

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082523\
 Data File : VY015356.D
 Acq On : 25 Aug 2023 20:35
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 25 23:48:22 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	146517	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	246586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	228380	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	121965	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112608	64.025	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.060%	
35) Dibromofluoromethane	7.716	113	98290	61.959	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 123.920%	
50) Toluene-d8	10.179	98	344754	58.380	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 116.760%	
62) 4-Bromofluorobenzene	12.483	95	129214	59.907	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 119.820%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27679	43.456	ug/l	99
3) Chloromethane	2.107	50	40129	45.519	ug/l	96
4) Vinyl Chloride	2.247	62	50985	43.731	ug/l	97
5) Bromomethane	2.631	94	47040	59.098	ug/l	99
6) Chloroethane	2.784	64	42329	50.007	ug/l	95
7) Trichlorofluoromethane	3.119	101	97573	49.668	ug/l	100
8) Diethyl Ether	3.528	74	40970	53.176	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	61073	50.021	ug/l	96
10) Methyl Iodide	4.082	142	48078	40.102	ug/l	99
11) Tert butyl alcohol	4.954	59	93259	327.059	ug/l #	87
12) 1,1-Dichloroethene	3.869	96	48575	47.645	ug/l	90
13) Acrolein	3.723	56	18171	139.057	ug/l	97
14) Allyl chloride	4.466	41	86210	47.693	ug/l	97
15) Acrylonitrile	5.155	53	154383	295.680	ug/l	98
16) Acetone	3.942	43	142296	247.656	ug/l	95
17) Carbon Disulfide	4.186	76	69658	38.823	ug/l	96
18) Methyl Acetate	4.473	43	125038	59.384	ug/l #	90
19) Methyl tert-butyl Ether	5.216	73	239965	55.355	ug/l	100
20) Methylene Chloride	4.710	84	95311	71.000	ug/l	92
21) trans-1,2-Dichloroethene	5.216	96	55746	48.475	ug/l	92
22) Diisopropyl ether	6.112	45	241388	53.518	ug/l	92
23) Vinyl Acetate	6.051	43	689967	256.368	ug/l	95
24) 1,1-Dichloroethane	6.009	63	128815	52.752	ug/l	96
25) 2-Butanone	6.978	43	227731	279.928	ug/l	93
26) 2,2-Dichloropropane	6.978	77	104985	44.598	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	82415	52.463	ug/l	94
28) Bromochloromethane	7.332	49	58403	52.058	ug/l	93
29) Tetrahydrofuran	7.344	42	140376	288.574	ug/l	91
30) Chloroform	7.502	83	150623	55.024	ug/l	97
31) Cyclohexane	7.777	56	74845	47.515	ug/l	92
32) 1,1,1-Trichloroethane	7.698	97	122644	52.651	ug/l	99
36) 1,1-Dichloropropene	7.917	75	85045	48.458	ug/l	100
37) Ethyl Acetate	7.070	43	88242	53.941	ug/l	96
38) Carbon Tetrachloride	7.899	117	102134	49.172	ug/l	98
39) Methylcyclohexane	9.179	83	88744	45.106	ug/l	93
40) Benzene	8.155	78	267730	50.457	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	129172	153.128	ug/l	# 29
42) 1,2-Dichloroethane	8.234	62	104604	54.282	ug/l	96
43) Isopropyl Acetate	8.271	43	159770	53.631	ug/l	98
44) Trichloroethene	8.935	130	78997	51.677	ug/l	98
45) 1,2-Dichloropropane	9.209	63	77719	51.943	ug/l	100
46) Dibromomethane	9.301	93	50939	53.979	ug/l	97
47) Bromodichloromethane	9.496	83	124049	55.087	ug/l	98
48) Methyl methacrylate	9.289	41	72025	56.518	ug/l	95
49) 1,4-Dioxane	9.295	88	22147	1173.634	ug/l	# 53
51) 4-Methyl-2-Pentanone	10.069	43	505983	293.060	ug/l	94
52) Toluene	10.240	92	177537	50.764	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	119648	50.557	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	126664	50.820	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	78564	54.753	ug/l	97
56) Ethyl methacrylate	10.508	69	114877	54.705	ug/l	90
57) 1,3-Dichloropropane	10.788	76	128740	54.917	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	258516	264.530	ug/l	94
59) 2-Hexanone	10.831	43	370656	290.066	ug/l	93
60) Dibromochloromethane	10.984	129	94923	55.458	ug/l	100
61) 1,2-Dibromoethane	11.087	107	72989	53.546	ug/l	100
64) Tetrachloroethene	10.721	164	89449	56.218	ug/l	96
65) Chlorobenzene	11.514	112	210566	50.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	90557	53.635	ug/l	99
67) Ethyl Benzene	11.593	91	357182	48.992	ug/l	98
68) m/p-Xylenes	11.703	106	271916	98.200	ug/l	95
69) o-Xylene	12.026	106	137758	49.940	ug/l	100
70) Styrene	12.044	104	244326	51.176	ug/l	98
71) Bromoform	12.209	173	65205	53.275	ug/l	# 99
73) Isopropylbenzene	12.331	105	371901	47.420	ug/l	99
74) N-amyl acetate	12.142	43	139083	49.118	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	105337	51.570	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	134883	91.027	ug/l	# 100
77) Bromobenzene	12.605	156	93600	48.962	ug/l	96
78) n-propylbenzene	12.672	91	442354	47.498	ug/l	99
79) 2-Chlorotoluene	12.758	91	260775	48.538	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	315992	48.335	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	31035	46.004	ug/l	99
82) 4-Chlorotoluene	12.855	91	273199	49.220	ug/l	100
83) tert-Butylbenzene	13.075	119	286526	47.917	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	318530	48.760	ug/l	99
85) sec-Butylbenzene	13.251	105	426239	48.649	ug/l	99
86) p-Isopropyltoluene	13.367	119	354823	48.847	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	187038	49.328	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	186601	49.065	ug/l	99
89) n-Butylbenzene	13.696	91	329079	48.048	ug/l	97
90) Hexachloroethane	13.959	117	67570	46.889	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	180048	50.830	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	20793	52.549	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	111703	49.120	ug/l	98
94) Hexachlorobutadiene	15.111	225	59479	48.084	ug/l	99
95) Naphthalene	15.233	128	297013	52.431	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	104905	51.080	ug/l	99

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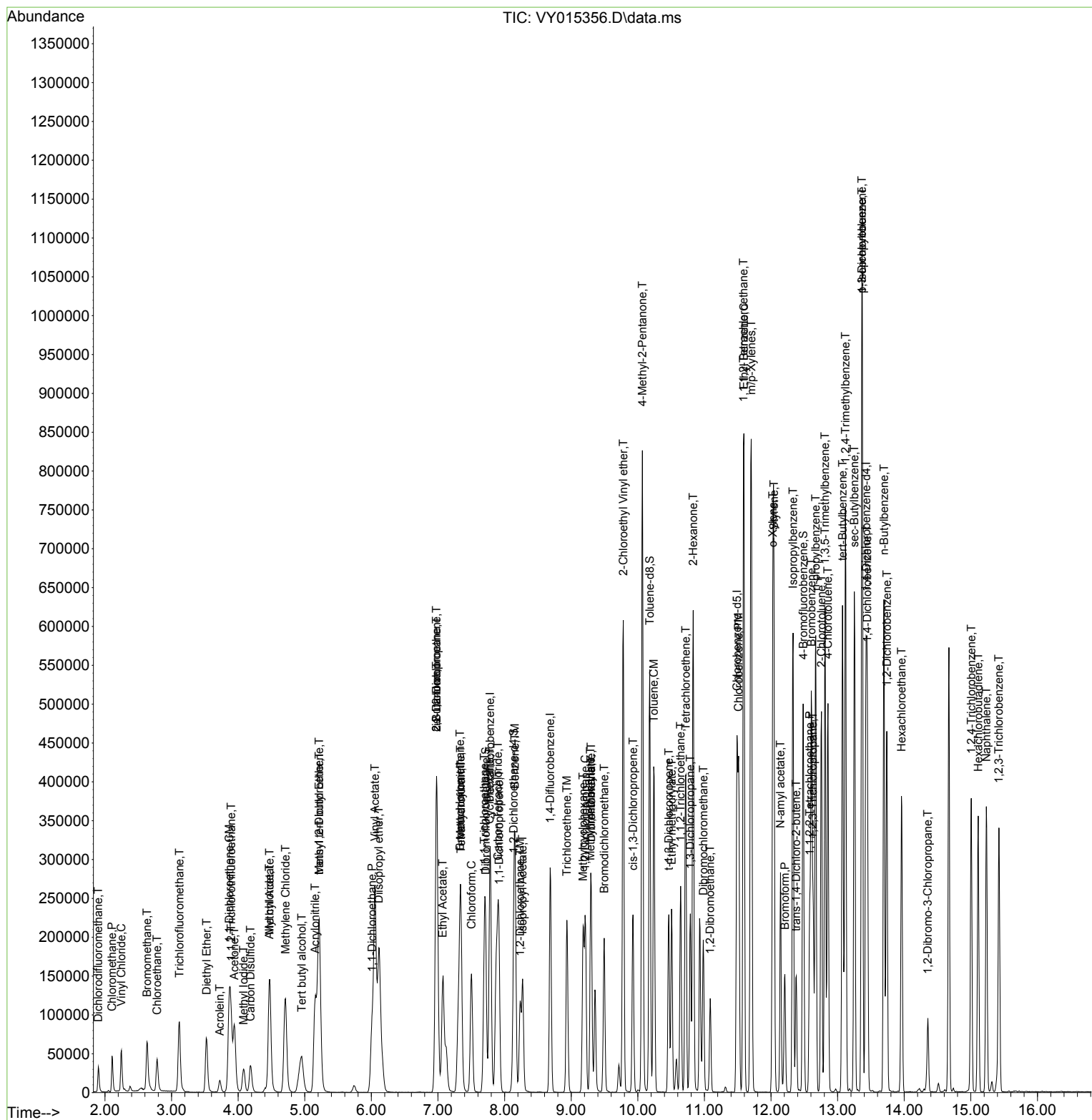
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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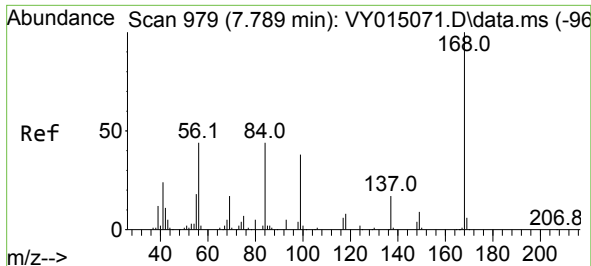
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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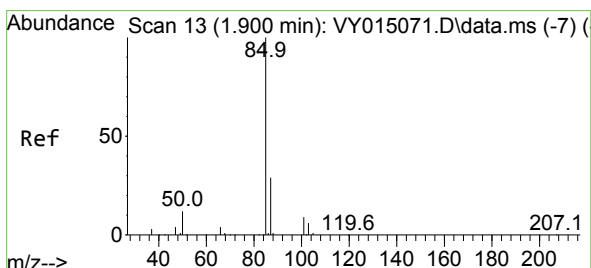
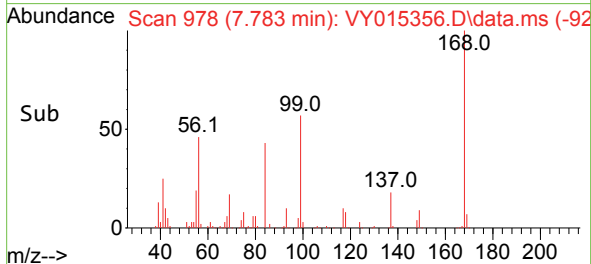
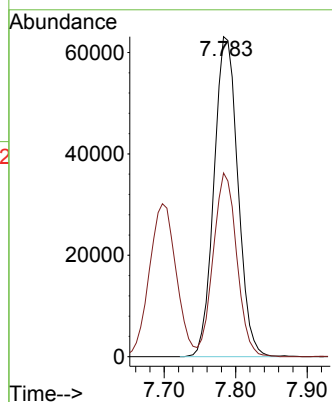
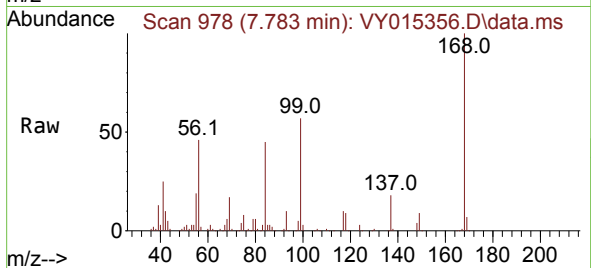




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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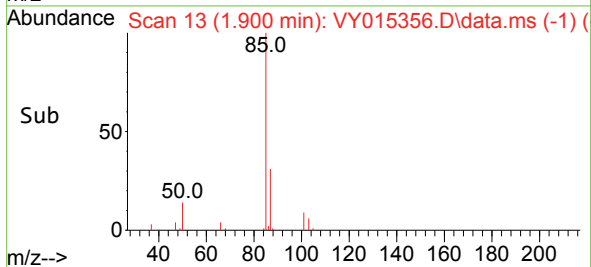
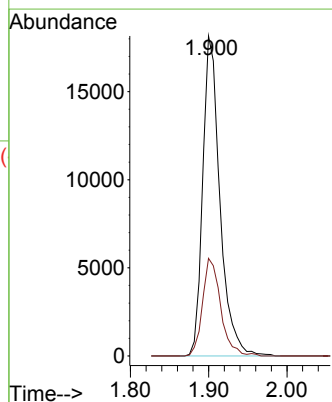
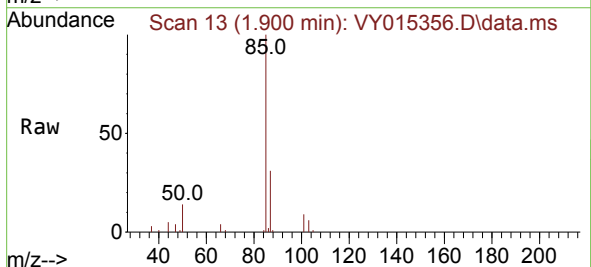
Instrument :
MSVOA_Y
ClientSampleId :

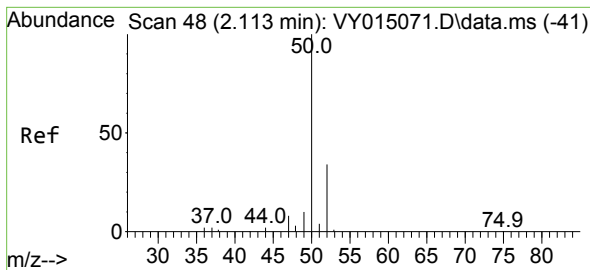
Tgt Ion:168 Resp: 146517
Ion Ratio Lower Upper
168 100
99 57.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 43.456 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 85 Resp: 27679
Ion Ratio Lower Upper
85 100
87 30.5 15.6 46.8





#3

Chloromethane

Concen: 45.519 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

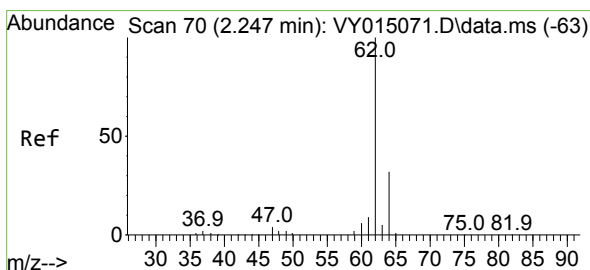
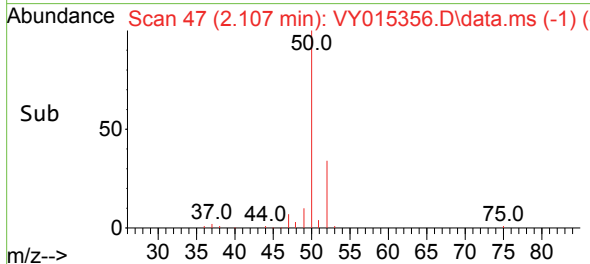
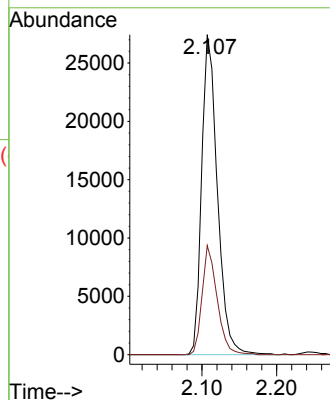
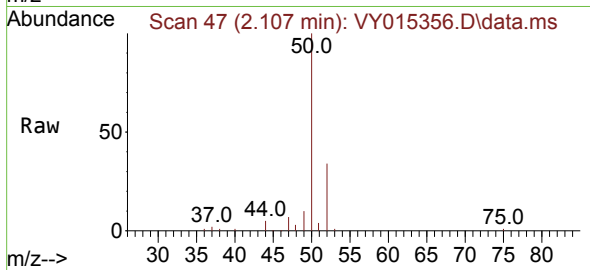
ClientSampleId :

Tgt Ion: 50 Resp: 40129

Ion Ratio Lower Upper

50 100

52 34.1 25.4 38.2



#4

Vinyl Chloride

Concen: 43.731 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.000 min

Lab File: VY015356.D

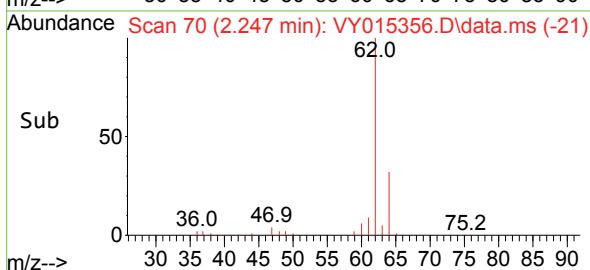
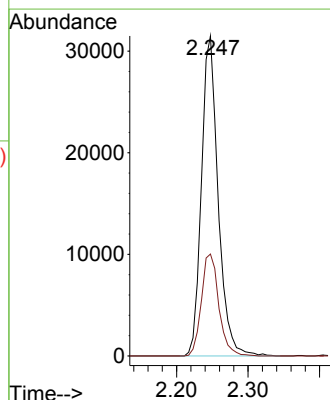
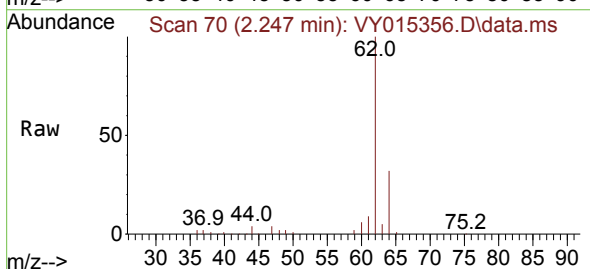
Acq: 25 Aug 2023 20:35

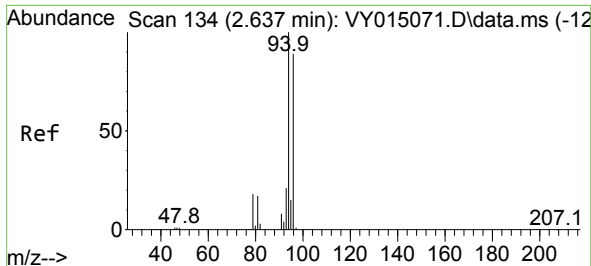
Tgt Ion: 62 Resp: 50985

Ion Ratio Lower Upper

62 100

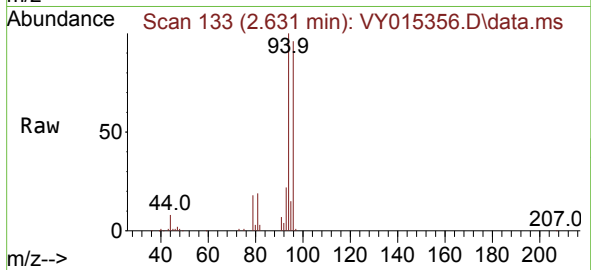
64 31.9 24.3 36.5



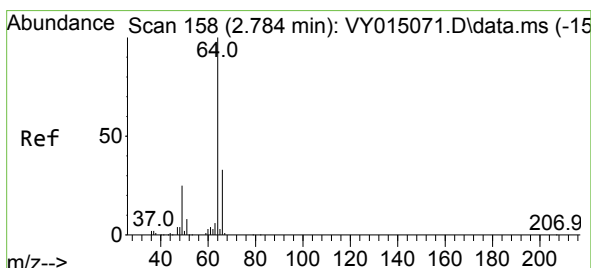
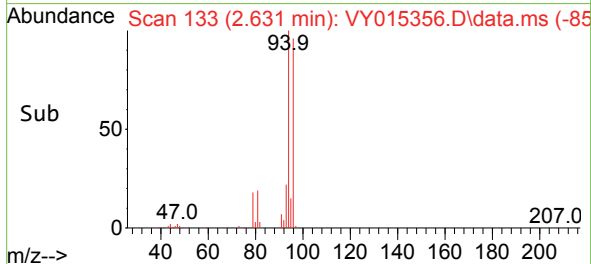
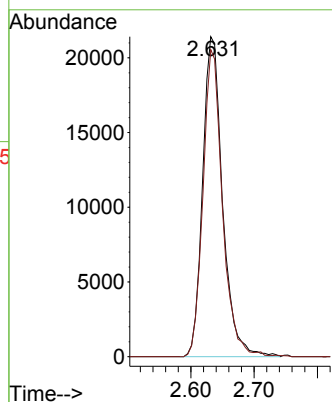


#5
Bromomethane
Concen: 59.098 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

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ClientSampleId :

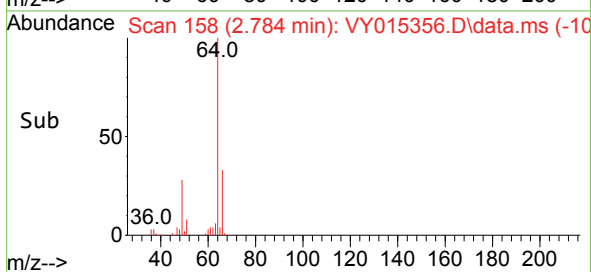
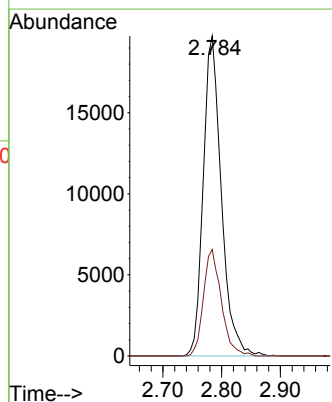
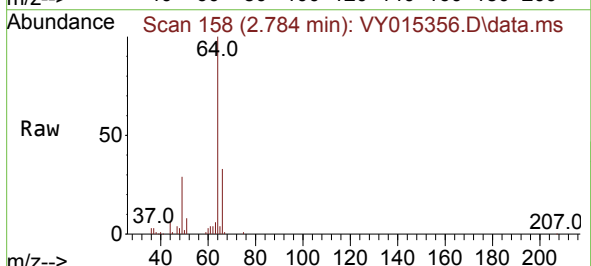


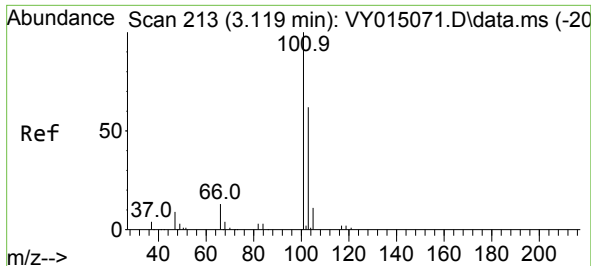
Tgt Ion: 94 Resp: 47040
Ion Ratio Lower Upper
94 100
96 96.0 75.8 113.6



#6
Chloroethane
Concen: 50.007 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 64 Resp: 42329
Ion Ratio Lower Upper
64 100
66 33.2 24.4 36.6

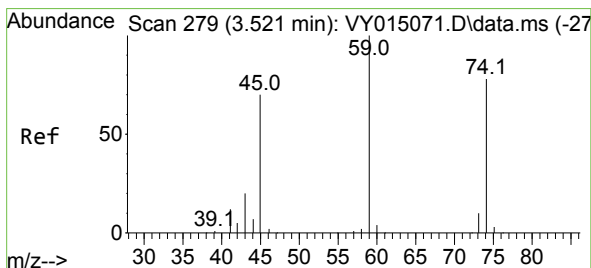
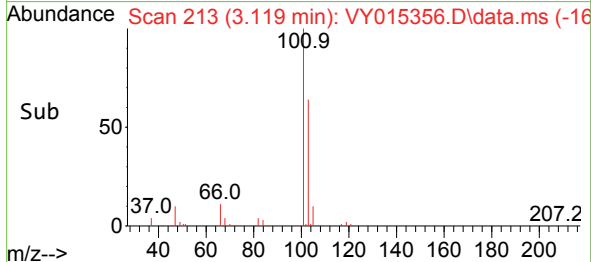
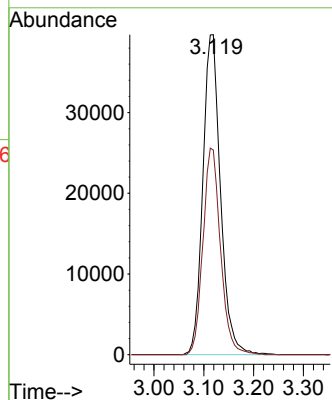
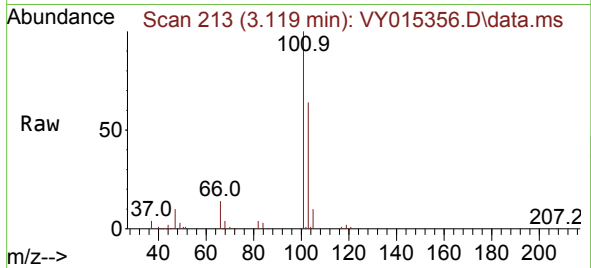




#7
Trichlorofluoromethane
Concen: 49.668 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

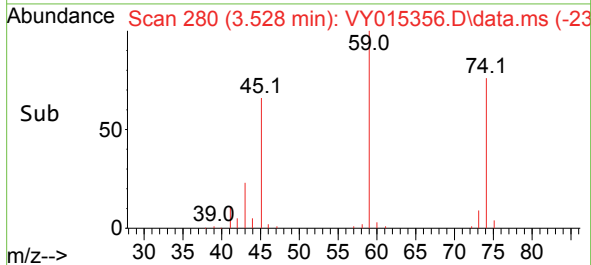
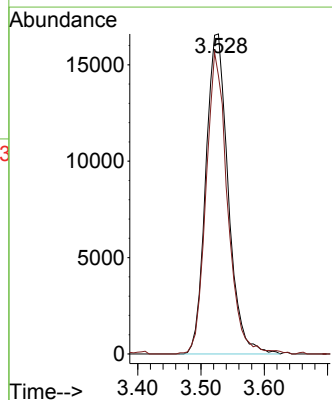
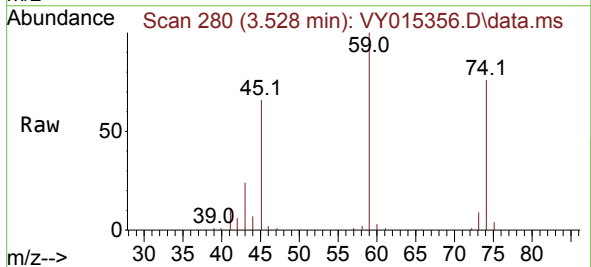
Instrument :
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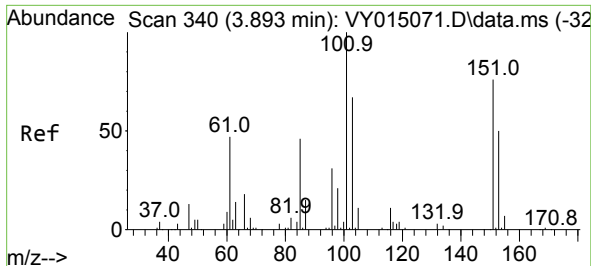
Tgt Ion:101 Resp: 97573
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.0



#8
Diethyl Ether
Concen: 53.176 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 74 Resp: 40970
Ion Ratio Lower Upper
74 100
45 90.4 51.5 154.5

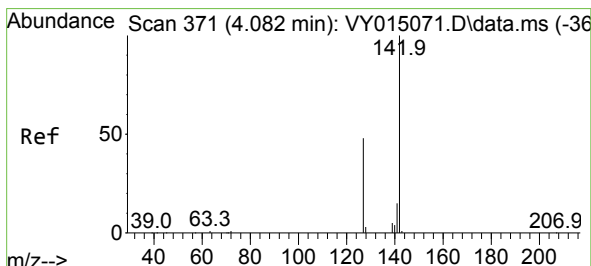
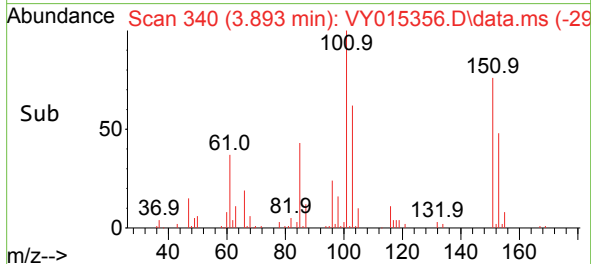
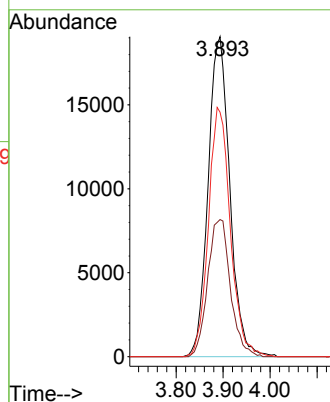
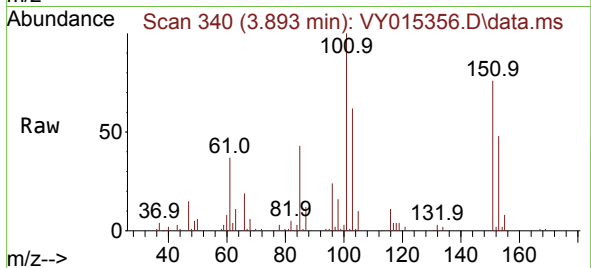




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.021 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

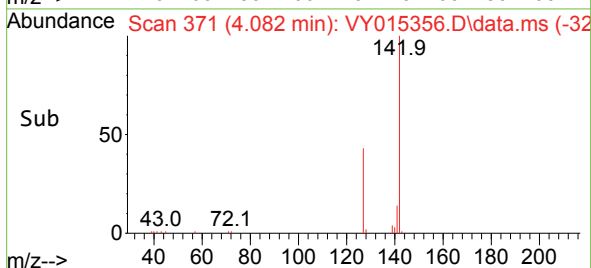
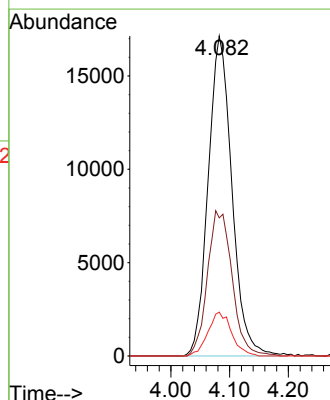
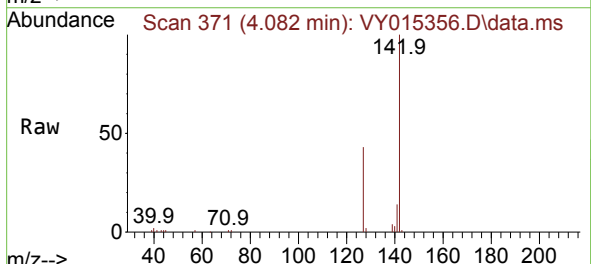
Instrument :
MSVOA_Y
ClientSampleId :

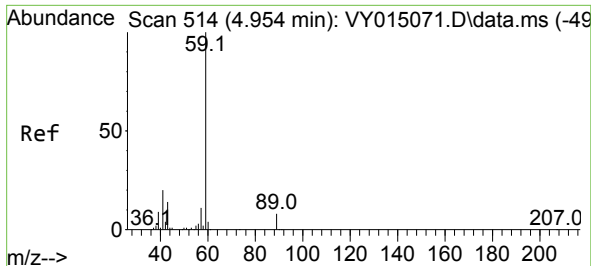
Tgt Ion:101 Resp: 61073
Ion Ratio Lower Upper
101 100
85 44.8 36.6 55.0
151 78.7 67.0 100.6



#10
Methyl Iodide
Concen: 40.102 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion:142 Resp: 48078
Ion Ratio Lower Upper
142 100
127 47.2 37.6 56.4
141 13.7 11.8 17.8

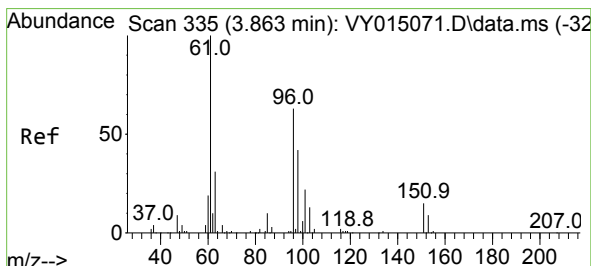
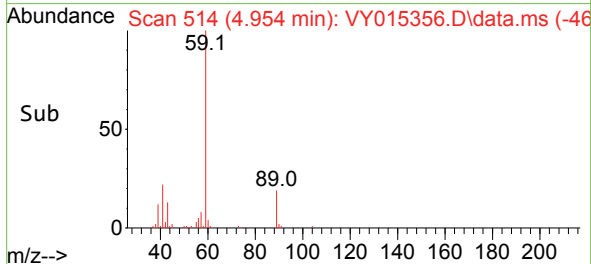
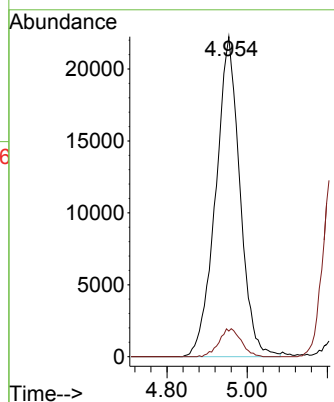
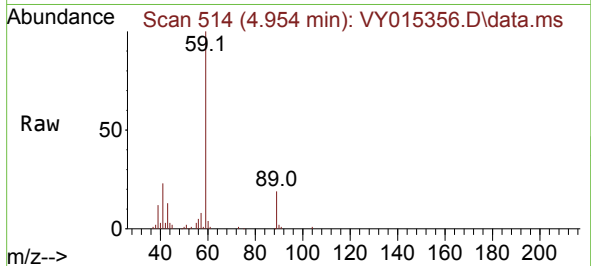




#11
Tert butyl alcohol
Concen: 327.059 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

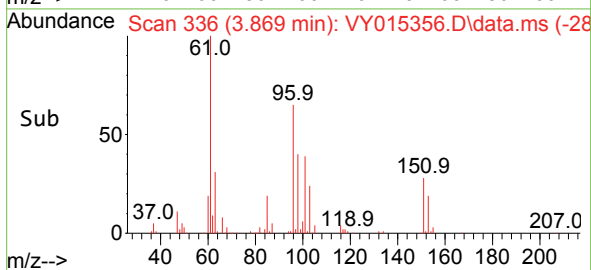
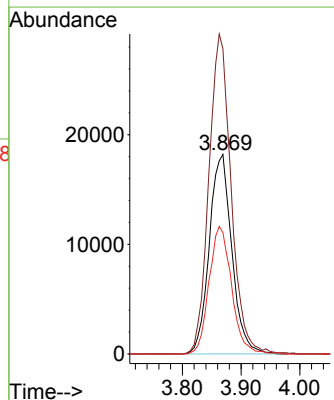
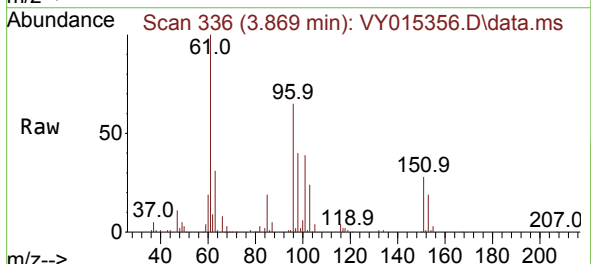
Instrument :
MSVOA_Y
ClientSampleId :

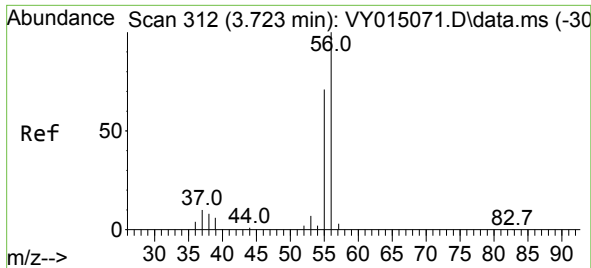
Tgt Ion: 59 Resp: 93259
Ion Ratio Lower Upper
59 100
57 8.0 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.645 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 96 Resp: 48575
Ion Ratio Lower Upper
96 100
61 153.0 136.4 204.6
98 60.8 49.4 74.2

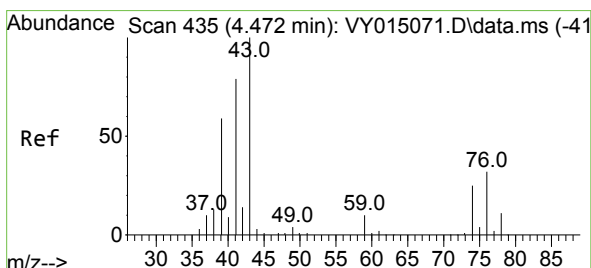
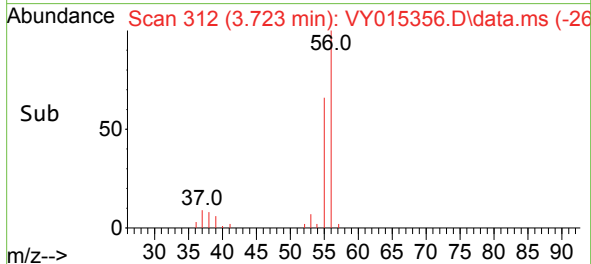
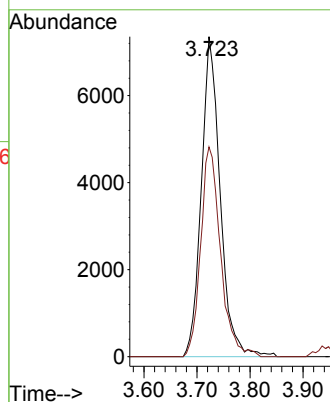
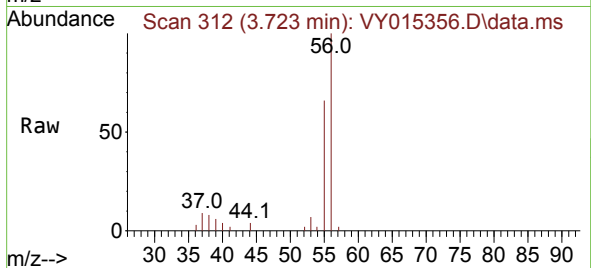




#13
Acrolein
Concen: 139.057 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

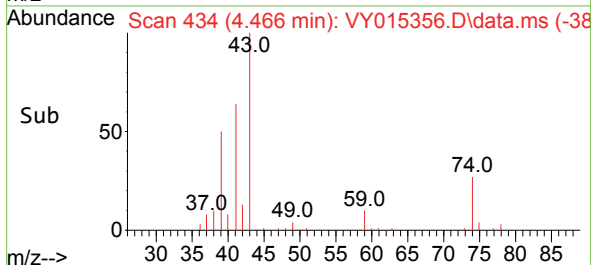
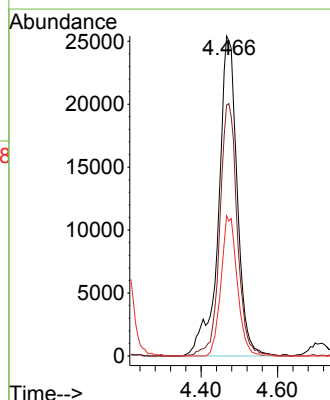
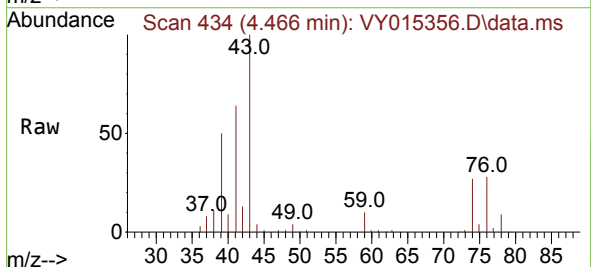
Instrument :
MSVOA_Y
ClientSampleId :

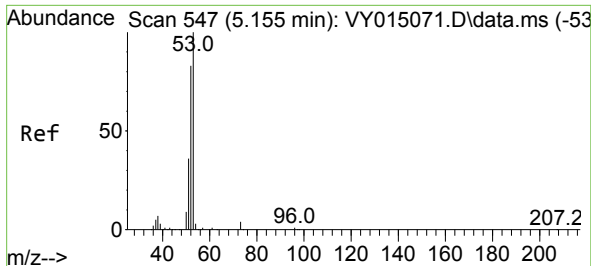
Tgt Ion: 56 Resp: 18171
Ion Ratio Lower Upper
56 100
55 68.8 57.0 85.4



#14
Allyl chloride
Concen: 47.693 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

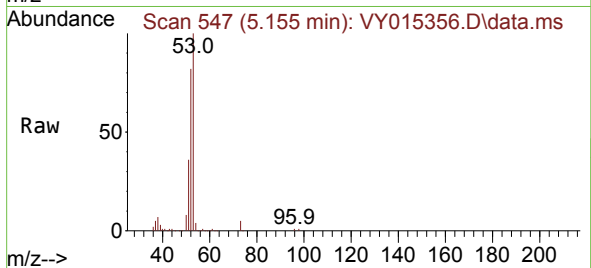
Tgt Ion: 41 Resp: 86210
Ion Ratio Lower Upper
41 100
39 73.7 58.0 87.0
76 38.2 27.4 41.2



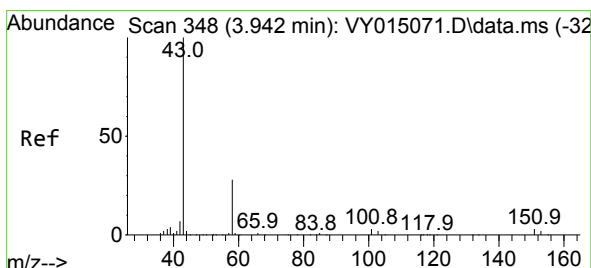
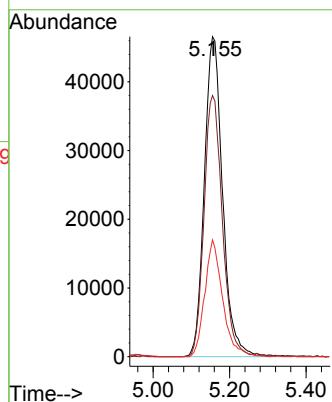
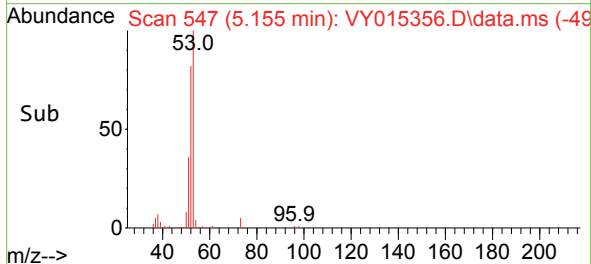


#15
Acrylonitrile
Concen: 295.680 ug/l
RT: 5.155 min Scan# 547
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Instrument :
MSVOA_Y
ClientSampleId :

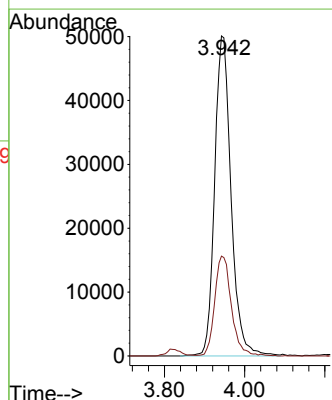
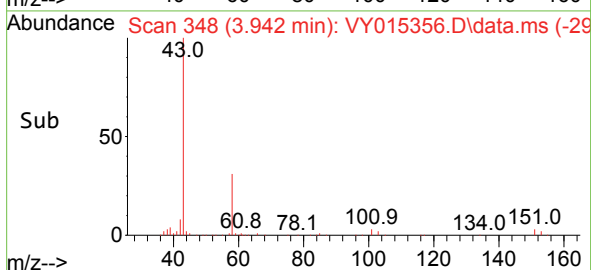
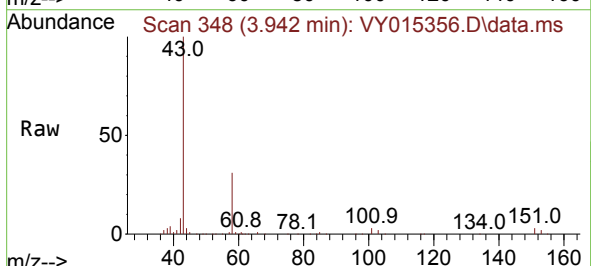


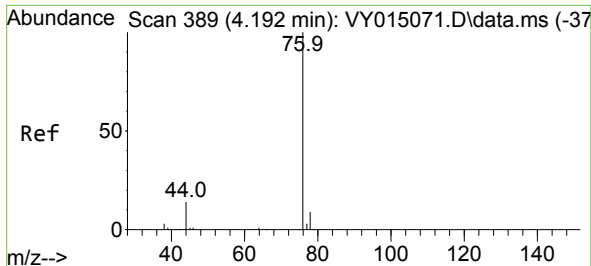
Tgt Ion: 53 Resp: 154383
Ion Ratio Lower Upper
53 100
52 81.8 66.9 100.3
51 35.8 29.8 44.6



#16
Acetone
Concen: 247.656 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 43 Resp: 142296
Ion Ratio Lower Upper
43 100
58 31.2 22.7 34.1





#17

Carbon Disulfide

Concen: 38.823 ug/l

RT: 4.186 min Scan# 388

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

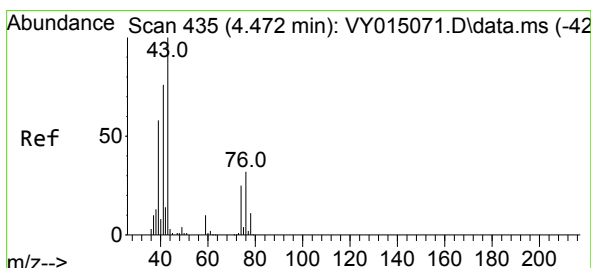
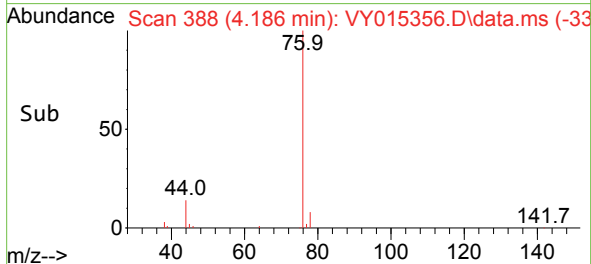
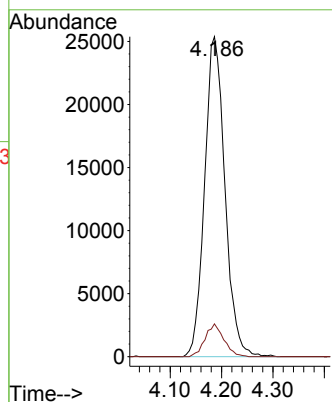
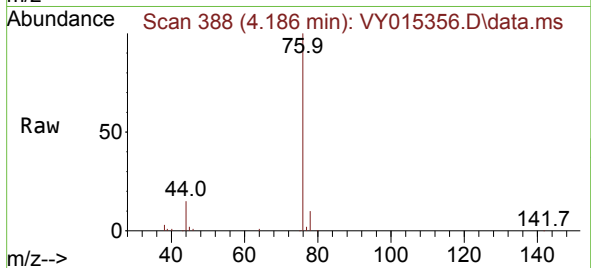
ClientSampleId :

Tgt Ion: 76 Resp: 69658

Ion Ratio Lower Upper

76 100

78 10.2 7.0 10.4



#18

Methyl Acetate

Concen: 59.384 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.006 min

Lab File: VY015356.D

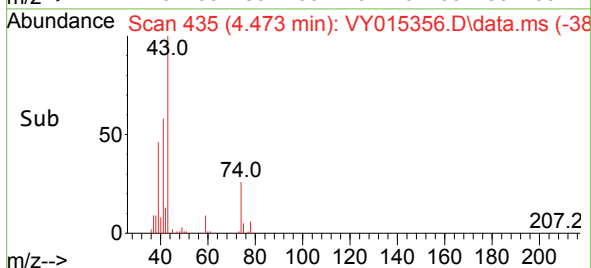
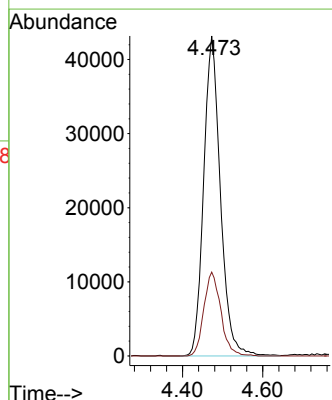
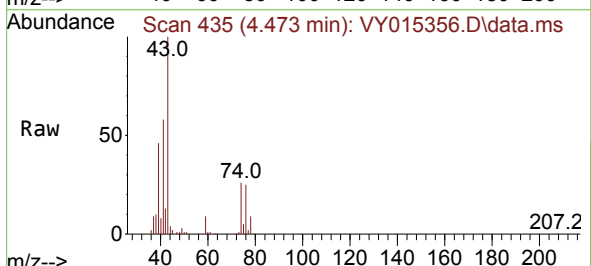
Acq: 25 Aug 2023 20:35

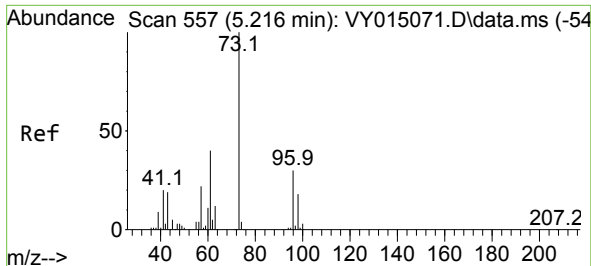
Tgt Ion: 43 Resp: 125038

Ion Ratio Lower Upper

43 100

74 26.7 17.4 26.0#

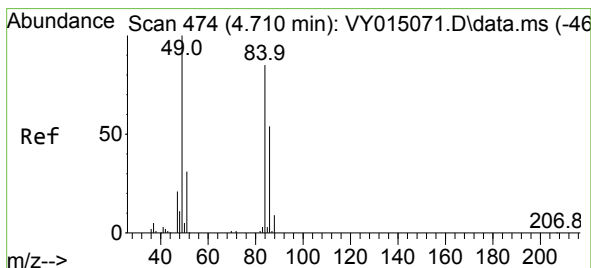
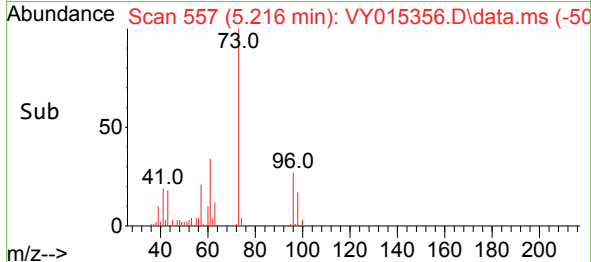
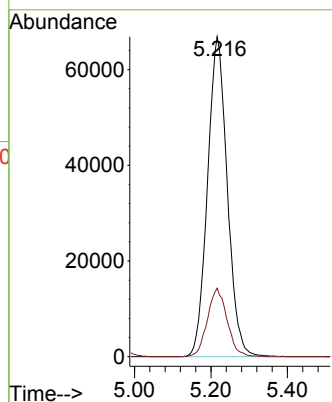
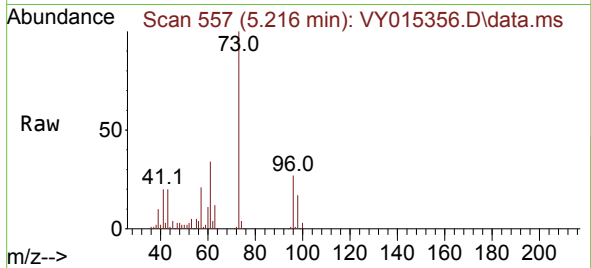




#19
Methyl tert-butyl Ether
Concen: 55.355 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

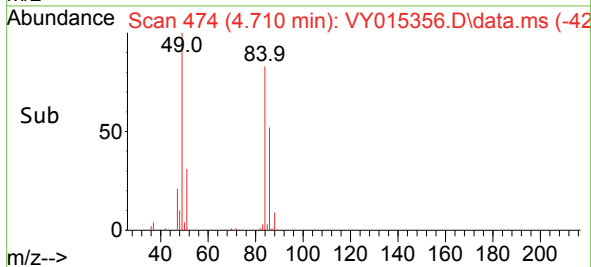
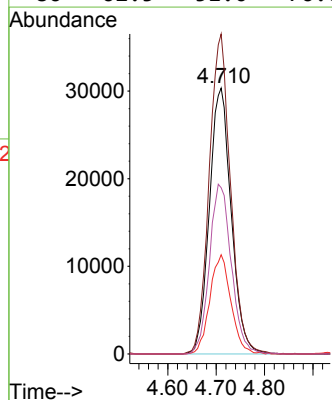
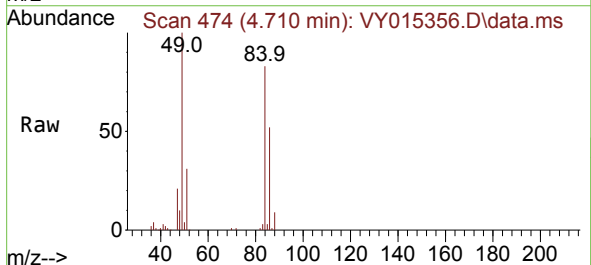
Instrument :
MSVOA_Y
ClientSampleId :

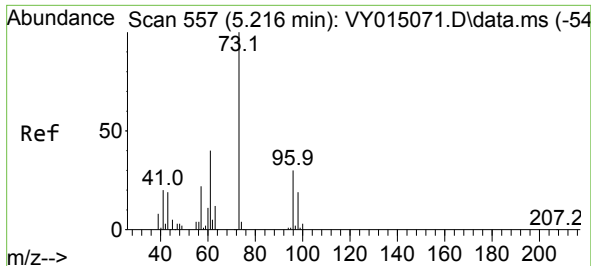
Tgt Ion: 73 Resp: 239965
Ion Ratio Lower Upper
73 100
57 21.4 17.3 25.9



#20
Methylene Chloride
Concen: 71.000 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

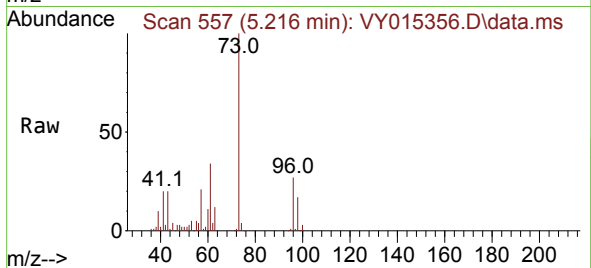
Tgt Ion: 84 Resp: 95311
Ion Ratio Lower Upper
84 100
49 120.3 106.9 160.3
51 37.3 33.2 49.8
86 62.5 51.0 76.6



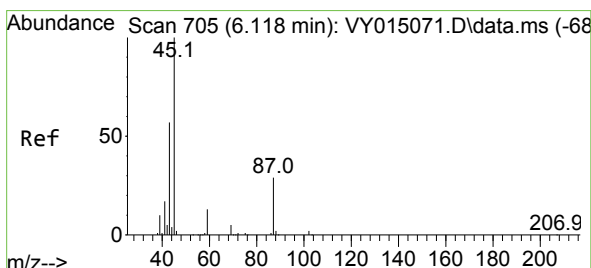
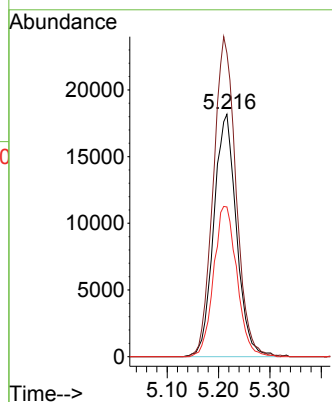
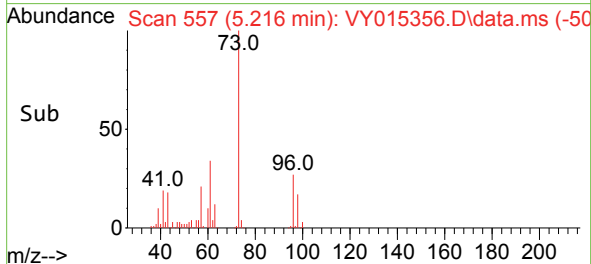


#21
trans-1,2-Dichloroethene
Concen: 48.475 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

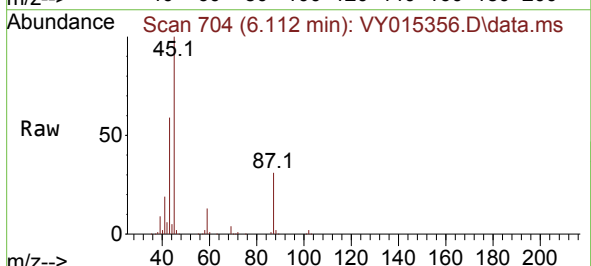
Instrument :
MSVOA_Y
ClientSampleId :



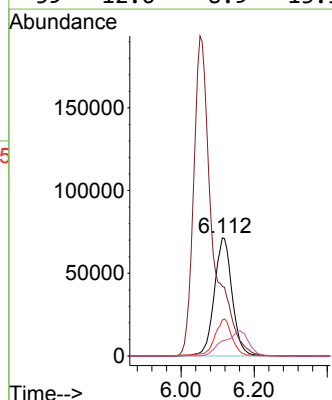
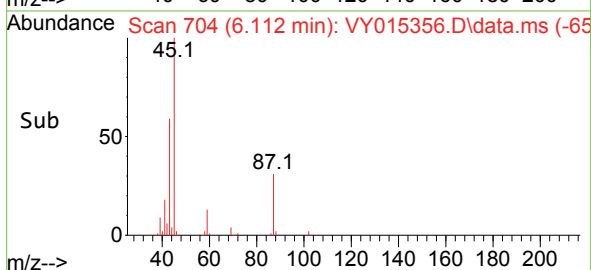
Tgt Ion: 96 Resp: 55746
Ion Ratio Lower Upper
96 100
61 125.2 110.2 165.4
98 61.8 51.8 77.6

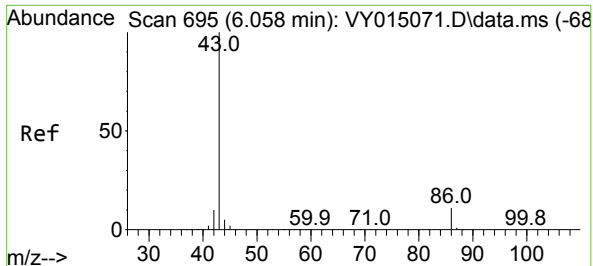


#22
Diisopropyl ether
Concen: 53.518 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35



Tgt Ion: 45 Resp: 241388
Ion Ratio Lower Upper
45 100
43 58.7 52.2 78.4
87 30.5 21.0 31.6
59 12.6 8.9 13.3

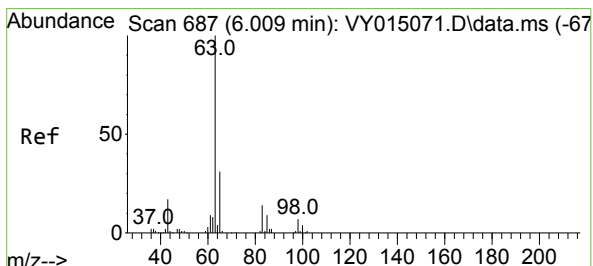
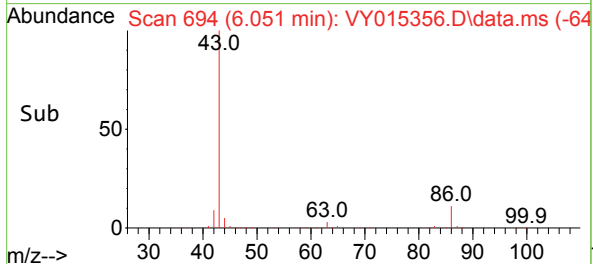
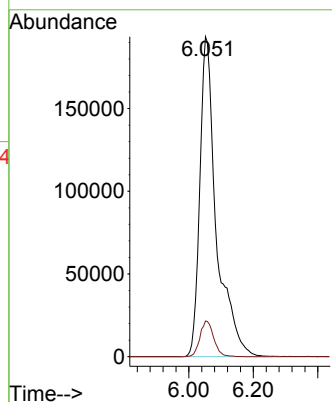
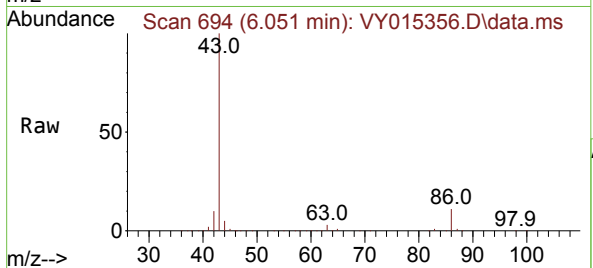




#23
 Vinyl Acetate
 Concen: 256.368 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY015356.D
 Acq: 25 Aug 2023 20:35

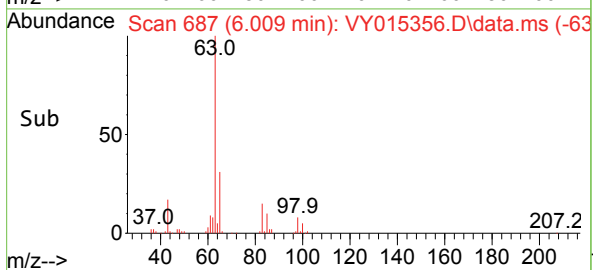
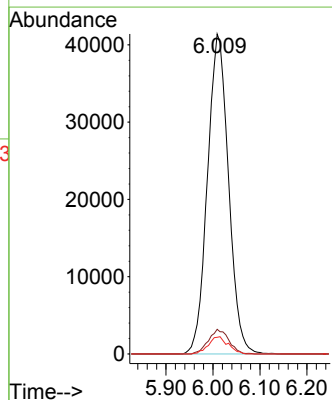
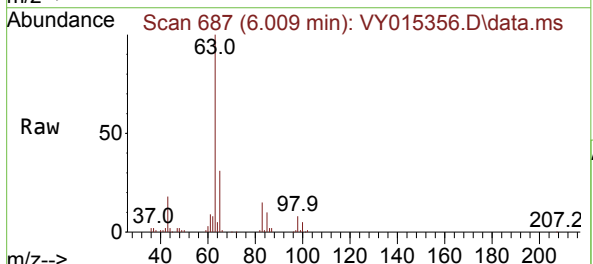
Instrument :
 MSVOA_Y
 ClientSampleId :

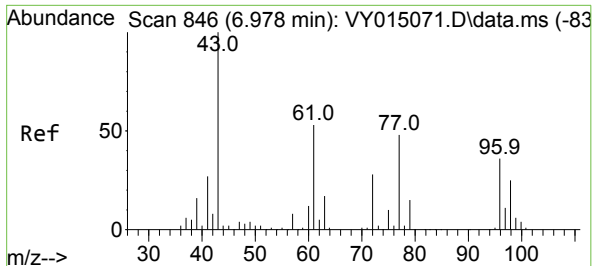
Tgt Ion: 43 Resp: 689967
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 52.752 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY015356.D
 Acq: 25 Aug 2023 20:35

Tgt Ion: 63 Resp: 128815
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 279.928 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

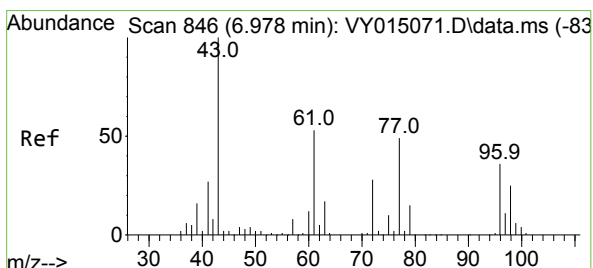
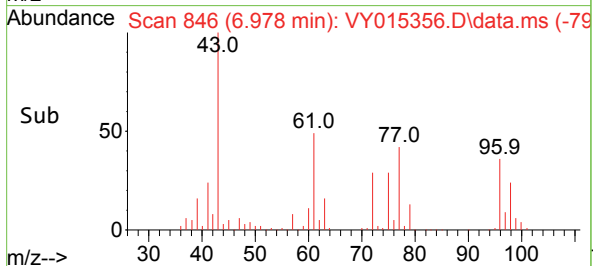
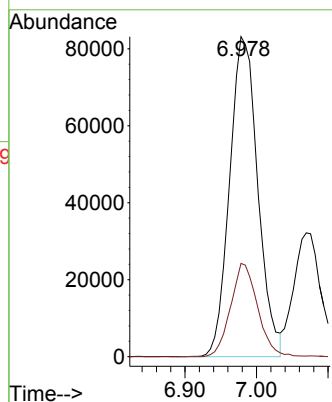
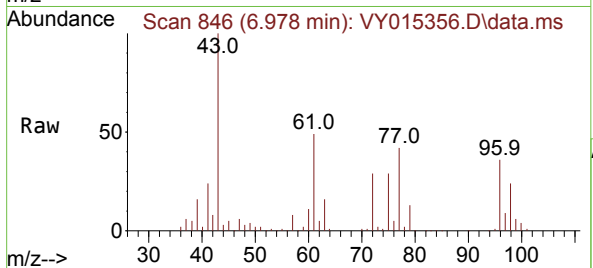
ClientSampleId :

Tgt Ion: 43 Resp: 227731

Ion Ratio Lower Upper

43 100

72 29.1 20.5 30.7



#26

2,2-Dichloropropane

Concen: 44.598 ug/l

RT: 6.978 min Scan# 846

Delta R.T. 0.006 min

Lab File: VY015356.D

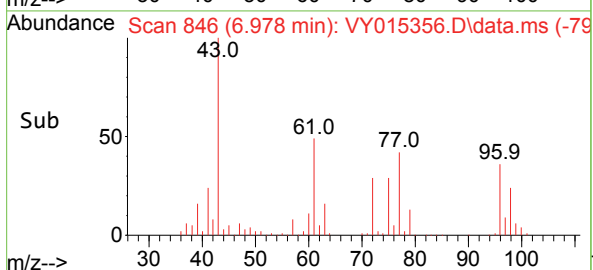
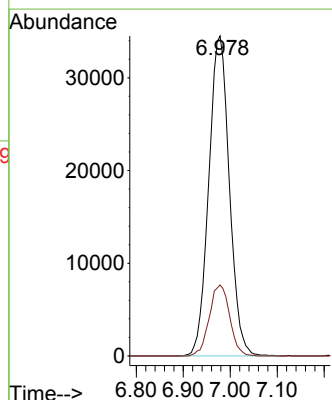
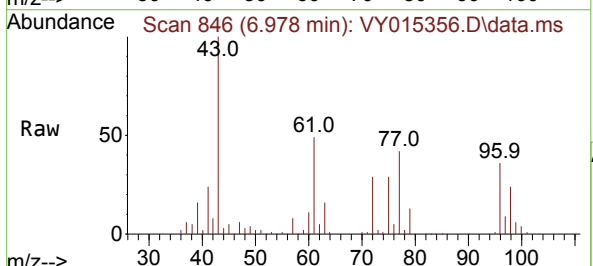
Acq: 25 Aug 2023 20:35

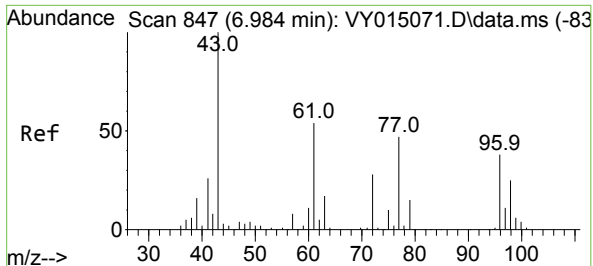
Tgt Ion: 77 Resp: 104985

Ion Ratio Lower Upper

77 100

97 22.0 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 52.463 ug/l

RT: 6.978 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

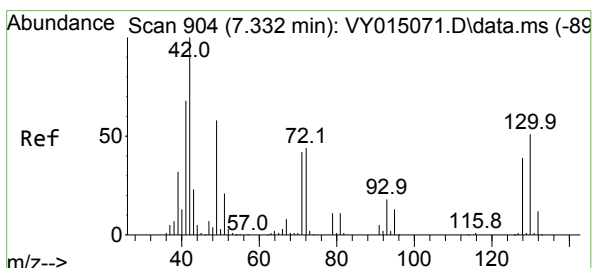
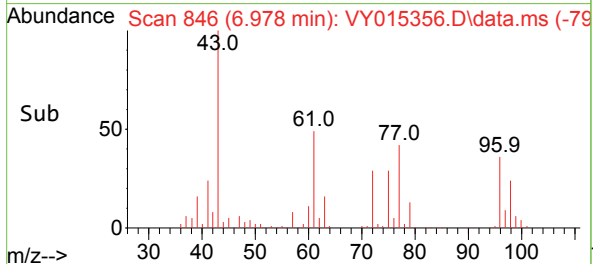
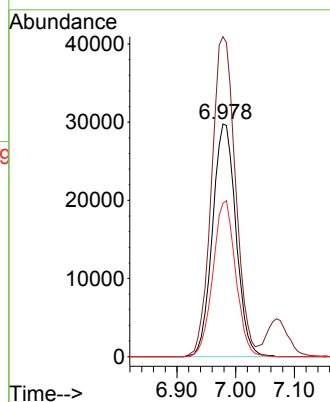
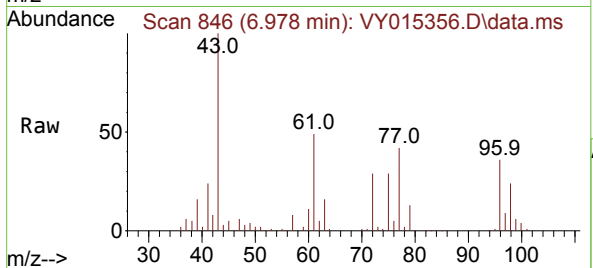
Tgt Ion: 96 Resp: 82415

Ion Ratio Lower Upper

96 100

61 140.1 0.0 301.4

98 65.0 0.0 130.4



#28

Bromochloromethane

Concen: 52.058 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

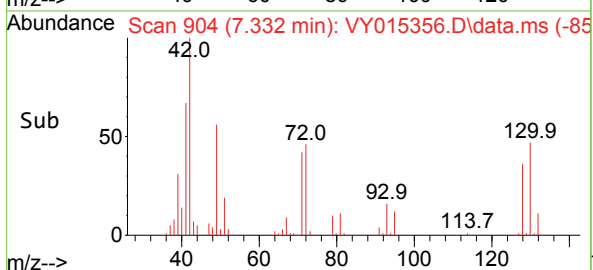
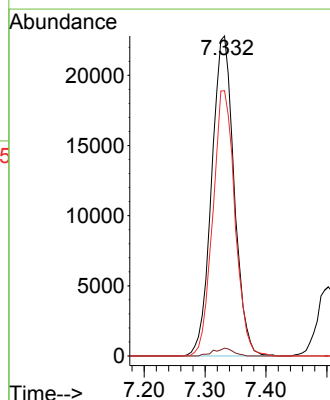
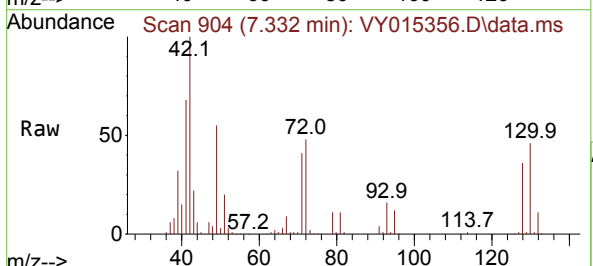
Tgt Ion: 49 Resp: 58403

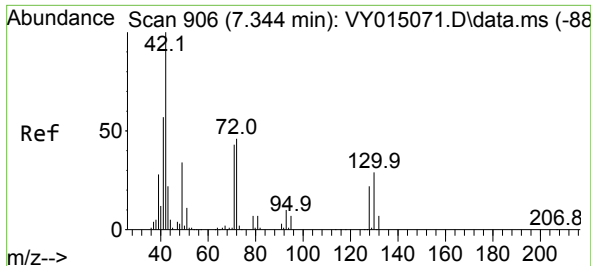
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.6

130 81.6 60.7 91.1





#29

Tetrahydrofuran

Concen: 288.574 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

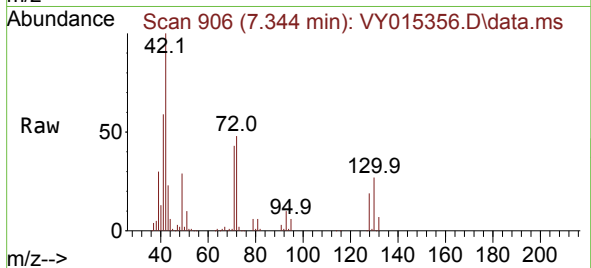
Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :



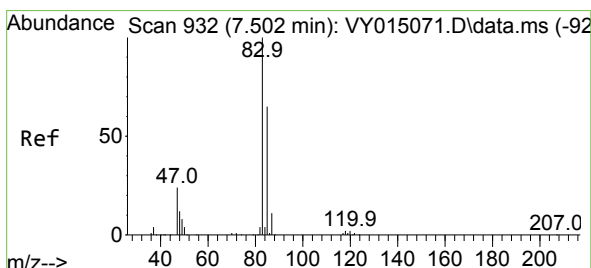
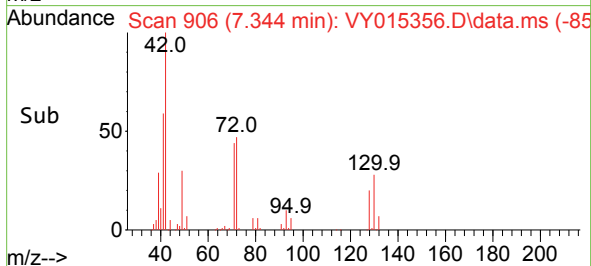
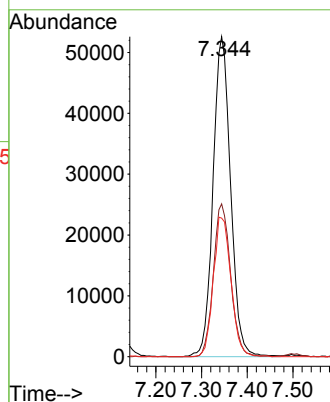
Tgt Ion: 42 Resp: 140376

Ion Ratio Lower Upper

42 100

72 46.9 32.8 49.2

71 44.0 31.0 46.4



#30

Chloroform

Concen: 55.024 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY015356.D

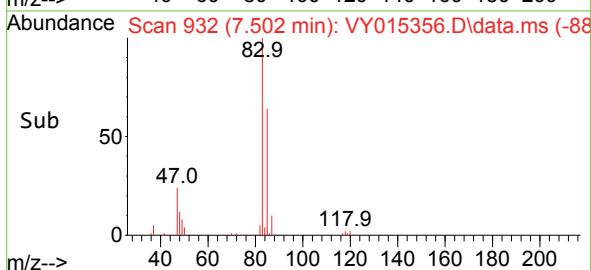
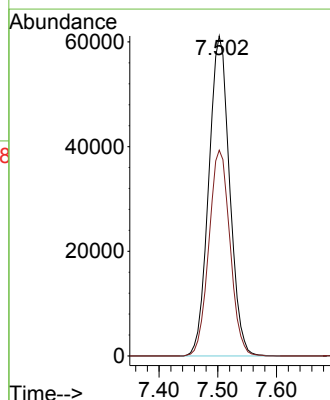
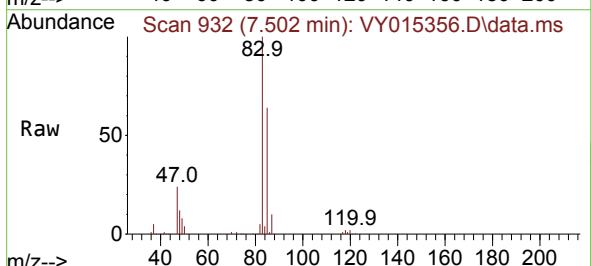
Acq: 25 Aug 2023 20:35

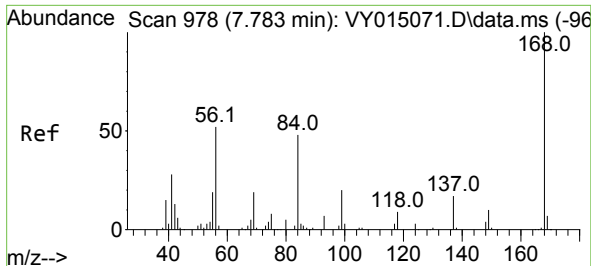
Tgt Ion: 83 Resp: 150623

Ion Ratio Lower Upper

83 100

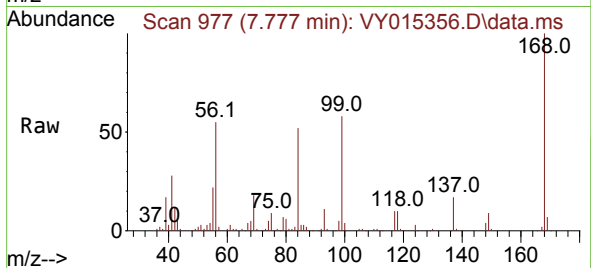
85 64.3 49.7 74.5



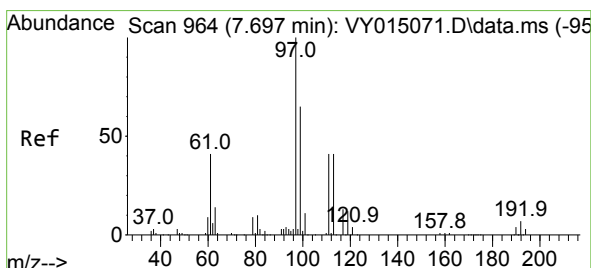
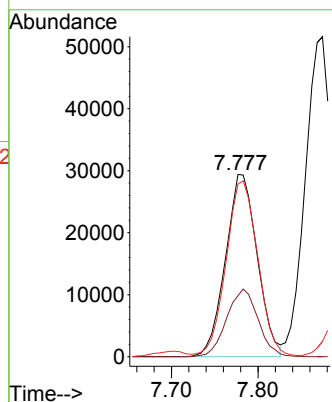
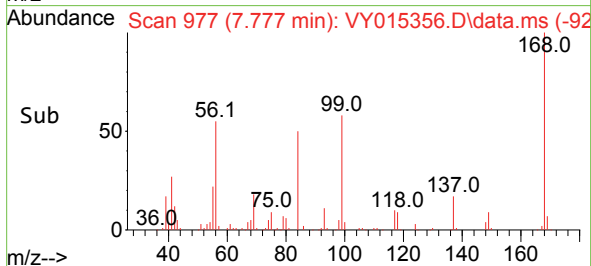


#31
Cyclohexane
Concen: 47.515 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Instrument :
MSVOA_Y
ClientSampleId :

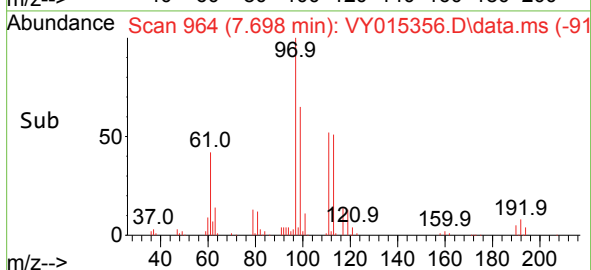
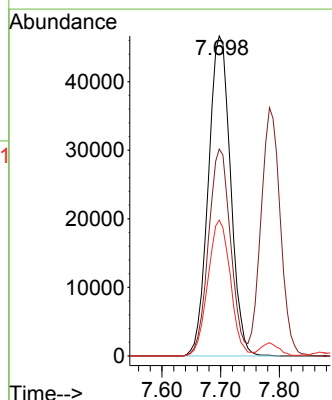
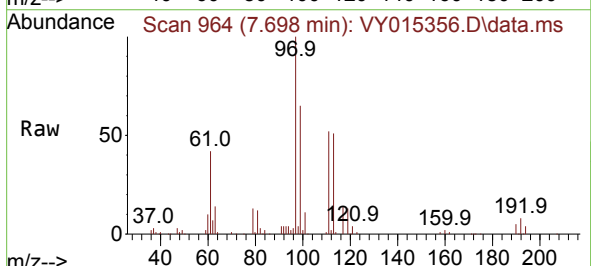


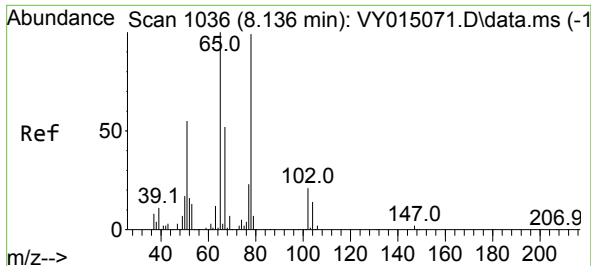
Tgt Ion: 56 Resp: 74845
Ion Ratio Lower Upper
56 100
69 33.4 27.8 41.6
84 92.1 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 52.651 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 97 Resp: 122644
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 43.1 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 64.025 ug/l

RT: 8.136 min Scan# 112608

Delta R.T. 0.000 min

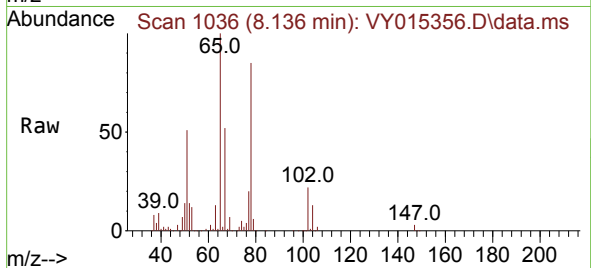
Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

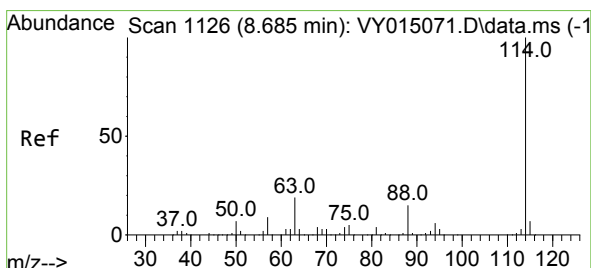
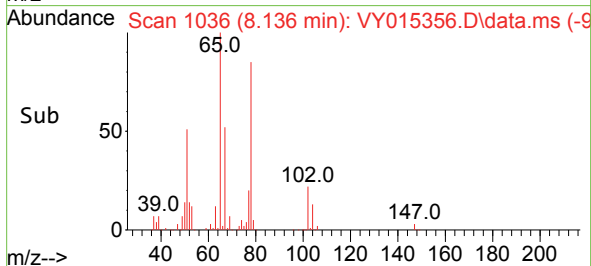
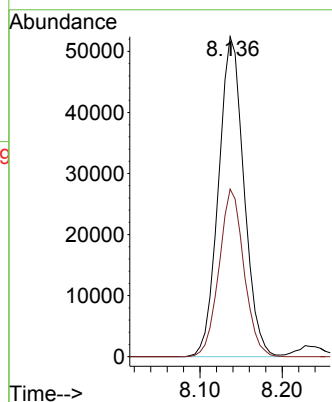


Tgt Ion: 65 Resp: 112608

Ion Ratio Lower Upper

65 100

67 51.3 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: VY015356.D

Acq: 25 Aug 2023 20:35

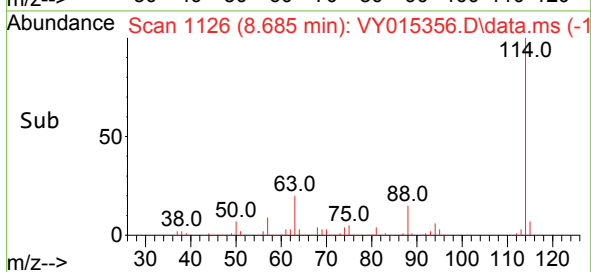
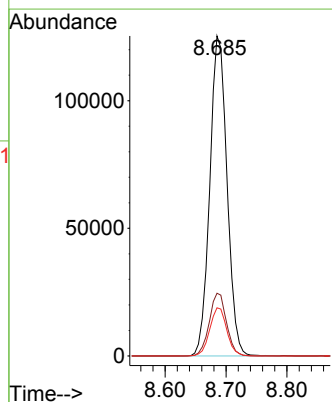
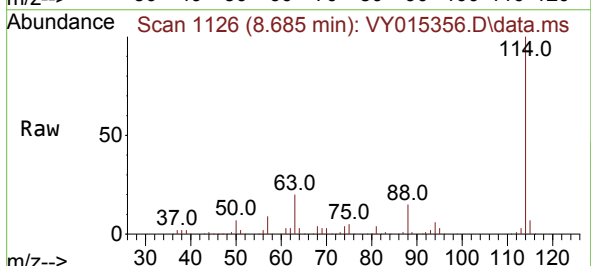
Tgt Ion:114 Resp: 246586

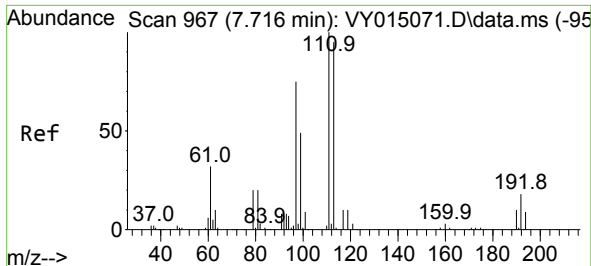
Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.4

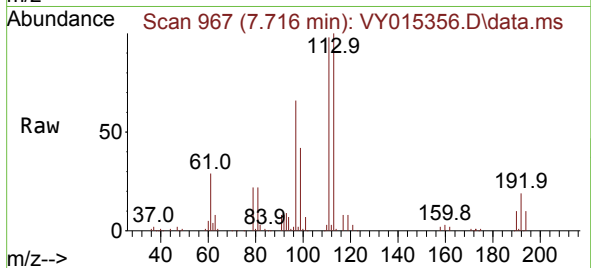
88 15.1 0.0 30.6



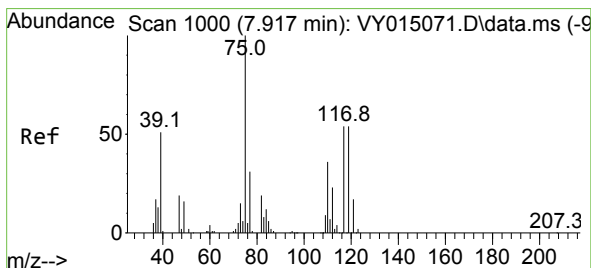
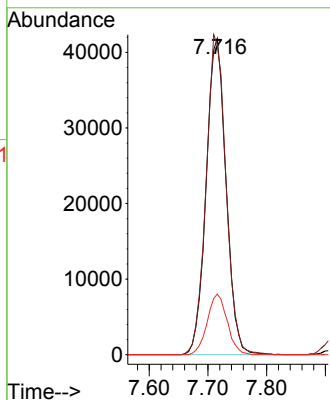
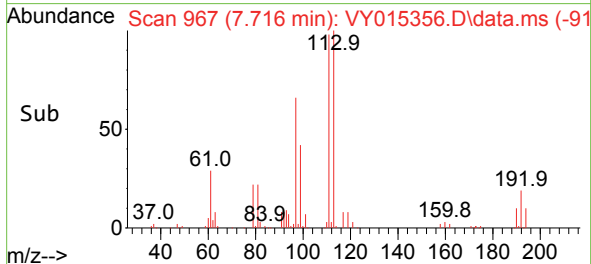


#35
 Dibromofluoromethane
 Concen: 61.959 ug/l
 RT: 7.716 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VY015356.D
 Acq: 25 Aug 2023 20:35

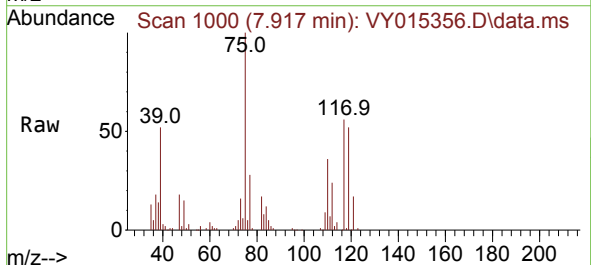
Instrument :
 MSVOA_Y
 ClientSampleId :



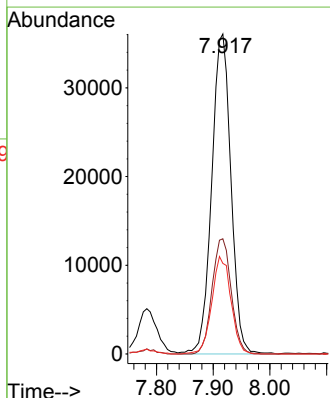
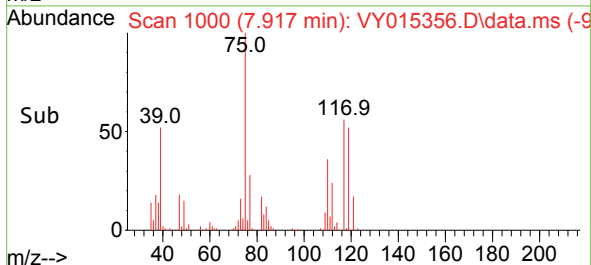
Tgt Ion:113 Resp: 98290
 Ion Ratio Lower Upper
 113 100
 111 101.4 81.3 121.9
 192 19.2 16.9 25.3

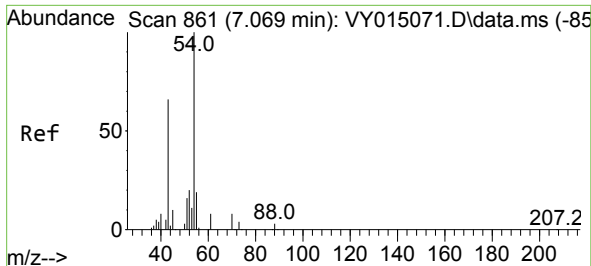


#36
 1,1-Dichloropropene
 Concen: 48.458 ug/l
 RT: 7.917 min Scan# 1000
 Delta R.T. 0.006 min
 Lab File: VY015356.D
 Acq: 25 Aug 2023 20:35



Tgt Ion: 75 Resp: 85045
 Ion Ratio Lower Upper
 75 100
 110 35.9 17.8 53.5
 77 30.2 24.4 36.6

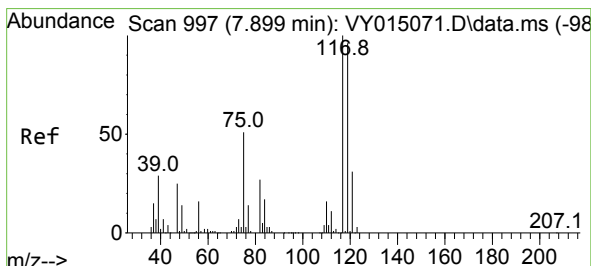
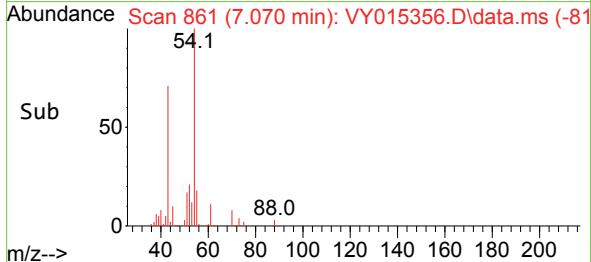
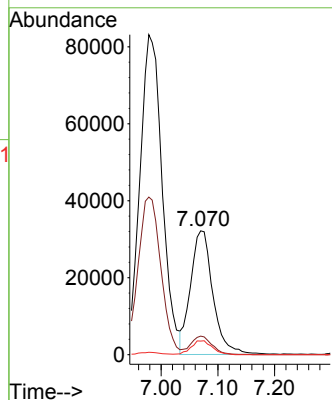
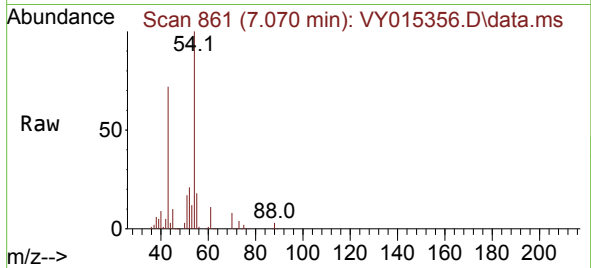




#37
Ethyl Acetate
Concen: 53.941 ug/l
RT: 7.070 min Scan# 80
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

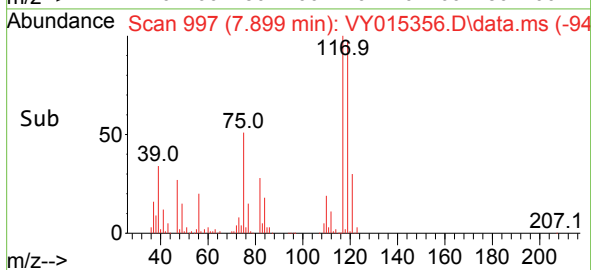
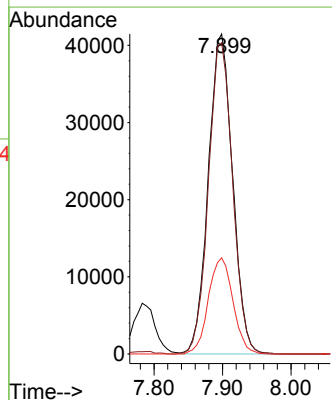
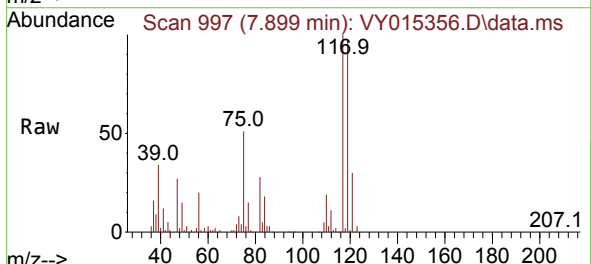
Instrument :
MSVOA_Y
ClientSampleId :

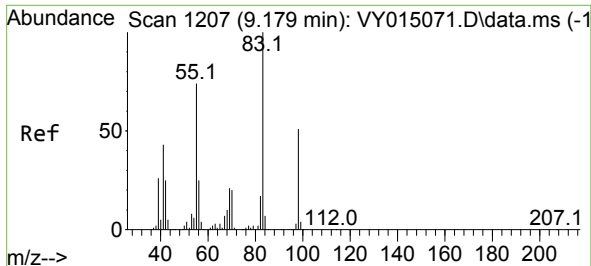
Tgt Ion: 43 Resp: 88242
Ion Ratio Lower Upper
43 100
61 14.0 10.1 15.1
70 10.6 7.1 10.7



#38
Carbon Tetrachloride
Concen: 49.172 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 117 Resp: 102134
Ion Ratio Lower Upper
117 100
119 97.3 76.4 114.6
121 30.0 25.8 38.6





#39

Methylcyclohexane

Concen: 45.106 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

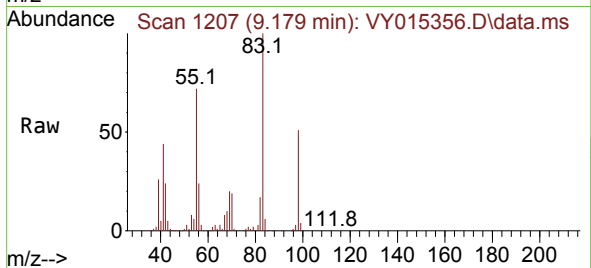
Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :



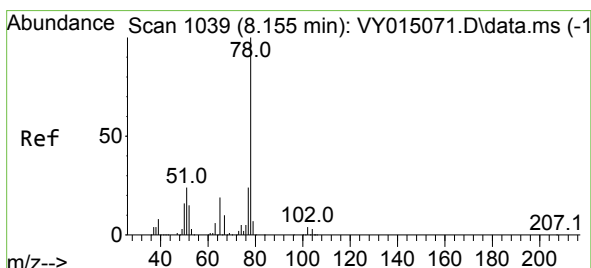
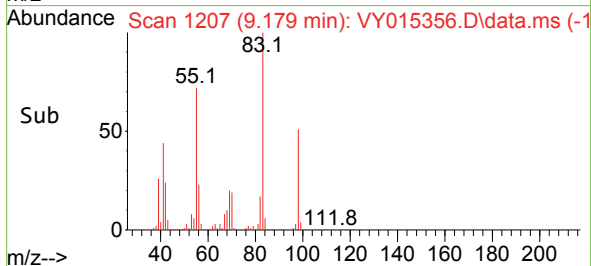
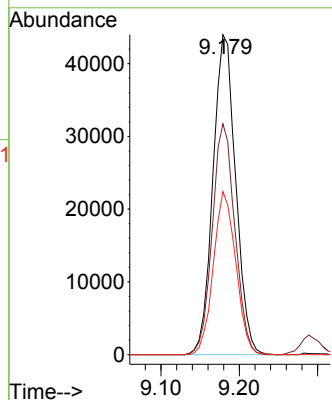
Tgt Ion: 83 Resp: 88744

Ion Ratio Lower Upper

83 100

55 72.2 63.0 94.4

98 50.9 37.4 56.2



#40

Benzene

Concen: 50.457 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY015356.D

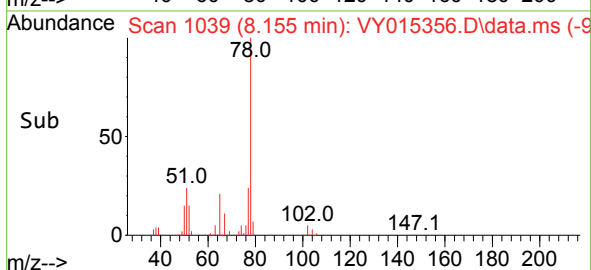
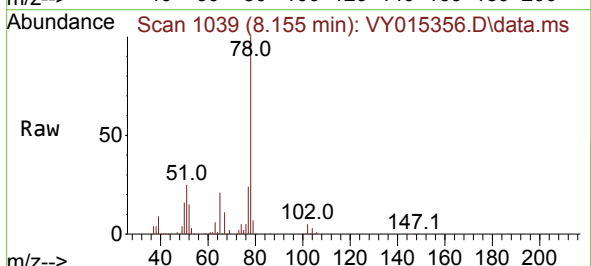
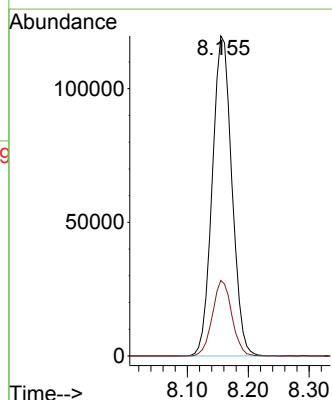
Acq: 25 Aug 2023 20:35

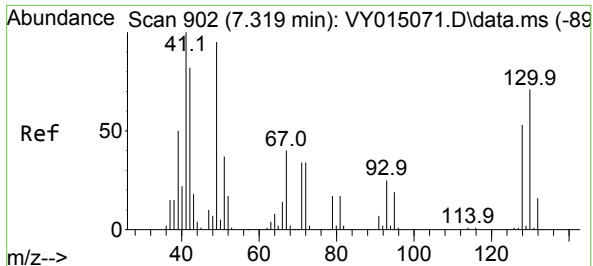
Tgt Ion: 78 Resp: 267730

Ion Ratio Lower Upper

78 100

77 23.6 19.0 28.6

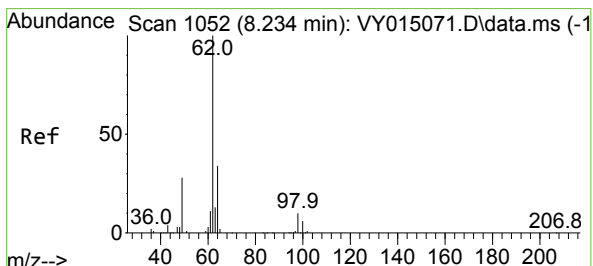
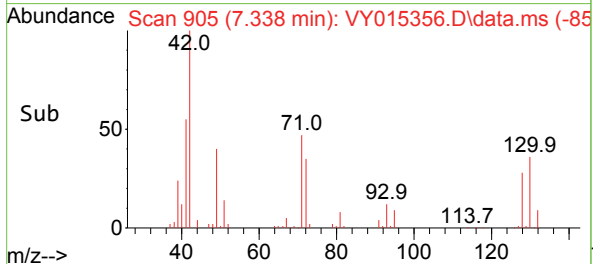
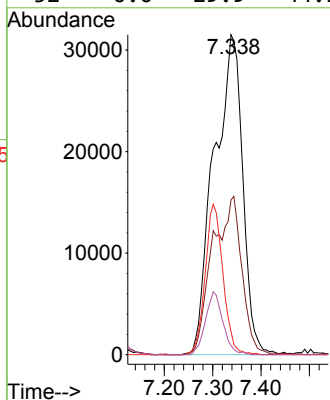
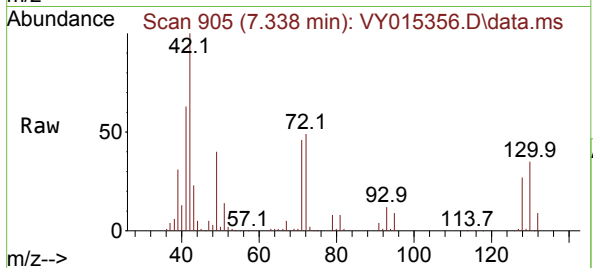




#41
Methacrylonitrile
Concen: 153.128 ug/l
RT: 7.338 min Scan# 902
Delta R.T. 0.031 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

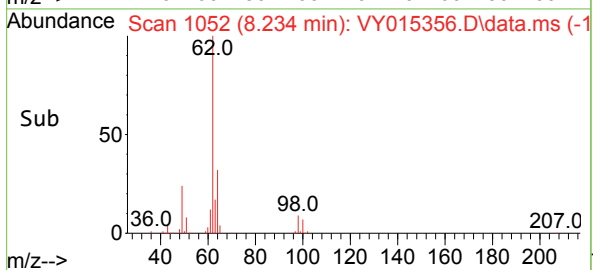
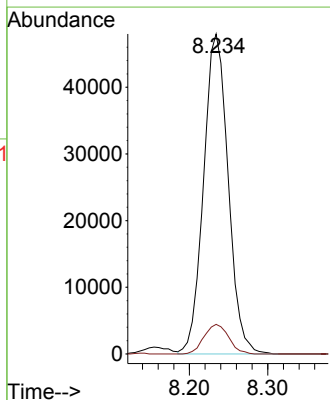
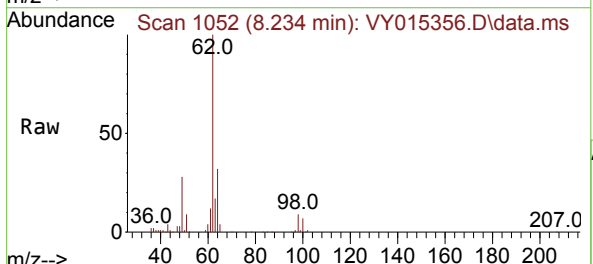
Instrument :
MSVOA_Y
ClientSampleId :

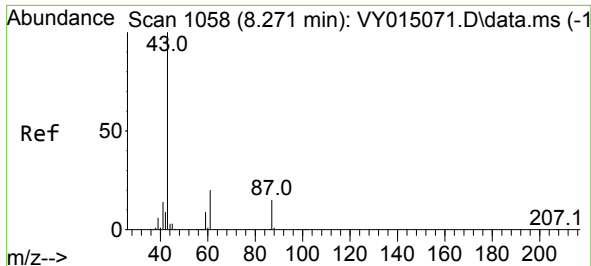
Tgt Ion: 41 Resp: 129172
Ion Ratio Lower Upper
41 100
39 25.4 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 54.282 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

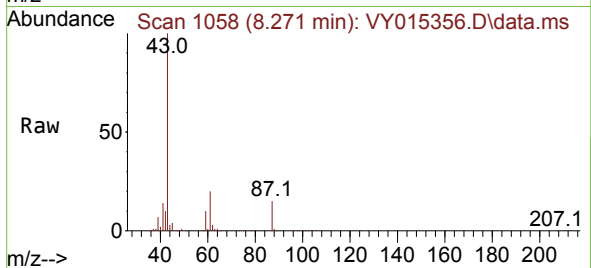
Tgt Ion: 62 Resp: 104604
Ion Ratio Lower Upper
62 100
98 9.3 0.0 15.8



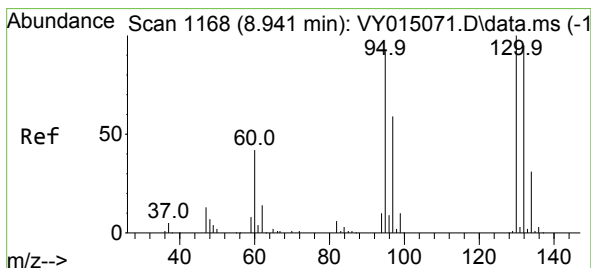
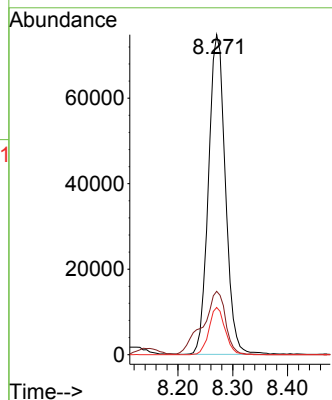
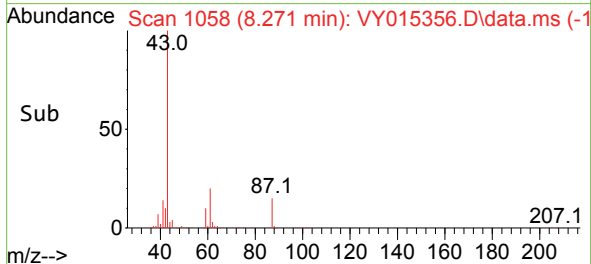


#43
Isopropyl Acetate
Concen: 53.631 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Instrument :
MSVOA_Y
ClientSampleId :

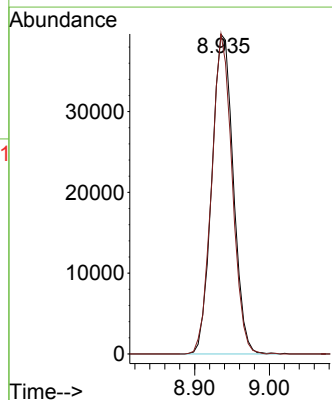
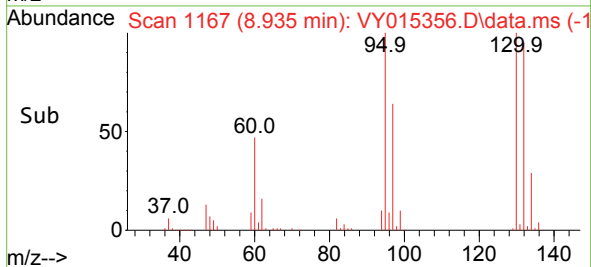
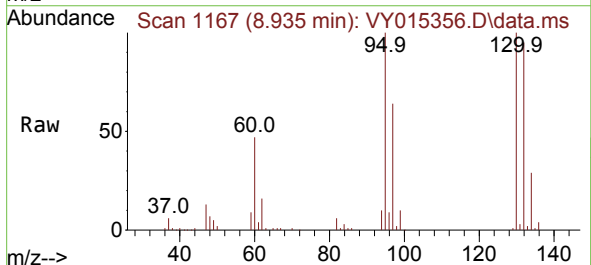


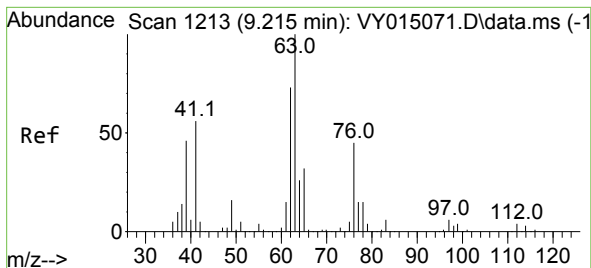
Tgt Ion: 43 Resp: 159770
Ion Ratio Lower Upper
43 100
61 26.9 21.1 31.7
87 14.1 9.8 14.8



#44
Trichloroethene
Concen: 51.677 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion:130 Resp: 78997
Ion Ratio Lower Upper
130 100
95 100.1 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.943 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

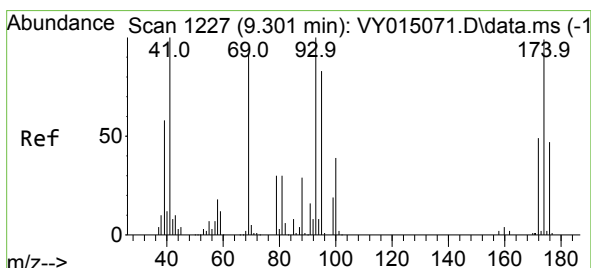
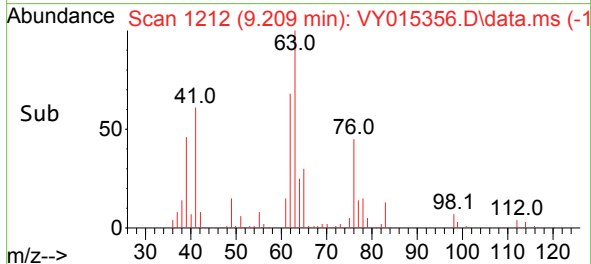
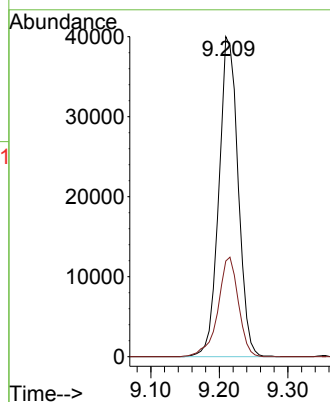
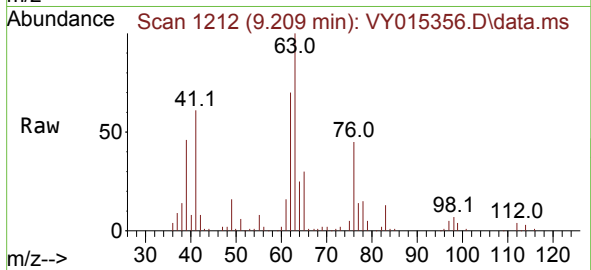
ClientSampleId :

Tgt Ion: 63 Resp: 77719

Ion Ratio Lower Upper

63 100

65 29.9 23.8 35.6



#46

Dibromomethane

Concen: 53.979 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

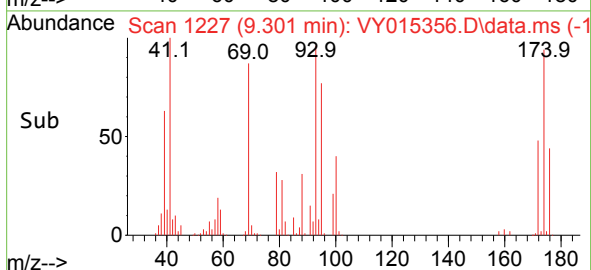
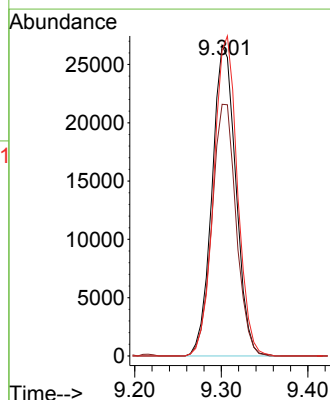
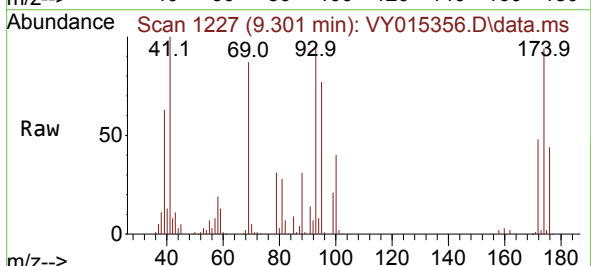
Tgt Ion: 93 Resp: 50939

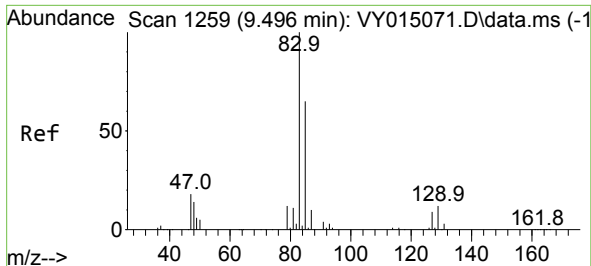
Ion Ratio Lower Upper

93 100

95 82.3 66.6 100.0

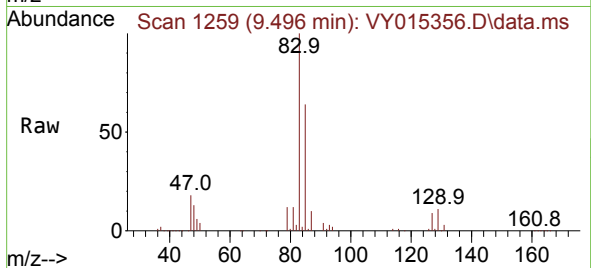
174 102.1 84.8 127.2



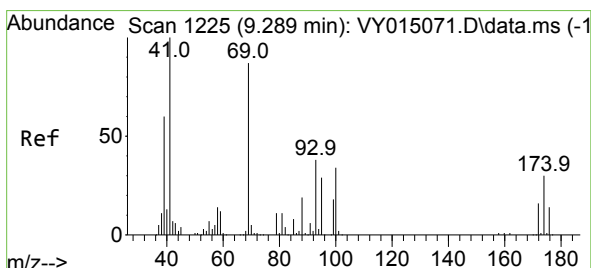
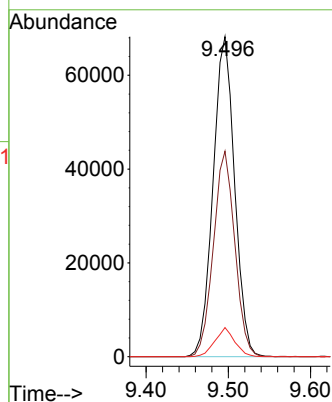
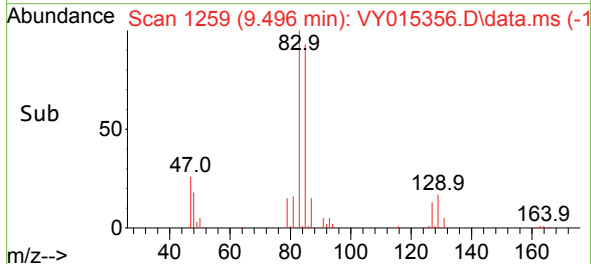


#47
Bromodichloromethane
Concen: 55.087 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Instrument :
MSVOA_Y
ClientSampleId :

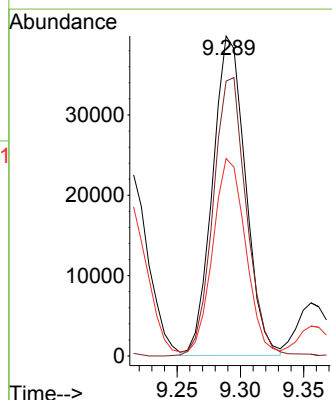
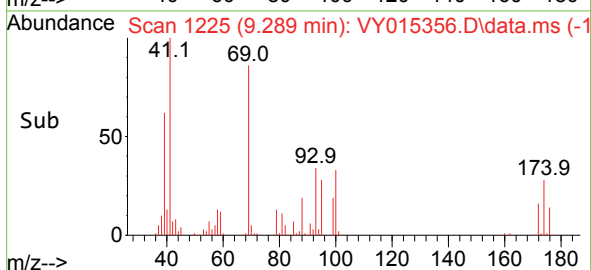
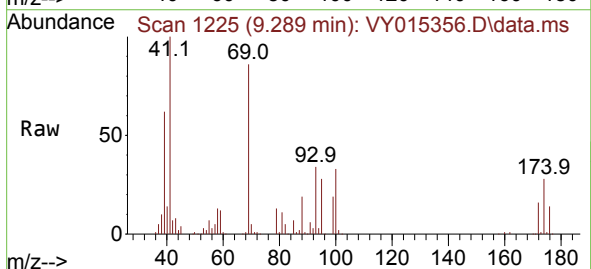


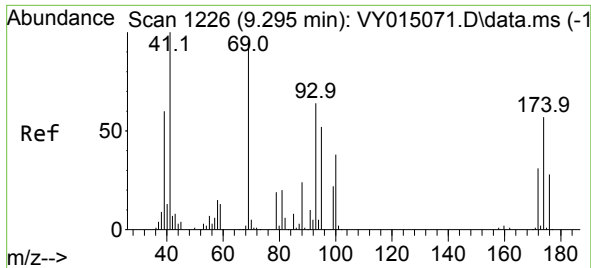
Tgt Ion: 83 Resp: 124049
Ion Ratio Lower Upper
83 100
85 64.2 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 56.518 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 41 Resp: 72025
Ion Ratio Lower Upper
41 100
69 88.3 64.5 96.7
39 62.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1173.634 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

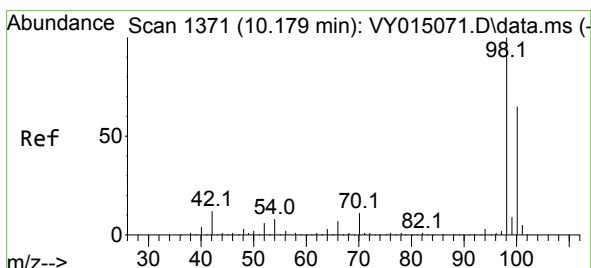
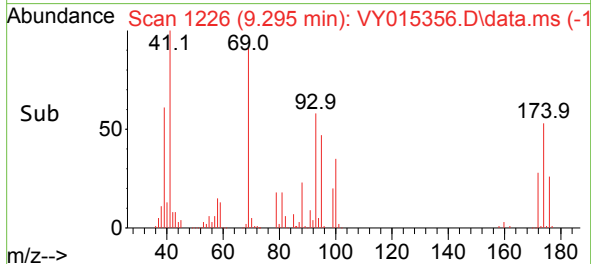
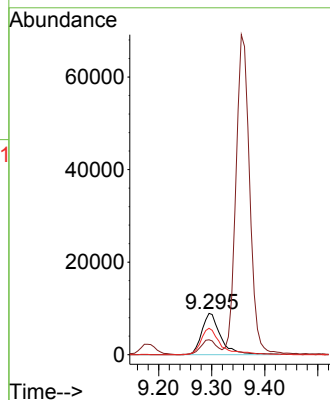
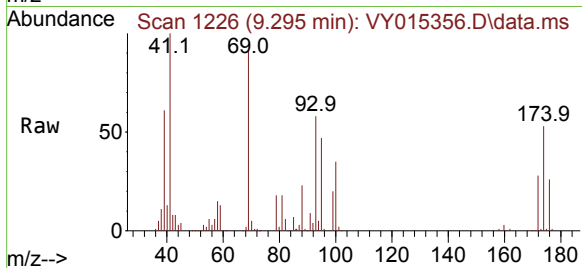
Tgt Ion: 88 Resp: 22147

Ion Ratio Lower Upper

88 100

43 31.1 0.0 0.0#

58 67.4 30.9 46.3#



#50

Toluene-d8

Concen: 58.380 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY015356.D

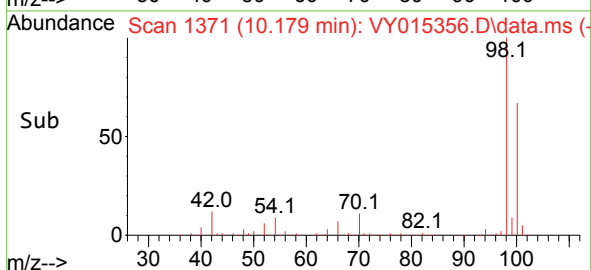
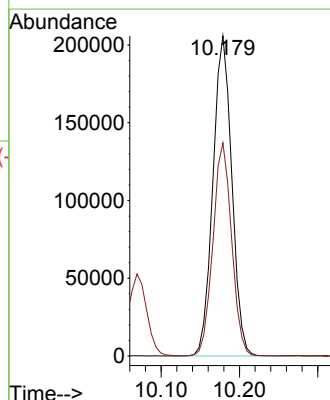
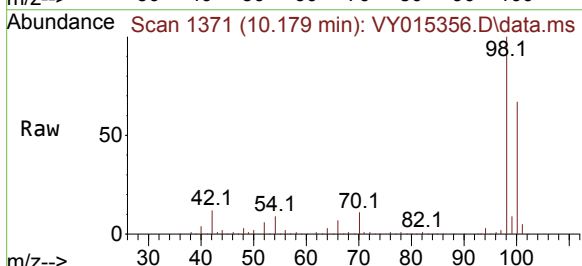
Acq: 25 Aug 2023 20:35

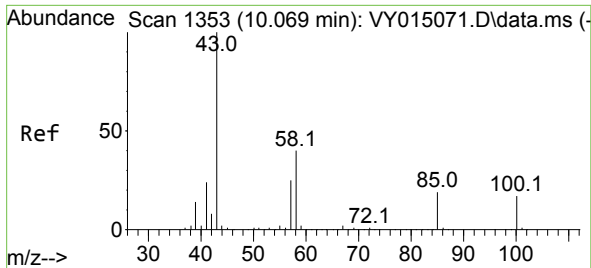
Tgt Ion: 98 Resp: 344754

Ion Ratio Lower Upper

98 100

100 65.7 50.1 75.1

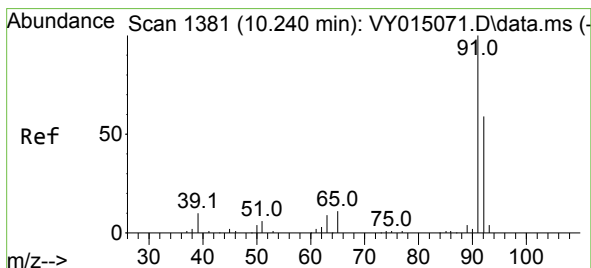
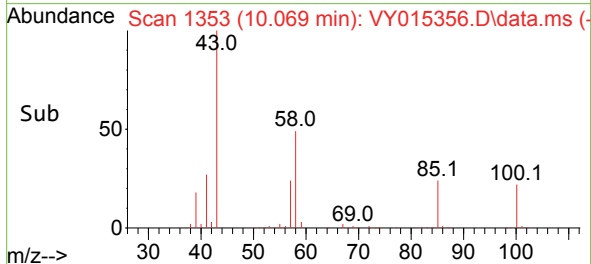
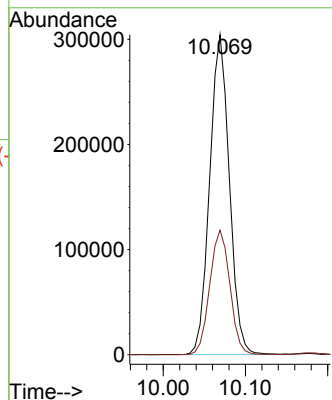
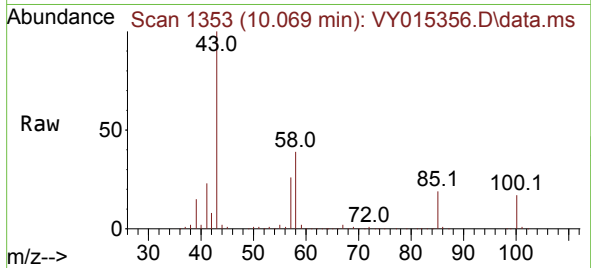




#51
4-Methyl-2-Pentanone
Concen: 293.060 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

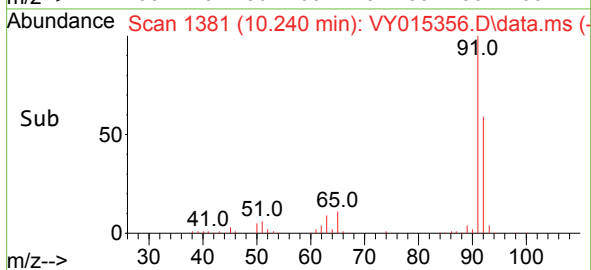
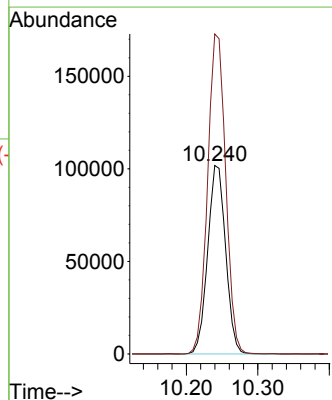
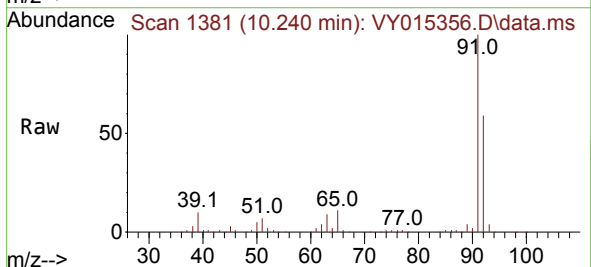
Instrument :
MSVOA_Y
ClientSampleId :

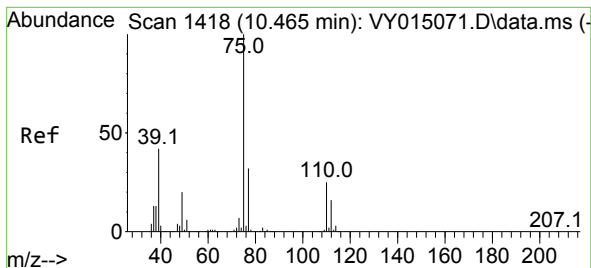
Tgt Ion: 43 Resp: 505983
Ion Ratio Lower Upper
43 100
58 39.9 29.0 43.6



#52
Toluene
Concen: 50.764 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 92 Resp: 177537
Ion Ratio Lower Upper
92 100
91 170.8 143.8 215.6

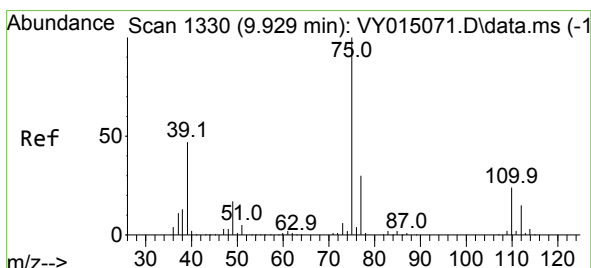
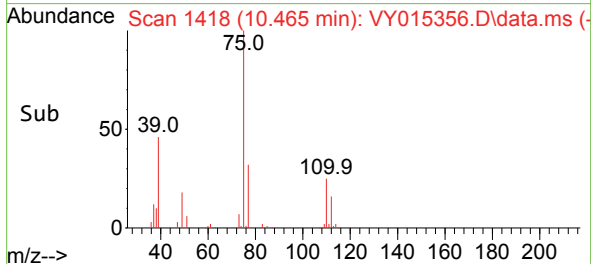
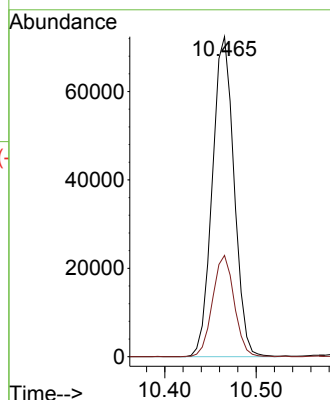
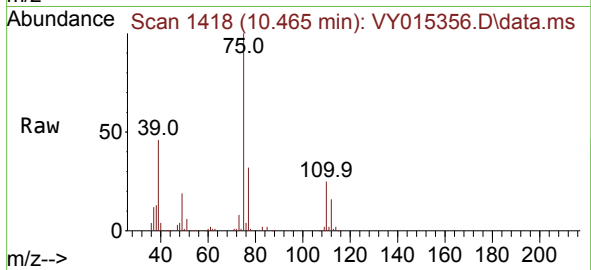




#53
t-1,3-Dichloropropene
Concen: 50.557 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

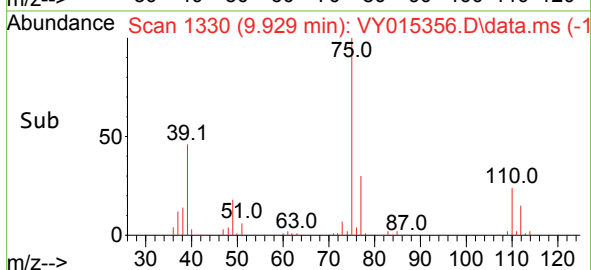
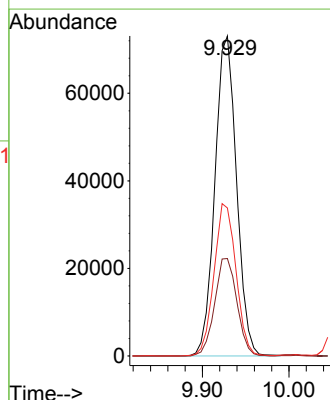
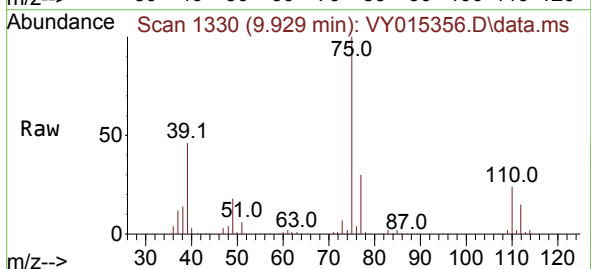
Instrument :
MSVOA_Y
ClientSampleId :

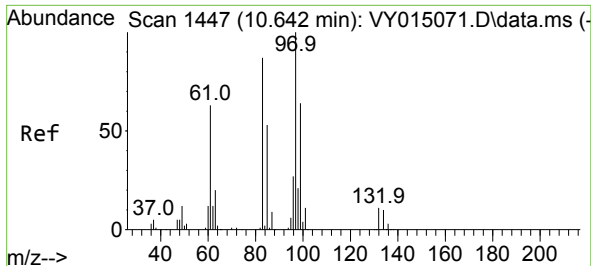
Tgt Ion: 75 Resp: 119648
Ion Ratio Lower Upper
75 100
77 31.6 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 50.820 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

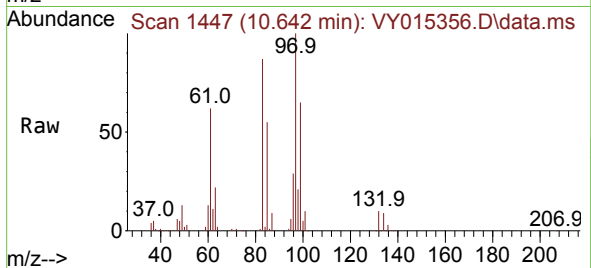
Tgt Ion: 75 Resp: 126664
Ion Ratio Lower Upper
75 100
77 30.4 24.2 36.4
39 46.3 42.2 63.4



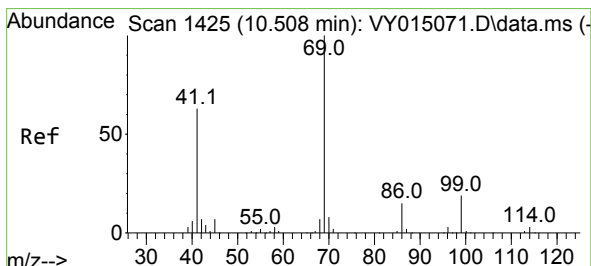
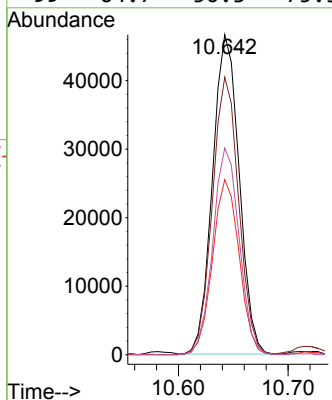
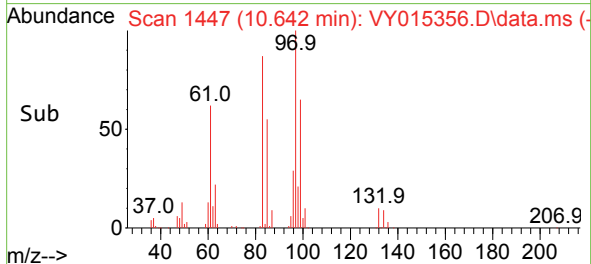


#55
1,1,2-Trichloroethane
Concen: 54.753 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Instrument :
MSVOA_Y
ClientSampleId :

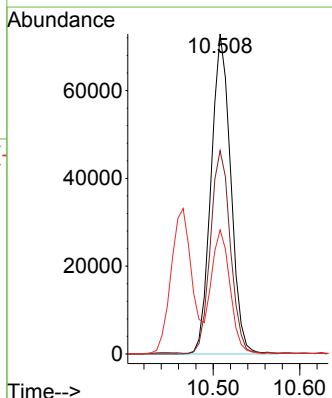
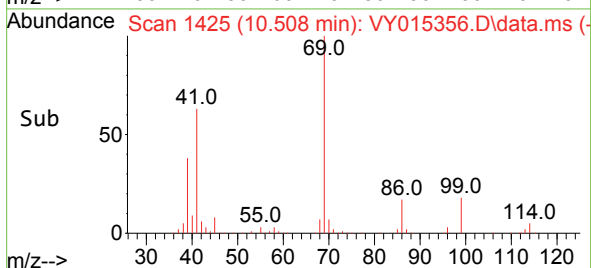
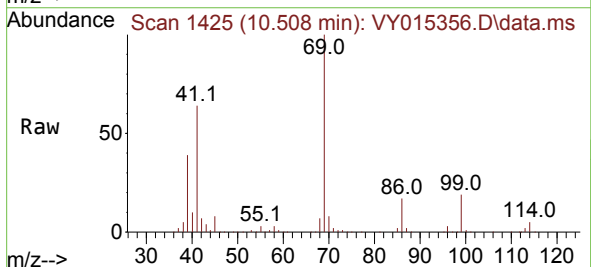


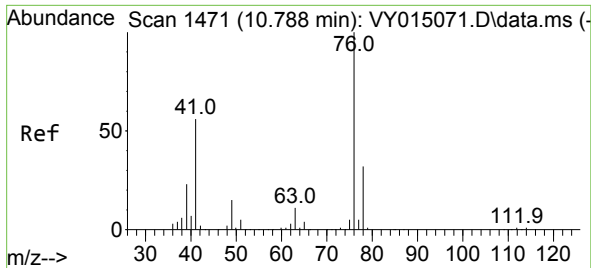
Tgt Ion:	97	Resp:	78564
Ion	Ratio	Lower	Upper
97	100		
83	86.9	72.0	108.0
85	54.8	45.4	68.0
99	64.7	50.3	75.5



#56
Ethyl methacrylate
Concen: 54.705 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion:	69	Resp:	114877
Ion	Ratio	Lower	Upper
69	100		
41	63.9	57.6	86.4
39	35.9	34.1	51.1

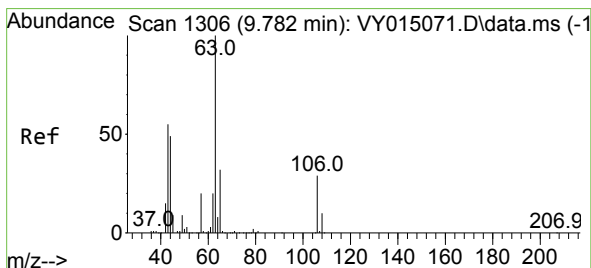
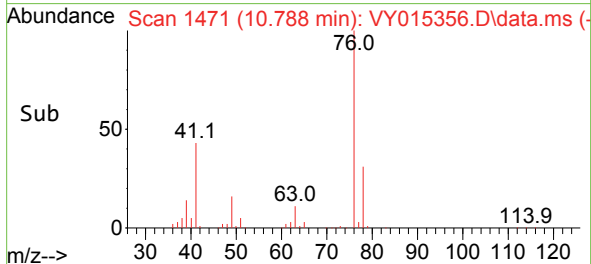
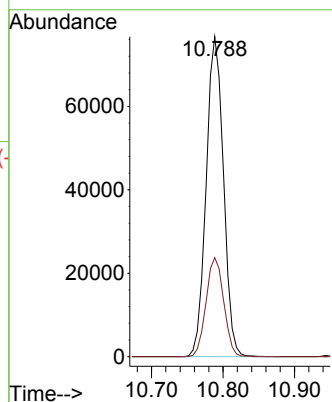
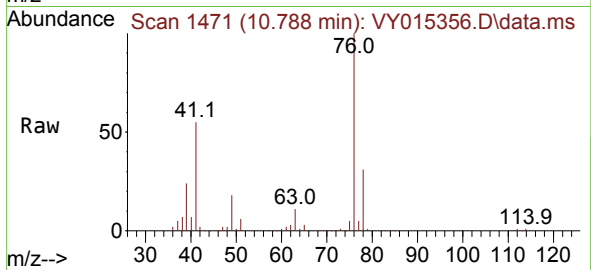




#57
1,3-Dichloropropane
Concen: 54.917 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

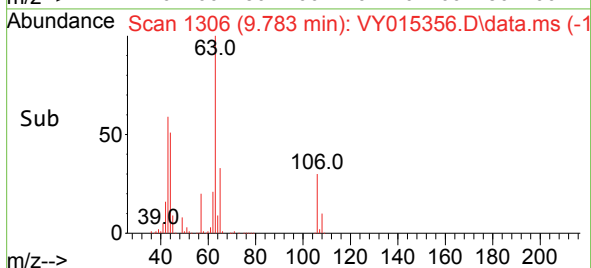
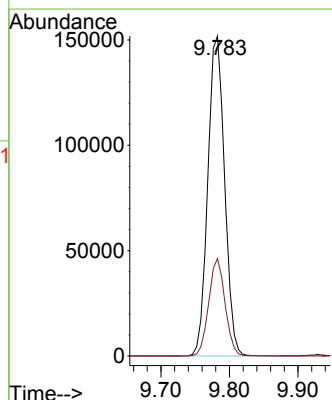
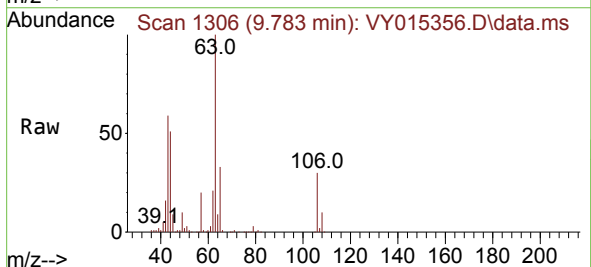
Instrument :
MSVOA_Y
ClientSampleId :

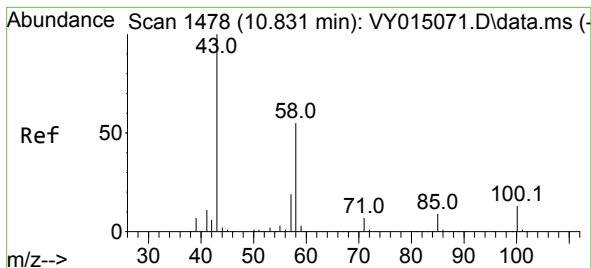
Tgt Ion: 76 Resp: 128740
Ion Ratio Lower Upper
76 100
78 31.6 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 264.530 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 63 Resp: 258516
Ion Ratio Lower Upper
63 100
106 29.6 21.2 31.8





#59

2-Hexanone

Concen: 290.066 ug/l

RT: 10.831 min Scan# 1478

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

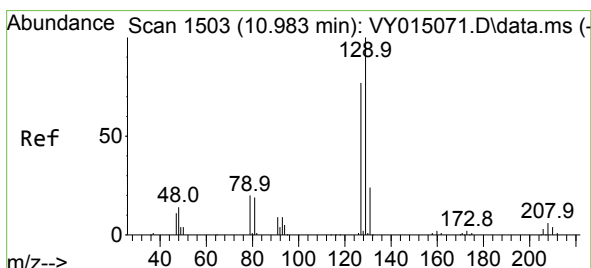
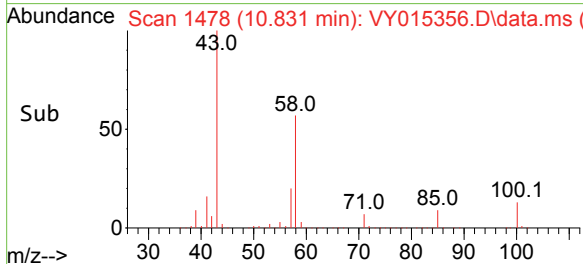
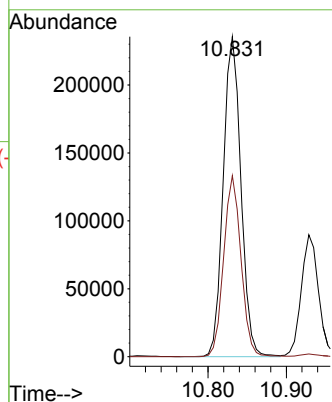
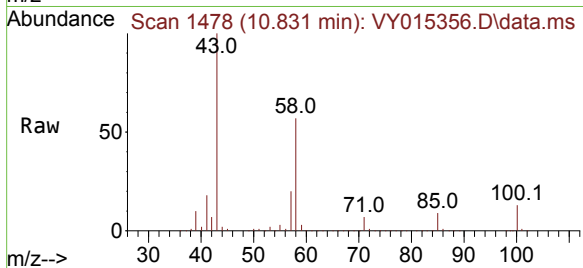
ClientSampleId :

Tgt Ion: 43 Resp: 370656

Ion Ratio Lower Upper

43 100

58 55.4 25.1 75.3



#60

Dibromochloromethane

Concen: 55.458 ug/l

RT: 10.984 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY015356.D

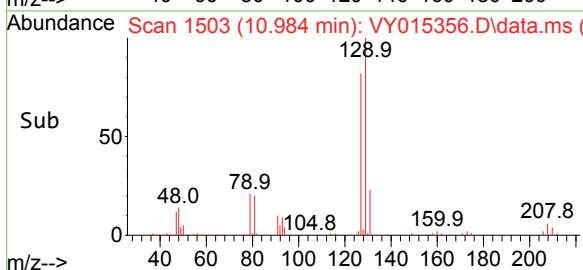
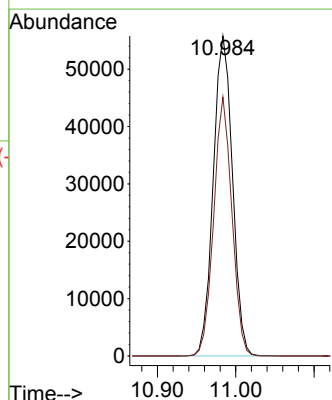
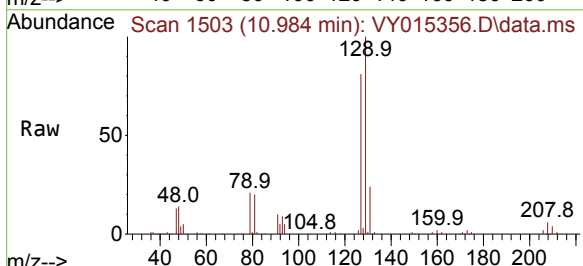
Acq: 25 Aug 2023 20:35

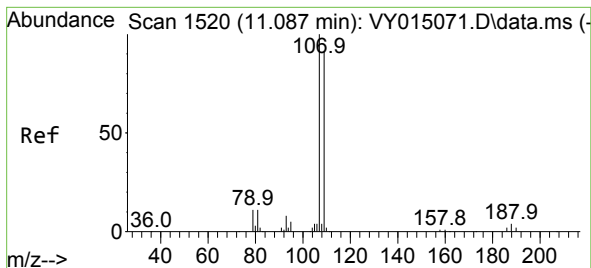
Tgt Ion: 129 Resp: 94923

Ion Ratio Lower Upper

129 100

127 76.8 38.5 115.5

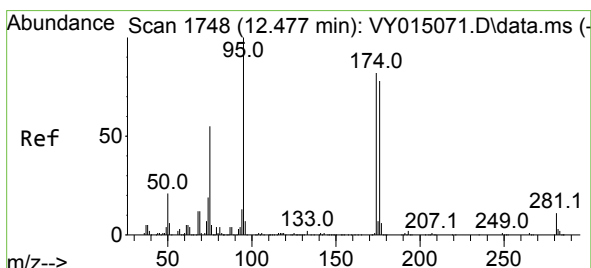
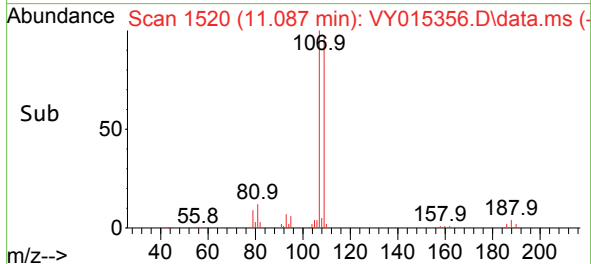
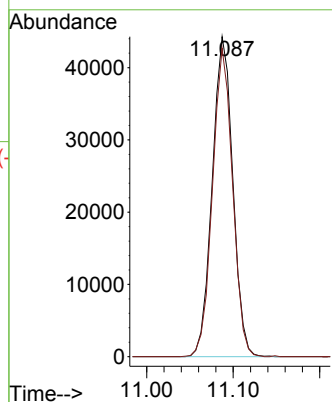
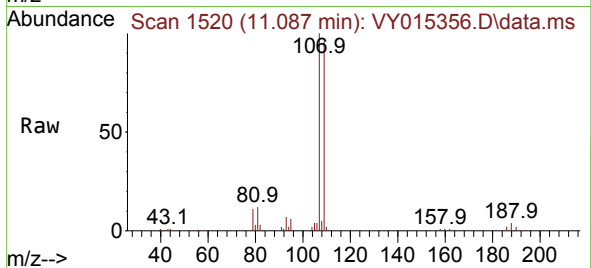




#61
1,2-Dibromoethane
Concen: 53.546 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

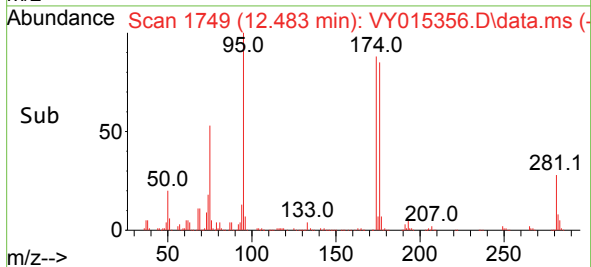
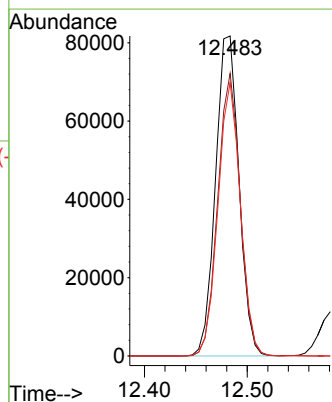
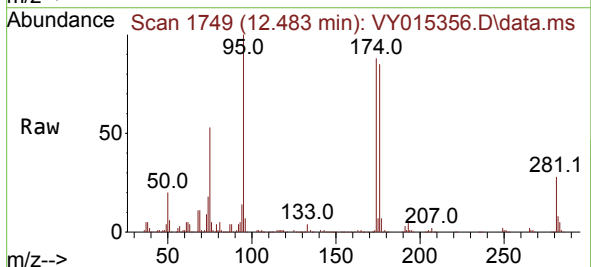
Instrument :
MSVOA_Y
ClientSampleId :

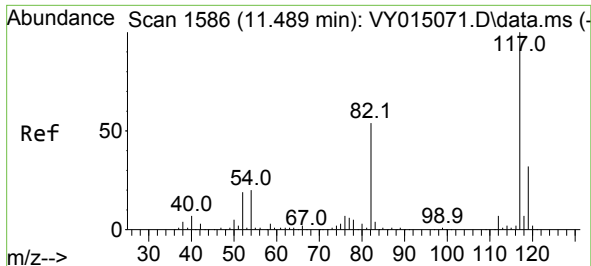
Tgt Ion:107 Resp: 72989
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 59.907 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

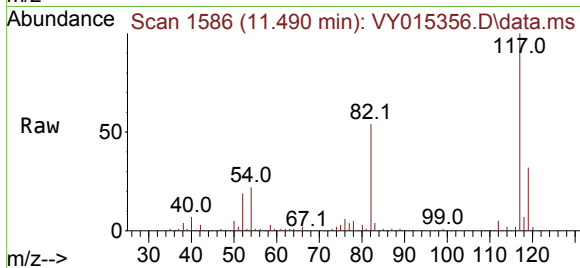
Tgt Ion: 95 Resp: 129214
Ion Ratio Lower Upper
95 100
174 84.6 0.0 178.2
176 81.8 0.0 173.8



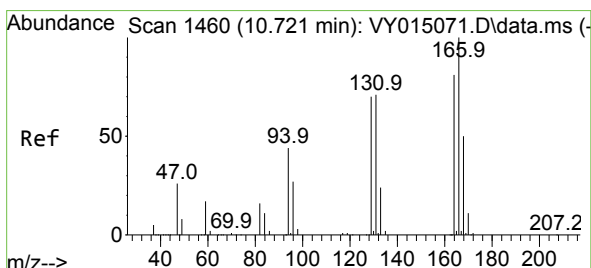
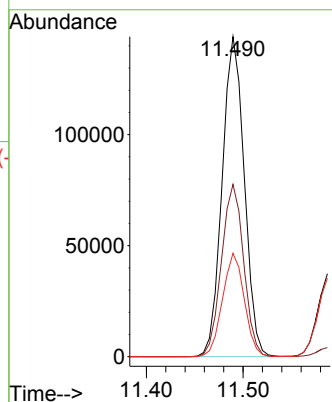
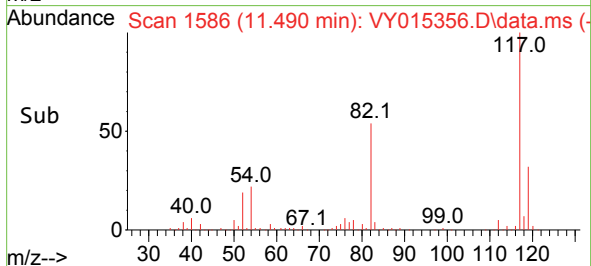


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

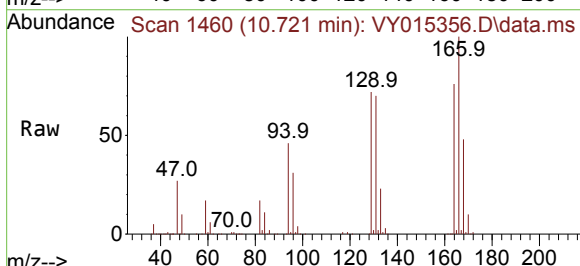
Instrument :
MSVOA_Y
ClientSampleId :



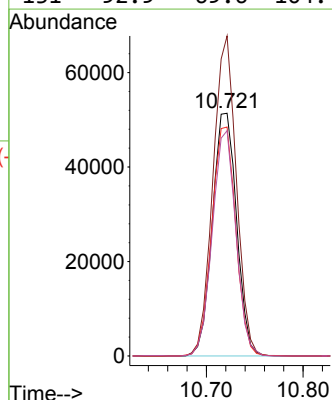
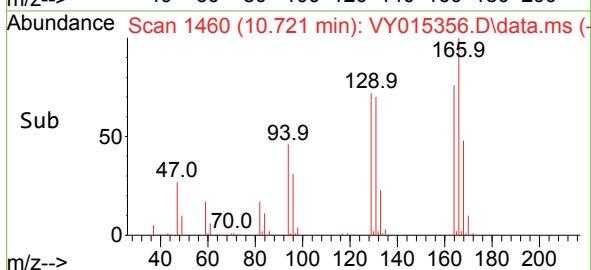
Tgt Ion:117 Resp: 228380
Ion Ratio Lower Upper
117 100
82 53.9 43.4 65.0
119 32.3 26.3 39.5

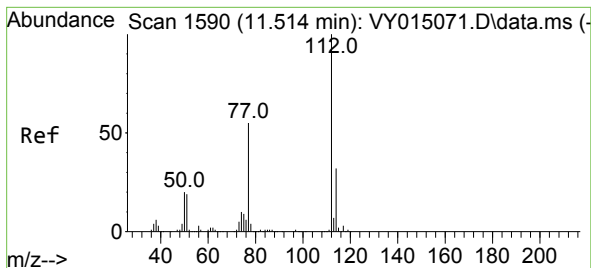


#64
Tetrachloroethene
Concen: 56.218 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35



Tgt Ion:164 Resp: 89449
Ion Ratio Lower Upper
164 100
166 131.9 103.0 154.6
129 94.4 77.2 115.8
131 92.9 69.6 104.4





#65

Chlorobenzene

Concen: 50.603 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

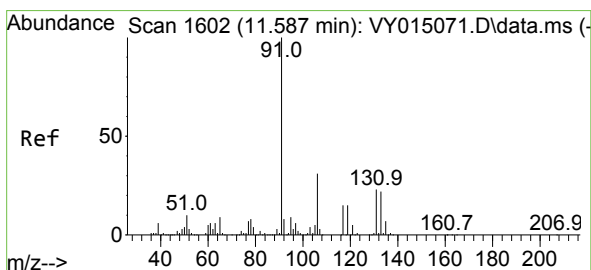
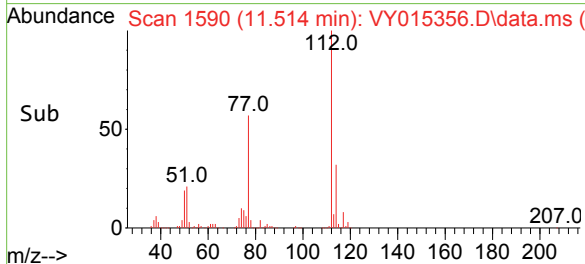
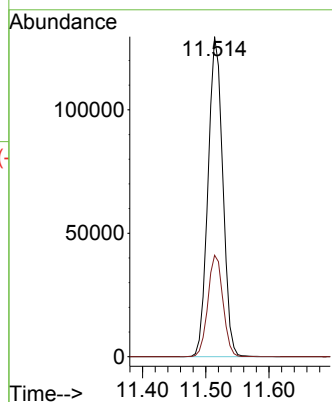
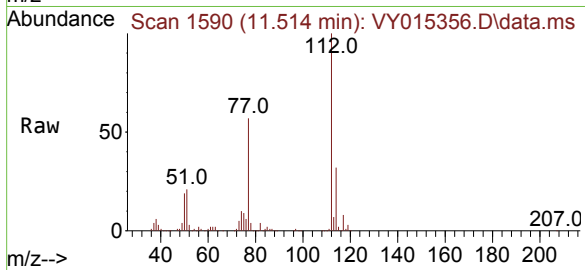
ClientSampleId :

Tgt Ion:112 Resp: 210566

Ion Ratio Lower Upper

112 100

114 31.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 53.635 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

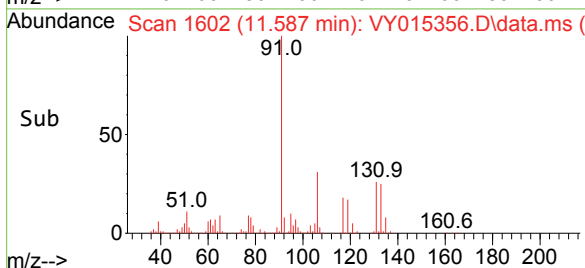
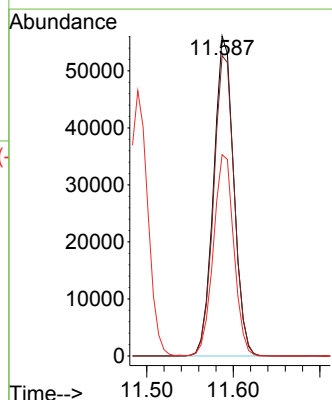
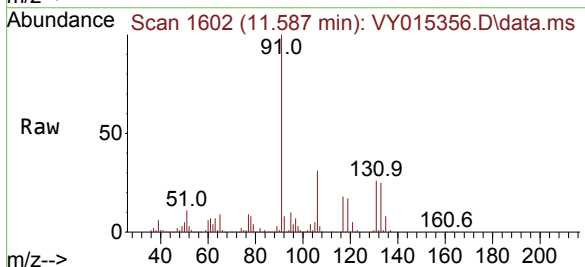
Tgt Ion:131 Resp: 90557

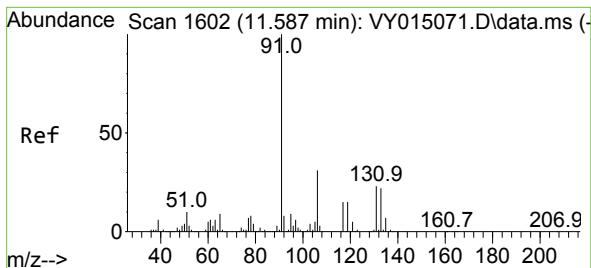
Ion Ratio Lower Upper

131 100

133 96.0 47.5 142.6

119 64.0 31.6 94.7





#67

Ethyl Benzene

Concen: 48.992 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

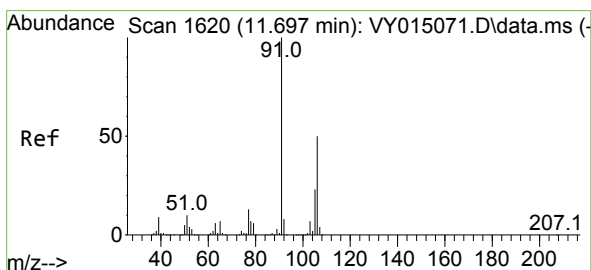
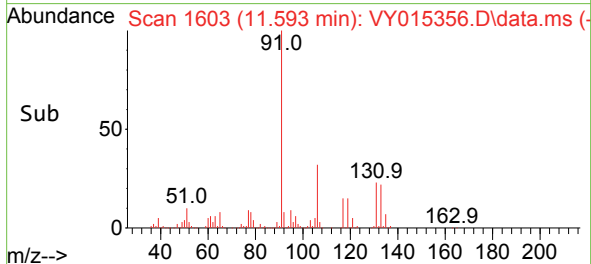
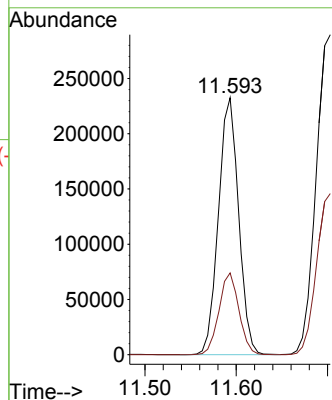
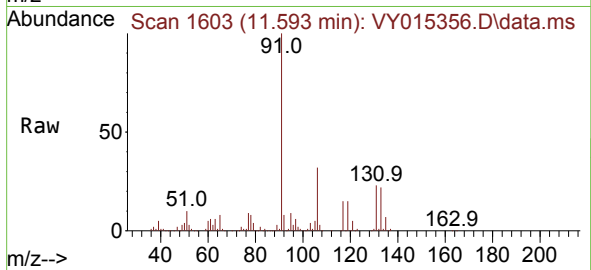
ClientSampleId :

Tgt Ion: 91 Resp: 357182

Ion Ratio Lower Upper

91 100

106 31.8 24.6 36.8



#68

m/p-Xylenes

Concen: 98.200 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY015356.D

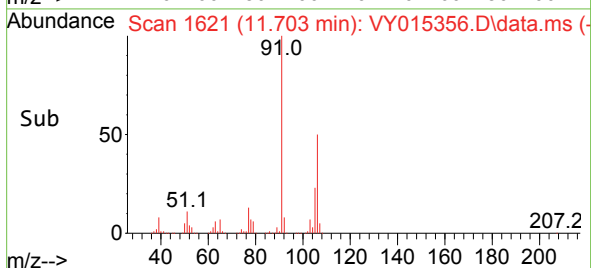
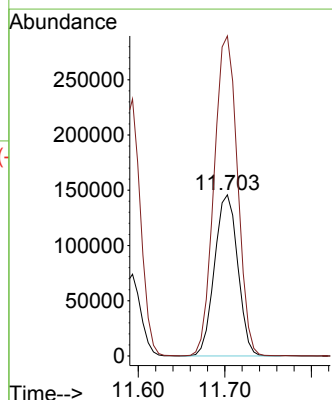
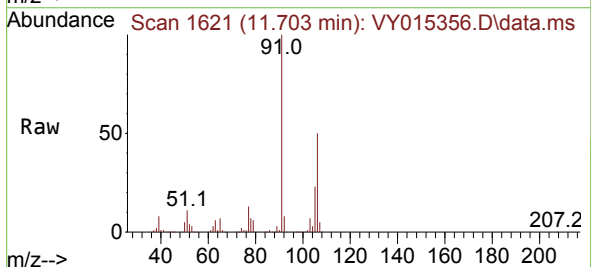
Acq: 25 Aug 2023 20:35

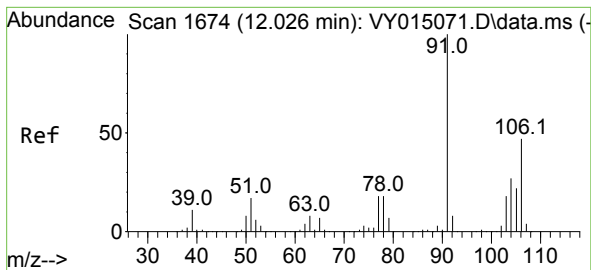
Tgt Ion:106 Resp: 271916

Ion Ratio Lower Upper

106 100

91 200.4 166.1 249.1

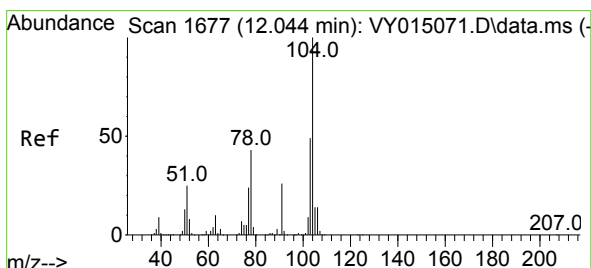
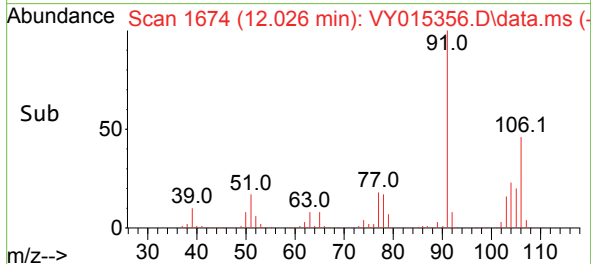
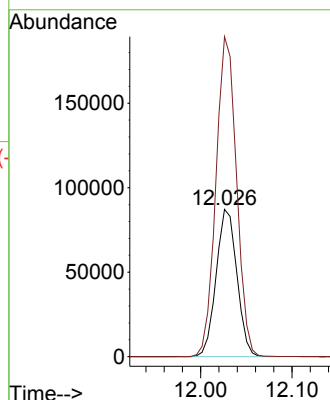
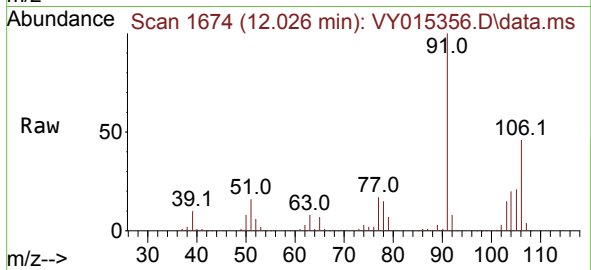




#69
o-Xylene
Concen: 49.940 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

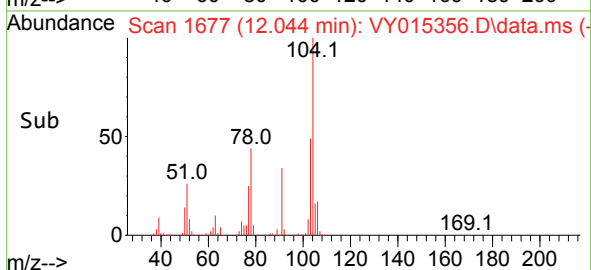
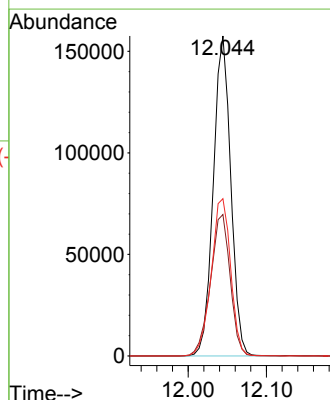
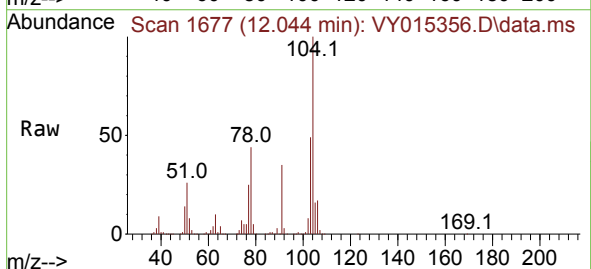
Instrument :
MSVOA_Y
ClientSampleId :

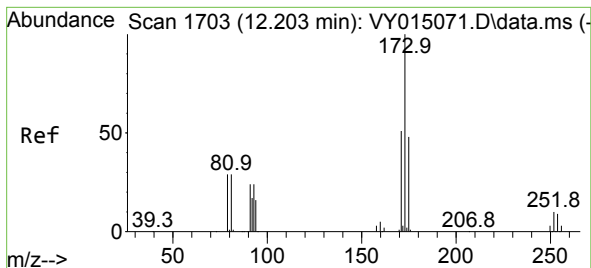
Tgt Ion:106 Resp: 137758
Ion Ratio Lower Upper
106 100
91 215.6 108.1 324.3



#70
Styrene
Concen: 51.176 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion:104 Resp: 244326
Ion Ratio Lower Upper
104 100
78 49.8 41.5 62.3
103 54.7 44.6 67.0





#71

Bromoform

Concen: 53.275 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY015356.D

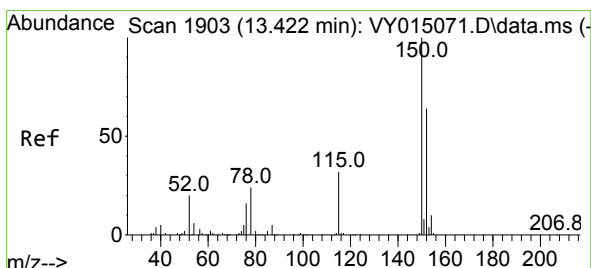
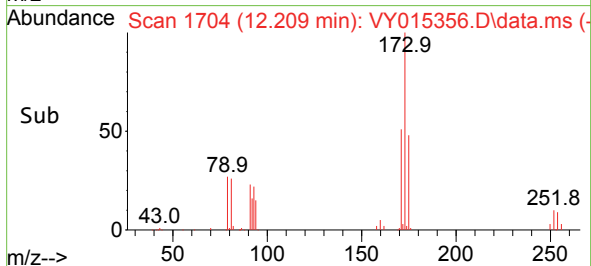
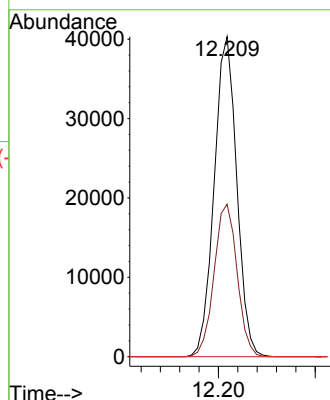
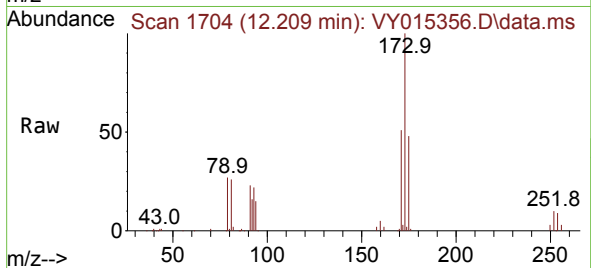
Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	65205
Ion Ratio	Lower	Upper
173	100	
175	48.6	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

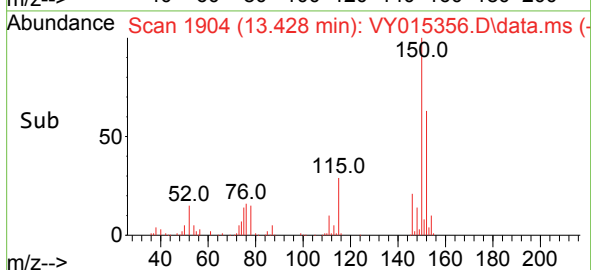
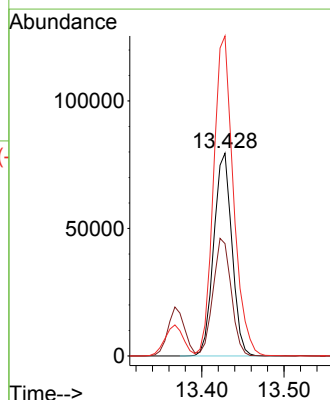
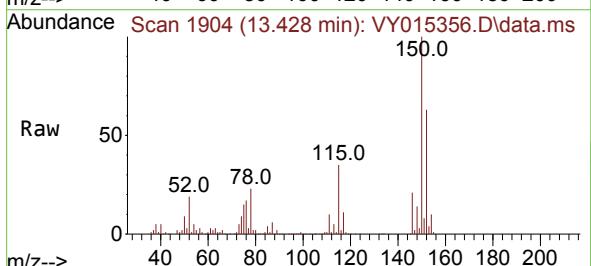
RT: 13.428 min Scan# 1904

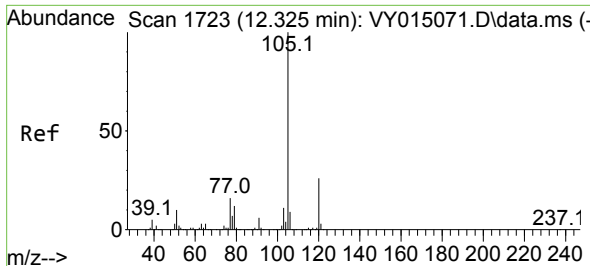
Delta R.T. 0.006 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Tgt Ion:152	Resp:	121965
Ion Ratio	Lower	Upper
152	100	
115	58.1	28.8 86.5
150	172.6	0.0 348.8

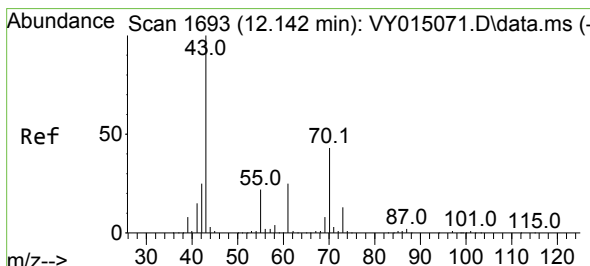
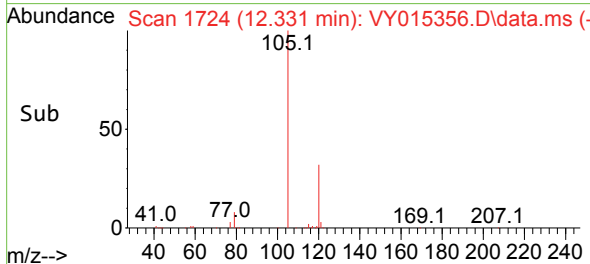
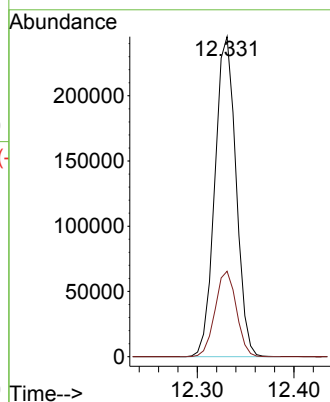
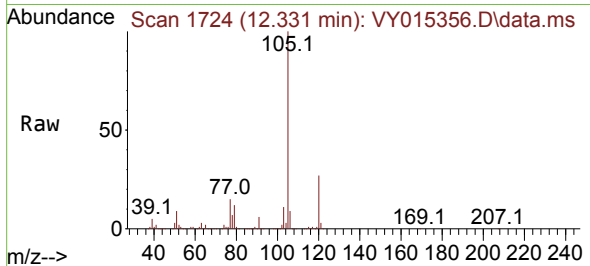




#73
Isopropylbenzene
Concen: 47.420 ug/l
RT: 12.331 min Scan# 1724
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

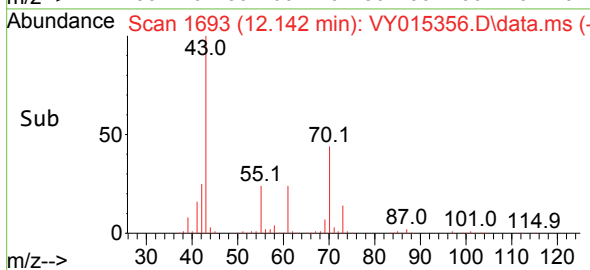
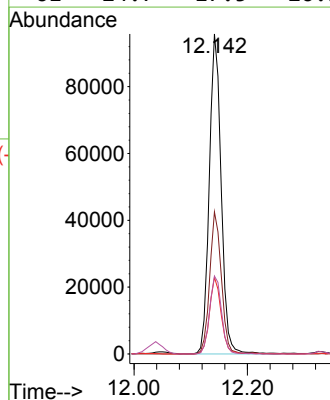
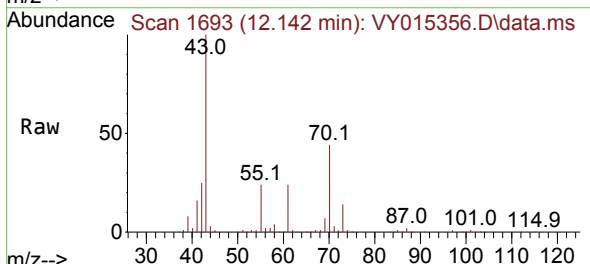
Instrument :
MSVOA_Y
ClientSampleId :

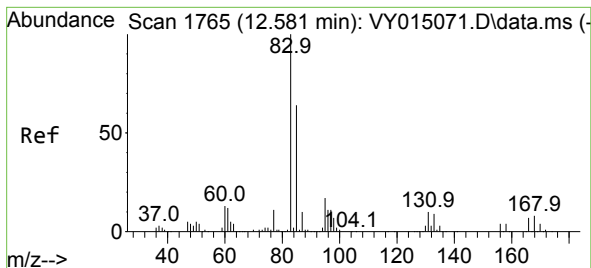
Tgt Ion:105 Resp: 371901
Ion Ratio Lower Upper
105 100
120 27.0 13.3 39.9



#74
N-ethyl acetate
Concen: 49.118 ug/l
RT: 12.142 min Scan# 1693
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 43 Resp: 139083
Ion Ratio Lower Upper
43 100
70 43.4 29.7 44.5
55 23.5 18.3 27.5
61 24.7 17.5 26.3

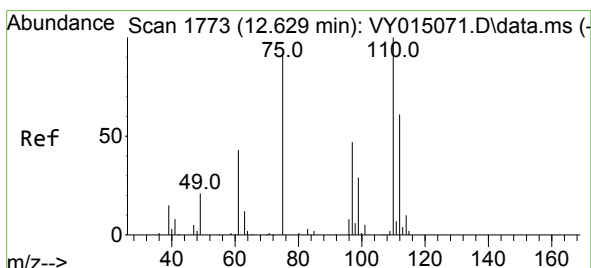
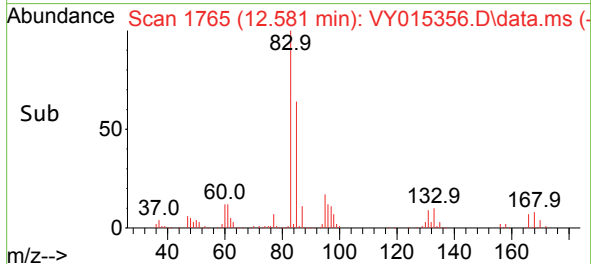
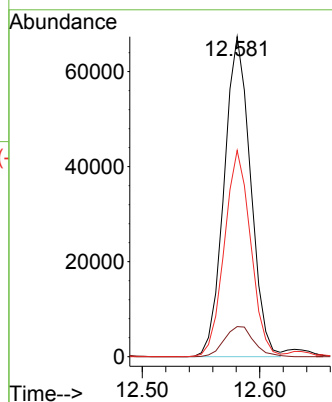
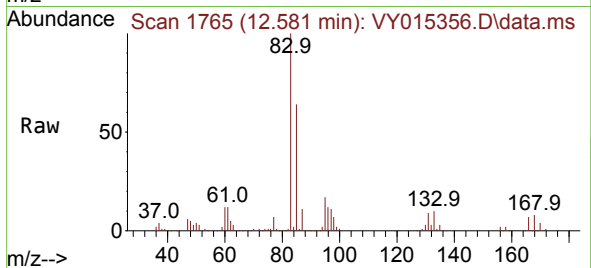




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.570 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY015356.D
 Acq: 25 Aug 2023 20:35

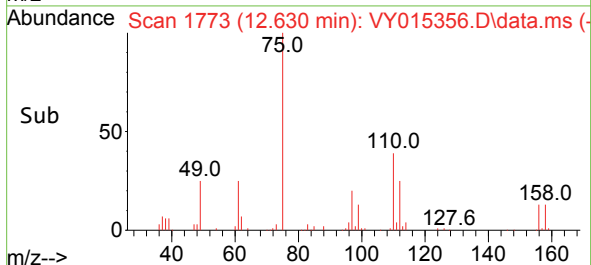
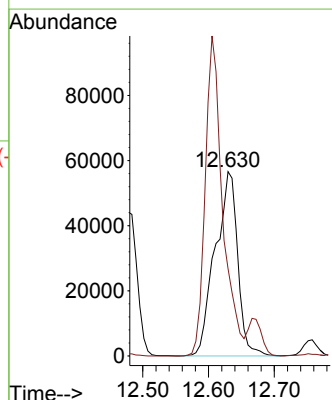
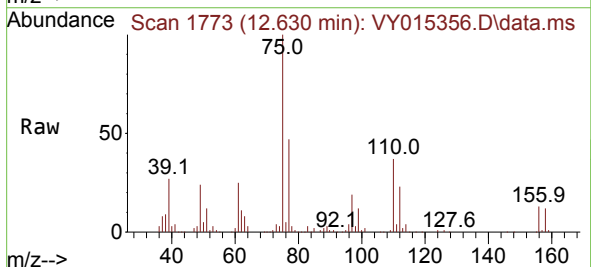
Instrument :
 MSVOA_Y
 ClientSampleId :

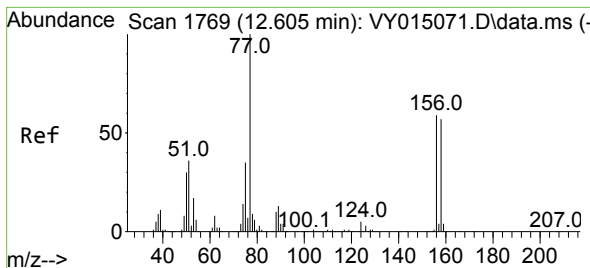
Tgt Ion: 83 Resp: 105337
 Ion Ratio Lower Upper
 83 100
 131 10.5 5.4 16.2
 85 64.1 31.8 95.4



#76
 1,2,3-Trichloropropane
 Concen: 91.027 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. 0.000 min
 Lab File: VY015356.D
 Acq: 25 Aug 2023 20:35

Tgt Ion: 75 Resp: 134883
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.962 ug/l

RT: 12.605 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

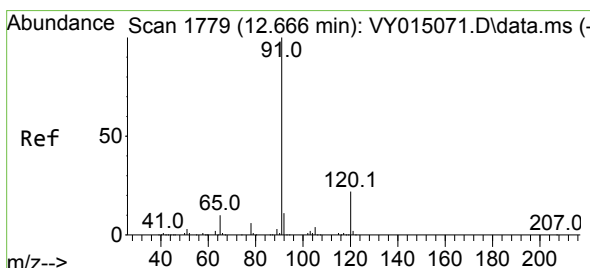
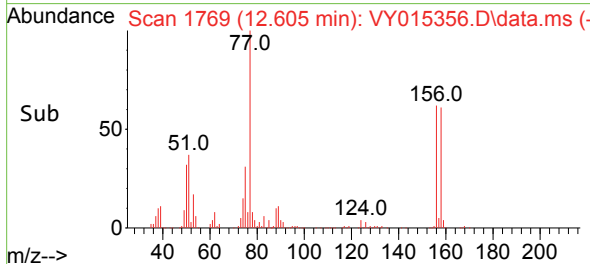
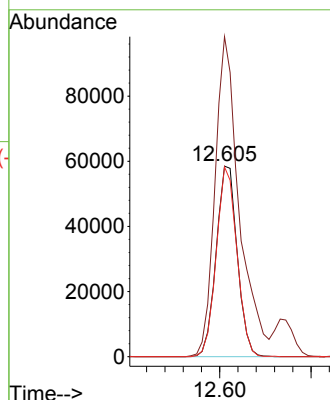
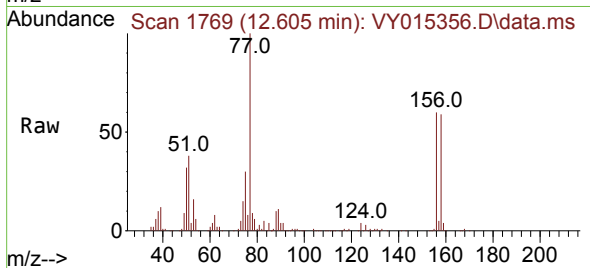
Tgt Ion:156 Resp: 93600

Ion Ratio Lower Upper

156 100

77 192.9 92.8 278.6

158 97.6 48.4 145.3



#78

n-propylbenzene

Concen: 47.498 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.006 min

Lab File: VY015356.D

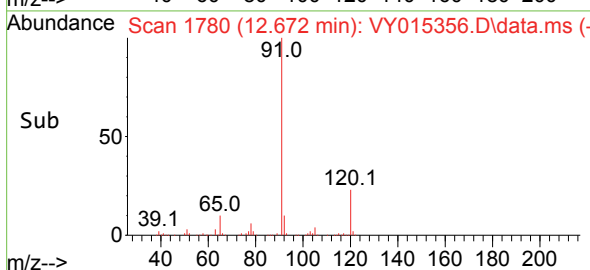
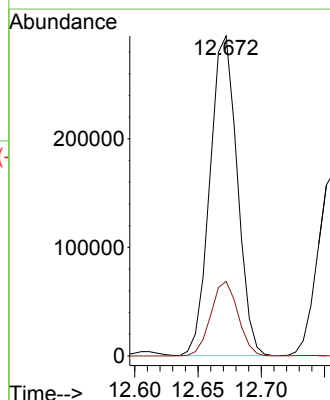
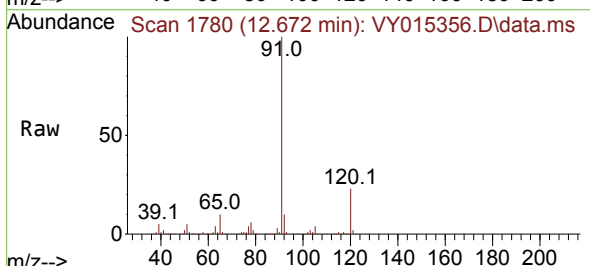
Acq: 25 Aug 2023 20:35

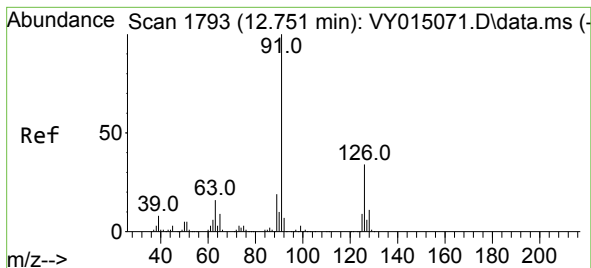
Tgt Ion: 91 Resp: 442354

Ion Ratio Lower Upper

91 100

120 23.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 48.538 ug/l

RT: 12.758 min Scan# 1794

Delta R.T. 0.006 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

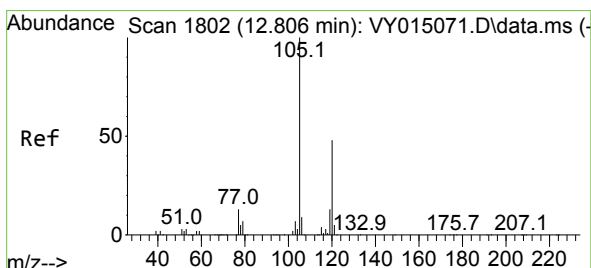
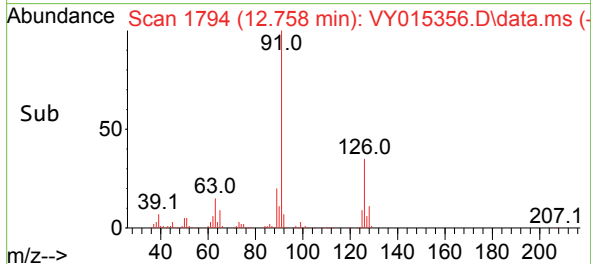
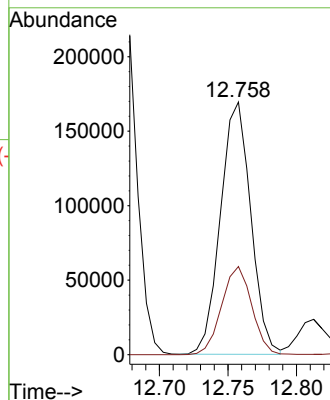
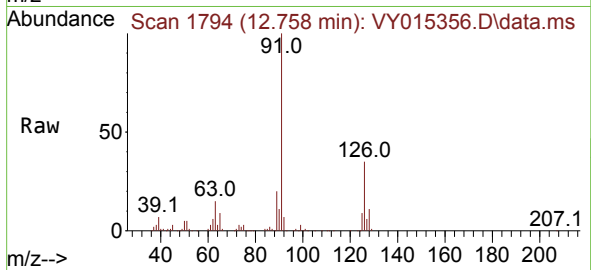
ClientSampleId :

Tgt Ion: 91 Resp: 260775

Ion Ratio Lower Upper

91 100

126 34.7 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 48.335 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY015356.D

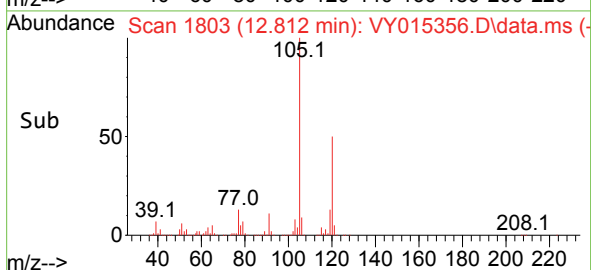
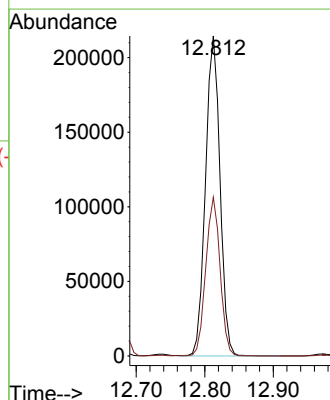
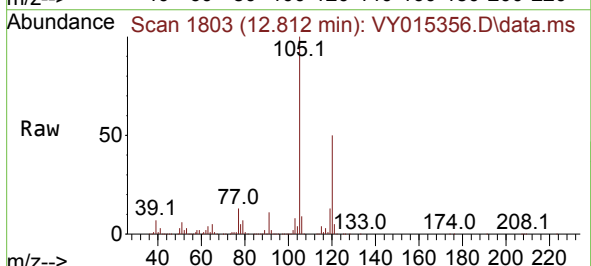
Acq: 25 Aug 2023 20:35

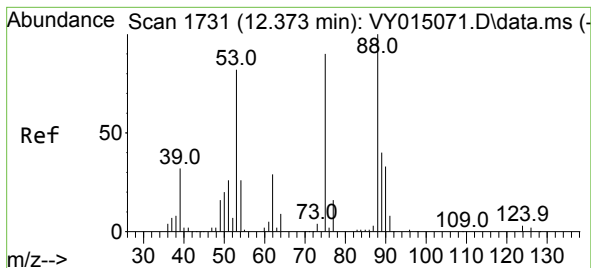
Tgt Ion: 105 Resp: 315992

Ion Ratio Lower Upper

105 100

120 48.8 23.9 71.7

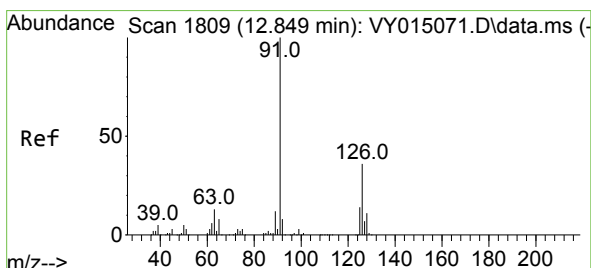
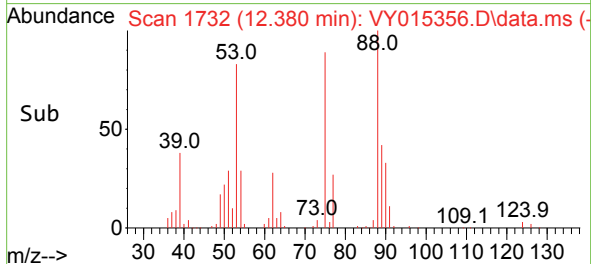
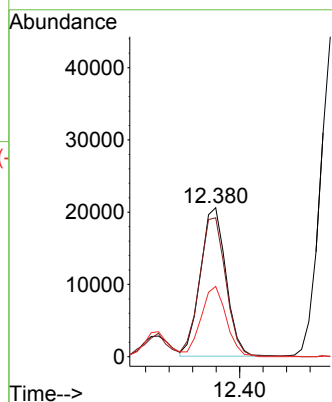
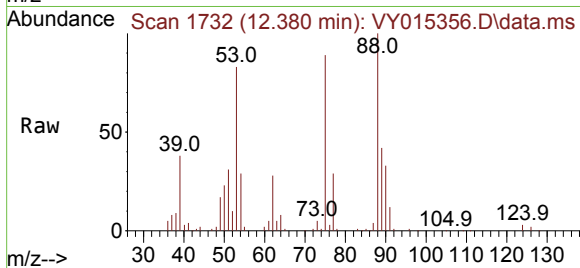




#81
trans-1,4-Dichloro-2-butene
Concen: 46.004 ug/l
RT: 12.380 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

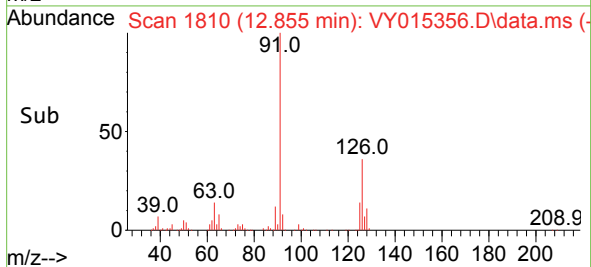
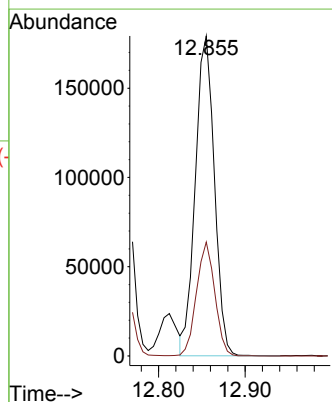
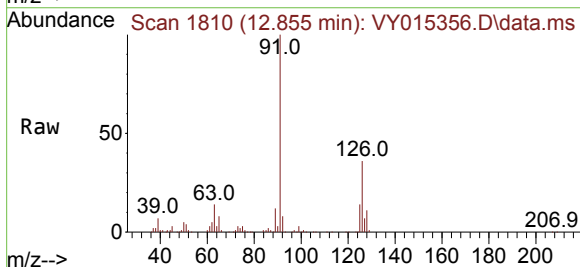
Instrument :
MSVOA_Y
ClientSampleId :

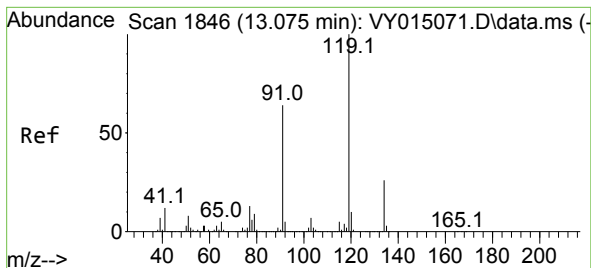
Tgt Ion: 75 Resp: 31035
Ion Ratio Lower Upper
75 100
53 96.1 77.8 116.8
89 46.1 37.4 56.0



#82
4-Chlorotoluene
Concen: 49.220 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 91 Resp: 273199
Ion Ratio Lower Upper
91 100
126 34.3 17.2 51.6





#83

tert-Butylbenzene

Concen: 47.917 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

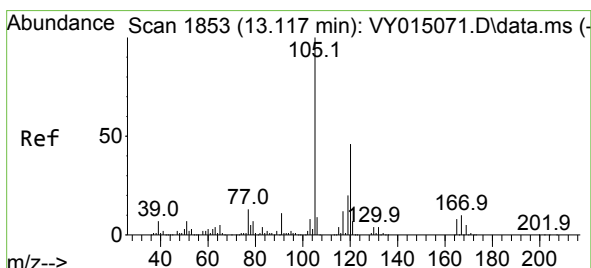
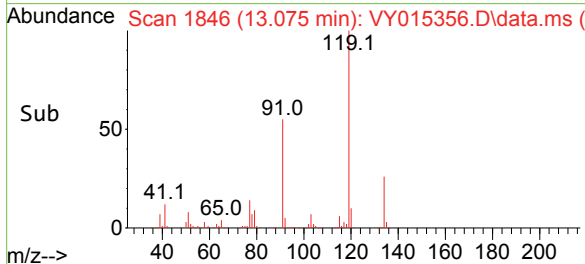
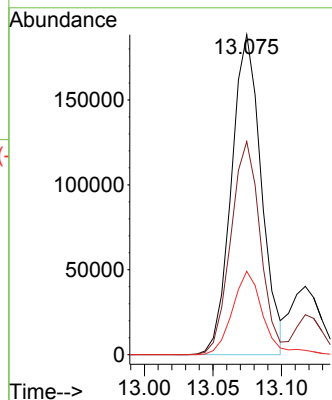
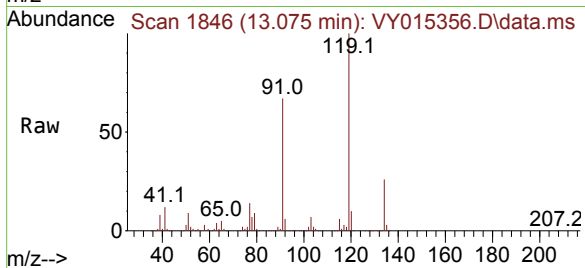
Tgt Ion:119 Resp: 286526

Ion Ratio Lower Upper

119 100

91 65.6 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.760 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY015356.D

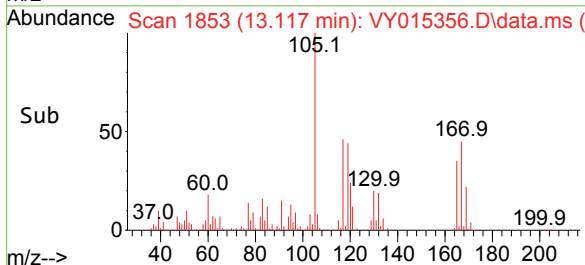
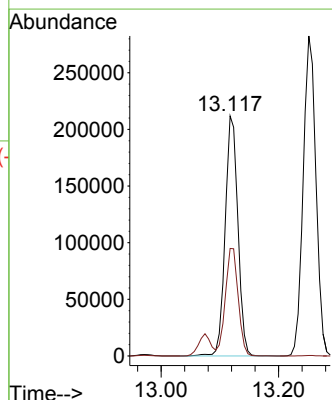
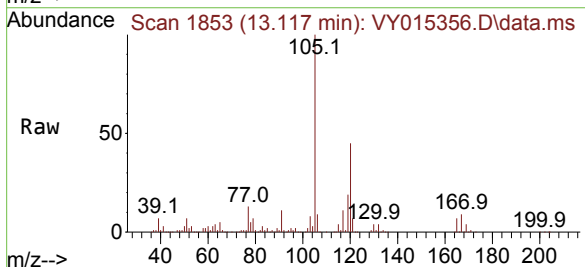
Acq: 25 Aug 2023 20:35

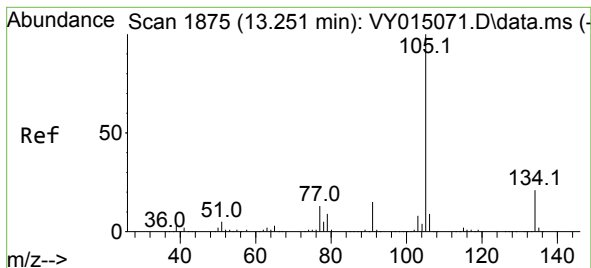
Tgt Ion:105 Resp: 318530

Ion Ratio Lower Upper

105 100

120 45.2 22.2 66.6





#85

sec-Butylbenzene

Concen: 48.649 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

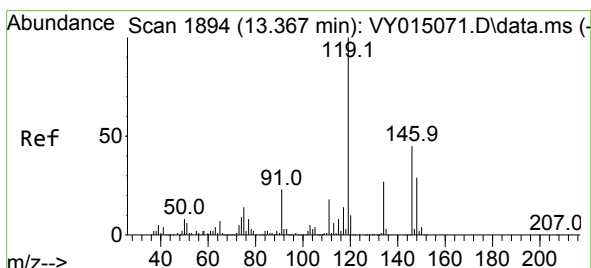
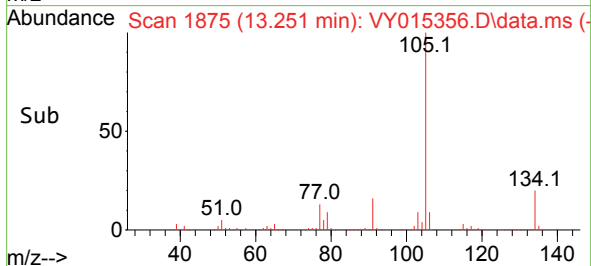
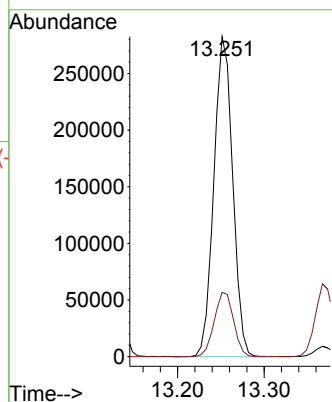
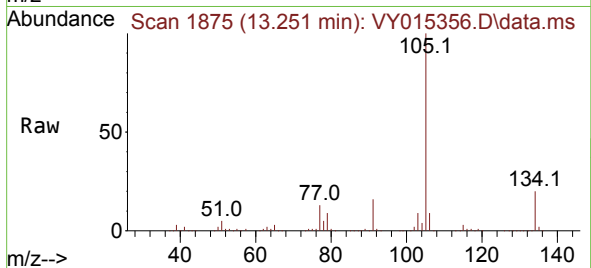
ClientSampleId :

Tgt Ion:105 Resp: 426239

Ion Ratio Lower Upper

105 100

134 20.7 10.2 30.6



#86

p-Isopropyltoluene

Concen: 48.847 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

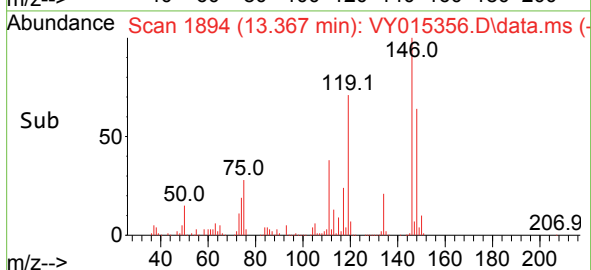
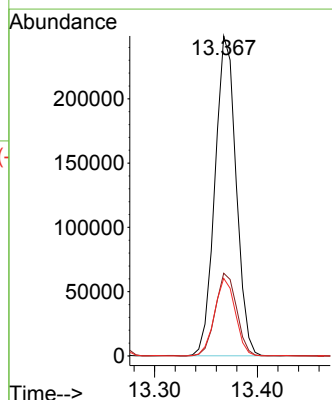
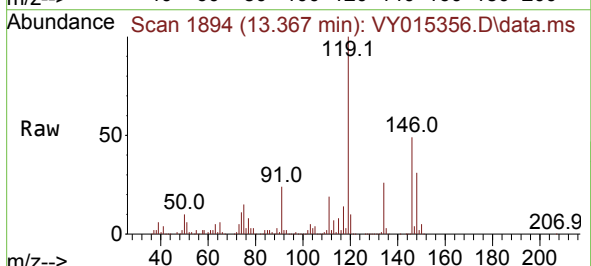
Tgt Ion:119 Resp: 354823

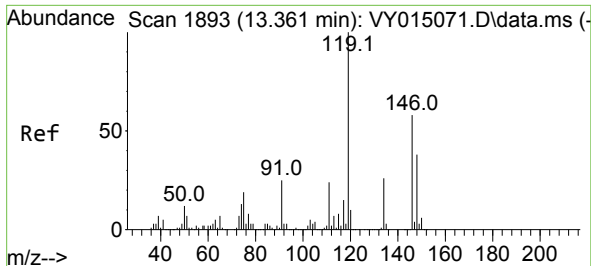
Ion Ratio Lower Upper

119 100

134 26.2 13.3 39.8

91 23.8 12.4 37.4

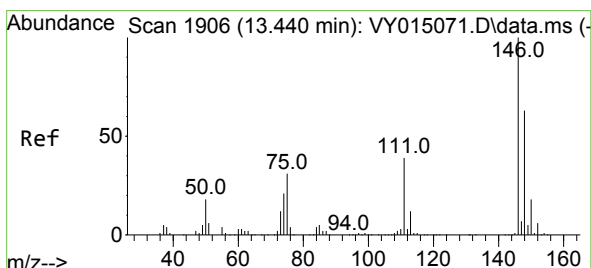
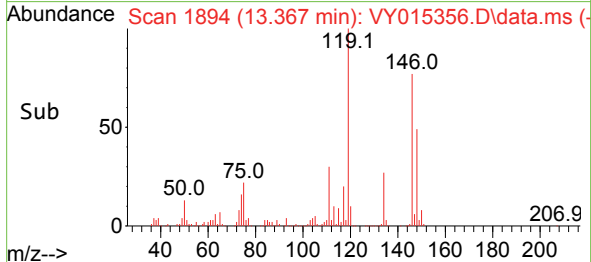
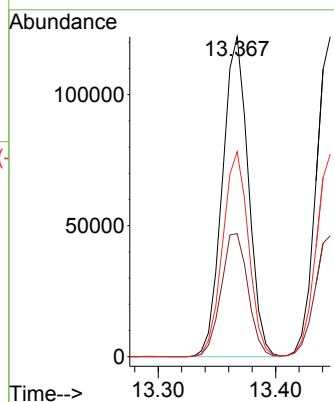
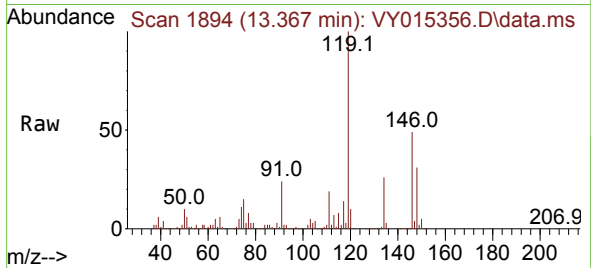




#87
 1,3-Dichlorobenzene
 Concen: 49.328 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY015356.D
 Acq: 25 Aug 2023 20:35

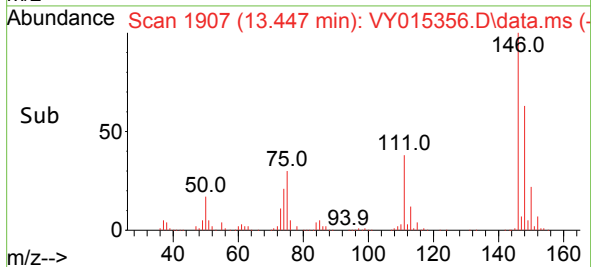
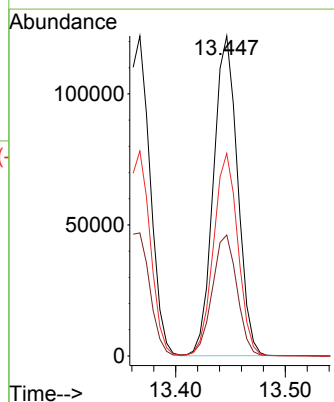
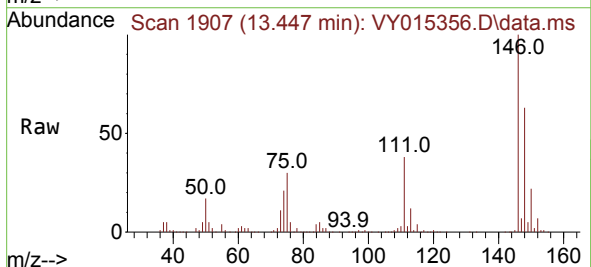
Instrument :
 MSVOA_Y
 ClientSampleId :

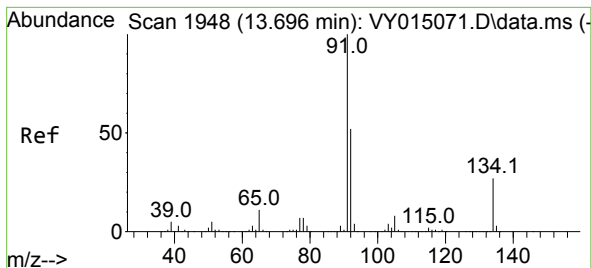
Tgt Ion:146 Resp: 187038
 Ion Ratio Lower Upper
 146 100
 111 40.0 19.4 58.2
 148 63.9 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.065 ug/l
 RT: 13.447 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY015356.D
 Acq: 25 Aug 2023 20:35

Tgt Ion:146 Resp: 186601
 Ion Ratio Lower Upper
 146 100
 111 38.9 18.9 56.7
 148 64.1 32.1 96.5

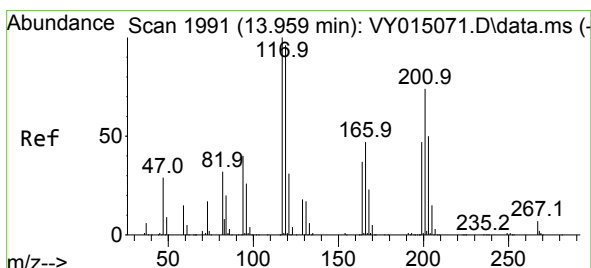
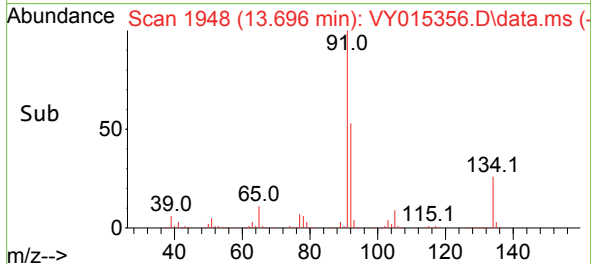
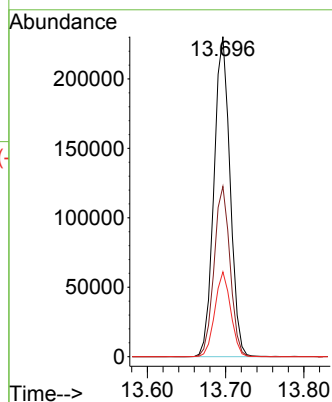
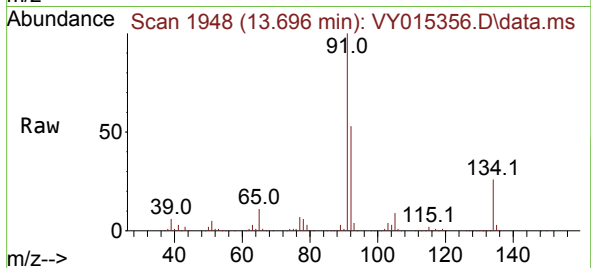




#89
n-Butylbenzene
Concen: 48.048 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

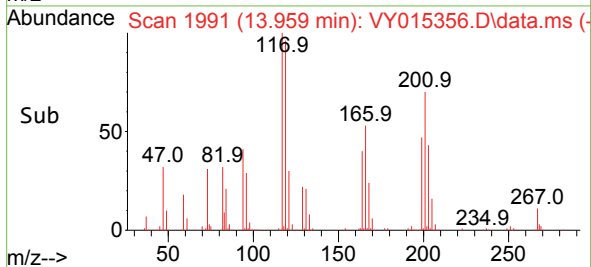
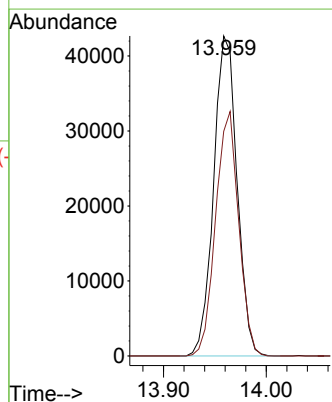
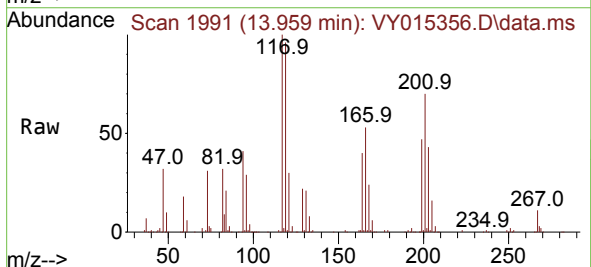
Instrument :
MSVOA_Y
ClientSampleId :

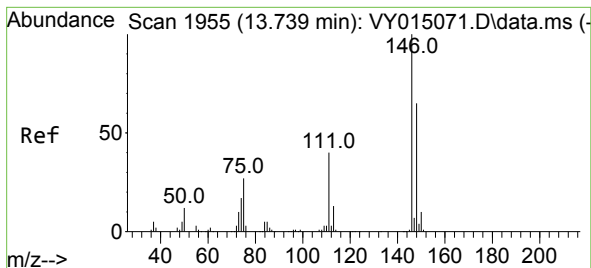
Tgt Ion: 91 Resp: 329079
Ion Ratio Lower Upper
91 100
92 52.8 25.4 76.0
134 26.1 12.6 37.6



#90
Hexachloroethane
Concen: 46.889 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY015356.D
Acq: 25 Aug 2023 20:35

Tgt Ion: 117 Resp: 67570
Ion Ratio Lower Upper
117 100
201 75.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 50.830 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

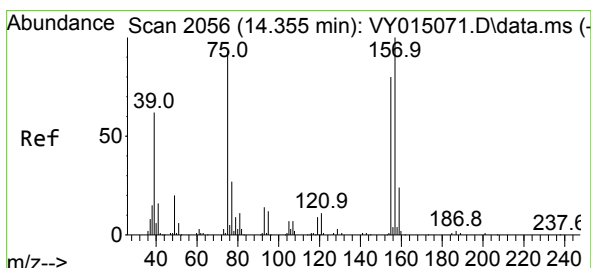
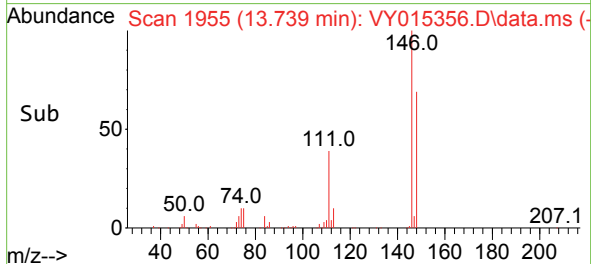
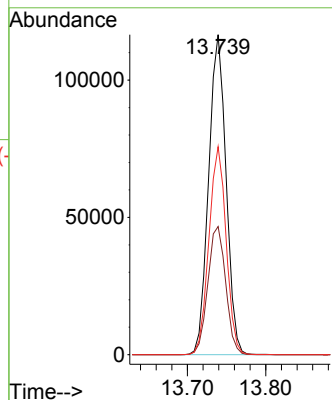
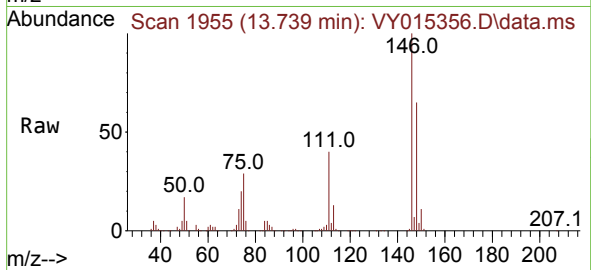
Tgt Ion:146 Resp: 180048

Ion Ratio Lower Upper

146 100

111 41.1 19.7 59.0

148 64.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.549 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

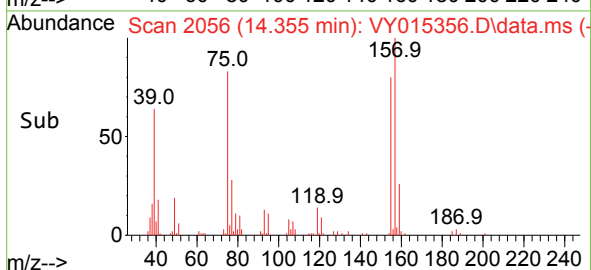
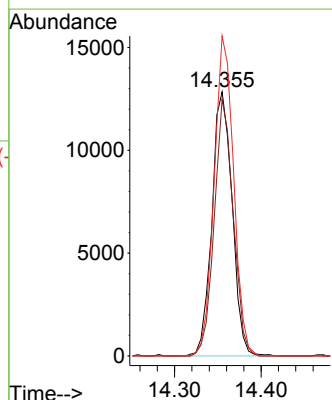
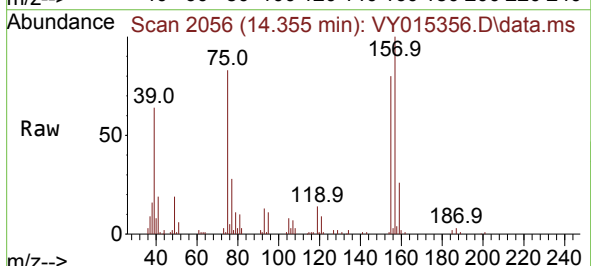
Tgt Ion: 75 Resp: 20793

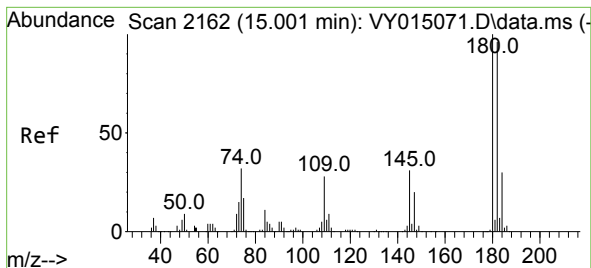
Ion Ratio Lower Upper

75 100

155 91.4 41.5 124.6

157 117.1 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 49.120 ug/l

RT: 15.007 min Scan# 2162

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

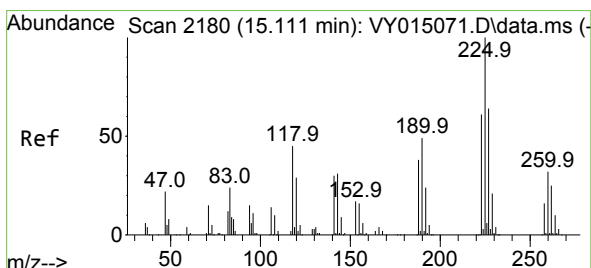
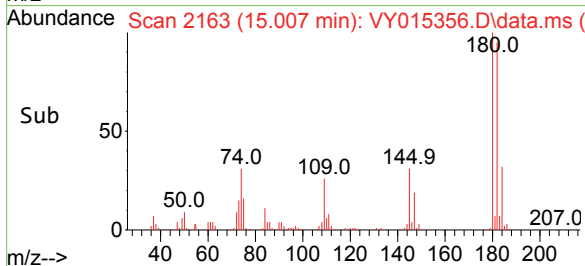
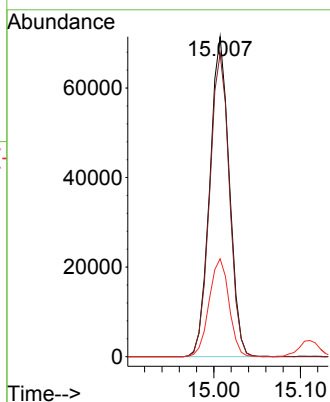
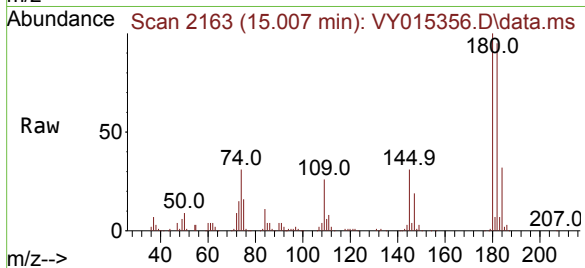
Tgt Ion:180 Resp: 111703

Ion Ratio Lower Upper

180 100

182 95.6 47.0 141.2

145 31.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.084 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

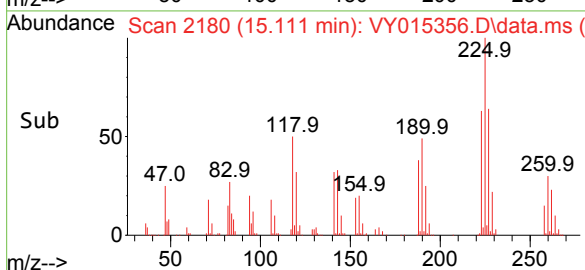
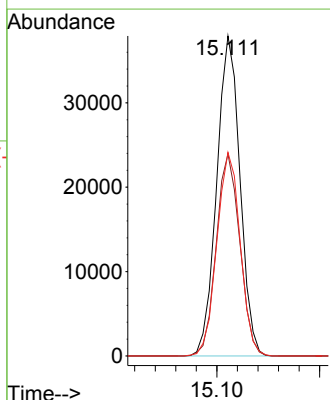
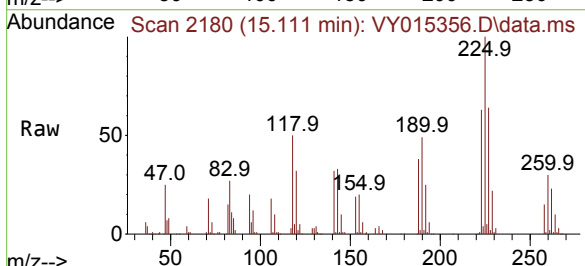
Tgt Ion:225 Resp: 59479

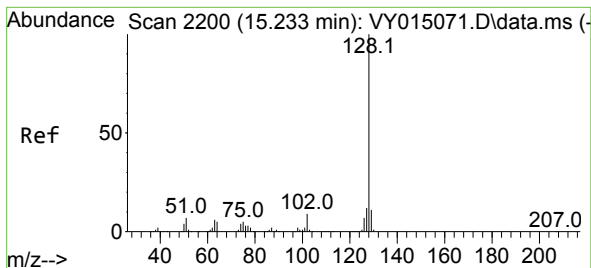
Ion Ratio Lower Upper

225 100

223 63.8 31.9 95.9

227 64.0 33.0 98.9





#95

Naphthalene

Concen: 52.431 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Instrument :

MSVOA_Y

ClientSampleId :

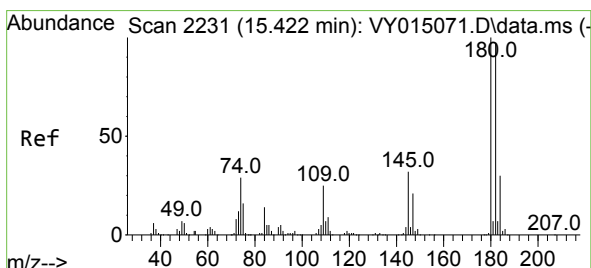
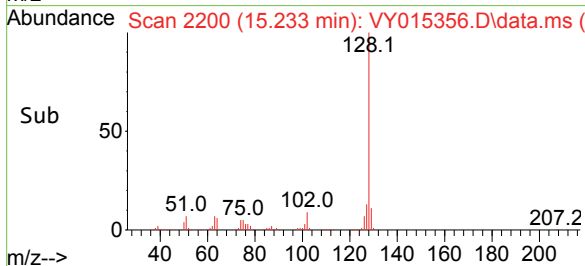
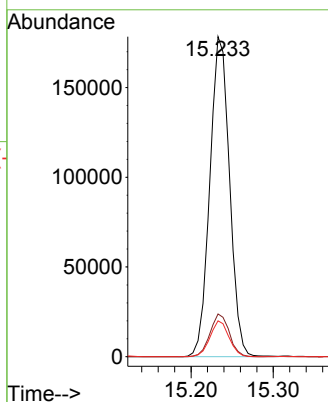
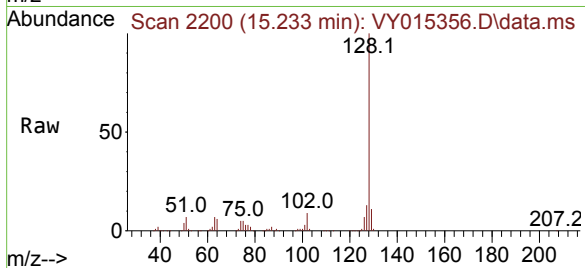
Tgt Ion:128 Resp: 297013

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.080 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY015356.D

Acq: 25 Aug 2023 20:35

Tgt Ion:180 Resp: 104905

Ion Ratio Lower Upper

180 100

182 94.9 47.3 141.8

145 32.7 15.4 46.2

