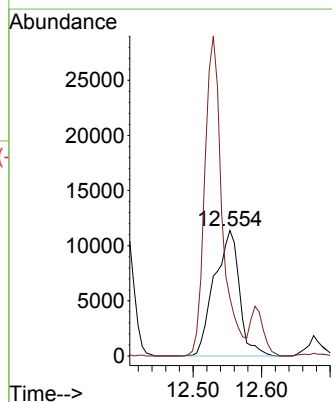
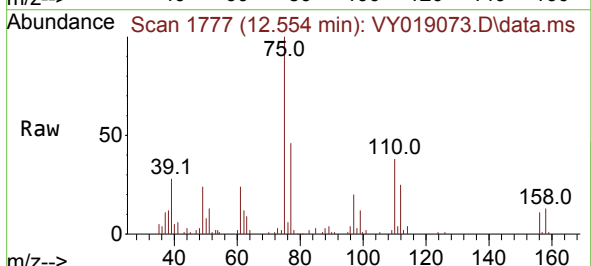
Instrument :
 MSVOA_Y
 ClientSampleId :

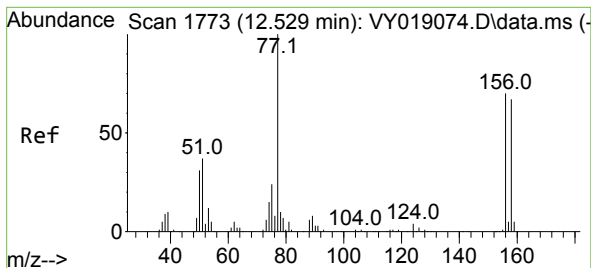
Tgt Ion: 83 Resp: 23149
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.0 14.9
 85 63.9 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 35.742 ug/l
 RT: 12.554 min Scan# 1777
 Delta R.T. 0.000 min
 Lab File: VY019073.D
 Acq: 15 Aug 2024 18:37

Tgt Ion: 75 Resp: 28910
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.923 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

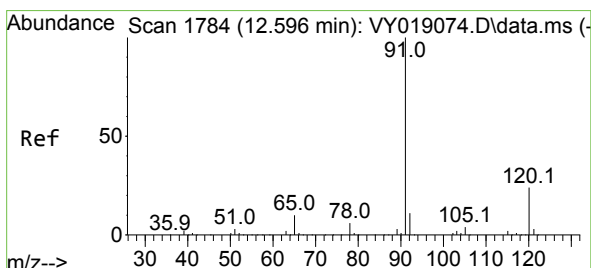
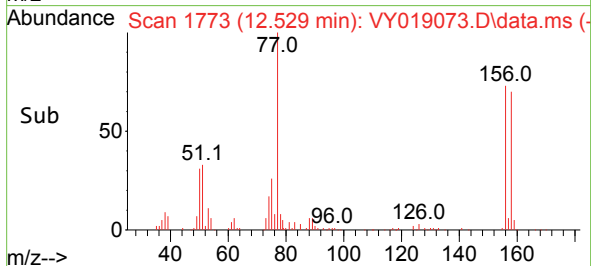
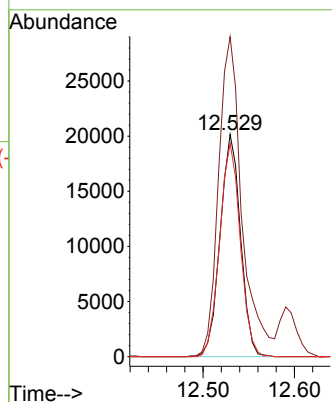
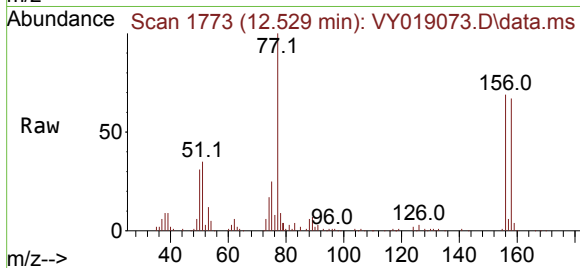
Tgt Ion:156 Resp: 31230

Ion Ratio Lower Upper

156 100

77 165.5 87.1 261.3

158 96.9 48.6 145.9



#78

n-propylbenzene

Concen: 19.621 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019073.D

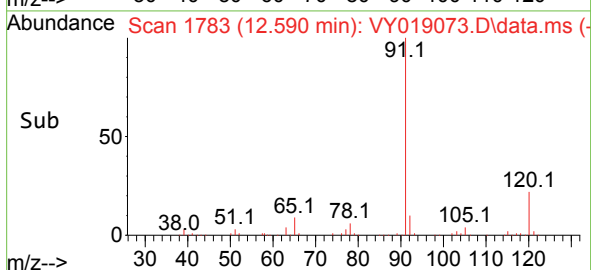
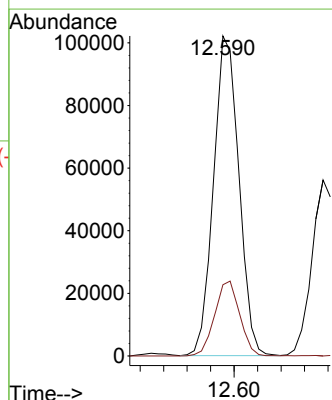
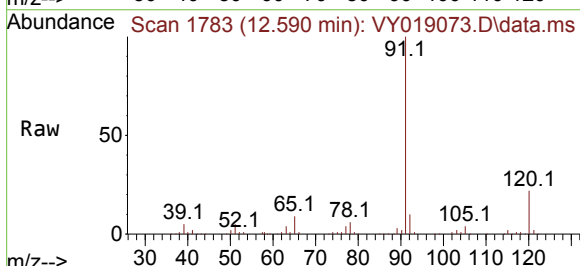
Acq: 15 Aug 2024 18:37

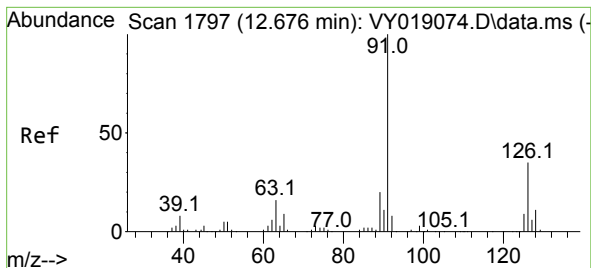
Tgt Ion: 91 Resp: 153094

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4

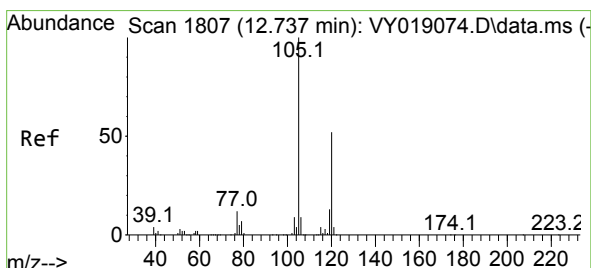
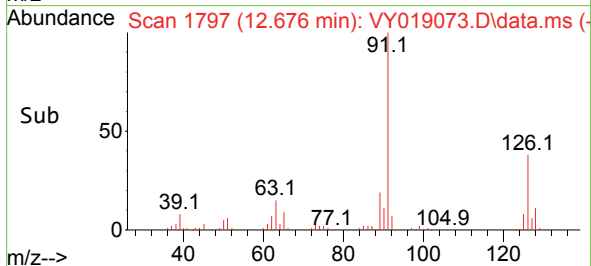
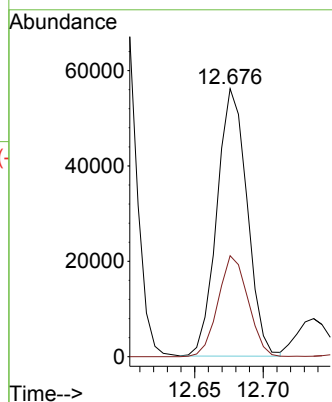
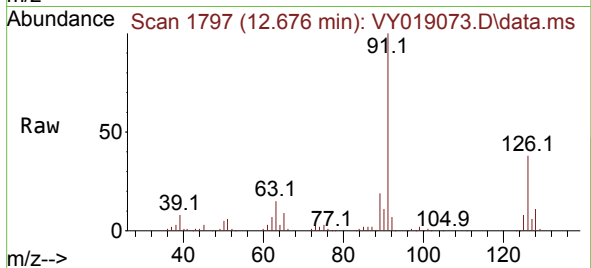




#79
2-Chlorotoluene
Concen: 19.649 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

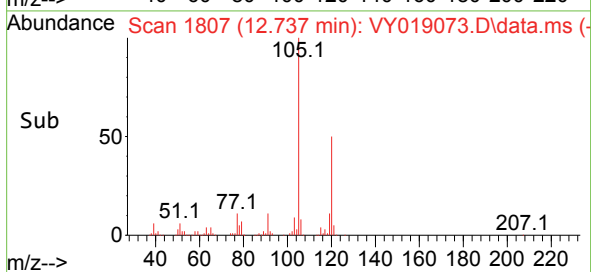
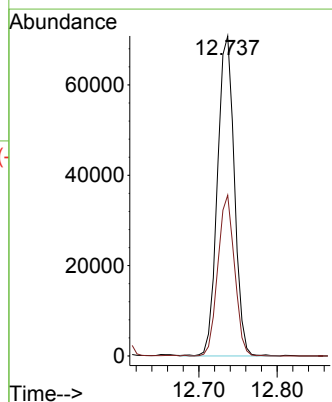
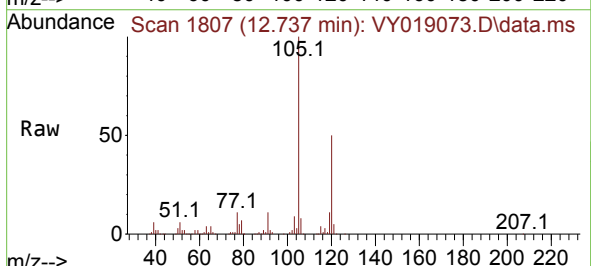
Instrument :
MSVOA_Y
ClientSampleId :

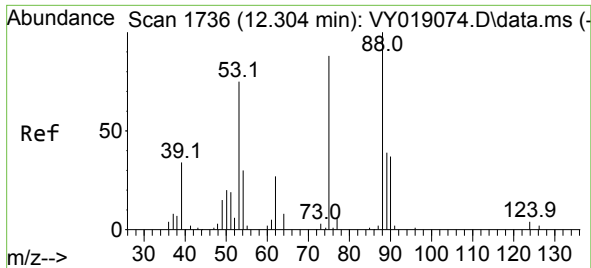
Tgt Ion: 91 Resp: 85953
Ion Ratio Lower Upper
91 100
126 37.5 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.989 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 105 Resp: 106288
Ion Ratio Lower Upper
105 100
120 49.7 25.1 75.2

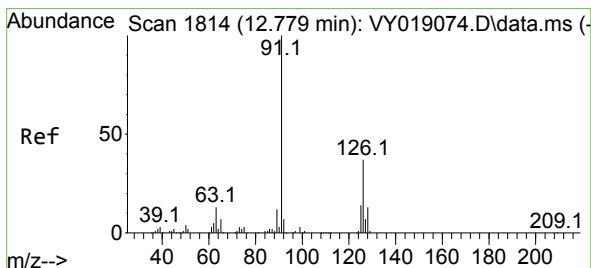
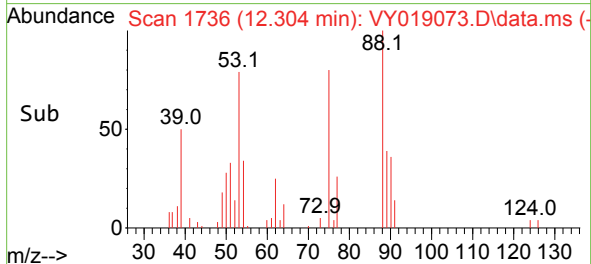
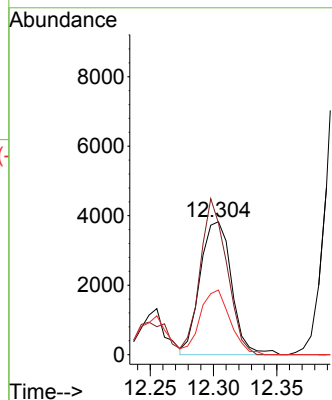
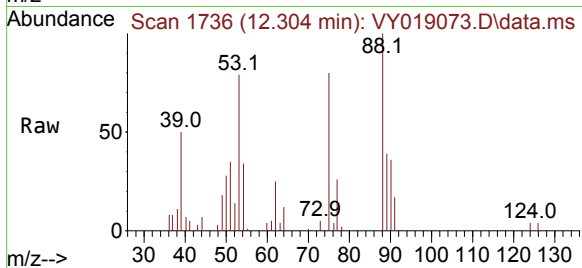




#81
trans-1,4-Dichloro-2-butene
Concen: 19.479 ug/l
RT: 12.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

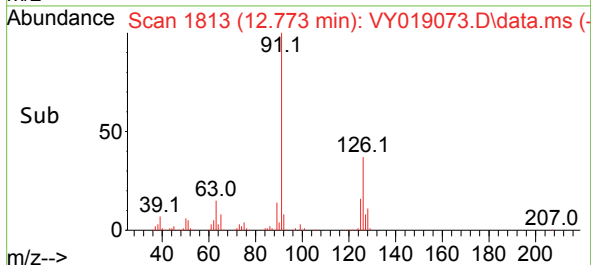
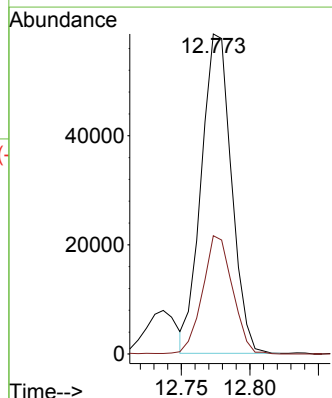
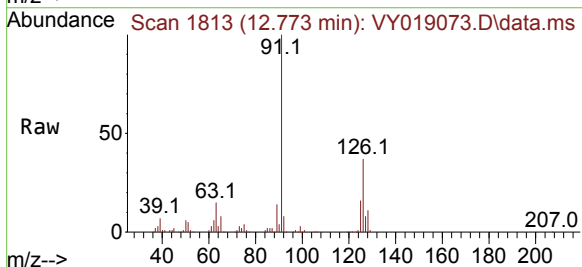
Instrument :
MSVOA_Y
ClientSampleId :

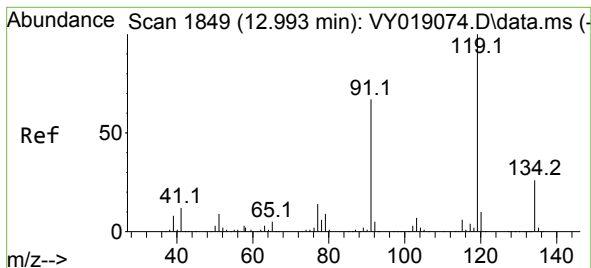
Tgt Ion: 75 Resp: 6624
Ion Ratio Lower Upper
75 100
53 99.5 66.8 100.2
89 46.6 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.677 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion: 91 Resp: 89551
Ion Ratio Lower Upper
91 100
126 36.9 17.6 52.9





#83

tert-Butylbenzene

Concen: 20.072 ug/l

RT: 12.993 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY019073.D

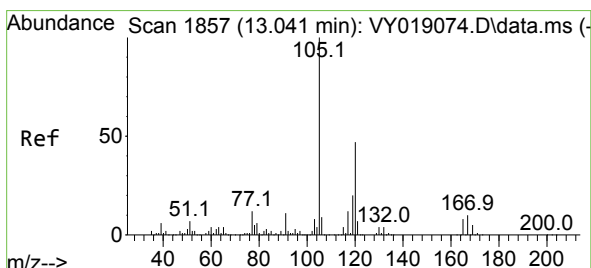
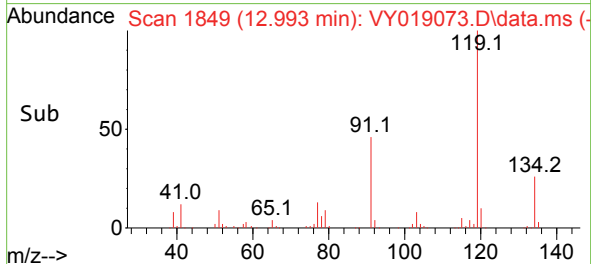
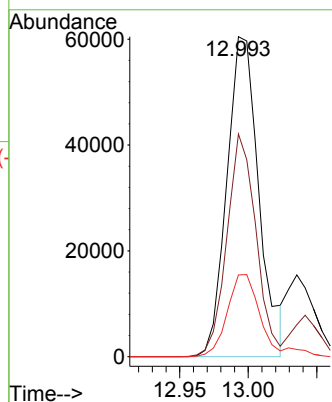
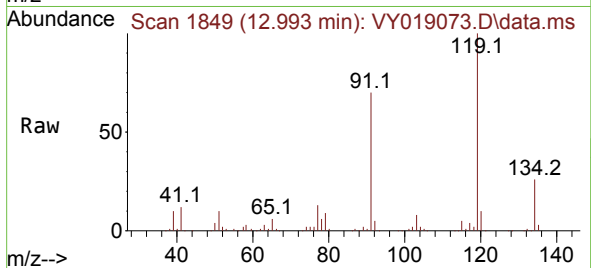
Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:119	Resp:	98562
Ion Ratio	Lower	Upper
119	100	
91	63.3	31.3 93.8
134	27.2	13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.041 ug/l

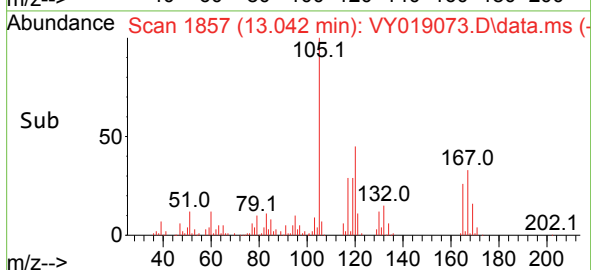
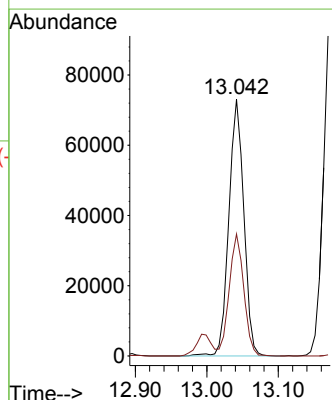
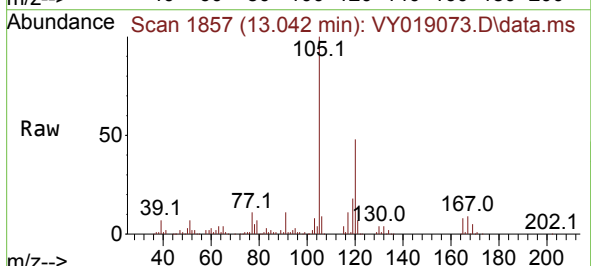
RT: 13.042 min Scan# 1857

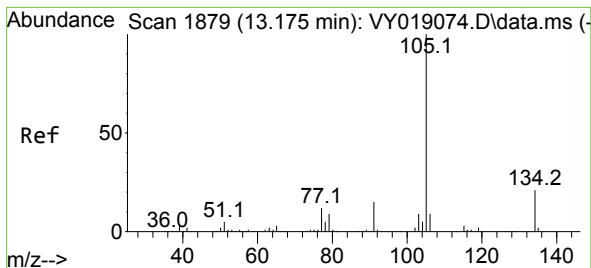
Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Tgt Ion:105	Resp:	106207
Ion Ratio	Lower	Upper
105	100	
120	46.7	23.2 69.6





#85

sec-Butylbenzene

Concen: 20.010 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

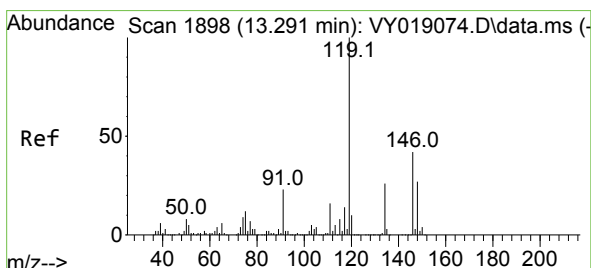
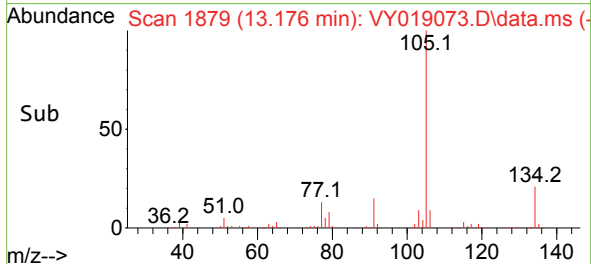
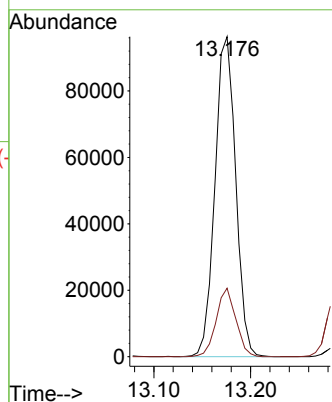
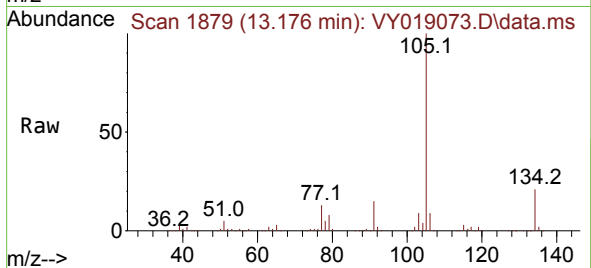
ClientSampleId :

Tgt Ion:105 Resp: 143188

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.753 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

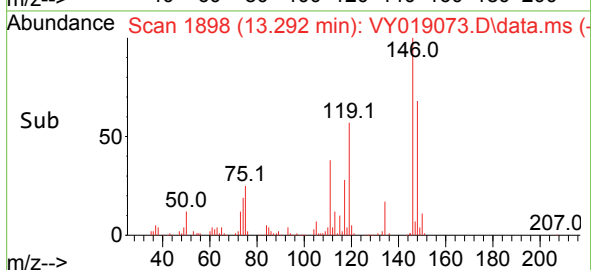
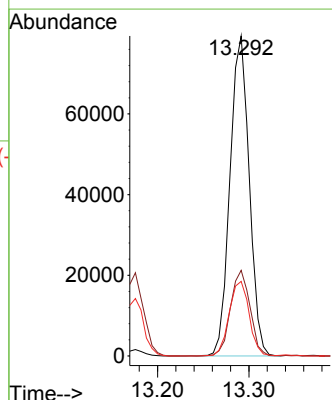
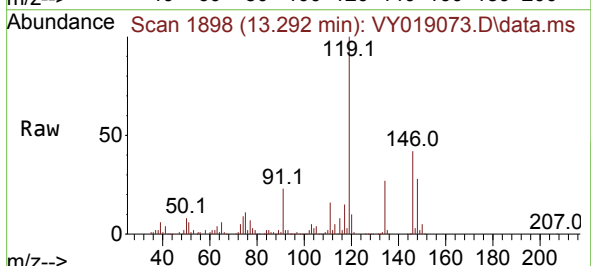
Tgt Ion:119 Resp: 116101

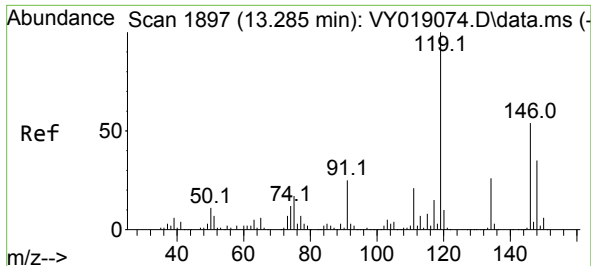
Ion Ratio Lower Upper

119 100

134 27.1 13.1 39.3

91 24.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.287 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

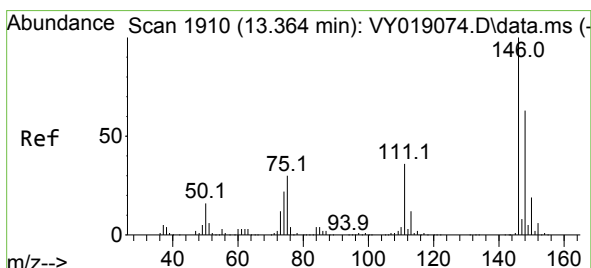
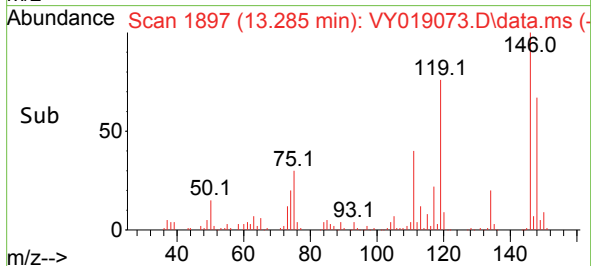
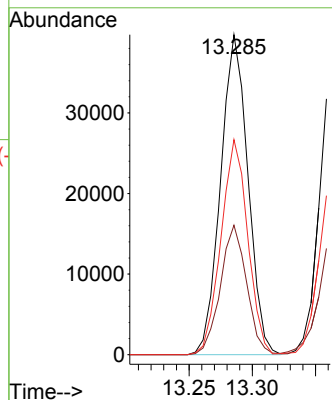
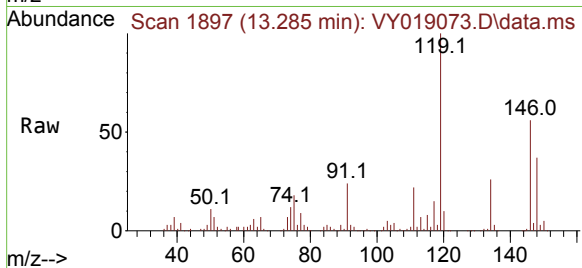
Tgt Ion:146 Resp: 59624

Ion Ratio Lower Upper

146 100

111 38.9 19.0 57.0

148 65.8 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.898 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

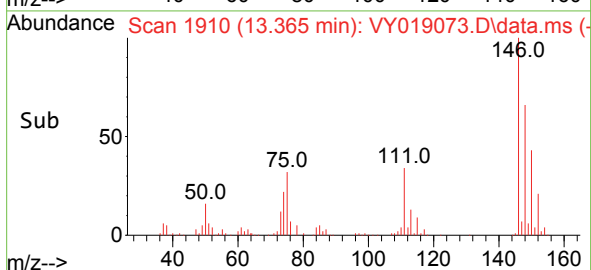
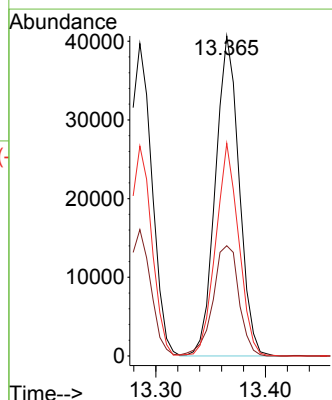
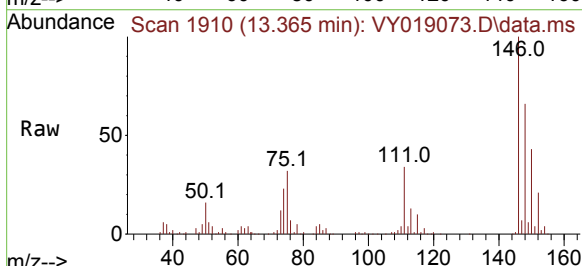
Tgt Ion:146 Resp: 61144

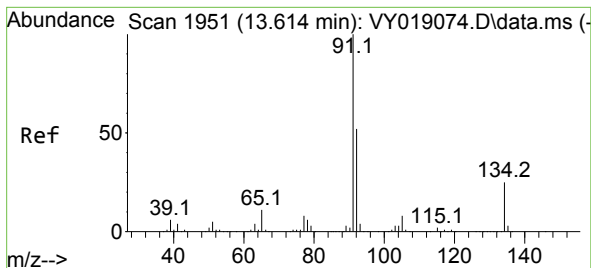
Ion Ratio Lower Upper

146 100

111 37.8 18.4 55.4

148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 20.401 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

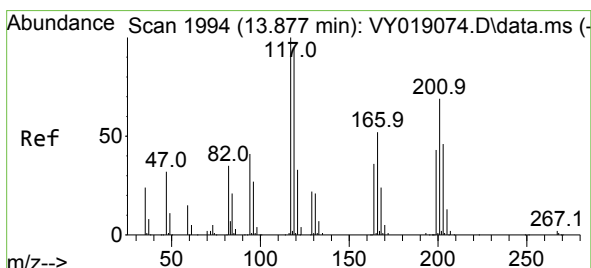
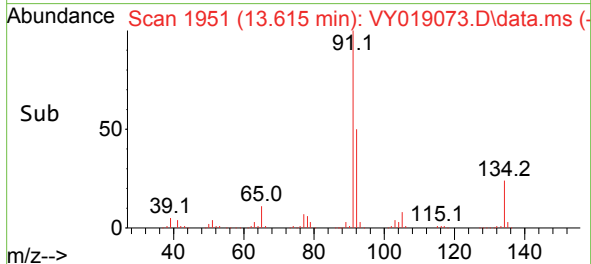
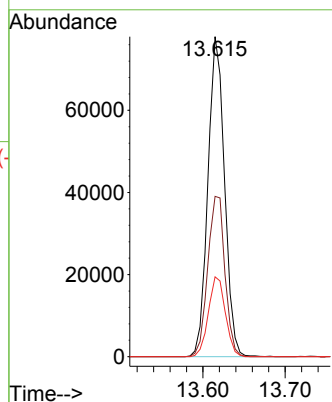
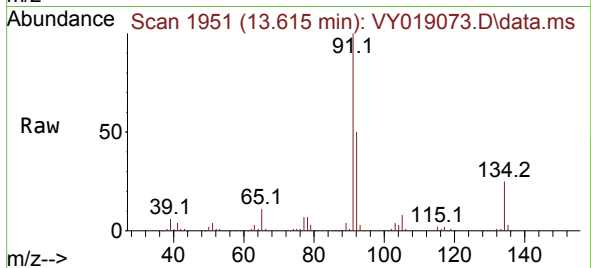
Tgt Ion: 91 Resp: 109323

Ion Ratio Lower Upper

91 100

92 51.9 26.6 79.7

134 25.6 12.9 38.7



#90

Hexachloroethane

Concen: 20.380 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. 0.000 min

Lab File: VY019073.D

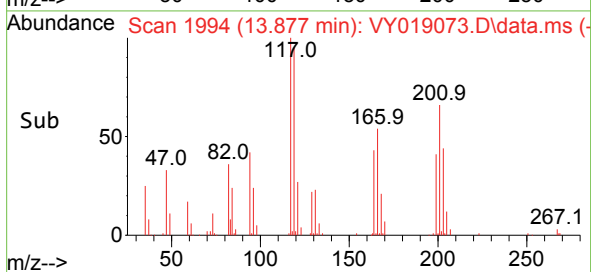
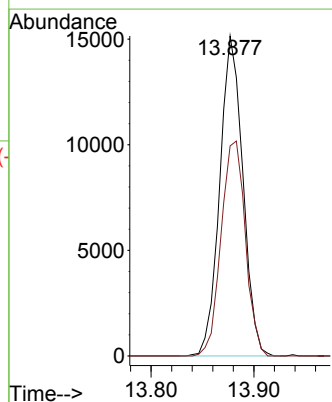
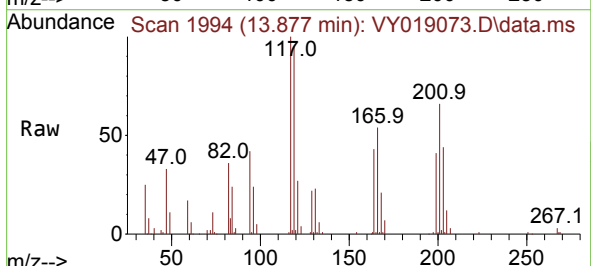
Acq: 15 Aug 2024 18:37

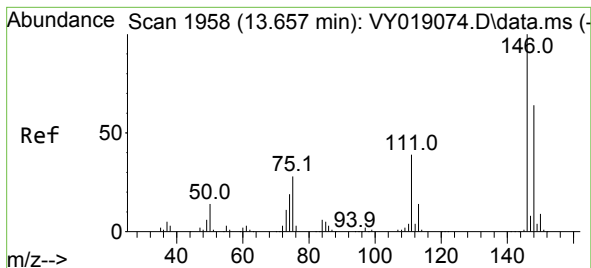
Tgt Ion: 117 Resp: 23610

Ion Ratio Lower Upper

117 100

201 70.6 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.136 ug/l

RT: 13.657 min Scan# 1958

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

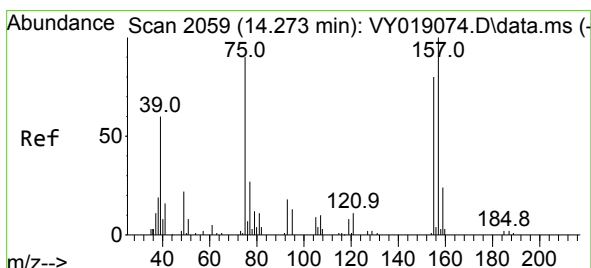
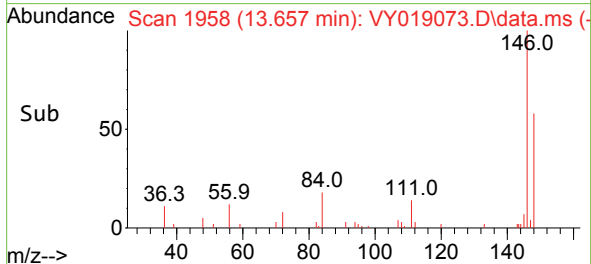
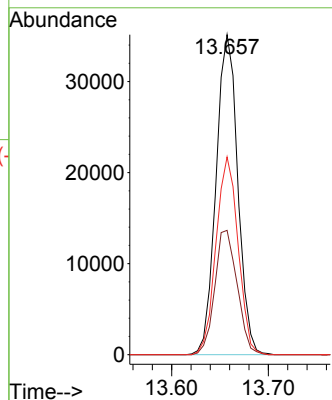
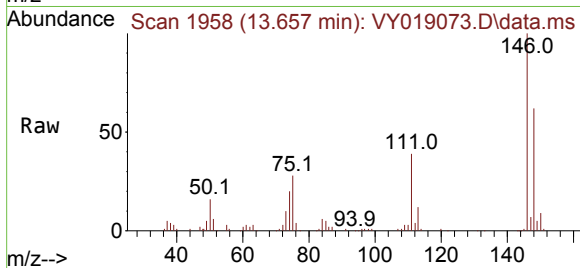
Tgt Ion:146 Resp: 54747

Ion Ratio Lower Upper

146 100

111 40.2 19.9 59.7

148 62.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.814 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

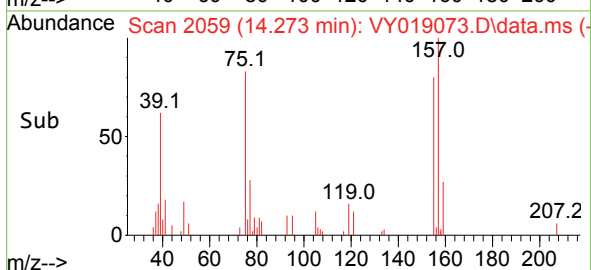
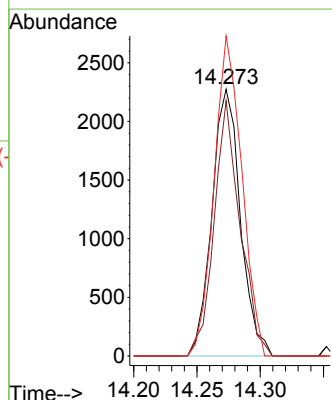
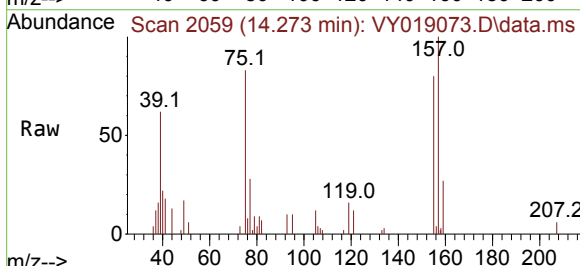
Tgt Ion: 75 Resp: 3558

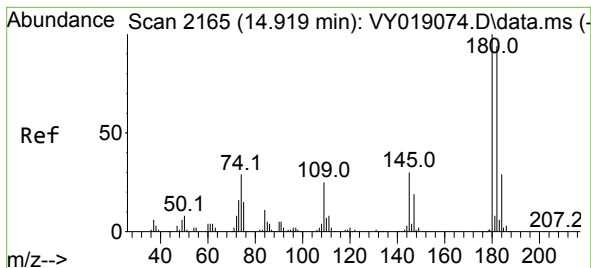
Ion Ratio Lower Upper

75 100

155 87.3 48.6 145.8

157 116.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.977 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

Instrument :

MSVOA_Y

ClientSampleId :

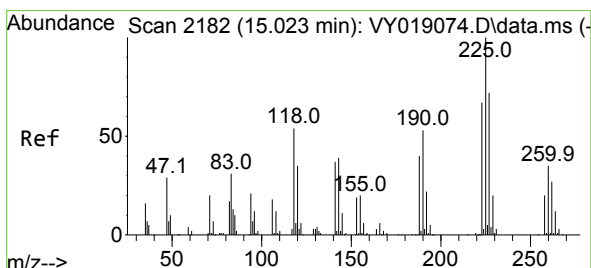
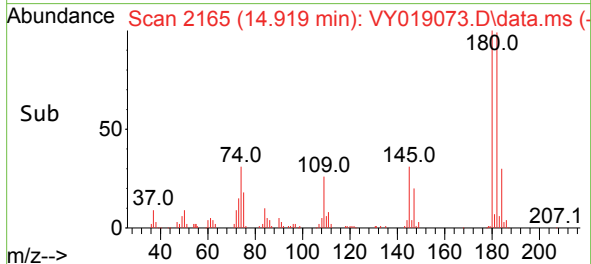
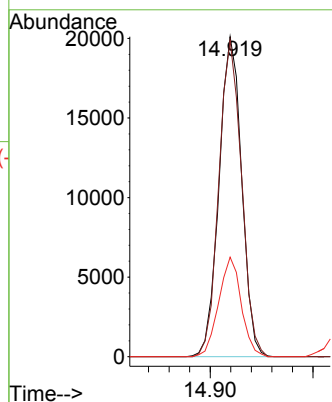
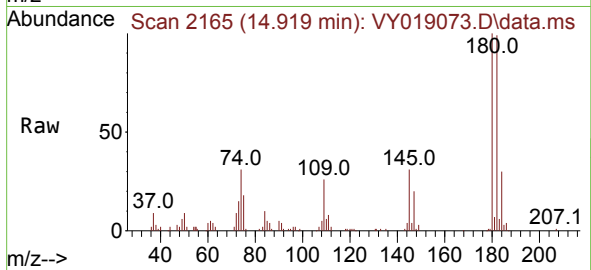
Tgt Ion:180 Resp: 30630

Ion Ratio Lower Upper

180 100

182 98.9 47.9 143.8

145 31.1 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.299 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019073.D

Acq: 15 Aug 2024 18:37

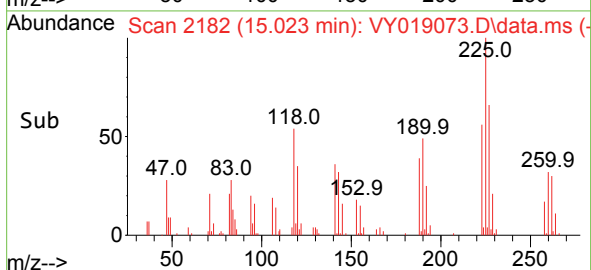
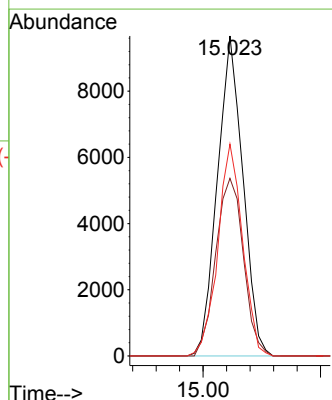
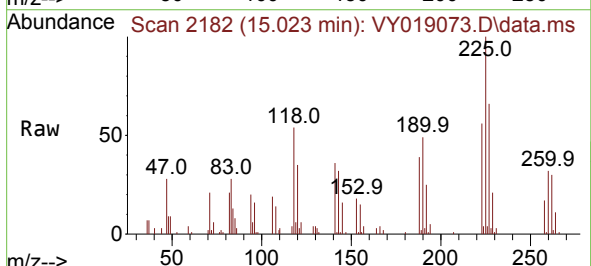
Tgt Ion:225 Resp: 14614

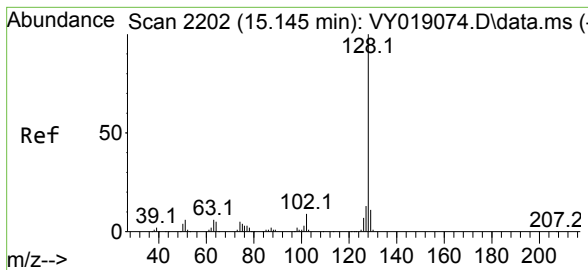
Ion Ratio Lower Upper

225 100

223 60.1 30.4 91.2

227 64.1 31.9 95.9

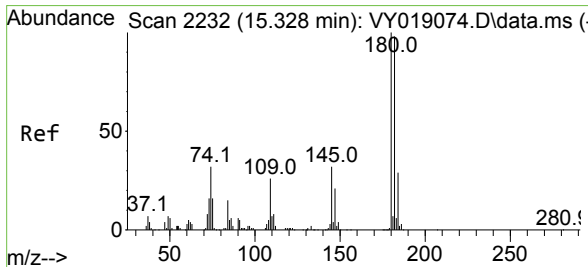
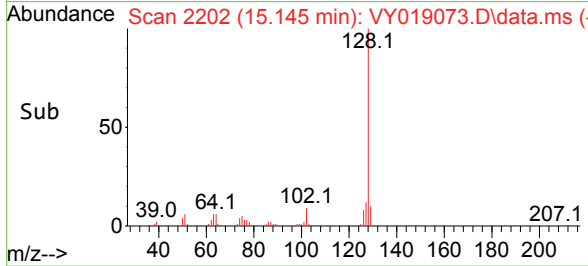
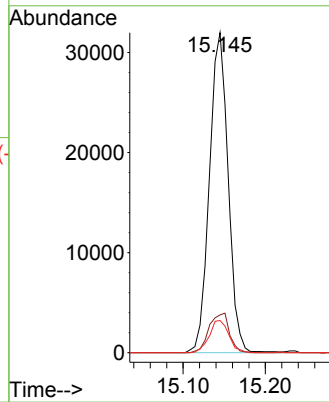
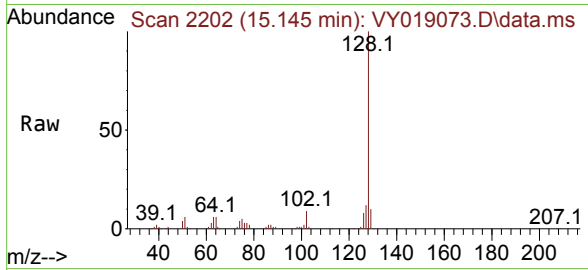




#95
Naphthalene
Concen: 18.474 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion:128	Resp:	50554
Ion Ratio	Lower	Upper
128	100	
127	13.4	10.6 16.0
129	10.5	8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 18.839 ug/l
RT: 15.328 min Scan# 2232
Delta R.T. 0.000 min
Lab File: VY019073.D
Acq: 15 Aug 2024 18:37

Tgt Ion:180	Resp:	24362
Ion Ratio	Lower	Upper
180	100	
182	95.0	47.6 142.9
145	33.8	15.4 46.1

