

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082123\
 Data File : VY015213.D
 Acq On : 21 Aug 2023 12:15
 Operator : SY/MD
 Sample : VY0821SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 22 01:51:18 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	194016	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	316011	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	285600	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146651	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	111190	47.742	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.480%
35) Dibromofluoromethane	7.710	113	99681	49.031	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.060%
50) Toluene-d8	10.179	98	367389	48.545	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.080%
62) 4-Bromofluorobenzene	12.477	95	132596	47.969	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	19543	20.561	ug/l	98
3) Chloromethane	2.113	50	22929	17.291	ug/l	95
4) Vinyl Chloride	2.247	62	29064	18.826	ug/l	97
5) Bromomethane	2.631	94	24773	20.805	ug/l	96
6) Chloroethane	2.784	64	21936	19.570	ug/l	98
7) Trichlorofluoromethane	3.113	101	51936	19.965	ug/l	100
8) Diethyl Ether	3.521	74	19730	19.339	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	33381	20.647	ug/l	95
10) Methyl Iodide	4.076	142	26239	16.528	ug/l	98
11) Tert butyl alcohol	4.942	59	46383	112.024	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	25761	19.082	ug/l	85
13) Acrolein	3.723	56	18233	87.157	ug/l	98
14) Allyl chloride	4.472	41	44297	18.507	ug/l	97
15) Acrylonitrile	5.155	53	59033	85.382	ug/l	99
16) Acetone	3.942	43	70295	92.391	ug/l	95
17) Carbon Disulfide	4.180	76	38042	16.012	ug/l	100
18) Methyl Acetate	4.472	43	44613	16.001	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	109130	19.011	ug/l	98
20) Methylene Chloride	4.704	84	55187	28.385	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	28843	18.941	ug/l	95
22) Diisopropyl ether	6.112	45	113417	18.990	ug/l	93
23) Vinyl Acetate	6.051	43	310803	87.211	ug/l	95
24) 1,1-Dichloroethane	6.009	63	62906	19.454	ug/l	97
25) 2-Butanone	6.978	43	92345	85.721	ug/l	94
26) 2,2-Dichloropropane	6.972	77	61873	19.849	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	41119	19.767	ug/l	95
28) Bromochloromethane	7.332	49	29793	20.055	ug/l	90
29) Tetrahydrofuran	7.344	42	51262	79.581	ug/l	91
30) Chloroform	7.496	83	72950	20.125	ug/l	99
31) Cyclohexane	7.777	56	42812	18.997	ug/l #	83
32) 1,1,1-Trichloroethane	7.698	97	61773	20.027	ug/l	99
36) 1,1-Dichloropropene	7.911	75	44180	19.643	ug/l	99
37) Ethyl Acetate	7.070	43	33902	16.171	ug/l #	97
38) Carbon Tetrachloride	7.893	117	53761	20.197	ug/l	91
39) Methylcyclohexane	9.179	83	47976	19.028	ug/l	93
40) Benzene	8.155	78	132727	19.519	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	48789	45.131	ug/l #	30
42) 1,2-Dichloroethane	8.234	62	48017	19.443	ug/l	97
43) Isopropyl Acetate	8.271	43	66134	17.322	ug/l	97
44) Trichloroethene	8.935	130	39435	20.130	ug/l	98
45) 1,2-Dichloropropane	9.216	63	37376	19.492	ug/l	98
46) Dibromomethane	9.301	93	23664	19.567	ug/l	96
47) Bromodichloromethane	9.496	83	57562	19.946	ug/l	98
48) Methyl methacrylate	9.289	41	29286	17.932	ug/l	96
49) 1,4-Dioxane	9.289	88	8120	335.768	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	187366	84.679	ug/l	94
52) Toluene	10.240	92	89575	19.986	ug/l	93
53) t-1,3-Dichloropropene	10.465	75	57211	18.864	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	61041	19.110	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	34872	18.964	ug/l	97
56) Ethyl methacrylate	10.508	69	48155	17.894	ug/l	91
57) 1,3-Dichloropropane	10.788	76	57349	19.089	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	118084	94.286	ug/l	93
59) 2-Hexanone	10.831	43	140968	86.082	ug/l	94
60) Dibromochloromethane	10.983	129	42914	19.564	ug/l	99
61) 1,2-Dibromoethane	11.087	107	32622	18.674	ug/l	96
64) Tetrachloroethene	10.715	164	43494	21.859	ug/l	97
65) Chlorobenzene	11.514	112	104818	20.143	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	42602	20.177	ug/l	99
67) Ethyl Benzene	11.593	91	179184	19.653	ug/l	98
68) m/p-Xylenes	11.703	106	137904	39.825	ug/l	95
69) o-Xylene	12.026	106	67097	19.451	ug/l	99
70) Styrene	12.044	104	117969	19.759	ug/l	98
71) Bromoform	12.209	173	27760	18.137	ug/l #	97
73) Isopropylbenzene	12.325	105	188844	20.026	ug/l	100
74) N-amyl acetate	12.142	43	58054	17.051	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	42497	17.303	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	56398	31.654	ug/l #	100
77) Bromobenzene	12.605	156	45891	19.965	ug/l	98
78) n-propylbenzene	12.672	91	221107	19.745	ug/l	99
79) 2-Chlorotoluene	12.751	91	127903	19.799	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	156611	19.923	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	13798	17.010	ug/l	100
82) 4-Chlorotoluene	12.855	91	132914	19.915	ug/l	98
83) tert-Butylbenzene	13.075	119	144234	20.060	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	157869	20.098	ug/l	99
85) sec-Butylbenzene	13.251	105	211861	20.111	ug/l	99
86) p-Isopropyltoluene	13.367	119	179676	20.571	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	91742	20.122	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	93310	20.405	ug/l	98
89) n-Butylbenzene	13.696	91	167215	20.305	ug/l	97
90) Hexachloroethane	13.959	117	33833	19.526	ug/l	90
91) 1,2-Dichlorobenzene	13.739	146	85787	20.142	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8382	17.618	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	55441	20.276	ug/l	99
94) Hexachlorobutadiene	15.111	225	31640	21.273	ug/l	97
95) Naphthalene	15.233	128	122071	17.921	ug/l	98
96) 1,2,3-Trichlorobenzene	15.422	180	49281	19.957	ug/l	97

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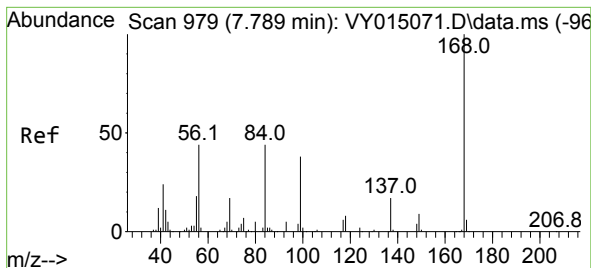
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.783 min Scan# 91

Delta R.T. -0.000 min

Lab File: VY015213.D

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Instrument :

MSVOA_Y

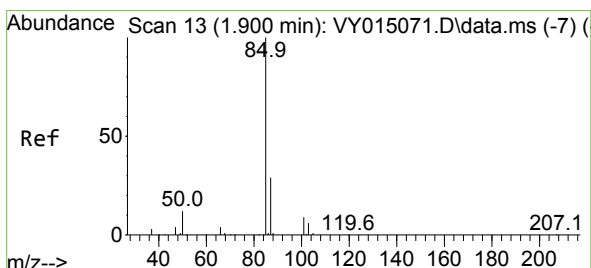
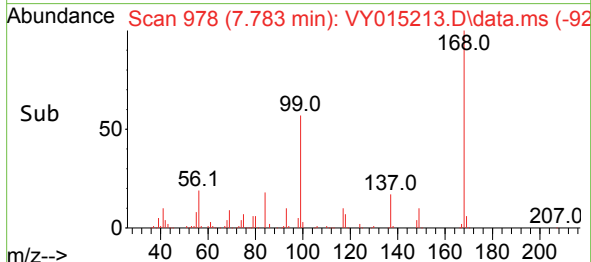
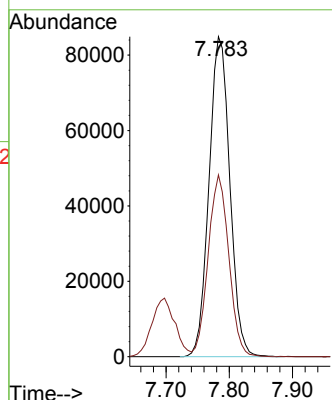
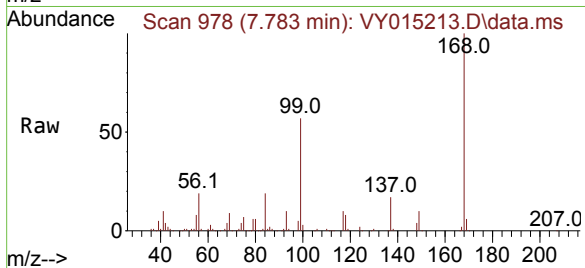
ClientSampleId :

Tgt Ion:168 Resp: 194016

Ion Ratio Lower Upper

168 100

99 56.7 43.4 65.0



#2

Dichlorodifluoromethane

Concen: 20.561 ug/l

RT: 1.900 min Scan# 13

Delta R.T. -0.000 min

Lab File: VY015213.D

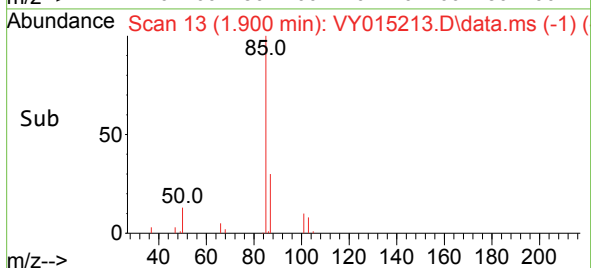
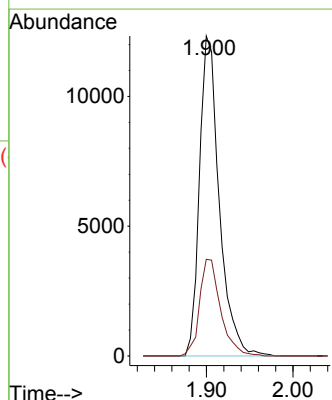
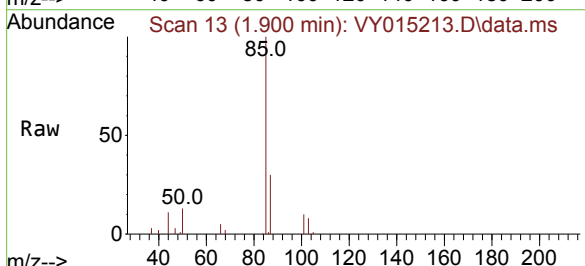
Acq: 21 Aug 2023 12:15

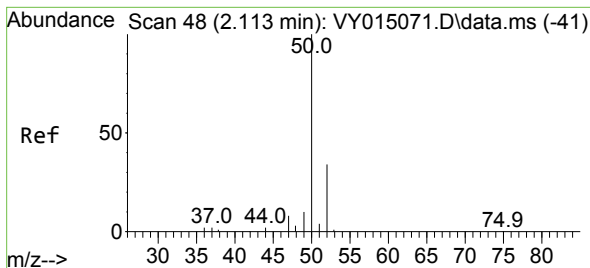
Tgt Ion: 85 Resp: 19543

Ion Ratio Lower Upper

85 100

87 30.2 15.6 46.8





#3

Chloromethane

Concen: 17.291 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

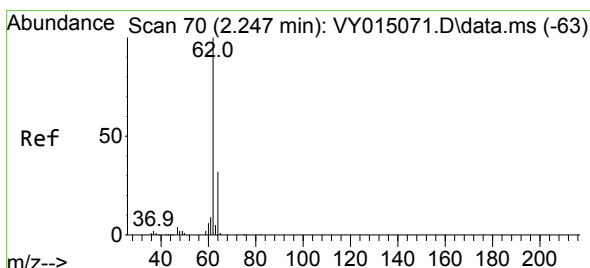
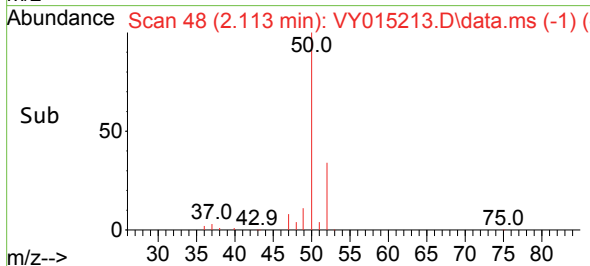
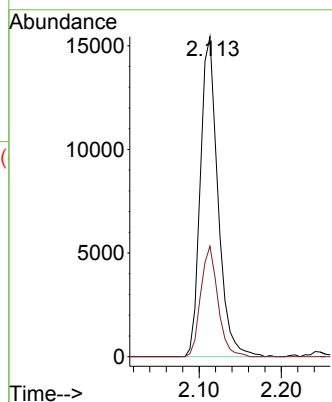
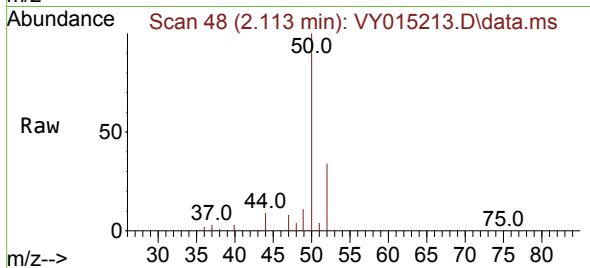
ClientSampleId :

Tgt Ion: 50 Resp: 22929

Ion Ratio Lower Upper

50 100

52 34.5 25.4 38.2



#4

Vinyl Chloride

Concen: 18.826 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015213.D

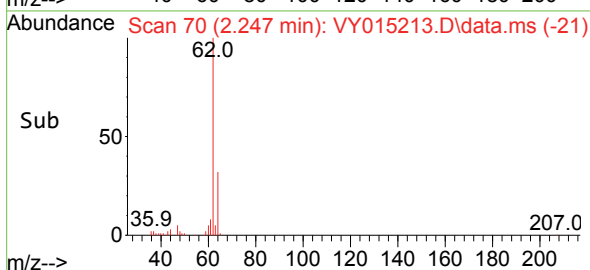
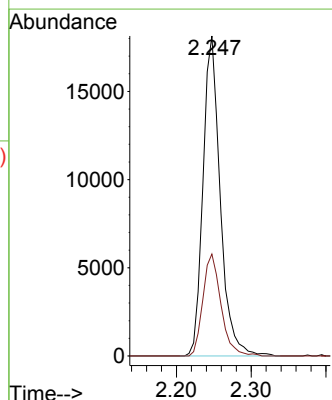
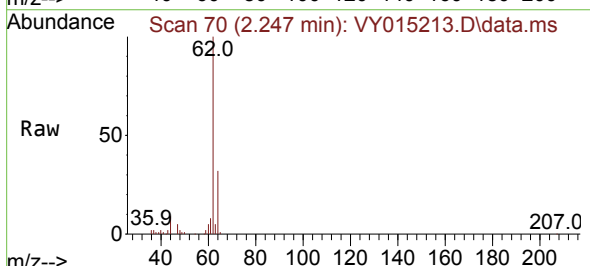
Acq: 21 Aug 2023 12:15

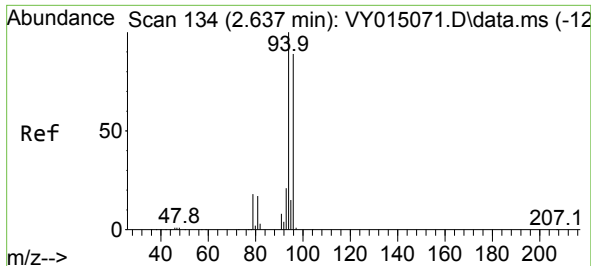
Tgt Ion: 62 Resp: 29064

Ion Ratio Lower Upper

62 100

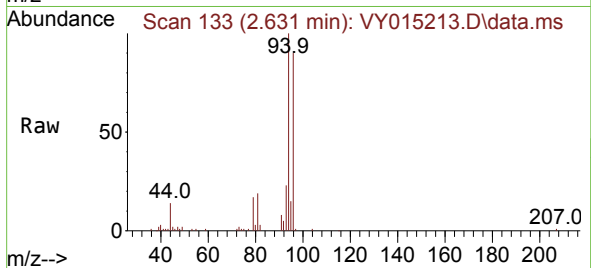
64 31.8 24.3 36.5



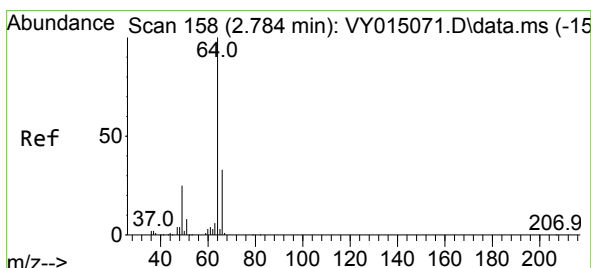
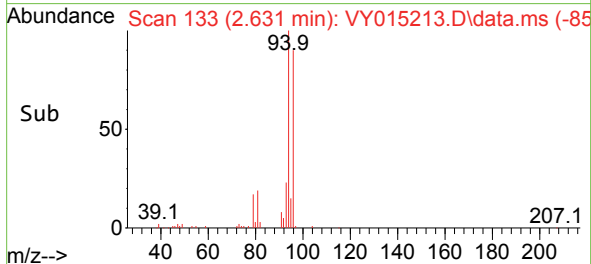
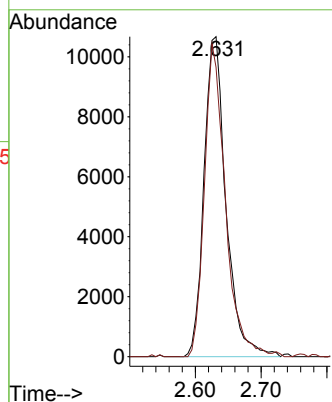


#5
Bromomethane
Concen: 20.805 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015213.D
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Instrument :
MSVOA_Y
ClientSampleId :

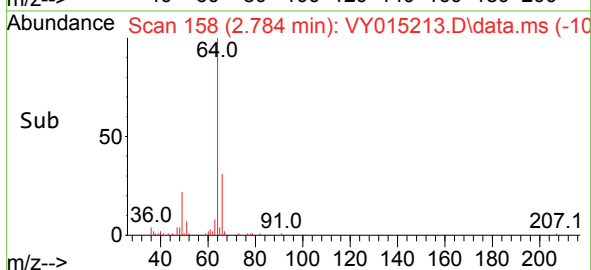
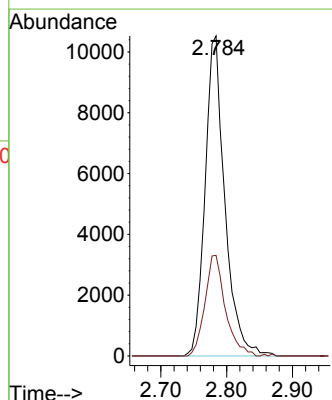
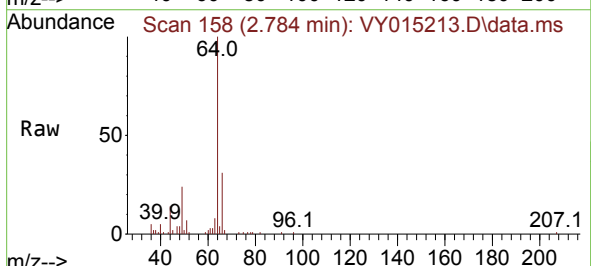


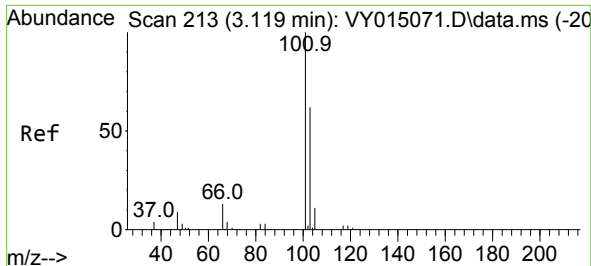
Tgt Ion: 94 Resp: 24773
Ion Ratio Lower Upper
94 100
96 90.5 75.8 113.6



#6
Chloroethane
Concen: 19.570 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

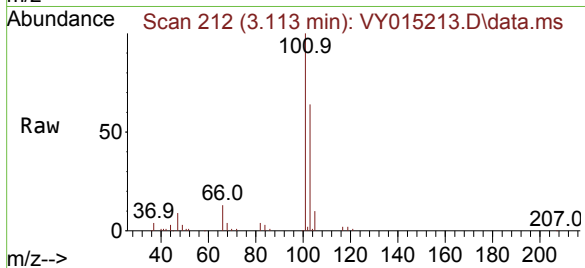
Tgt Ion: 64 Resp: 21936
Ion Ratio Lower Upper
64 100
66 31.4 24.4 36.6



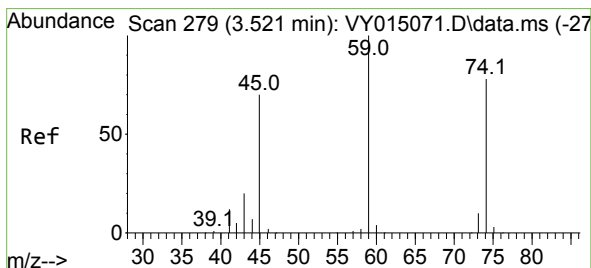
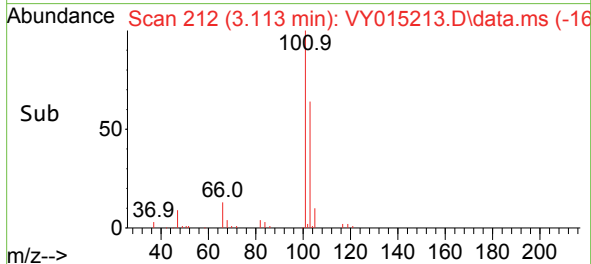
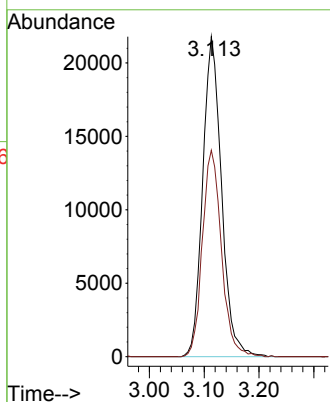


#7
Trichlorofluoromethane
Concen: 19.965 ug/l
RT: 3.113 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Instrument :
MSVOA_Y
ClientSampleId :

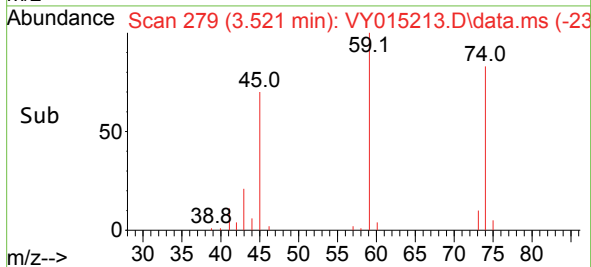
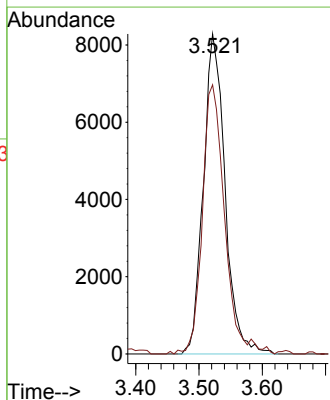
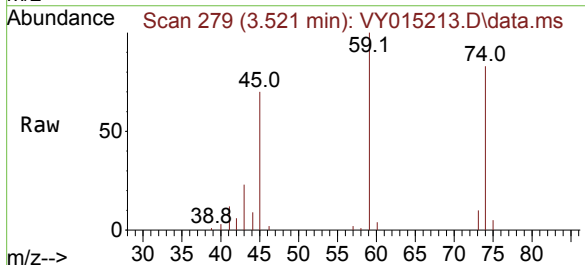


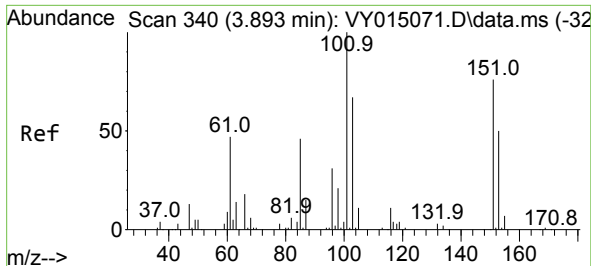
Tgt Ion:101 Resp: 51936
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0



#8
Diethyl Ether
Concen: 19.339 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 74 Resp: 19730
Ion Ratio Lower Upper
74 100
45 86.4 51.5 154.5

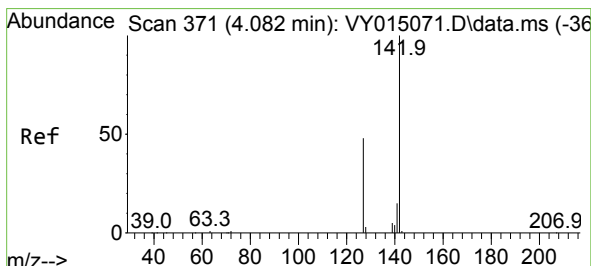
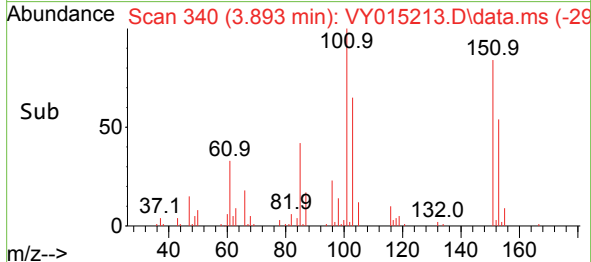
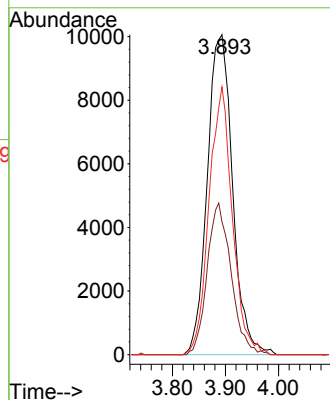
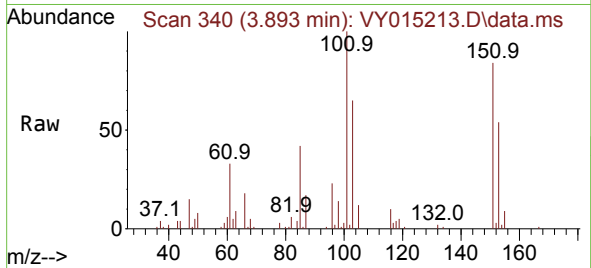




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.647 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

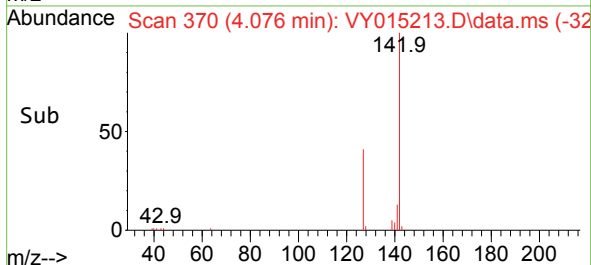
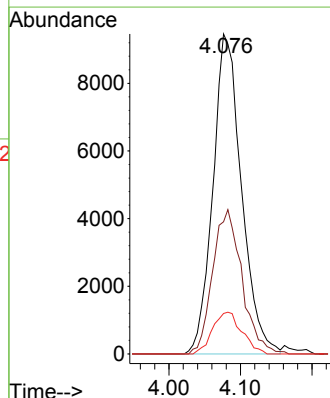
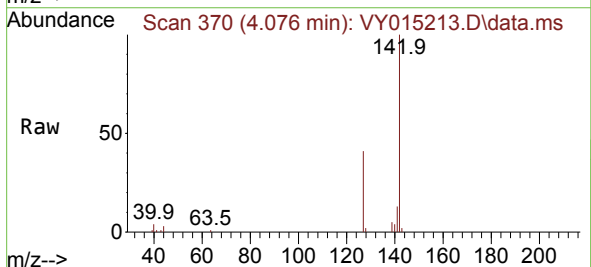
Instrument :
MSVOA_Y
ClientSampleId :

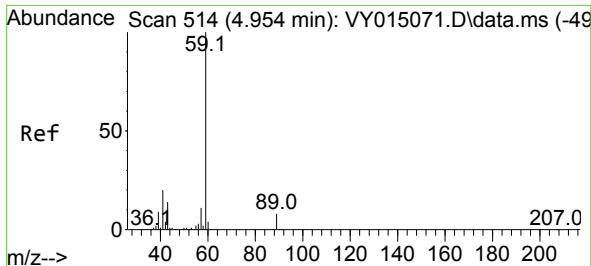
Tgt Ion:101 Resp: 33381
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 77.1 67.0 100.6



#10
Methyl Iodide
Concen: 16.528 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion:142 Resp: 26239
Ion Ratio Lower Upper
142 100
127 46.2 37.6 56.4
141 13.4 11.8 17.8

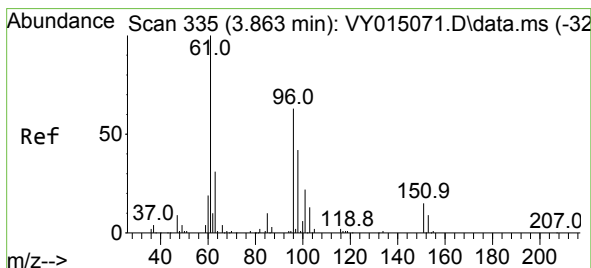
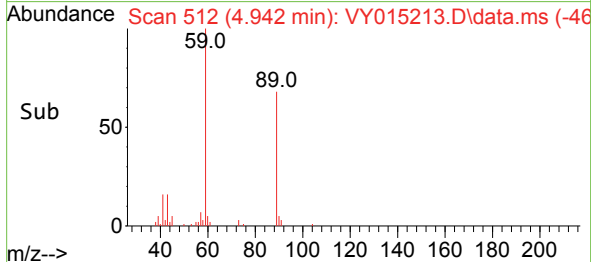
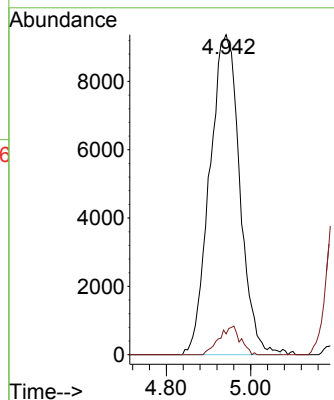
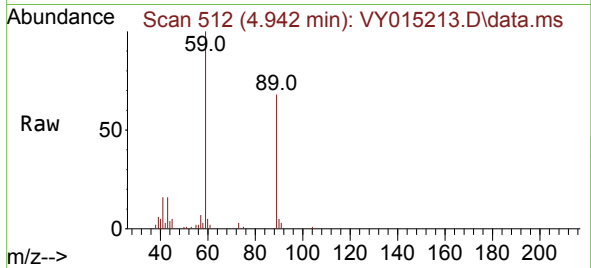




#11
Tert butyl alcohol
Concen: 112.024 ug/l
RT: 4.942 min Scan# 514
Delta R.T. -0.006 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

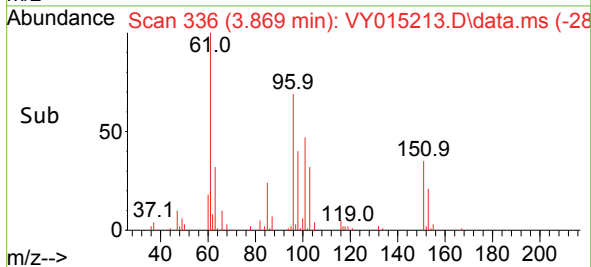
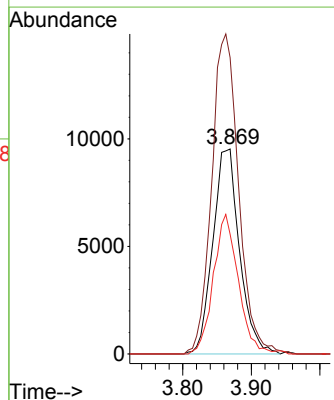
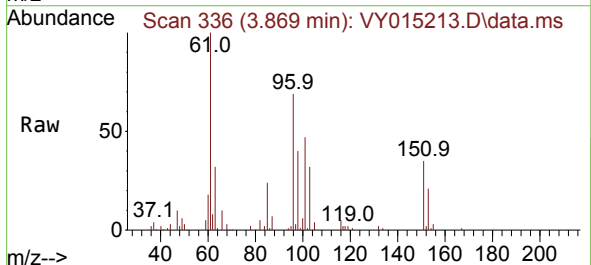
Instrument :
MSVOA_Y
ClientSampleId :

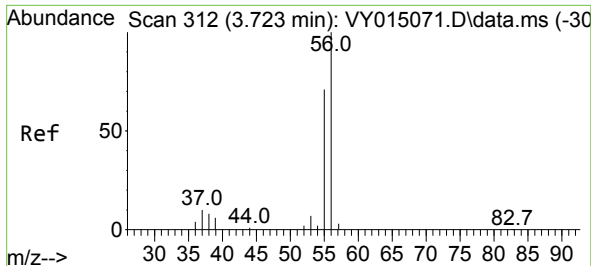
Tgt Ion: 59 Resp: 46383
Ion Ratio Lower Upper
59 100
57 6.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.082 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 96 Resp: 25761
Ion Ratio Lower Upper
96 100
61 144.6 136.4 204.6
98 58.3 49.4 74.2

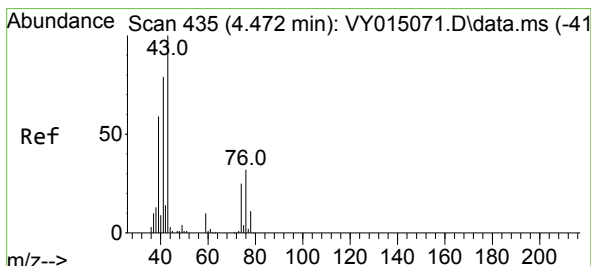
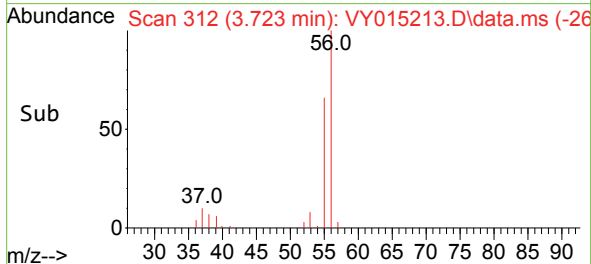
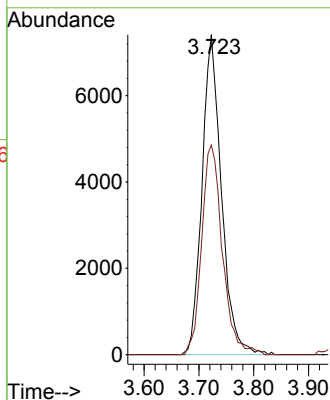
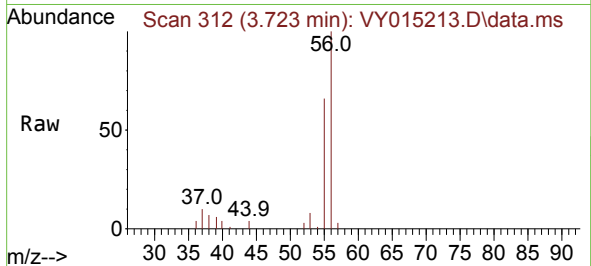




#13
Acrolein
Concen: 87.157 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

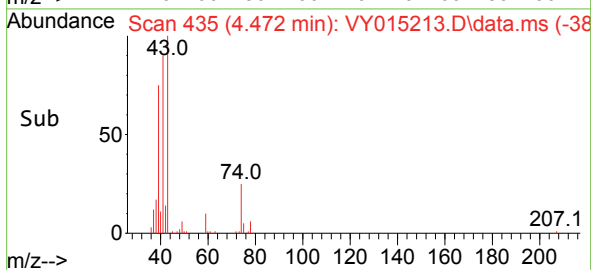
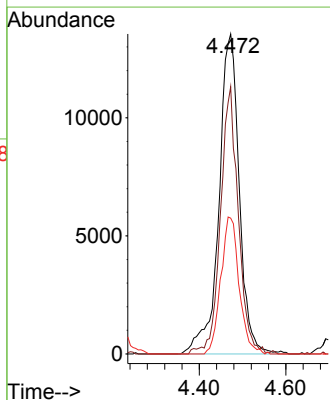
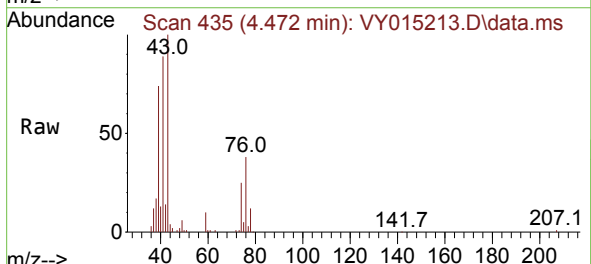
Instrument :
MSVOA_Y
ClientSampleId :

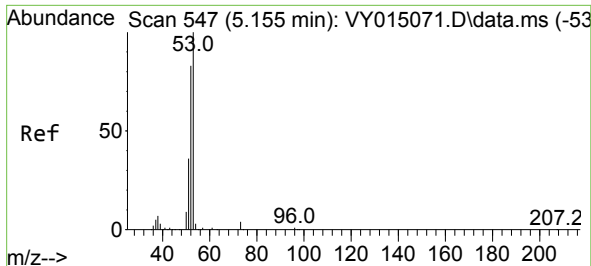
Tgt Ion: 56 Resp: 18233
Ion Ratio Lower Upper
56 100
55 69.7 57.0 85.4



#14
Allyl chloride
Concen: 18.507 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

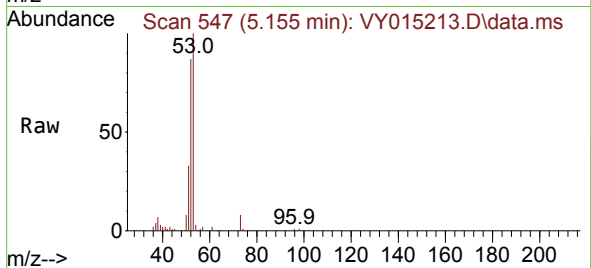
Tgt Ion: 41 Resp: 44297
Ion Ratio Lower Upper
41 100
39 73.1 58.0 87.0
76 38.6 27.4 41.2





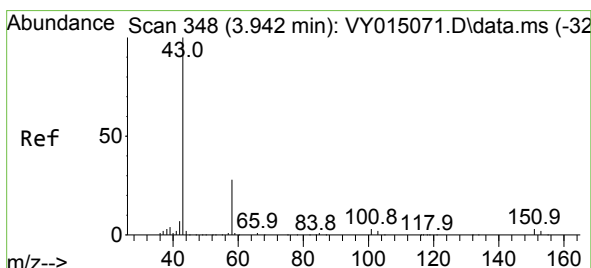
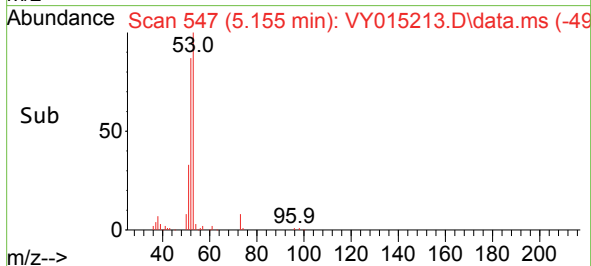
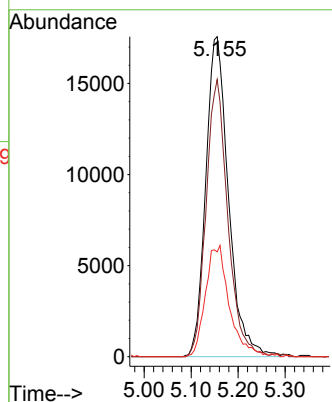
#15
Acrylonitrile
Concen: 85.382 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 53 Resp: 59033

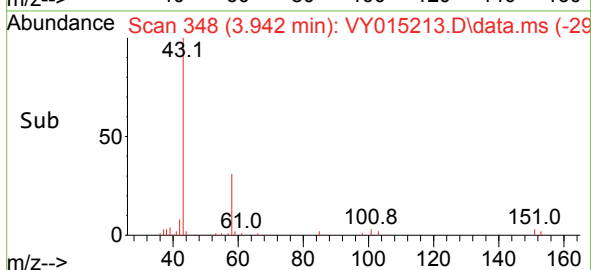
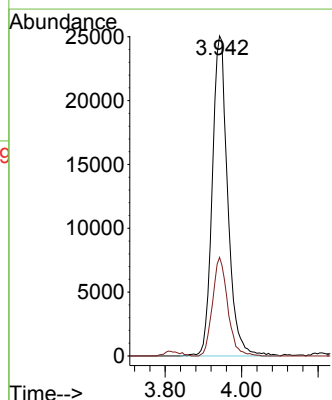
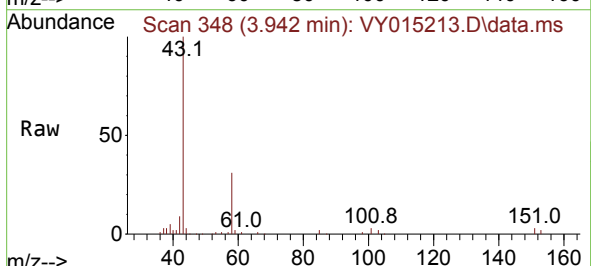
Ion	Ratio	Lower	Upper
53	100		
52	82.4	66.9	100.3
51	36.4	29.8	44.6

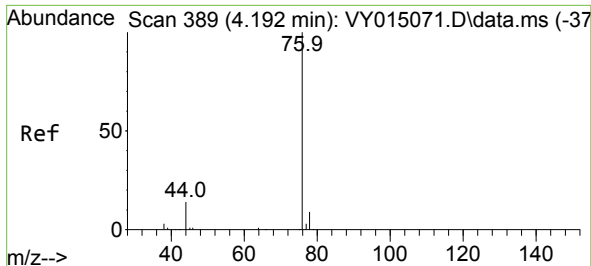


#16
Acetone
Concen: 92.391 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 43 Resp: 70295

Ion	Ratio	Lower	Upper
43	100		
58	30.8	22.7	34.1

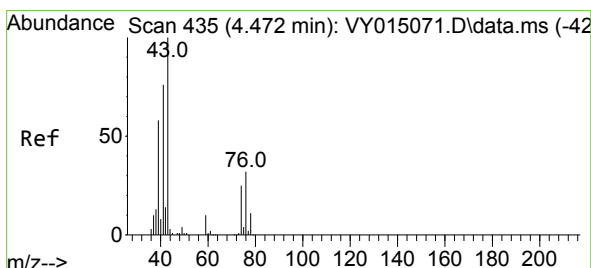
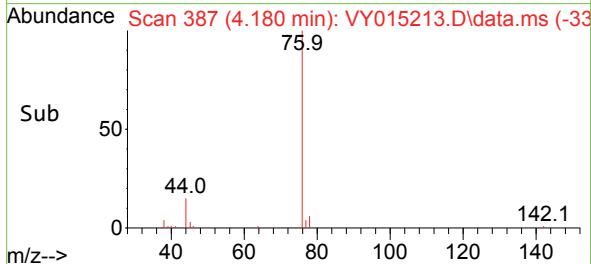
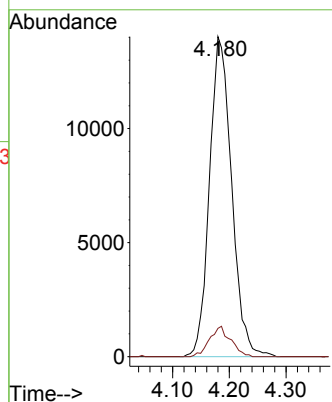
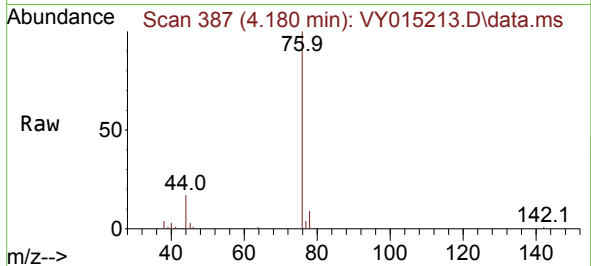




#17
Carbon Disulfide
Concen: 16.012 ug/l
RT: 4.180 min Scan# 389
Delta R.T. -0.006 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

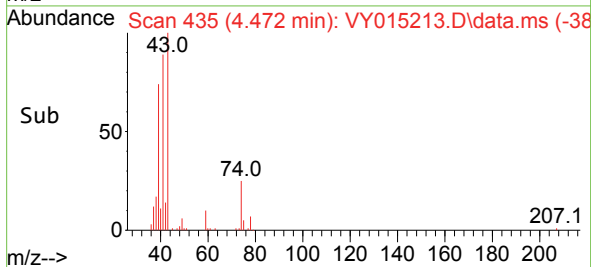
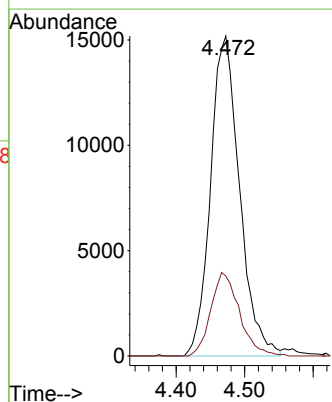
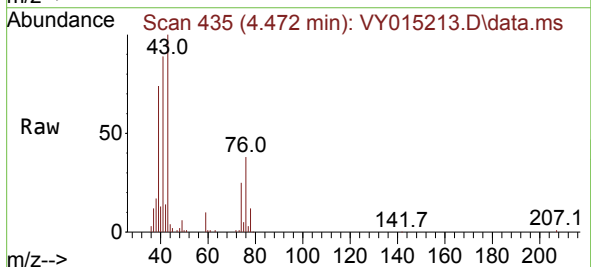
Instrument :
MSVOA_Y
ClientSampleId :

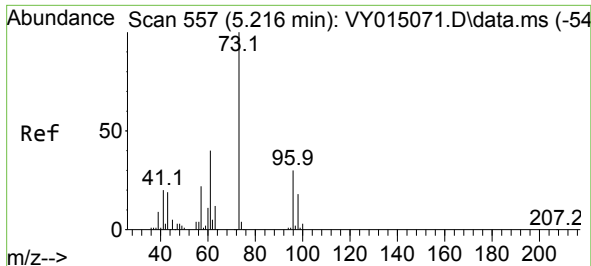
Tgt Ion: 76 Resp: 38042
Ion Ratio Lower Upper
76 100
78 8.8 7.0 10.4



#18
Methyl Acetate
Concen: 16.001 ug/l
RT: 4.472 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 43 Resp: 44613
Ion Ratio Lower Upper
43 100
74 25.8 17.4 26.0

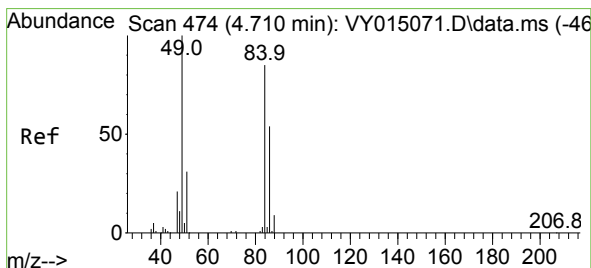
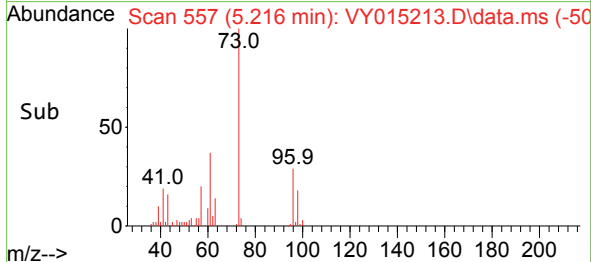
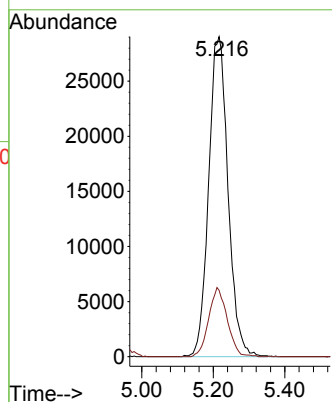
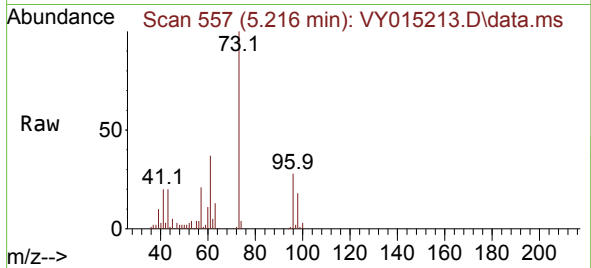




#19
Methyl tert-butyl Ether
Concen: 19.011 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

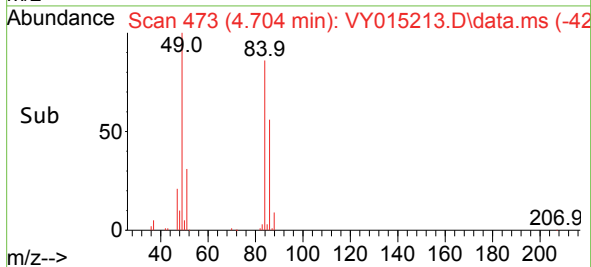
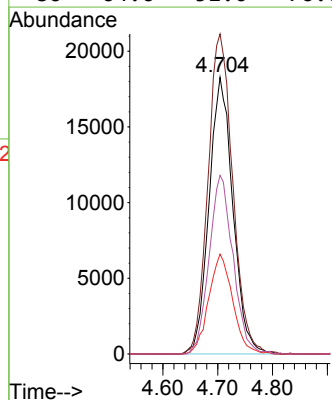
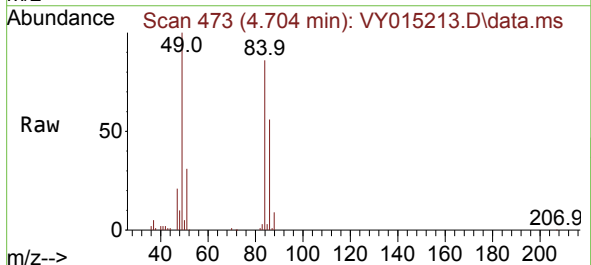
Instrument :
MSVOA_Y
ClientSampleId :

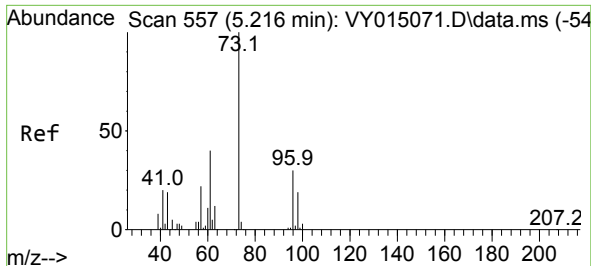
Tgt Ion: 73 Resp: 109130
Ion Ratio Lower Upper
73 100
57 20.7 17.3 25.9



#20
Methylene Chloride
Concen: 28.385 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

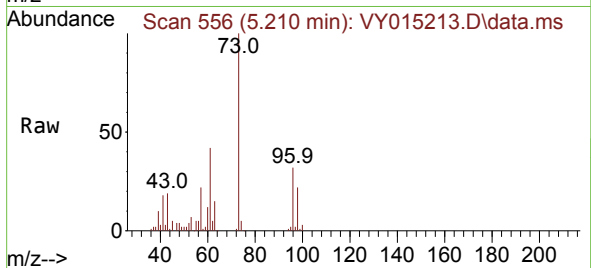
Tgt Ion: 84 Resp: 55187
Ion Ratio Lower Upper
84 100
49 115.7 106.9 160.3
51 36.1 33.2 49.8
86 64.6 51.0 76.6



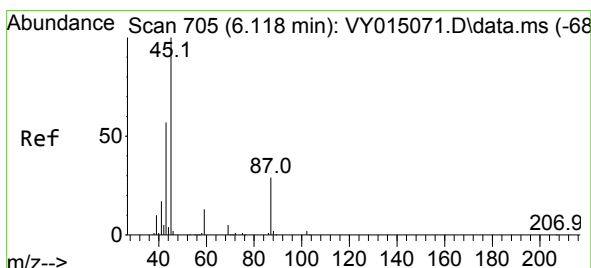
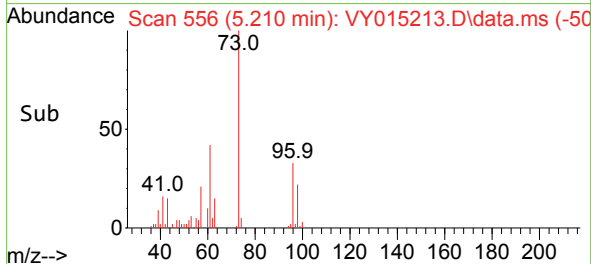
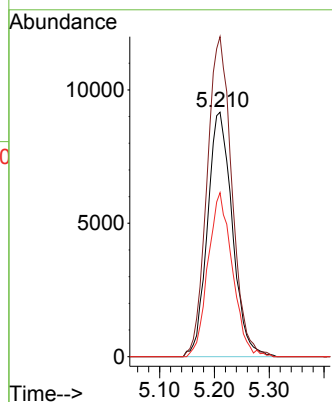


#21
trans-1,2-Dichloroethene
Concen: 18.941 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Instrument :
MSVOA_Y
ClientSampleId :

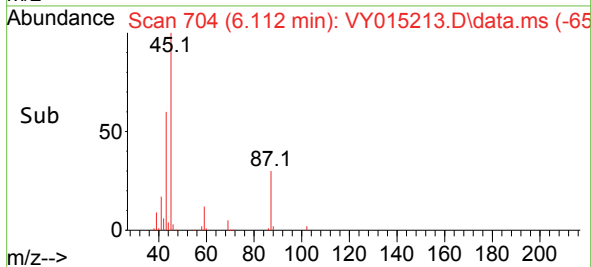
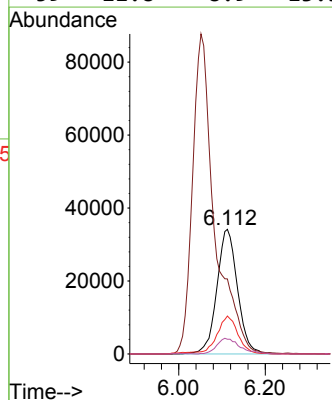
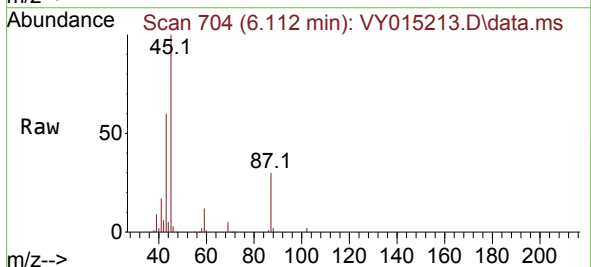


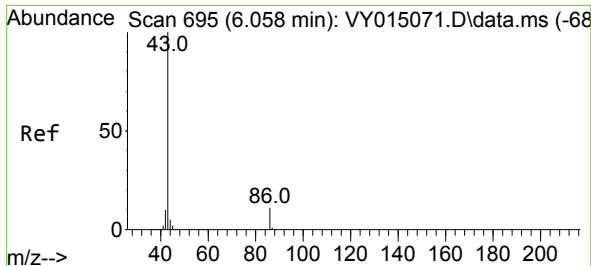
Tgt Ion: 96 Resp: 28843
Ion Ratio Lower Upper
96 100
61 130.9 110.2 165.4
98 67.1 51.8 77.6



#22
Diisopropyl ether
Concen: 18.990 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 45 Resp: 113417
Ion Ratio Lower Upper
45 100
43 59.7 52.2 78.4
87 30.4 21.0 31.6
59 11.8 8.9 13.3

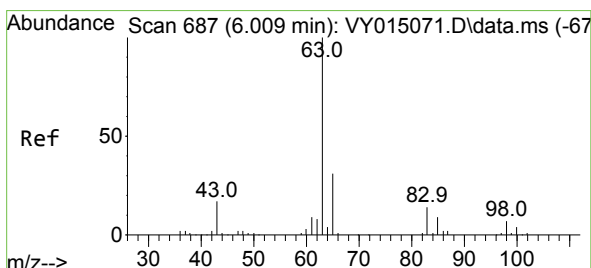
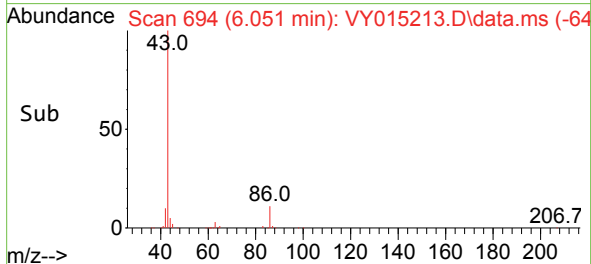
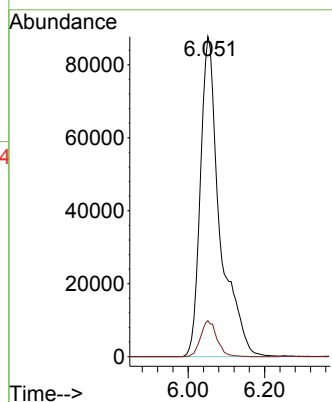
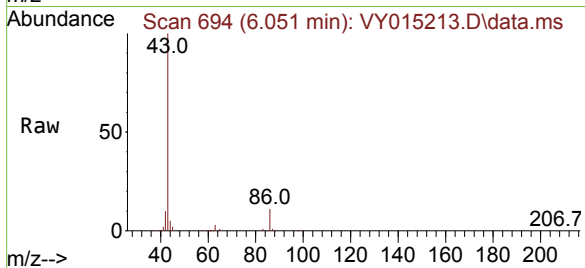




#23
 Vinyl Acetate
 Concen: 87.211 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015213.D
 Acq: 21 Aug 2023 12:15

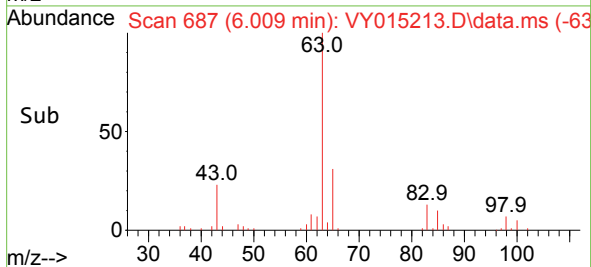
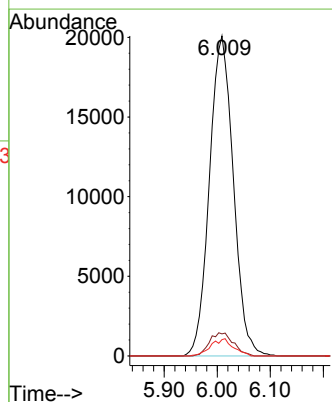
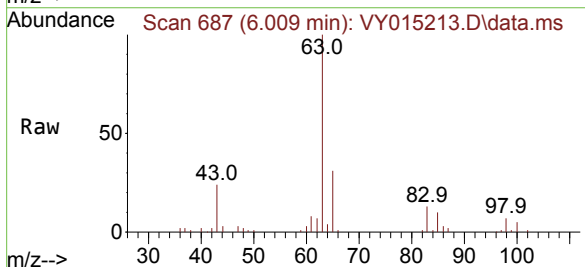
Instrument :
 MSVOA_Y
 ClientSampleId :

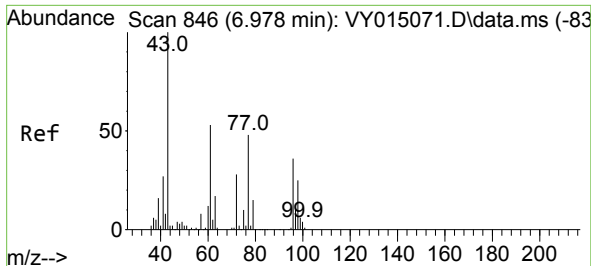
Tgt Ion: 43 Resp: 310803
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 19.454 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY015213.D
 Acq: 21 Aug 2023 12:15

Tgt Ion: 63 Resp: 62906
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.1 9.4
 100 5.1 1.8 5.5

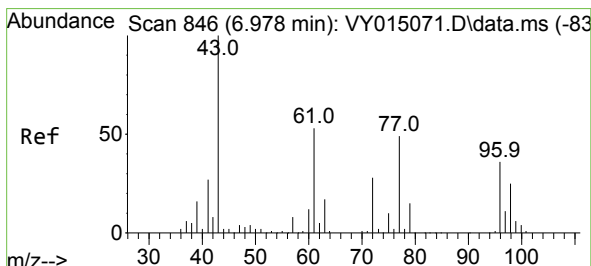
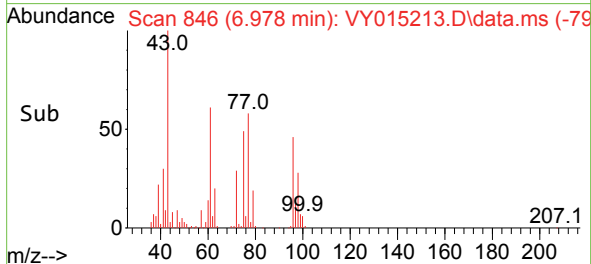
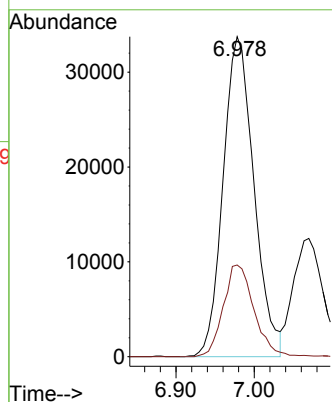
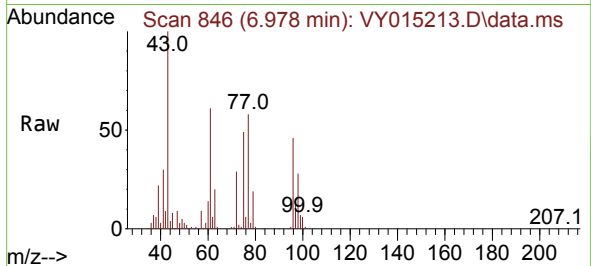




#25
2-Butanone
Concen: 85.721 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

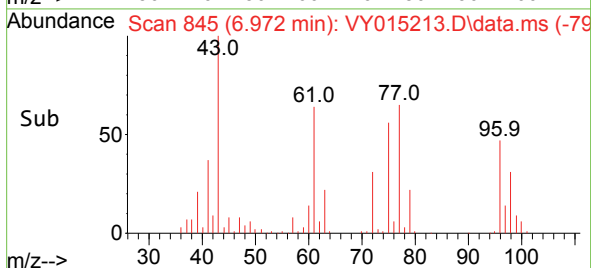
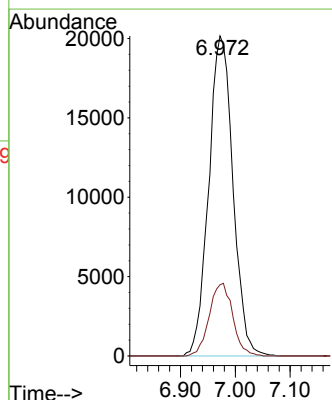
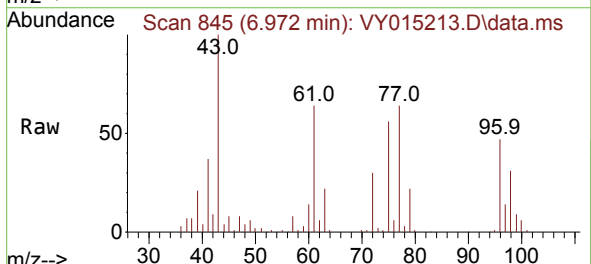
Instrument :
MSVOA_Y
ClientSampleId :

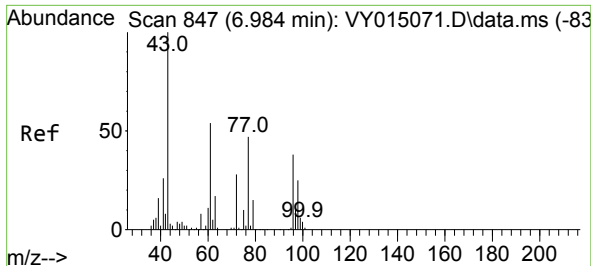
Tgt Ion: 43 Resp: 92345
Ion Ratio Lower Upper
43 100
72 28.6 20.5 30.7



#26
2,2-Dichloropropane
Concen: 19.849 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 77 Resp: 61873
Ion Ratio Lower Upper
77 100
97 21.9 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 19.767 ug/l

RT: 6.978 min Scan# 84

Delta R.T. 0.000 min

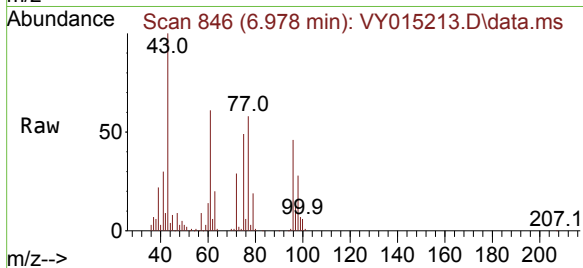
Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :



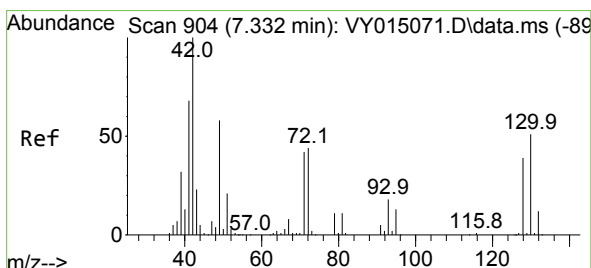
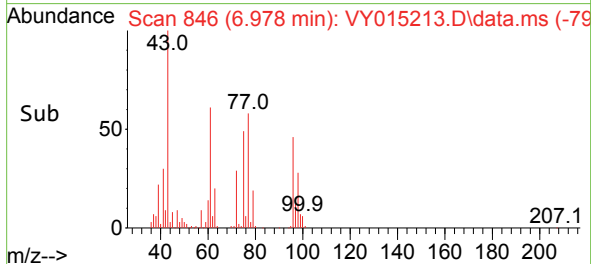
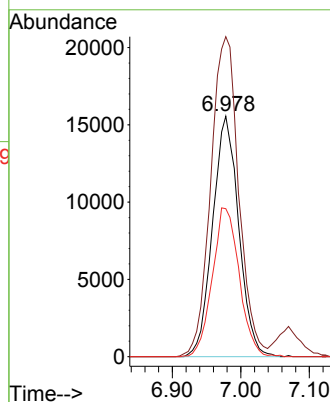
Tgt Ion: 96 Resp: 41119

Ion Ratio Lower Upper

96 100

61 143.1 0.0 301.4

98 63.9 0.0 130.4



#28

Bromochloromethane

Concen: 20.055 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

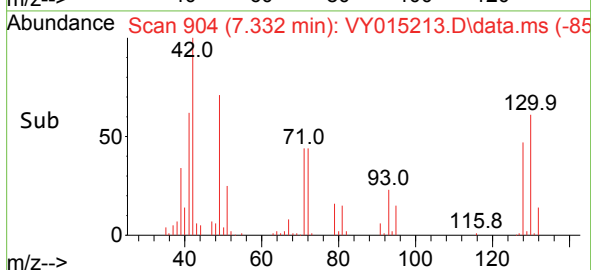
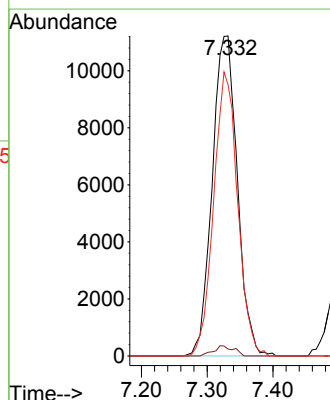
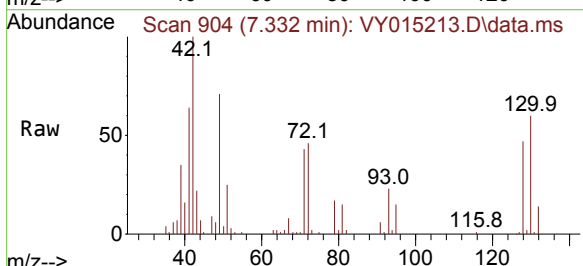
Tgt Ion: 49 Resp: 29793

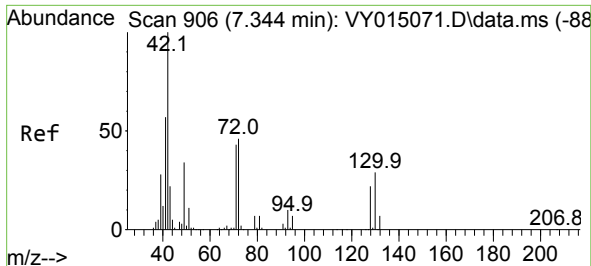
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.6

130 84.7 60.7 91.1





#29

Tetrahydrofuran

Concen: 79.581 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY015213.D

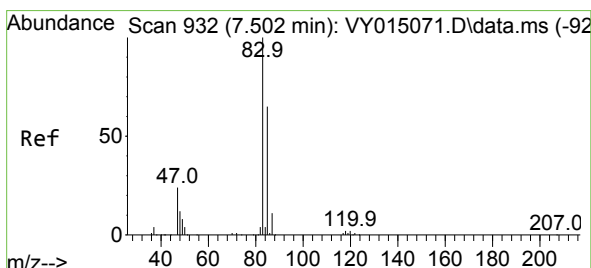
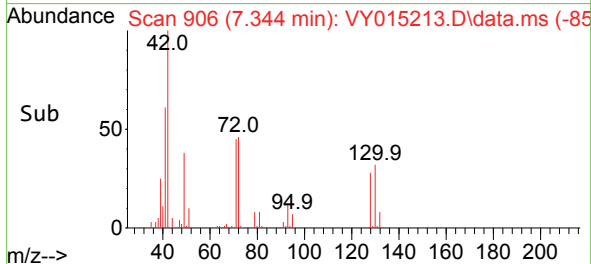
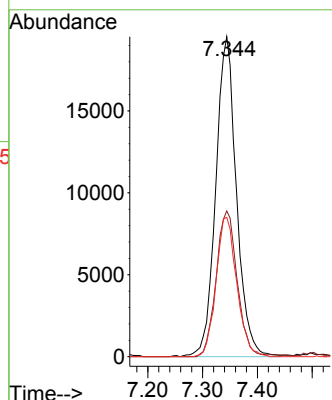
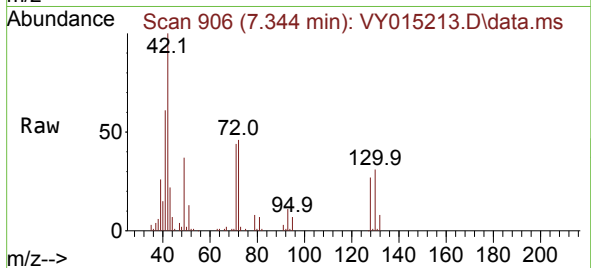
Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	42	Resp:	51262
Ion	Ratio	Lower	Upper
42	100		
72	46.7	32.8	49.2
71	43.6	31.0	46.4



#30

Chloroform

Concen: 20.125 ug/l

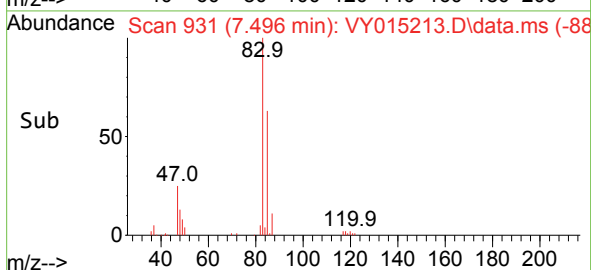
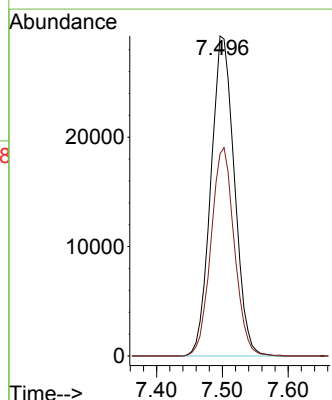
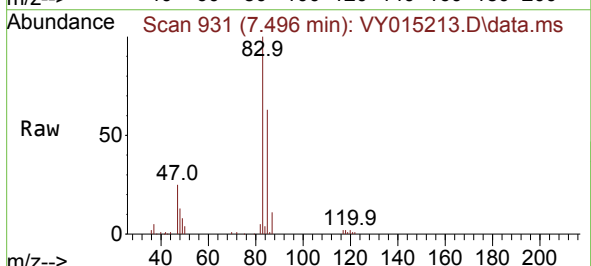
RT: 7.496 min Scan# 931

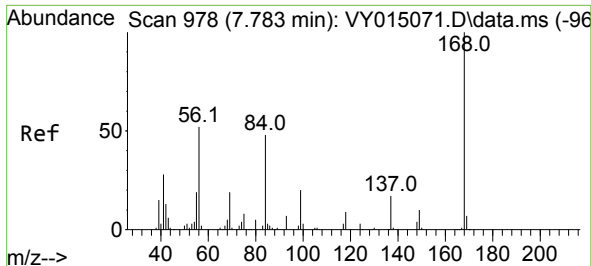
Delta R.T. -0.006 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

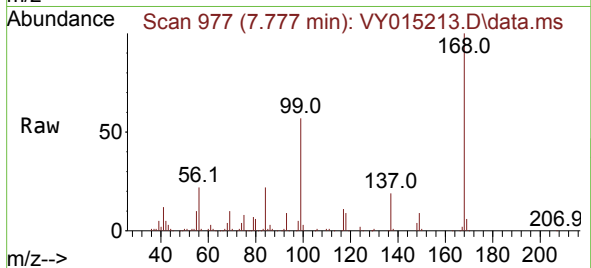
Tgt Ion:	83	Resp:	72950
Ion	Ratio	Lower	Upper
83	100		
85	63.2	49.7	74.5



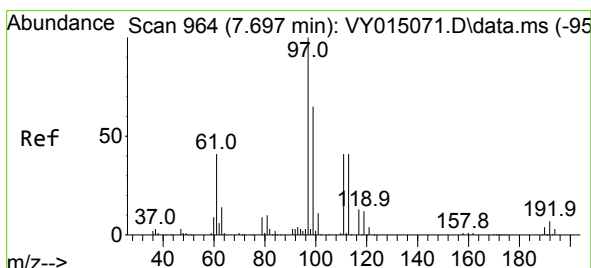
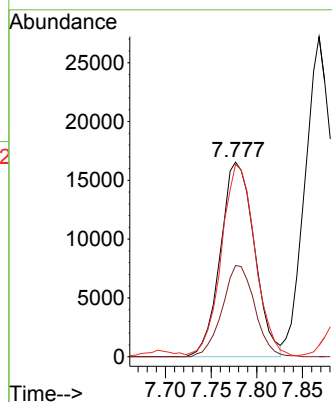
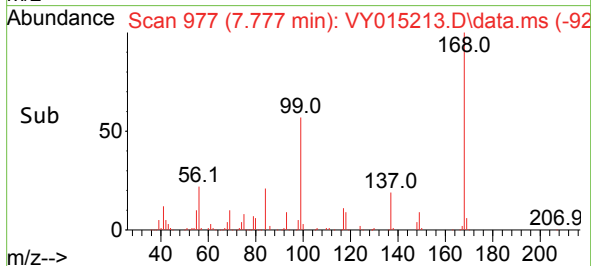


#31
Cyclohexane
Concen: 18.997 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Instrument :
MSVOA_Y
ClientSampleId :

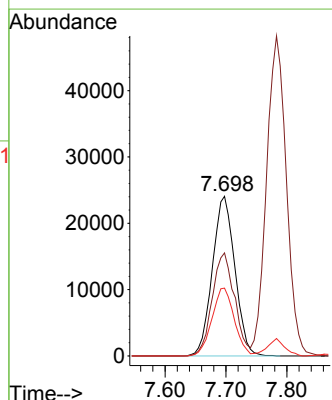
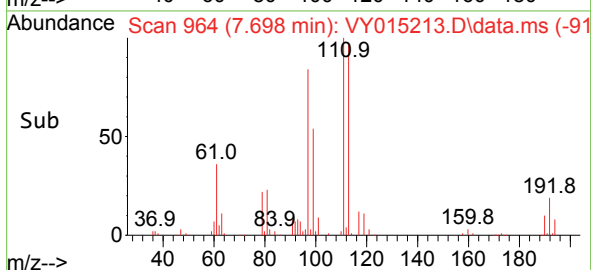
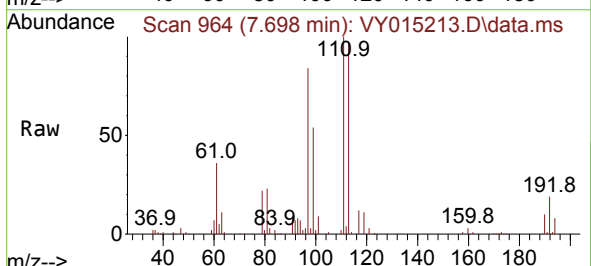


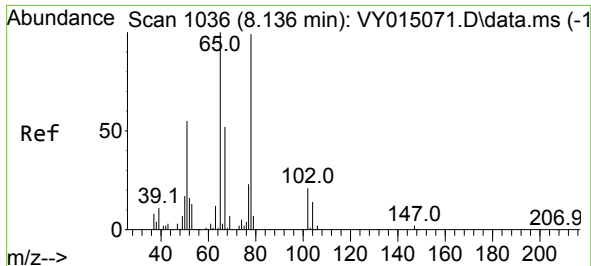
Tgt Ion: 56 Resp: 42812
Ion Ratio Lower Upper
56 100
69 46.9 27.8 41.6#
84 96.9 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.027 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 97 Resp: 61773
Ion Ratio Lower Upper
97 100
99 64.2 50.8 76.2
61 42.4 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 47.742 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

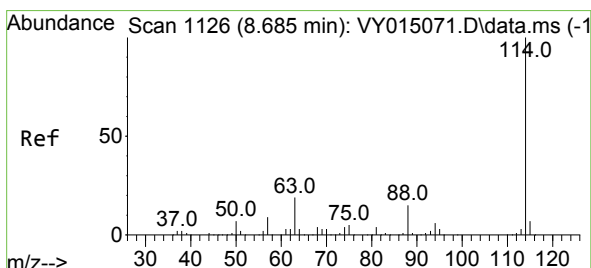
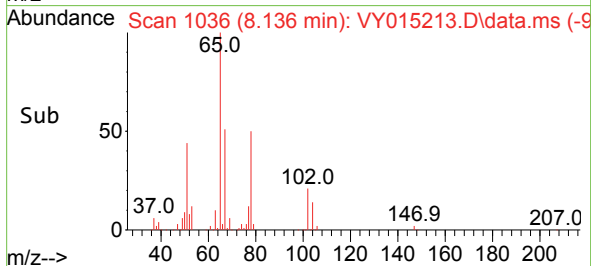
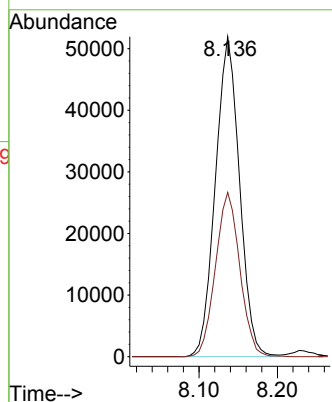
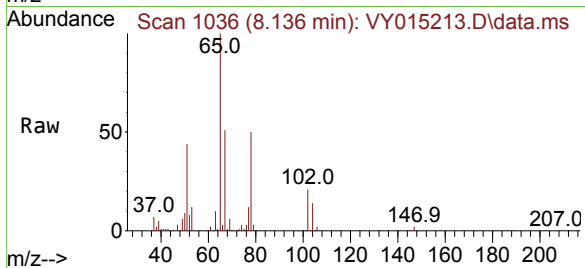
ClientSampleId :

Tgt Ion: 65 Resp: 111190

Ion Ratio Lower Upper

65 100

67 51.8 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: VY015213.D

Acq: 21 Aug 2023 12:15

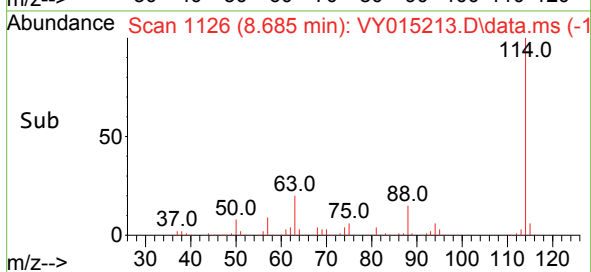
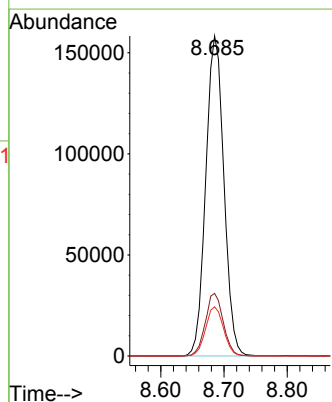
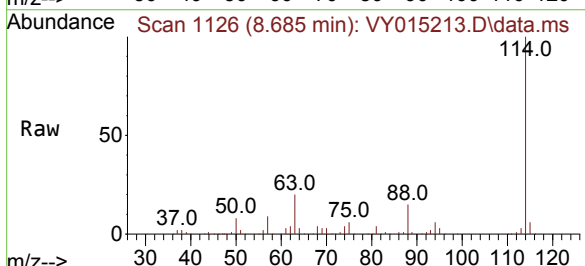
Tgt Ion: 114 Resp: 316011

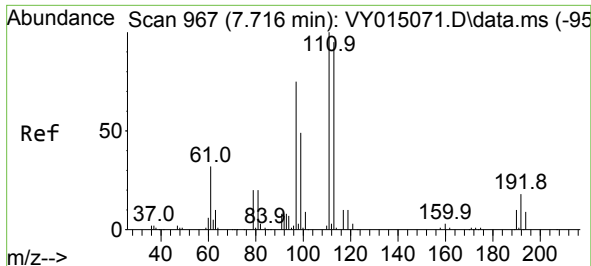
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

88 15.3 0.0 30.6

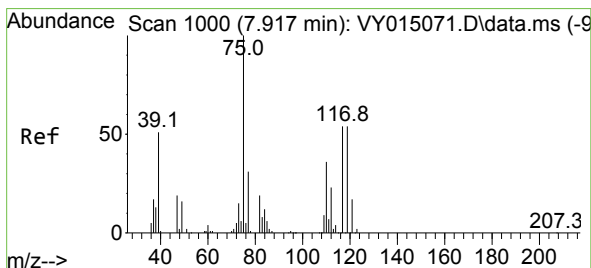
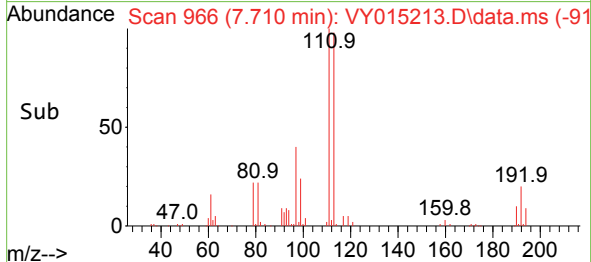
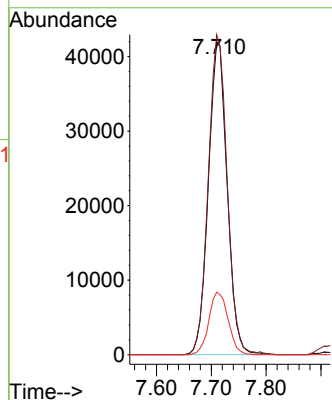
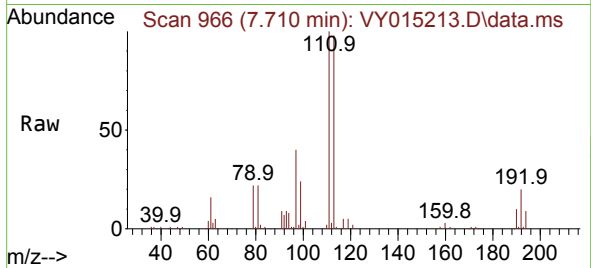




#35
Dibromofluoromethane
Concen: 49.031 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

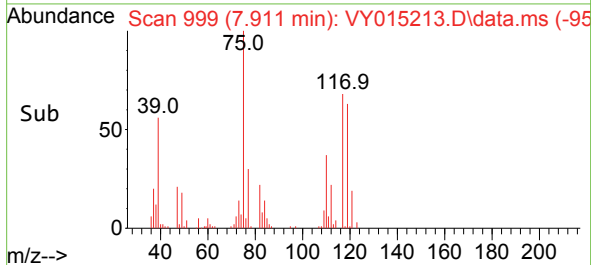
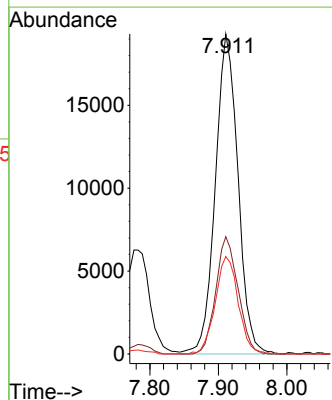
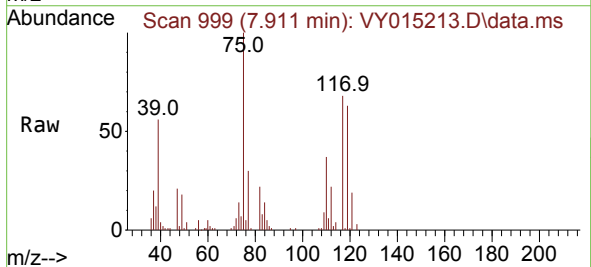
Instrument :
MSVOA_Y
ClientSampleId :

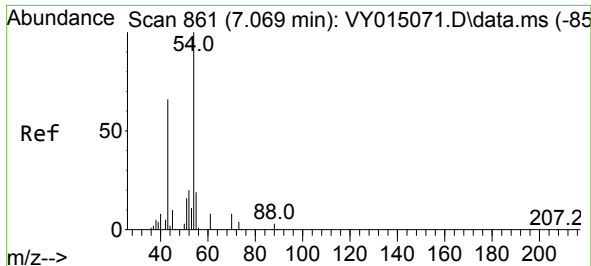
Tgt Ion:113 Resp: 99681
Ion Ratio Lower Upper
113 100
111 102.9 81.3 121.9
192 20.5 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.643 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 75 Resp: 44180
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 30.9 24.4 36.6

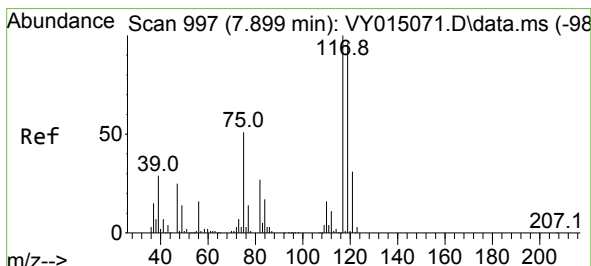
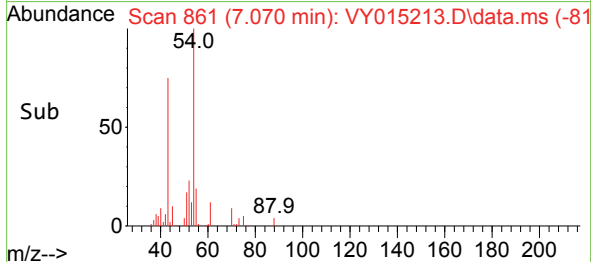
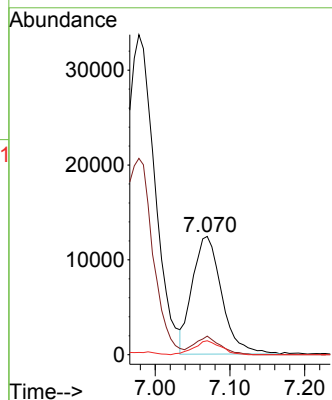
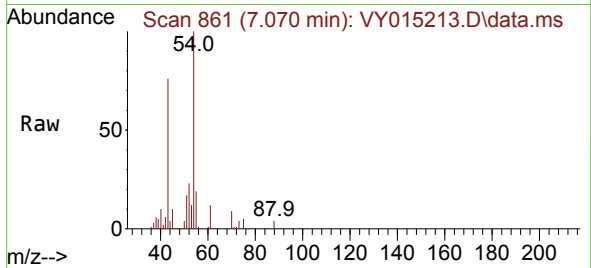




#37
Ethyl Acetate
Concen: 16.171 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

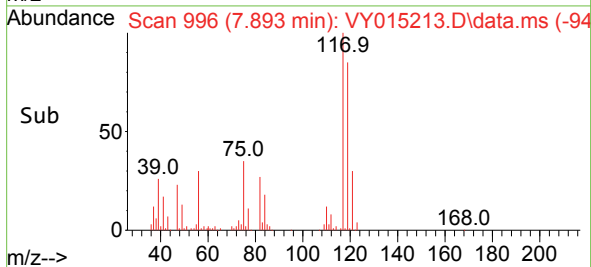
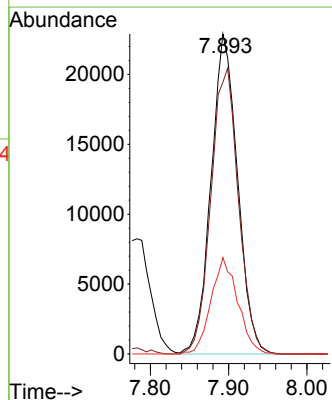
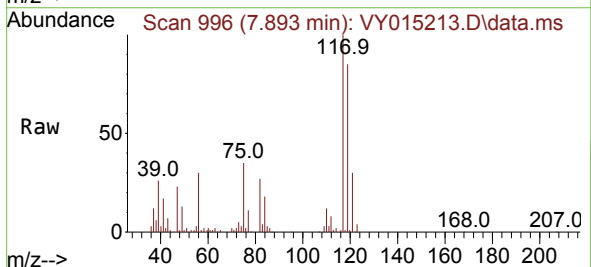
Instrument :
MSVOA_Y
ClientSampleId :

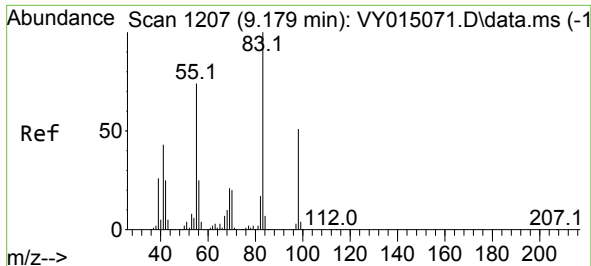
Tgt Ion: 43 Resp: 33902
Ion Ratio Lower Upper
43 100
61 13.4 10.1 15.1
70 10.7 7.1 10.7#



#38
Carbon Tetrachloride
Concen: 20.197 ug/l
RT: 7.893 min Scan# 996
Delta R.T. -0.006 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 117 Resp: 53761
Ion Ratio Lower Upper
117 100
119 85.0 76.4 114.6
121 30.1 25.8 38.6





#39

Methylcyclohexane

Concen: 19.028 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

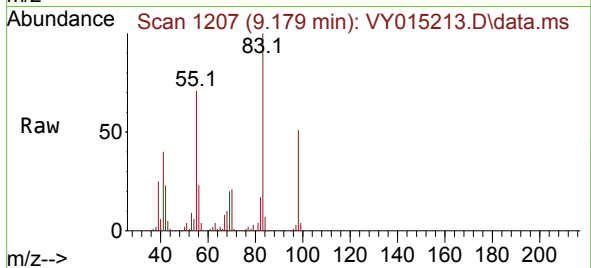
Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :



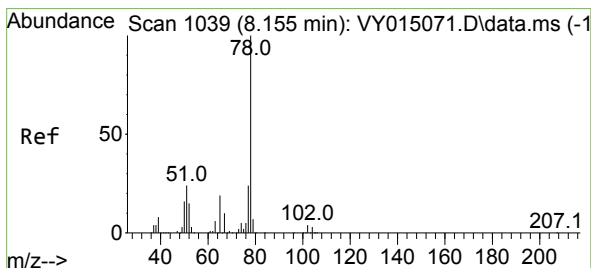
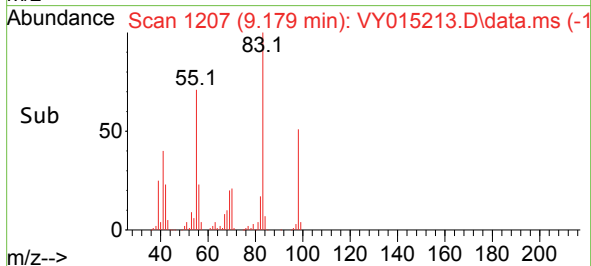
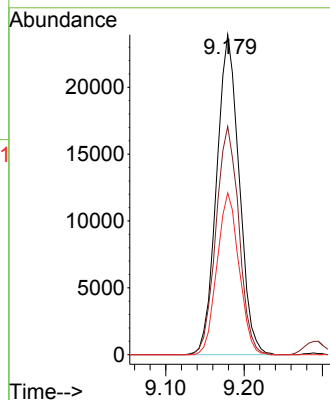
Tgt Ion: 83 Resp: 47976

Ion Ratio Lower Upper

83 100

55 71.3 63.0 94.4

98 50.5 37.4 56.2



#40

Benzene

Concen: 19.519 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015213.D

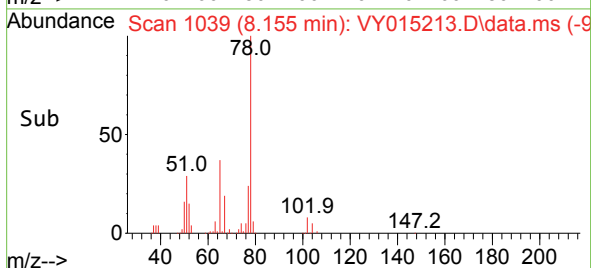
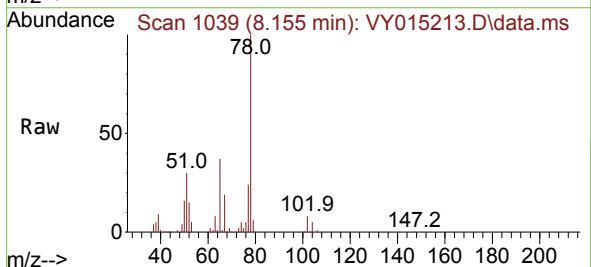
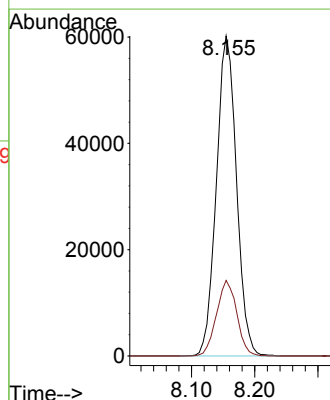
Acq: 21 Aug 2023 12:15

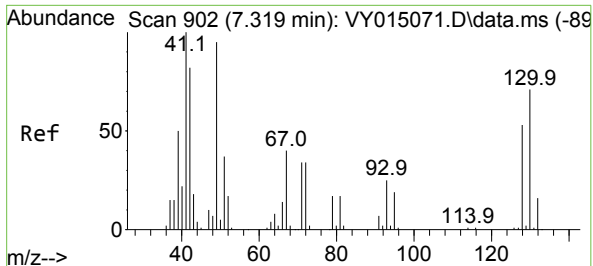
Tgt Ion: 78 Resp: 132727

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

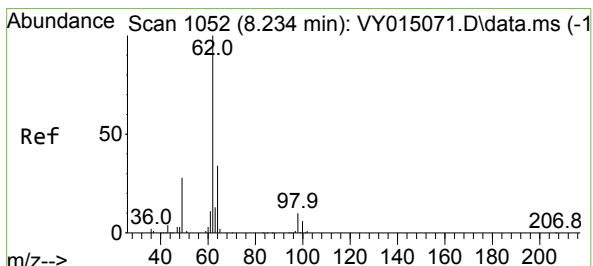
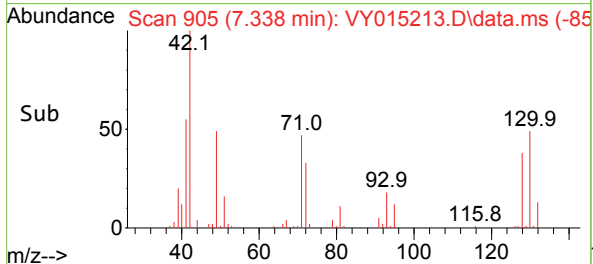
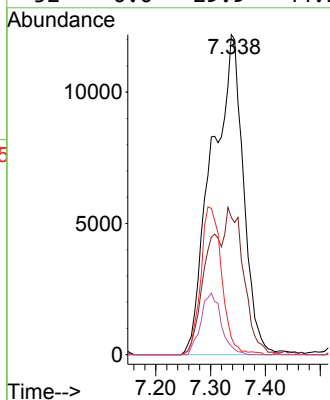
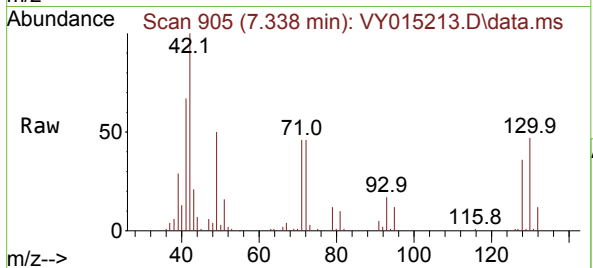




#41
Methacrylonitrile
Concen: 45.131 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.031 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

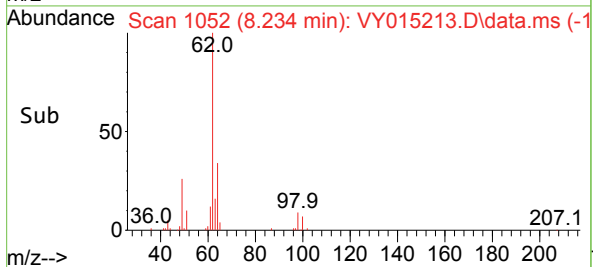
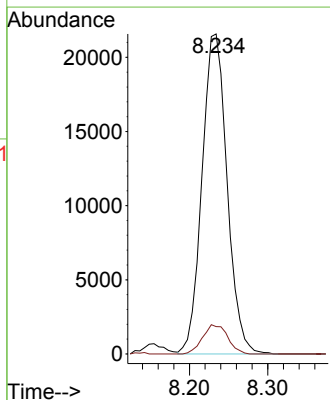
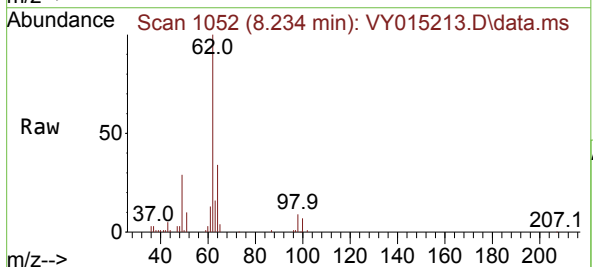
Instrument :
MSVOA_Y
ClientSampleId :

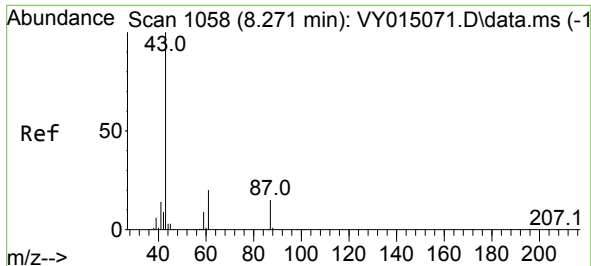
Tgt Ion:	41	Resp:	48789
Ion	Ratio	Lower	Upper
41	100		
39	28.1	52.1	78.1#
67	0.0	66.2	99.2#
52	0.0	29.9	44.9#



#42
1,2-Dichloroethane
Concen: 19.443 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

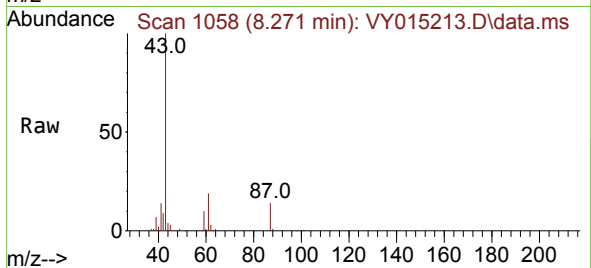
Tgt Ion:	62	Resp:	48017
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	15.8



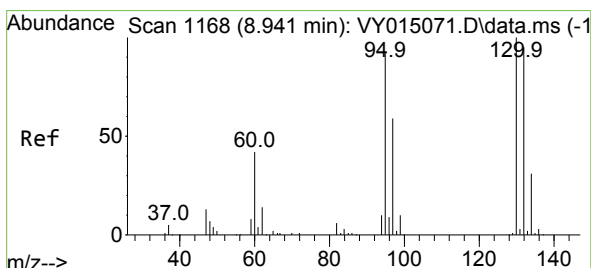
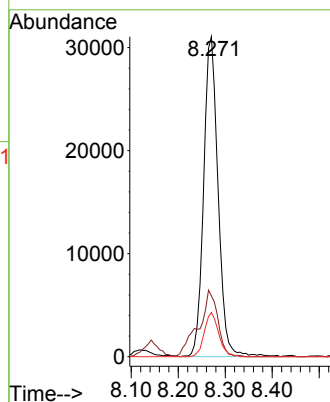
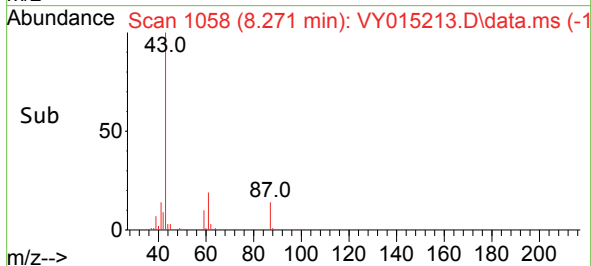


#43
Isopropyl Acetate
Concen: 17.322 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Instrument :
MSVOA_Y
ClientSampleId :

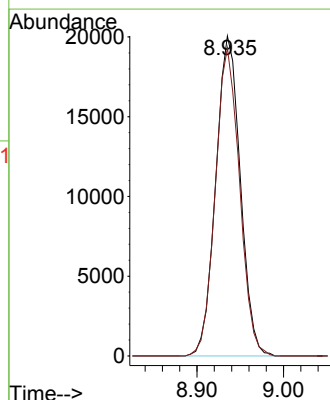
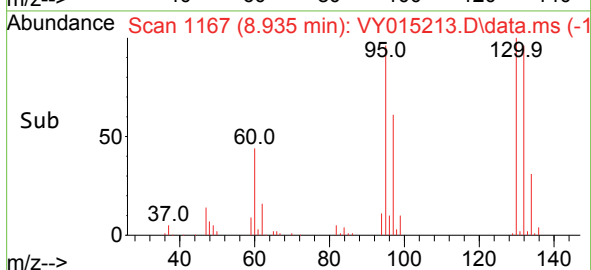
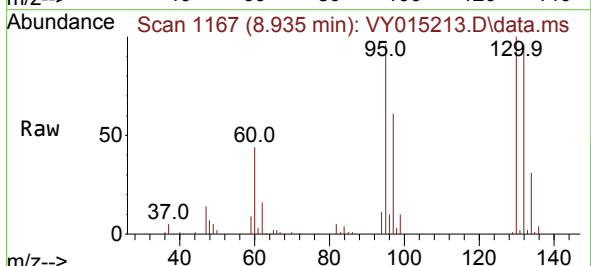


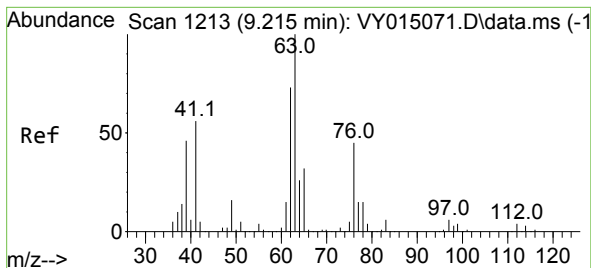
Tgt Ion: 43 Resp: 66134
Ion Ratio Lower Upper
43 100
61 27.6 21.1 31.7
87 13.7 9.8 14.8



#44
Trichloroethene
Concen: 20.130 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion:130 Resp: 39435
Ion Ratio Lower Upper
130 100
95 96.3 0.0 196.0





#45

1,2-Dichloropropane

Concen: 19.492 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.006 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

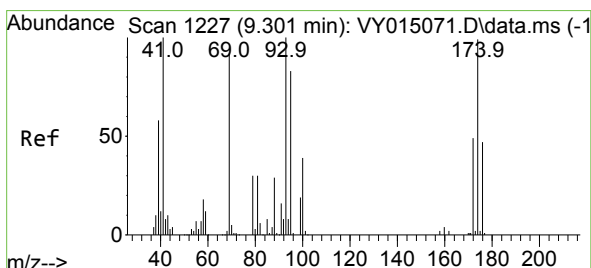
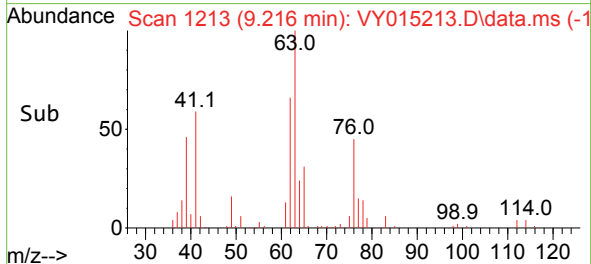
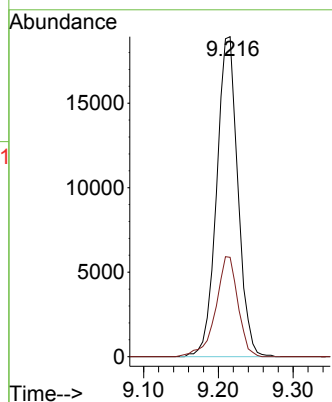
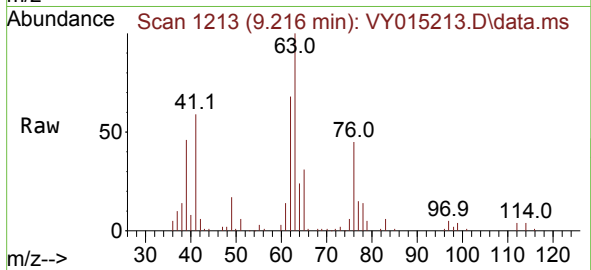
ClientSampleId :

Tgt Ion: 63 Resp: 37376

Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



#46

Dibromomethane

Concen: 19.567 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

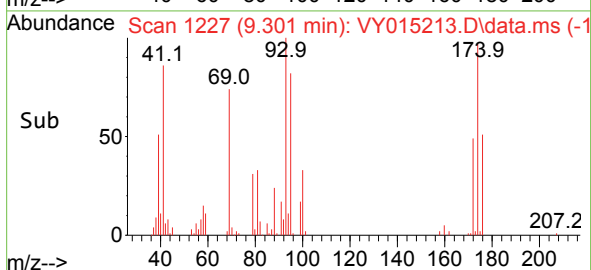
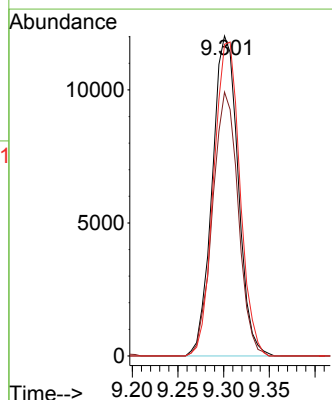
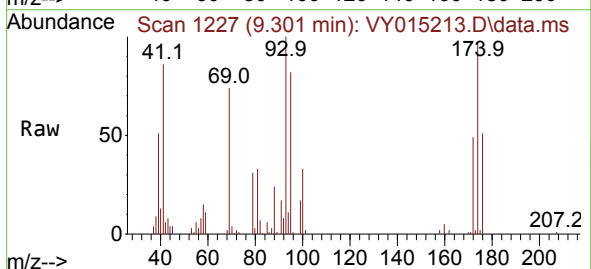
Tgt Ion: 93 Resp: 23664

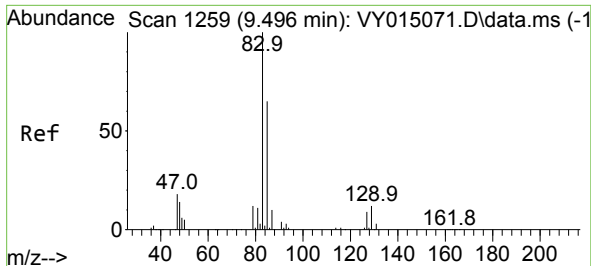
Ion Ratio Lower Upper

93 100

95 81.7 66.6 100.0

174 99.3 84.8 127.2

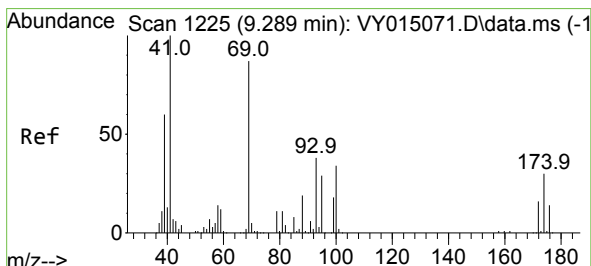
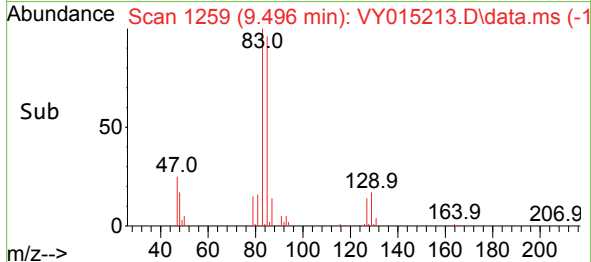
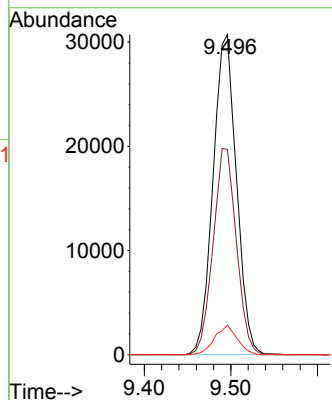
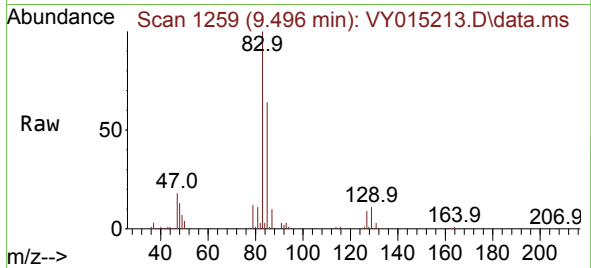




#47
Bromodichloromethane
Concen: 19.946 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

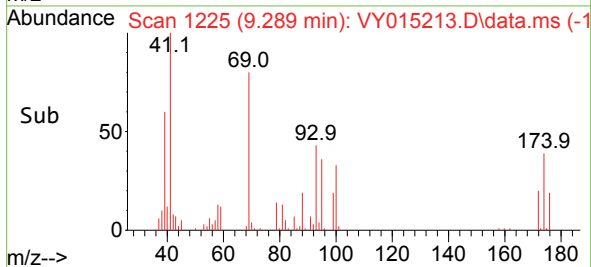
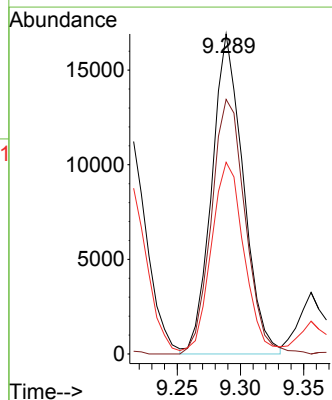
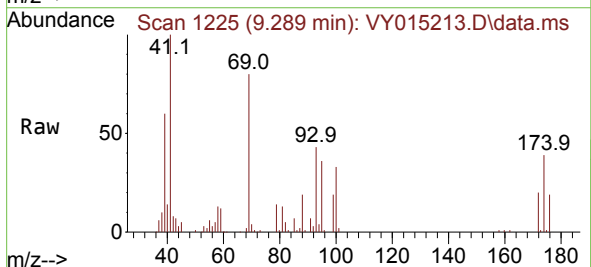
Instrument :
MSVOA_Y
ClientSampleId :

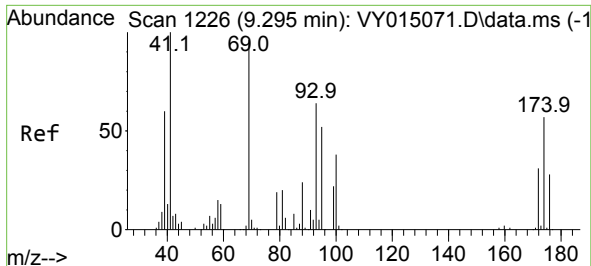
Tgt Ion: 83 Resp: 57562
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 9.3 7.1 10.7



#48
Methyl methacrylate
Concen: 17.932 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 41 Resp: 29286
Ion Ratio Lower Upper
41 100
69 85.7 64.5 96.7
39 62.6 50.8 76.2





#49

1,4-Dioxane

Concen: 335.768 ug/l

RT: 9.289 min Scan# 1225

Delta R.T. -0.006 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

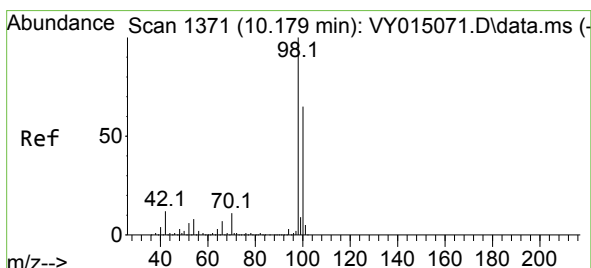
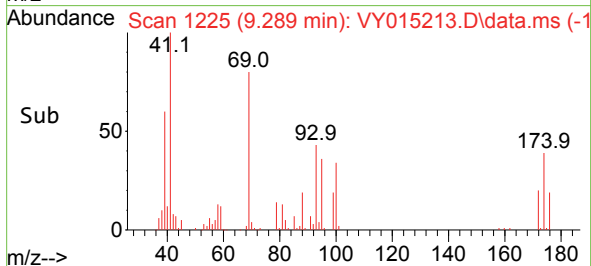
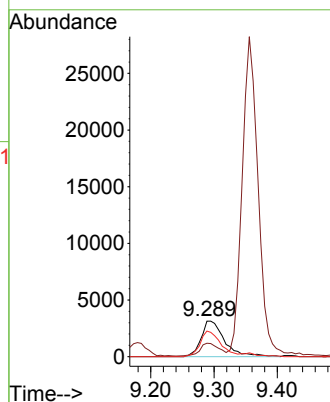
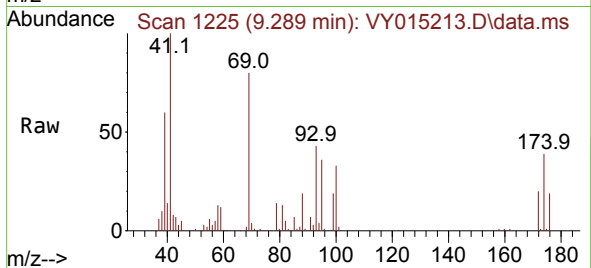
Tgt Ion: 88 Resp: 8120

Ion Ratio Lower Upper

88 100

43 30.1 0.0 0.0#

58 62.6 30.9 46.3#



#50

Toluene-d8

Concen: 48.545 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015213.D

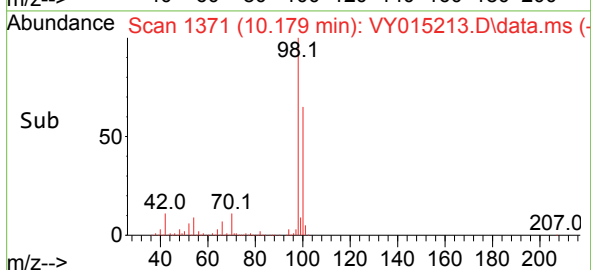
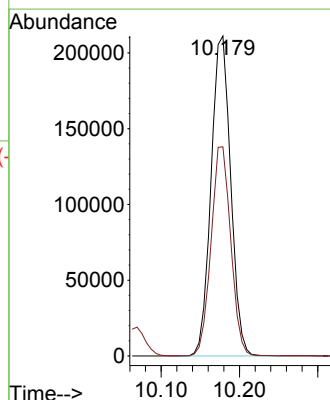
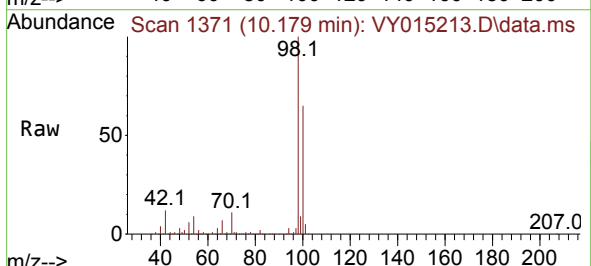
Acq: 21 Aug 2023 12:15

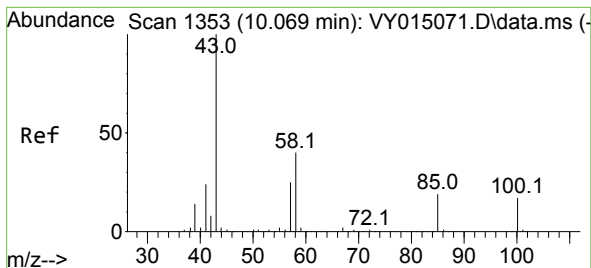
Tgt Ion: 98 Resp: 367389

Ion Ratio Lower Upper

98 100

100 65.8 50.1 75.1

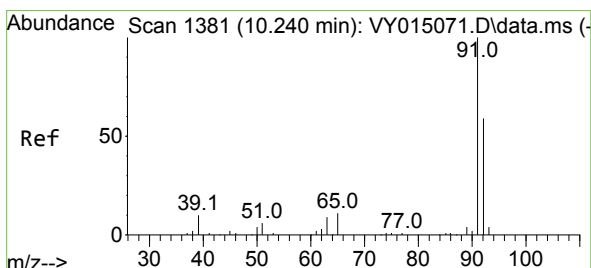
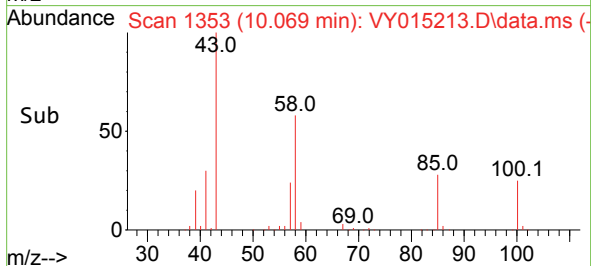
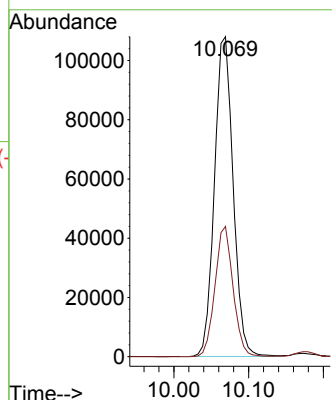
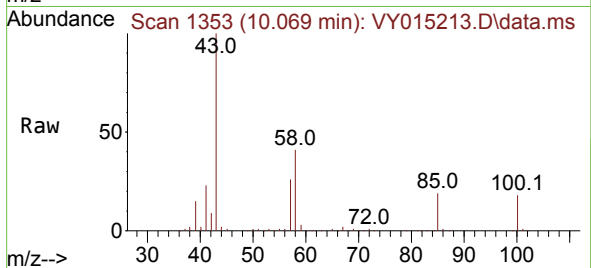




#51
4-Methyl-2-Pentanone
Concen: 84.679 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

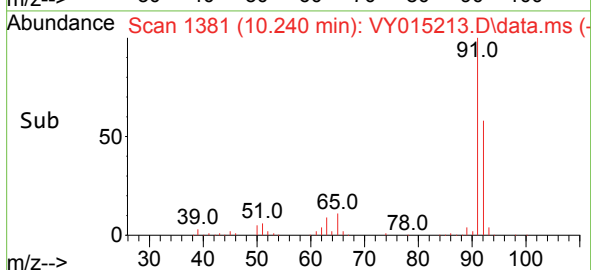
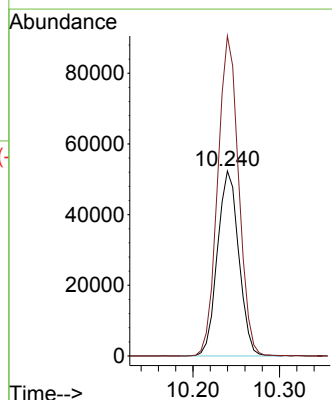
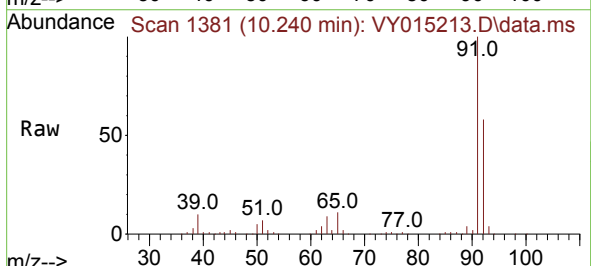
Instrument :
MSVOA_Y
ClientSampleId :

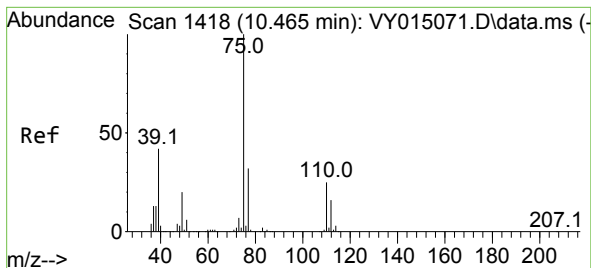
Tgt Ion: 43 Resp: 187366
Ion Ratio Lower Upper
43 100
58 39.6 29.0 43.6



#52
Toluene
Concen: 19.986 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 92 Resp: 89575
Ion Ratio Lower Upper
92 100
91 170.4 143.8 215.6

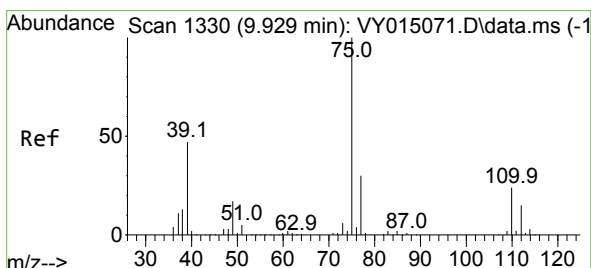
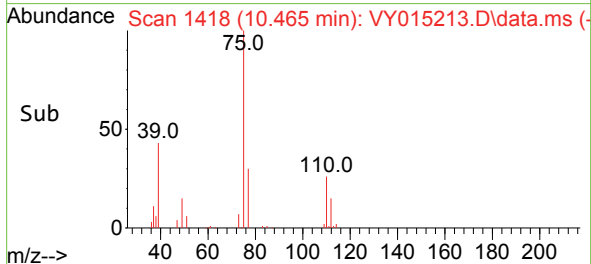
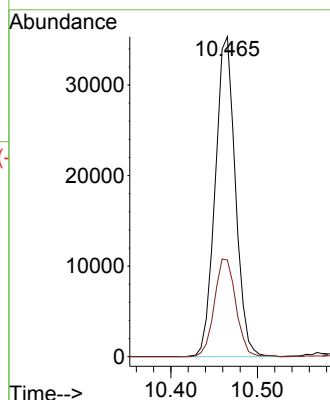
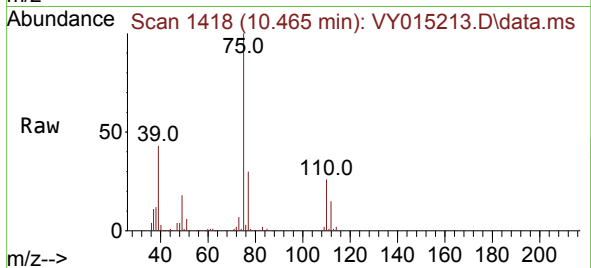




#53
t-1,3-Dichloropropene
Concen: 18.864 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

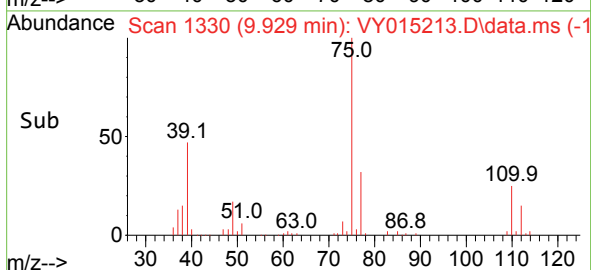
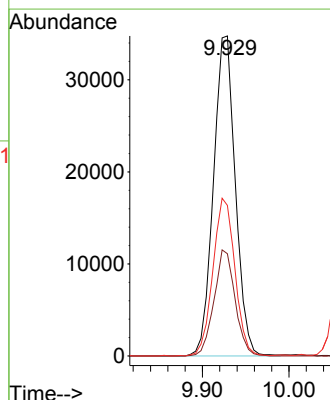
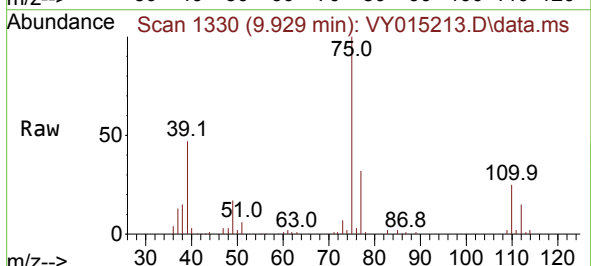
Instrument :
MSVOA_Y
ClientSampleId :

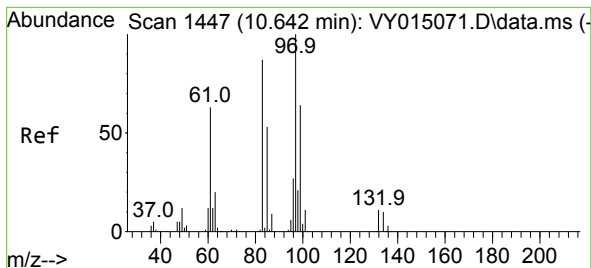
Tgt Ion: 75 Resp: 57211
Ion Ratio Lower Upper
75 100
77 30.2 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 19.110 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 75 Resp: 61041
Ion Ratio Lower Upper
75 100
77 32.0 24.2 36.4
39 46.9 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 18.964 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 34872

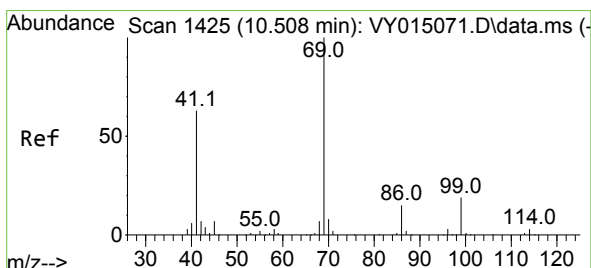
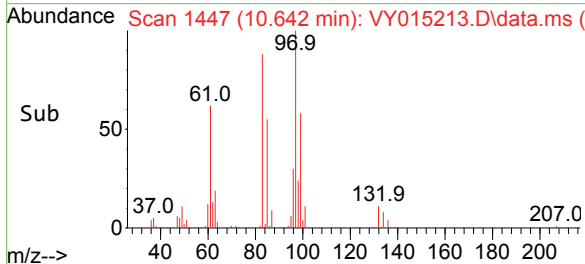
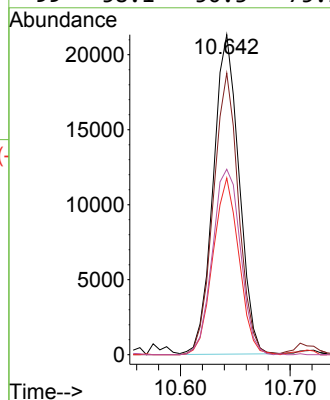
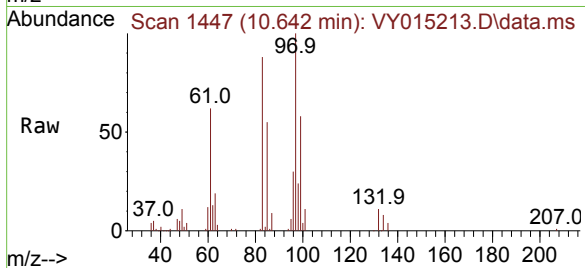
Ion Ratio Lower Upper

97 100

83 88.3 72.0 108.0

85 55.4 45.4 68.0

99 58.1 50.3 75.5



#56

Ethyl methacrylate

Concen: 17.894 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

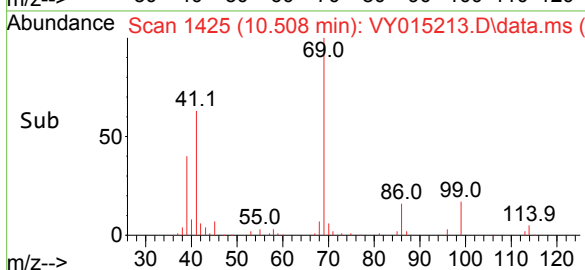
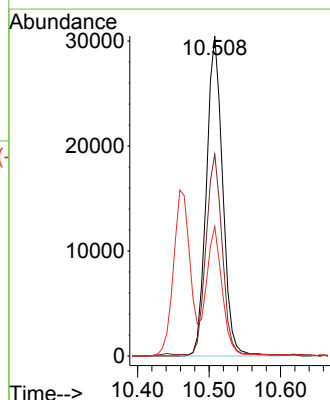
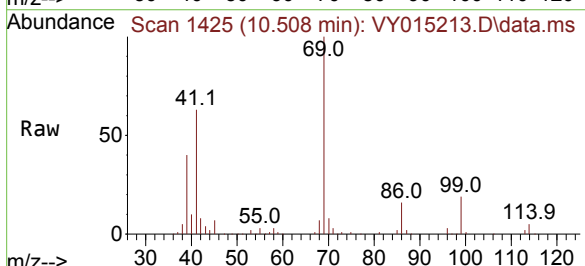
Tgt Ion: 69 Resp: 48155

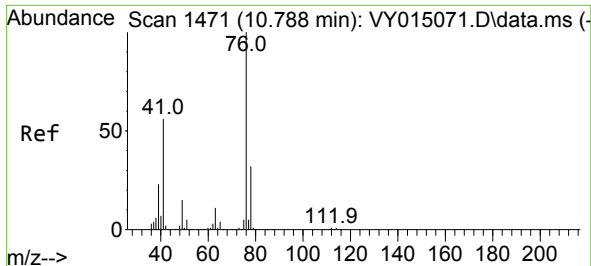
Ion Ratio Lower Upper

69 100

41 62.2 57.6 86.4

39 39.3 34.1 51.1

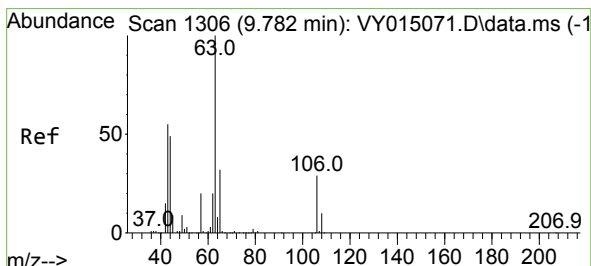
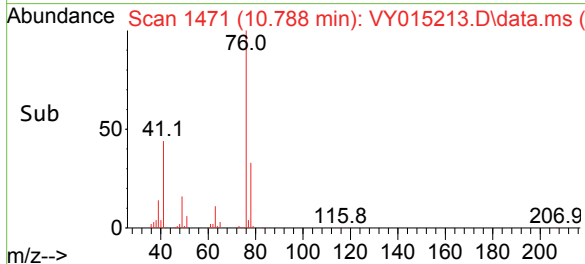
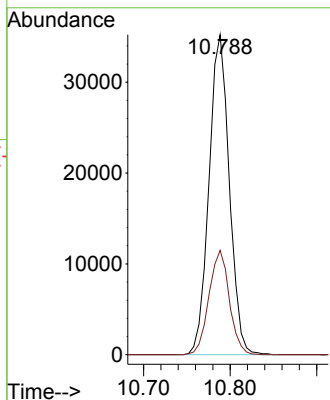
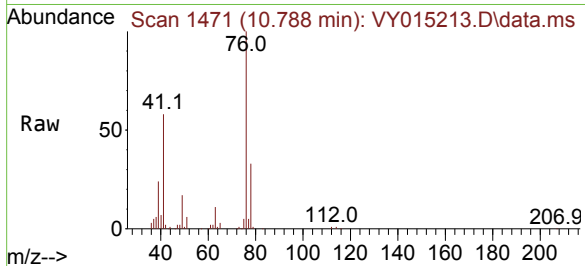




#57
1,3-Dichloropropane
Concen: 19.089 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

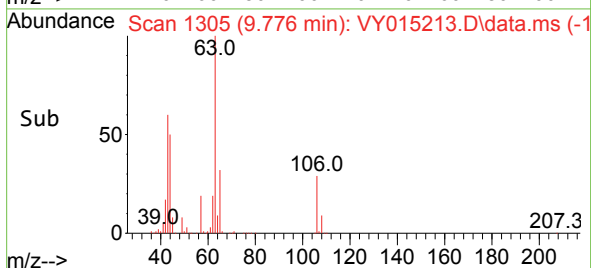
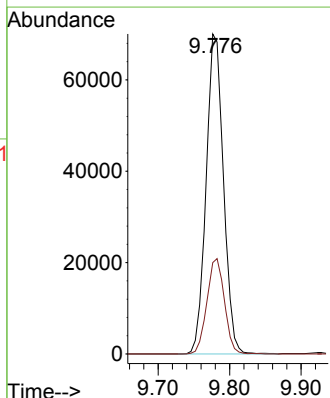
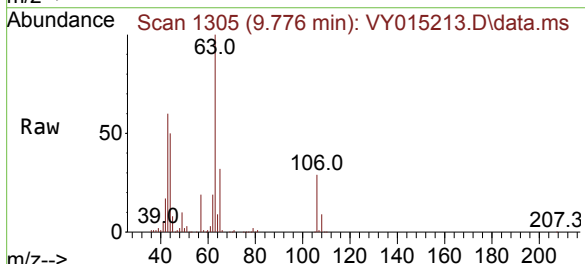
Instrument :
MSVOA_Y
ClientSampleId :

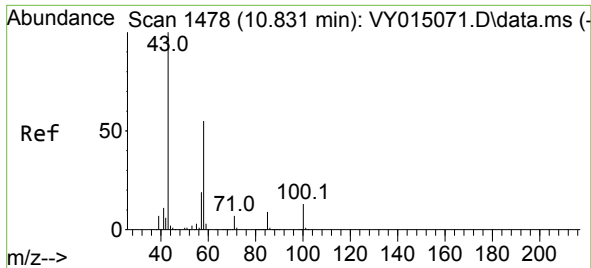
Tgt Ion: 76 Resp: 57349
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 94.286 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 63 Resp: 118084
Ion Ratio Lower Upper
63 100
106 30.1 21.2 31.8

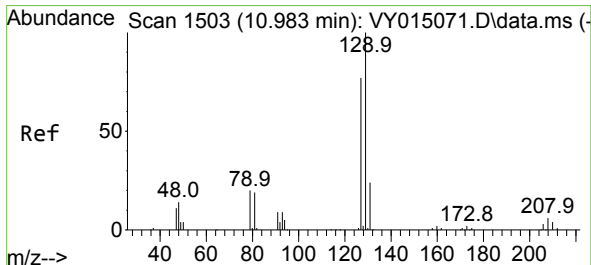
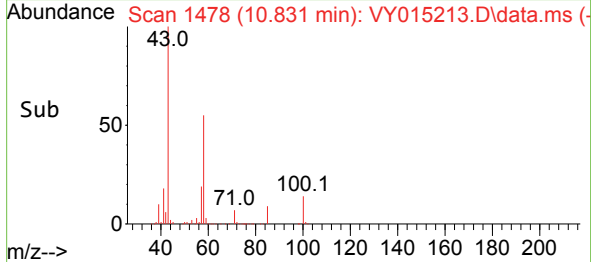
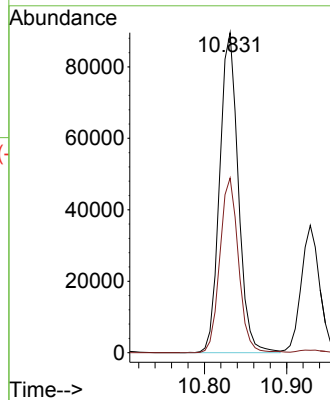
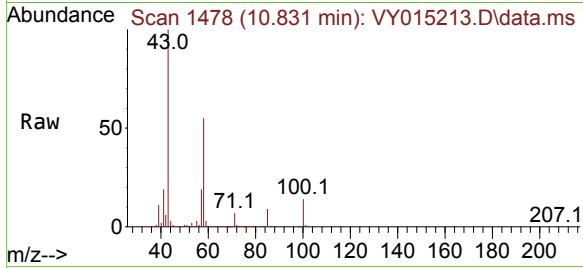




#59
2-Hexanone
Concen: 86.082 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

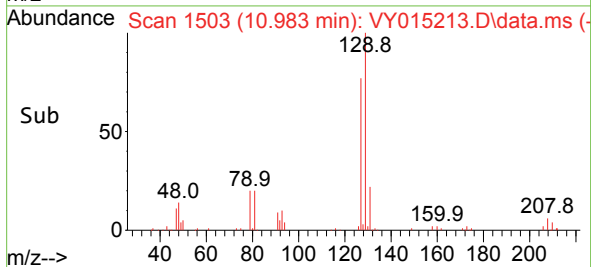
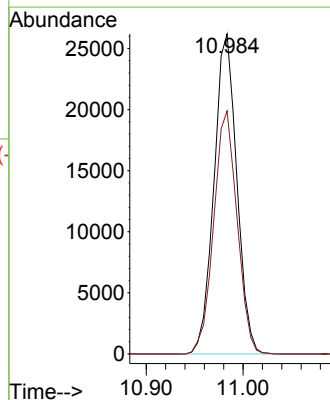
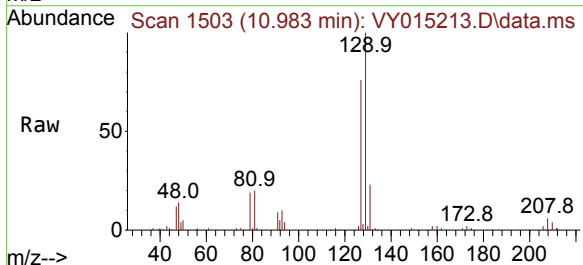
Instrument :
MSVOA_Y
ClientSampleId :

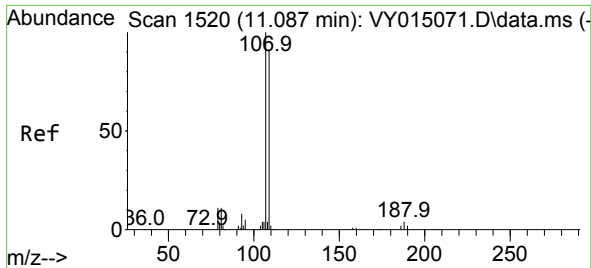
Tgt Ion: 43 Resp: 140968
Ion Ratio Lower Upper
43 100
58 54.5 25.1 75.3



#60
Dibromochloromethane
Concen: 19.564 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 129 Resp: 42914
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

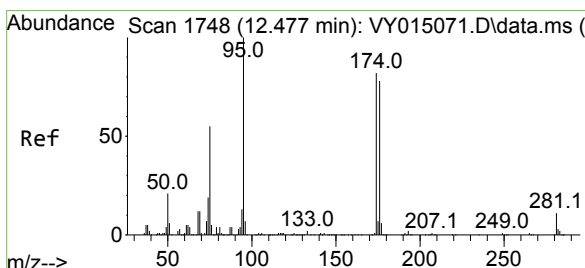
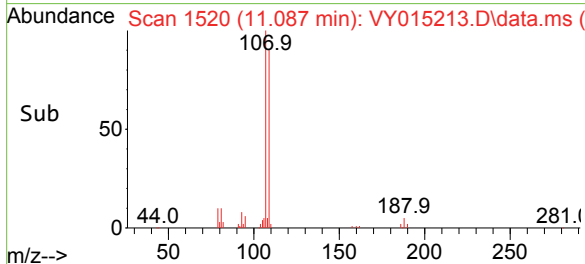
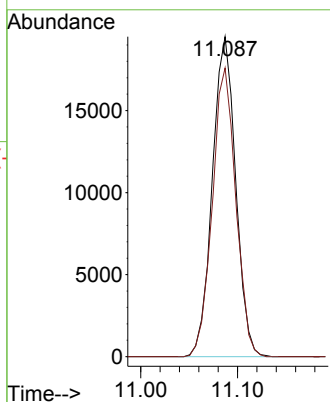
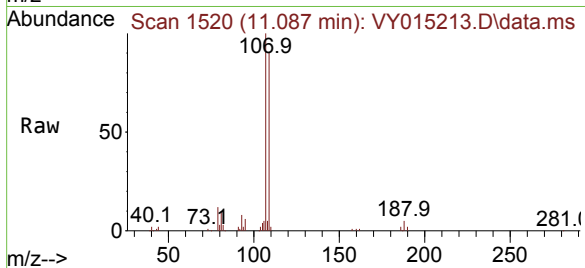




#61
1,2-Dibromoethane
Concen: 18.674 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

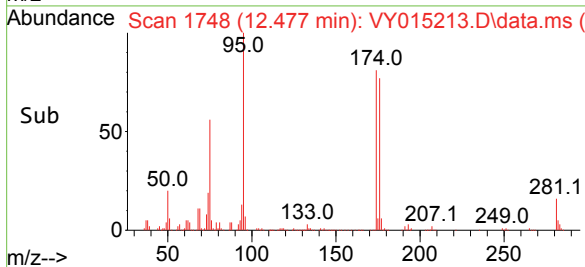
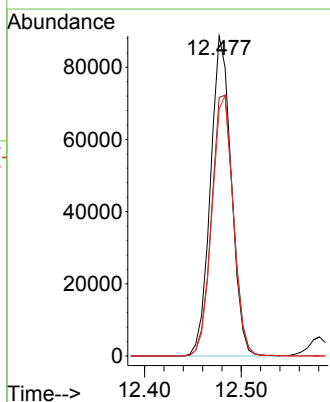
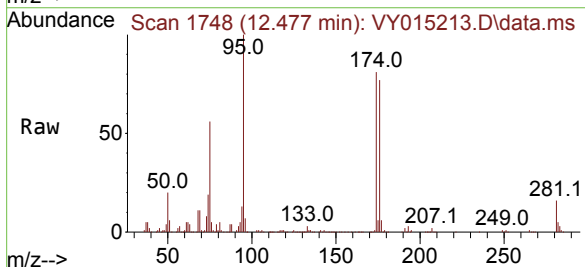
Instrument :
MSVOA_Y
ClientSampleId :

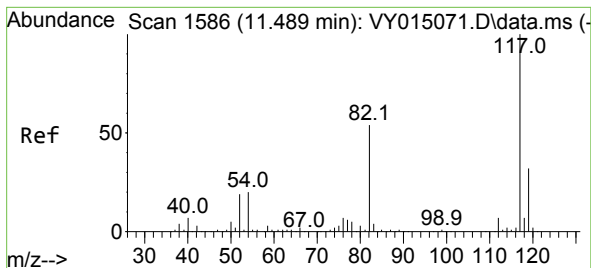
Tgt Ion:107 Resp: 32622
Ion Ratio Lower Upper
107 100
109 90.9 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 47.969 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

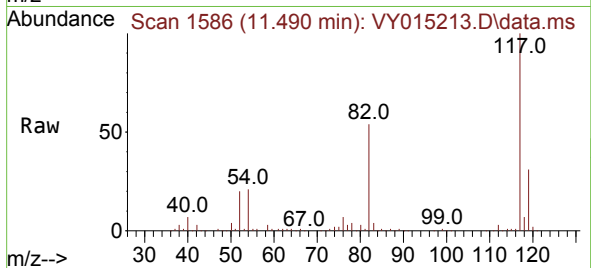
Tgt Ion: 95 Resp: 132596
Ion Ratio Lower Upper
95 100
174 85.6 0.0 178.2
176 83.1 0.0 173.8



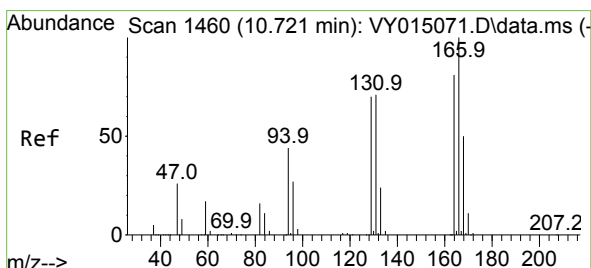
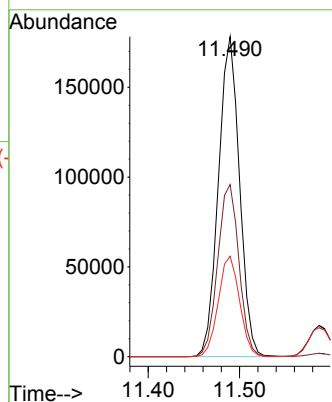
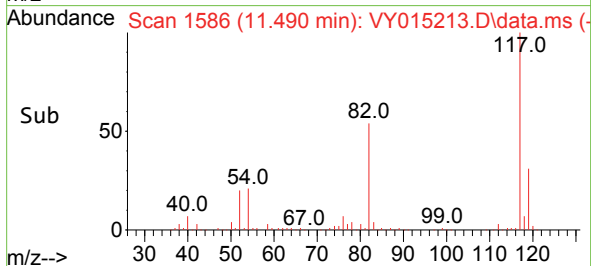


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

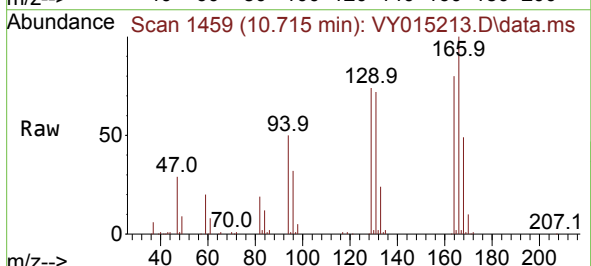
Instrument :
MSVOA_Y
ClientSampleId :



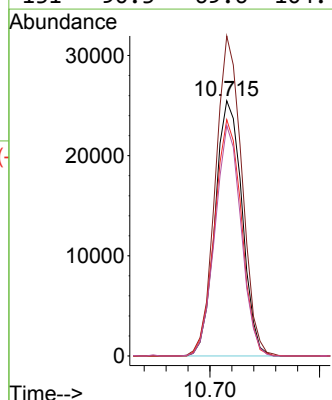
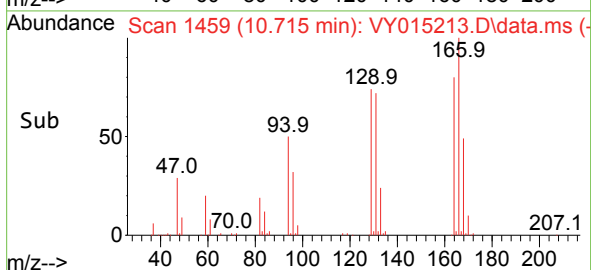
Tgt Ion:117 Resp: 285600
Ion Ratio Lower Upper
117 100
82 53.8 43.4 65.0
119 31.4 26.3 39.5

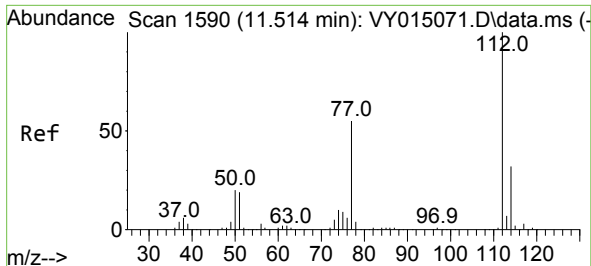


#64
Tetrachloroethene
Concen: 21.859 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15



Tgt Ion:164 Resp: 43494
Ion Ratio Lower Upper
164 100
166 125.4 103.0 154.6
129 92.6 77.2 115.8
131 90.3 69.6 104.4

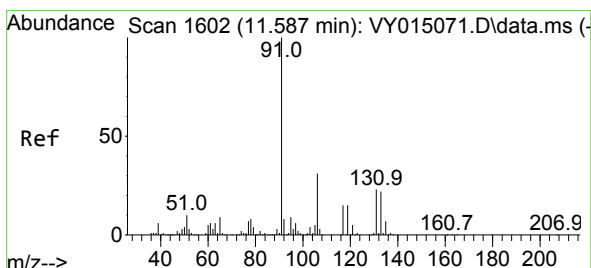
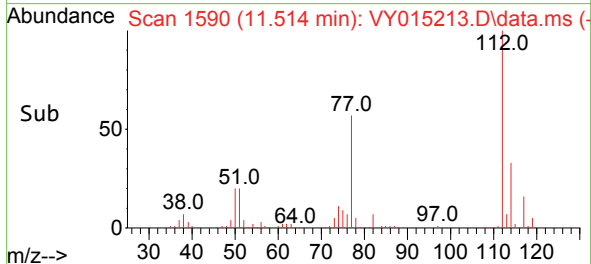
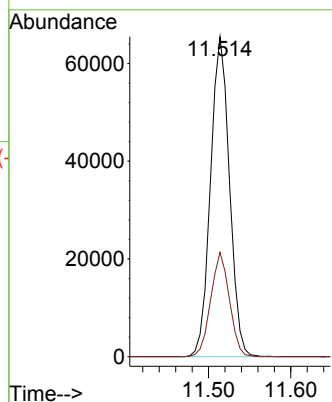
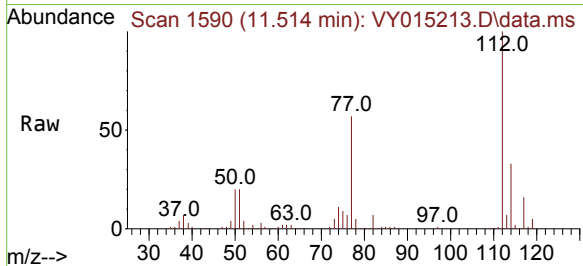




#65
Chlorobenzene
Concen: 20.143 ug/l
RT: 11.514 min Scan# 111
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

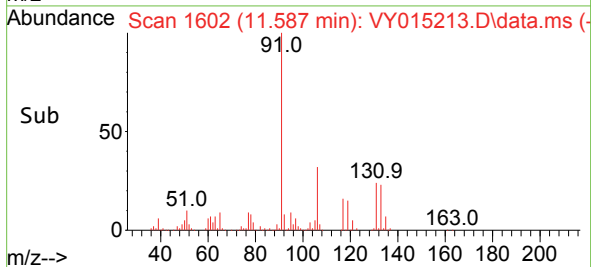
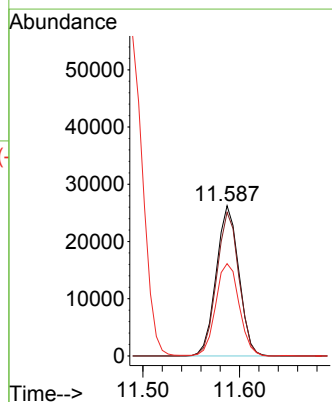
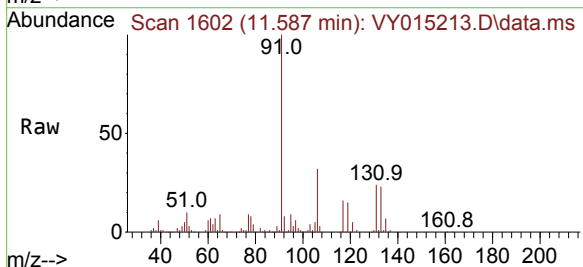
Instrument :
MSVOA_Y
ClientSampleId :

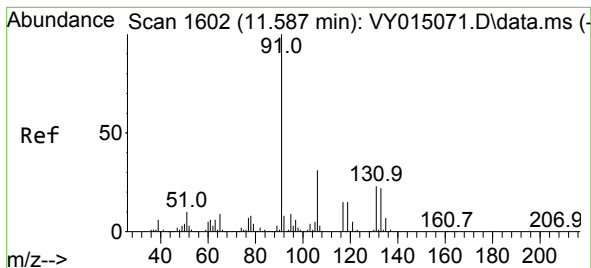
Tgt Ion:112 Resp: 104818
Ion Ratio Lower Upper
112 100
114 32.6 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.177 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion:131 Resp: 42602
Ion Ratio Lower Upper
131 100
133 94.4 47.5 142.6
119 64.1 31.6 94.7





#67

Ethyl Benzene

Concen: 19.653 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

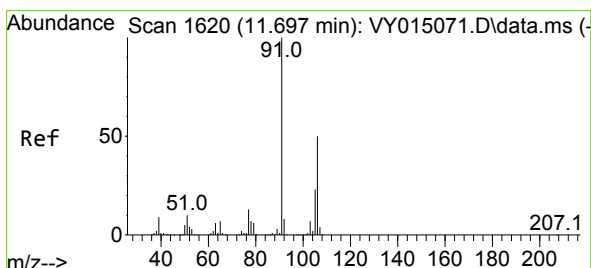
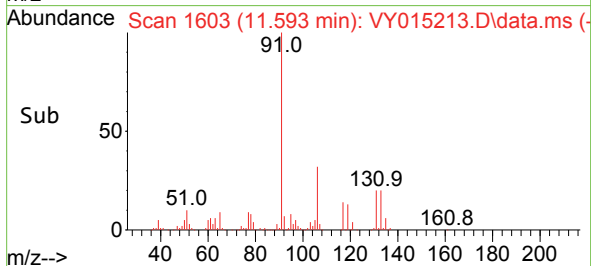
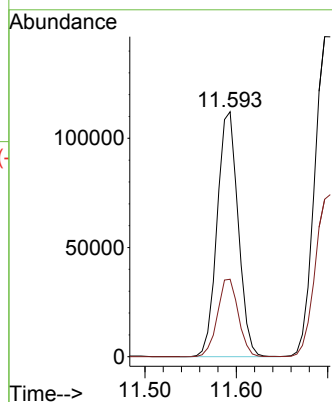
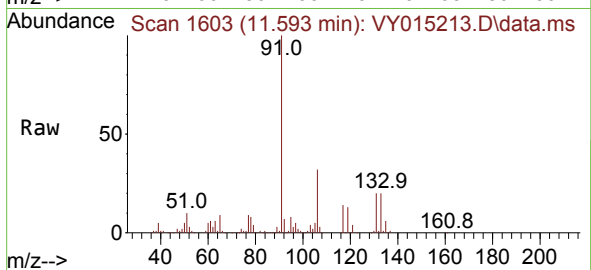
ClientSampleId :

Tgt Ion: 91 Resp: 179184

Ion Ratio Lower Upper

91 100

106 31.6 24.6 36.8



#68

m/p-Xylenes

Concen: 39.825 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015213.D

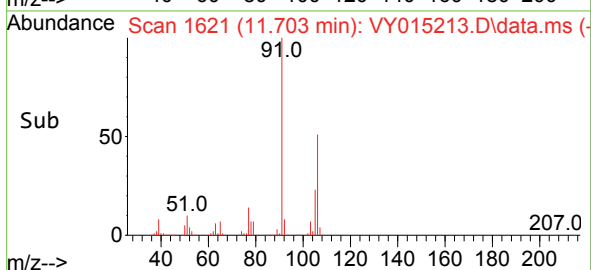
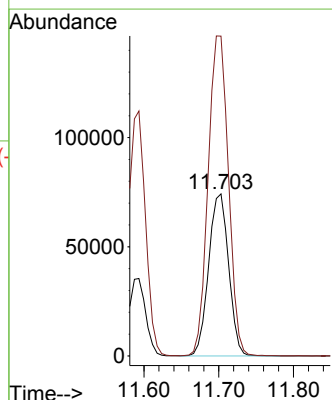
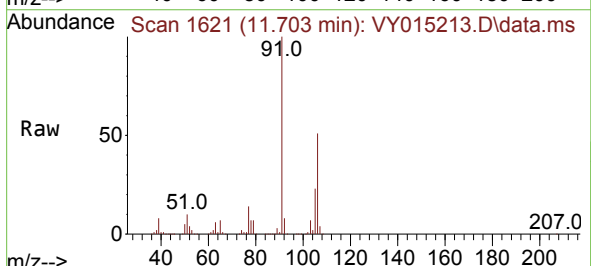
Acq: 21 Aug 2023 12:15

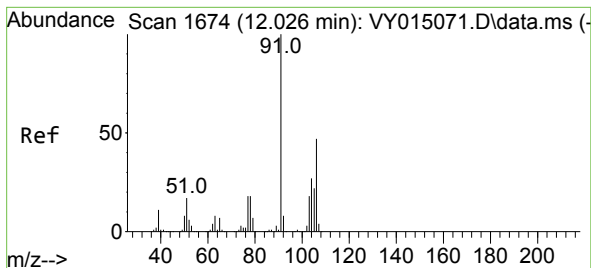
Tgt Ion:106 Resp: 137904

Ion Ratio Lower Upper

106 100

91 200.4 166.1 249.1





#69

o-Xylene

Concen: 19.451 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

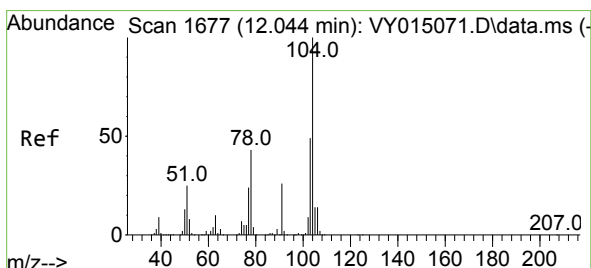
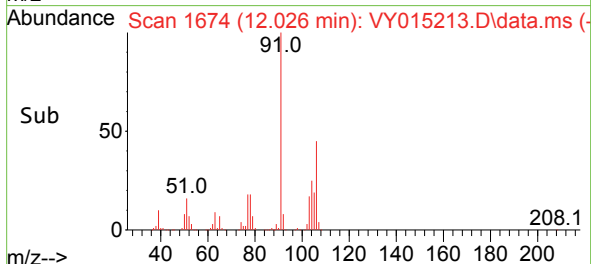
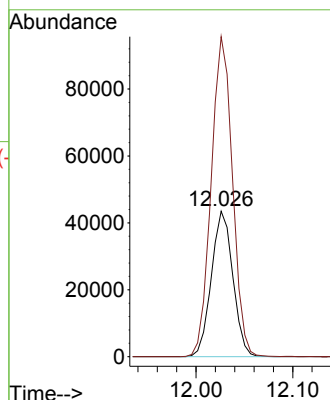
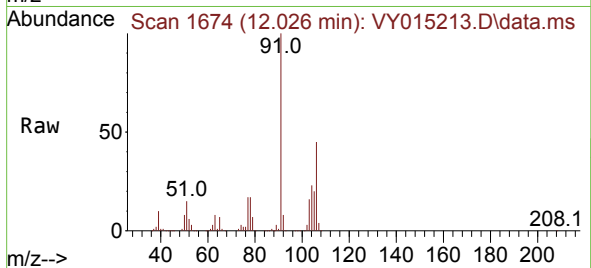
ClientSampleId :

Tgt Ion:106 Resp: 67097

Ion Ratio Lower Upper

106 100

91 218.4 108.1 324.3



#70

Styrene

Concen: 19.759 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

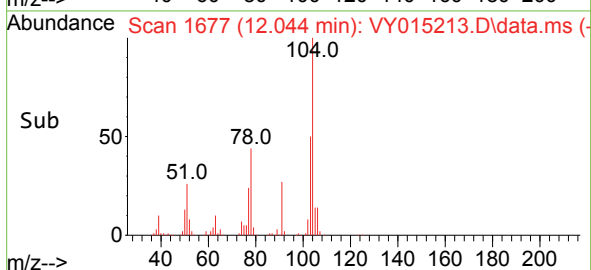
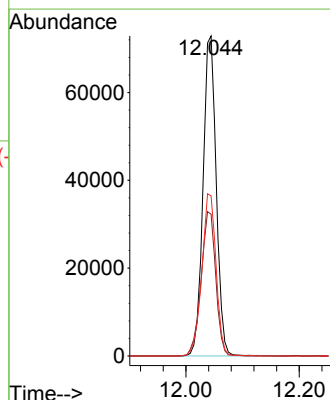
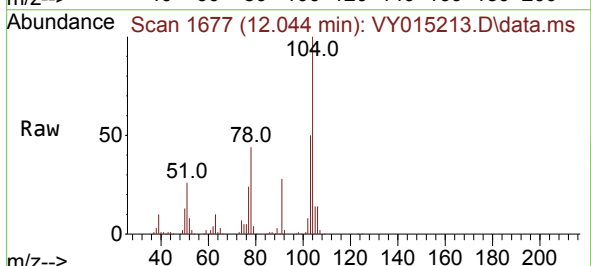
Tgt Ion:104 Resp: 117969

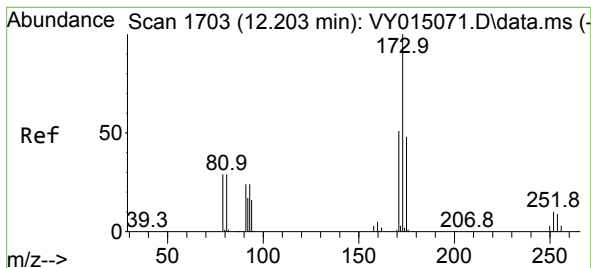
Ion Ratio Lower Upper

104 100

78 49.9 41.5 62.3

103 54.6 44.6 67.0





#71

Bromoform

Concen: 18.137 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015213.D

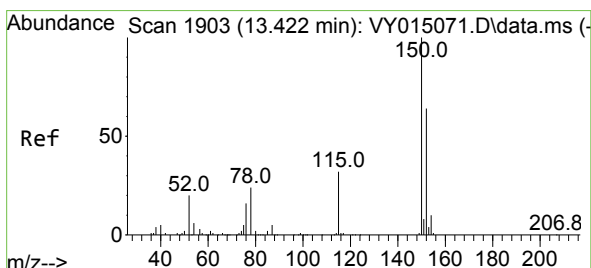
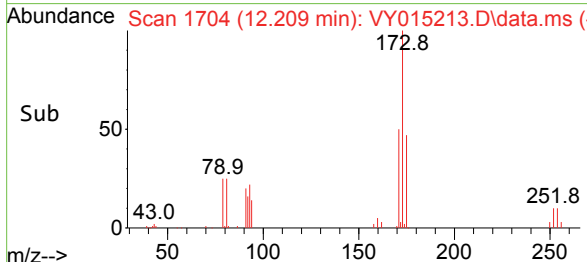
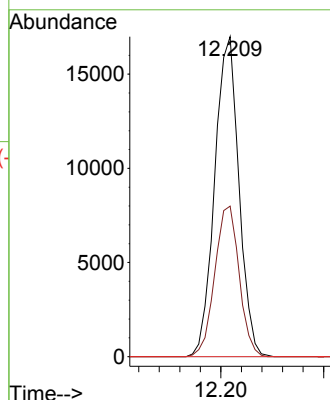
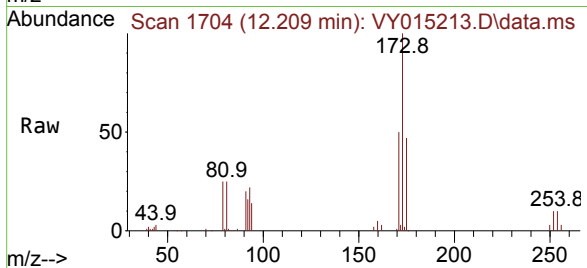
Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	27760
Ion Ratio	Lower	Upper
173	100	
175	47.4	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

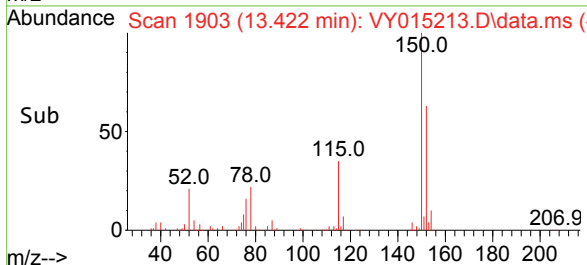
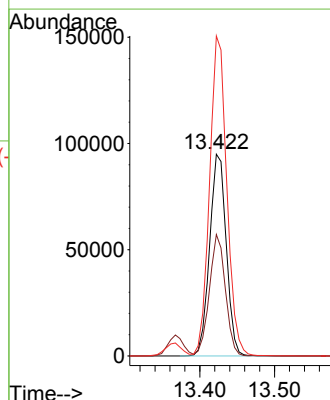
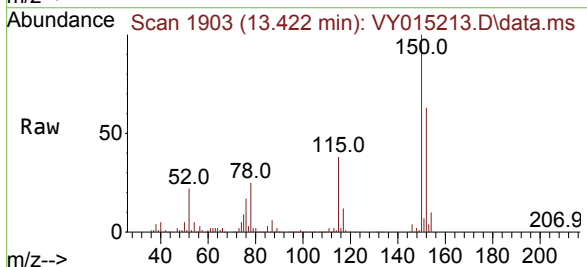
RT: 13.422 min Scan# 1903

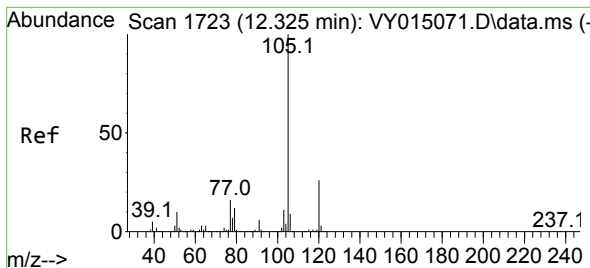
Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Tgt Ion:152	Resp:	146651
Ion Ratio	Lower	Upper
152	100	
115	58.0	28.8 86.5
150	164.2	0.0 348.8





#73

Isopropylbenzene

Concen: 20.026 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

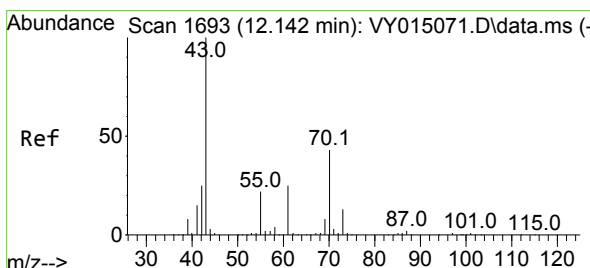
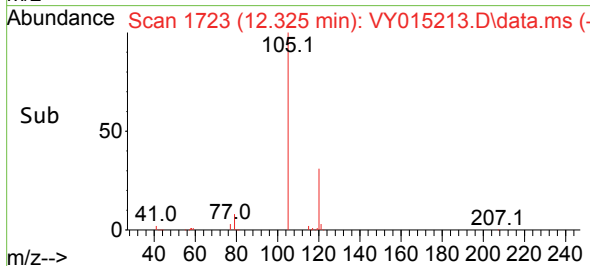
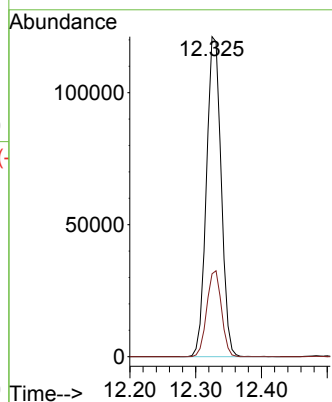
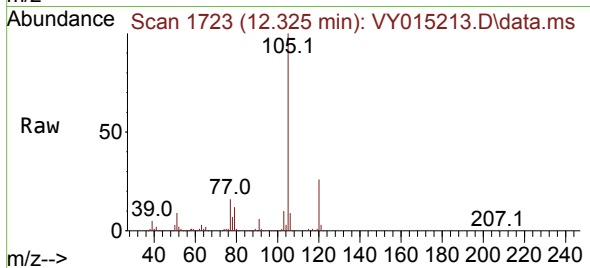
ClientSampleId :

Tgt Ion:105 Resp: 188844

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 17.051 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Tgt Ion: 43 Resp: 58054

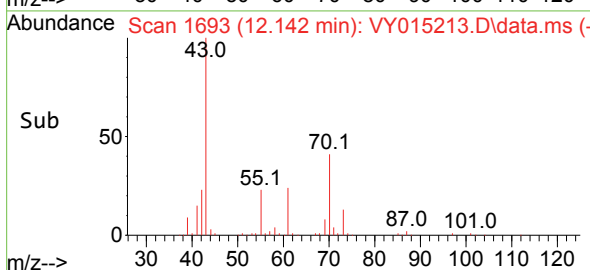
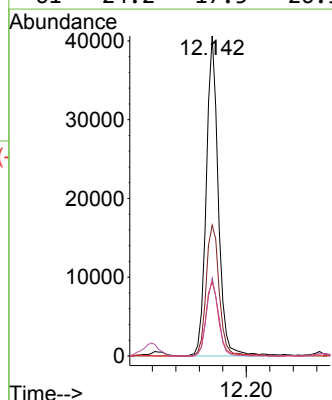
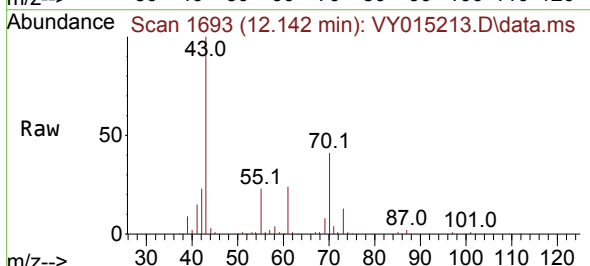
Ion Ratio Lower Upper

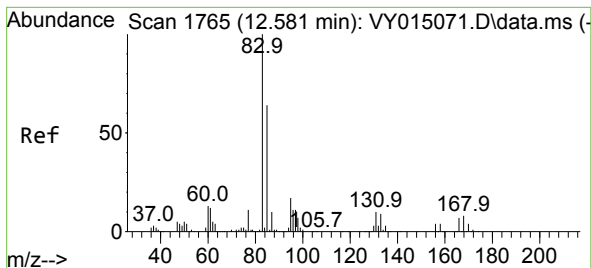
43 100

70 44.6 29.7 44.5#

55 24.4 18.3 27.5

61 24.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 17.303 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

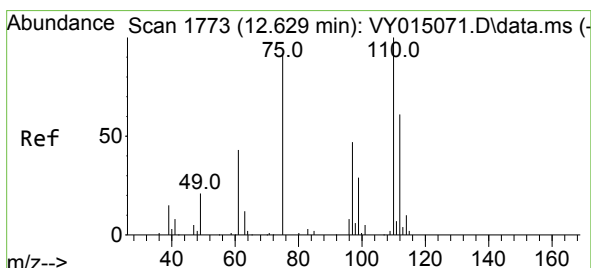
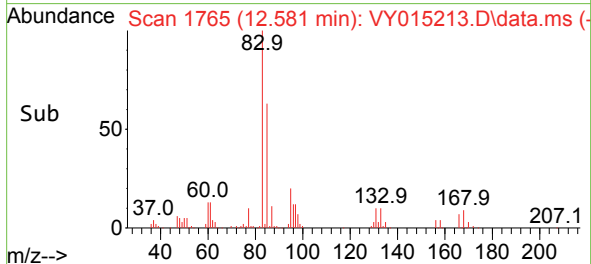
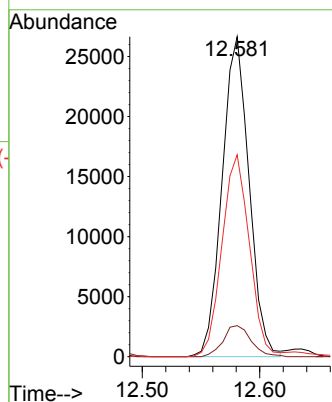
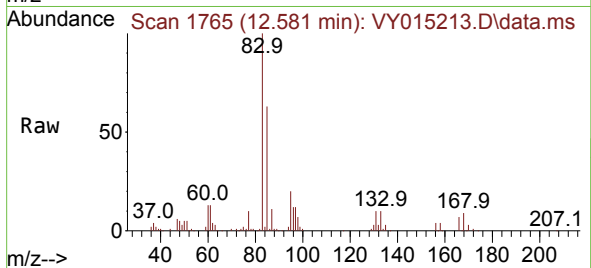
Tgt Ion: 83 Resp: 42497

Ion Ratio Lower Upper

83 100

131 10.1 5.4 16.2

85 64.2 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 31.654 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY015213.D

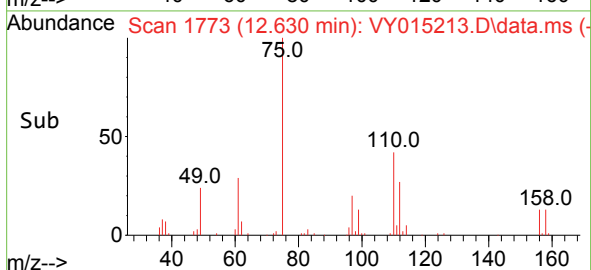
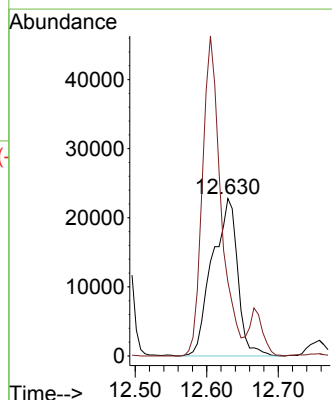
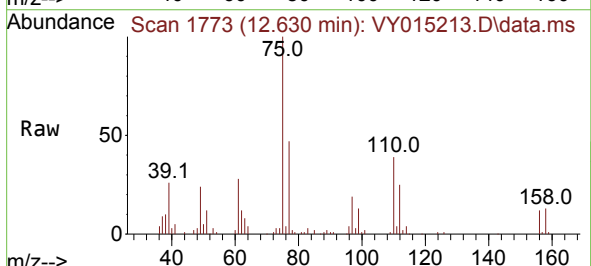
Acq: 21 Aug 2023 12:15

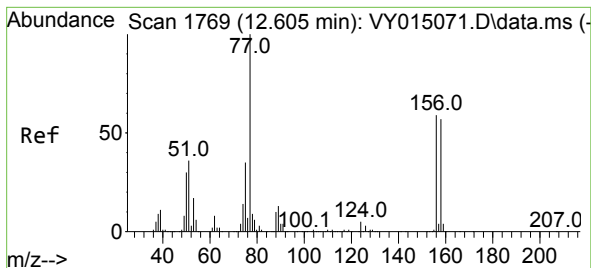
Tgt Ion: 75 Resp: 56398

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.965 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

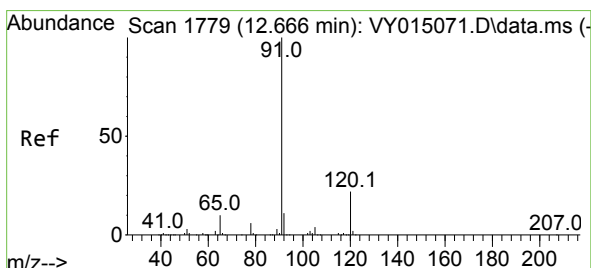
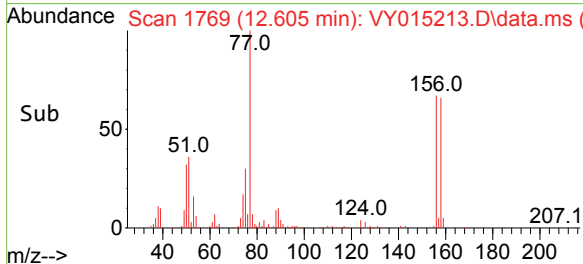
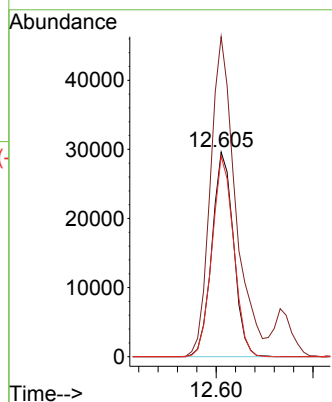
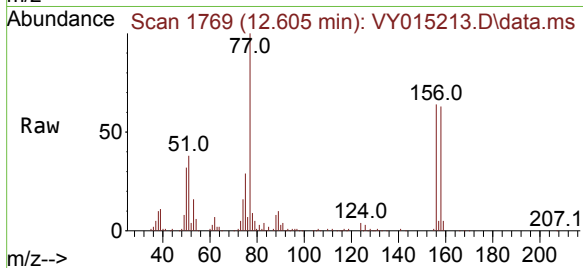
Tgt Ion:156 Resp: 45891

Ion Ratio Lower Upper

156 100

77 181.4 92.8 278.6

158 98.1 48.4 145.3



#78

n-propylbenzene

Concen: 19.745 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015213.D

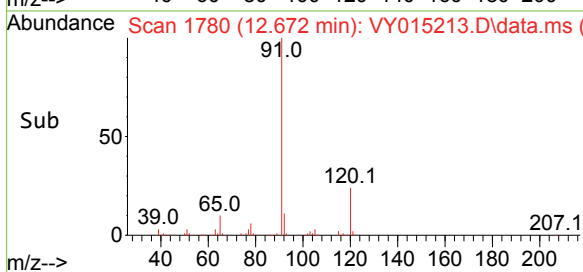
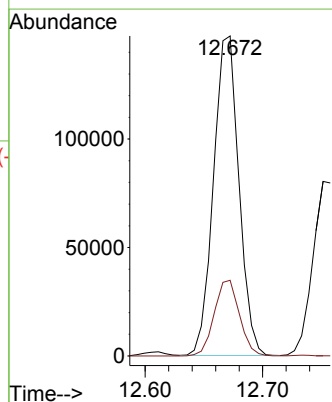
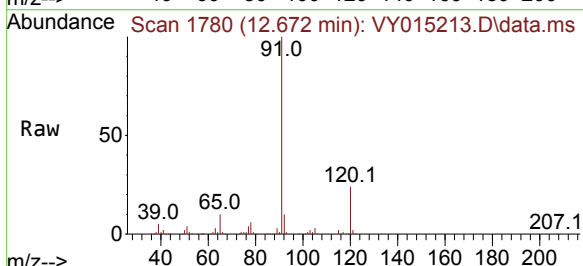
Acq: 21 Aug 2023 12:15

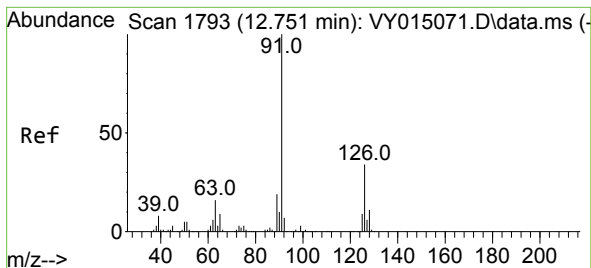
Tgt Ion: 91 Resp: 221107

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.799 ug/l

RT: 12.751 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

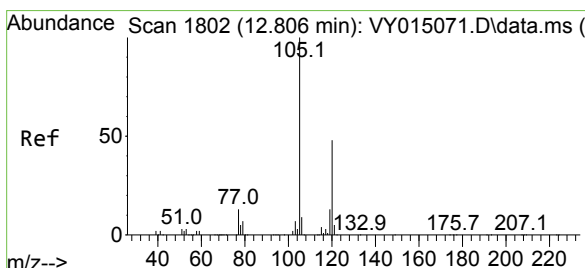
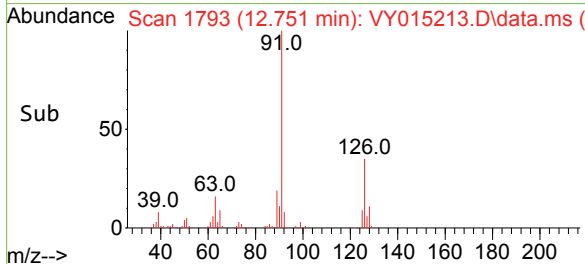
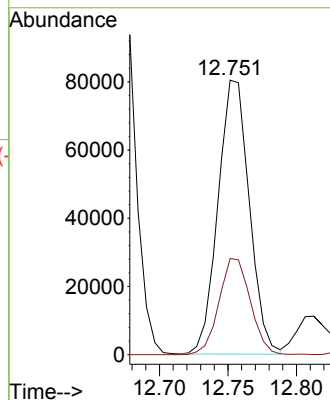
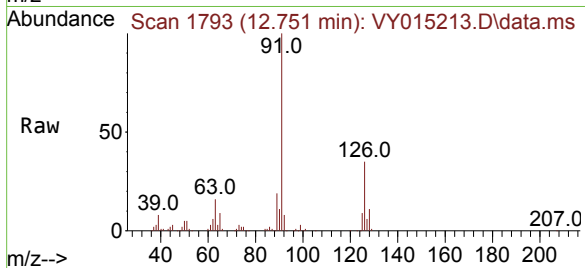
ClientSampleId :

Tgt Ion: 91 Resp: 127903

Ion Ratio Lower Upper

91 100

126 35.2 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.923 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015213.D

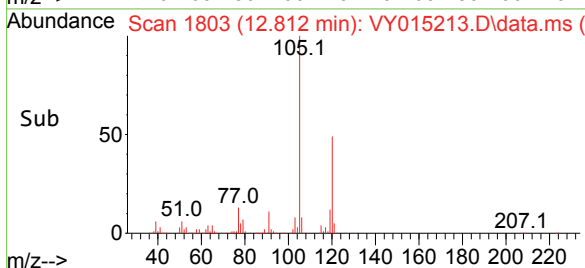
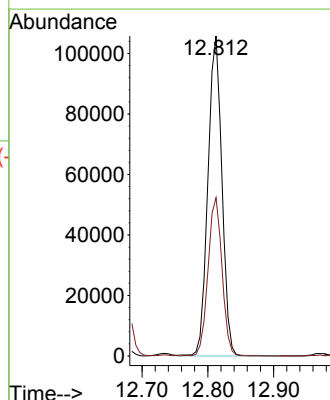
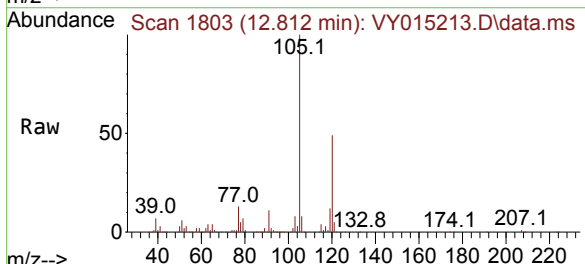
Acq: 21 Aug 2023 12:15

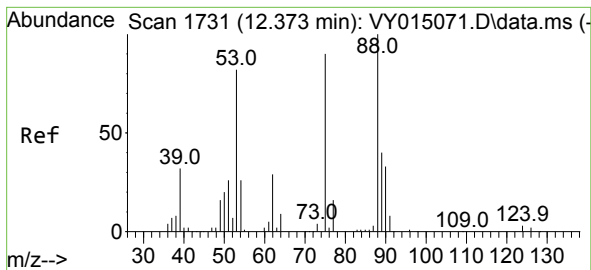
Tgt Ion: 105 Resp: 156611

Ion Ratio Lower Upper

105 100

120 49.4 23.9 71.7

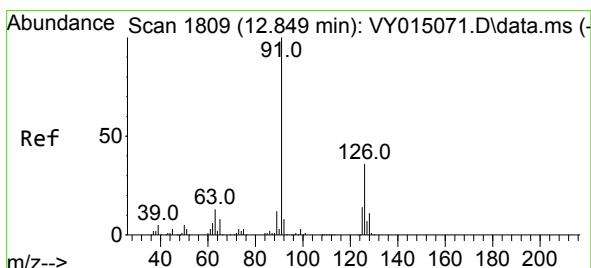
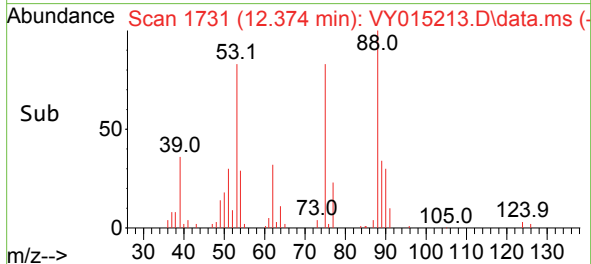
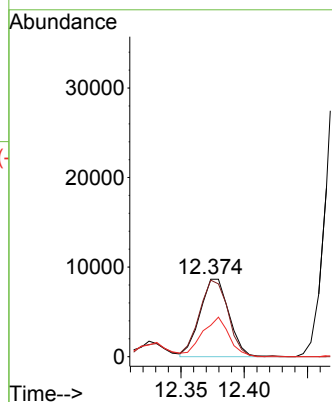
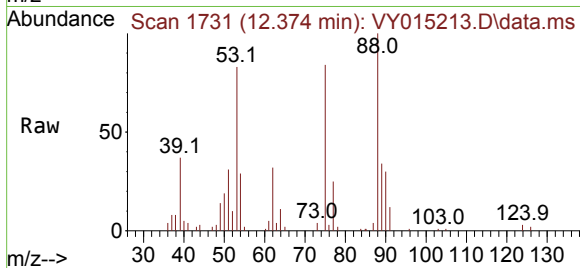




#81
trans-1,4-Dichloro-2-butene
Concen: 17.010 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

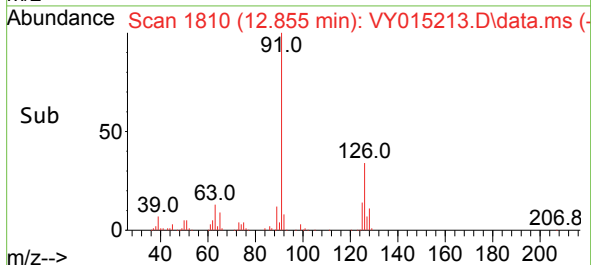
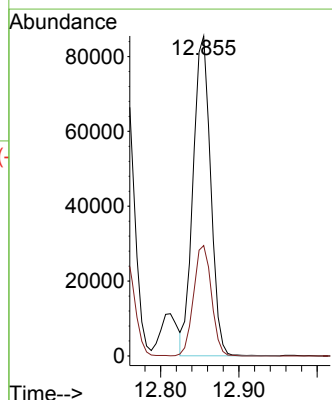
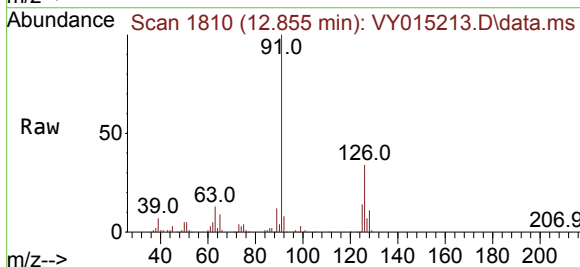
Instrument :
MSVOA_Y
ClientSampleId :

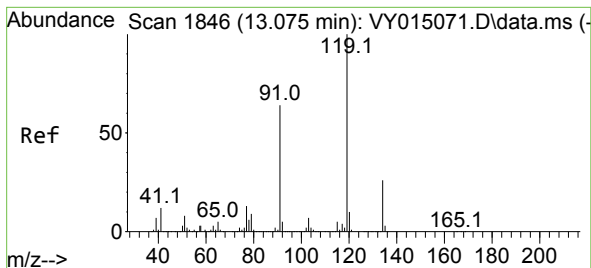
Tgt Ion: 75 Resp: 13798
Ion Ratio Lower Upper
75 100
53 97.6 77.8 116.8
89 47.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.915 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015213.D
Acq: 21 Aug 2023 12:15

Tgt Ion: 91 Resp: 132914
Ion Ratio Lower Upper
91 100
126 35.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.060 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

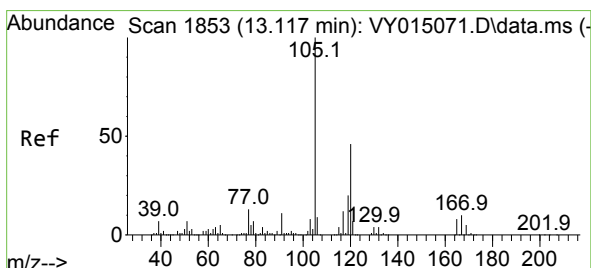
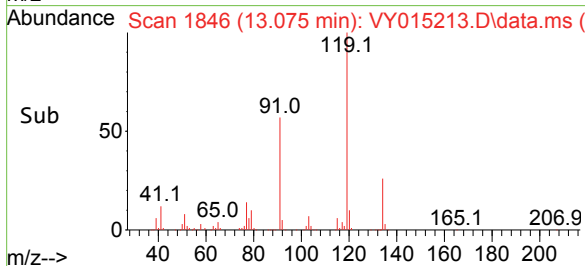
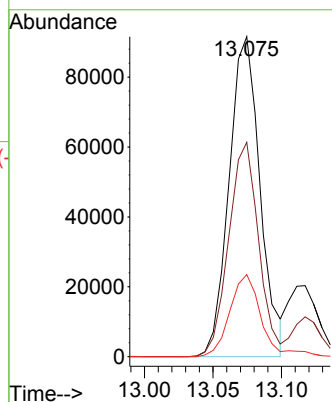
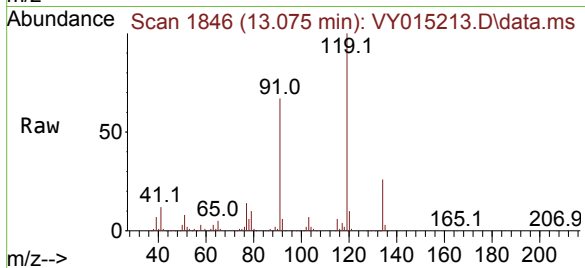
Tgt Ion:119 Resp: 144234

Ion Ratio Lower Upper

119 100

91 64.7 32.9 98.6

134 26.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.098 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015213.D

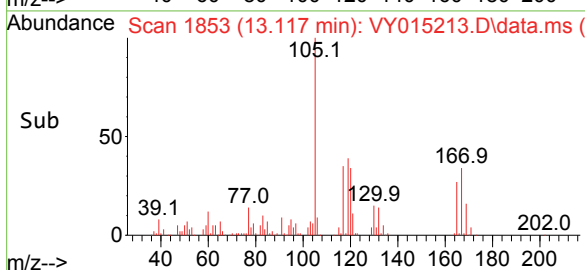
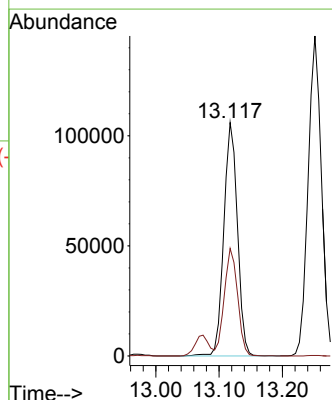
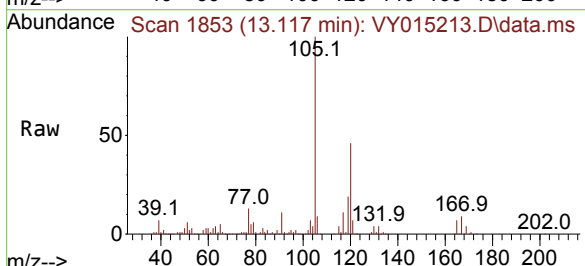
Acq: 21 Aug 2023 12:15

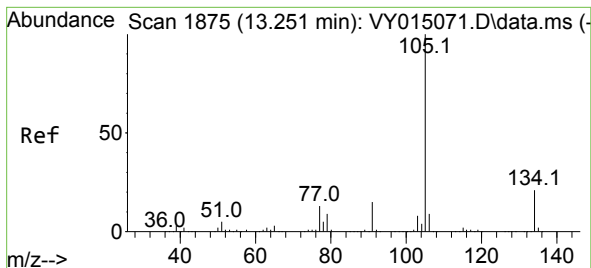
Tgt Ion:105 Resp: 157869

Ion Ratio Lower Upper

105 100

120 44.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 20.111 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

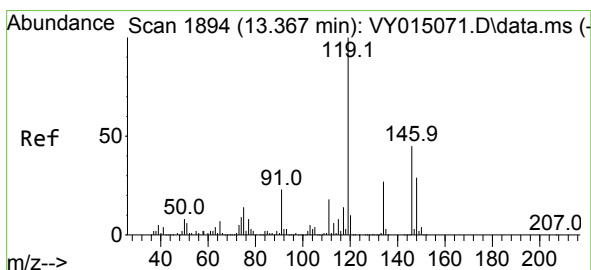
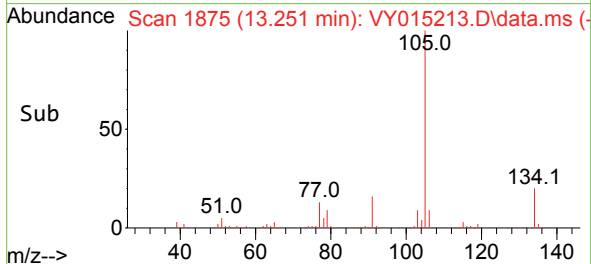
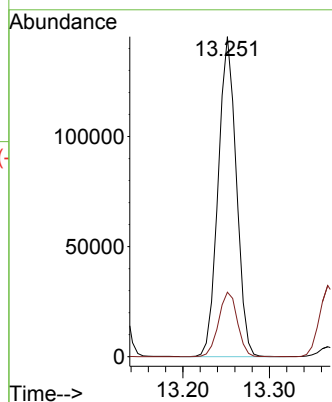
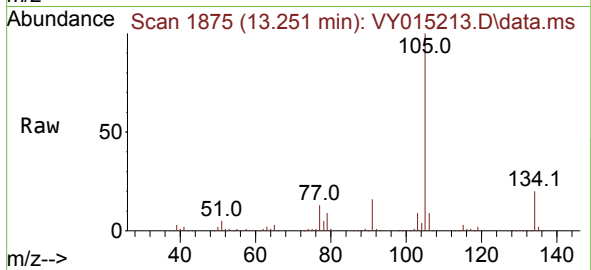
ClientSampleId :

Tgt Ion:105 Resp: 211861

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.571 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

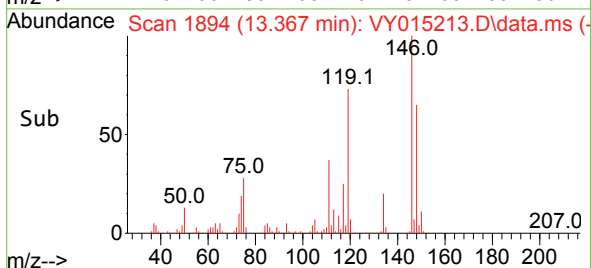
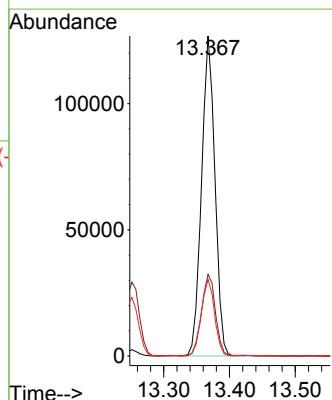
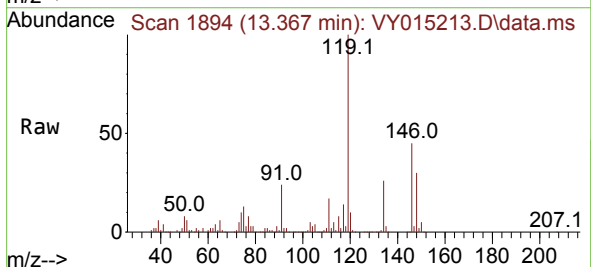
Tgt Ion:119 Resp: 179676

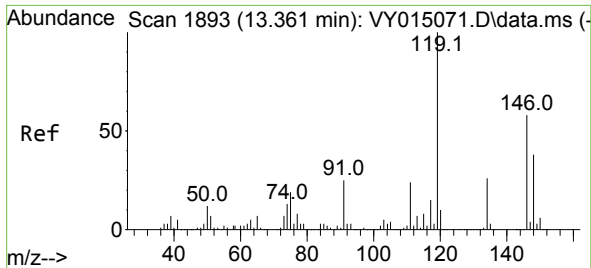
Ion Ratio Lower Upper

119 100

134 26.1 13.3 39.8

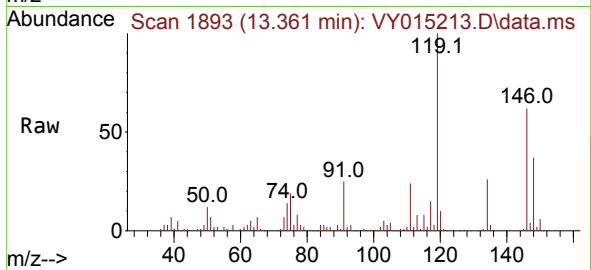
91 23.7 12.4 37.4



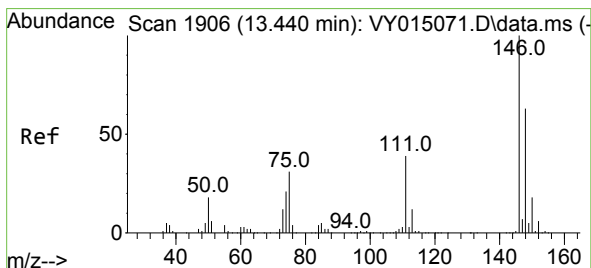
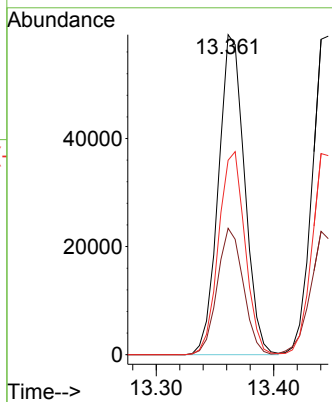
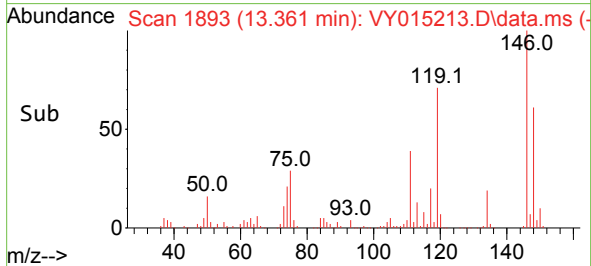


#87
 1,3-Dichlorobenzene
 Concen: 20.122 ug/l
 RT: 13.361 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY015213.D
 Acq: 21 Aug 2023 12:15

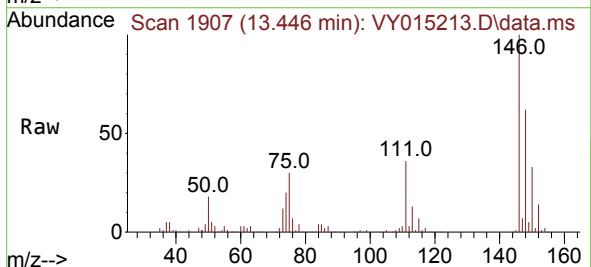
Instrument :
 MSVOA_Y
 ClientSampleId :



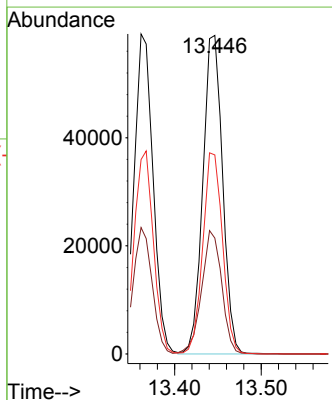
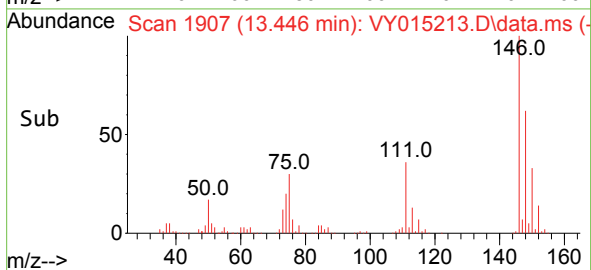
Tgt Ion:146 Resp: 91742
 Ion Ratio Lower Upper
 146 100
 111 39.2 19.4 58.2
 148 64.1 31.9 95.5

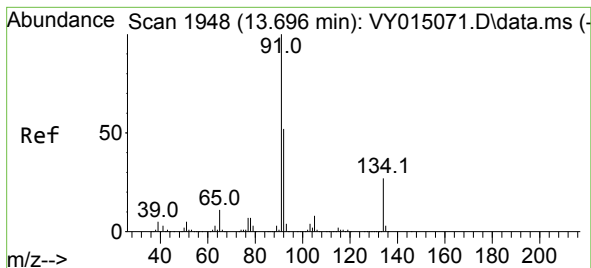


#88
 1,4-Dichlorobenzene
 Concen: 20.405 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015213.D
 Acq: 21 Aug 2023 12:15



Tgt Ion:146 Resp: 93310
 Ion Ratio Lower Upper
 146 100
 111 39.5 18.9 56.7
 148 63.2 32.1 96.5





#89

n-Butylbenzene

Concen: 20.305 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

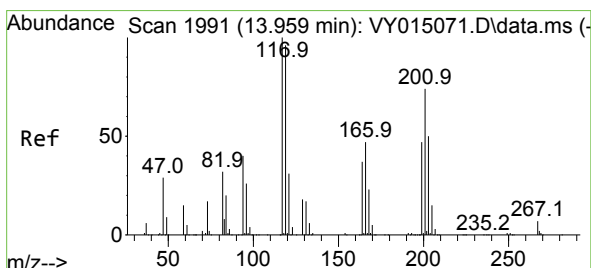
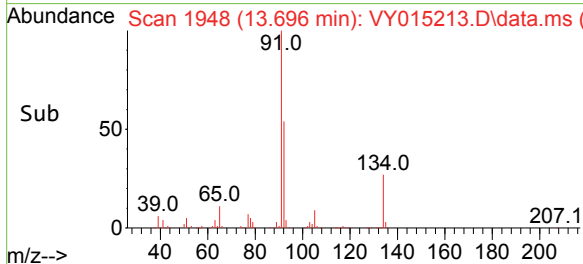
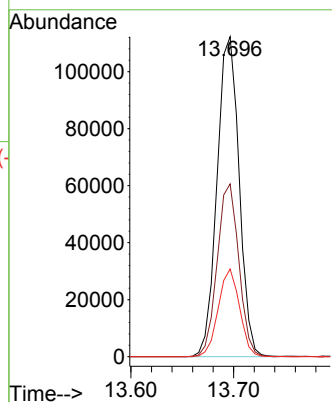
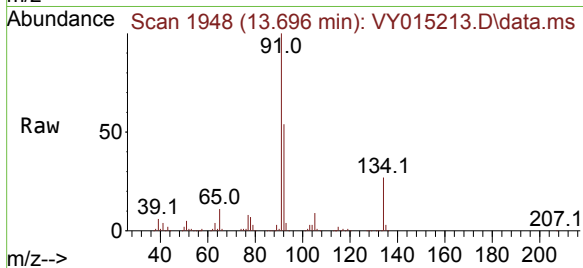
Tgt Ion: 91 Resp: 167215

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.5 12.6 37.6



#90

Hexachloroethane

Concen: 19.526 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY015213.D

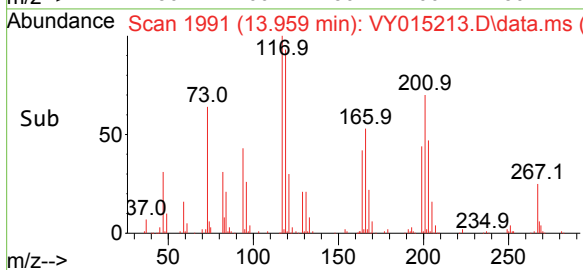
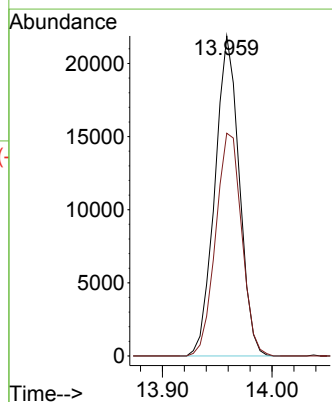
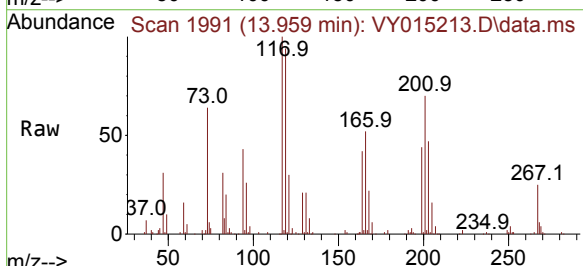
Acq: 21 Aug 2023 12:15

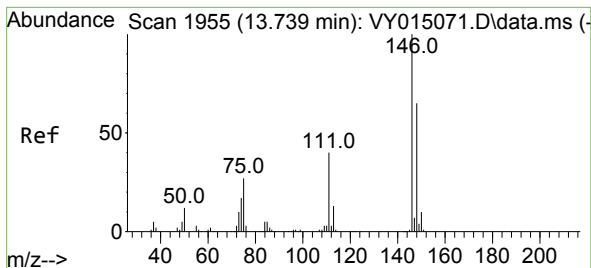
Tgt Ion: 117 Resp: 33833

Ion Ratio Lower Upper

117 100

201 74.4 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.142 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

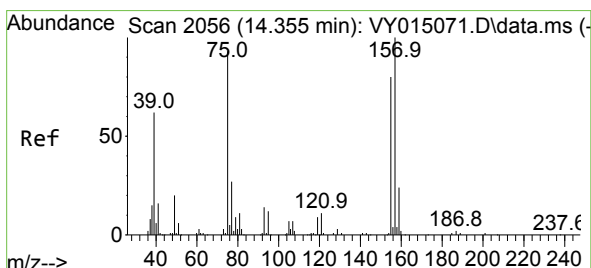
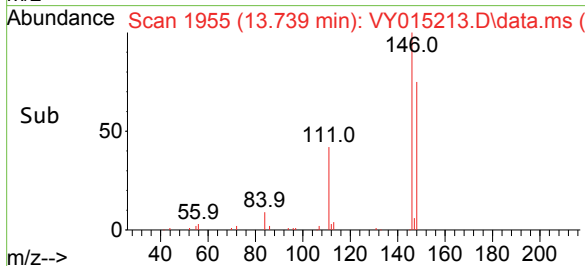
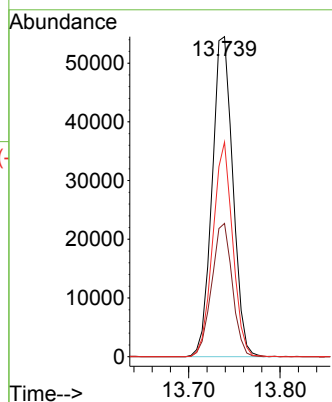
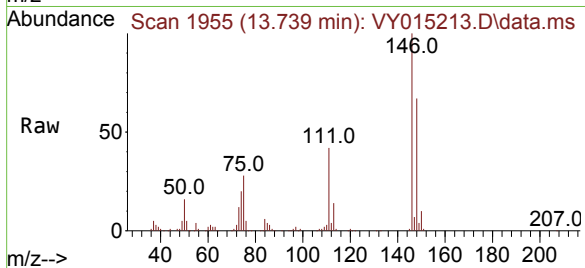
Tgt Ion:146 Resp: 85787

Ion Ratio Lower Upper

146 100

111 41.4 19.7 59.0

148 64.1 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 17.618 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

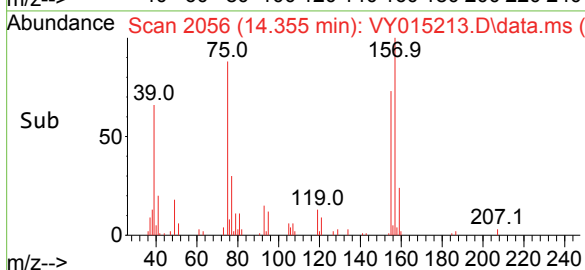
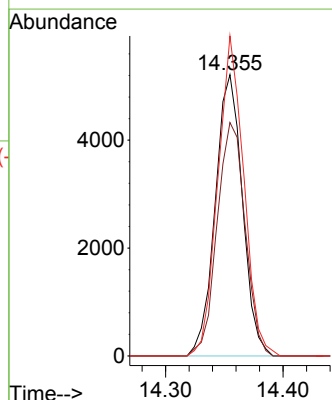
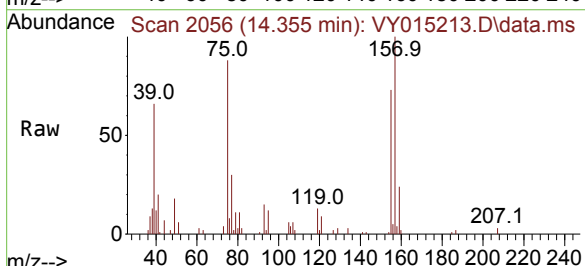
Tgt Ion: 75 Resp: 8382

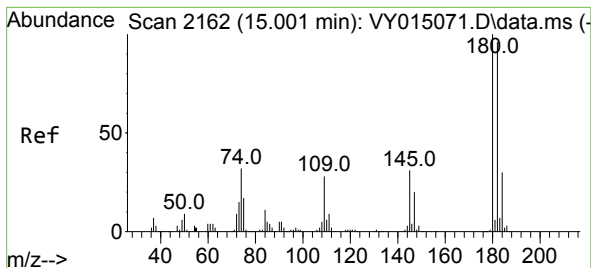
Ion Ratio Lower Upper

75 100

155 85.5 41.5 124.6

157 108.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.276 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

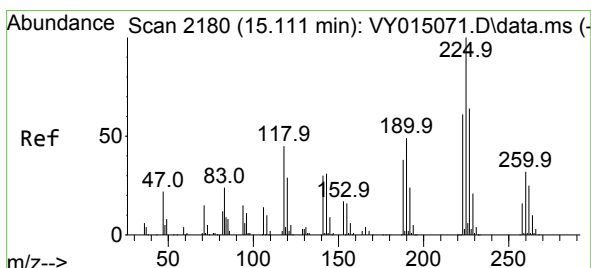
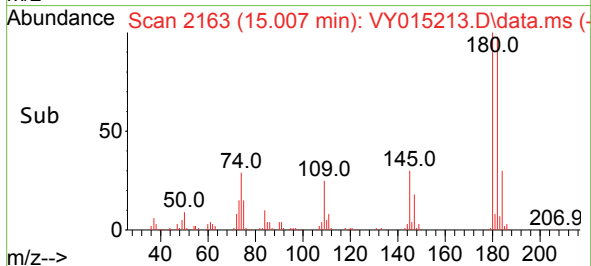
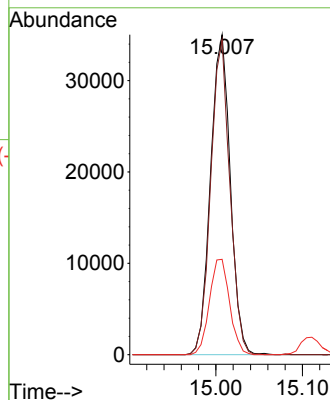
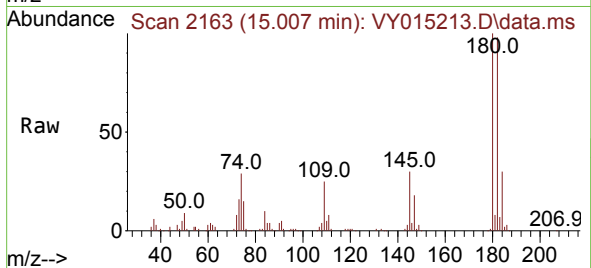
Tgt Ion:180 Resp: 55441

Ion Ratio Lower Upper

180 100

182 95.1 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.273 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

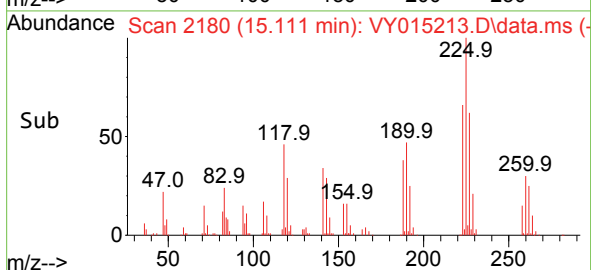
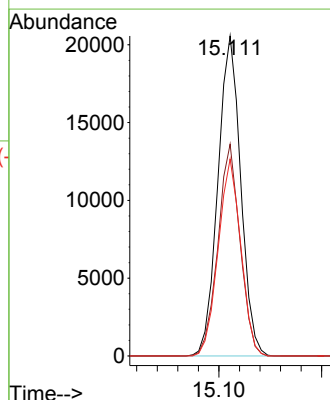
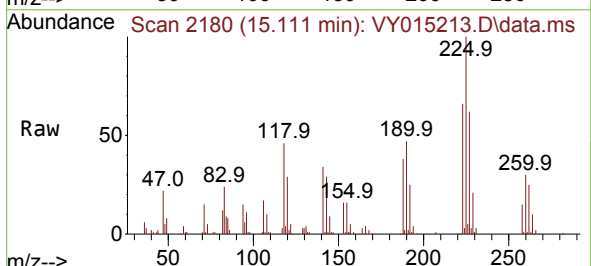
Tgt Ion:225 Resp: 31640

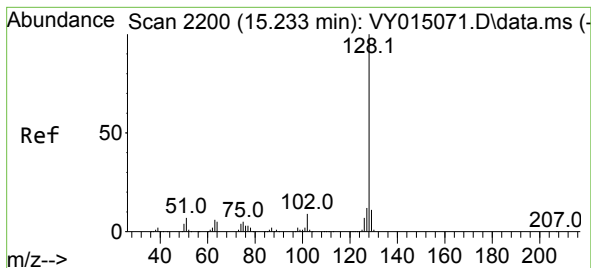
Ion Ratio Lower Upper

225 100

223 64.0 31.9 95.9

227 60.9 33.0 98.9





#95

Naphthalene

Concen: 17.921 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Instrument :

MSVOA_Y

ClientSampleId :

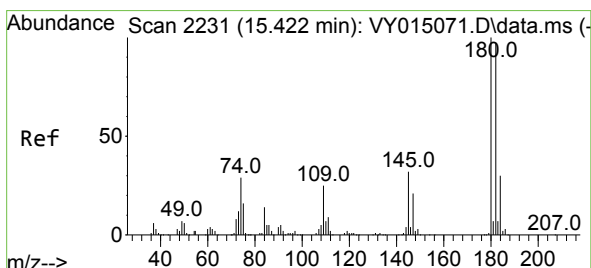
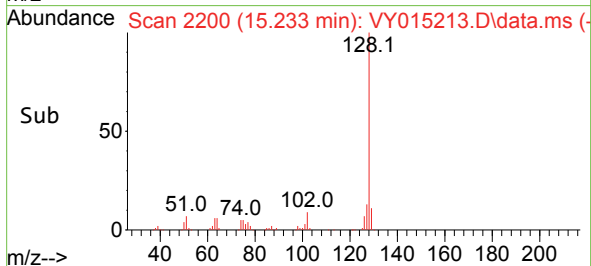
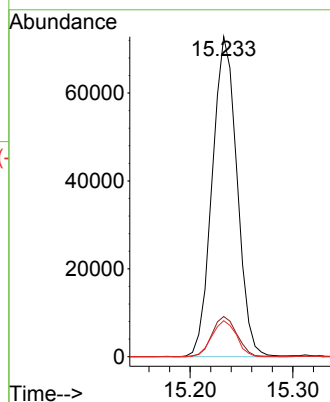
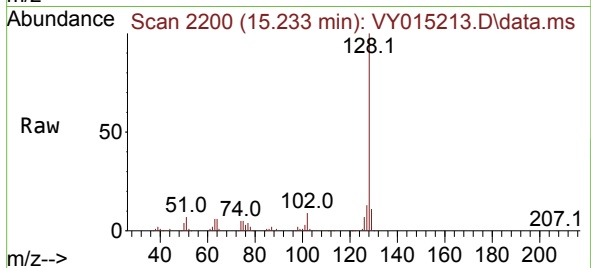
Tgt Ion:128 Resp: 122071

Ion Ratio Lower Upper

128 100

127 12.7 10.8 16.2

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 19.957 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015213.D

Acq: 21 Aug 2023 12:15

Tgt Ion:180 Resp: 49281

Ion Ratio Lower Upper

180 100

182 96.7 47.3 141.8

145 32.8 15.4 46.2

