

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082323\
 Data File : VY015287.D
 Acq On : 23 Aug 2023 17:44
 Operator : SY/MD
 Sample : VY0823SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 24 02:34:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Aug 14 12:43:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	160878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	261094	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	236318	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	120043	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	102188	52.915	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.820%	
35) Dibromofluoromethane	7.710	113	90202	53.701	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.400%	
50) Toluene-d8	10.179	98	328454	52.529	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 105.060%	
62) 4-Bromofluorobenzene	12.477	95	116250	50.901	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.800%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	16239	20.615	ug/l	97
3) Chloromethane	2.107	50	18779	17.028	ug/l	95
4) Vinyl Chloride	2.241	62	24226	18.924	ug/l	98
5) Bromomethane	2.619	94	20559	20.825	ug/l	99
6) Chloroethane	2.777	64	18469	19.871	ug/l	99
7) Trichlorofluoromethane	3.107	101	45496	21.092	ug/l	100
8) Diethyl Ether	3.521	74	17294	20.443	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.881	101	28300	21.110	ug/l	96
10) Methyl Iodide	4.076	142	21658	16.452	ug/l	99
11) Tert butyl alcohol	4.936	59	60535	186.262	ug/l #	92
12) 1,1-Dichloroethene	3.857	96	22252	19.878	ug/l	99
13) Acrolein	3.716	56	17670	114.883	ug/l	99
14) Allyl chloride	4.460	41	39992	20.150	ug/l	97
15) Acrylonitrile	5.149	53	65516	114.278	ug/l	100
16) Acetone	3.942	43	75053	118.964	ug/l	91
17) Carbon Disulfide	4.180	76	32288	16.389	ug/l	98
18) Methyl Acetate	4.466	43	52014	22.498	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	99065	20.812	ug/l	96
20) Methylene Chloride	4.704	84	52153	33.010	ug/l	88
21) trans-1,2-Dichloroethene	5.204	96	24947	19.757	ug/l	95
22) Diisopropyl ether	6.112	45	104524	21.105	ug/l	93
23) Vinyl Acetate	6.045	43	303516	102.709	ug/l	95
24) 1,1-Dichloroethane	6.003	63	56139	20.938	ug/l	98
25) 2-Butanone	6.978	43	105055	117.607	ug/l	96
26) 2,2-Dichloropropane	6.972	77	51896	20.078	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	35185	20.398	ug/l	97
28) Bromochloromethane	7.325	49	28445	23.091	ug/l	100
29) Tetrahydrofuran	7.344	42	59736	111.839	ug/l	94
30) Chloroform	7.496	83	63523	21.134	ug/l	99
31) Cyclohexane	7.777	56	37329	20.114	ug/l #	82
32) 1,1,1-Trichloroethane	7.697	97	52920	20.690	ug/l	99
36) 1,1-Dichloropropene	7.911	75	37515	20.188	ug/l	99
37) Ethyl Acetate	7.069	43	39712	22.926	ug/l	98
38) Carbon Tetrachloride	7.892	117	43941	19.980	ug/l	98
39) Methylcyclohexane	9.179	83	41610	19.974	ug/l	94
40) Benzene	8.155	78	116876	20.803	ug/l	99

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 ClientSampleId :

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.344	41	54369	60.871	ug/l #	40
42) 1,2-Dichloroethane	8.234	62	43558	21.348	ug/l	94
43) Isopropyl Acetate	8.270	43	67866	21.515	ug/l	99
44) Trichloroethene	8.935	130	33968	20.986	ug/l	96
45) 1,2-Dichloropropane	9.209	63	33331	21.039	ug/l	98
46) Dibromomethane	9.301	93	21384	21.401	ug/l	95
47) Bromodichloromethane	9.496	83	49718	20.852	ug/l	99
48) Methyl methacrylate	9.289	41	30159	22.351	ug/l	94
49) 1,4-Dioxane	9.295	88	8674	434.119	ug/l #	52
51) 4-Methyl-2-Pentanone	10.069	43	210037	114.891	ug/l	95
52) Toluene	10.240	92	75775	20.463	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	49704	19.835	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	53134	20.134	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	33312	21.926	ug/l	97
56) Ethyl methacrylate	10.508	69	45120	20.292	ug/l	94
57) 1,3-Dichloropropane	10.788	76	54013	21.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	114337	110.496	ug/l	94
59) 2-Hexanone	10.831	43	157034	116.062	ug/l	94
60) Dibromochloromethane	10.983	129	37070	20.454	ug/l	99
61) 1,2-Dibromoethane	11.087	107	30798	21.339	ug/l	97
64) Tetrachloroethene	10.715	164	35777	21.730	ug/l	98
65) Chlorobenzene	11.514	112	90254	20.961	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	34861	19.954	ug/l	97
67) Ethyl Benzene	11.593	91	153519	20.350	ug/l	96
68) m/p-Xylenes	11.697	106	117106	40.871	ug/l	95
69) o-Xylene	12.026	106	57981	20.313	ug/l	98
70) Styrene	12.044	104	100318	20.307	ug/l	97
71) Bromoform	12.209	173	24974	19.719	ug/l #	98
73) Isopropylbenzene	12.325	105	160212	20.755	ug/l	100
74) N-amyl acetate	12.142	43	57792	20.736	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	43597	21.686	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	55587	38.114	ug/l #	100
77) Bromobenzene	12.605	156	38544	20.485	ug/l	94
78) n-propylbenzene	12.672	91	189865	20.713	ug/l	100
79) 2-Chlorotoluene	12.757	91	106934	20.222	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	130241	20.241	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	12967	19.529	ug/l	98
82) 4-Chlorotoluene	12.855	91	110588	20.243	ug/l	99
83) tert-Butylbenzene	13.074	119	118681	20.165	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	130490	20.295	ug/l	99
85) sec-Butylbenzene	13.251	105	177871	20.627	ug/l	99
86) p-Isopropyltoluene	13.367	119	147461	20.625	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	77572	20.786	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	78976	21.099	ug/l	99
89) n-Butylbenzene	13.696	91	140309	20.814	ug/l	97
90) Hexachloroethane	13.958	117	27314	19.258	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	72665	20.843	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8467	21.741	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	46198	20.640	ug/l	99
94) Hexachlorobutadiene	15.111	225	25518	20.960	ug/l	98
95) Naphthalene	15.233	128	115640	20.740	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	43262	21.402	ug/l	99

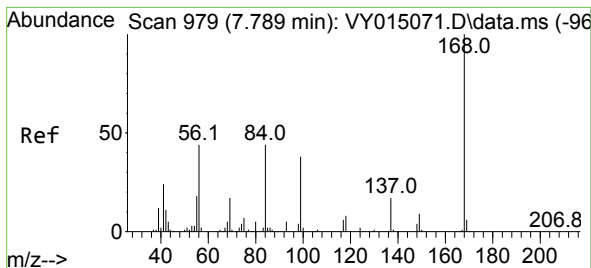
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Response via : Initial Calibration

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

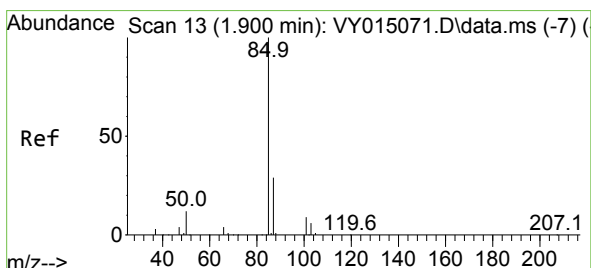
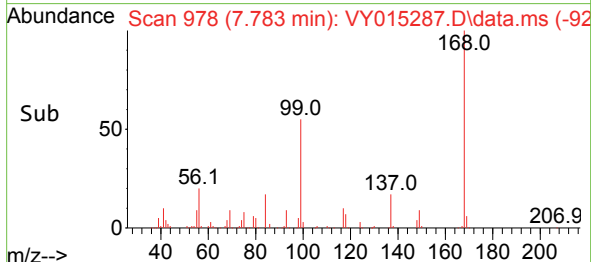
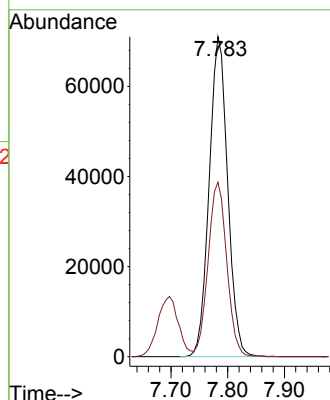
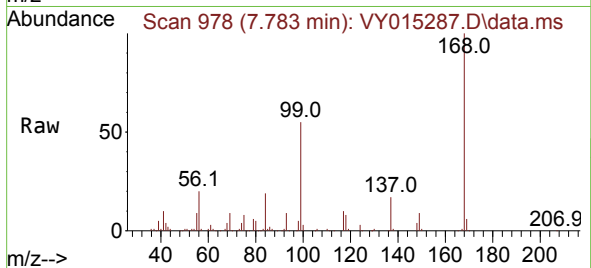
ClientSampleId :

Tgt Ion:168 Resp: 160878

Ion Ratio Lower Upper

168 100

99 54.5 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 20.615 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY015287.D

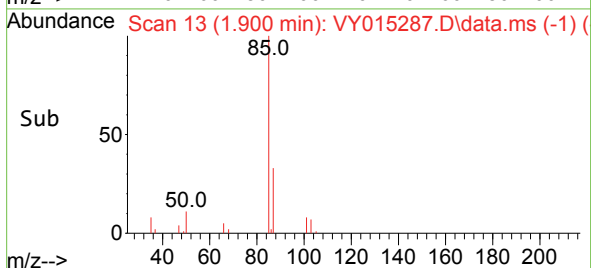
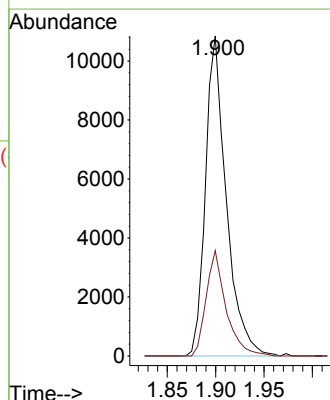
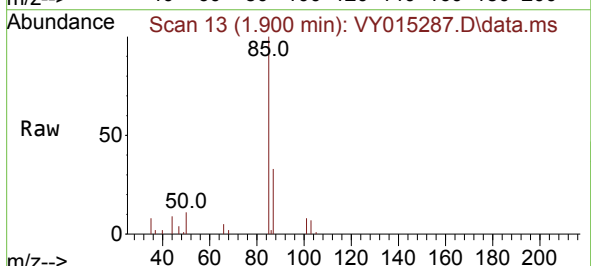
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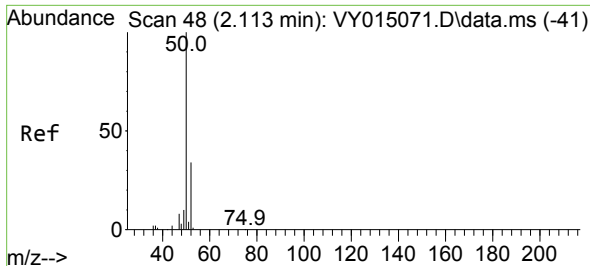
Tgt Ion: 85 Resp: 16239

Ion Ratio Lower Upper

85 100

87 32.9 15.6 46.8

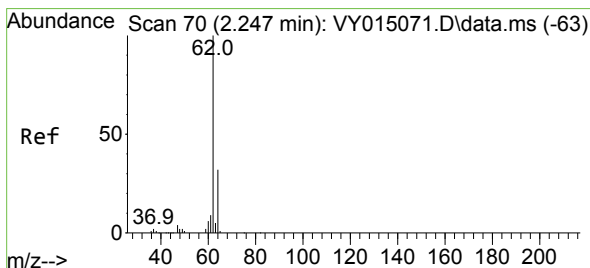
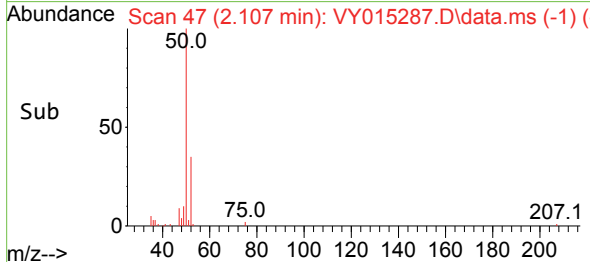
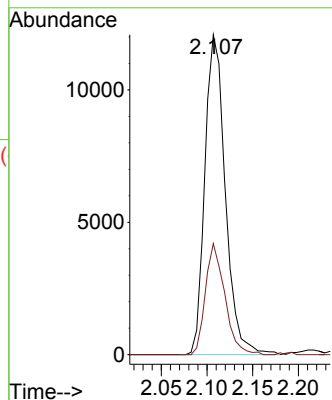
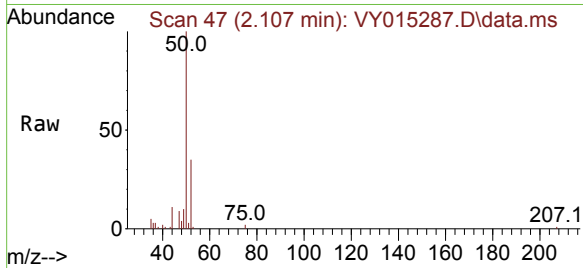




#3
Chloromethane
Concen: 17.028 ug/l
RT: 2.107 min Scan# 41
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

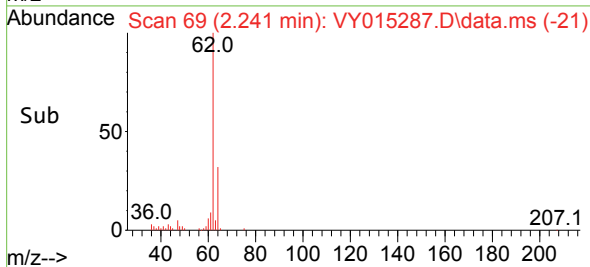
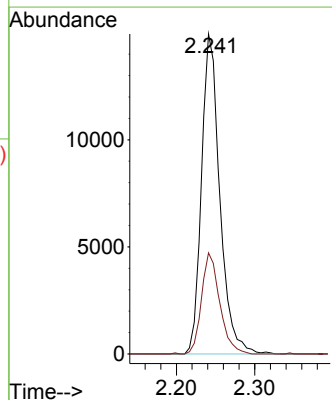
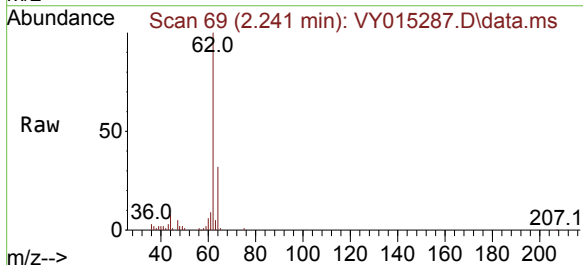
Instrument :
MSVOA_Y
ClientSampleId :

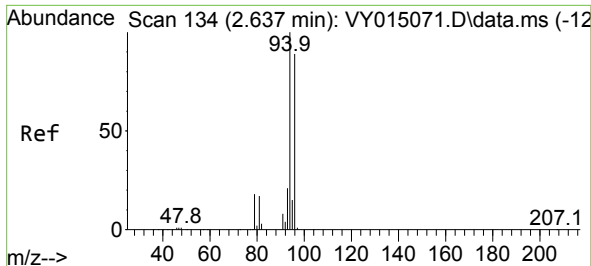
Tgt Ion: 50 Resp: 18779
Ion Ratio Lower Upper
50 100
52 34.7 25.4 38.2



#4
Vinyl Chloride
Concen: 18.924 ug/l
RT: 2.241 min Scan# 69
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

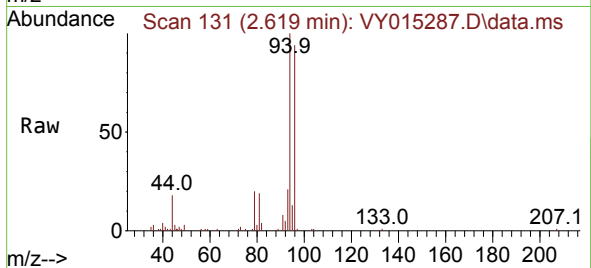
Tgt Ion: 62 Resp: 24226
Ion Ratio Lower Upper
62 100
64 31.6 24.3 36.5



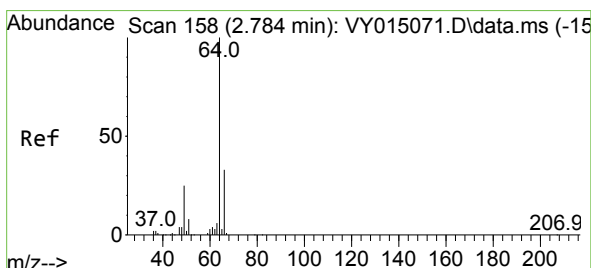
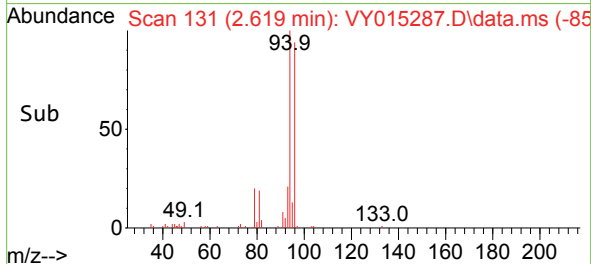
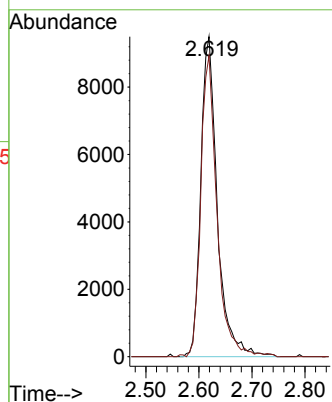


#5
Bromomethane
Concen: 20.825 ug/l
RT: 2.619 min Scan# 11
Delta R.T. -0.018 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

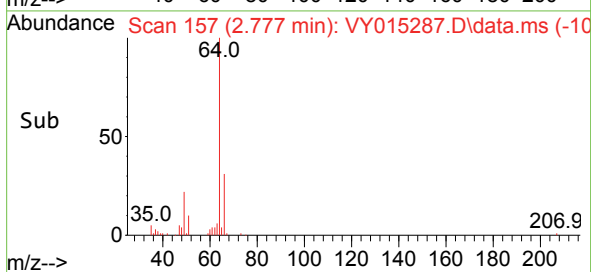
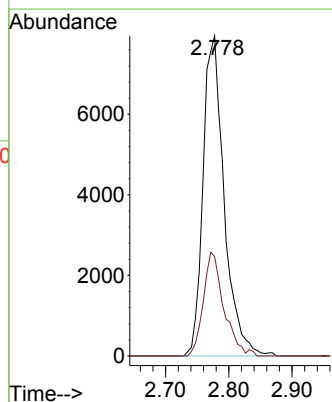
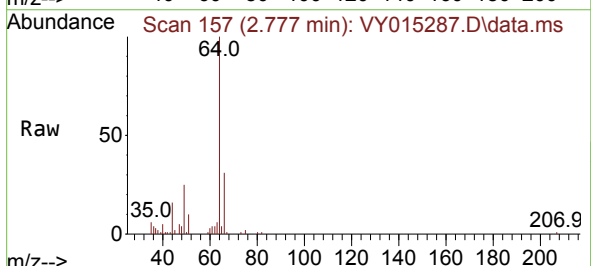


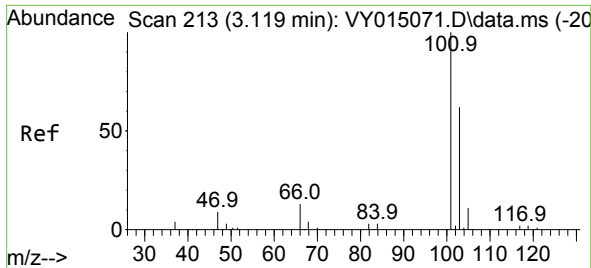
Tgt Ion: 94 Resp: 20559
Ion Ratio Lower Upper
94 100
96 94.0 75.8 113.6



#6
Chloroethane
Concen: 19.871 ug/l
RT: 2.777 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 64 Resp: 18469
Ion Ratio Lower Upper
64 100
66 31.1 24.4 36.6

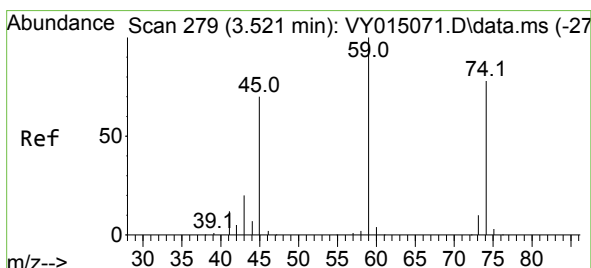
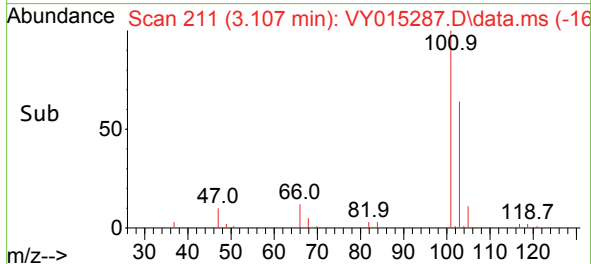
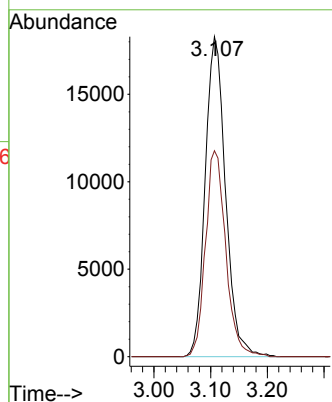
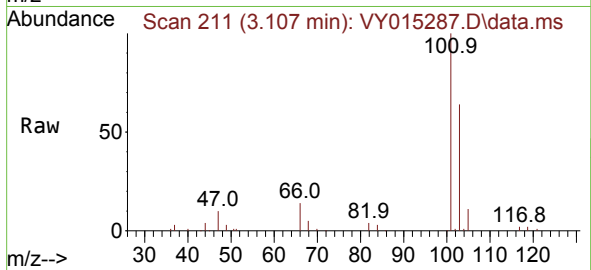




#7
Trichlorofluoromethane
Concen: 21.092 ug/l
RT: 3.107 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

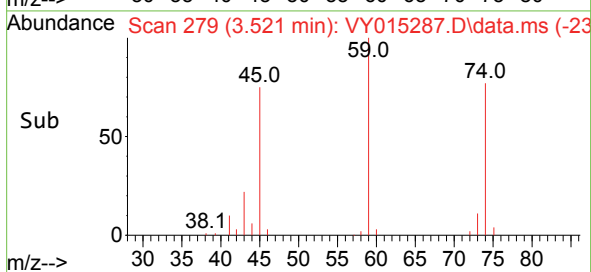
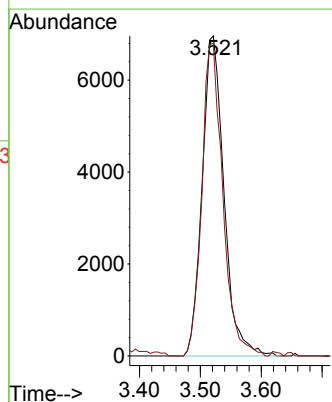
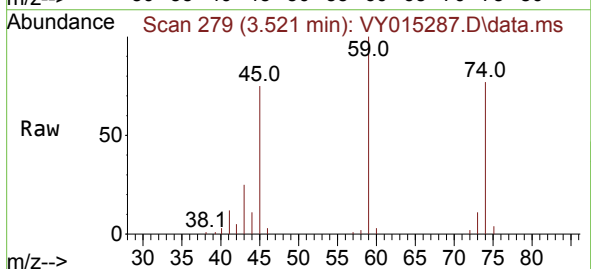
Instrument :
MSVOA_Y
ClientSampleId :

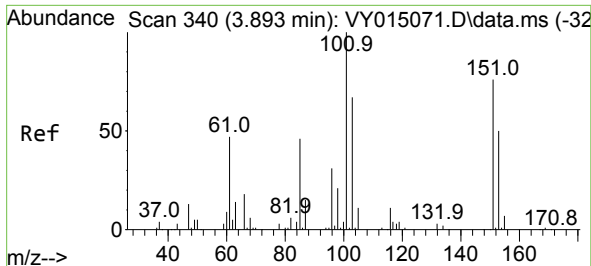
Tgt Ion:101 Resp: 45496
Ion Ratio Lower Upper
101 100
103 64.3 51.4 77.0



#8
Diethyl Ether
Concen: 20.443 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 74 Resp: 17294
Ion Ratio Lower Upper
74 100
45 94.0 51.5 154.5

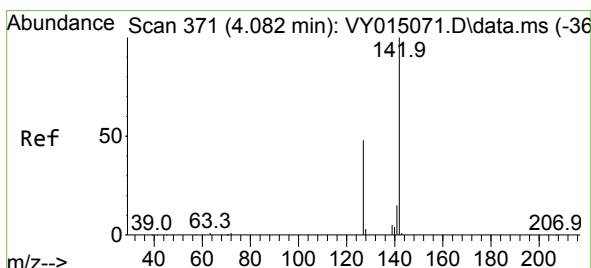
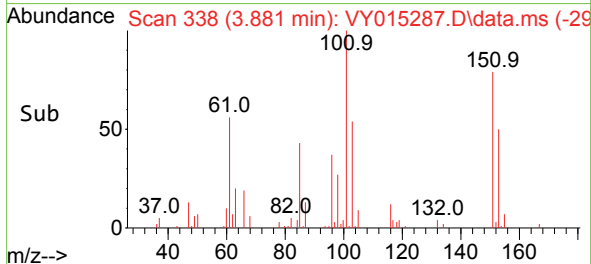
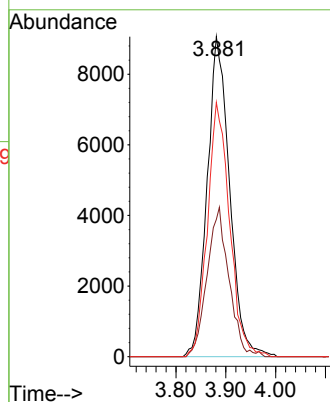
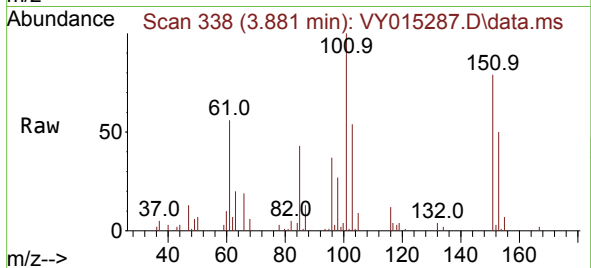




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.110 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

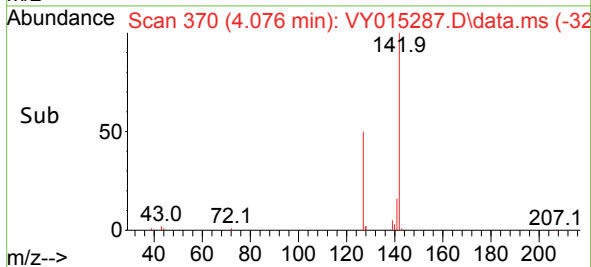
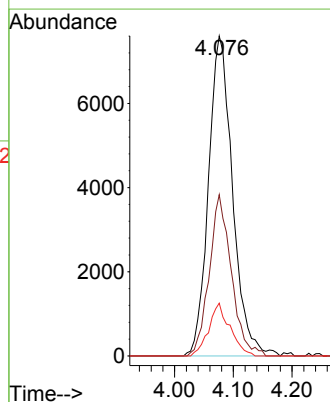
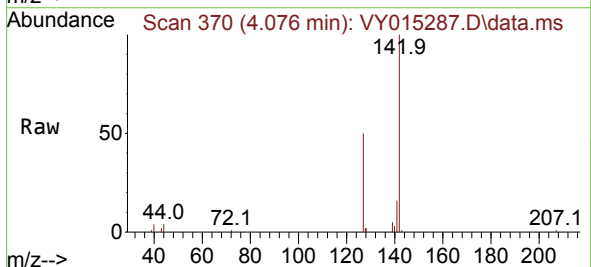
Instrument :
MSVOA_Y
ClientSampleId :

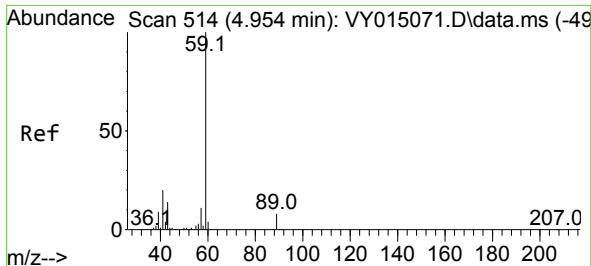
Tgt Ion:101 Resp: 28300
Ion Ratio Lower Upper
101 100
85 45.7 36.6 55.0
151 78.4 67.0 100.6



#10
Methyl Iodide
Concen: 16.452 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

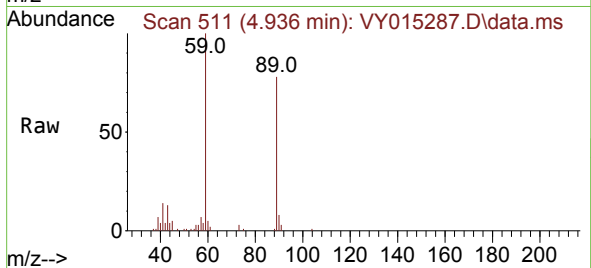
Tgt Ion:142 Resp: 21658
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 14.6 11.8 17.8



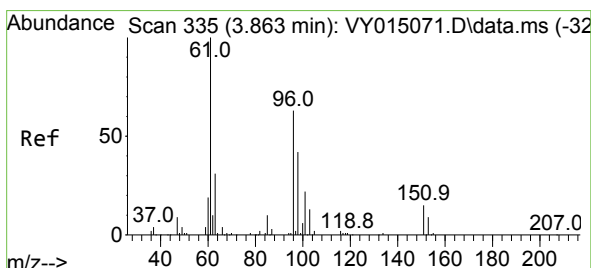
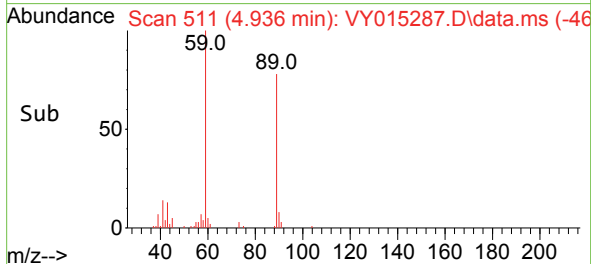
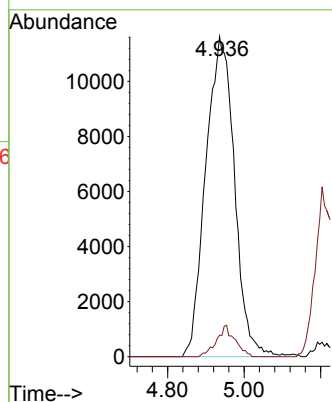


#11
Tert butyl alcohol
Concen: 186.262 ug/l
RT: 4.936 min Scan# 511
Delta R.T. -0.012 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

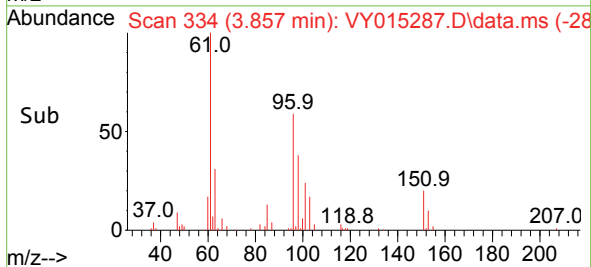
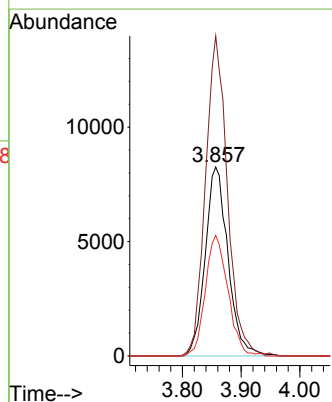
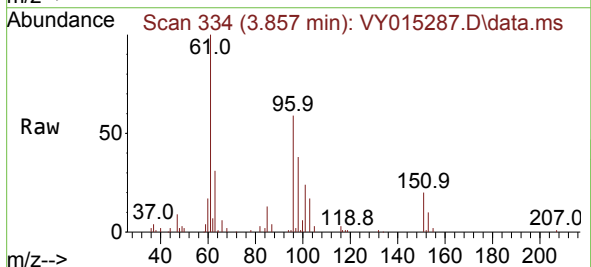


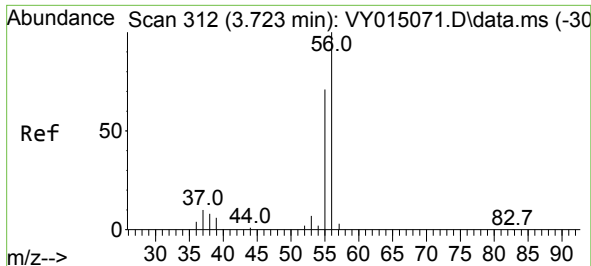
Tgt Ion: 59 Resp: 60535
Ion Ratio Lower Upper
59 100
57 6.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.878 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 96 Resp: 22252
Ion Ratio Lower Upper
96 100
61 169.3 136.4 204.6
98 63.7 49.4 74.2





#13

Acrolein

Concen: 114.883 ug/l

RT: 3.716 min Scan# 311

Delta R.T. -0.007 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

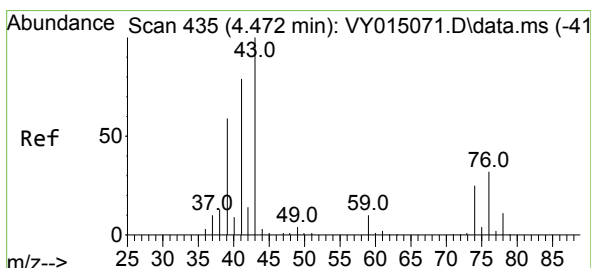
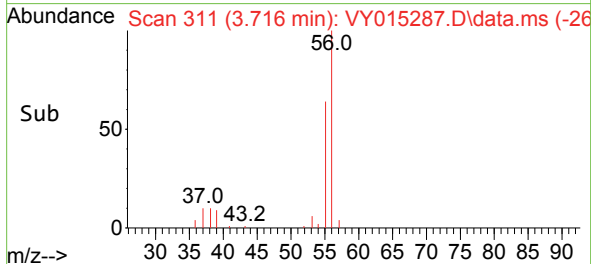
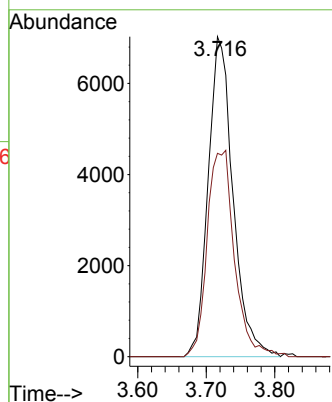
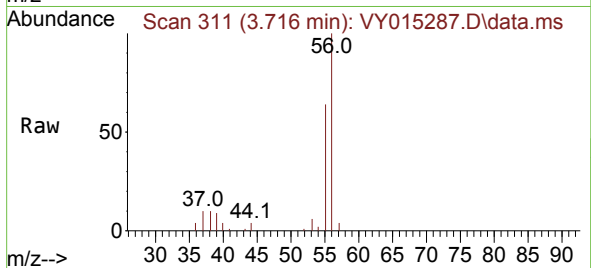
ClientSampleId :

Tgt Ion: 56 Resp: 17670

Ion Ratio Lower Upper

56 100

55 70.7 57.0 85.4



#14

Allyl chloride

Concen: 20.150 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.012 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

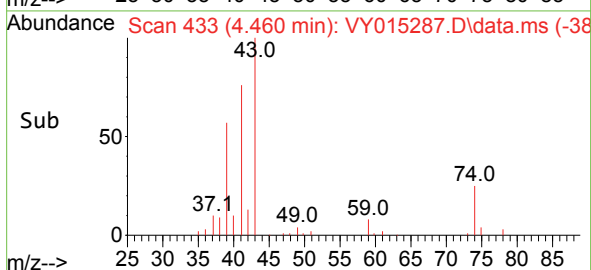
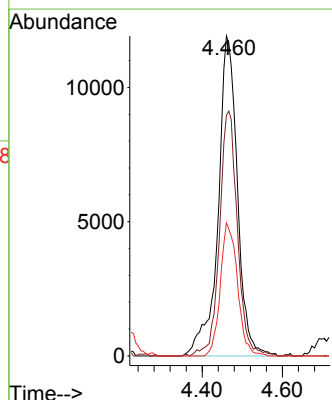
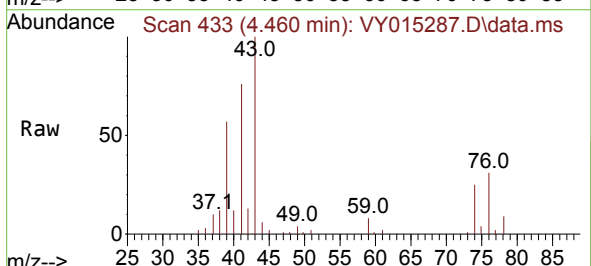
Tgt Ion: 41 Resp: 39992

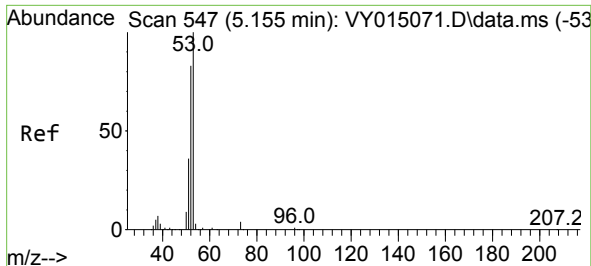
Ion Ratio Lower Upper

41 100

39 70.8 58.0 87.0

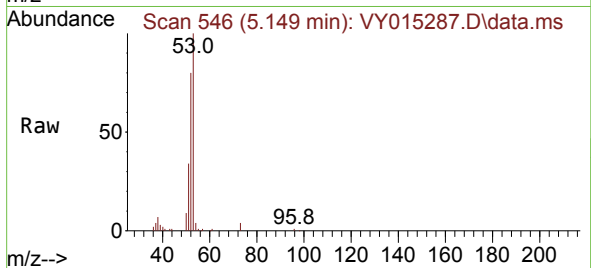
76 36.7 27.4 41.2



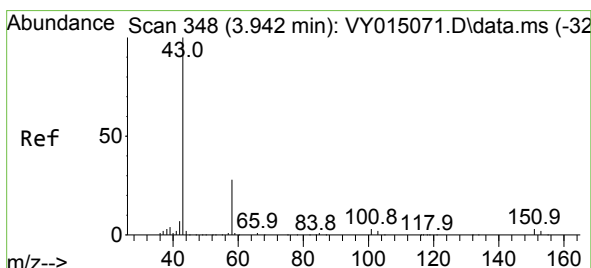
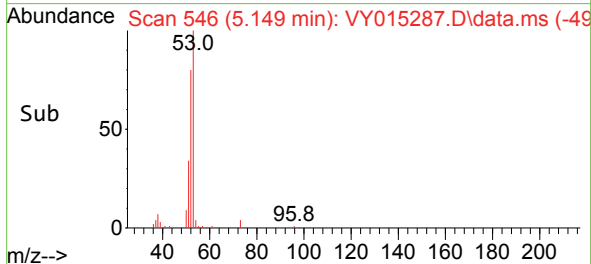
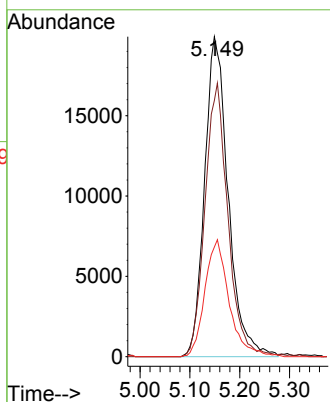


#15
Acrylonitrile
Concen: 114.278 ug/l
RT: 5.149 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

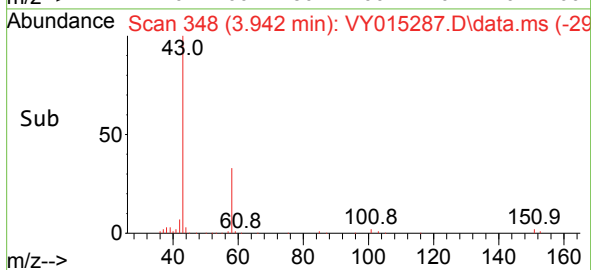
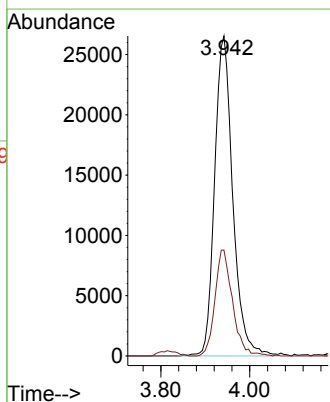
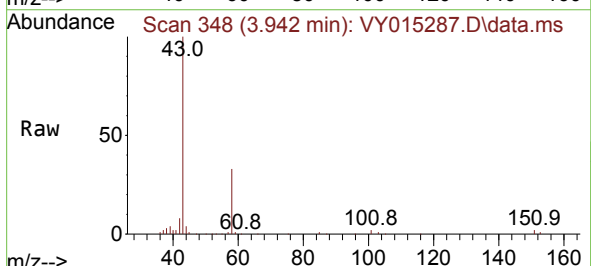


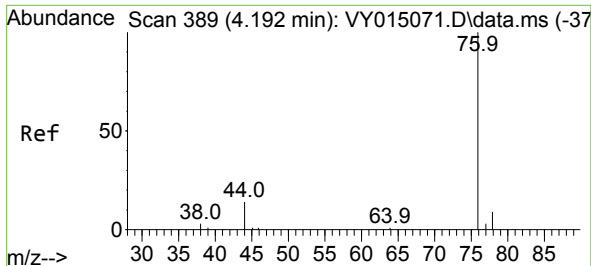
Tgt Ion: 53 Resp: 65516
Ion Ratio Lower Upper
53 100
52 83.3 66.9 100.3
51 37.6 29.8 44.6



#16
Acetone
Concen: 118.964 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 43 Resp: 75053
Ion Ratio Lower Upper
43 100
58 32.9 22.7 34.1

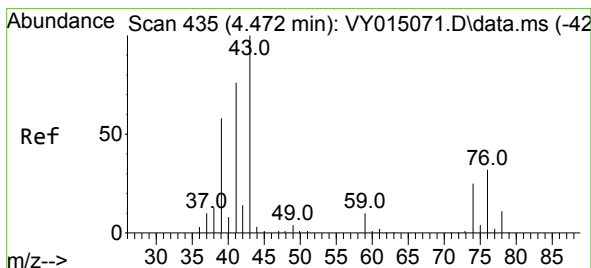
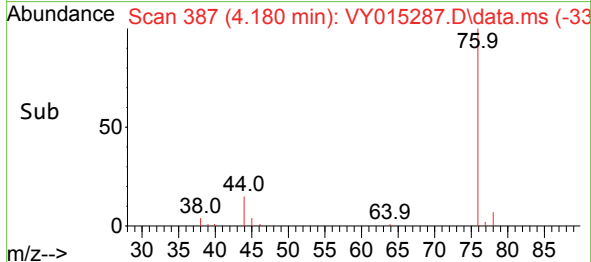
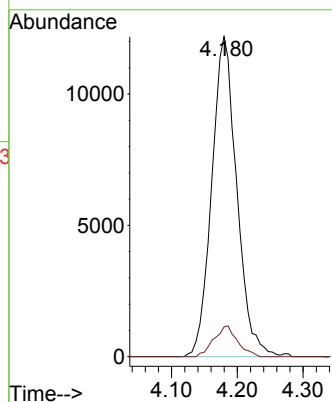
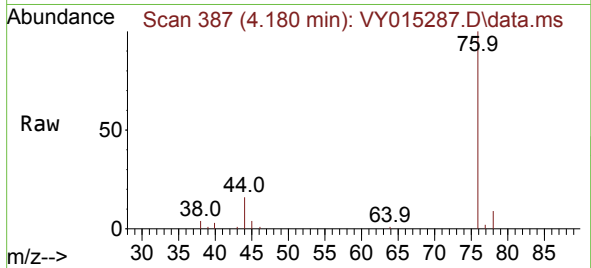




#17
Carbon Disulfide
Concen: 16.389 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

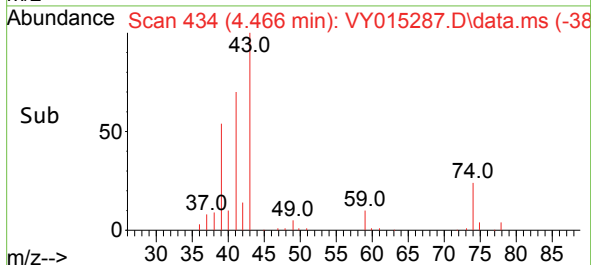
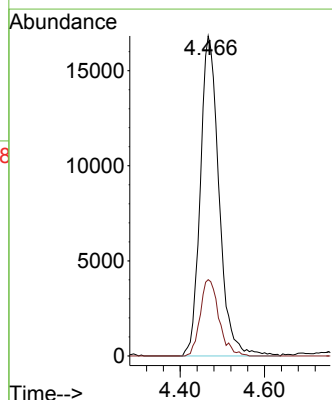
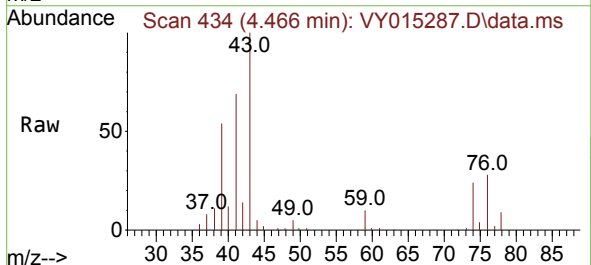
Instrument :
MSVOA_Y
ClientSampleId :

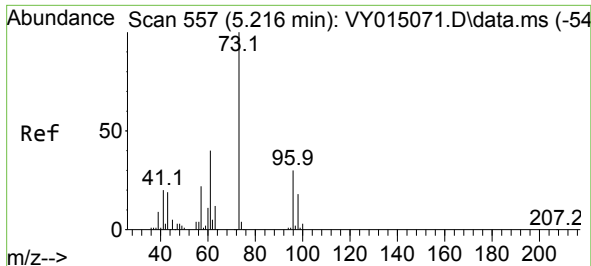
Tgt Ion: 76 Resp: 32288
Ion Ratio Lower Upper
76 100
78 9.3 7.0 10.4



#18
Methyl Acetate
Concen: 22.498 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 43 Resp: 52014
Ion Ratio Lower Upper
43 100
74 23.9 17.4 26.0





#19

Methyl tert-butyl Ether

Concen: 20.812 ug/l

RT: 5.216 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

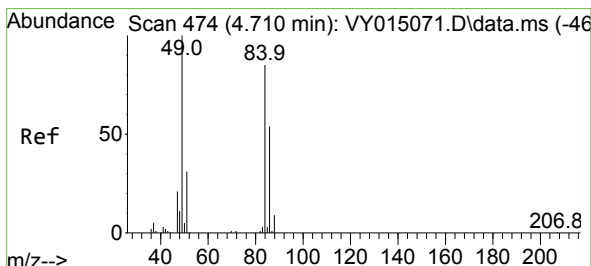
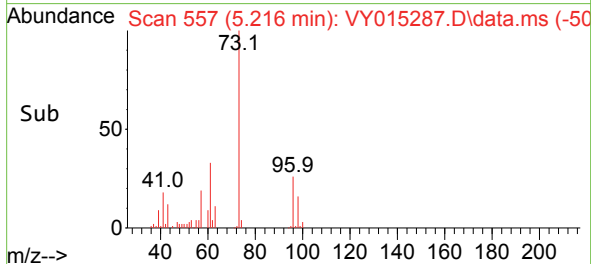
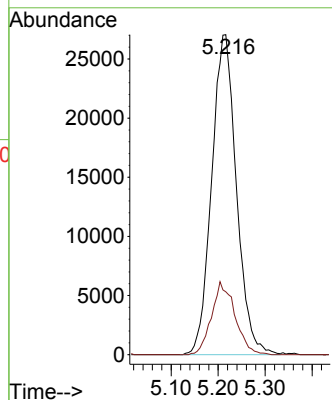
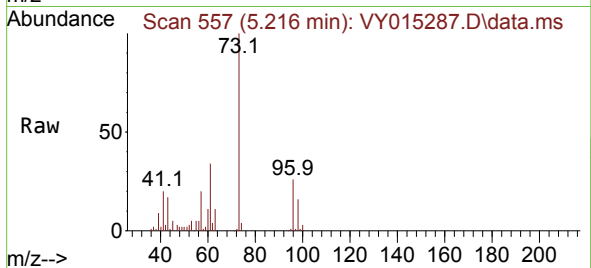
ClientSampleId :

Tgt Ion: 73 Resp: 99065

Ion Ratio Lower Upper

73 100

57 19.6 17.3 25.9



#20

Methylene Chloride

Concen: 33.010 ug/l

RT: 4.704 min Scan# 473

Delta R.T. -0.006 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Tgt Ion: 84 Resp: 52153

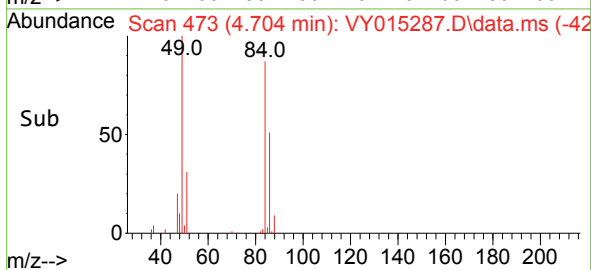
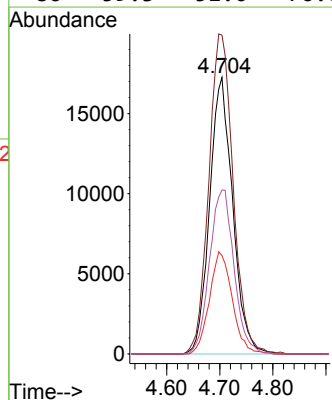
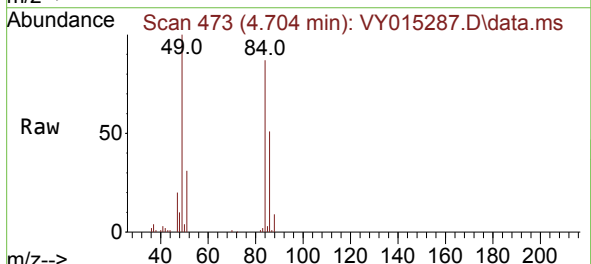
Ion Ratio Lower Upper

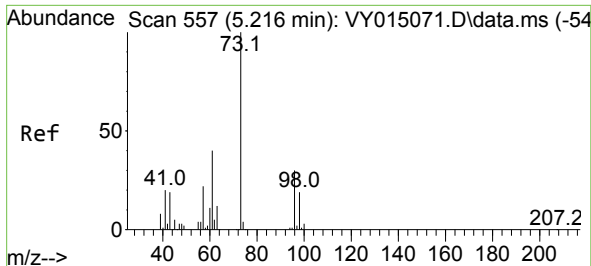
84 100

49 115.3 106.9 160.3

51 35.6 33.2 49.8

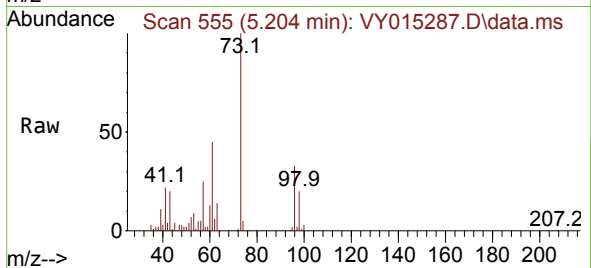
86 59.3 51.0 76.6



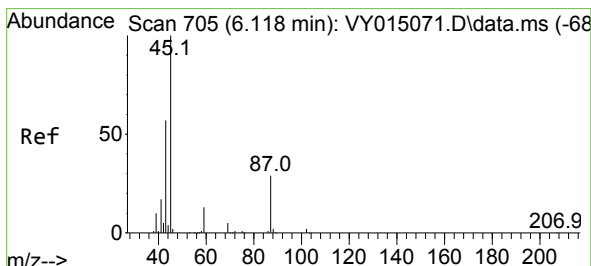
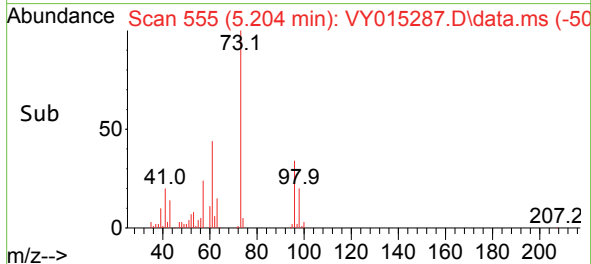
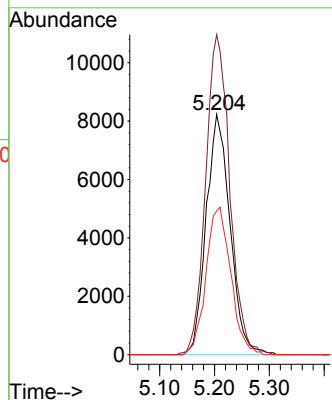


#21
trans-1,2-Dichloroethene
Concen: 19.757 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

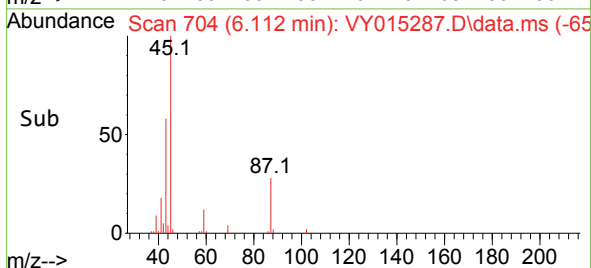
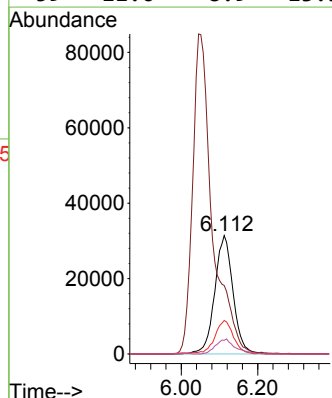
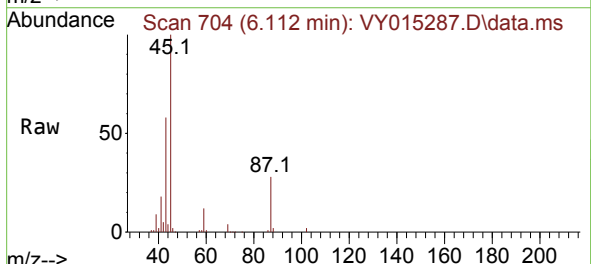


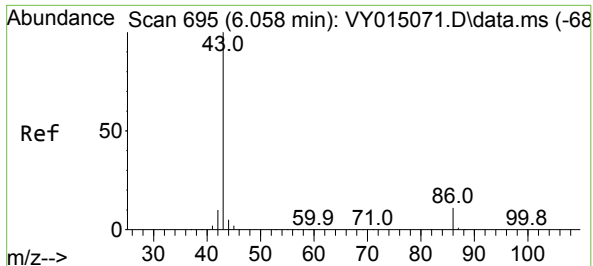
Tgt Ion: 96 Resp: 24947
Ion Ratio Lower Upper
96 100
61 133.2 110.2 165.4
98 59.8 51.8 77.6



#22
Diisopropyl ether
Concen: 21.105 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 45 Resp: 104524
Ion Ratio Lower Upper
45 100
43 57.5 52.2 78.4
87 28.3 21.0 31.6
59 11.6 8.9 13.3

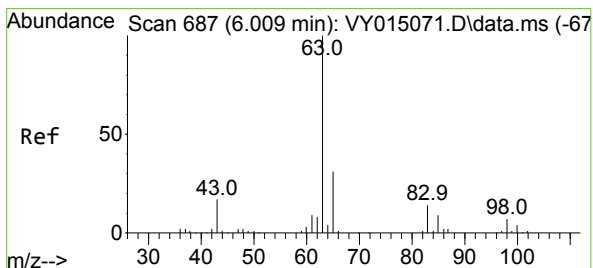
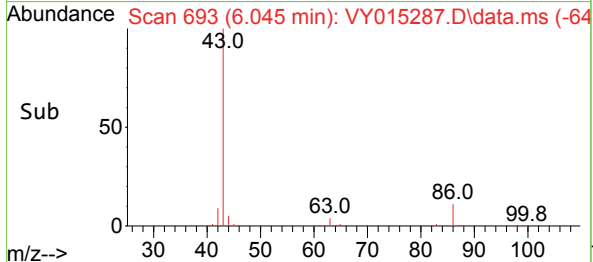
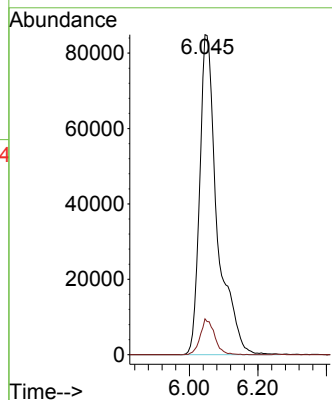
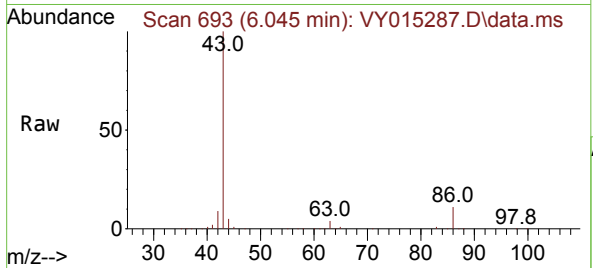




#23
 Vinyl Acetate
 Concen: 102.709 ug/l
 RT: 6.045 min Scan# 695
 Delta R.T. -0.006 min
 Lab File: VY015287.D
 Acq: 23 Aug 2023 17:44

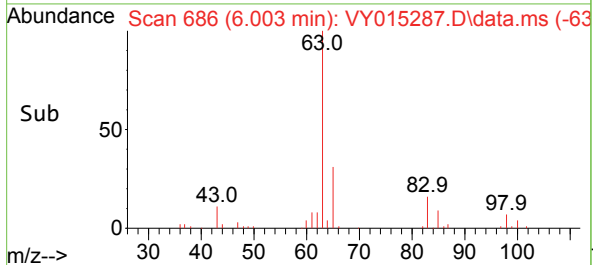
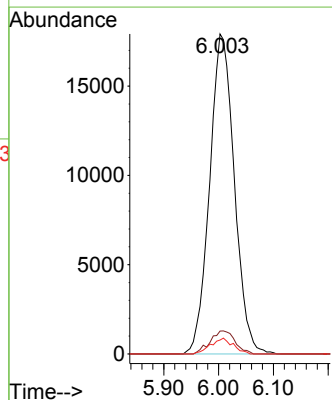
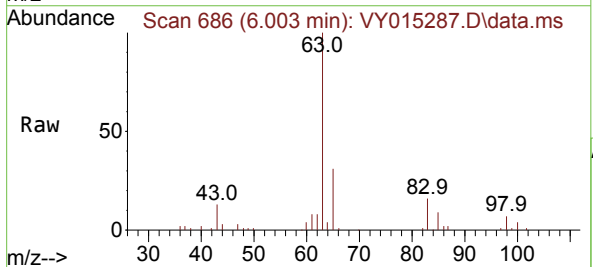
Instrument :
 MSVOA_Y
 ClientSampleId :

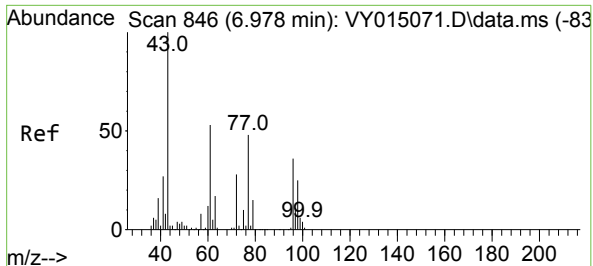
Tgt Ion: 43 Resp: 303516
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.938 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY015287.D
 Acq: 23 Aug 2023 17:44

Tgt Ion: 63 Resp: 56139
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.1 9.4
 100 4.3 1.8 5.5





#25

2-Butanone

Concen: 117.607 ug/l

RT: 6.978 min Scan# 84

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

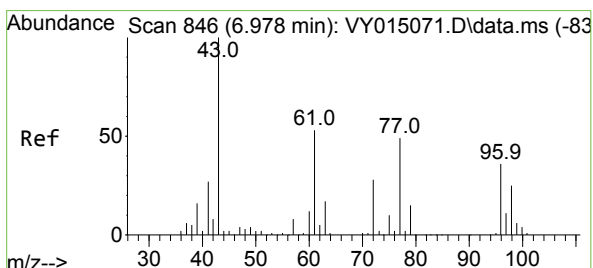
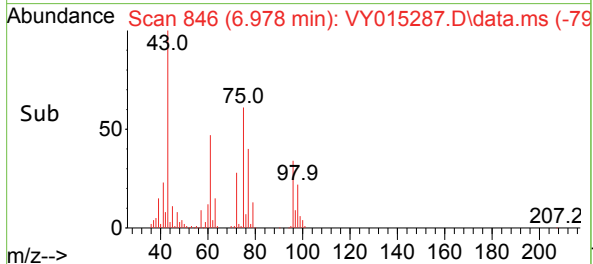
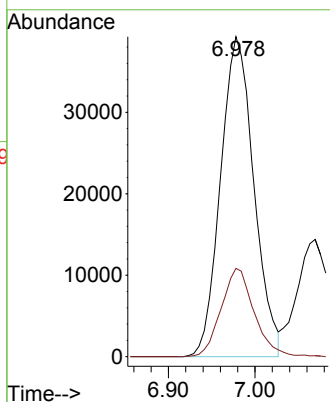
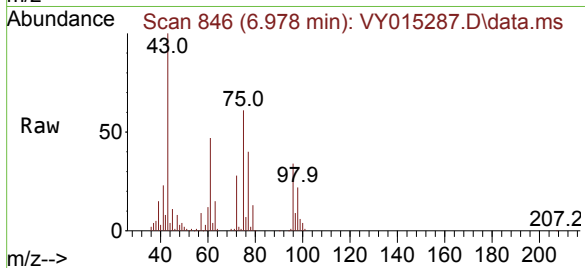
ClientSampleId :

Tgt Ion: 43 Resp: 105055

Ion Ratio Lower Upper

43 100

72 27.6 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.078 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY015287.D

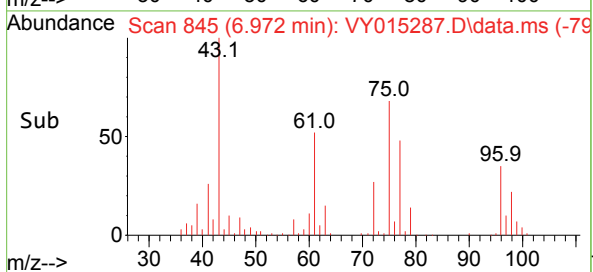
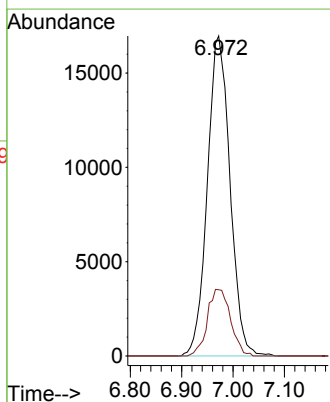
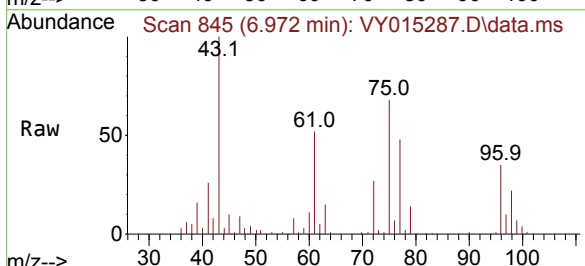
Acq: 23 Aug 2023 17:44

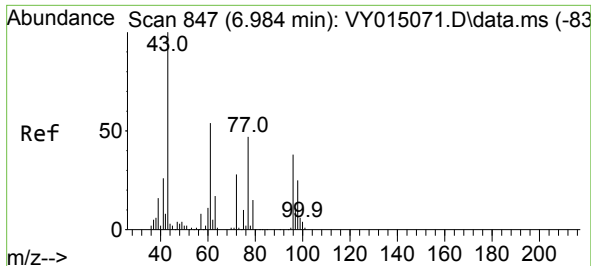
Tgt Ion: 77 Resp: 51896

Ion Ratio Lower Upper

77 100

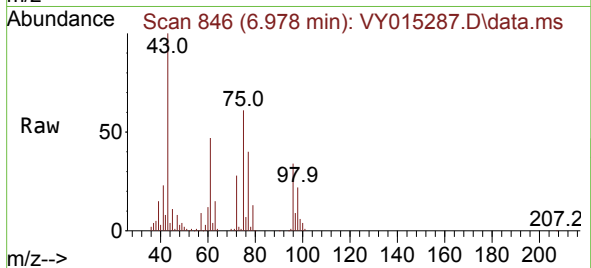
97 21.3 10.9 32.9



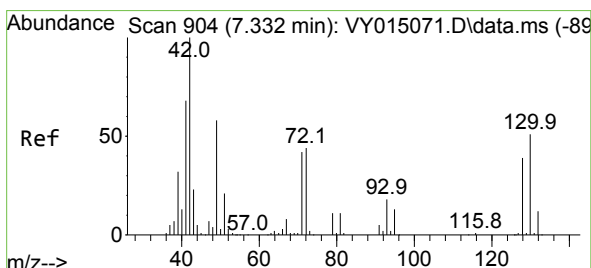
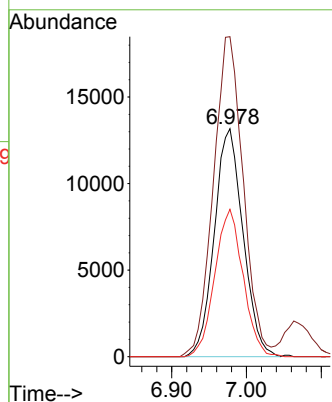
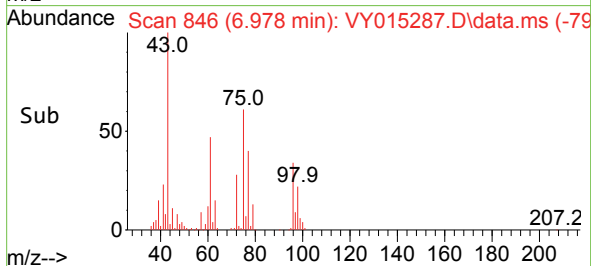


#27
 cis-1,2-Dichloroethene
 Concen: 20.398 ug/l
 RT: 6.978 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VY015287.D
 Acq: 23 Aug 2023 17:44

Instrument :
 MSVOA_Y
 ClientSampleId :

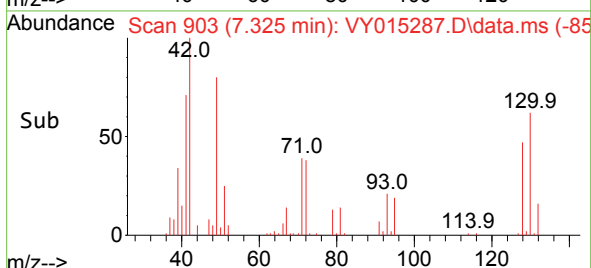
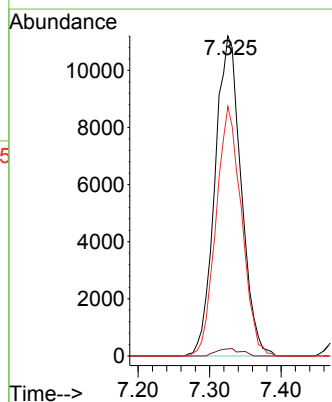
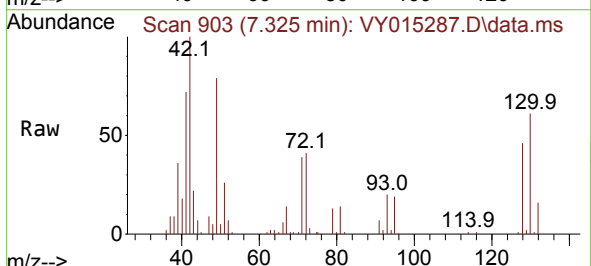


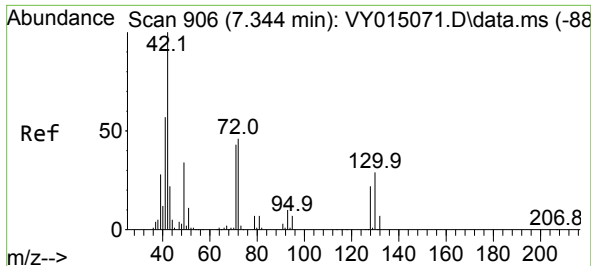
Tgt Ion: 96 Resp: 35185
 Ion Ratio Lower Upper
 96 100
 61 145.8 0.0 301.4
 98 63.8 0.0 130.4



#28
 Bromochloromethane
 Concen: 23.091 ug/l
 RT: 7.325 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY015287.D
 Acq: 23 Aug 2023 17:44

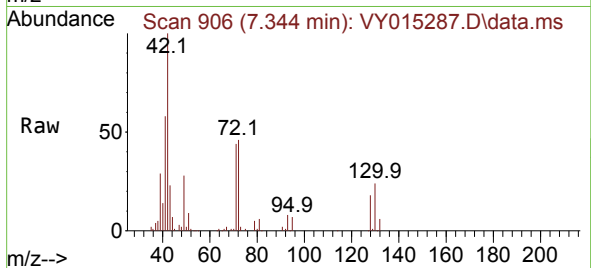
Tgt Ion: 49 Resp: 28445
 Ion Ratio Lower Upper
 49 100
 129 2.2 0.0 4.6
 130 76.0 60.7 91.1



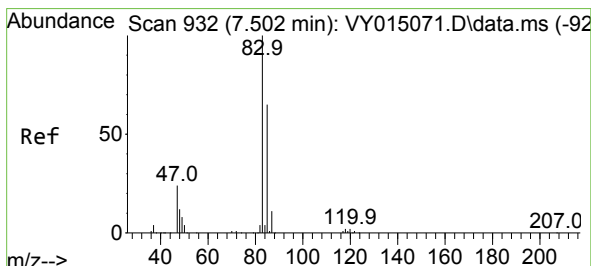
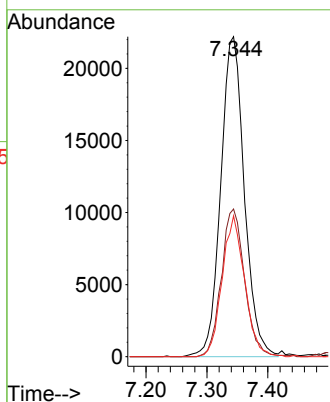
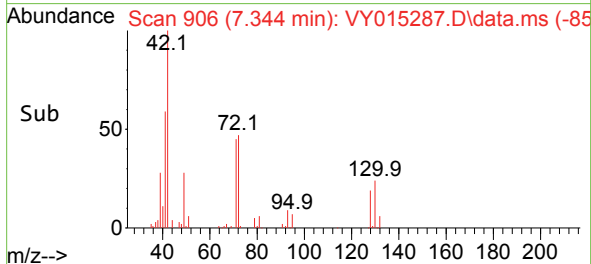


#29
Tetrahydrofuran
Concen: 111.839 ug/l
RT: 7.344 min Scan# 906
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

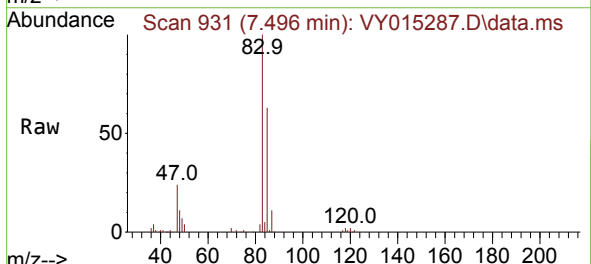
Instrument :
MSVOA_Y
ClientSampleId :



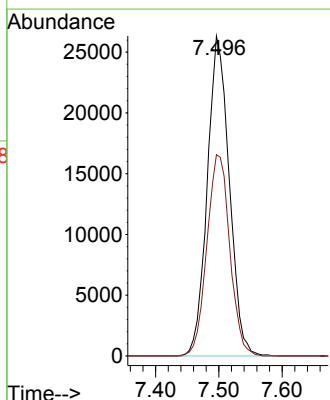
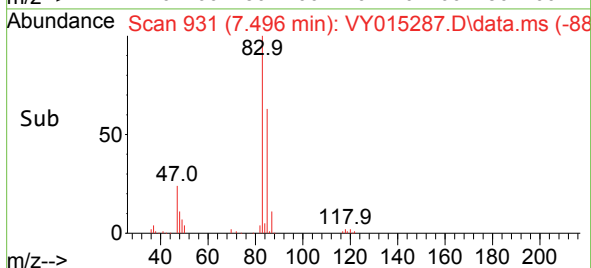
Tgt Ion: 42 Resp: 59736
Ion Ratio Lower Upper
42 100
72 45.5 32.8 49.2
71 41.9 31.0 46.4

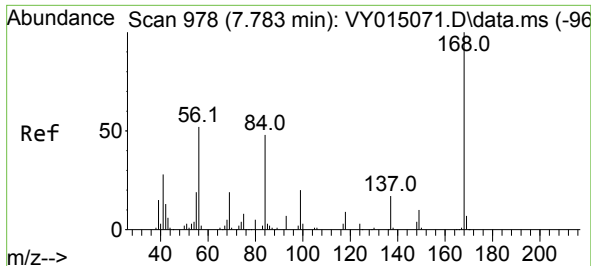


#30
Chloroform
Concen: 21.134 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44



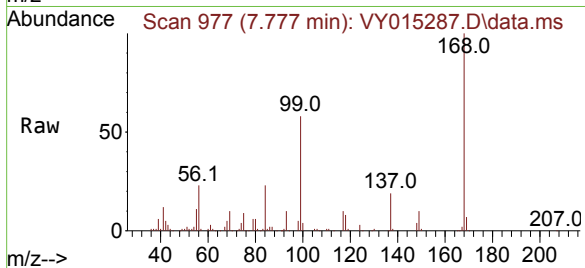
Tgt Ion: 83 Resp: 63523
Ion Ratio Lower Upper
83 100
85 62.9 49.7 74.5



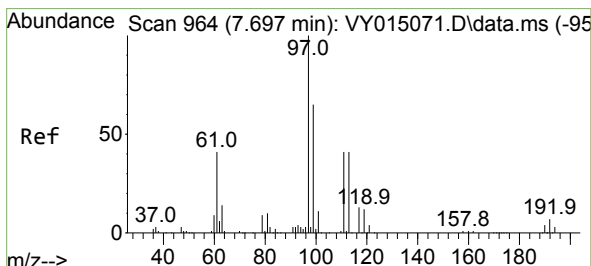
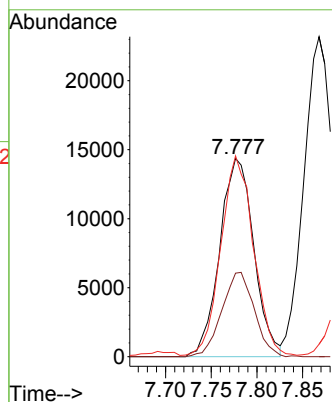
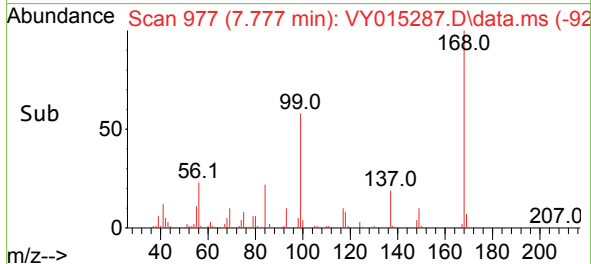


#31
Cyclohexane
Concen: 20.114 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

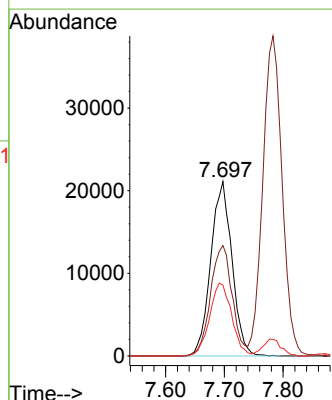
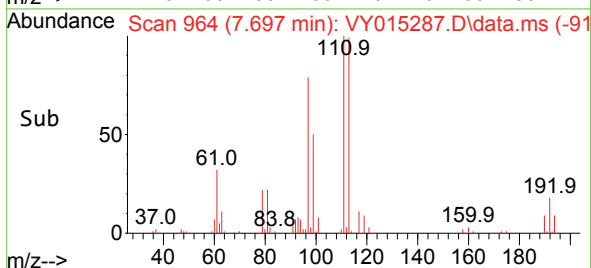
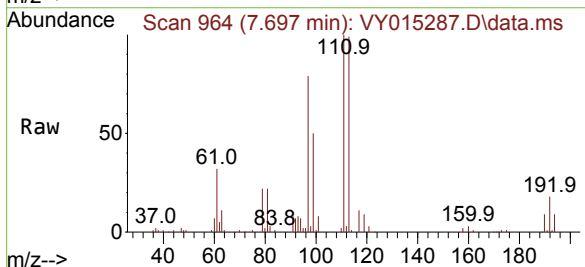


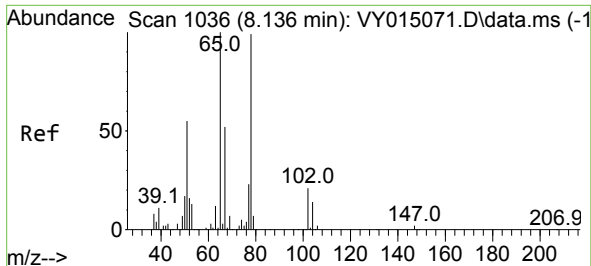
Tgt Ion: 56 Resp: 37329
Ion Ratio Lower Upper
56 100
69 42.1 27.8 41.6#
84 100.7 66.4 99.6#



#32
1,1,1-Trichloroethane
Concen: 20.690 ug/l
RT: 7.697 min Scan# 964
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 97 Resp: 52920
Ion Ratio Lower Upper
97 100
99 64.8 50.8 76.2
61 43.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 52.915 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

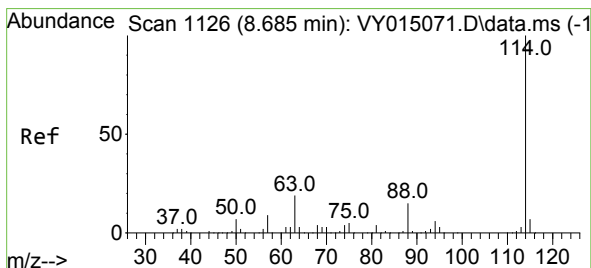
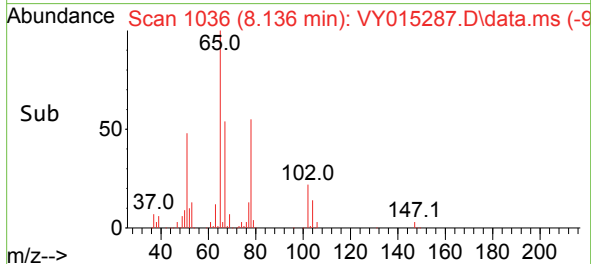
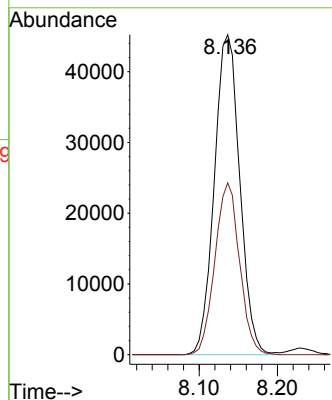
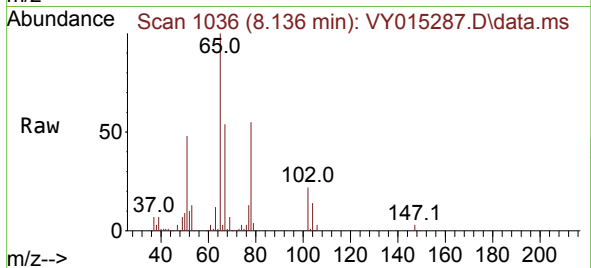
ClientSampleId :

Tgt Ion: 65 Resp: 102188

Ion Ratio Lower Upper

65 100

67 52.0 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

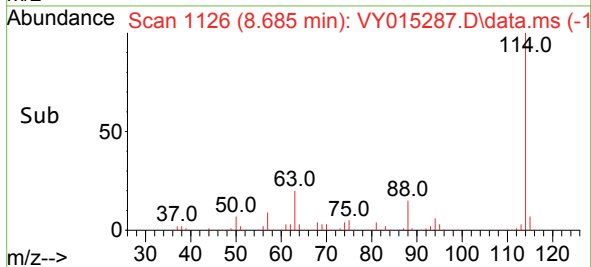
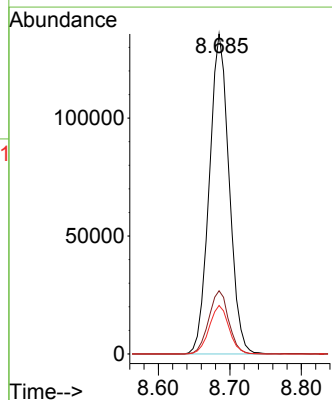
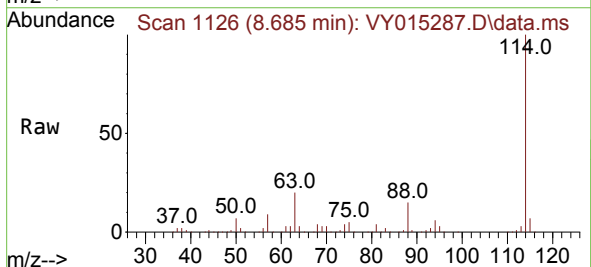
Tgt Ion: 114 Resp: 261094

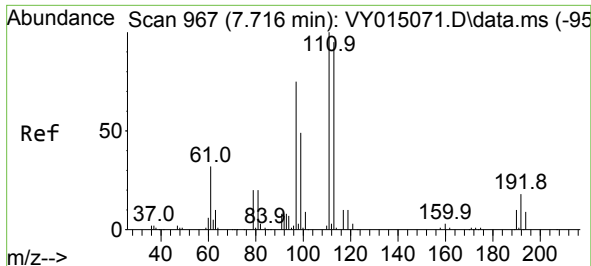
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.4

88 15.1 0.0 30.6

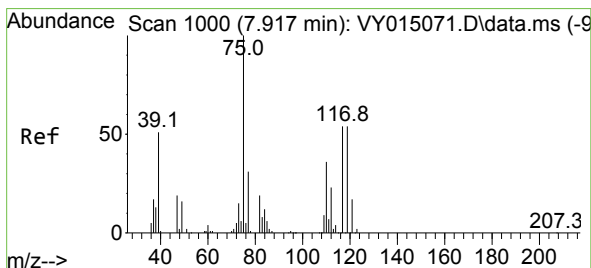
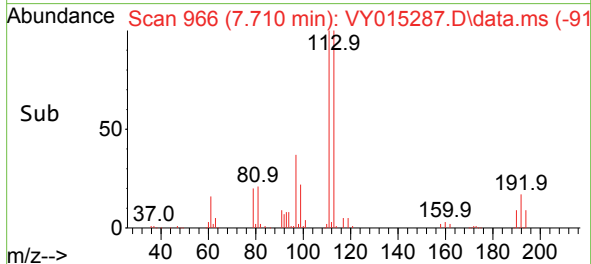
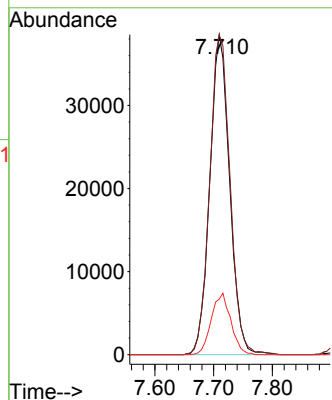
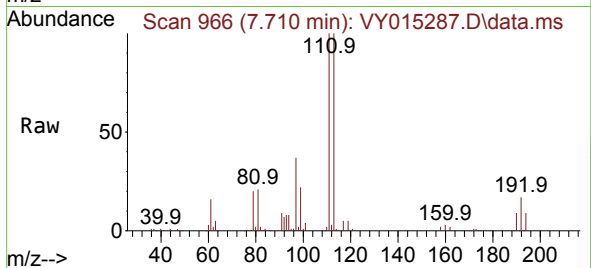




#35
Dibromofluoromethane
Concen: 53.701 ug/l
RT: 7.710 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

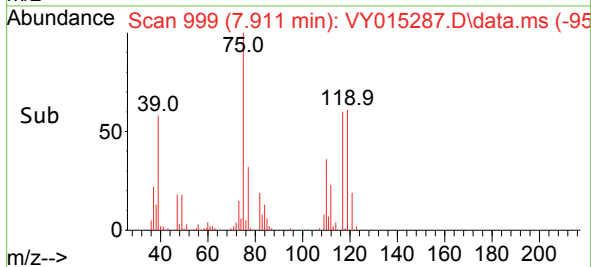
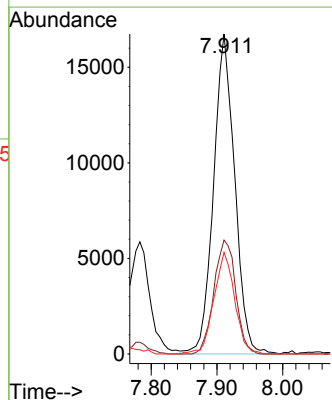
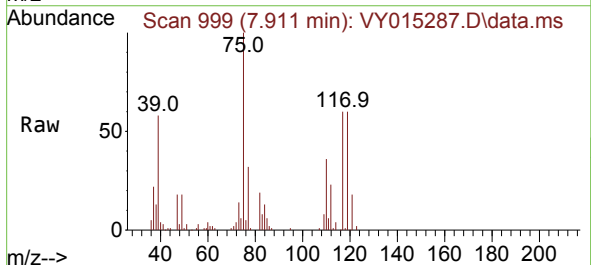
Instrument :
MSVOA_Y
ClientSampleId :

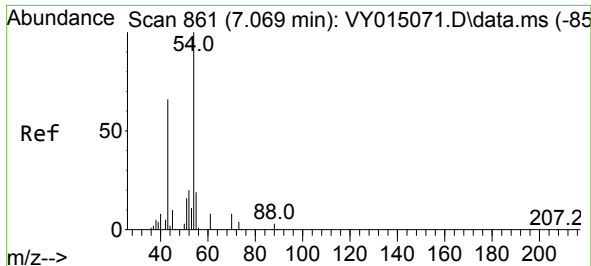
Tgt Ion:113 Resp: 90202
Ion Ratio Lower Upper
113 100
111 102.8 81.3 121.9
192 18.9 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.188 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 75 Resp: 37515
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.3 24.4 36.6

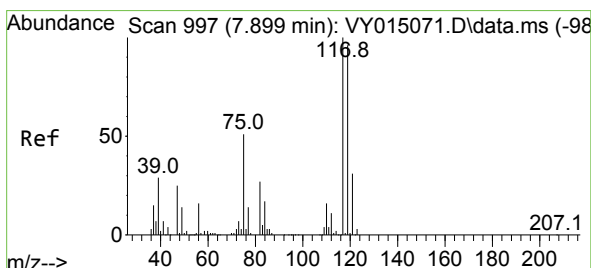
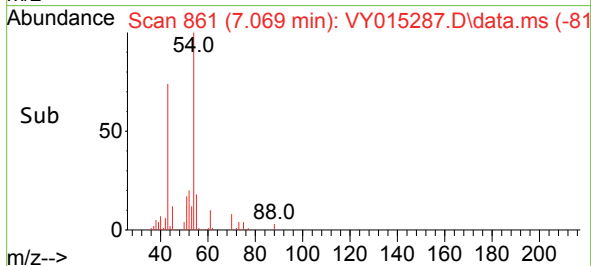
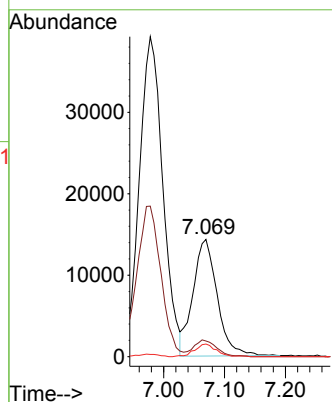
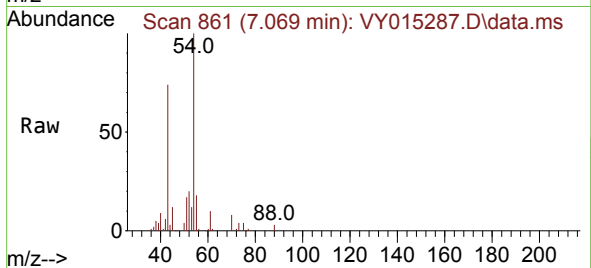




#37
Ethyl Acetate
Concen: 22.926 ug/l
RT: 7.069 min Scan# 861
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

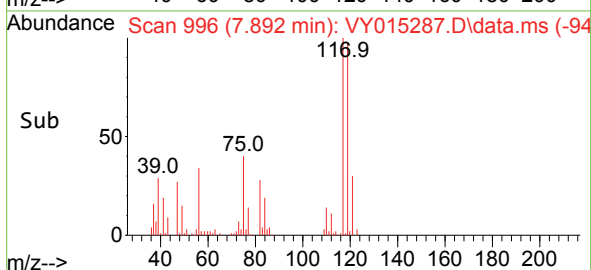
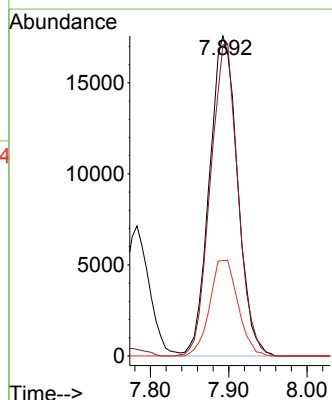
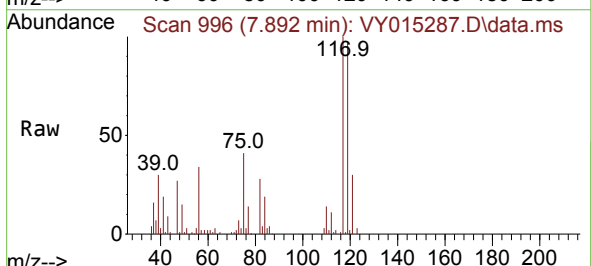
Instrument :
MSVOA_Y
ClientSampleId :

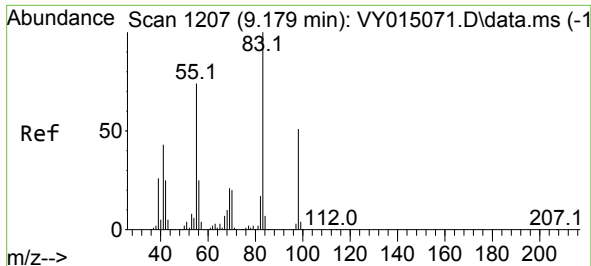
Tgt Ion: 43 Resp: 39712
Ion Ratio Lower Upper
43 100
61 13.7 10.1 15.1
70 9.5 7.1 10.7



#38
Carbon Tetrachloride
Concen: 19.980 ug/l
RT: 7.892 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 117 Resp: 43941
Ion Ratio Lower Upper
117 100
119 97.2 76.4 114.6
121 29.9 25.8 38.6





#39

Methylcyclohexane

Concen: 19.974 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.000 min

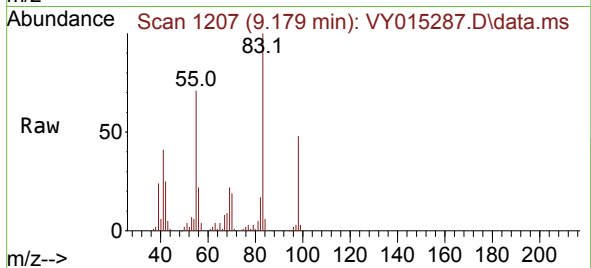
Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :



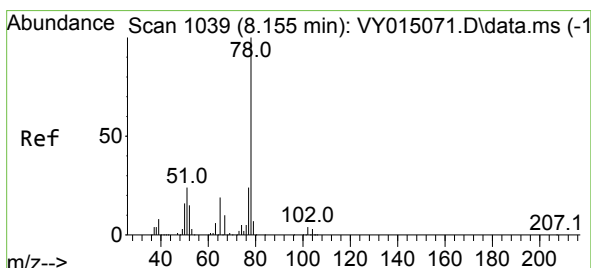
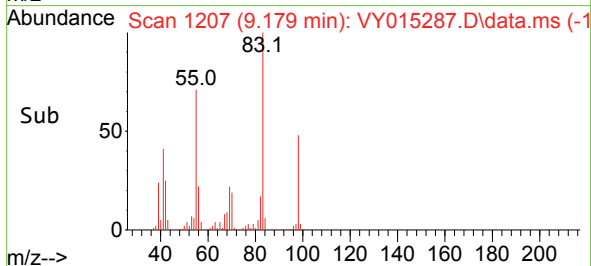
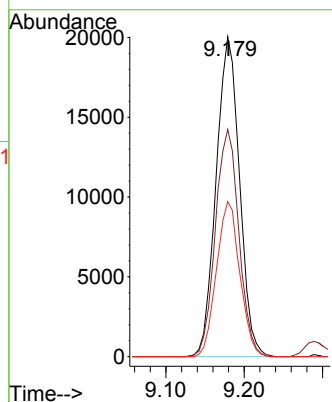
Tgt Ion: 83 Resp: 41610

Ion Ratio Lower Upper

83 100

55 71.0 63.0 94.4

98 48.4 37.4 56.2



#40

Benzene

Concen: 20.803 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.000 min

Lab File: VY015287.D

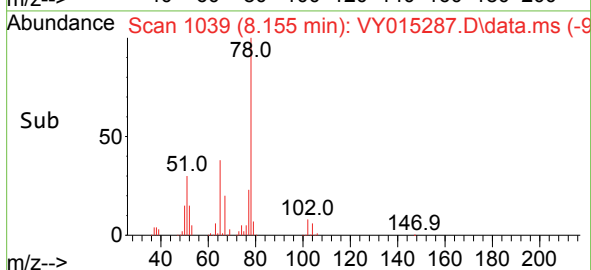
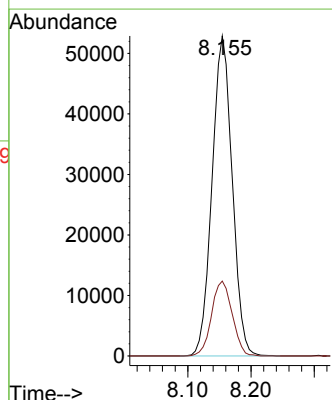
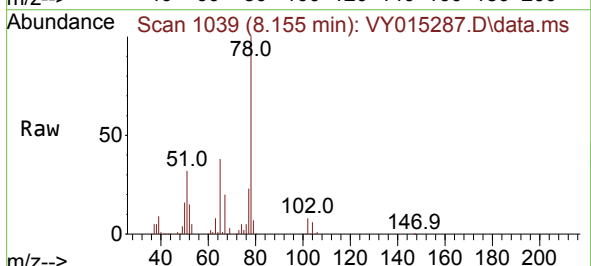
Acq: 23 Aug 2023 17:44

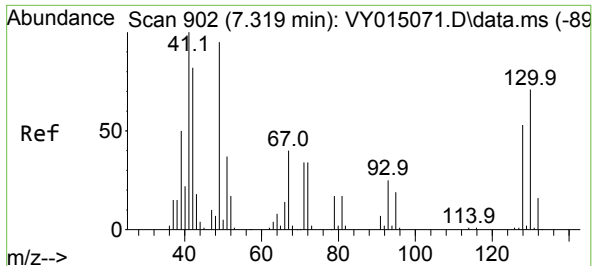
Tgt Ion: 78 Resp: 116876

Ion Ratio Lower Upper

78 100

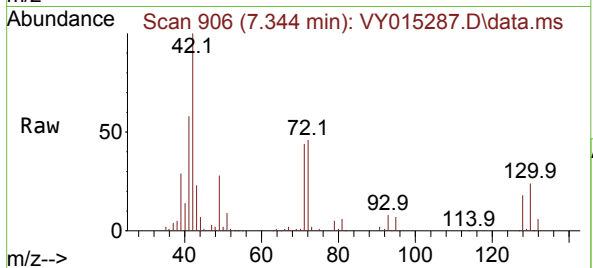
77 23.4 19.0 28.6



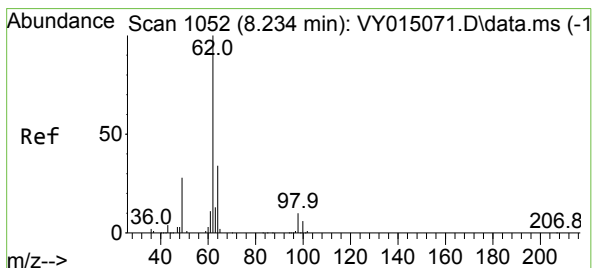
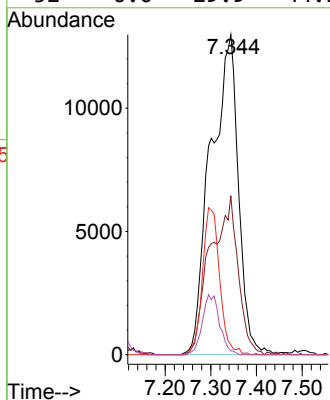
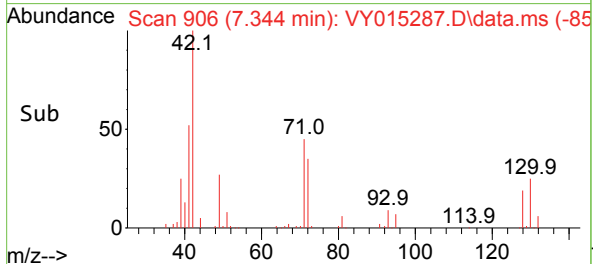


#41
Methacrylonitrile
Concen: 60.871 ug/l
RT: 7.344 min Scan# 902
Delta R.T. 0.037 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

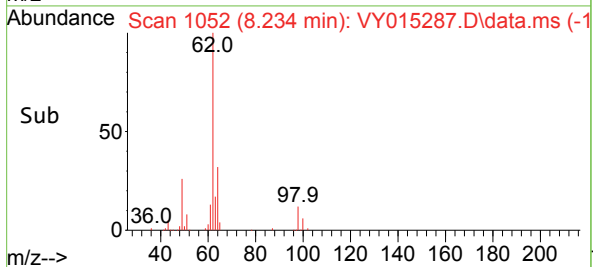
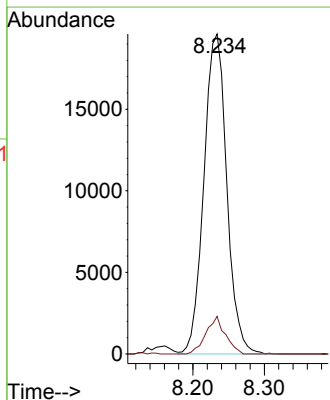
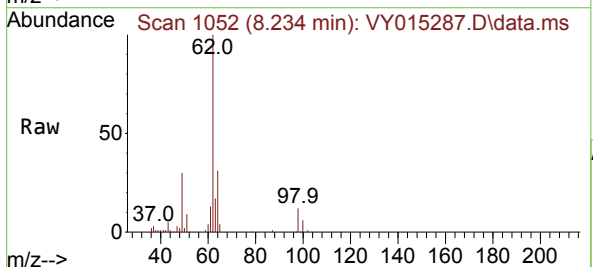


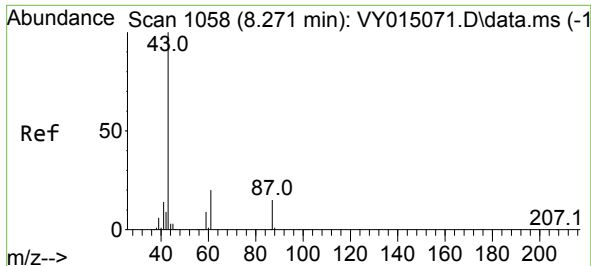
Tgt Ion: 41 Resp: 54369
Ion Ratio Lower Upper
41 100
39 49.9 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 21.348 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

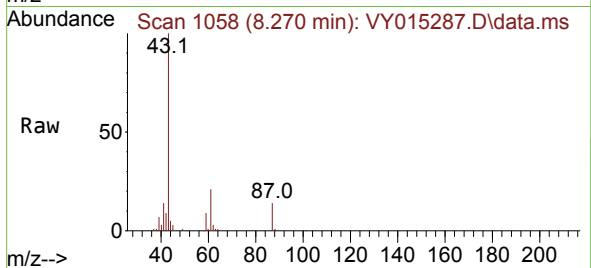
Tgt Ion: 62 Resp: 43558
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8



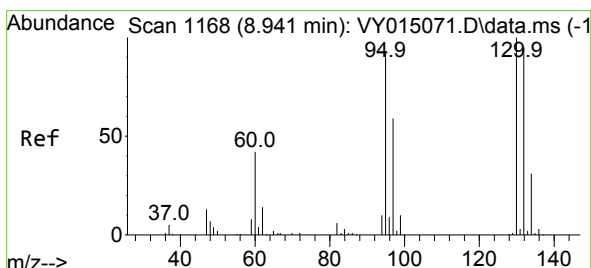
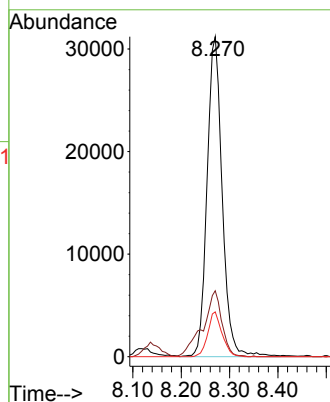
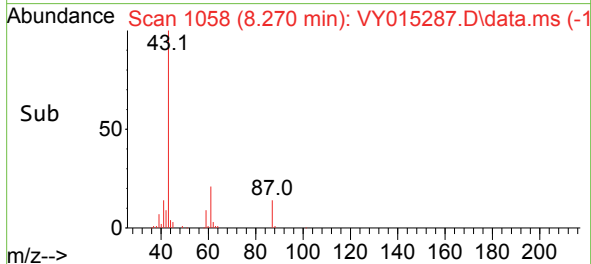


#43
Isopropyl Acetate
Concen: 21.515 ug/l
RT: 8.270 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

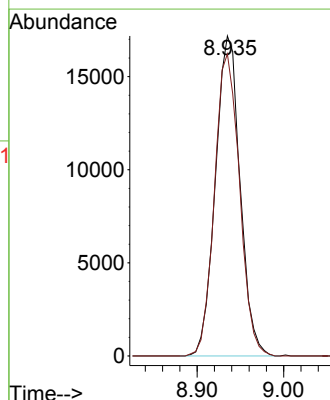
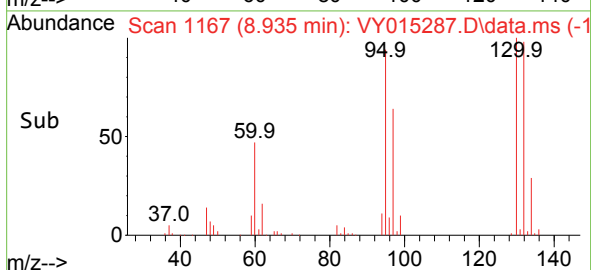
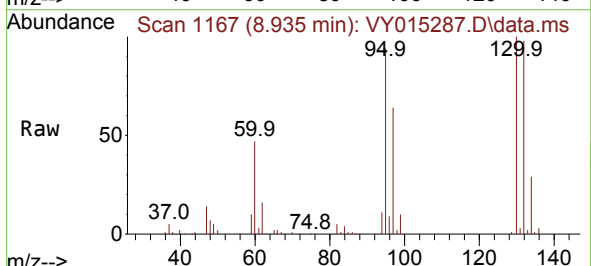


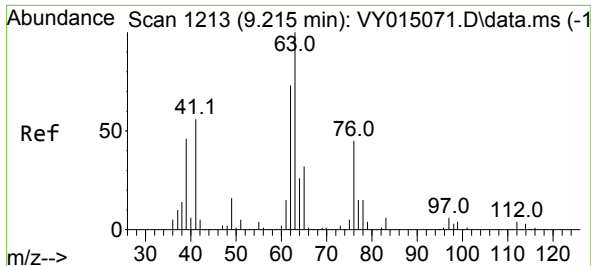
Tgt Ion: 43 Resp: 67866
Ion Ratio Lower Upper
43 100
61 26.1 21.1 31.7
87 13.2 9.8 14.8



#44
Trichloroethene
Concen: 20.986 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion:130 Resp: 33968
Ion Ratio Lower Upper
130 100
95 94.4 0.0 196.0

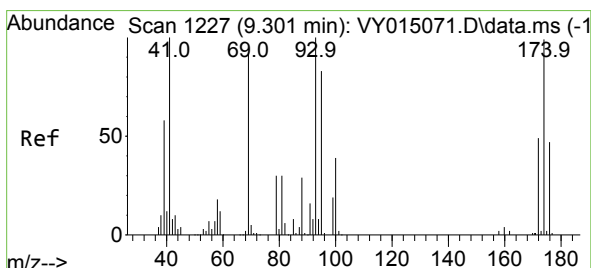
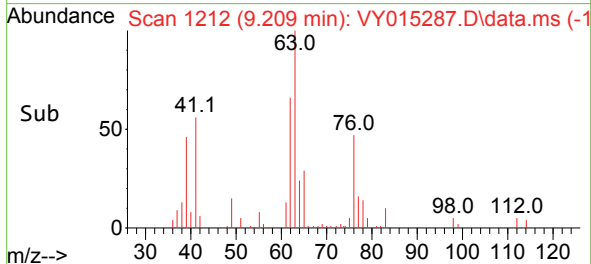
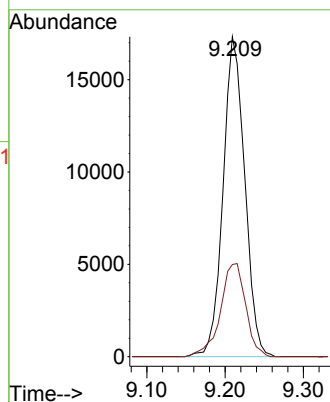
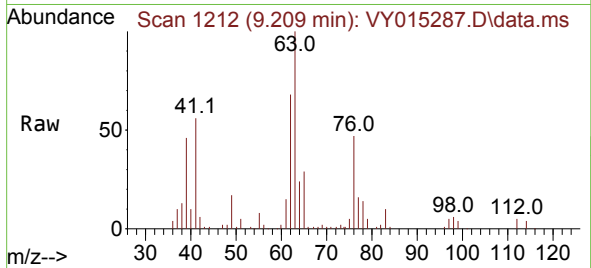




#45
1,2-Dichloropropane
Concen: 21.039 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

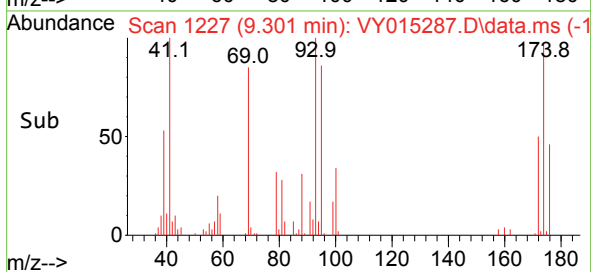
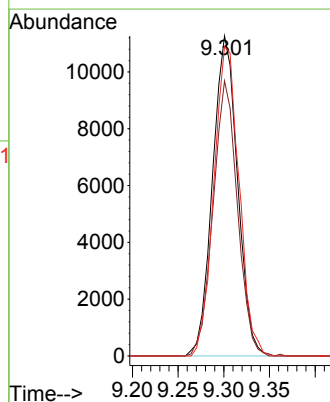
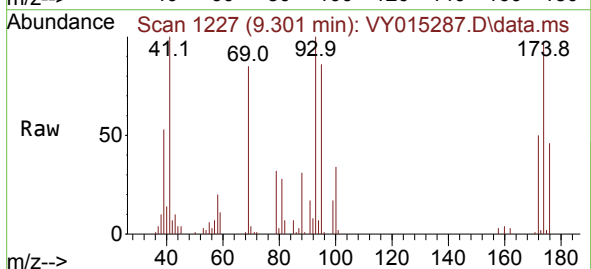
Instrument :
MSVOA_Y
ClientSampleId :

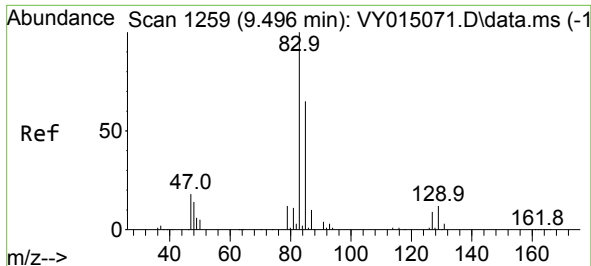
Tgt Ion: 63 Resp: 33331
Ion Ratio Lower Upper
63 100
65 28.8 23.8 35.6



#46
Dibromomethane
Concen: 21.401 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 93 Resp: 21384
Ion Ratio Lower Upper
93 100
95 83.7 66.6 100.0
174 97.6 84.8 127.2

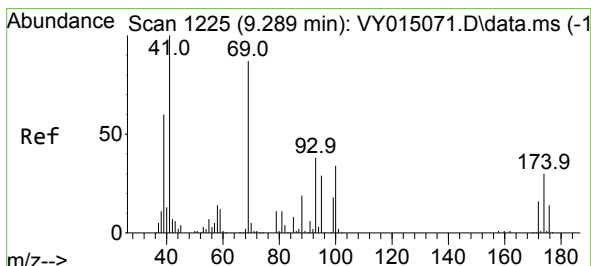
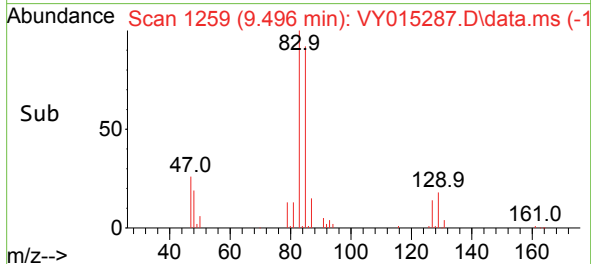
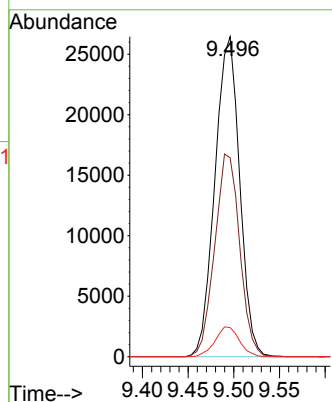
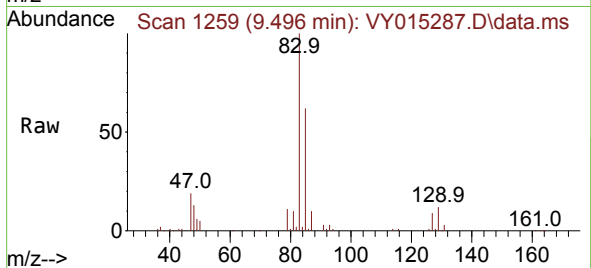




#47
Bromodichloromethane
Concen: 20.852 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

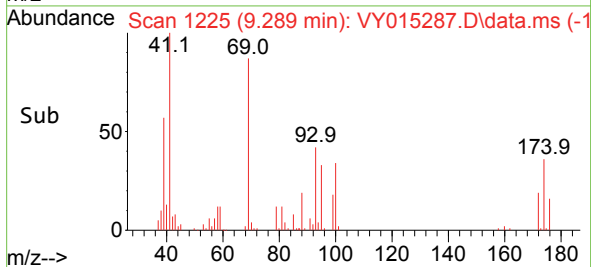
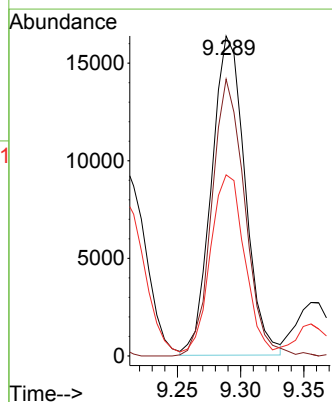
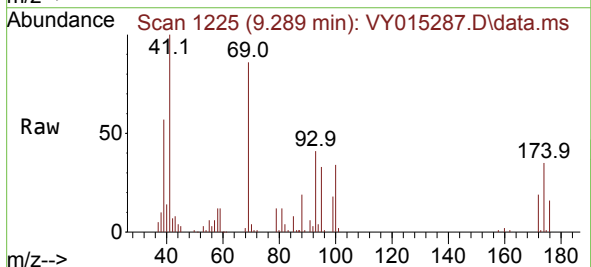
Instrument :
MSVOA_Y
ClientSampleId :

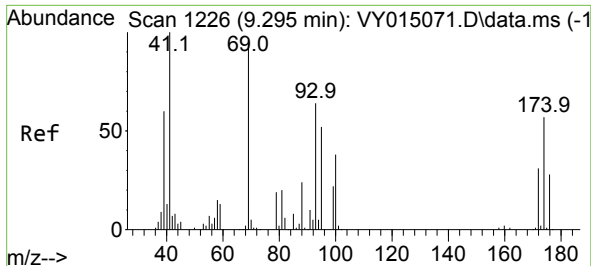
Tgt Ion: 83 Resp: 49718
Ion Ratio Lower Upper
83 100
85 62.2 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 22.351 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 41 Resp: 30159
Ion Ratio Lower Upper
41 100
69 85.2 64.5 96.7
39 58.3 50.8 76.2





#49

1,4-Dioxane

Concen: 434.119 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

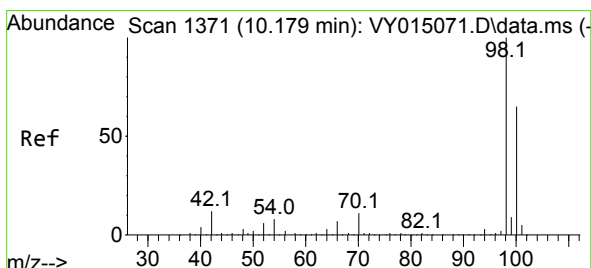
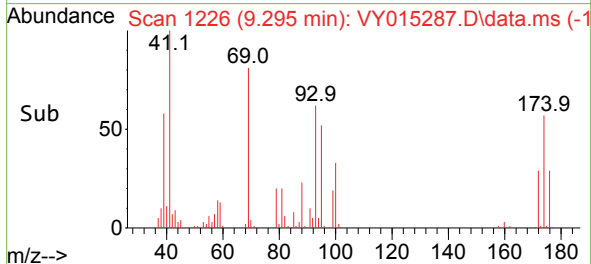
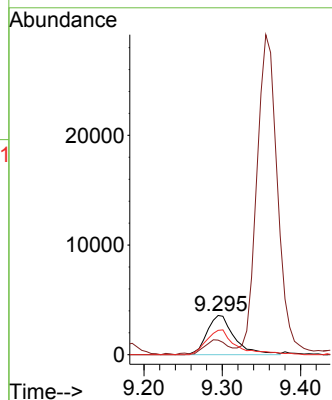
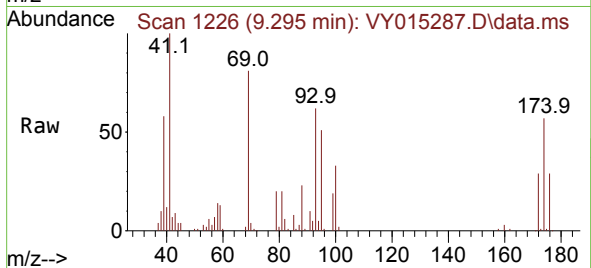
Tgt Ion: 88 Resp: 8674

Ion Ratio Lower Upper

88 100

43 35.1 0.0 0.0#

58 67.9 30.9 46.3#



#50

Toluene-d8

Concen: 52.529 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015287.D

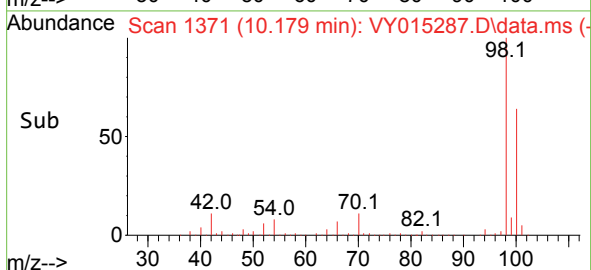
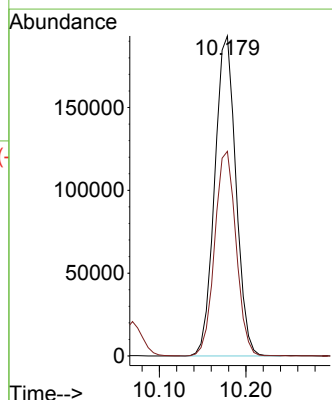
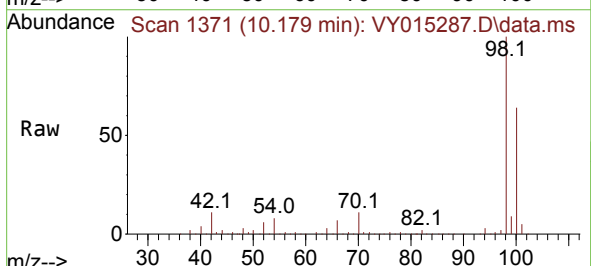
Acq: 23 Aug 2023 17:44

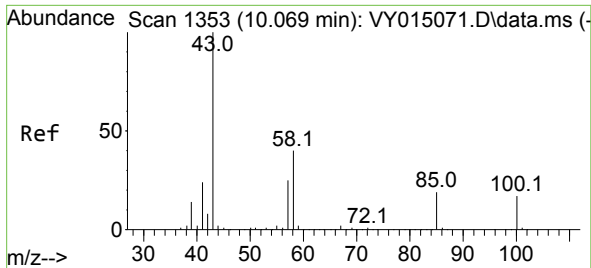
Tgt Ion: 98 Resp: 328454

Ion Ratio Lower Upper

98 100

100 64.6 50.1 75.1

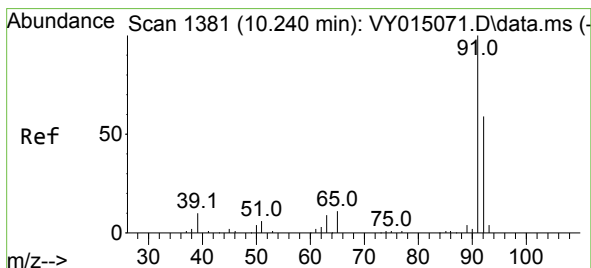
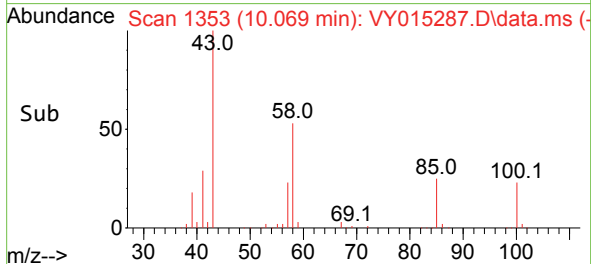
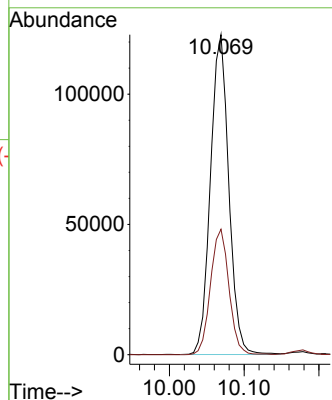
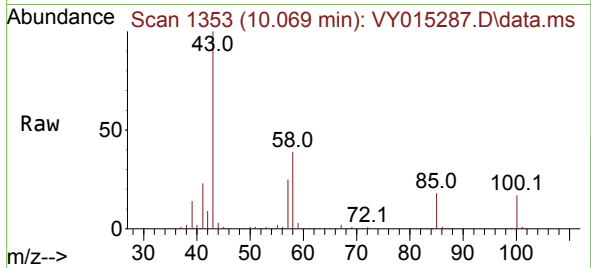




#51
4-Methyl-2-Pentanone
Concen: 114.891 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

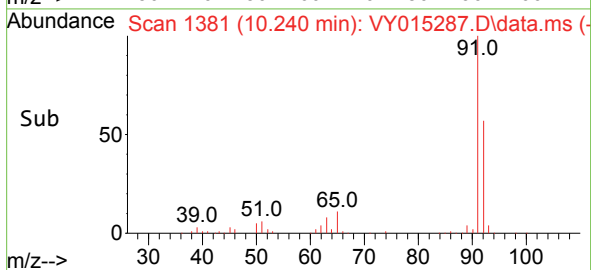
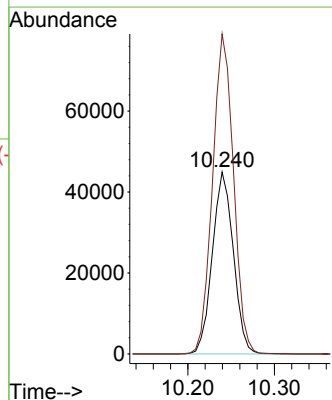
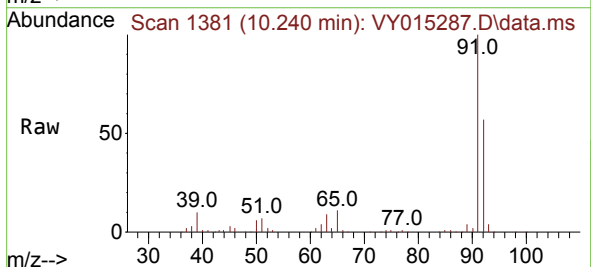
Instrument :
MSVOA_Y
ClientSampleId :

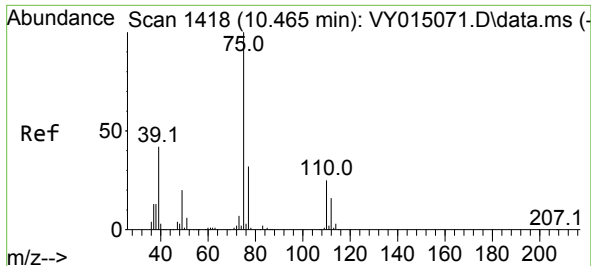
Tgt Ion: 43 Resp: 210037
Ion Ratio Lower Upper
43 100
58 39.4 29.0 43.6



#52
Toluene
Concen: 20.463 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 92 Resp: 75775
Ion Ratio Lower Upper
92 100
91 175.6 143.8 215.6

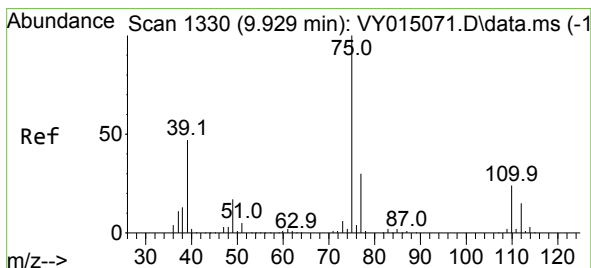
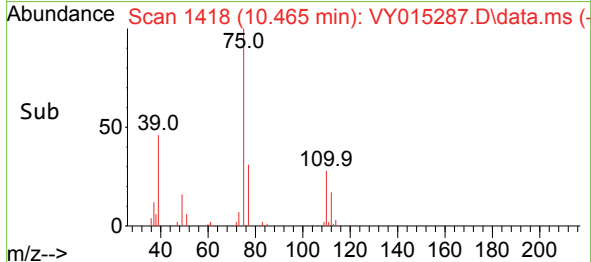
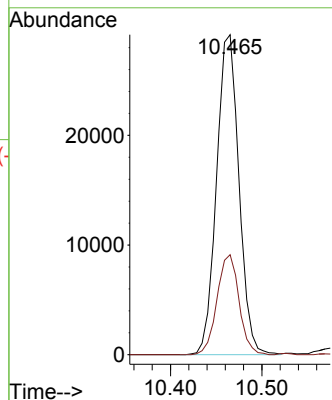
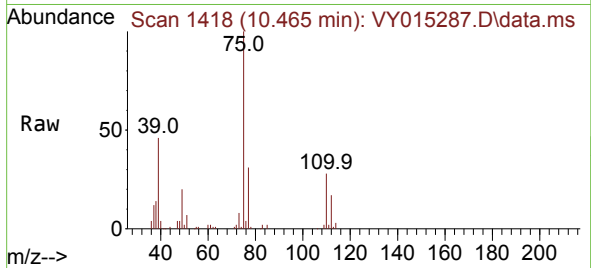




#53
 t-1,3-Dichloropropene
 Concen: 19.835 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY015287.D
 Acq: 23 Aug 2023 17:44

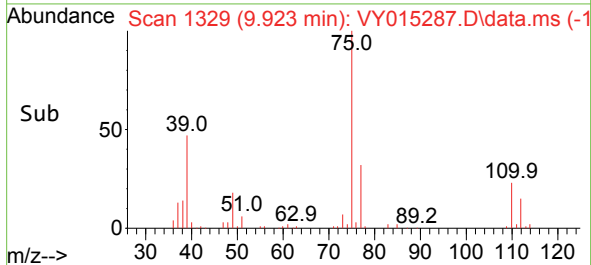
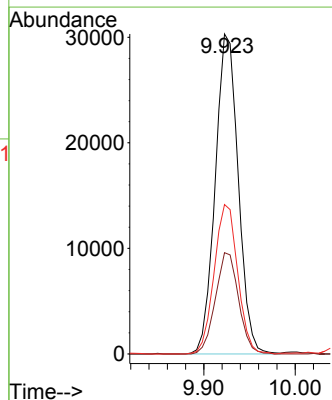
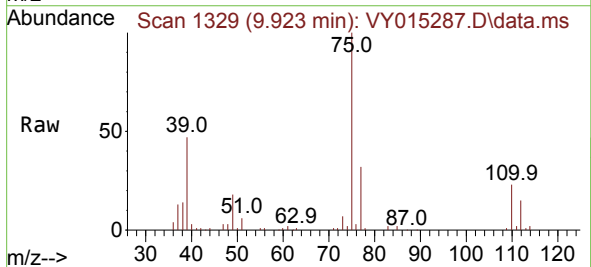
Instrument :
 MSVOA_Y
 ClientSampleId :

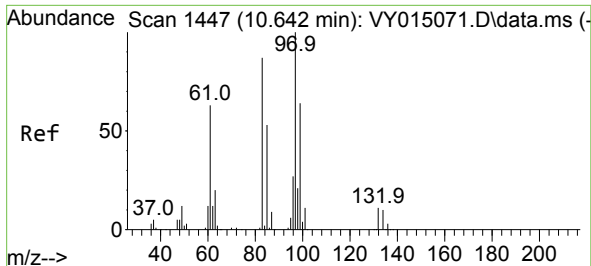
Tgt Ion: 75 Resp: 49704
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.134 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY015287.D
 Acq: 23 Aug 2023 17:44

Tgt Ion: 75 Resp: 53134
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.2 36.4
 39 46.7 42.2 63.4

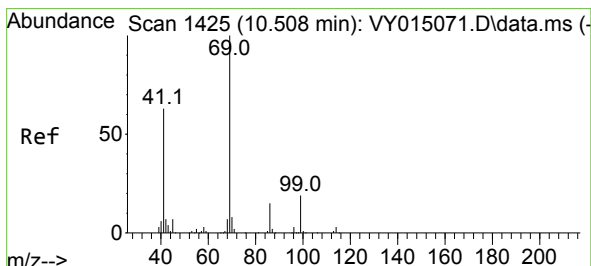
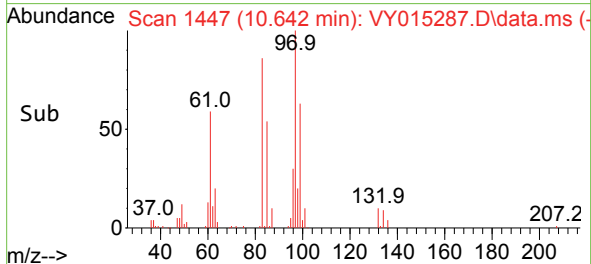
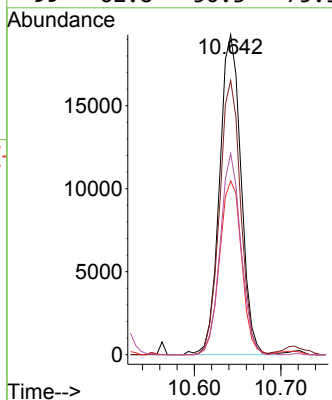
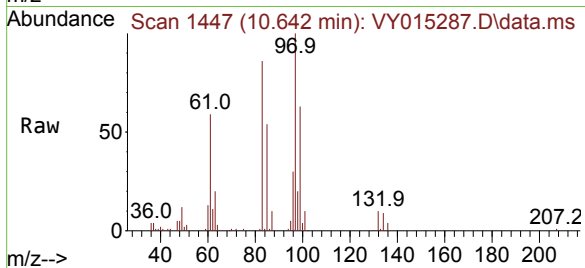




#55
1,1,2-Trichloroethane
Concen: 21.926 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

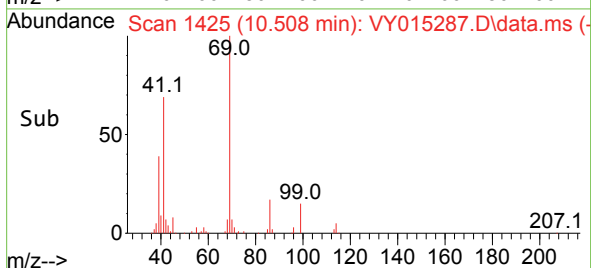
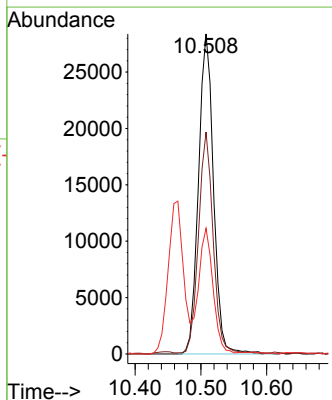
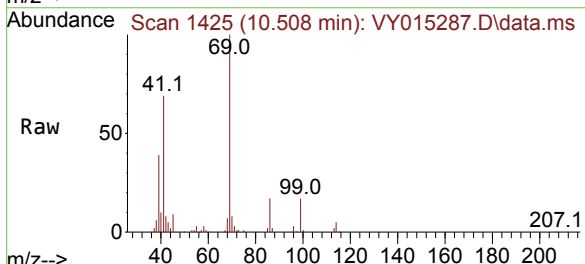
Instrument :
MSVOA_Y
ClientSampleId :

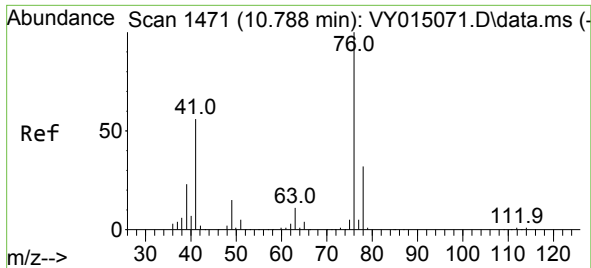
Tgt Ion:	97	Resp:	33312
Ion	Ratio	Lower	Upper
97	100		
83	85.7	72.0	108.0
85	54.3	45.4	68.0
99	62.8	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.292 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion:	69	Resp:	45120
Ion	Ratio	Lower	Upper
69	100		
41	67.9	57.6	86.4
39	37.3	34.1	51.1

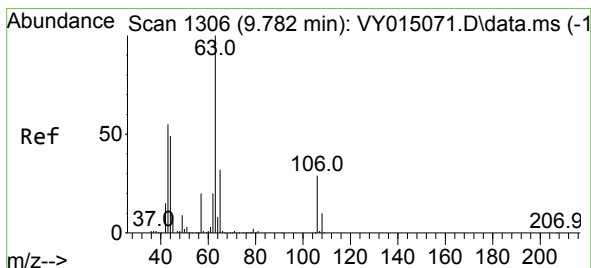
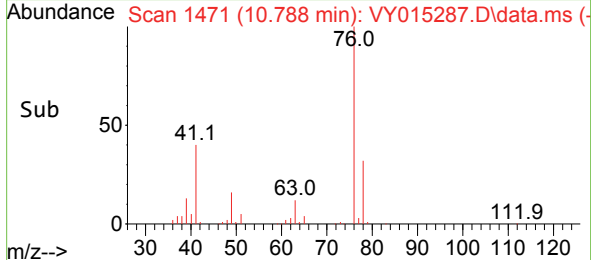
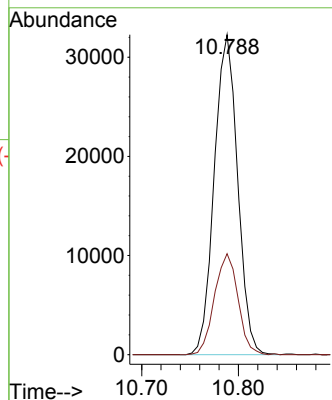
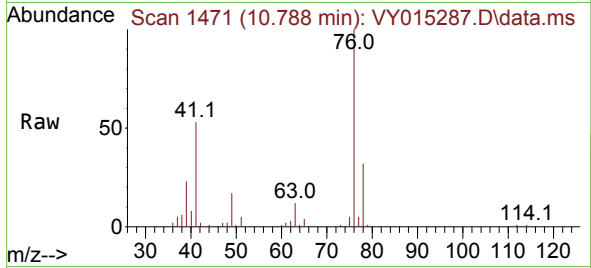




#57
 1,3-Dichloropropane
 Concen: 21.760 ug/l
 RT: 10.788 min Scan# 1471
 Delta R.T. -0.000 min
 Lab File: VY015287.D
 Acq: 23 Aug 2023 17:44

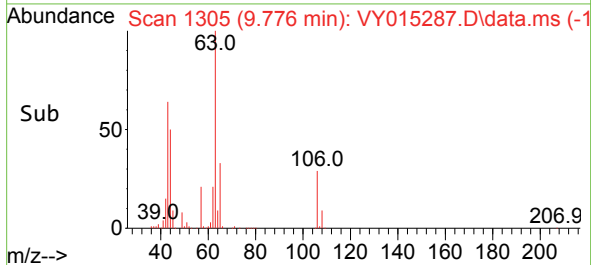
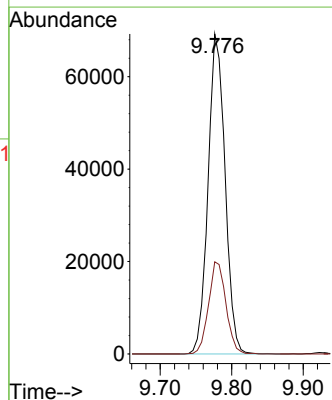
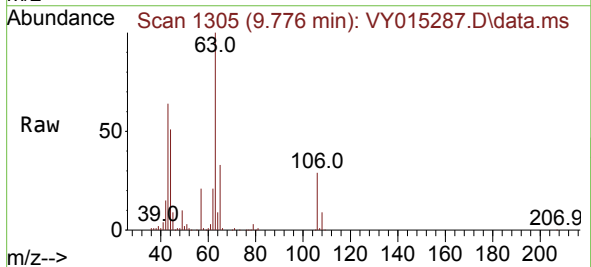
Instrument :
 MSVOA_Y
 ClientSampleId :

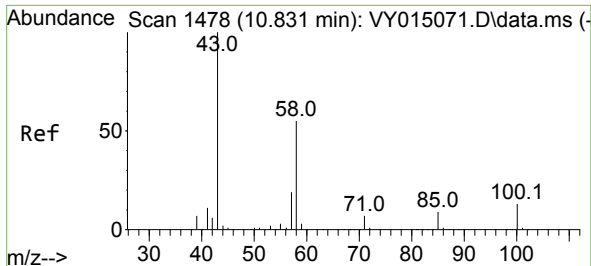
Tgt Ion: 76 Resp: 54013
 Ion Ratio Lower Upper
 76 100
 78 31.8 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.496 ug/l
 RT: 9.776 min Scan# 1305
 Delta R.T. -0.000 min
 Lab File: VY015287.D
 Acq: 23 Aug 2023 17:44

Tgt Ion: 63 Resp: 114337
 Ion Ratio Lower Upper
 63 100
 106 29.4 21.2 31.8

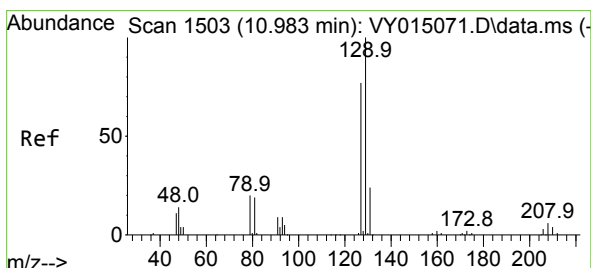
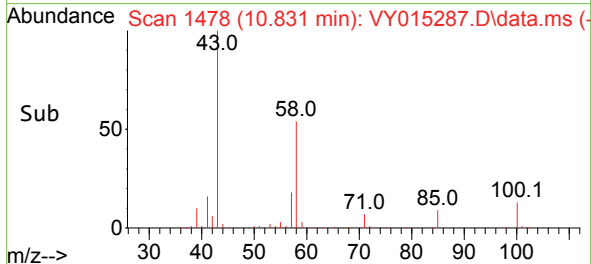
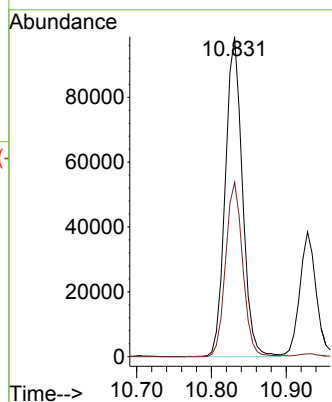
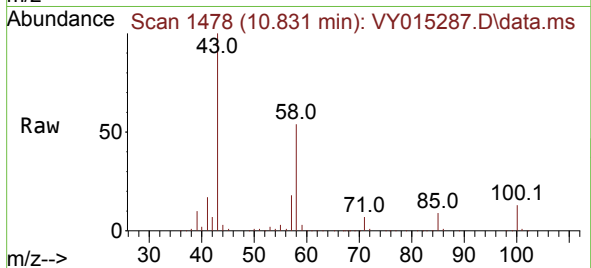




#59
2-Hexanone
Concen: 116.062 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

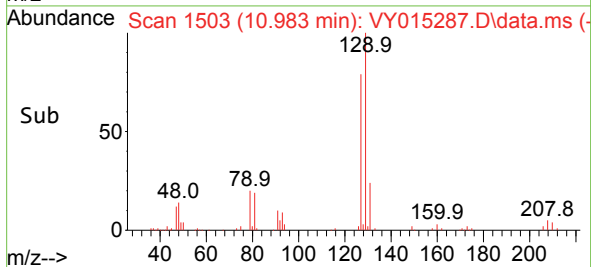
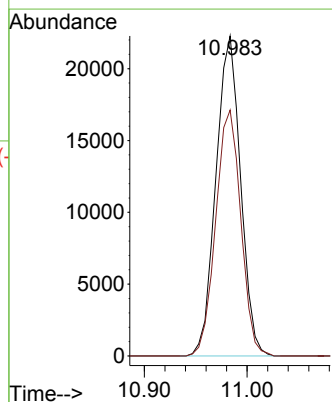
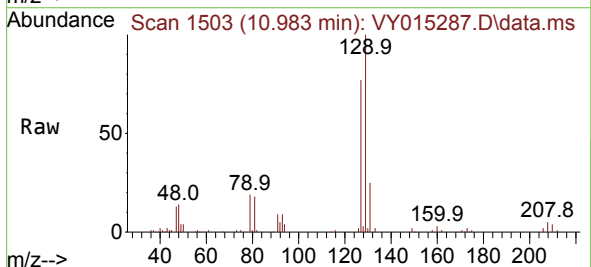
Instrument :
MSVOA_Y
ClientSampleId :

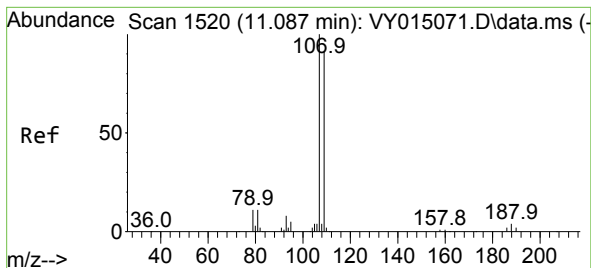
Tgt Ion: 43 Resp: 157034
Ion Ratio Lower Upper
43 100
58 54.6 25.1 75.3



#60
Dibromochloromethane
Concen: 20.454 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 129 Resp: 37070
Ion Ratio Lower Upper
129 100
127 78.2 38.5 115.5

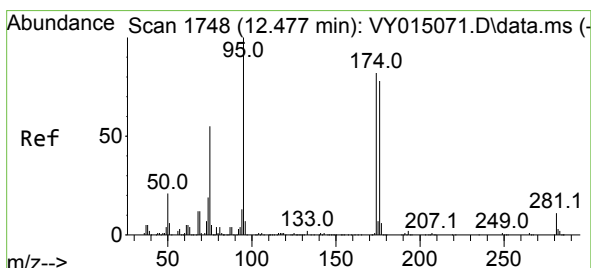
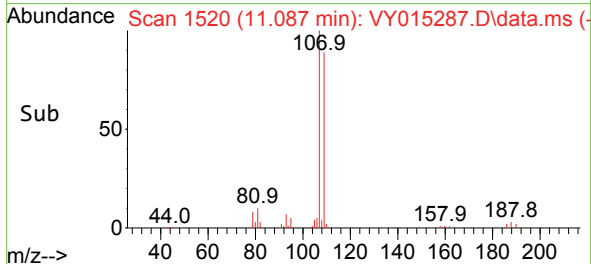
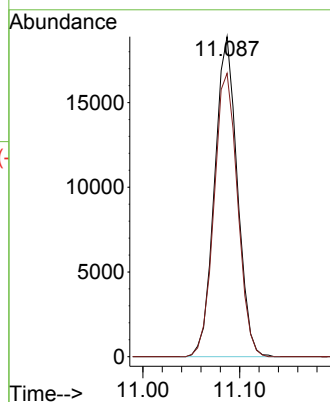
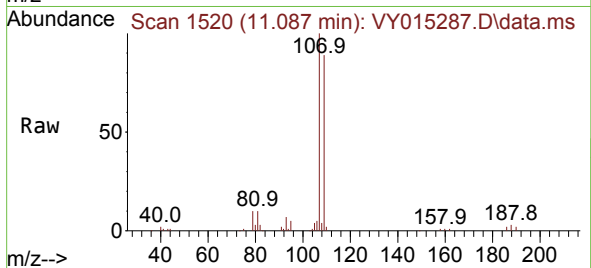




#61
1,2-Dibromoethane
Concen: 21.339 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

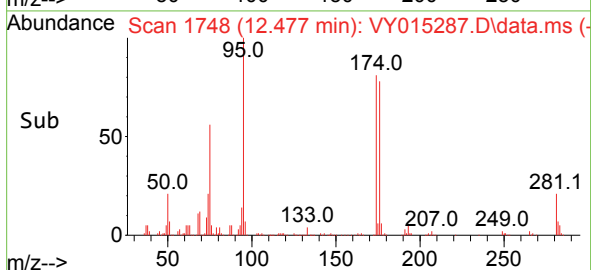
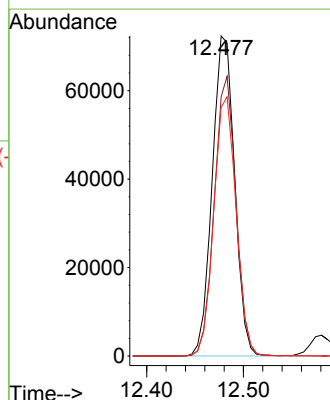
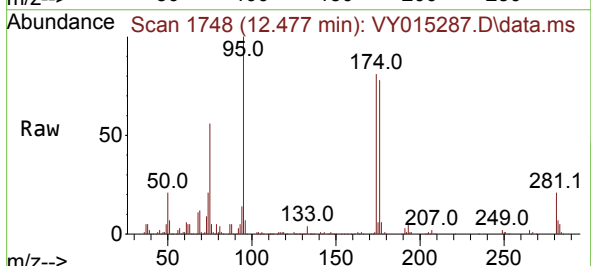
Instrument :
MSVOA_Y
ClientSampleId :

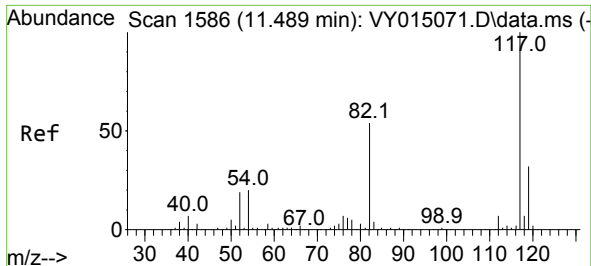
Tgt Ion:107 Resp: 30798
Ion Ratio Lower Upper
107 100
109 91.7 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.901 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

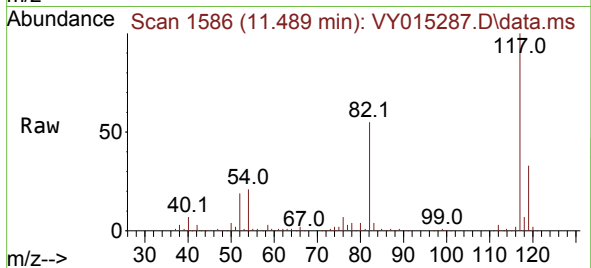
Tgt Ion: 95 Resp: 116250
Ion Ratio Lower Upper
95 100
174 84.7 0.0 178.2
176 80.7 0.0 173.8



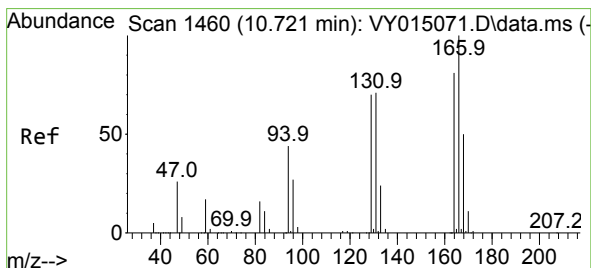
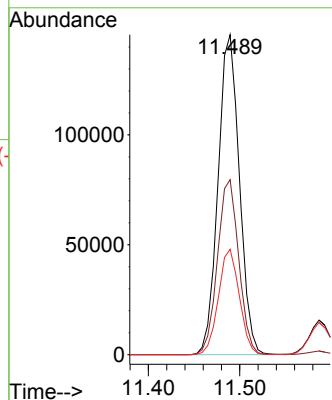
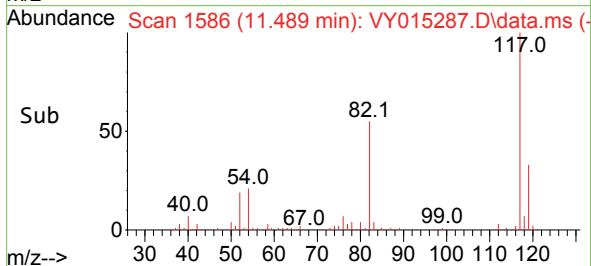


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

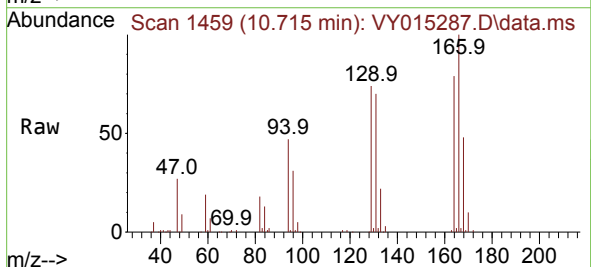
Instrument :
MSVOA_Y
ClientSampleId :



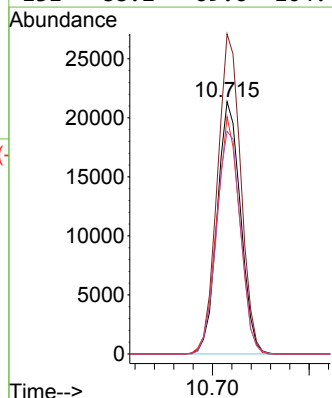
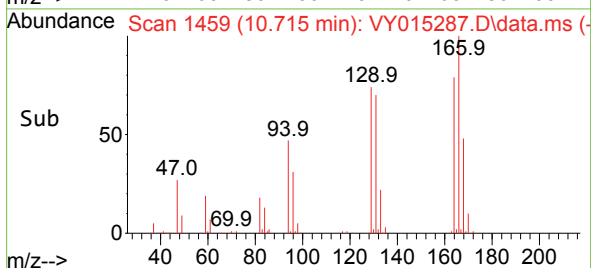
Tgt Ion:117 Resp: 236318
Ion Ratio Lower Upper
117 100
82 54.7 43.4 65.0
119 33.0 26.3 39.5

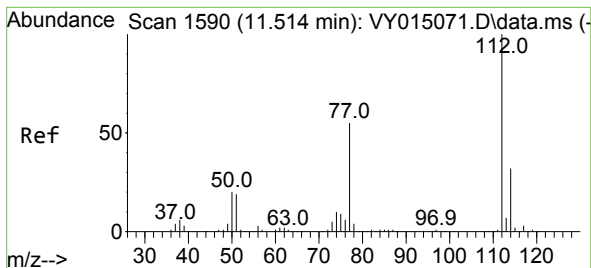


#64
Tetrachloroethene
Concen: 21.730 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44



Tgt Ion:164 Resp: 35777
Ion Ratio Lower Upper
164 100
166 126.8 103.0 154.6
129 94.0 77.2 115.8
131 88.2 69.6 104.4

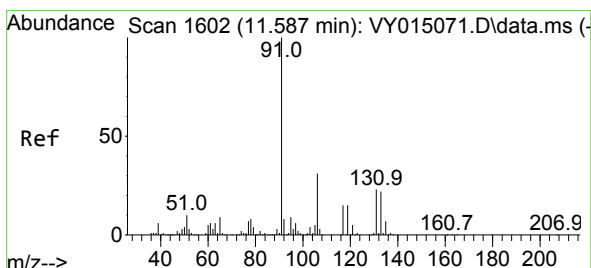
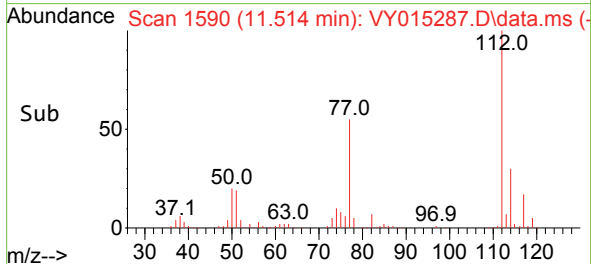
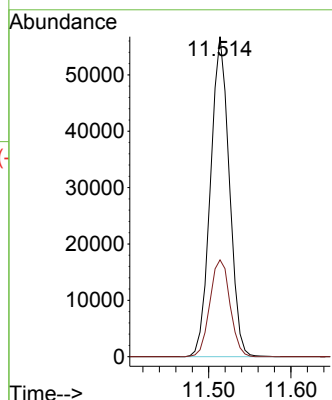
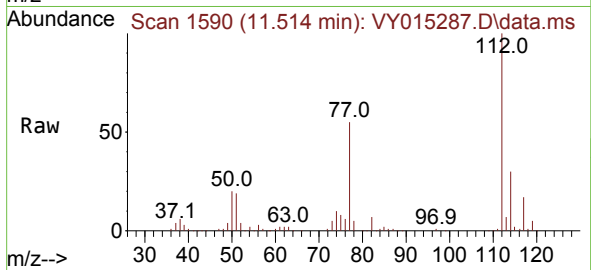




#65
Chlorobenzene
Concen: 20.961 ug/l
RT: 11.514 min Scan# 111
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

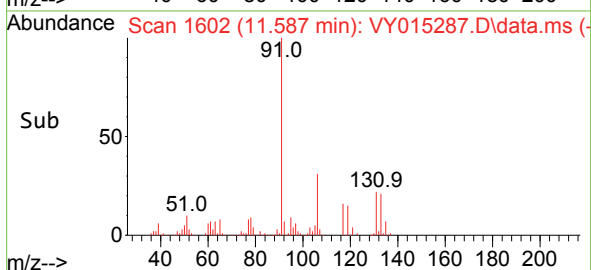
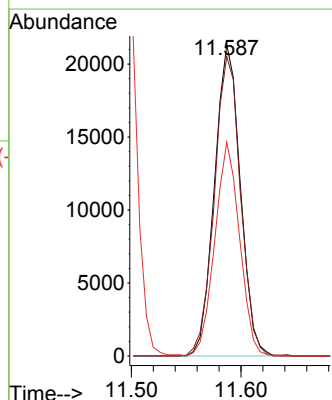
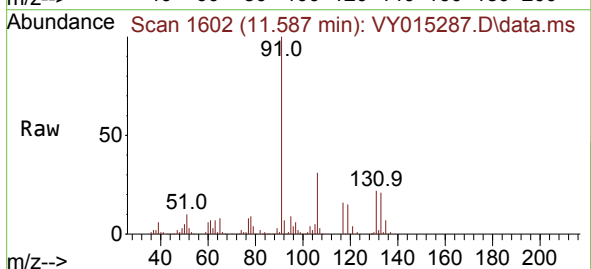
Instrument :
MSVOA_Y
ClientSampleId :

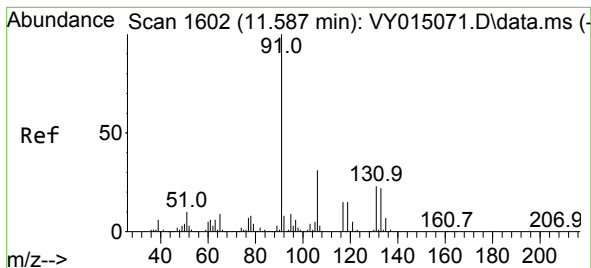
Tgt Ion:112 Resp: 90254
Ion Ratio Lower Upper
112 100
114 30.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 19.954 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion:131 Resp: 34861
Ion Ratio Lower Upper
131 100
133 98.1 47.5 142.6
119 65.9 31.6 94.7





#67

Ethyl Benzene

Concen: 20.350 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

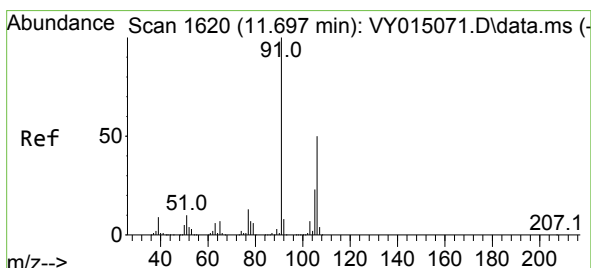
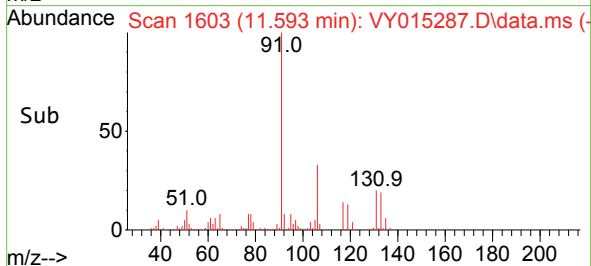
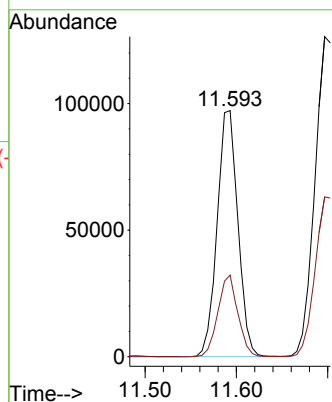
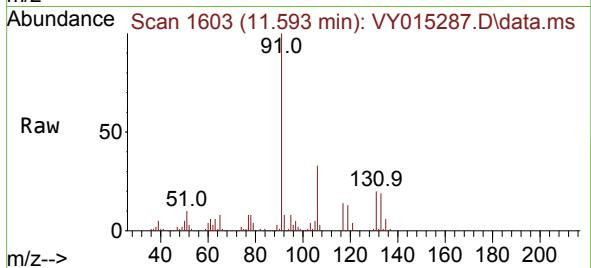
ClientSampleId :

Tgt Ion: 91 Resp: 153519

Ion Ratio Lower Upper

91 100

106 33.1 24.6 36.8



#68

m/p-Xylenes

Concen: 40.871 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.000 min

Lab File: VY015287.D

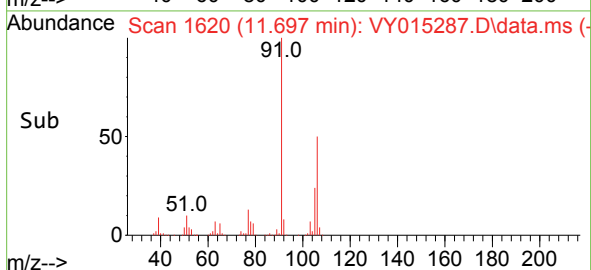
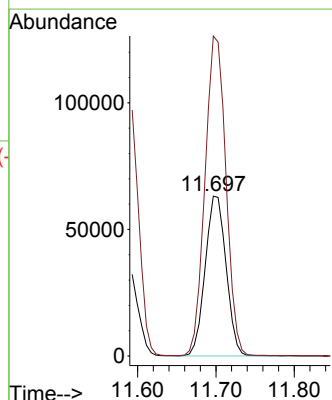
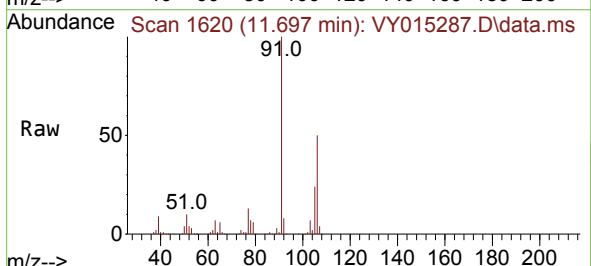
Acq: 23 Aug 2023 17:44

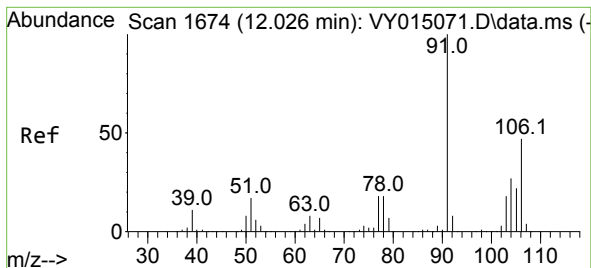
Tgt Ion:106 Resp: 117106

Ion Ratio Lower Upper

106 100

91 200.3 166.1 249.1





#69

o-Xylene

Concen: 20.313 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

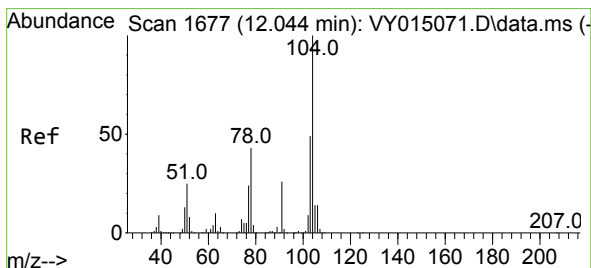
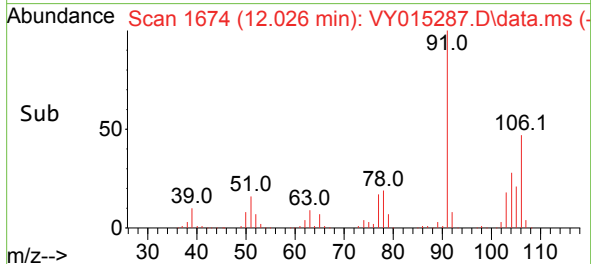
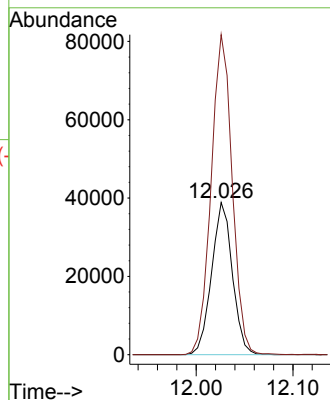
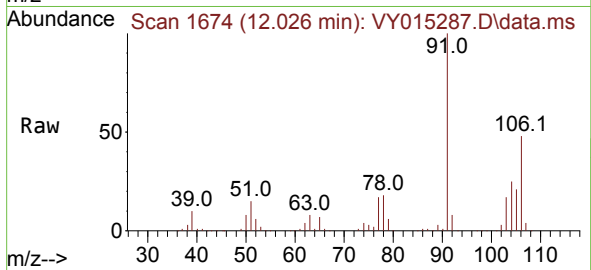
ClientSampleId :

Tgt Ion:106 Resp: 57981

Ion Ratio Lower Upper

106 100

91 213.5 108.1 324.3



#70

Styrene

Concen: 20.307 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

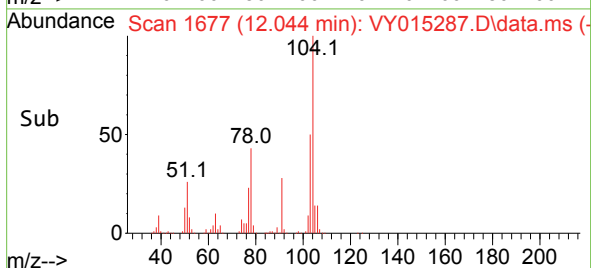
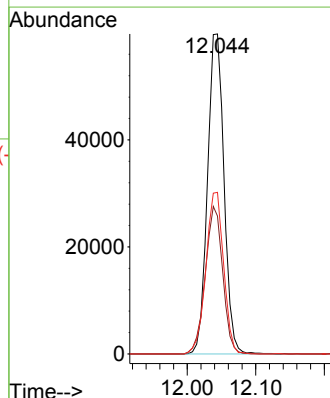
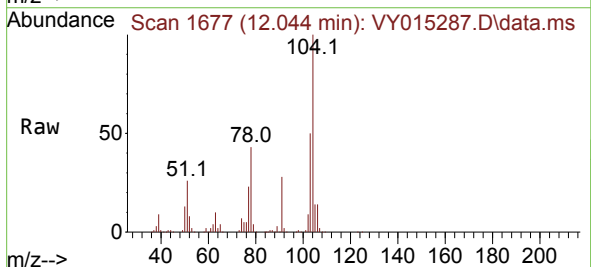
Tgt Ion:104 Resp: 100318

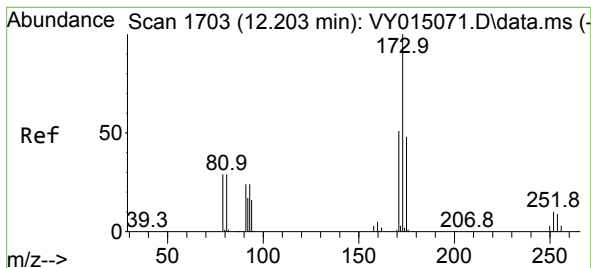
Ion Ratio Lower Upper

104 100

78 48.8 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 19.719 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015287.D

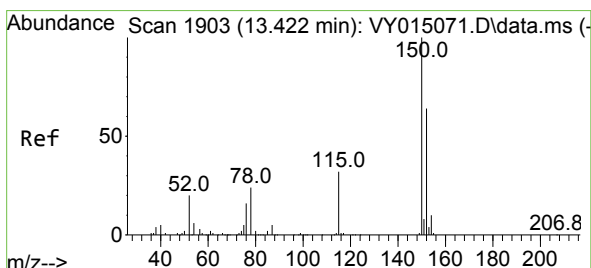
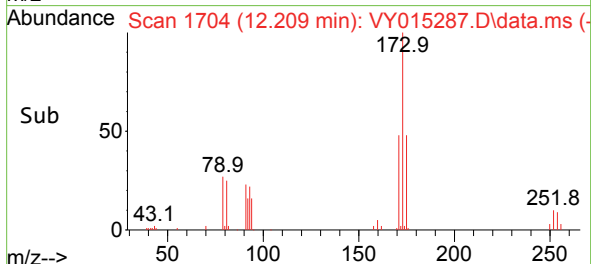
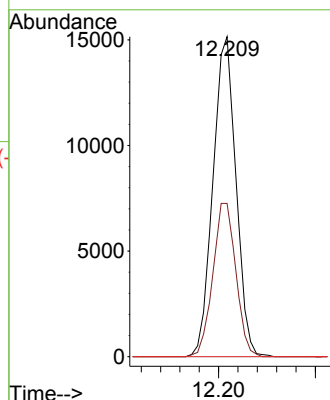
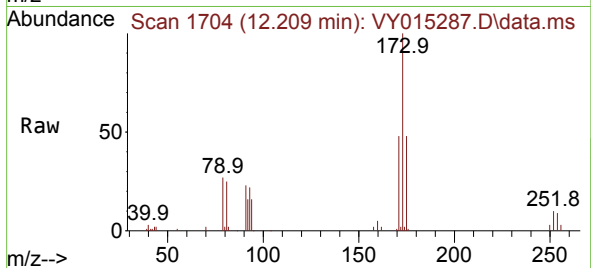
Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	24974
Ion Ratio	Lower	Upper
173	100	
175	48.1	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

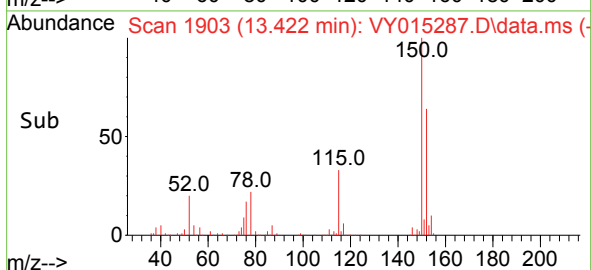
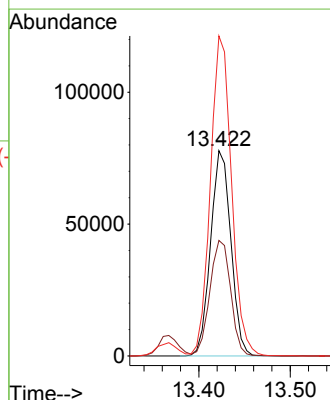
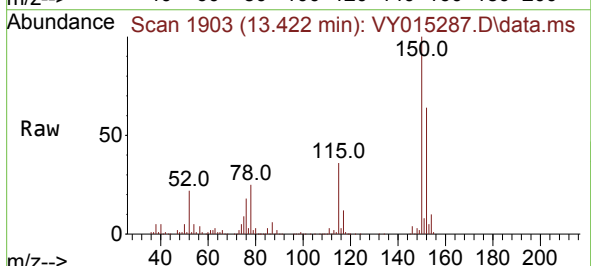
RT: 13.422 min Scan# 1903

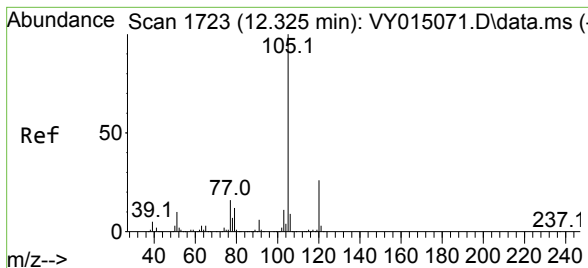
Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Tgt Ion:152	Resp:	120043
Ion Ratio	Lower	Upper
152	100	
115	57.6	28.8 86.5
150	162.1	0.0 348.8





#73

Isopropylbenzene

Concen: 20.755 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

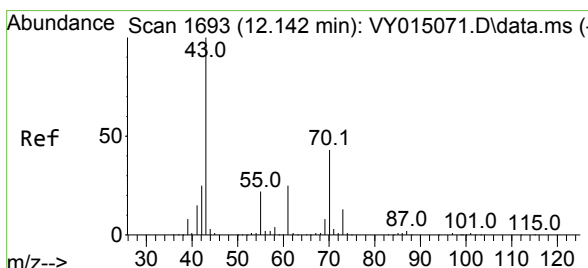
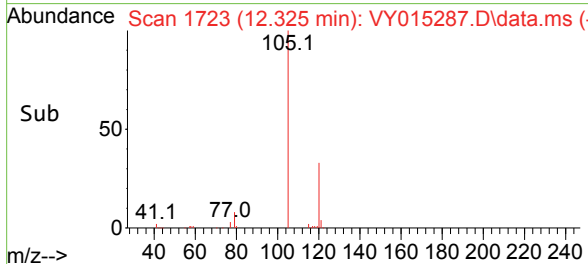
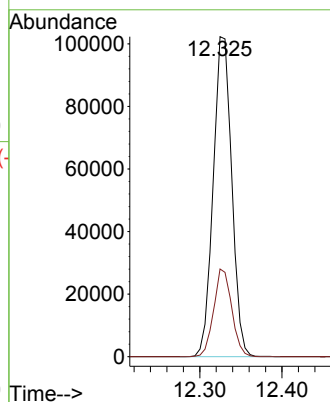
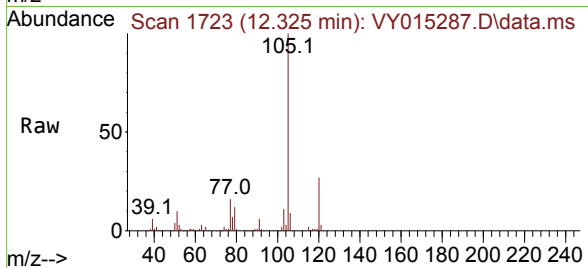
ClientSampleId :

Tgt Ion:105 Resp: 160212

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 20.736 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Tgt Ion: 43 Resp: 57792

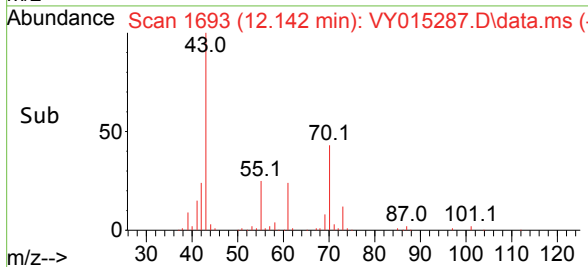
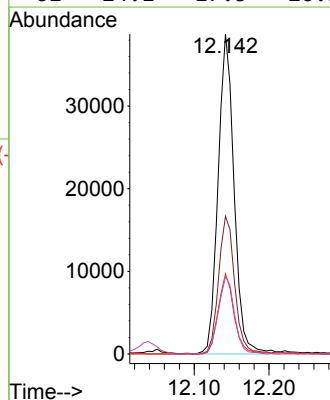
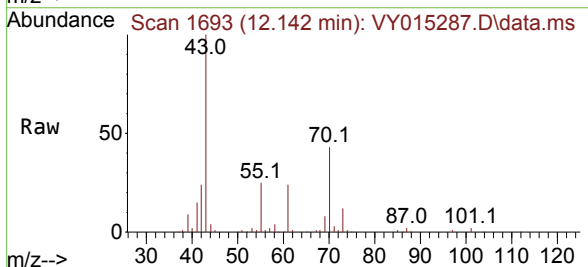
Ion Ratio Lower Upper

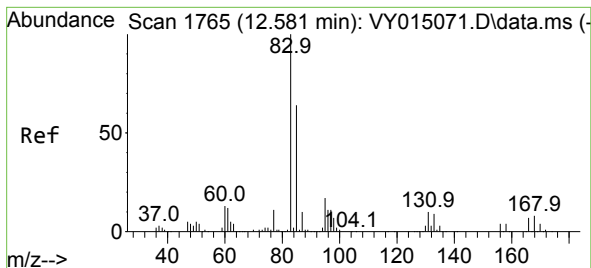
43 100

70 43.5 29.7 44.5

55 25.0 18.3 27.5

61 24.1 17.5 26.3

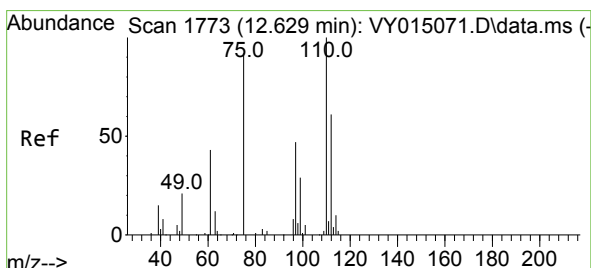
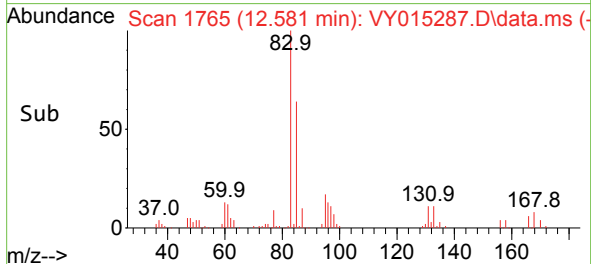
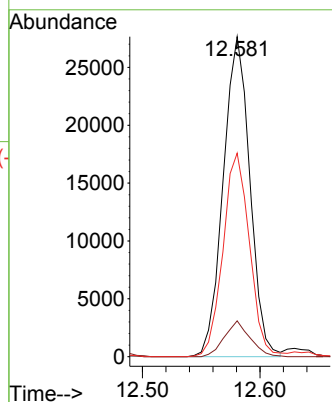
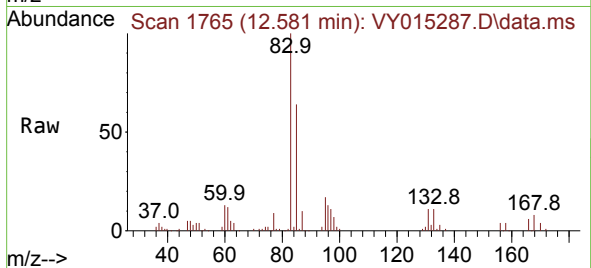




#75
1,1,2,2-Tetrachloroethane
Concen: 21.686 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

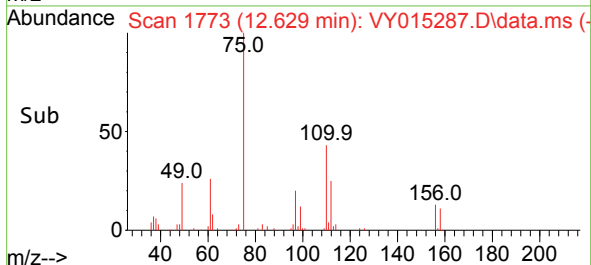
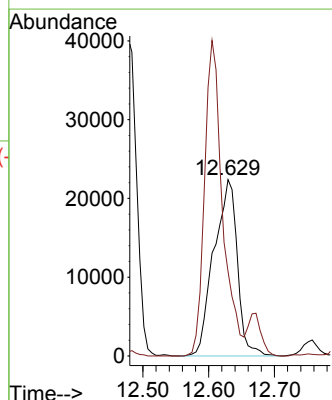
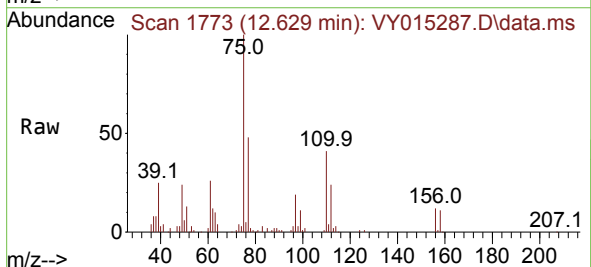
Instrument :
MSVOA_Y
ClientSampleId :

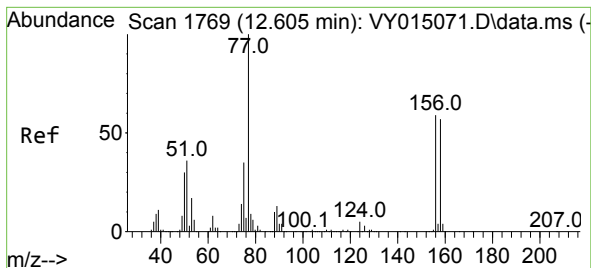
Tgt Ion: 83 Resp: 43597
Ion Ratio Lower Upper
83 100
131 10.8 5.4 16.2
85 63.3 31.8 95.4



#76
1,2,3-Trichloropropane
Concen: 38.114 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 75 Resp: 55587
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.485 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

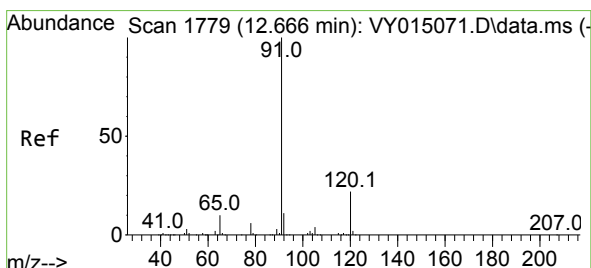
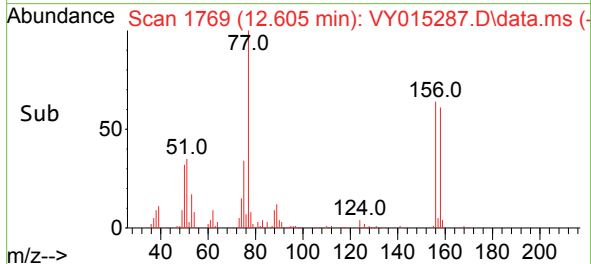
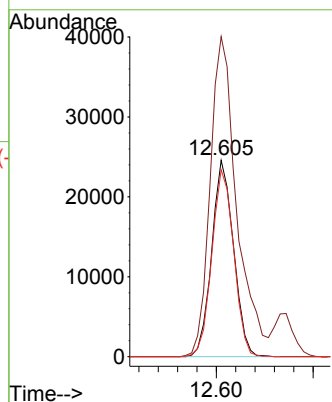
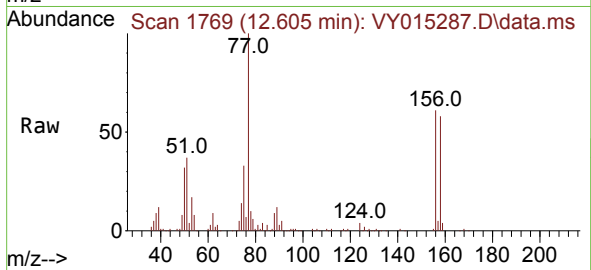
Tgt Ion:156 Resp: 38544

Ion Ratio Lower Upper

156 100

77 198.7 92.8 278.6

158 95.4 48.4 145.3



#78

n-propylbenzene

Concen: 20.713 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015287.D

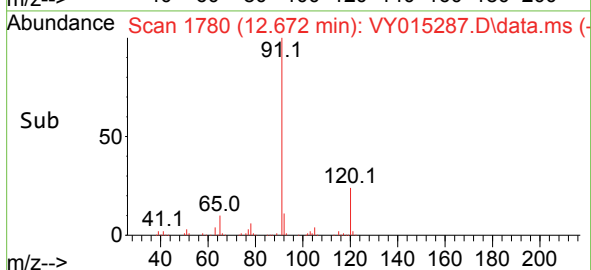
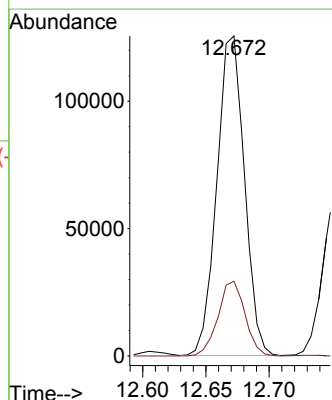
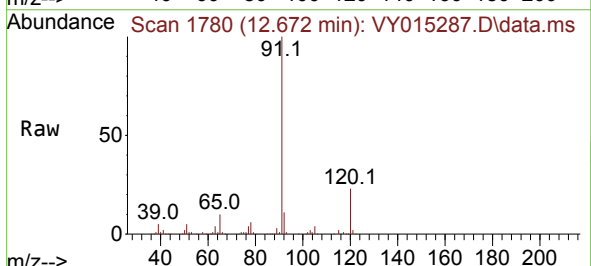
Acq: 23 Aug 2023 17:44

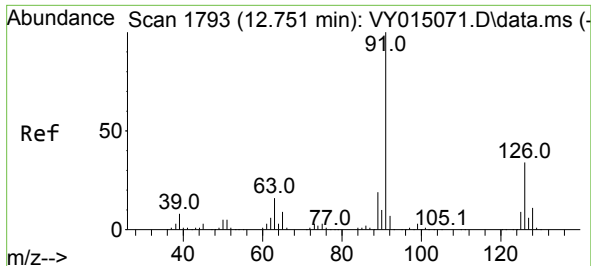
Tgt Ion: 91 Resp: 189865

Ion Ratio Lower Upper

91 100

120 22.9 11.5 34.4

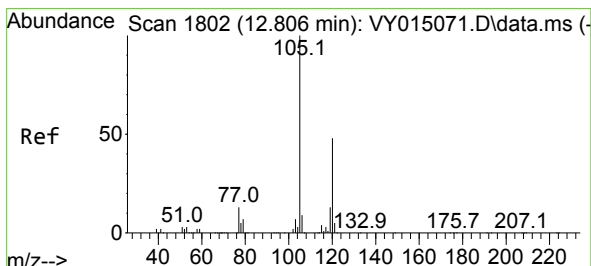
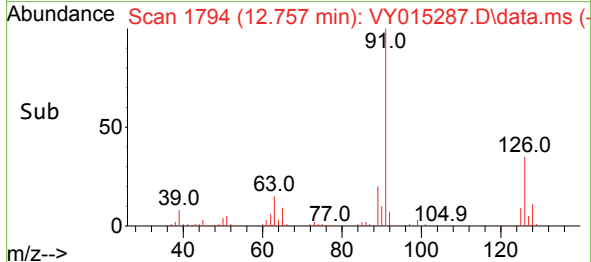
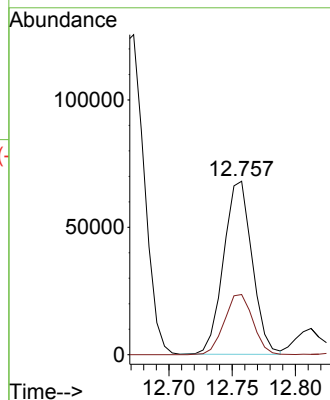
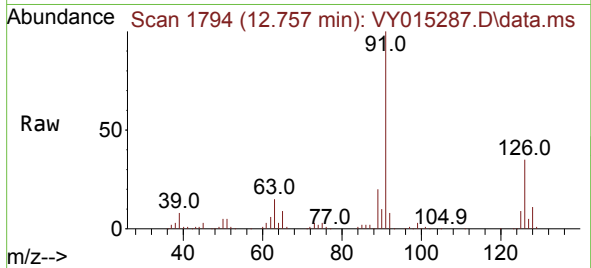




#79
2-Chlorotoluene
Concen: 20.222 ug/l
RT: 12.757 min Scan# 1793
Delta R.T. 0.006 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

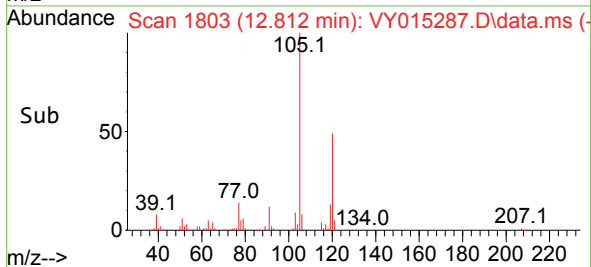
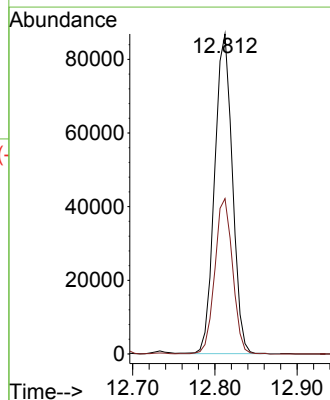
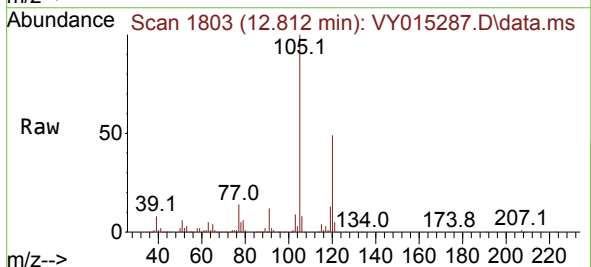
Instrument :
MSVOA_Y
ClientSampleId :

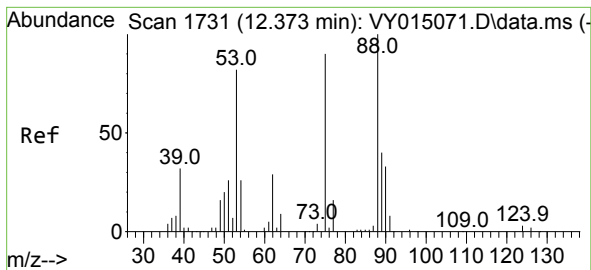
Tgt Ion: 91 Resp: 106934
Ion Ratio Lower Upper
91 100
126 34.8 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.241 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 105 Resp: 130241
Ion Ratio Lower Upper
105 100
120 48.7 23.9 71.7

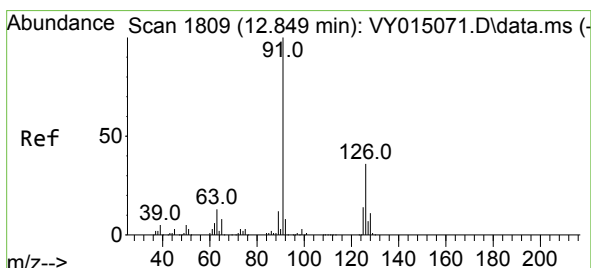
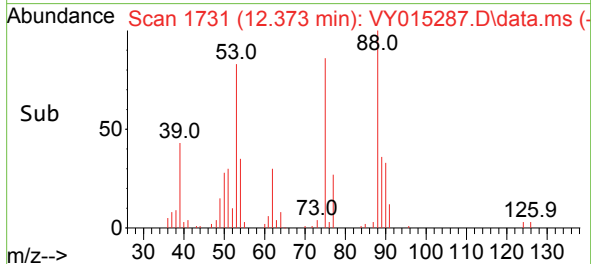
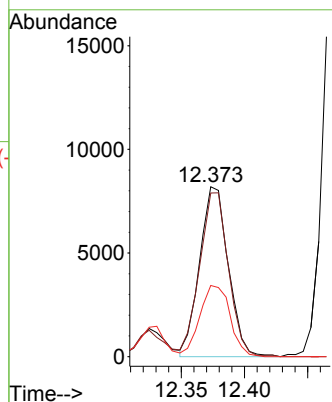
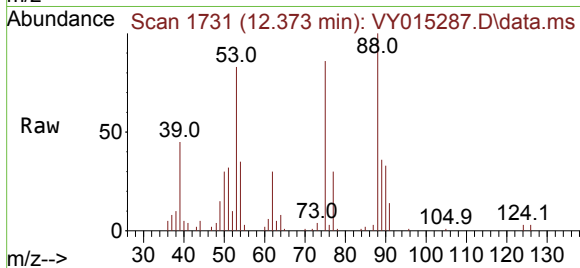




#81
trans-1,4-Dichloro-2-butene
Concen: 19.529 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

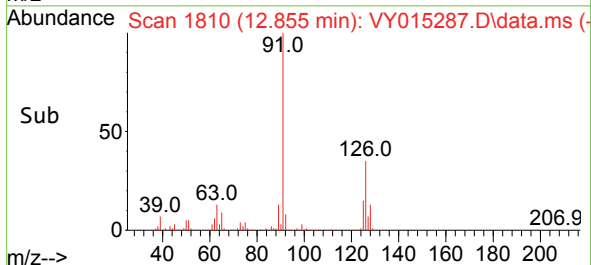
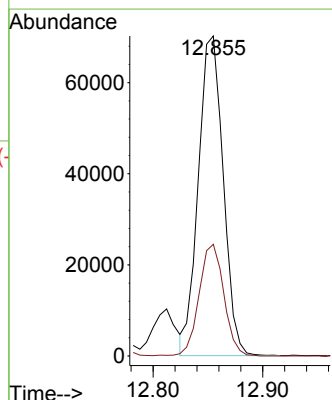
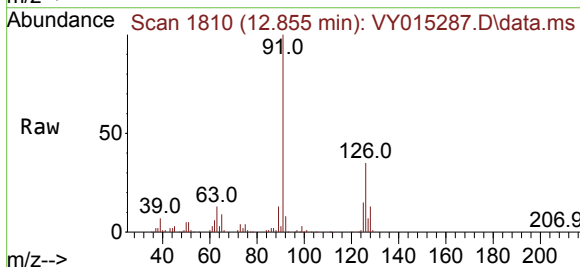
Instrument :
MSVOA_Y
ClientSampleId :

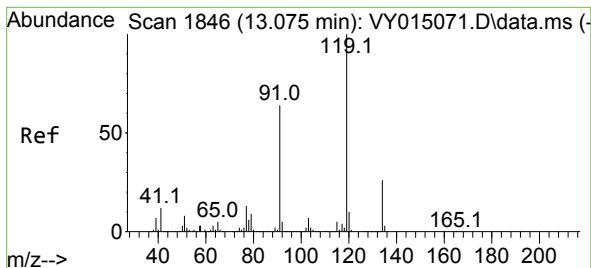
Tgt Ion: 75 Resp: 12967
Ion Ratio Lower Upper
75 100
53 96.7 77.8 116.8
89 44.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.243 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 91 Resp: 110588
Ion Ratio Lower Upper
91 100
126 34.8 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.165 ug/l

RT: 13.074 min Scan# 118681

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

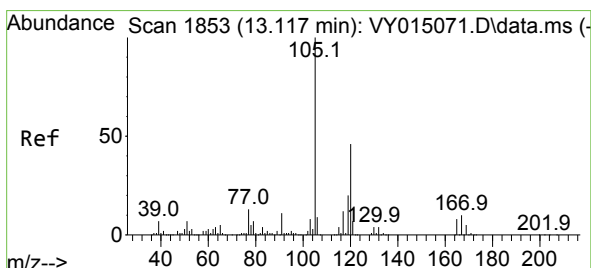
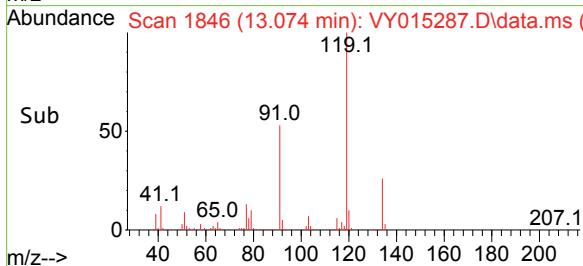
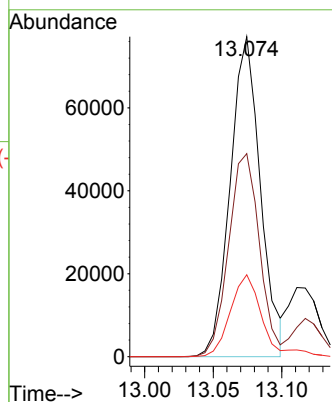
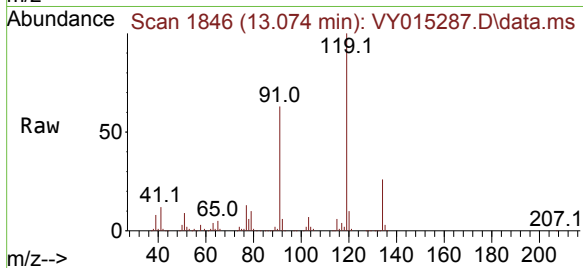
Tgt Ion:119 Resp: 118681

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 26.9 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.295 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015287.D

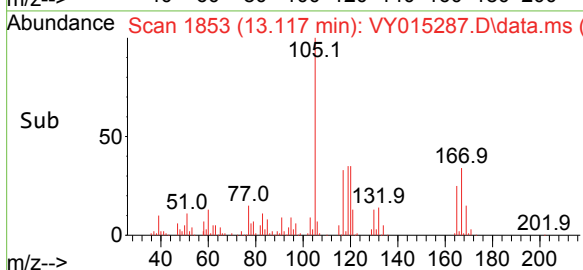
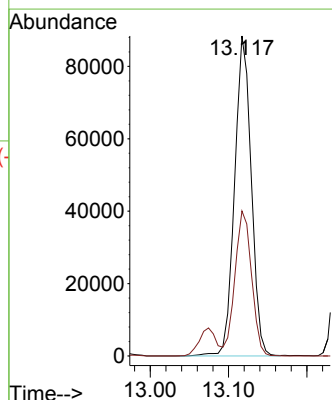
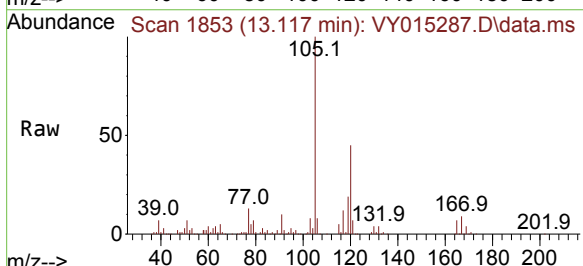
Acq: 23 Aug 2023 17:44

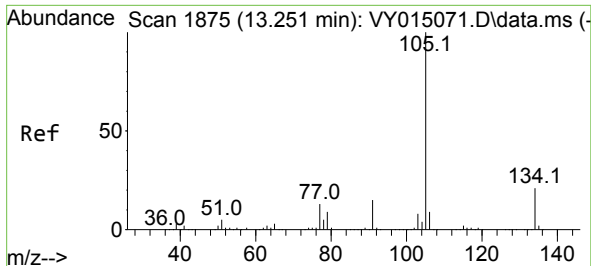
Tgt Ion:105 Resp: 130490

Ion Ratio Lower Upper

105 100

120 45.0 22.2 66.6

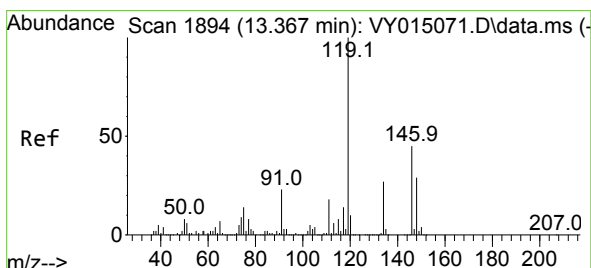
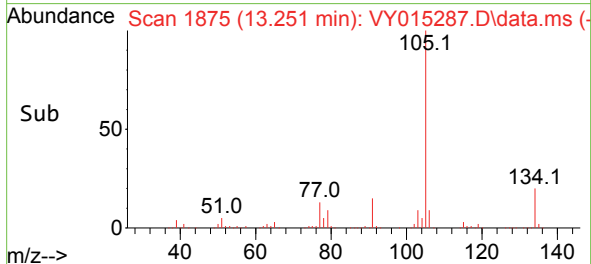
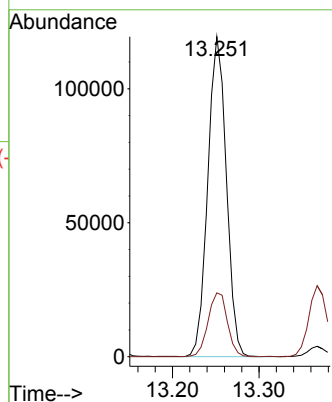
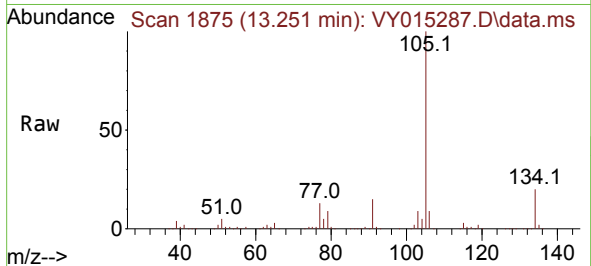




#85
 sec-Butylbenzene
 Concen: 20.627 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. -0.000 min
 Lab File: VY015287.D
 Acq: 23 Aug 2023 17:44

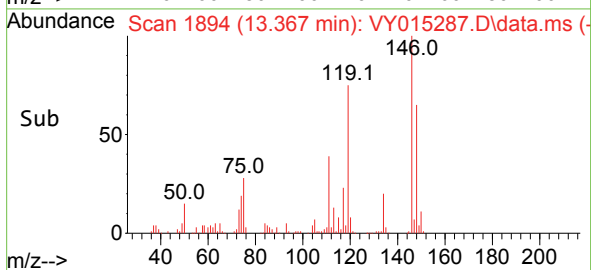
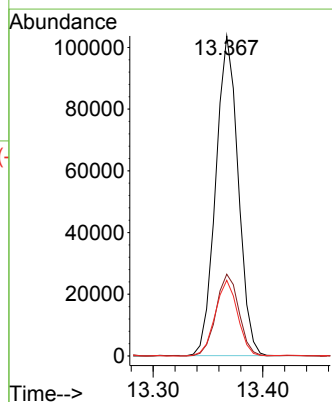
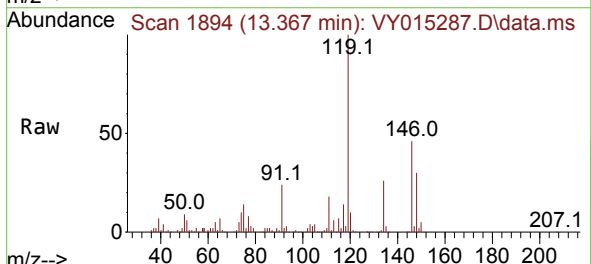
Instrument :
 MSVOA_Y
 ClientSampleId :

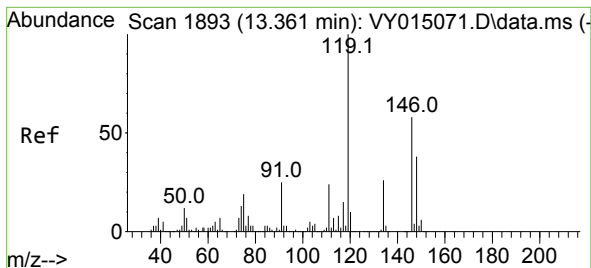
Tgt Ion:105 Resp: 177871
 Ion Ratio Lower Upper
 105 100
 134 20.7 10.2 30.6



#86
 p-Isopropyltoluene
 Concen: 20.625 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.000 min
 Lab File: VY015287.D
 Acq: 23 Aug 2023 17:44

Tgt Ion:119 Resp: 147461
 Ion Ratio Lower Upper
 119 100
 134 26.1 13.3 39.8
 91 23.8 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 20.786 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

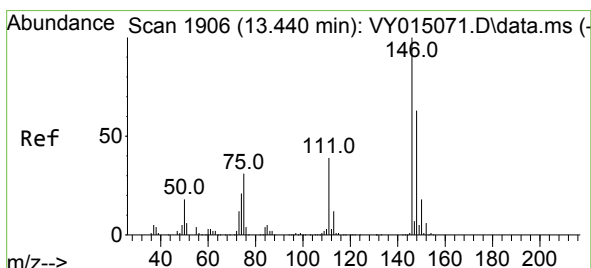
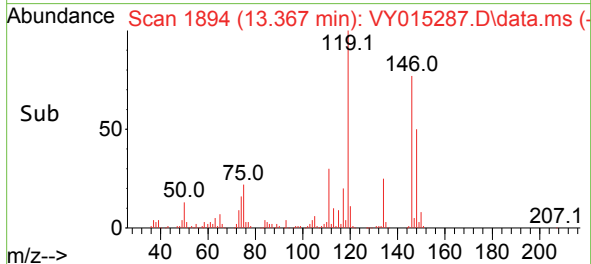
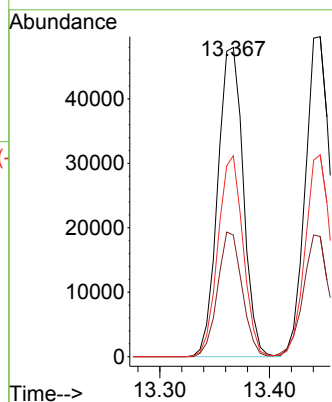
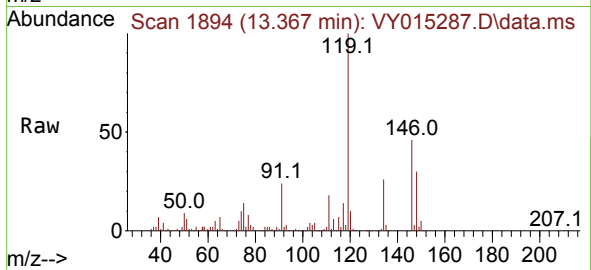
Tgt Ion:146 Resp: 77572

Ion Ratio Lower Upper

146 100

111 38.8 19.4 58.2

148 63.7 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.099 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

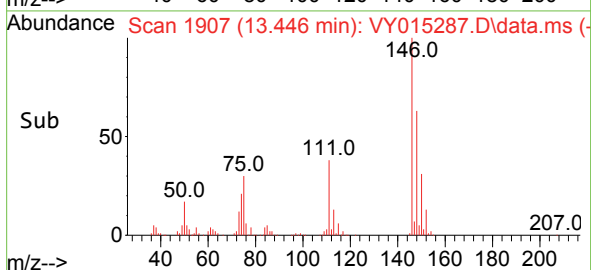
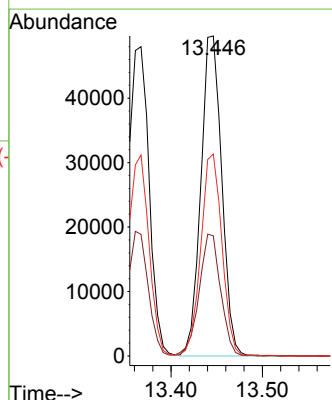
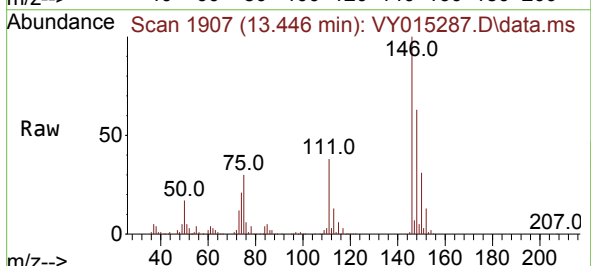
Tgt Ion:146 Resp: 78976

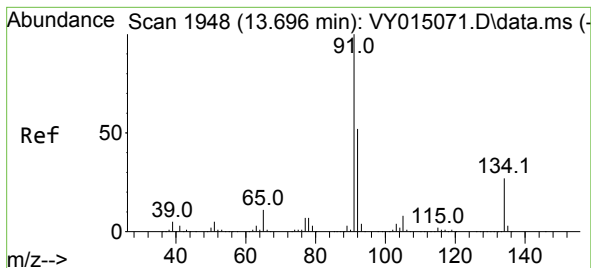
Ion Ratio Lower Upper

146 100

111 39.2 18.9 56.7

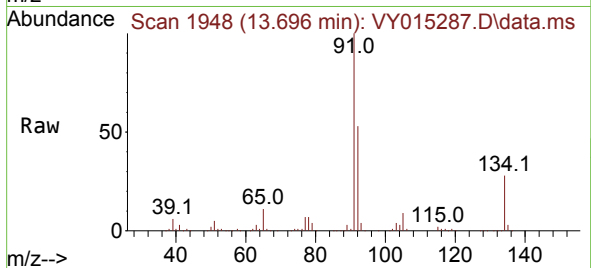
148 63.8 32.1 96.5



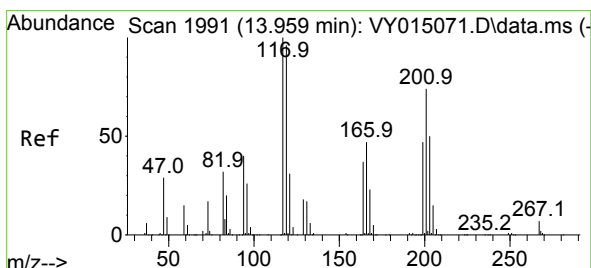
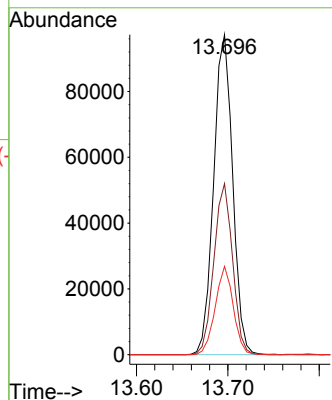
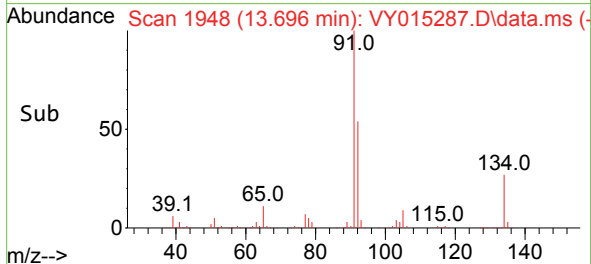


#89
n-Butylbenzene
Concen: 20.814 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Instrument :
MSVOA_Y
ClientSampleId :

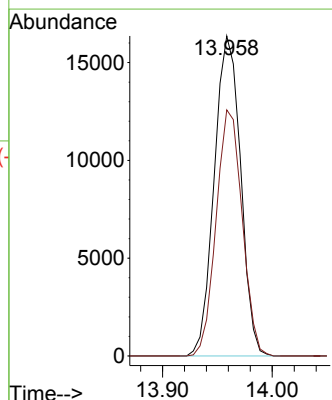
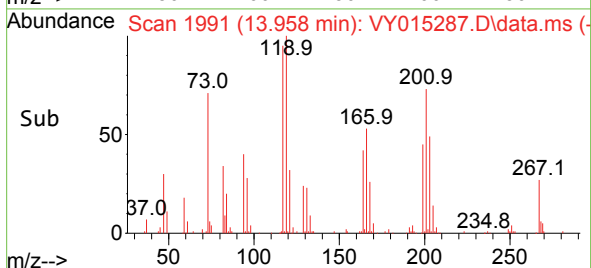
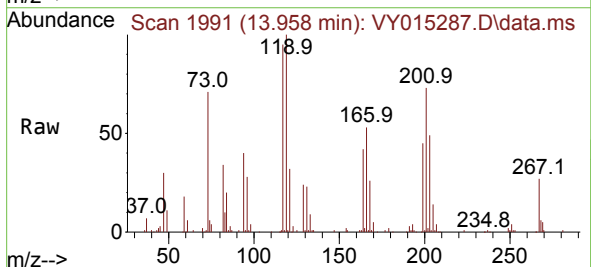


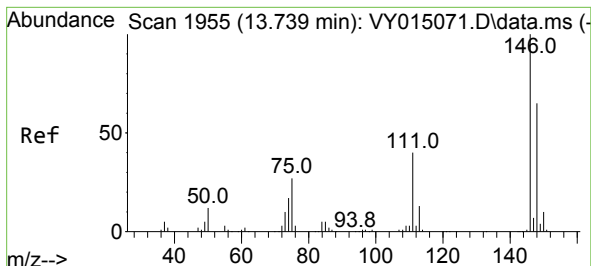
Tgt Ion: 91 Resp: 140309
Ion Ratio Lower Upper
91 100
92 52.6 25.4 76.0
134 26.3 12.6 37.6



#90
Hexachloroethane
Concen: 19.258 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY015287.D
Acq: 23 Aug 2023 17:44

Tgt Ion: 117 Resp: 27314
Ion Ratio Lower Upper
117 100
201 76.1 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.843 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

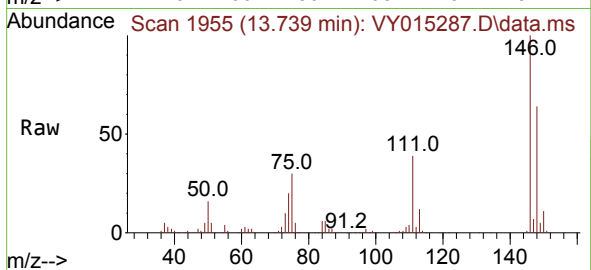
Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :



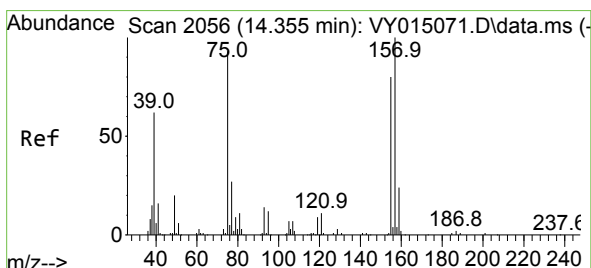
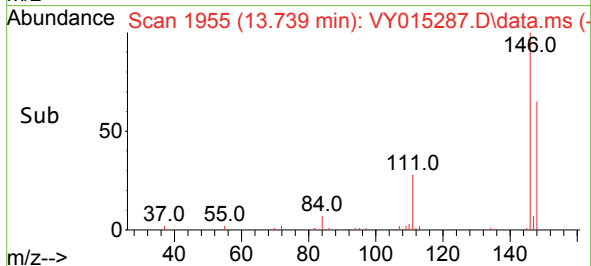
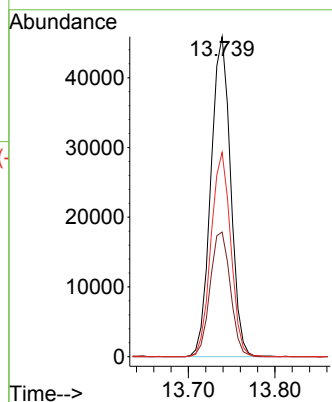
Tgt Ion:146 Resp: 72665

Ion Ratio Lower Upper

146 100

111 40.1 19.7 59.0

148 63.7 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.741 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

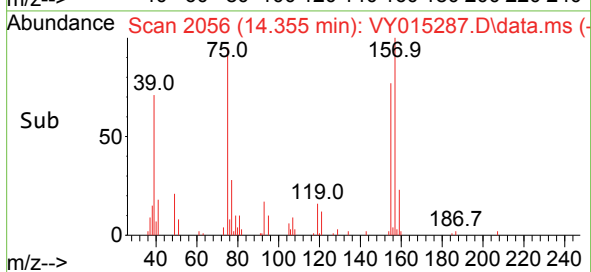
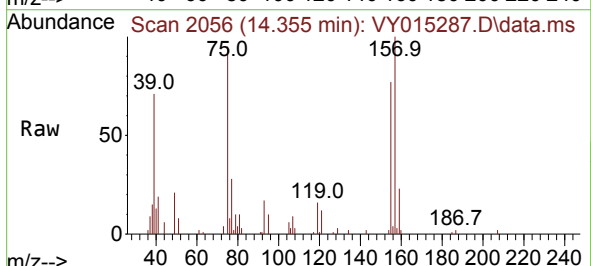
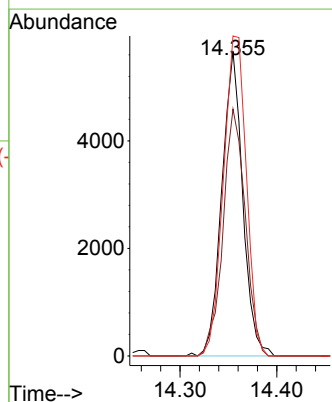
Tgt Ion: 75 Resp: 8467

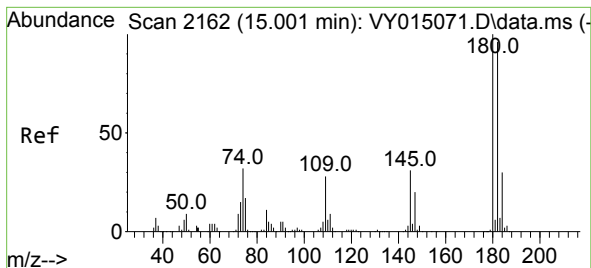
Ion Ratio Lower Upper

75 100

155 86.4 41.5 124.6

157 115.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.640 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :

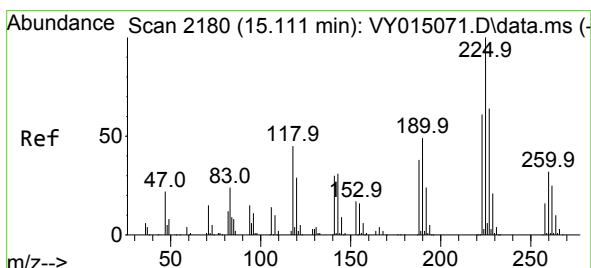
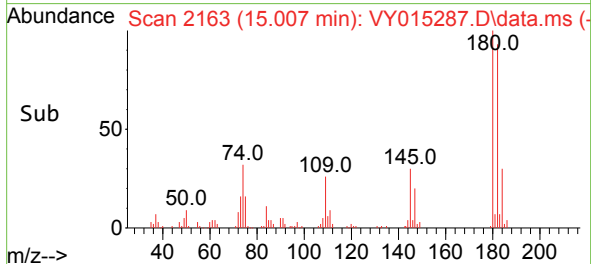
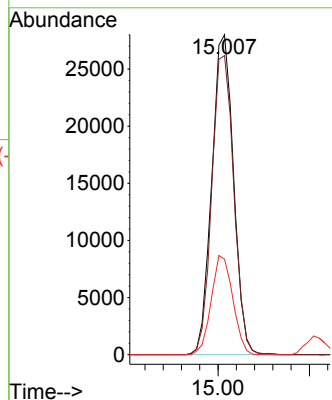
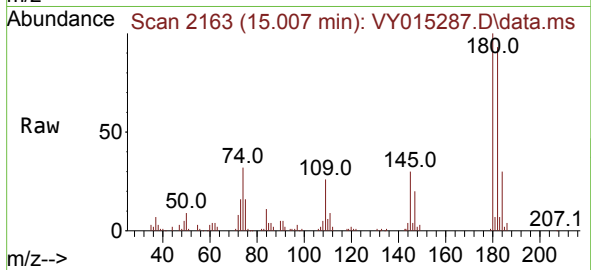
Tgt Ion:180 Resp: 46198

Ion Ratio Lower Upper

180 100

182 94.6 47.0 141.2

145 30.7 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.960 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

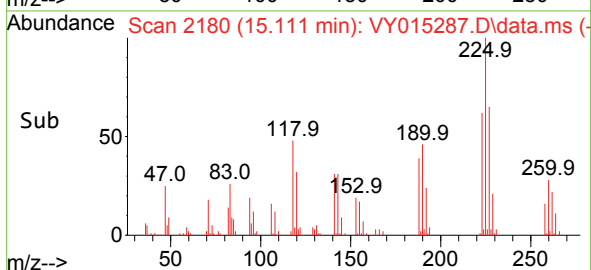
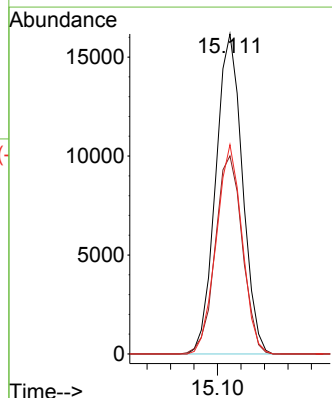
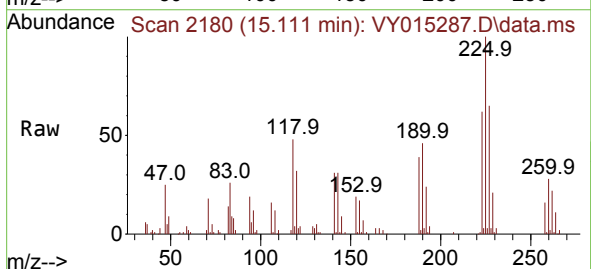
Tgt Ion:225 Resp: 25518

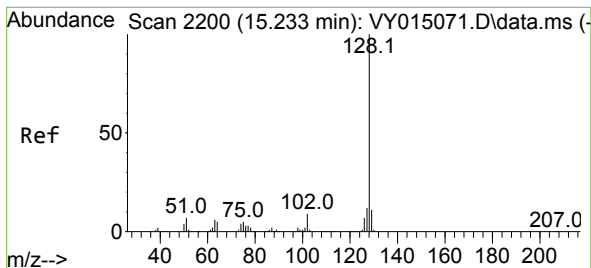
Ion Ratio Lower Upper

225 100

223 62.9 31.9 95.9

227 63.4 33.0 98.9





#95

Naphthalene

Concen: 20.740 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

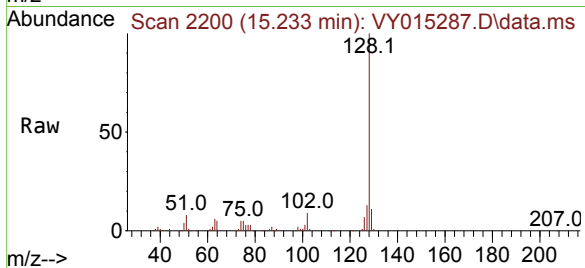
Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Instrument :

MSVOA_Y

ClientSampleId :



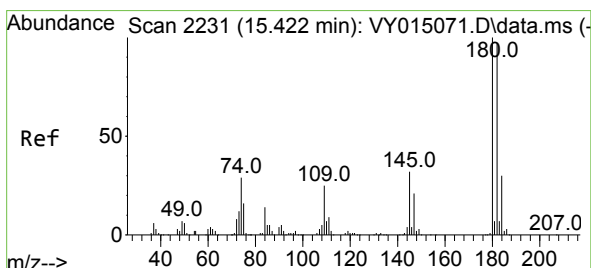
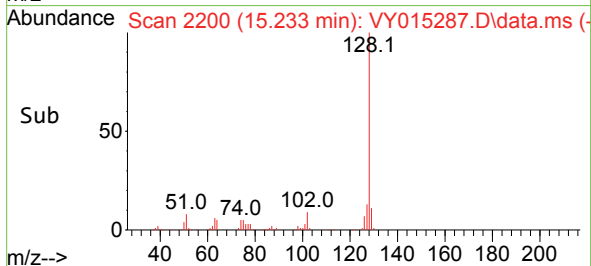
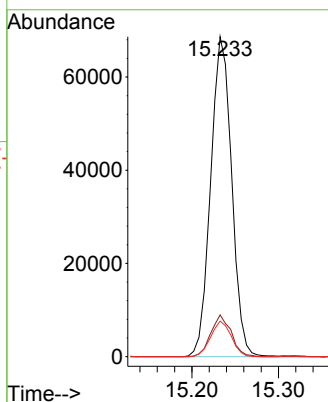
Tgt Ion:128 Resp: 115640

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 21.402 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015287.D

Acq: 23 Aug 2023 17:44

Tgt Ion:180 Resp: 43262

Ion Ratio Lower Upper

180 100

182 94.4 47.3 141.8

145 31.8 15.4 46.2

