

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090523\
 Data File : VY015430.D
 Acq On : 05 Sep 2023 12:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Sep 06 01:41:56 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	175686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	292623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	275771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	139804	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	97635	51.842	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.680%	
35) Dibromofluoromethane	7.710	113	88491	52.503	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.000%	
50) Toluene-d8	10.179	98	309749	50.748	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.500%	
62) 4-Bromofluorobenzene	12.477	95	117823	51.999	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.000%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	66776	43.725	ug/l	99
3) Chloromethane	2.107	50	99546	49.081	ug/l	99
4) Vinyl Chloride	2.241	62	108630	46.016	ug/l	98
5) Bromomethane	2.637	94	75343	44.854	ug/l	99
6) Chloroethane	2.778	64	73989	47.683	ug/l	97
7) Trichlorofluoromethane	3.107	101	151151	45.265	ug/l	100
8) Diethyl Ether	3.521	74	61319	53.732	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.881	101	86382	46.673	ug/l	94
10) Methyl Iodide	4.076	142	109494	50.378	ug/l	98
11) Tert butyl alcohol	4.966	59	116933	287.193	ug/l #	86
12) 1,1-Dichloroethene	3.857	96	83337	47.718	ug/l	97
13) Acrolein	3.723	56	124051	237.694	ug/l	99
14) Allyl chloride	4.466	41	148250	53.316	ug/l	95
15) Acrylonitrile	5.155	53	209578	291.851	ug/l	99
16) Acetone	3.948	43	225577	286.960	ug/l	94
17) Carbon Disulfide	4.180	76	250272	47.935	ug/l	99
18) Methyl Acetate	4.472	43	166712	58.552	ug/l	94
19) Methyl tert-butyl Ether	5.210	73	306104	53.928	ug/l	99
20) Methylene Chloride	4.704	84	120049	47.174	ug/l	91
21) trans-1,2-Dichloroethene	5.204	96	100574	50.010	ug/l	98
22) Diisopropyl ether	6.112	45	319289	52.503	ug/l	93
23) Vinyl Acetate	6.051	43	1060120	276.096	ug/l	95
24) 1,1-Dichloroethane	6.003	63	179314	51.007	ug/l	98
25) 2-Butanone	6.978	43	326004	292.397	ug/l	99
26) 2,2-Dichloropropane	6.972	77	154326	51.685	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	117452	51.481	ug/l	96
28) Bromochloromethane	7.326	49	58452	54.220	ug/l	98
29) Tetrahydrofuran	7.344	42	205526	293.544	ug/l	95
30) Chloroform	7.496	83	186873	50.566	ug/l	96
31) Cyclohexane	7.777	56	146093	43.670	ug/l	95
32) 1,1,1-Trichloroethane	7.691	97	159802	48.411	ug/l	99
36) 1,1-Dichloropropene	7.911	75	138394	46.763	ug/l	99
37) Ethyl Acetate	7.063	43	132872	58.214	ug/l	97
38) Carbon Tetrachloride	7.893	117	141380	46.255	ug/l	98
39) Methylcyclohexane	9.179	83	164388	44.122	ug/l	94
40) Benzene	8.155	78	410506	49.717	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	177697	166.019	ug/l	# 29
42) 1,2-Dichloroethane	8.228	62	135577	49.242	ug/l	93
43) Isopropyl Acetate	8.264	43	220020	55.745	ug/l	98
44) Trichloroethene	8.935	130	114031	48.812	ug/l	98
45) 1,2-Dichloropropane	9.209	63	107094	51.451	ug/l	98
46) Dibromomethane	9.301	93	71580	51.771	ug/l	96
47) Bromodichloromethane	9.490	83	153278	51.839	ug/l	97
48) Methyl methacrylate	9.289	41	97215	53.683	ug/l	92
49) 1,4-Dioxane	9.301	88	28264	1100.549	ug/l	# 49
51) 4-Methyl-2-Pentanone	10.069	43	664313	289.583	ug/l	93
52) Toluene	10.240	92	264022	49.890	ug/l	94
53) t-1,3-Dichloropropene	10.459	75	166209	52.893	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	178593	52.247	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	98710	52.985	ug/l	97
56) Ethyl methacrylate	10.508	69	150804	54.625	ug/l	90
57) 1,3-Dichloropropane	10.788	76	167187	52.134	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	269459	273.452	ug/l	96
59) 2-Hexanone	10.831	43	504528	293.104	ug/l	91
60) Dibromochloromethane	10.983	129	115857	53.133	ug/l	99
61) 1,2-Dibromoethane	11.087	107	101430	53.732	ug/l	99
64) Tetrachloroethene	10.715	164	127498	50.937	ug/l	97
65) Chlorobenzene	11.514	112	287567	48.391	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	109678	50.425	ug/l	98
67) Ethyl Benzene	11.587	91	508794	47.682	ug/l	99
68) m/p-Xylenes	11.697	106	396335	95.824	ug/l	95
69) o-Xylene	12.026	106	191773	48.515	ug/l	98
70) Styrene	12.038	104	331972	49.948	ug/l	97
71) Bromoform	12.203	173	81845	53.943	ug/l	# 99
73) Isopropylbenzene	12.325	105	494913	47.129	ug/l	100
74) N-amyl acetate	12.142	43	195034	55.282	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	132126	52.707	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	181518	97.909	ug/l	# 100
77) Bromobenzene	12.605	156	121325	48.781	ug/l	95
78) n-propylbenzene	12.666	91	604817	47.598	ug/l	100
79) 2-Chlorotoluene	12.751	91	346597	48.631	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	420400	47.862	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	46525	55.357	ug/l	97
82) 4-Chlorotoluene	12.849	91	359829	48.579	ug/l	100
83) tert-Butylbenzene	13.075	119	360650	46.879	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	421416	48.322	ug/l	99
85) sec-Butylbenzene	13.251	105	537435	46.836	ug/l	100
86) p-Isopropyltoluene	13.367	119	456137	47.429	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	240717	49.025	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	241498	48.656	ug/l	99
89) n-Butylbenzene	13.696	91	429801	47.482	ug/l	97
90) Hexachloroethane	13.958	117	85246	49.561	ug/l	88
91) 1,2-Dichlorobenzene	13.739	146	223288	49.831	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	27575	55.607	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	142432	50.614	ug/l	98
94) Hexachlorobutadiene	15.111	225	71728	46.744	ug/l	98
95) Naphthalene	15.233	128	383209	54.974	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	132951	51.796	ug/l	99

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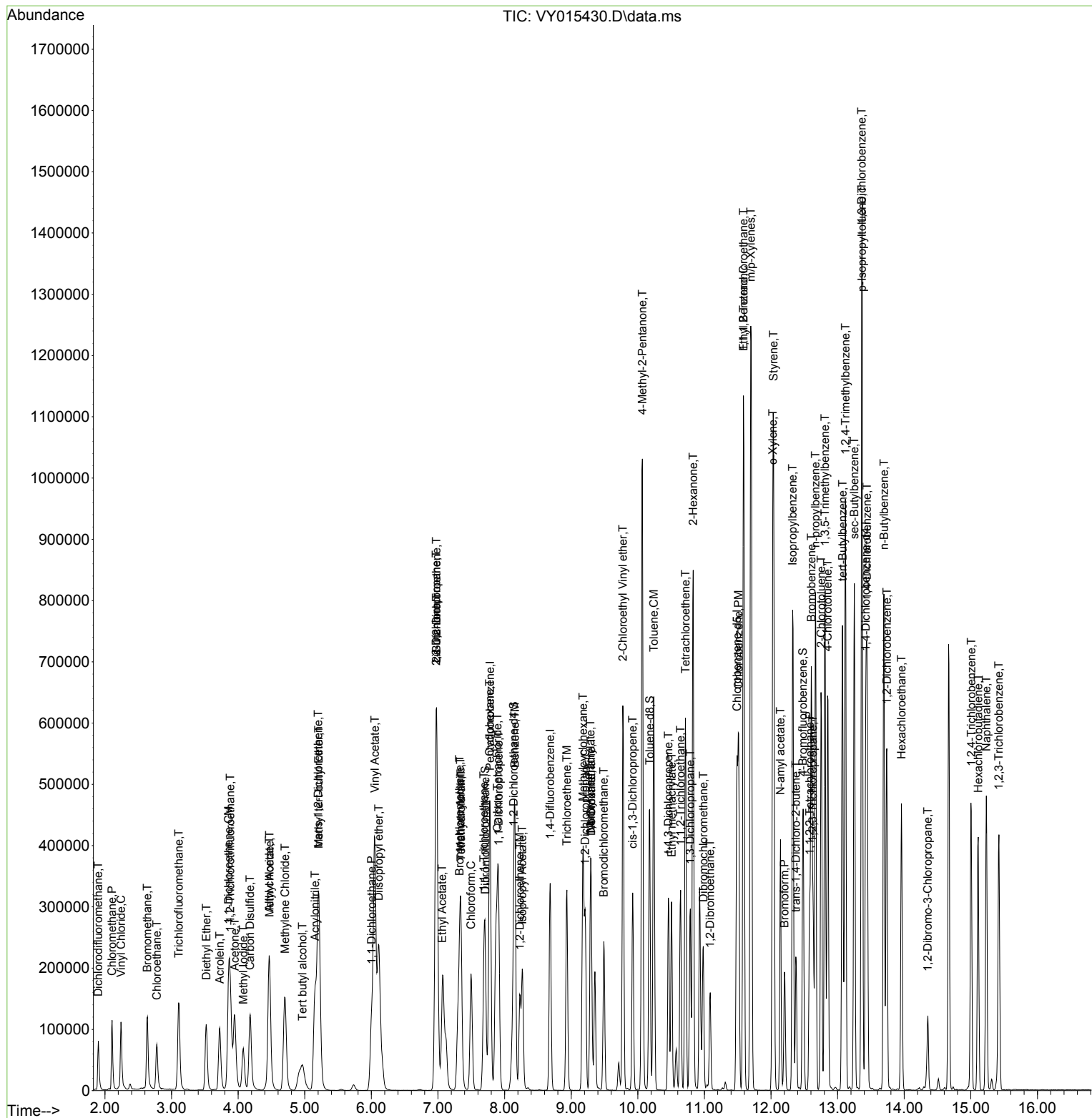
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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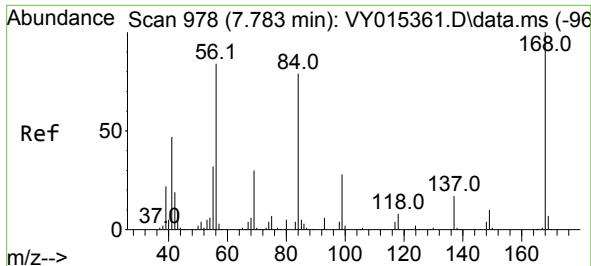
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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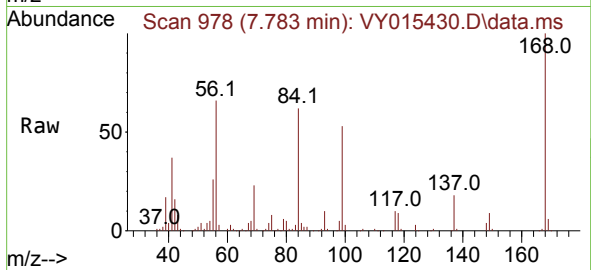
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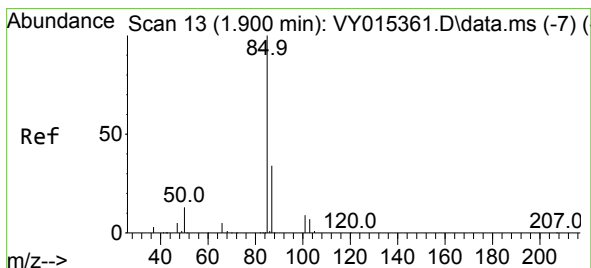
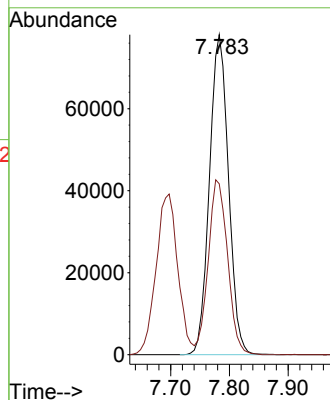
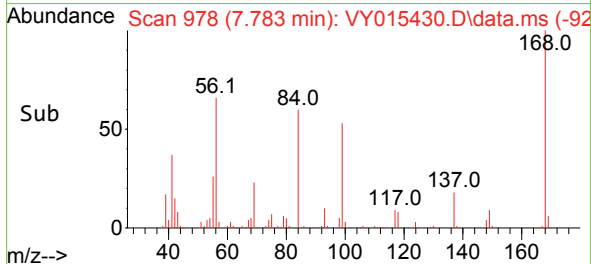


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
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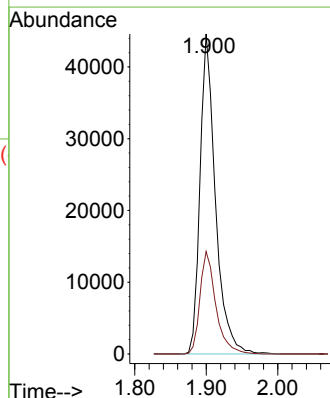
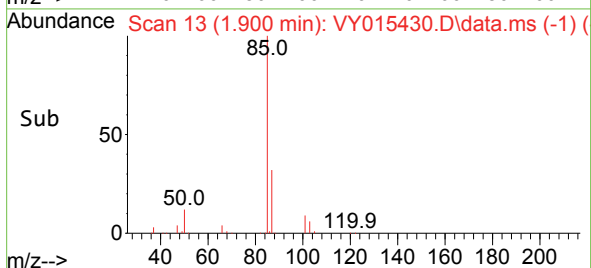
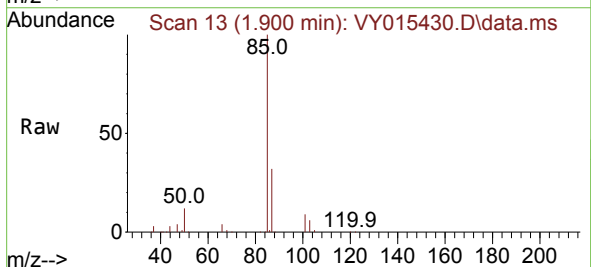


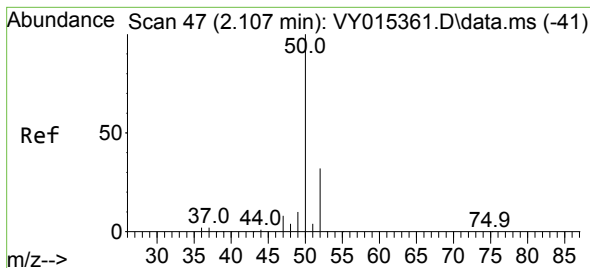
Tgt Ion:168 Resp: 175686
Ion Ratio Lower Upper
168 100
99 53.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 43.725 ug/l
RT: 1.900 min Scan# 13
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 85 Resp: 66776
Ion Ratio Lower Upper
85 100
87 32.0 15.6 46.8





#3

Chloromethane

Concen: 49.081 ug/l

RT: 2.107 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

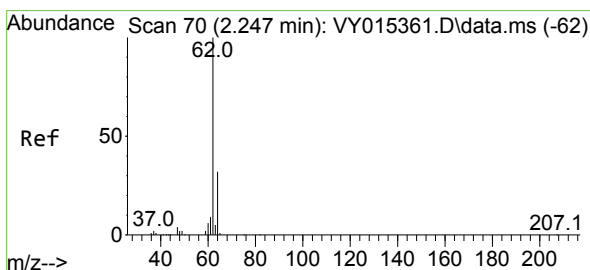
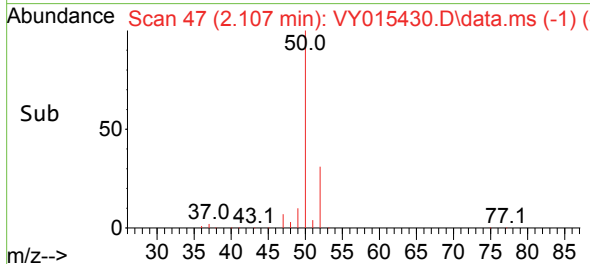
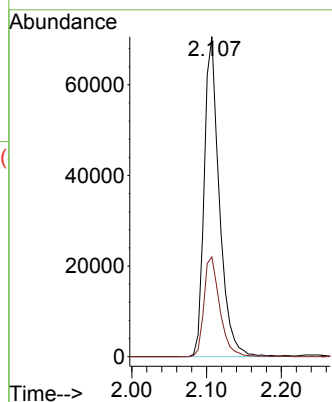
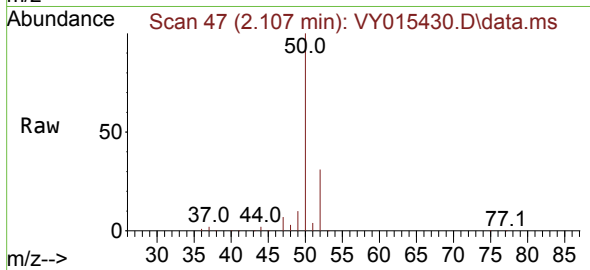
ClientSampleId :

Tgt Ion: 50 Resp: 99546

Ion Ratio Lower Upper

50 100

52 31.2 25.4 38.2



#4

Vinyl Chloride

Concen: 46.016 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.000 min

Lab File: VY015430.D

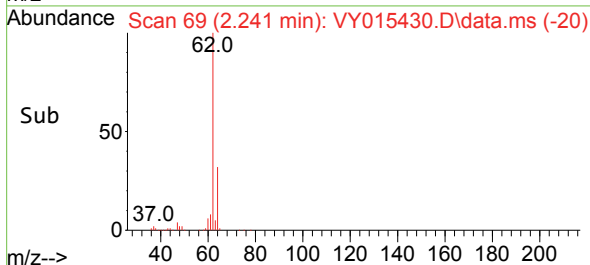
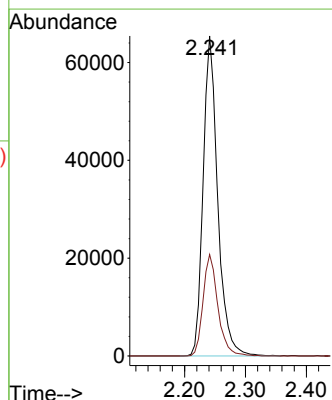
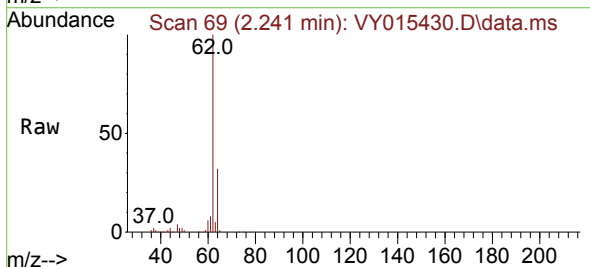
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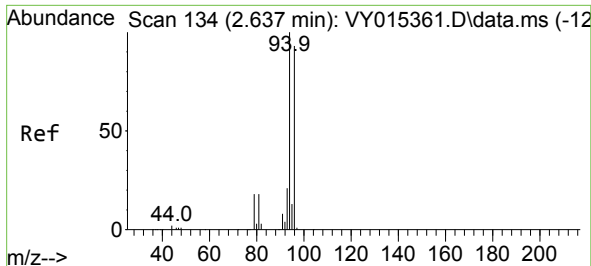
Tgt Ion: 62 Resp: 108630

Ion Ratio Lower Upper

62 100

64 31.7 24.3 36.5





#5

Bromomethane

Concen: 44.854 ug/l

RT: 2.637 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

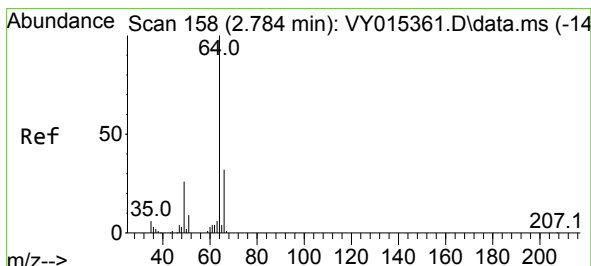
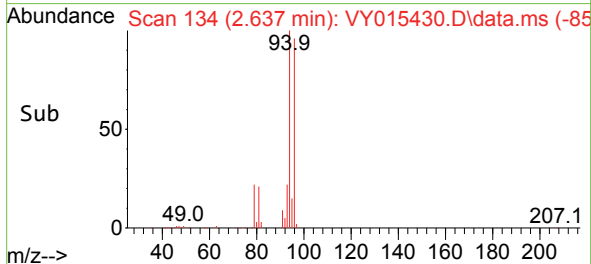
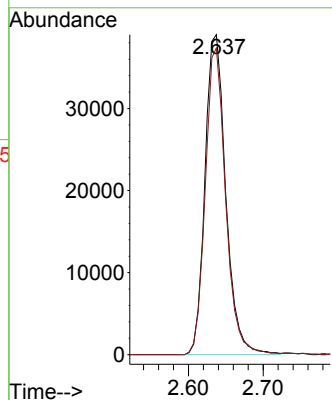
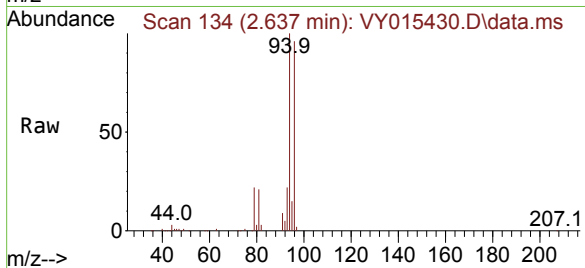
ClientSampleId :

Tgt Ion: 94 Resp: 75343

Ion Ratio Lower Upper

94 100

96 95.8 75.8 113.6



#6

Chloroethane

Concen: 47.683 ug/l

RT: 2.778 min Scan# 157

Delta R.T. -0.006 min

Lab File: VY015430.D

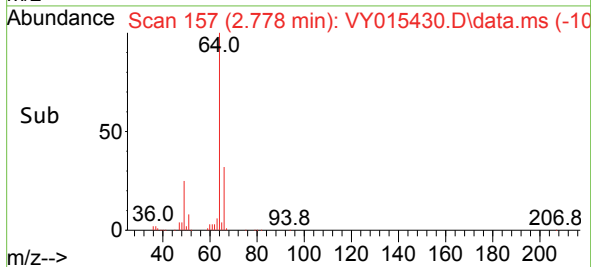
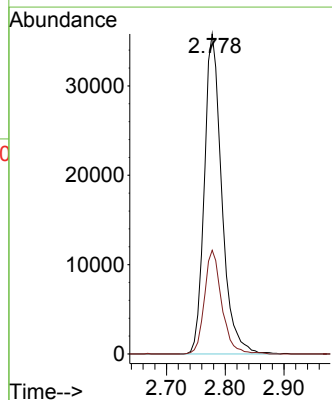
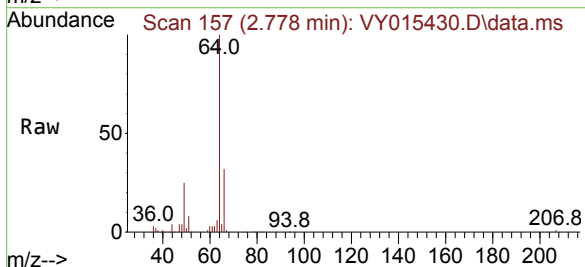
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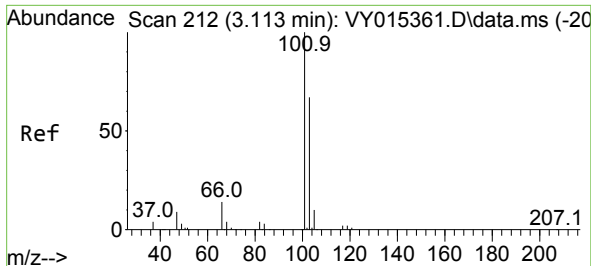
Tgt Ion: 64 Resp: 73989

Ion Ratio Lower Upper

64 100

66 32.4 24.4 36.6

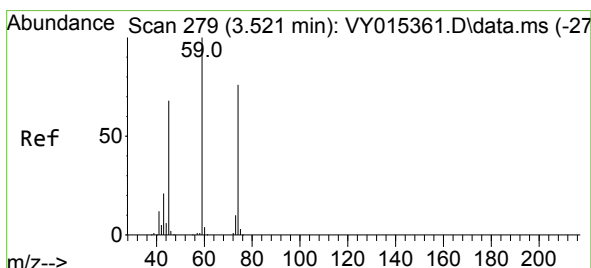
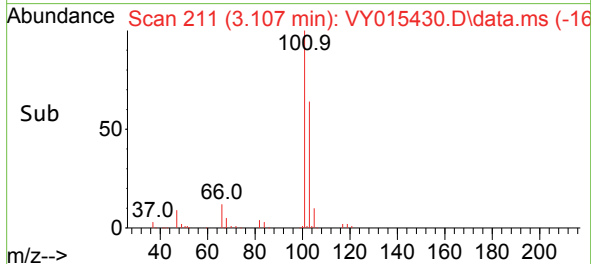
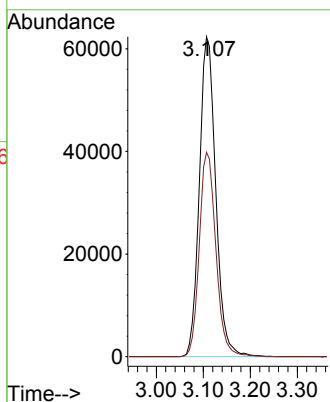
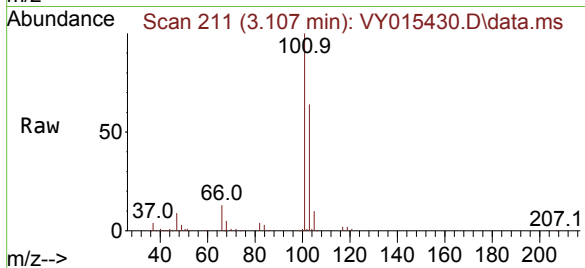




#7
Trichlorofluoromethane
Concen: 45.265 ug/l
RT: 3.107 min Scan# 212
Delta R.T. -0.006 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

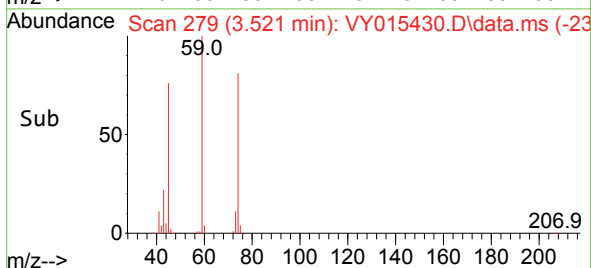
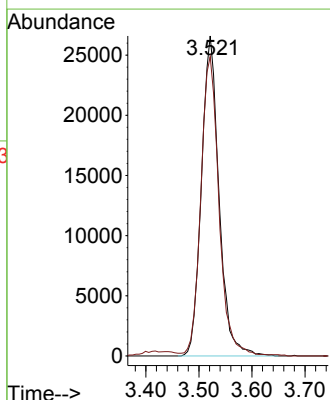
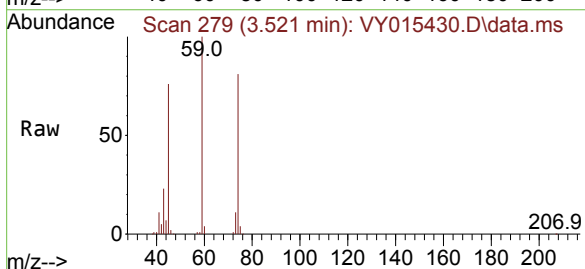
Instrument :
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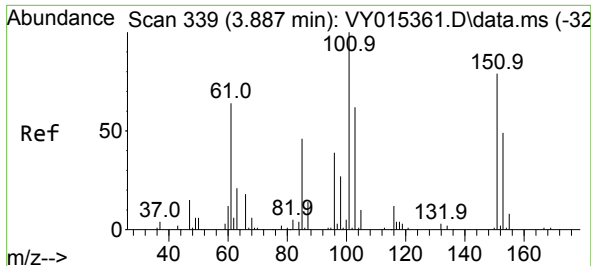
Tgt Ion:101 Resp: 151151
Ion Ratio Lower Upper
101 100
103 63.9 51.4 77.0



#8
Diethyl Ether
Concen: 53.732 ug/l
RT: 3.521 min Scan# 279
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 74 Resp: 61319
Ion Ratio Lower Upper
74 100
45 95.3 51.5 154.5

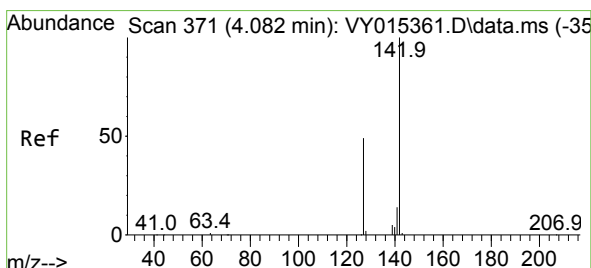
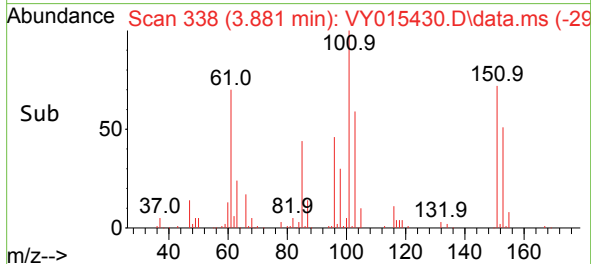
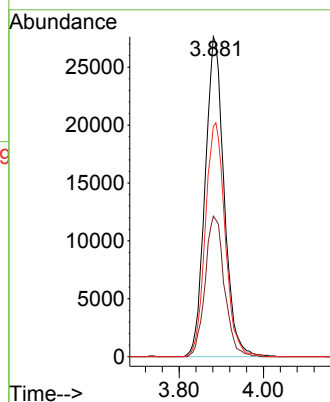
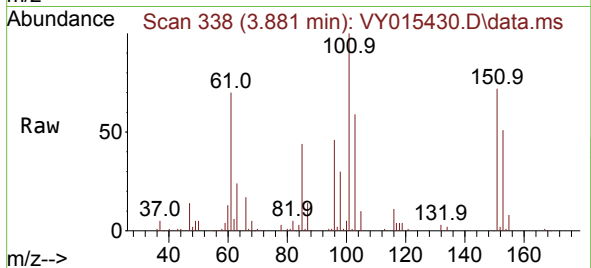




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.673 ug/l
RT: 3.881 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

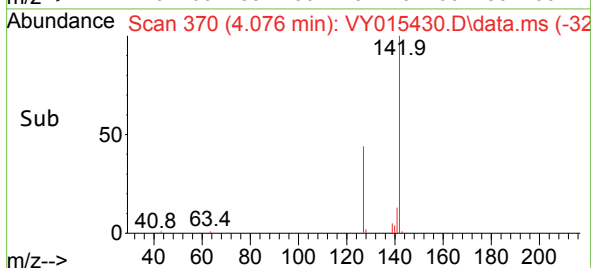
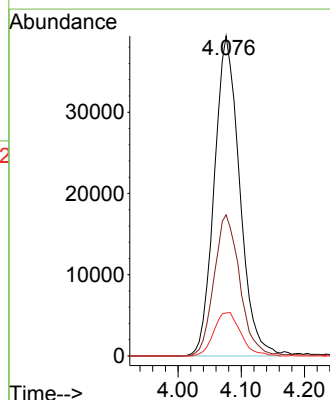
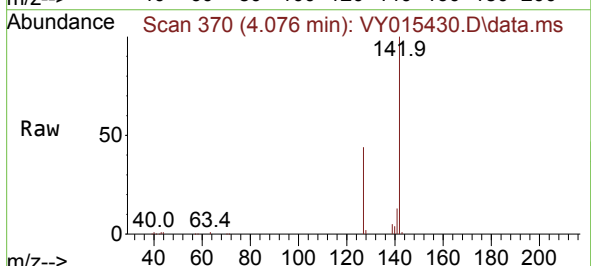
Instrument :
MSVOA_Y
ClientSampleId :

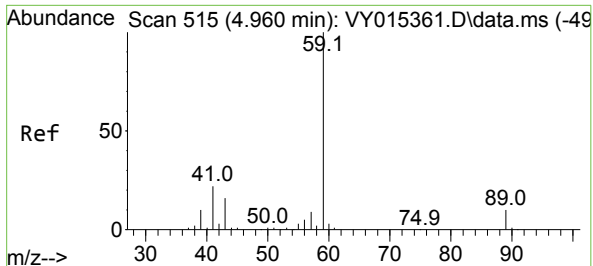
Tgt Ion:101 Resp: 86382
Ion Ratio Lower Upper
101 100
85 44.6 36.6 55.0
151 76.0 67.0 100.6



#10
Methyl Iodide
Concen: 50.378 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion:142 Resp: 109494
Ion Ratio Lower Upper
142 100
127 45.0 37.6 56.4
141 14.4 11.8 17.8

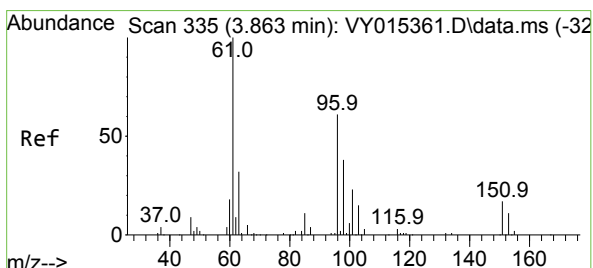
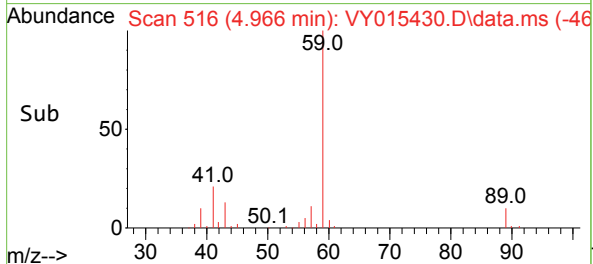
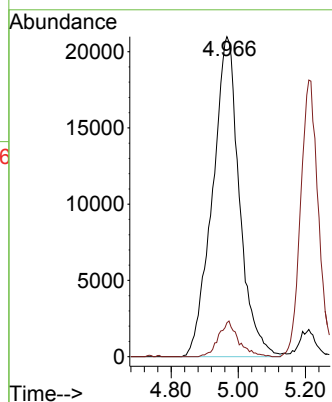
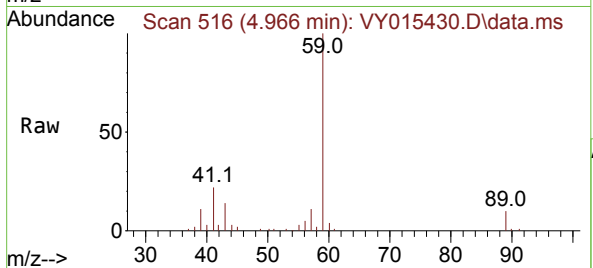




#11
Tert butyl alcohol
Concen: 287.193 ug/l
RT: 4.966 min Scan# 515
Delta R.T. 0.012 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

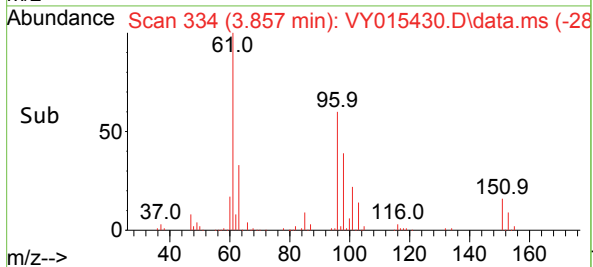
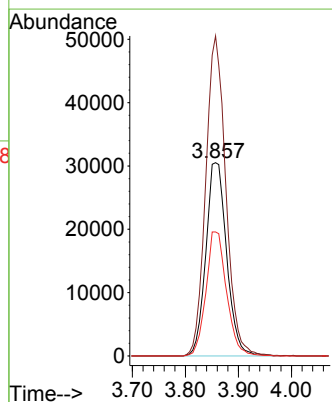
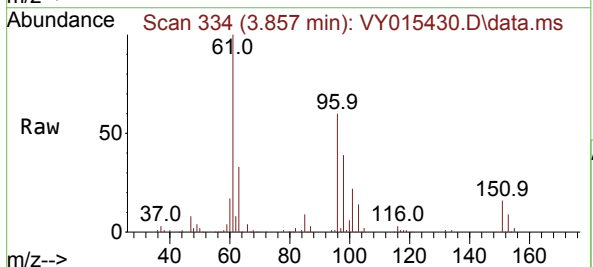
Instrument :
MSVOA_Y
ClientSampleId :

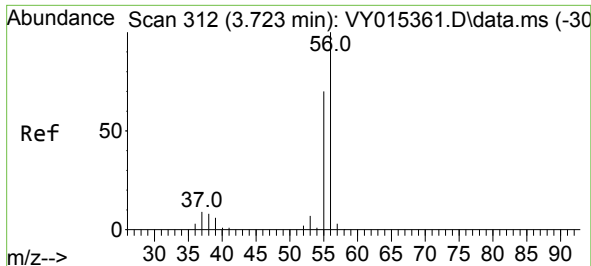
Tgt Ion: 59 Resp: 116933
Ion Ratio Lower Upper
59 100
57 8.3 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.718 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 96 Resp: 83337
Ion Ratio Lower Upper
96 100
61 165.5 136.4 204.6
98 64.1 49.4 74.2

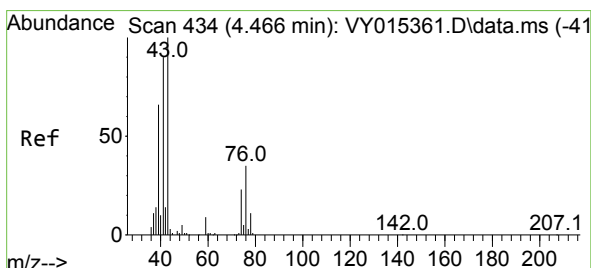
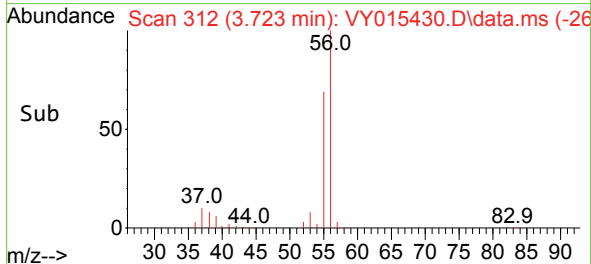
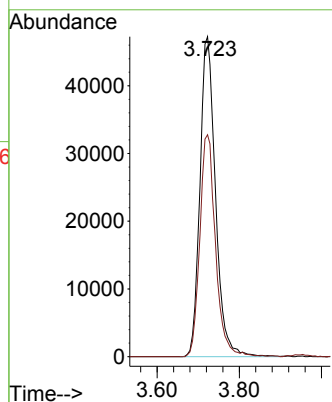
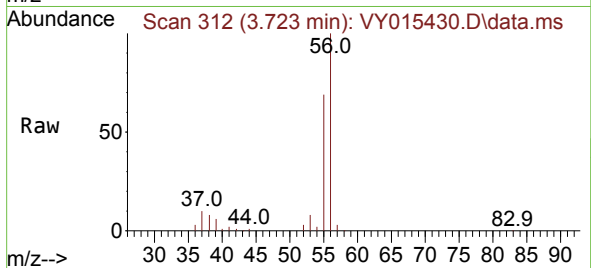




#13
Acrolein
Concen: 237.694 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

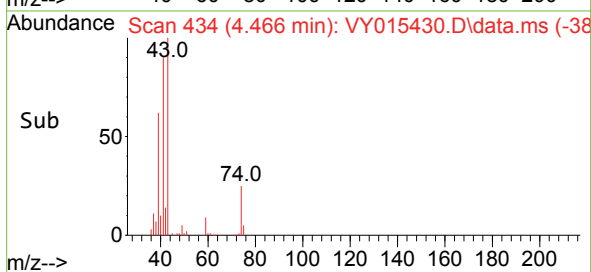
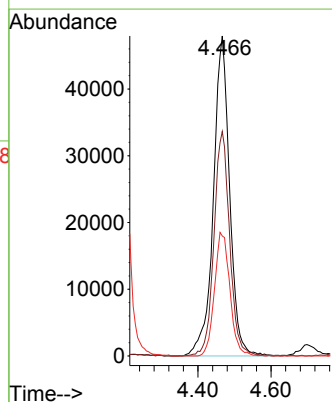
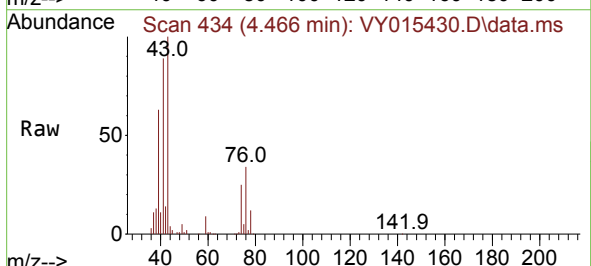
Instrument :
MSVOA_Y
ClientSampleId :

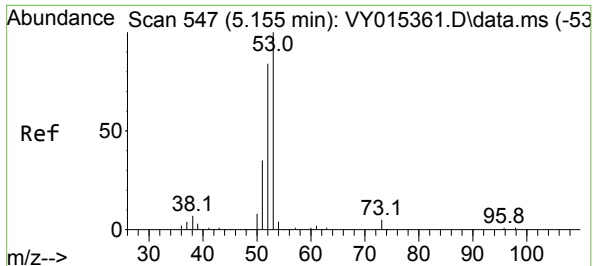
Tgt Ion: 56 Resp: 124051
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4



#14
Allyl chloride
Concen: 53.316 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

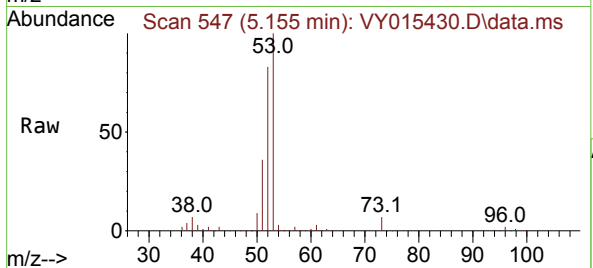
Tgt Ion: 41 Resp: 148250
Ion Ratio Lower Upper
41 100
39 67.9 58.0 87.0
76 36.6 27.4 41.2



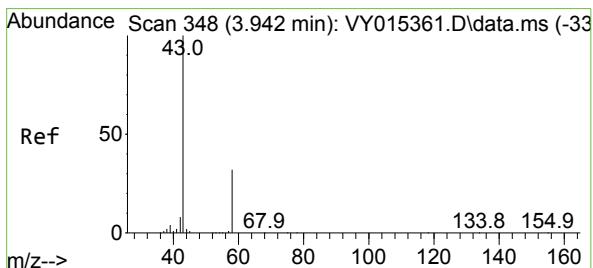
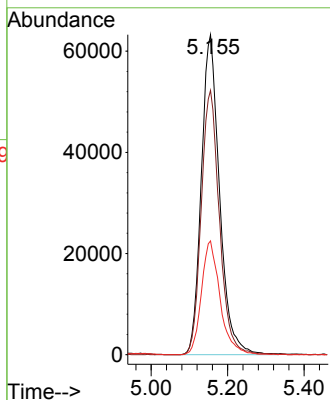


#15
Acrylonitrile
Concen: 291.851 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :

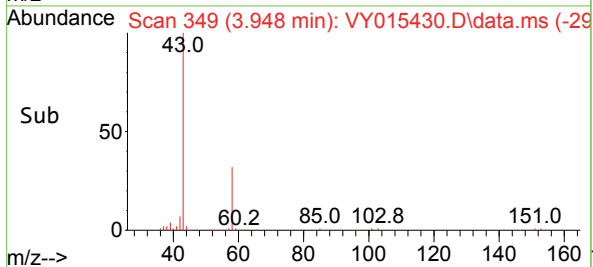
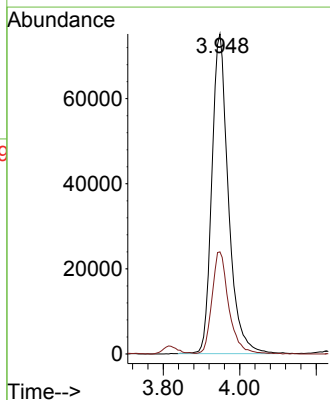
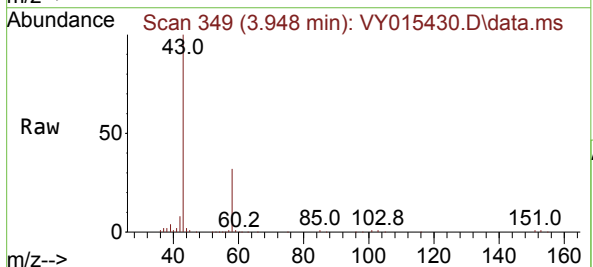


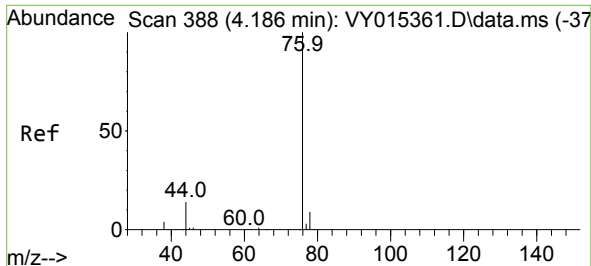
Tgt Ion: 53 Resp: 209578
Ion Ratio Lower Upper
53 100
52 82.5 66.9 100.3
51 36.4 29.8 44.6



#16
Acetone
Concen: 286.960 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 43 Resp: 225577
Ion Ratio Lower Upper
43 100
58 31.7 22.7 34.1





#17

Carbon Disulfide

Concen: 47.935 ug/l

RT: 4.180 min Scan# 388

Delta R.T. -0.006 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

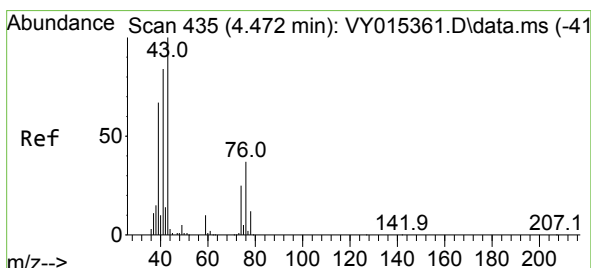
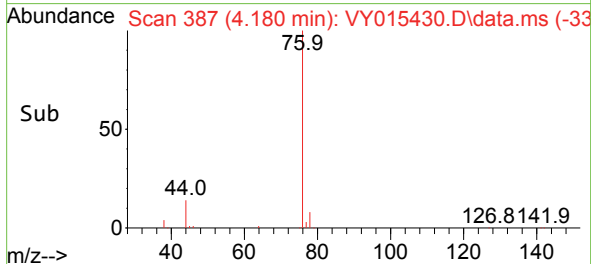
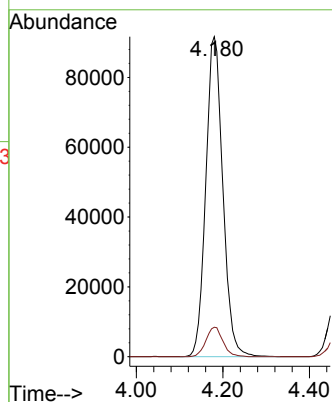
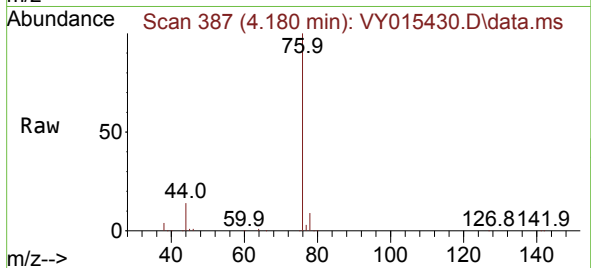
ClientSampleId :

Tgt Ion: 76 Resp: 250272

Ion Ratio Lower Upper

76 100

78 9.2 7.0 10.4



#18

Methyl Acetate

Concen: 58.552 ug/l

RT: 4.472 min Scan# 435

Delta R.T. -0.000 min

Lab File: VY015430.D

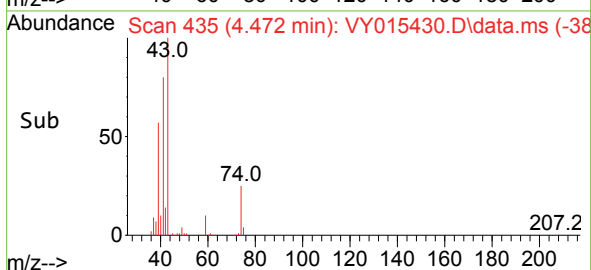
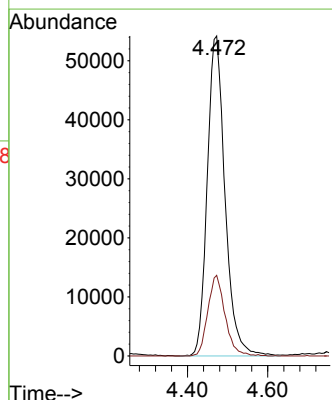
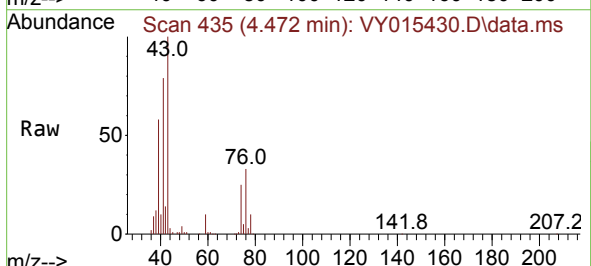
Acq: 05 Sep 2023 12:02

Tgt Ion: 43 Resp: 166712

Ion Ratio Lower Upper

43 100

74 24.4 17.4 26.0

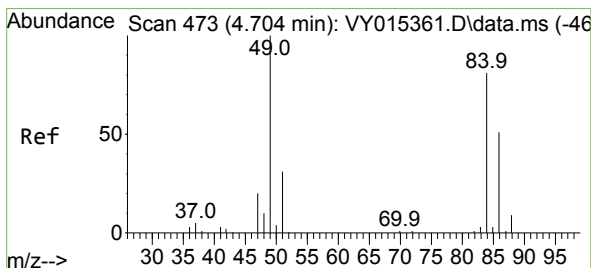
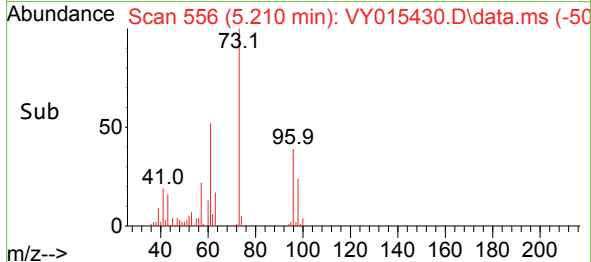
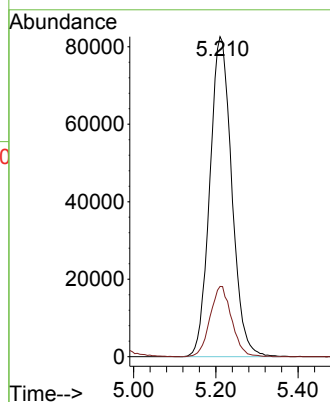
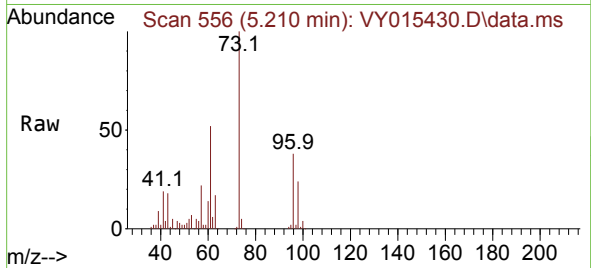




#19
Methyl tert-butyl Ether
Concen: 53.928 ug/l
RT: 5.210 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

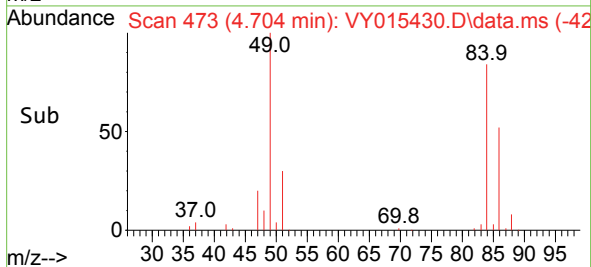
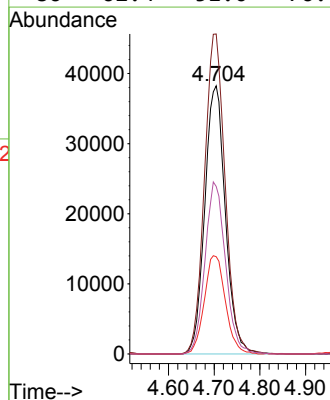
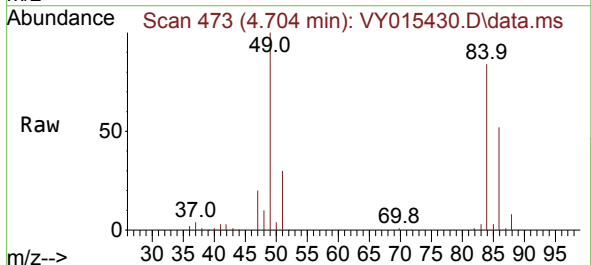
Instrument :
MSVOA_Y
ClientSampleId :

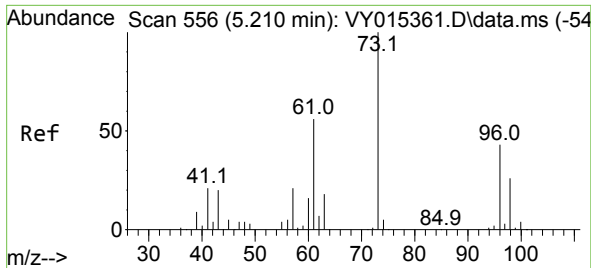
Tgt Ion: 73 Resp: 306104
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 47.174 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 84 Resp: 120049
Ion Ratio Lower Upper
84 100
49 119.3 106.9 160.3
51 36.3 33.2 49.8
86 62.4 51.0 76.6

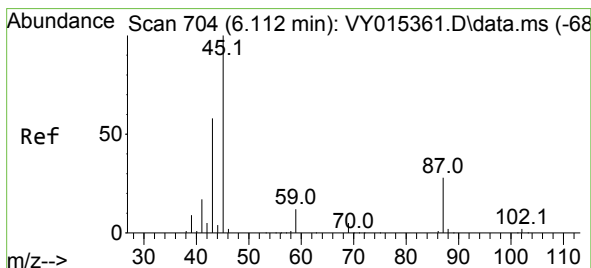
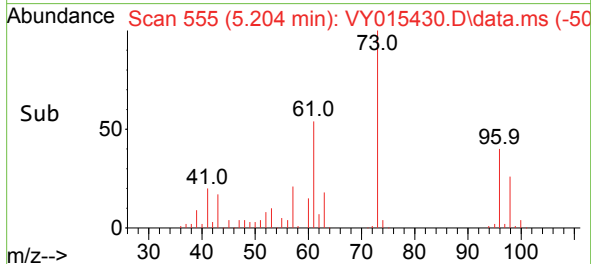
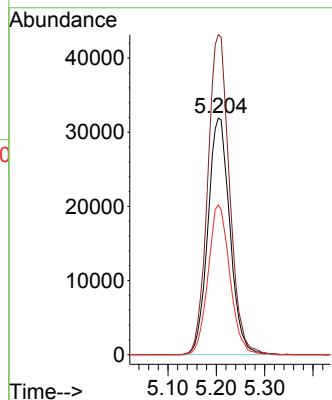
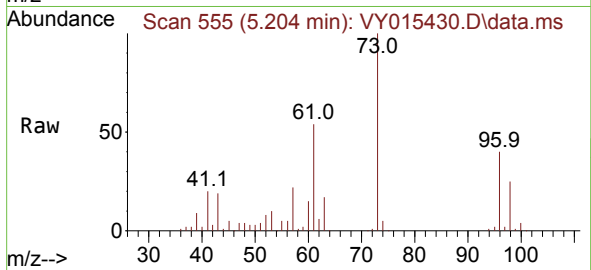




#21
trans-1,2-Dichloroethene
Concen: 50.010 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

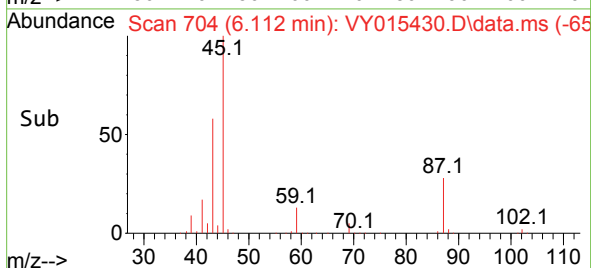
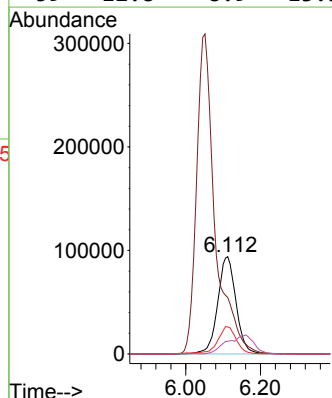
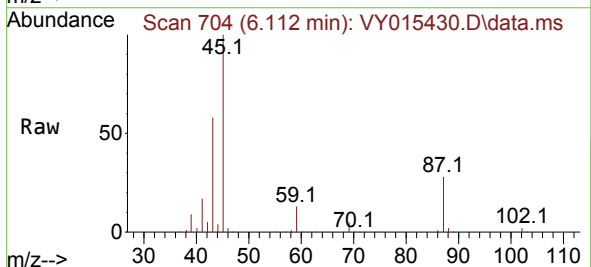
Instrument :
MSVOA_Y
ClientSampleId :

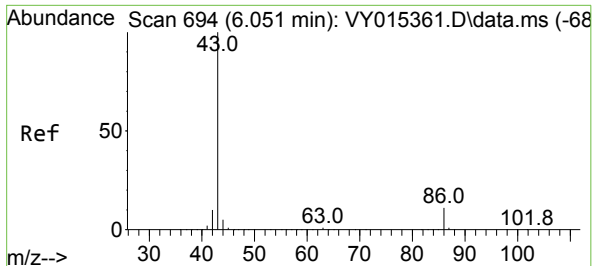
Tgt Ion: 96 Resp: 100574
Ion Ratio Lower Upper
96 100
61 135.3 110.2 165.4
98 63.3 51.8 77.6



#22
Diisopropyl ether
Concen: 52.503 ug/l
RT: 6.112 min Scan# 704
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 45 Resp: 319289
Ion Ratio Lower Upper
45 100
43 57.6 52.2 78.4
87 27.7 21.0 31.6
59 12.8 8.9 13.3

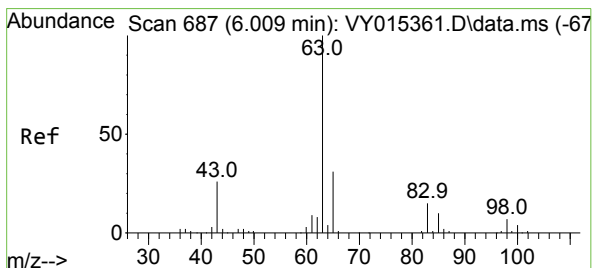
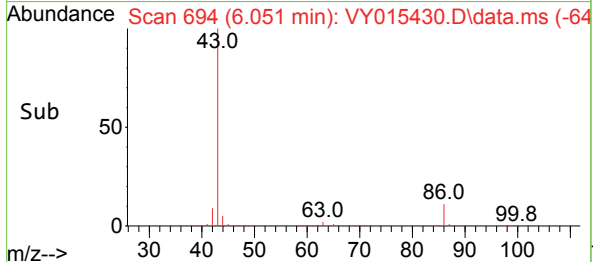
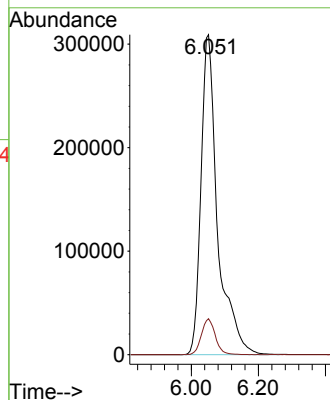
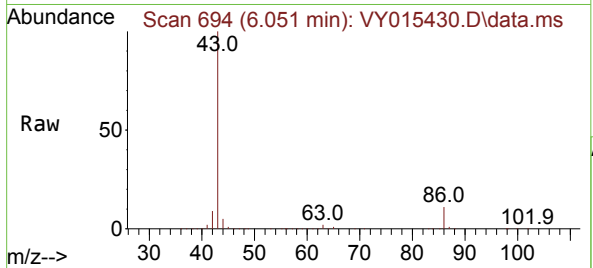




#23
 Vinyl Acetate
 Concen: 276.096 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. -0.000 min
 Lab File: VY015430.D
 Acq: 05 Sep 2023 12:02

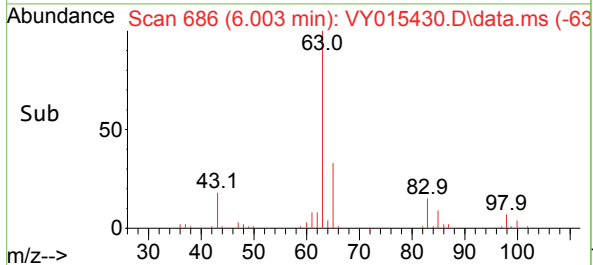
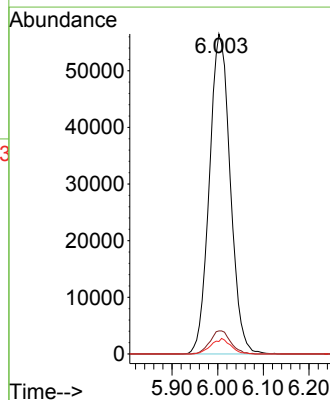
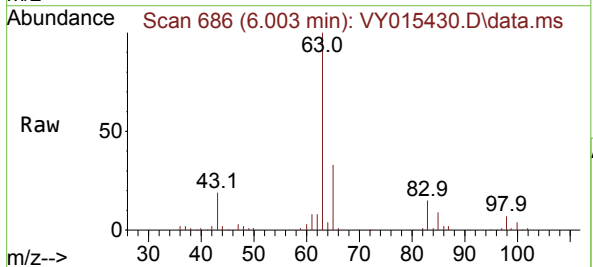
Instrument :
 MSVOA_Y
 ClientSampleId :

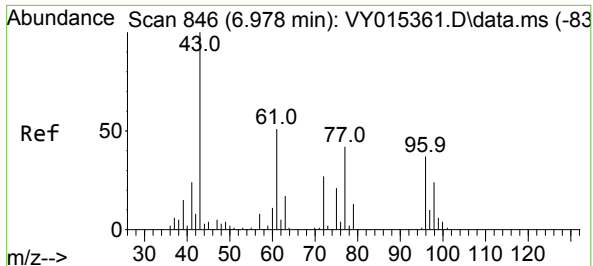
Tgt Ion: 43 Resp: 1060120
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 51.007 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.000 min
 Lab File: VY015430.D
 Acq: 05 Sep 2023 12:02

Tgt Ion: 63 Resp: 179314
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 3.9 1.8 5.5

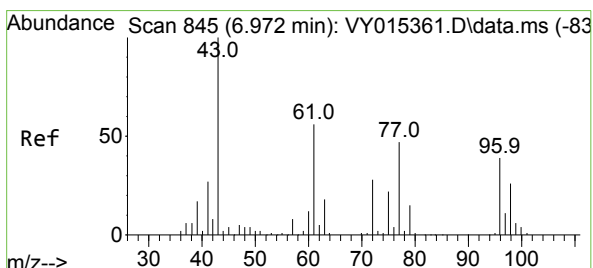
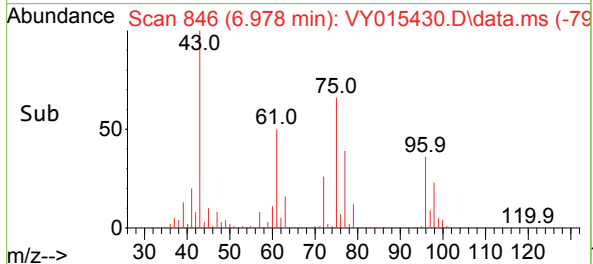
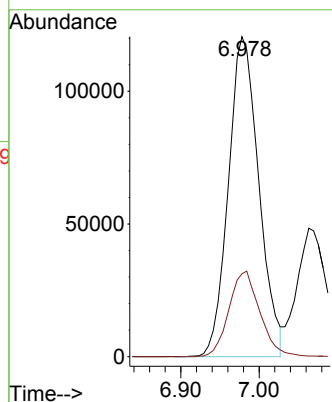
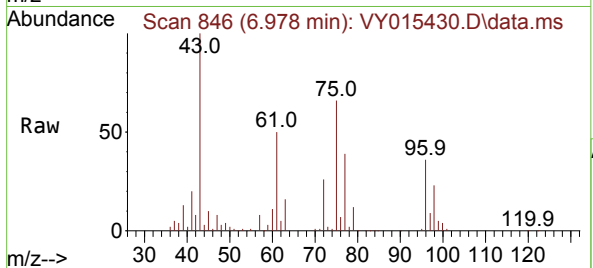




#25
2-Butanone
Concen: 292.397 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

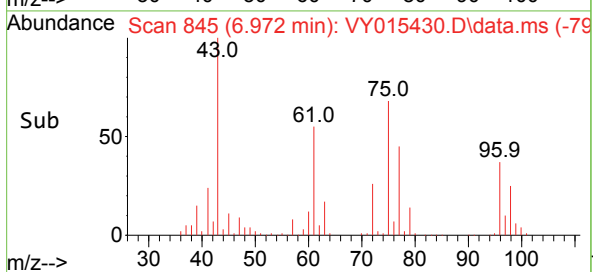
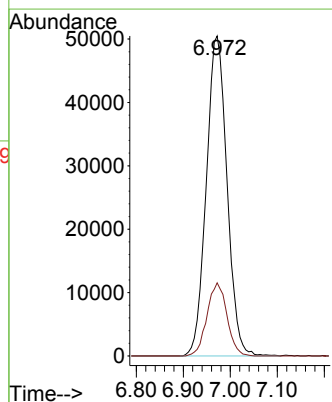
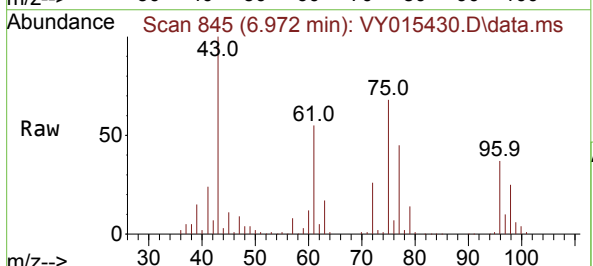
Instrument :
MSVOA_Y
ClientSampleId :

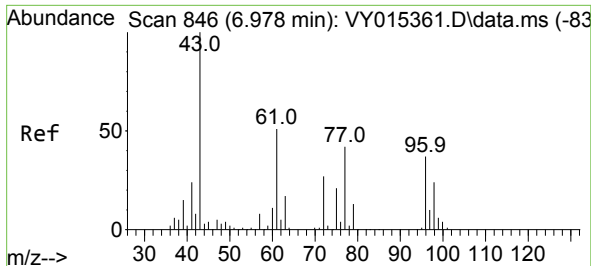
Tgt Ion: 43 Resp: 326004
Ion Ratio Lower Upper
43 100
72 25.9 20.5 30.7



#26
2,2-Dichloropropane
Concen: 51.685 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

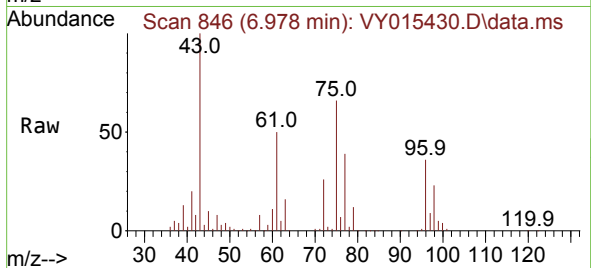
Tgt Ion: 77 Resp: 154326
Ion Ratio Lower Upper
77 100
97 22.0 10.9 32.9



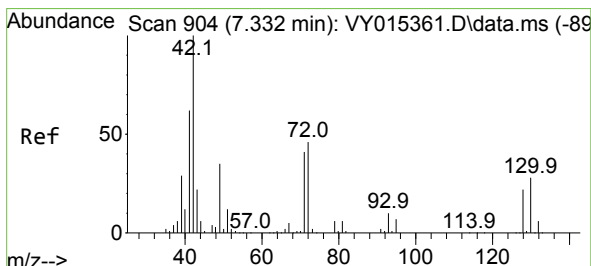
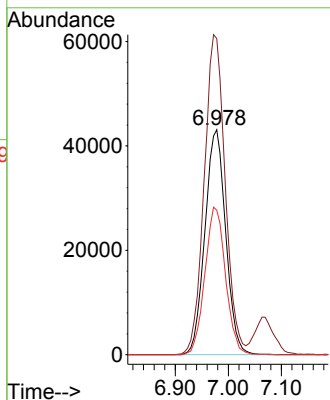
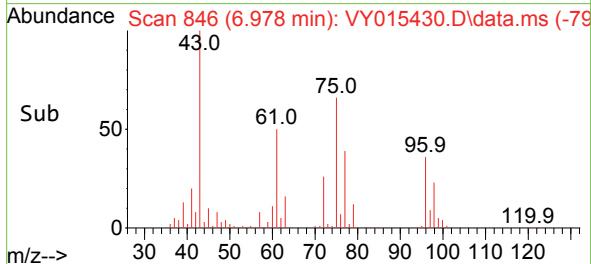


#27
 cis-1,2-Dichloroethene
 Concen: 51.481 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. -0.000 min
 Lab File: VY015430.D
 Acq: 05 Sep 2023 12:02

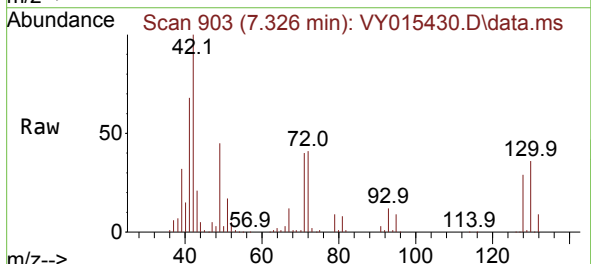
Instrument :
 MSVOA_Y
 ClientSampleId :



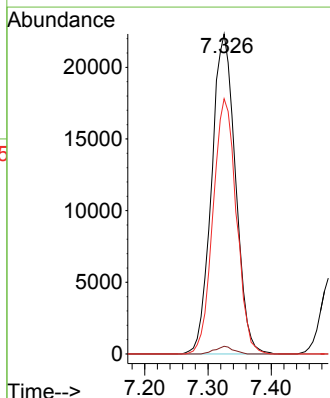
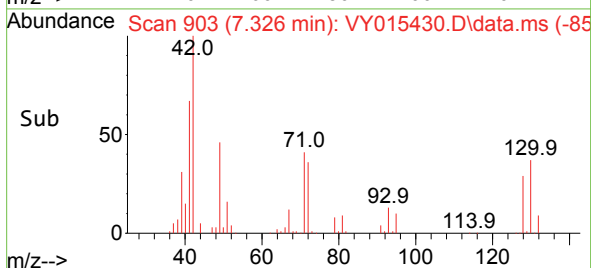
Tgt Ion: 96 Resp: 117452
 Ion Ratio Lower Upper
 96 100
 61 143.7 0.0 301.4
 98 65.1 0.0 130.4

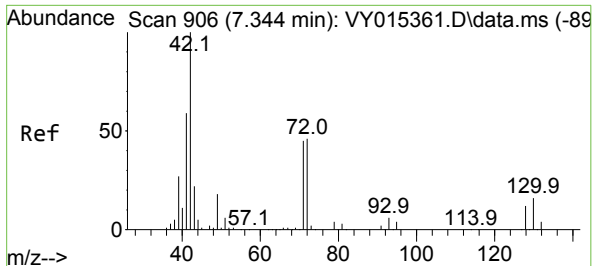


#28
 Bromochloromethane
 Concen: 54.220 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.000 min
 Lab File: VY015430.D
 Acq: 05 Sep 2023 12:02



Tgt Ion: 49 Resp: 58452
 Ion Ratio Lower Upper
 49 100
 129 1.8 0.0 4.6
 130 78.0 60.7 91.1





#29

Tetrahydrofuran

Concen: 293.544 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

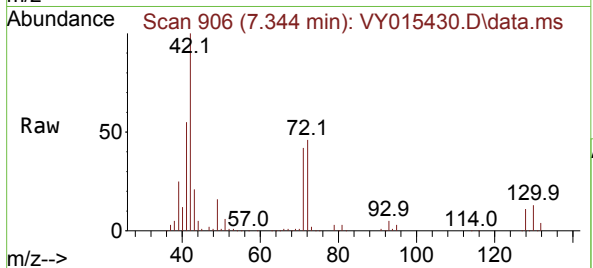
Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :



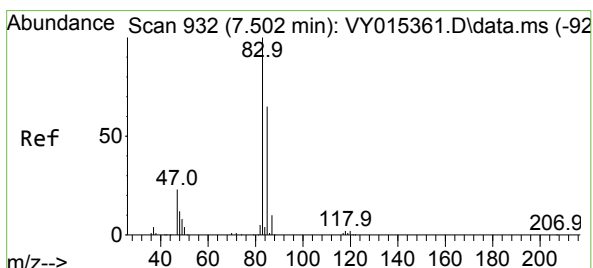
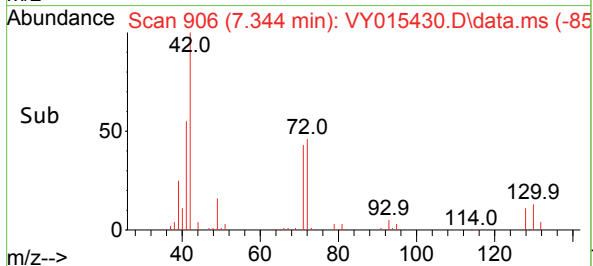
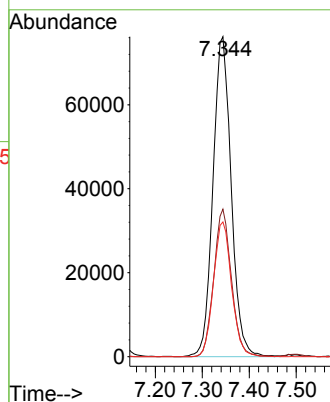
Tgt Ion: 42 Resp: 205526

Ion Ratio Lower Upper

42 100

72 44.6 32.8 49.2

71 41.9 31.0 46.4



#30

Chloroform

Concen: 50.566 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY015430.D

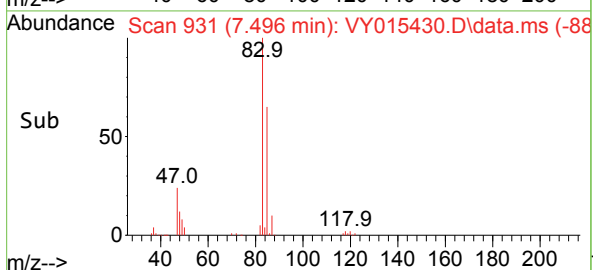
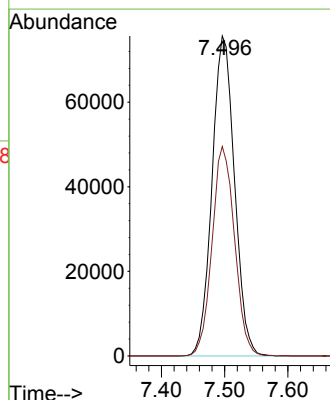
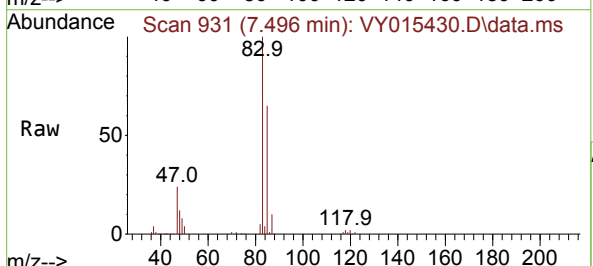
Acq: 05 Sep 2023 12:02

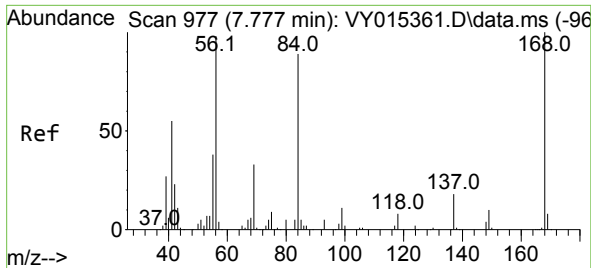
Tgt Ion: 83 Resp: 186873

Ion Ratio Lower Upper

83 100

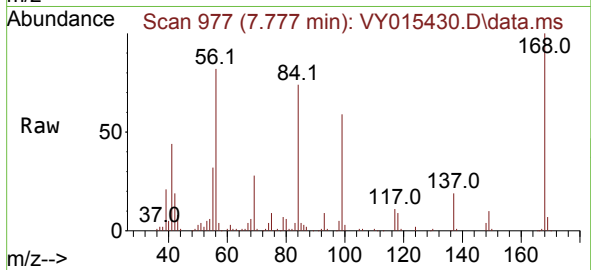
85 65.4 49.7 74.5



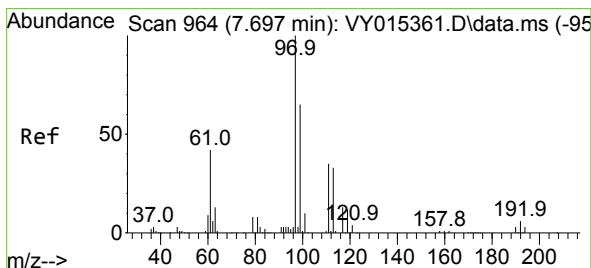
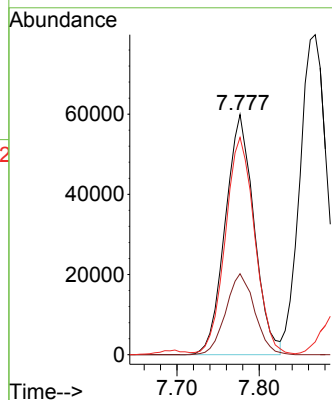
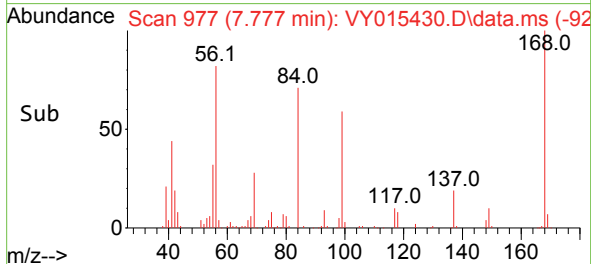


#31
Cyclohexane
Concen: 43.670 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :

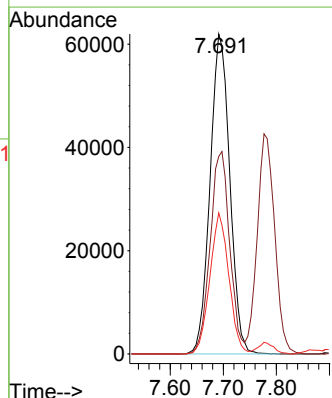
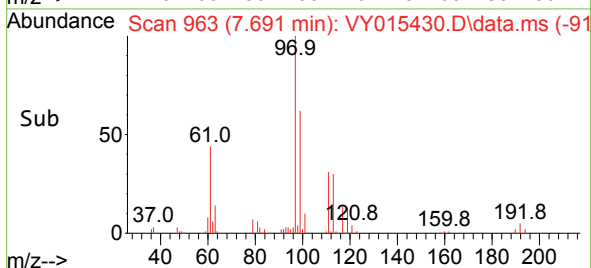
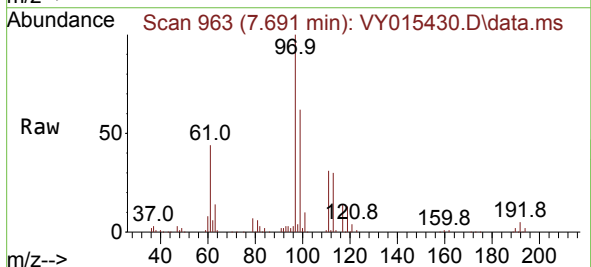


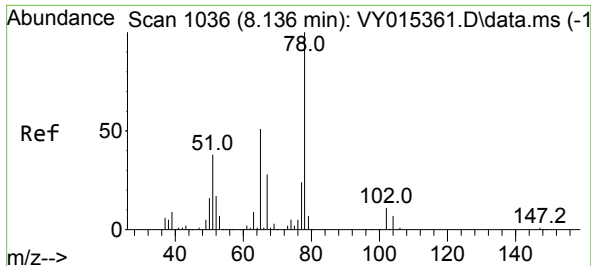
Tgt Ion: 56 Resp: 146093
Ion Ratio Lower Upper
56 100
69 33.7 27.8 41.6
84 89.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 48.411 ug/l
RT: 7.691 min Scan# 963
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 97 Resp: 159802
Ion Ratio Lower Upper
97 100
99 63.2 50.8 76.2
61 42.6 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 51.842 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

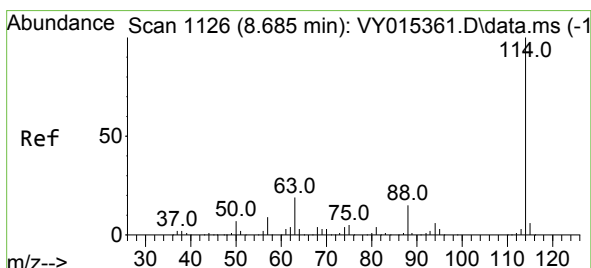
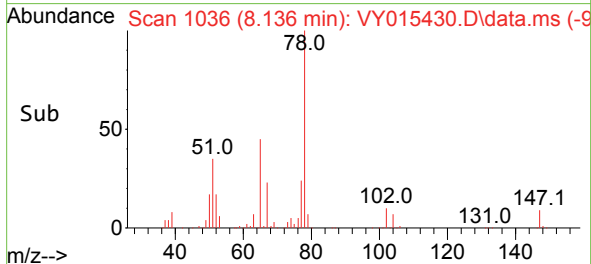
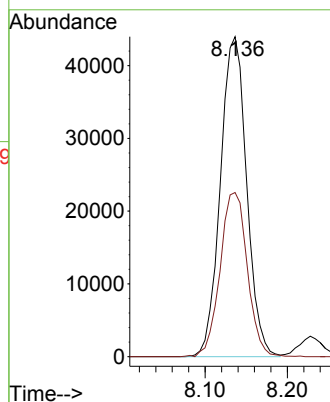
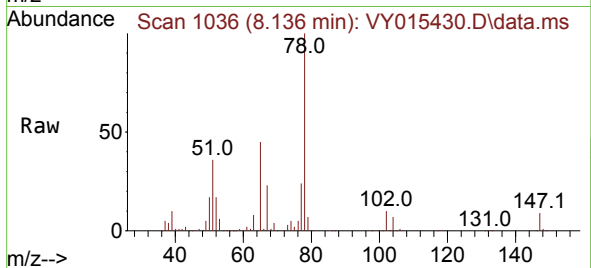
ClientSampleId :

Tgt Ion: 65 Resp: 97635

Ion Ratio Lower Upper

65 100

67 53.2 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: VY015430.D

Acq: 05 Sep 2023 12:02

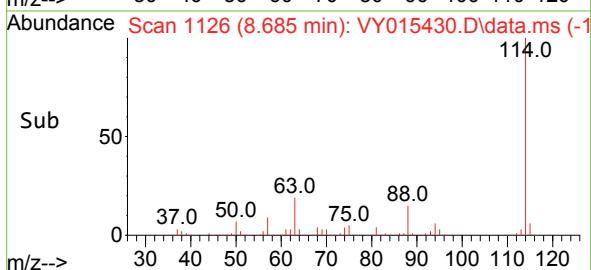
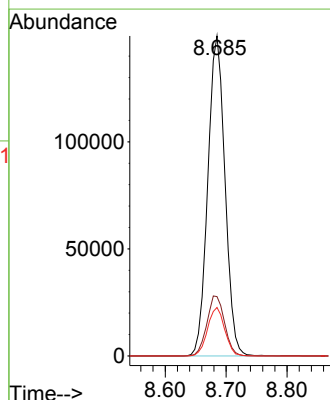
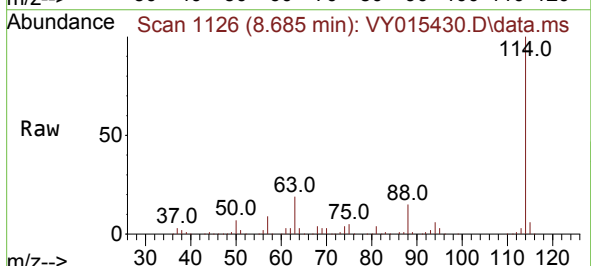
Tgt Ion: 114 Resp: 292623

Ion Ratio Lower Upper

114 100

63 18.5 0.0 42.4

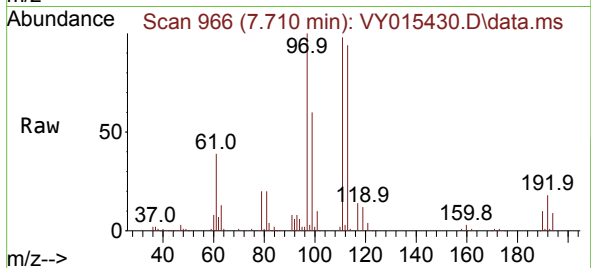
88 15.2 0.0 30.6



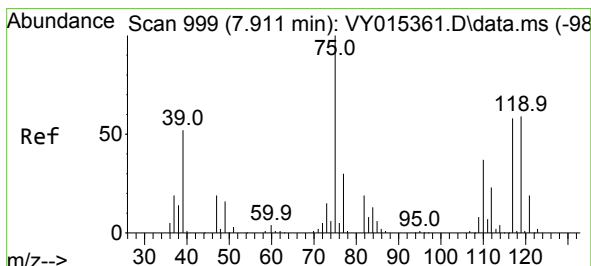
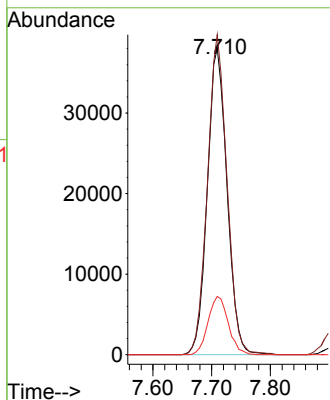
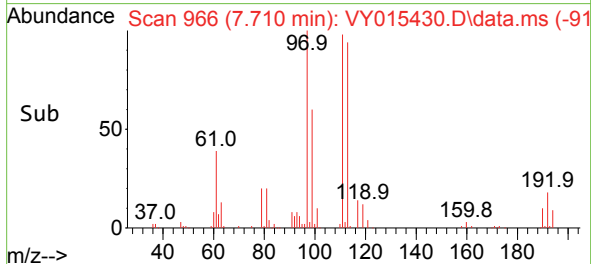


#35
Dibromofluoromethane
Concen: 52.503 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

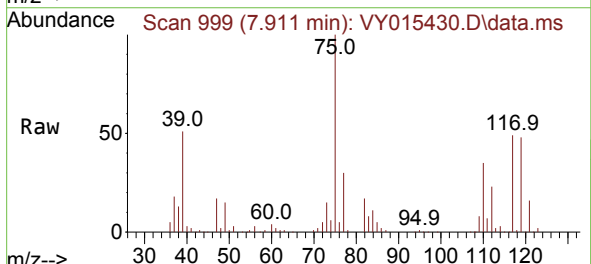
Instrument :
MSVOA_Y
ClientSampleId :



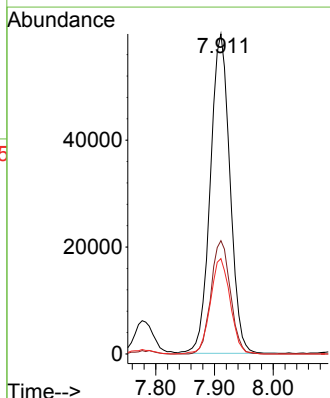
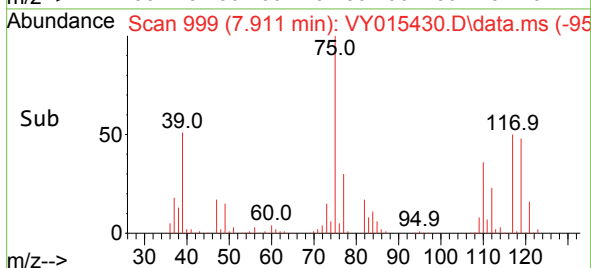
Tgt Ion:113 Resp: 88491
Ion Ratio Lower Upper
113 100
111 103.8 81.3 121.9
192 19.5 16.9 25.3

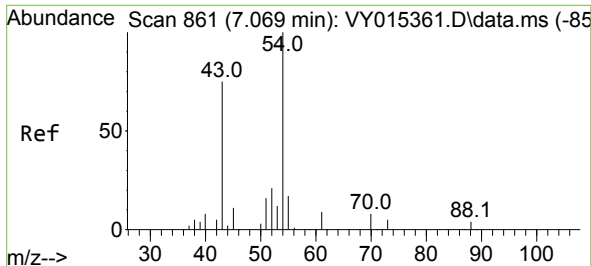


#36
1,1-Dichloropropene
Concen: 46.763 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02



Tgt Ion: 75 Resp: 138394
Ion Ratio Lower Upper
75 100
110 35.0 17.8 53.5
77 30.3 24.4 36.6





#37

Ethyl Acetate

Concen: 58.214 ug/l

RT: 7.063 min Scan# 860

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

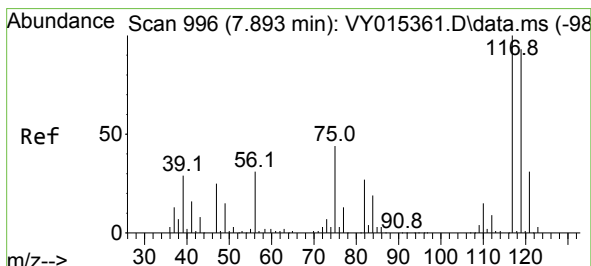
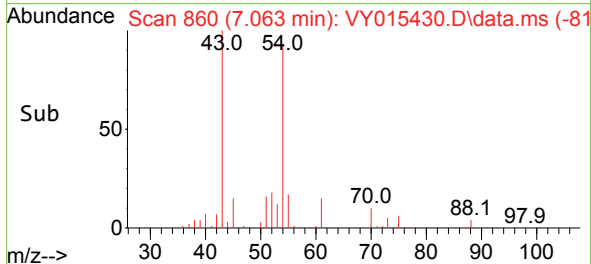
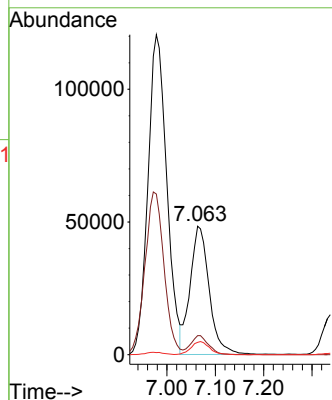
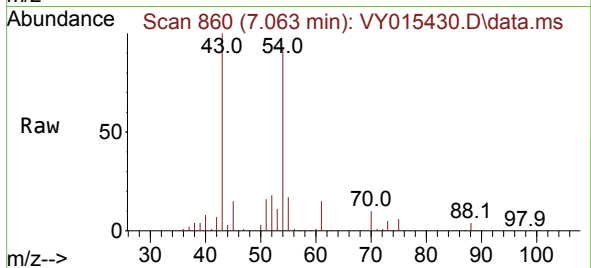
Tgt Ion: 43 Resp: 132872

Ion Ratio Lower Upper

43 100

61 13.6 10.1 15.1

70 9.8 7.1 10.7



#38

Carbon Tetrachloride

Concen: 46.255 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

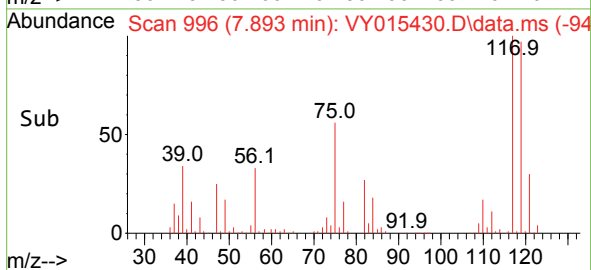
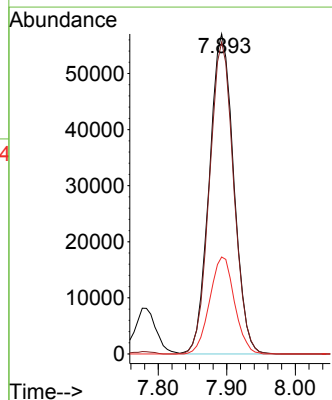
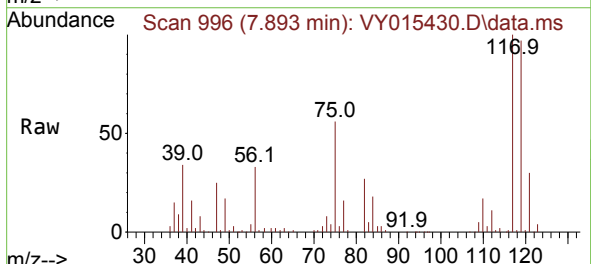
Tgt Ion:117 Resp: 141380

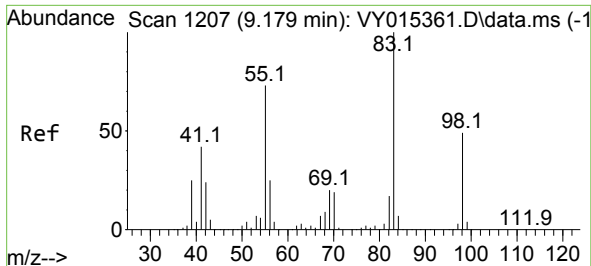
Ion Ratio Lower Upper

117 100

119 97.5 76.4 114.6

121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 44.122 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

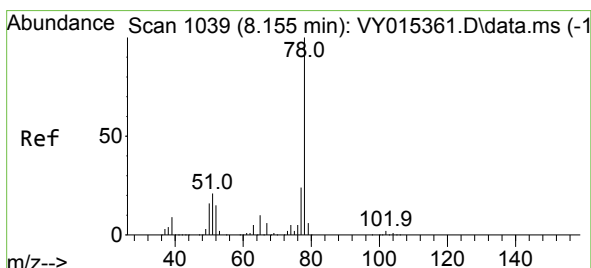
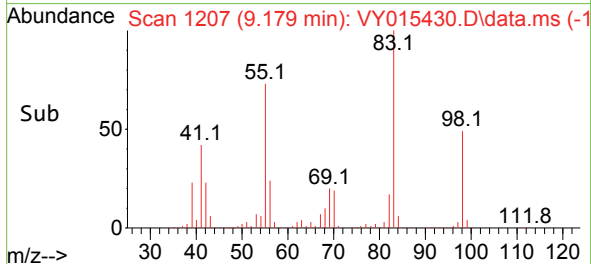
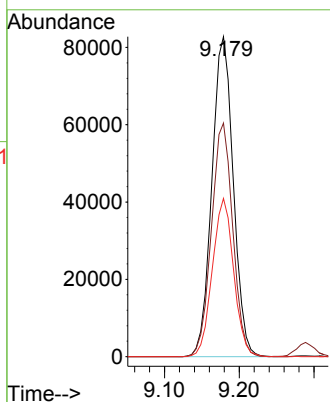
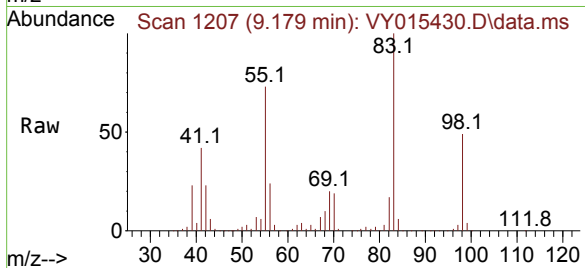
Tgt Ion: 83 Resp: 164388

Ion Ratio Lower Upper

83 100

55 73.0 63.0 94.4

98 49.5 37.4 56.2



#40

Benzene

Concen: 49.717 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.006 min

Lab File: VY015430.D

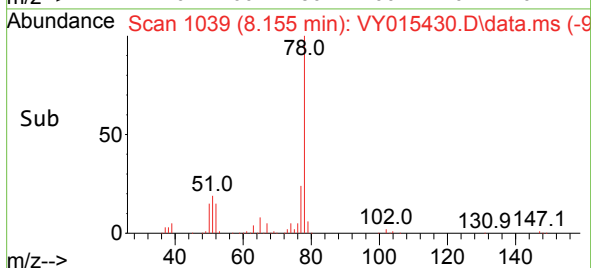
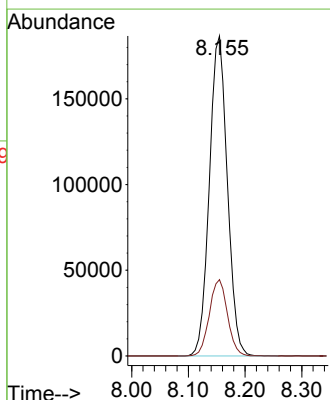
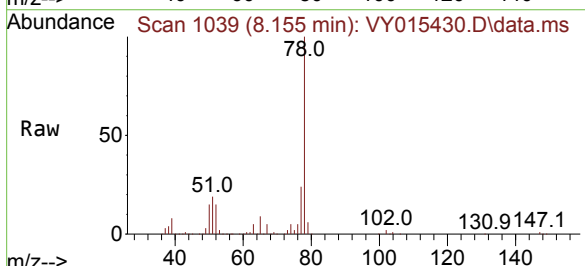
Acq: 05 Sep 2023 12:02

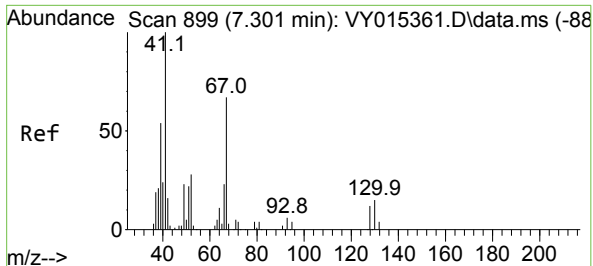
Tgt Ion: 78 Resp: 410506

Ion Ratio Lower Upper

78 100

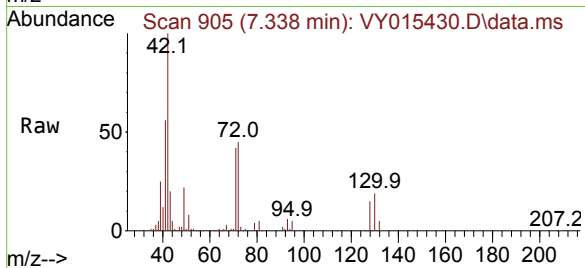
77 23.9 19.0 28.6



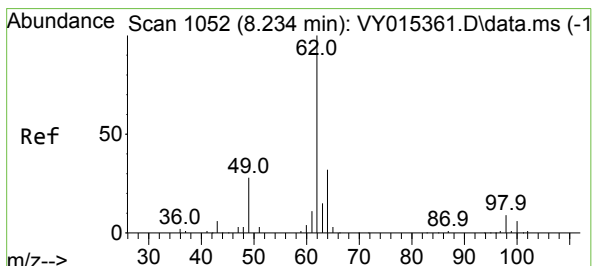
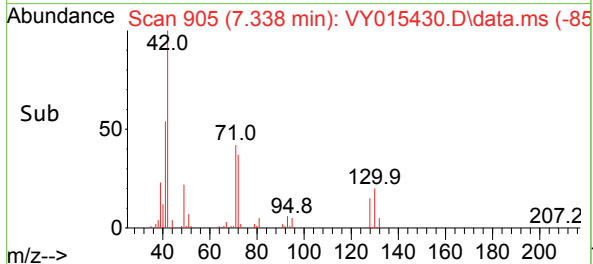
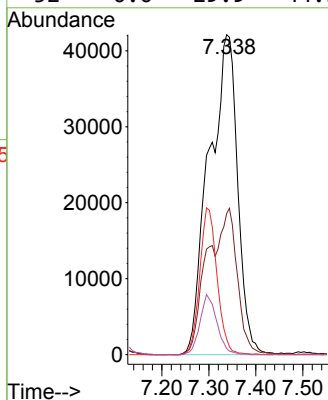


#41
Methacrylonitrile
Concen: 166.019 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.024 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :

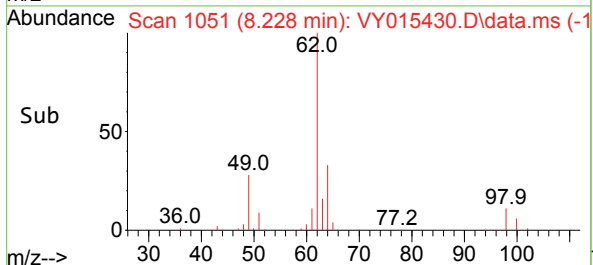
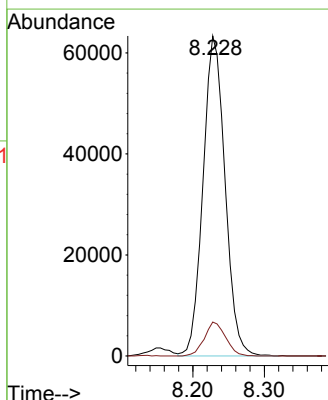
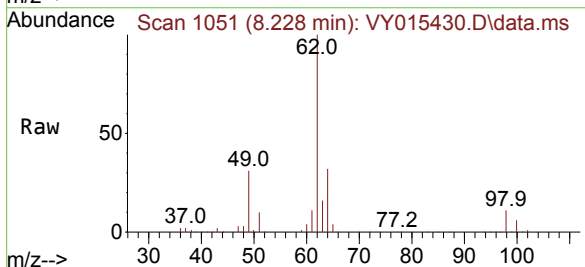


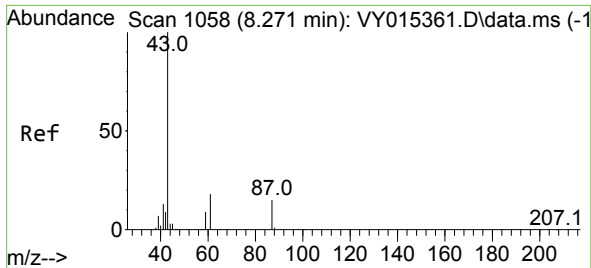
Tgt Ion: 41 Resp: 177697
Ion Ratio Lower Upper
41 100
39 25.9 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 49.242 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. -0.006 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

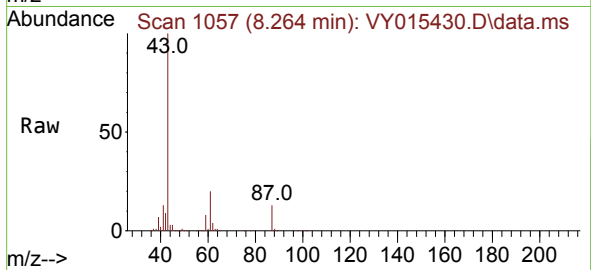
Tgt Ion: 62 Resp: 135577
Ion Ratio Lower Upper
62 100
98 10.2 0.0 15.8



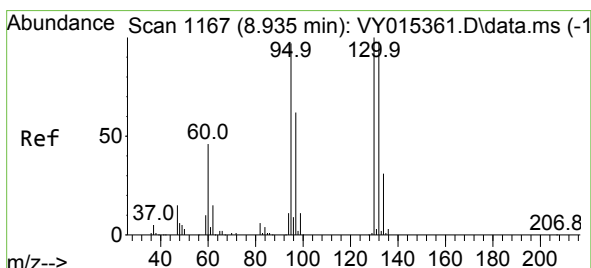
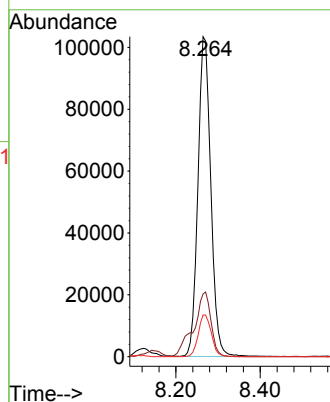
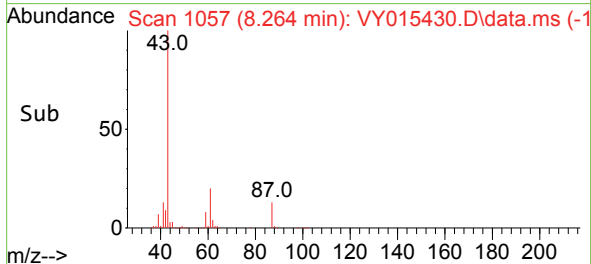


#43
Isopropyl Acetate
Concen: 55.745 ug/l
RT: 8.264 min Scan# 11057
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Instrument :
MSVOA_Y
ClientSampleId :

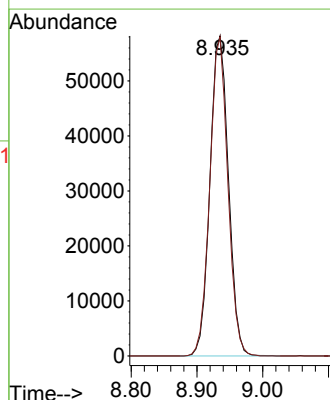
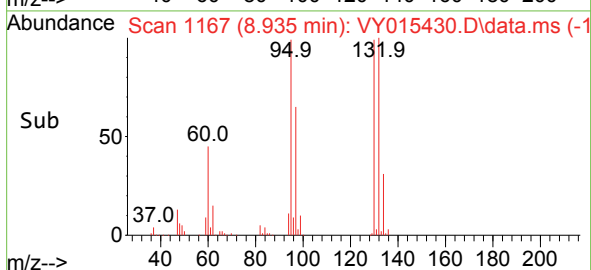
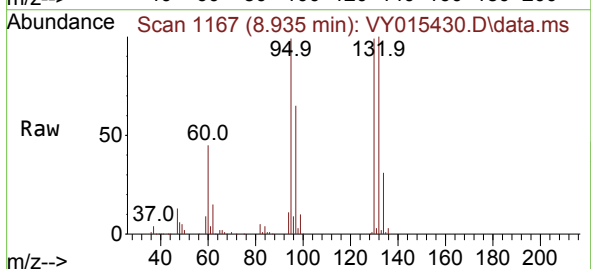


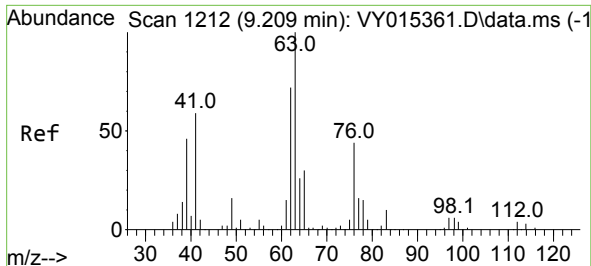
Tgt Ion: 43 Resp: 220020
Ion Ratio Lower Upper
43 100
61 27.1 21.1 31.7
87 13.3 9.8 14.8



#44
Trichloroethene
Concen: 48.812 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion:130 Resp: 114031
Ion Ratio Lower Upper
130 100
95 99.7 0.0 196.0





#45

1,2-Dichloropropane

Concen: 51.451 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

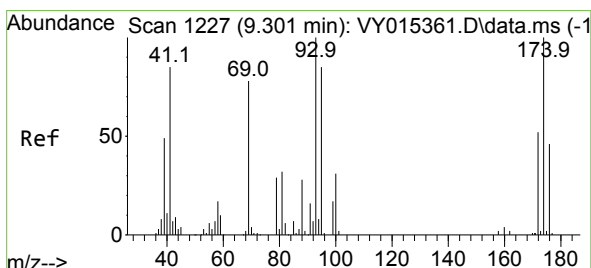
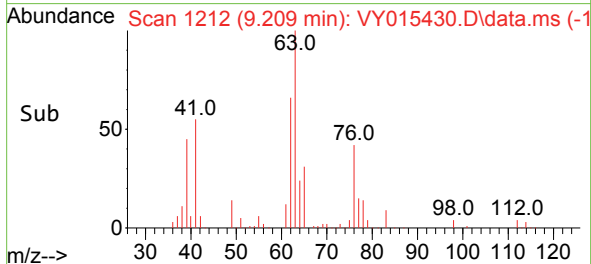
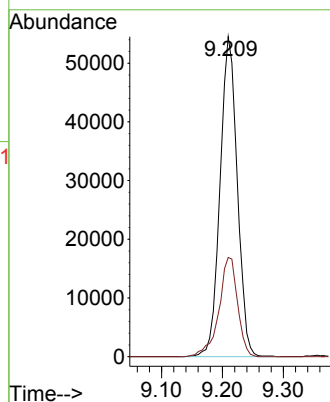
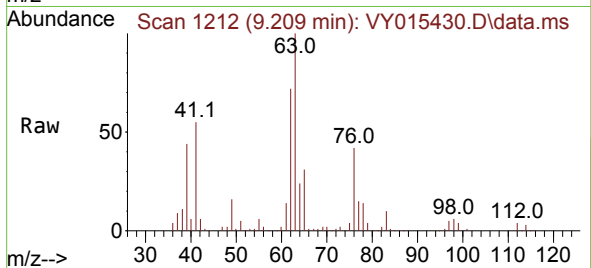
ClientSampleId :

Tgt Ion: 63 Resp: 107094

Ion Ratio Lower Upper

63 100

65 31.0 23.8 35.6



#46

Dibromomethane

Concen: 51.771 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

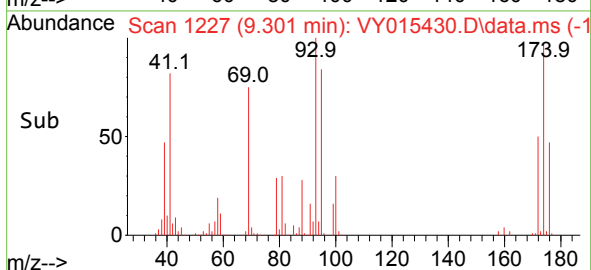
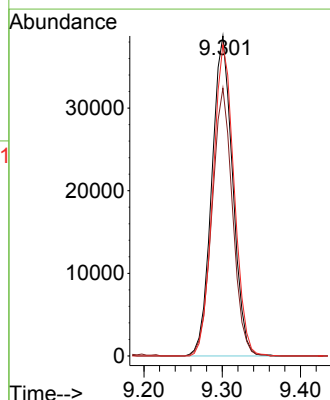
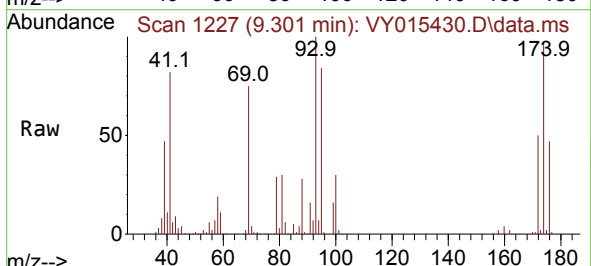
Tgt Ion: 93 Resp: 71580

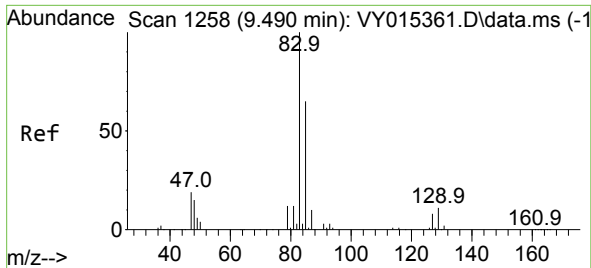
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

174 98.9 84.8 127.2

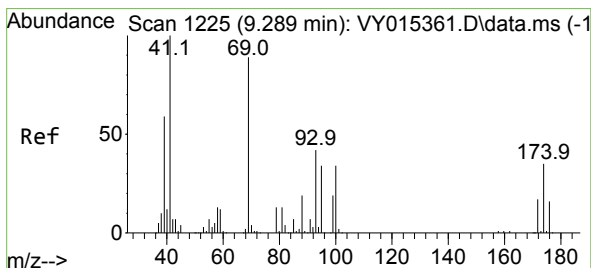
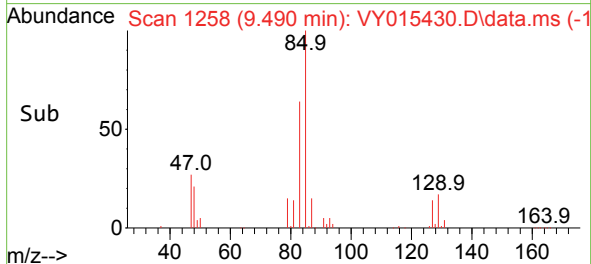
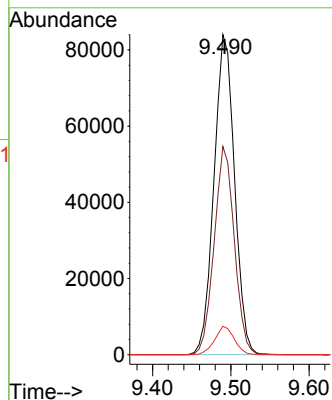
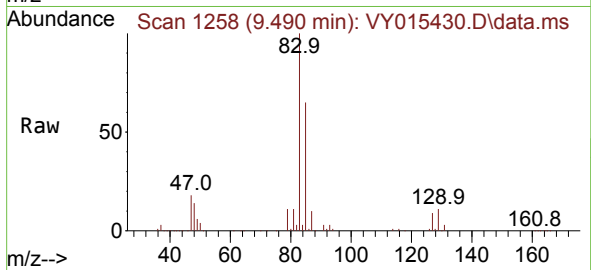




#47
Bromodichloromethane
Concen: 51.839 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

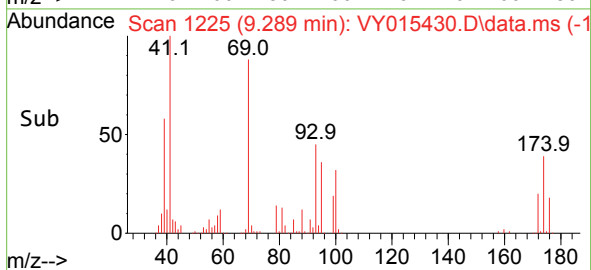
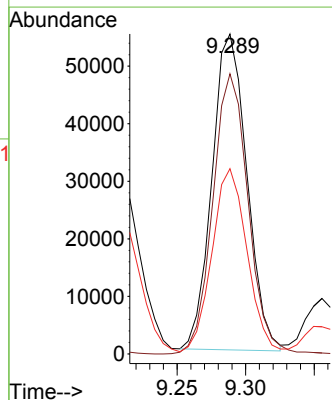
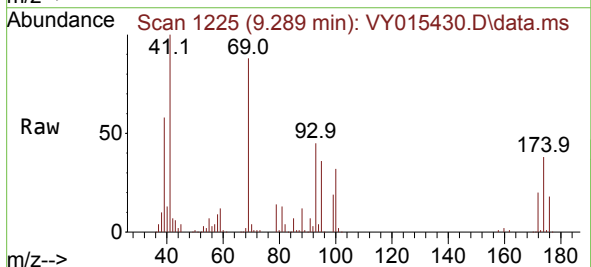
Instrument :
MSVOA_Y
ClientSampleId :

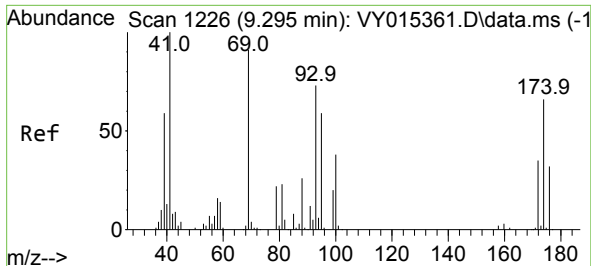
Tgt Ion: 83 Resp: 153278
Ion Ratio Lower Upper
83 100
85 65.0 50.1 75.1
127 8.9 7.1 10.7



#48
Methyl methacrylate
Concen: 53.683 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 41 Resp: 97215
Ion Ratio Lower Upper
41 100
69 89.9 64.5 96.7
39 59.4 50.8 76.2





#49

1,4-Dioxane

Concen: 1100.549 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.012 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

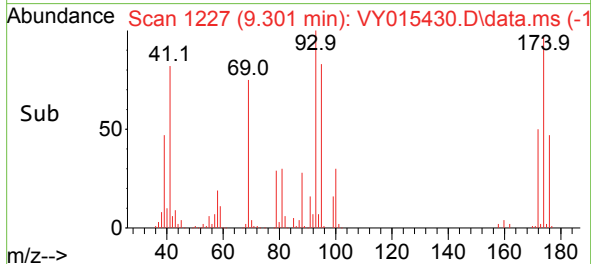
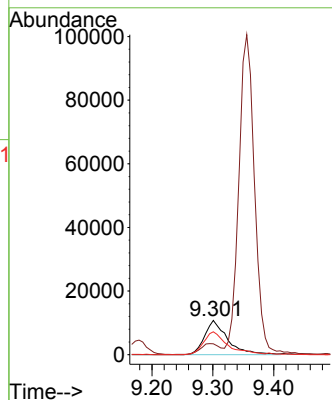
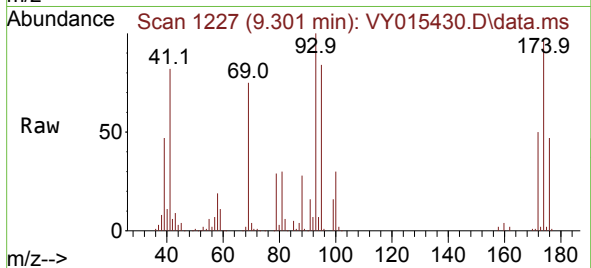
Tgt Ion: 88 Resp: 28264

Ion Ratio Lower Upper

88 100

43 28.0 0.0 0.0#

58 69.3 30.9 46.3#



#50

Toluene-d8

Concen: 50.748 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY015430.D

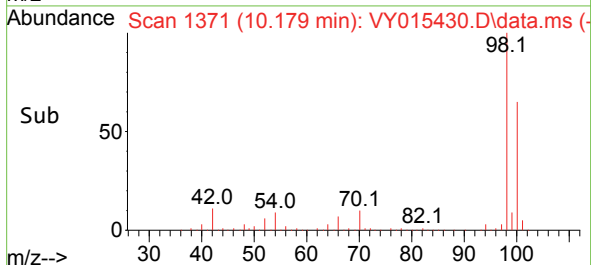
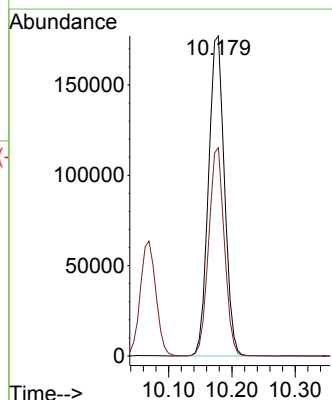
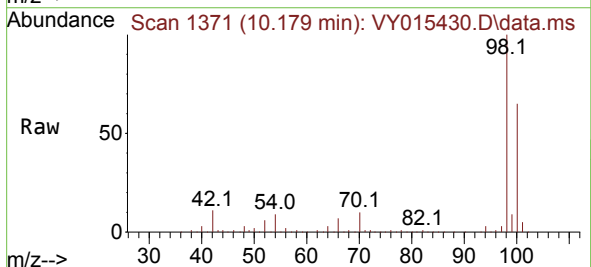
Acq: 05 Sep 2023 12:02

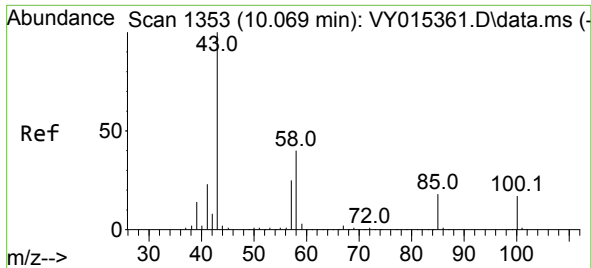
Tgt Ion: 98 Resp: 309749

Ion Ratio Lower Upper

98 100

100 64.3 50.1 75.1

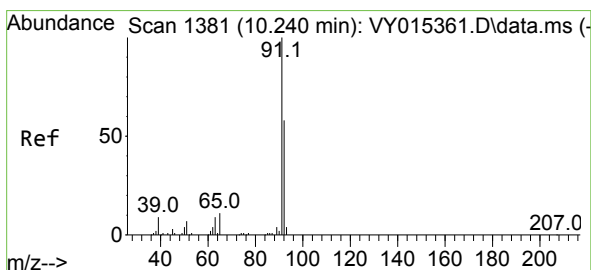
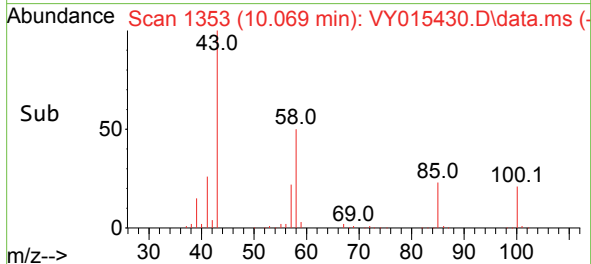
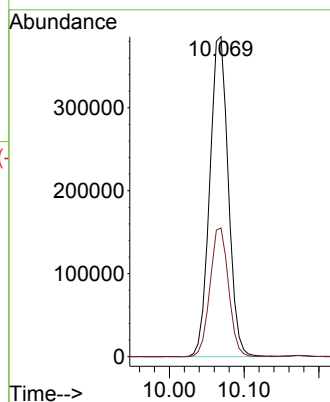
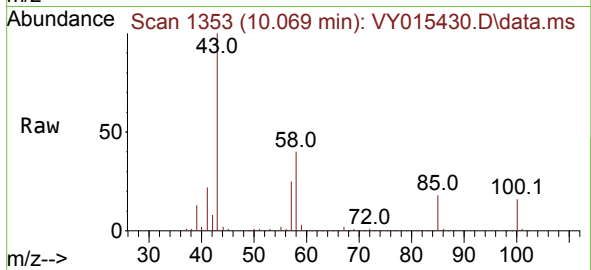




#51
4-Methyl-2-Pentanone
Concen: 289.583 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

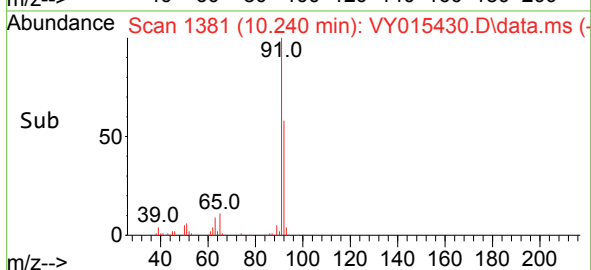
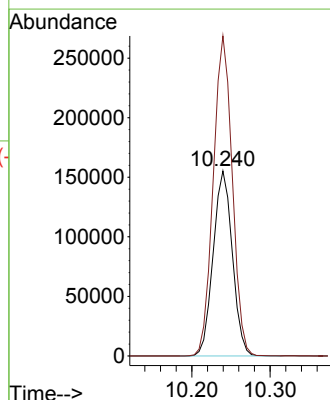
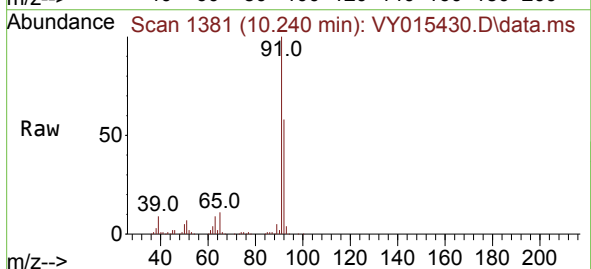
Instrument :
MSVOA_Y
ClientSampleId :

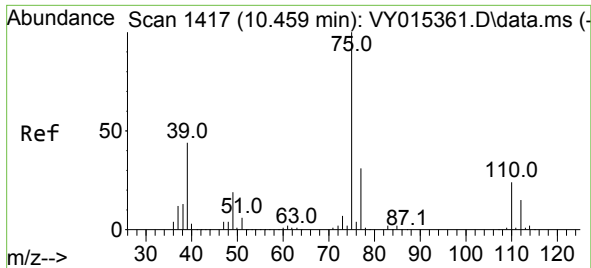
Tgt Ion: 43 Resp: 664313
Ion Ratio Lower Upper
43 100
58 40.3 29.0 43.6



#52
Toluene
Concen: 49.890 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 92 Resp: 264022
Ion Ratio Lower Upper
92 100
91 171.9 143.8 215.6

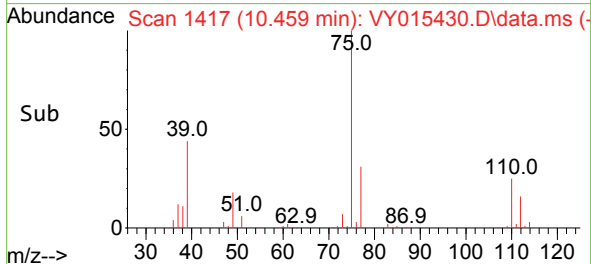
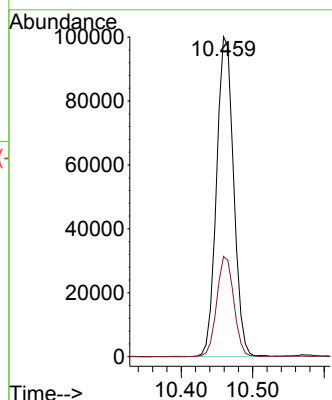
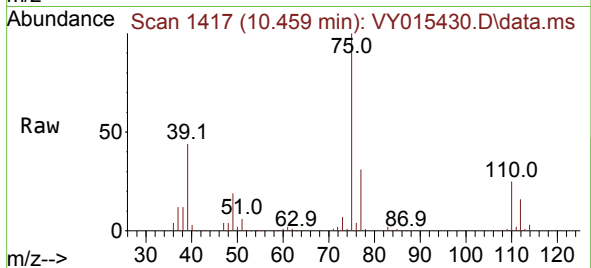




#53
 t-1,3-Dichloropropene
 Concen: 52.893 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. -0.000 min
 Lab File: VY015430.D
 Acq: 05 Sep 2023 12:02

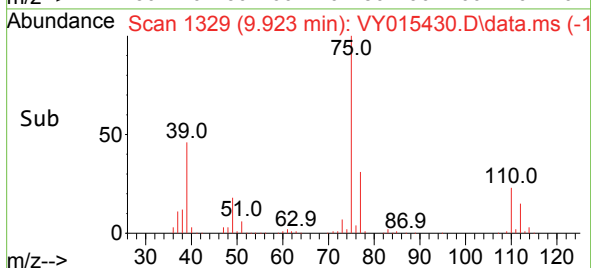
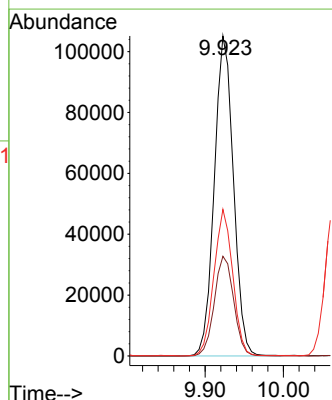
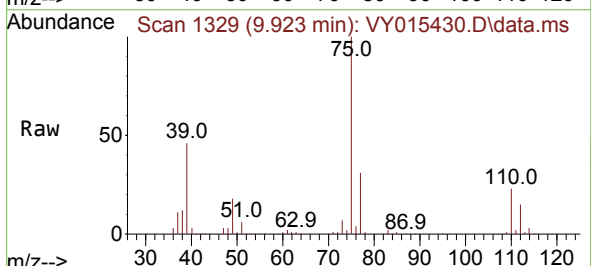
Instrument :
 MSVOA_Y
 ClientSampleId :

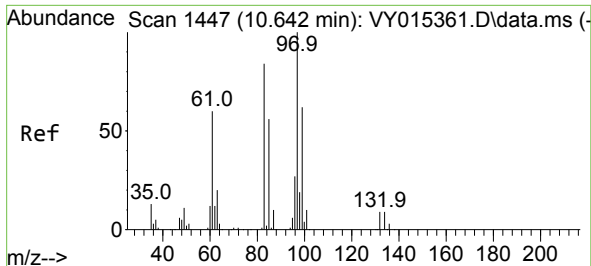
Tgt Ion: 75 Resp: 166209
 Ion Ratio Lower Upper
 75 100
 77 31.3 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 52.247 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. -0.000 min
 Lab File: VY015430.D
 Acq: 05 Sep 2023 12:02

Tgt Ion: 75 Resp: 178593
 Ion Ratio Lower Upper
 75 100
 77 31.1 24.2 36.4
 39 45.8 42.2 63.4

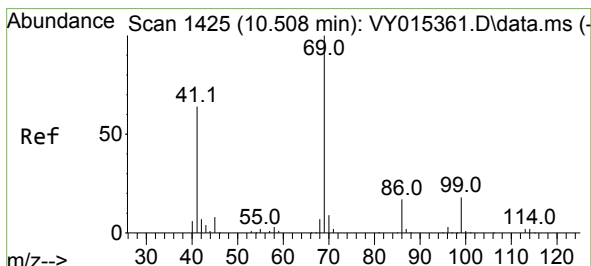
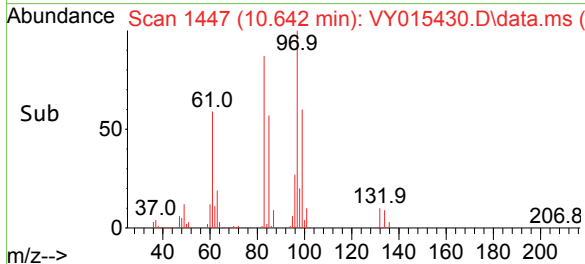
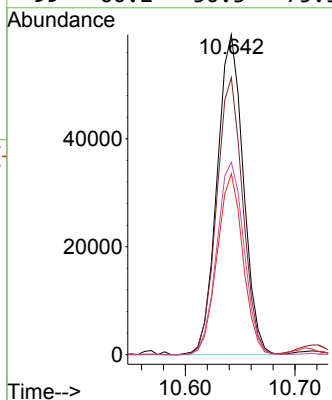
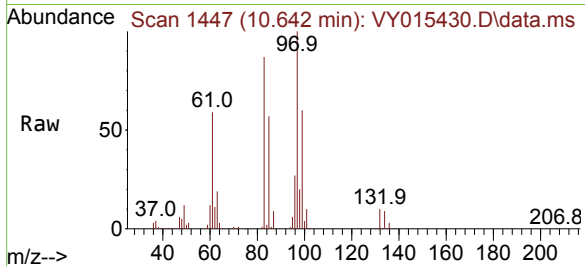




#55
1,1,2-Trichloroethane
Concen: 52.985 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

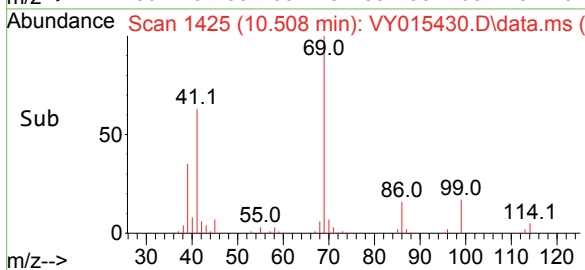
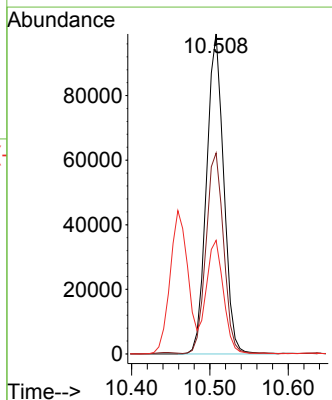
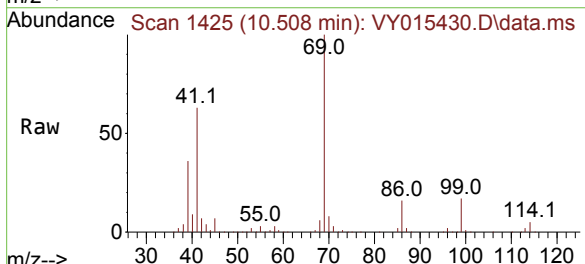
Instrument :
MSVOA_Y
ClientSampleId :

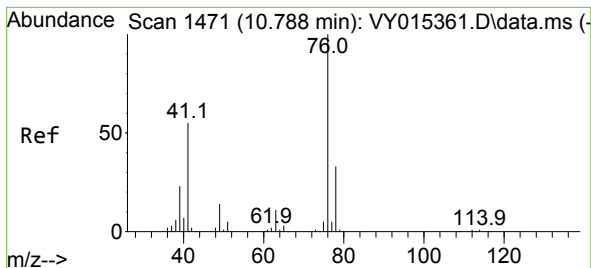
Tgt Ion:	97	Resp:	98710
Ion	Ratio	Lower	Upper
97	100		
83	86.5	72.0	108.0
85	56.5	45.4	68.0
99	60.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 54.625 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion:	69	Resp:	150804
Ion	Ratio	Lower	Upper
69	100		
41	64.2	57.6	86.4
39	35.3	34.1	51.1





#57

1,3-Dichloropropane

Concen: 52.134 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

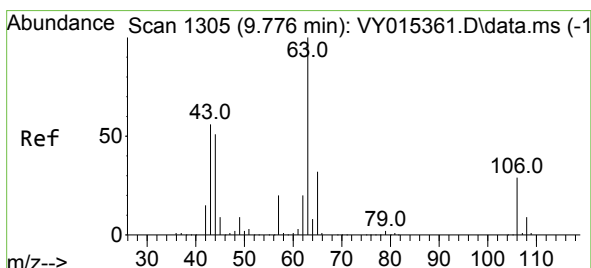
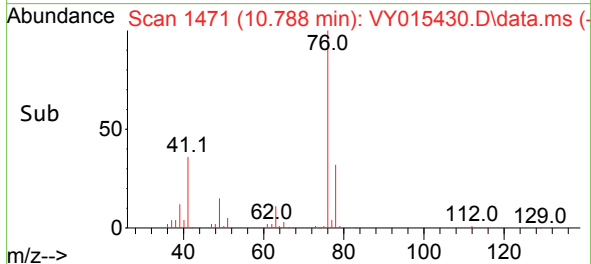
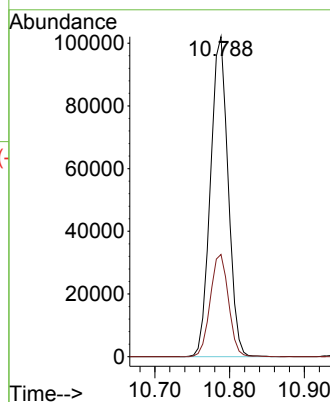
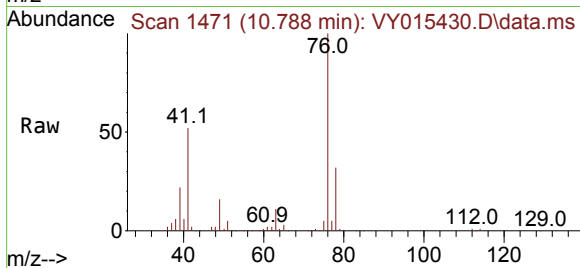
ClientSampleId :

Tgt Ion: 76 Resp: 167187

Ion Ratio Lower Upper

76 100

78 33.0 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 273.452 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.000 min

Lab File: VY015430.D

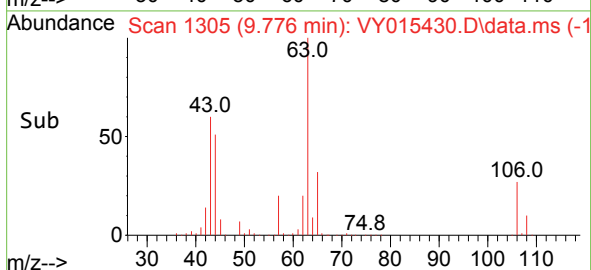
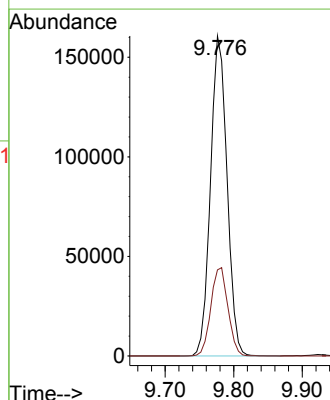
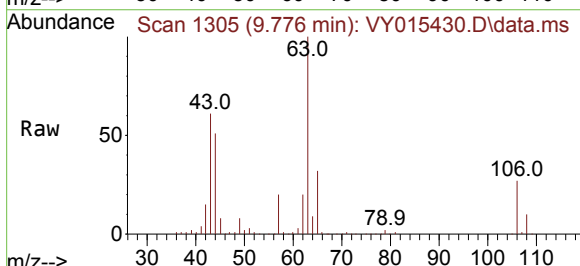
Acq: 05 Sep 2023 12:02

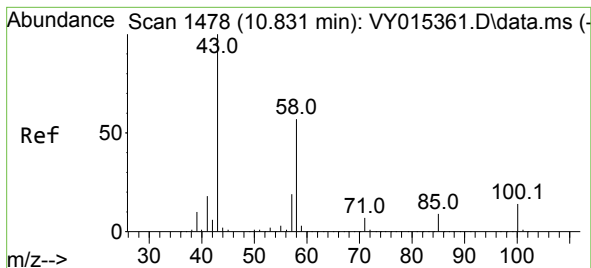
Tgt Ion: 63 Resp: 269459

Ion Ratio Lower Upper

63 100

106 28.5 21.2 31.8

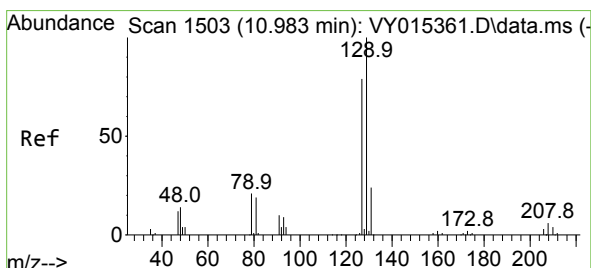
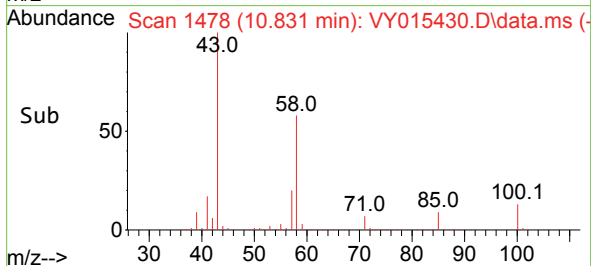
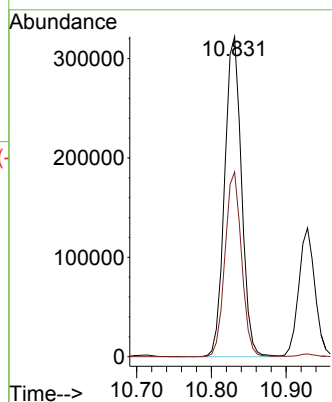
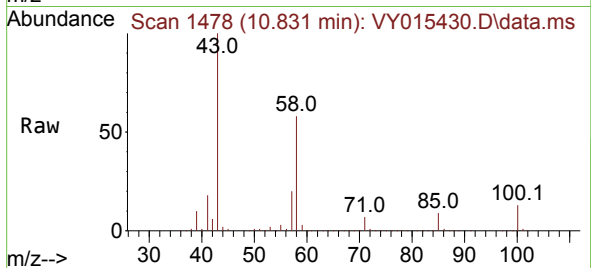




#59
2-Hexanone
Concen: 293.104 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

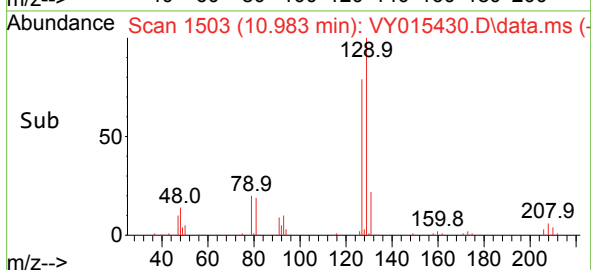
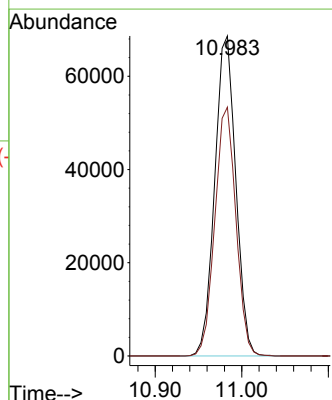
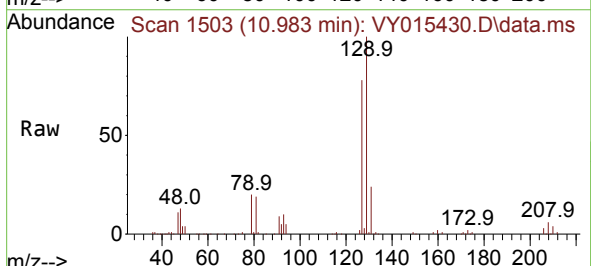
Instrument :
MSVOA_Y
ClientSampleId :

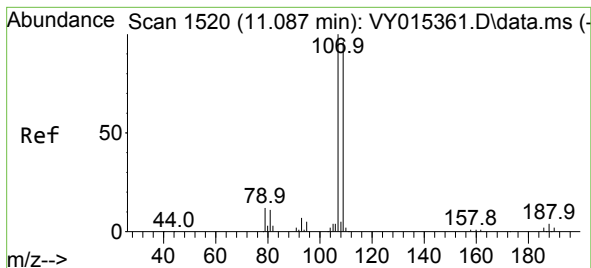
Tgt Ion: 43 Resp: 504528
Ion Ratio Lower Upper
43 100
58 56.7 25.1 75.3



#60
Dibromochloromethane
Concen: 53.133 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 129 Resp: 115857
Ion Ratio Lower Upper
129 100
127 77.8 38.5 115.5

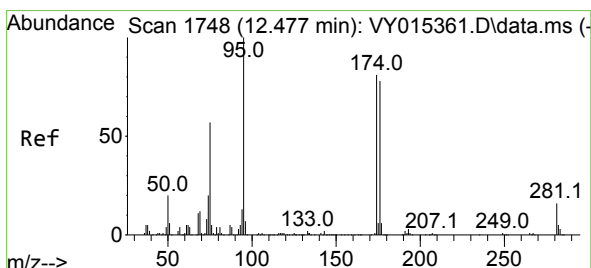
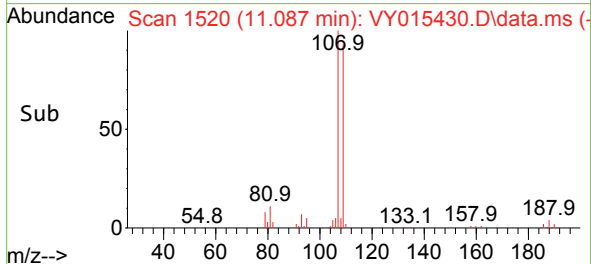
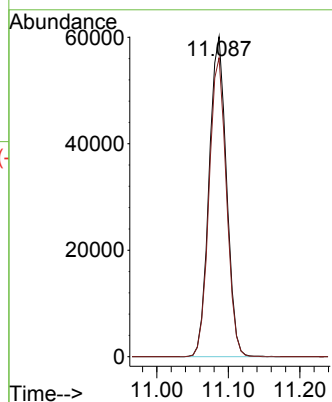
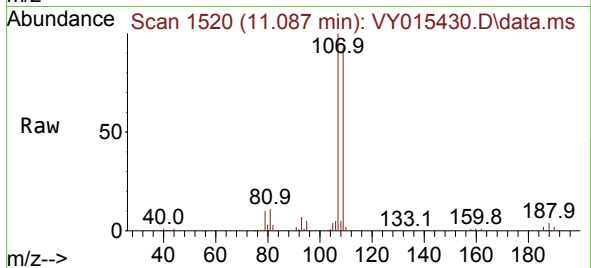




#61
1,2-Dibromoethane
Concen: 53.732 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

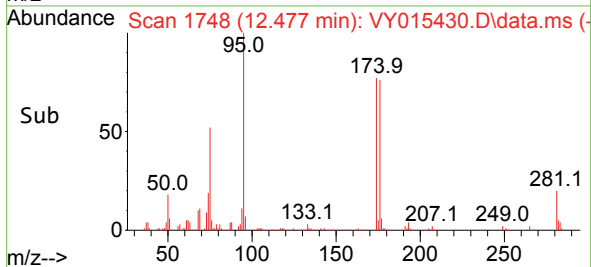
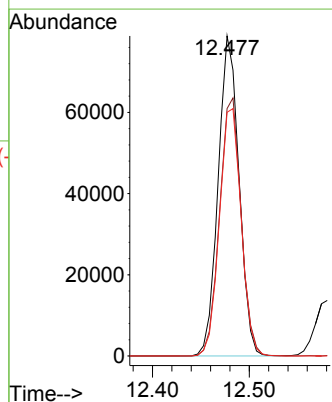
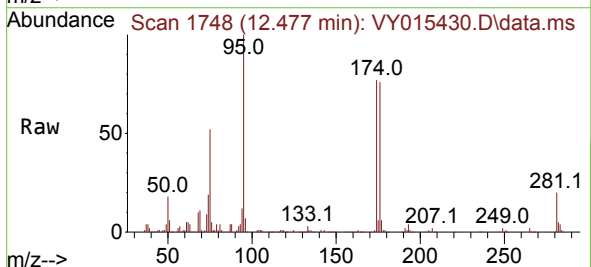
Instrument :
MSVOA_Y
ClientSampleId :

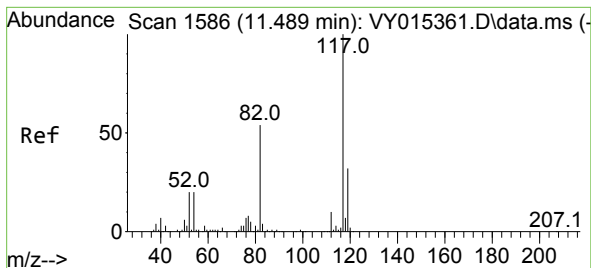
Tgt Ion:107 Resp: 101430
Ion Ratio Lower Upper
107 100
109 93.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 51.999 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 95 Resp: 117823
Ion Ratio Lower Upper
95 100
174 83.1 0.0 178.2
176 80.5 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

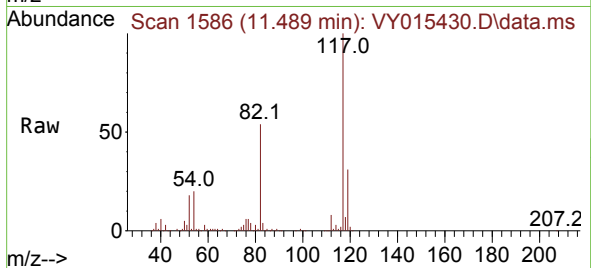
Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :



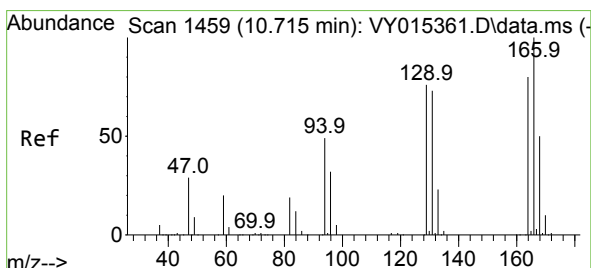
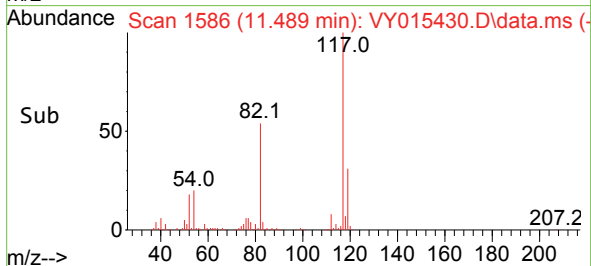
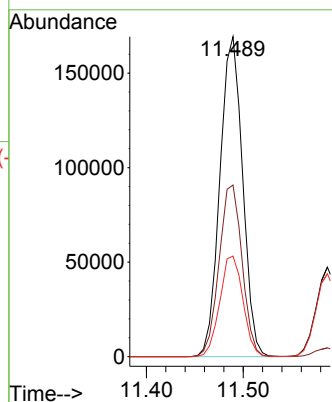
Tgt Ion:117 Resp: 275771

Ion Ratio Lower Upper

117 100

82 53.6 43.4 65.0

119 31.4 26.3 39.5



#64

Tetrachloroethene

Concen: 50.937 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Tgt Ion:164 Resp: 127498

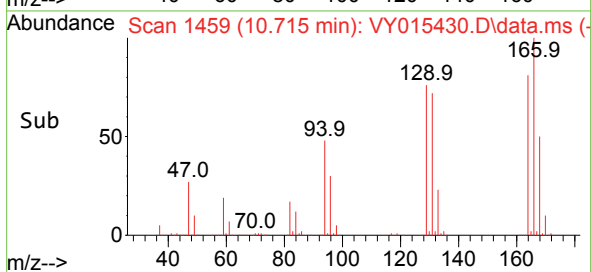
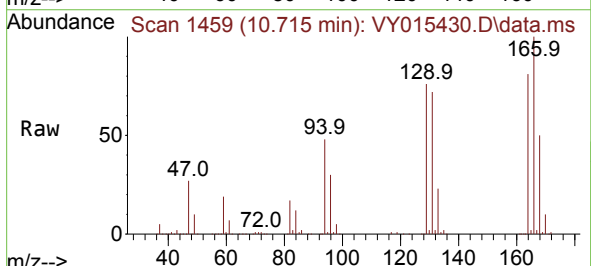
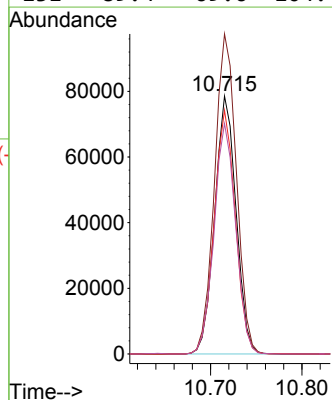
Ion Ratio Lower Upper

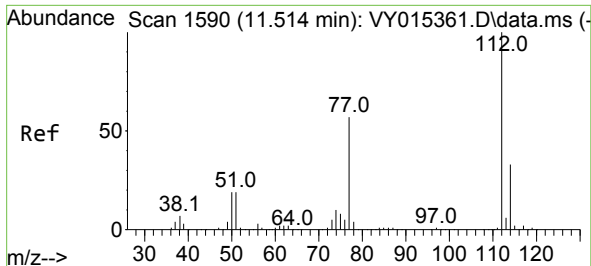
164 100

166 124.1 103.0 154.6

129 94.5 77.2 115.8

131 89.4 69.6 104.4

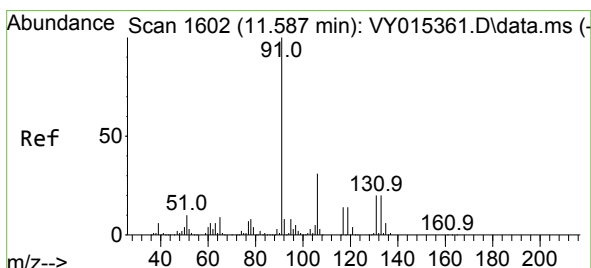
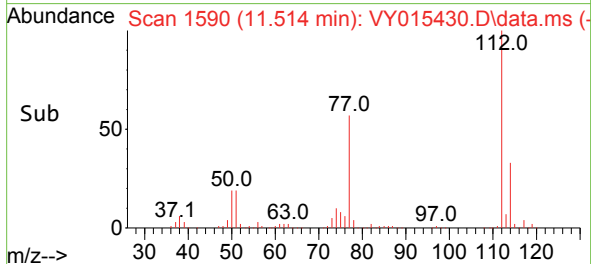
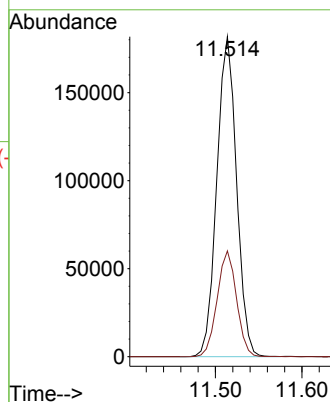
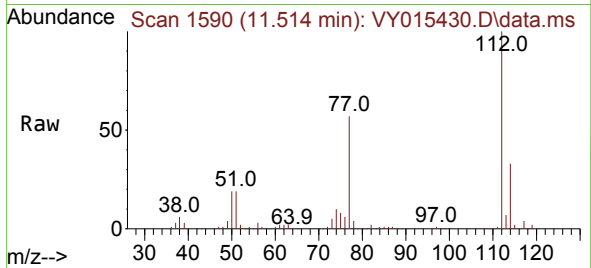




#65
Chlorobenzene
Concen: 48.391 ug/l
RT: 11.514 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

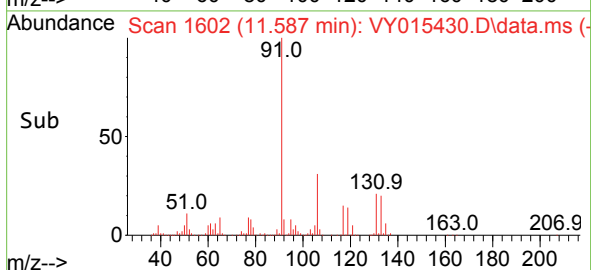
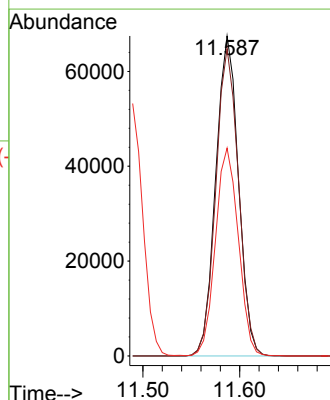
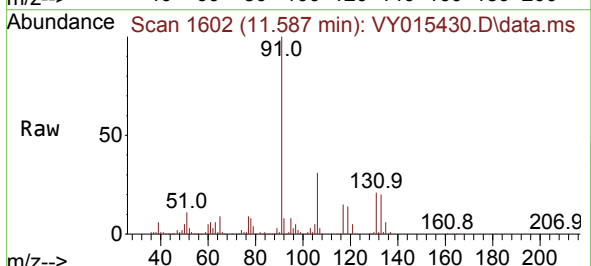
Instrument :
MSVOA_Y
ClientSampleId :

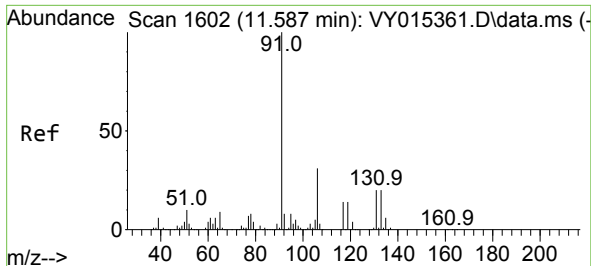
Tgt Ion:112 Resp: 287567
Ion Ratio Lower Upper
112 100
114 33.1 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 50.425 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion:131 Resp: 109678
Ion Ratio Lower Upper
131 100
133 96.3 47.5 142.6
119 65.8 31.6 94.7





#67

Ethyl Benzene

Concen: 47.682 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

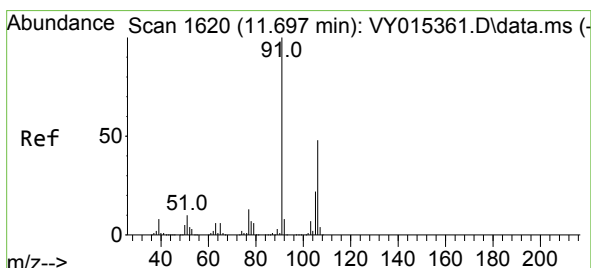
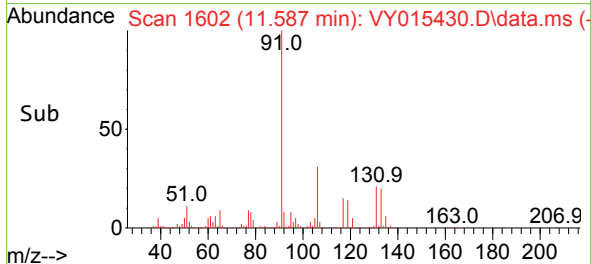
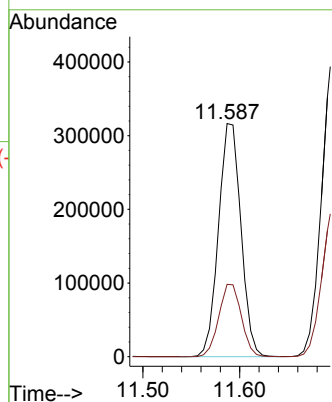
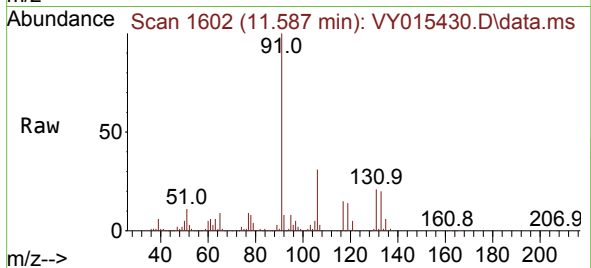
ClientSampleId :

Tgt Ion: 91 Resp: 508794

Ion Ratio Lower Upper

91 100

106 31.0 24.6 36.8



#68

m/p-Xylenes

Concen: 95.824 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. -0.006 min

Lab File: VY015430.D

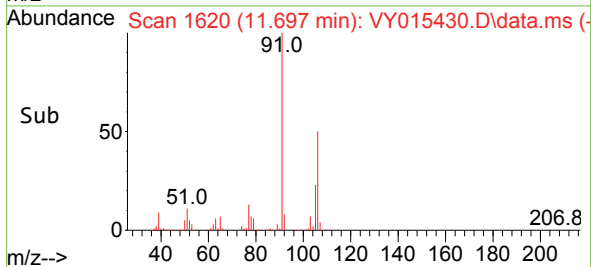
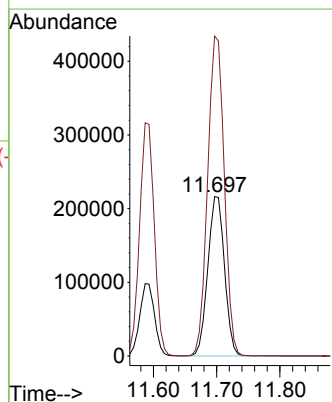
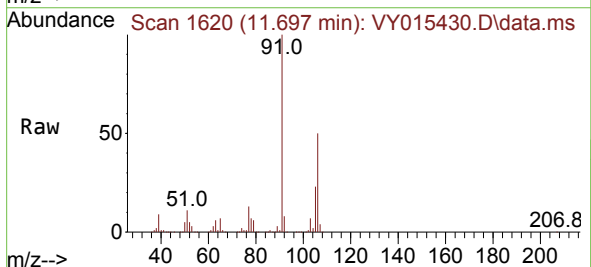
Acq: 05 Sep 2023 12:02

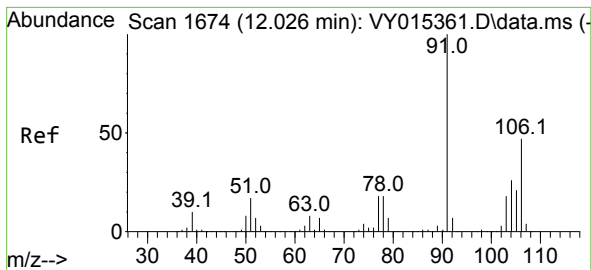
Tgt Ion:106 Resp: 396335

Ion Ratio Lower Upper

106 100

91 200.5 166.1 249.1





#69

o-Xylene

Concen: 48.515 ug/l

RT: 12.026 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

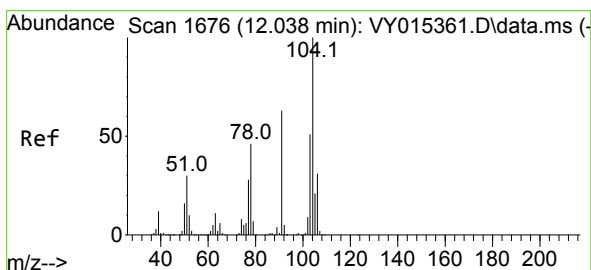
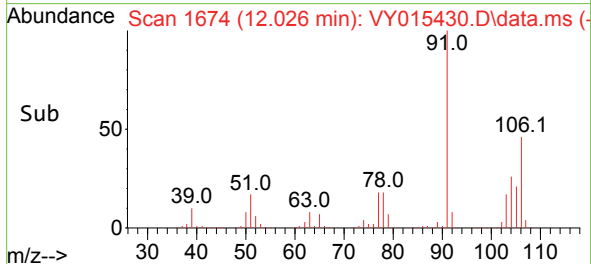
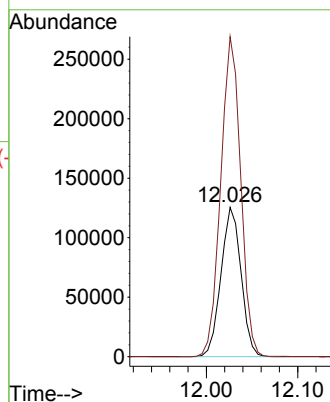
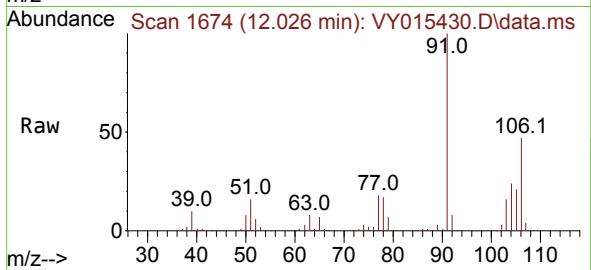
ClientSampleId :

Tgt Ion:106 Resp: 191773

Ion Ratio Lower Upper

106 100

91 213.1 108.1 324.3



#70

Styrene

Concen: 49.948 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. -0.006 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

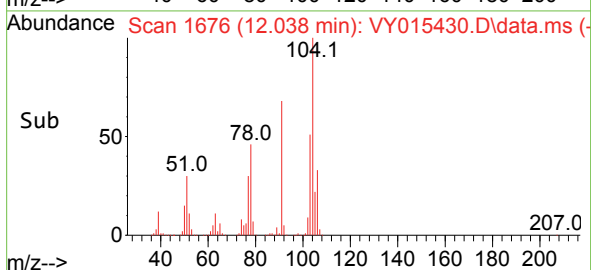
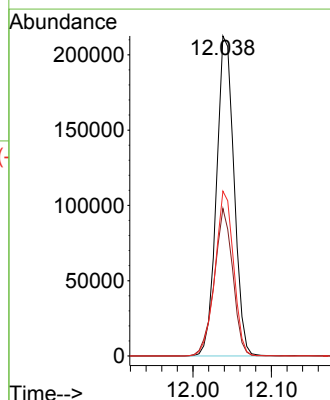
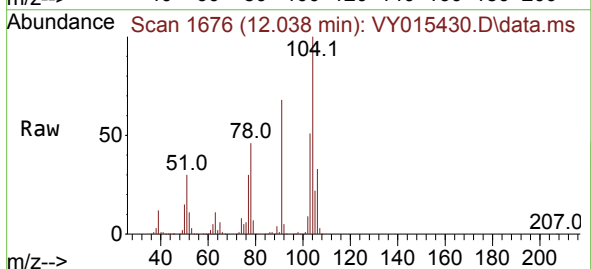
Tgt Ion:104 Resp: 331972

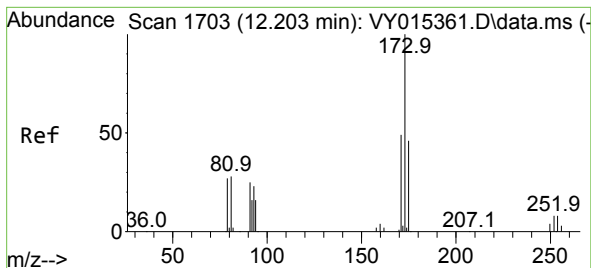
Ion Ratio Lower Upper

104 100

78 48.5 41.5 62.3

103 54.3 44.6 67.0





#71

Bromoform

Concen: 53.943 ug/l

RT: 12.203 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY015430.D

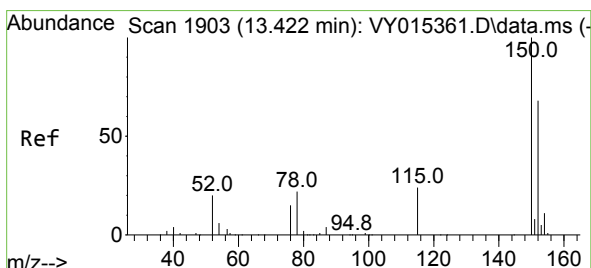
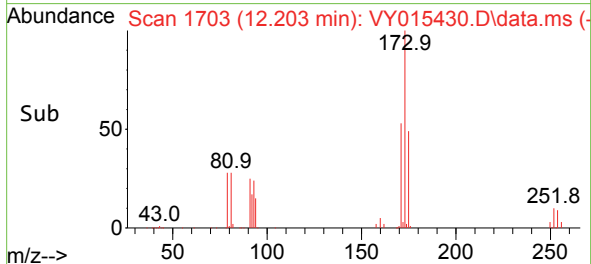
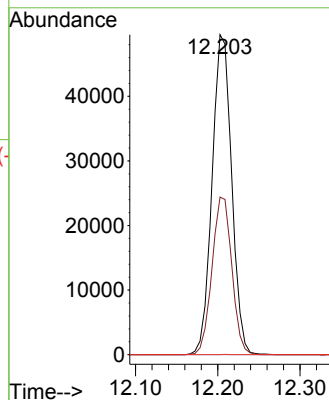
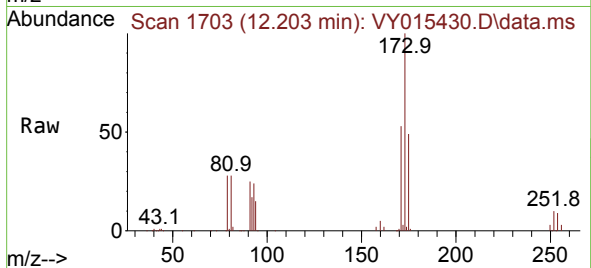
Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	81845
Ion Ratio	Lower	Upper
173	100	
175	49.9	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

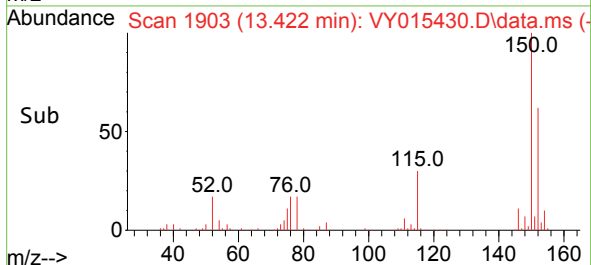
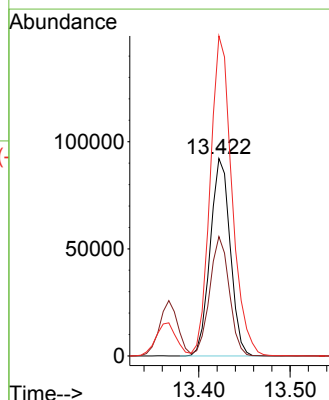
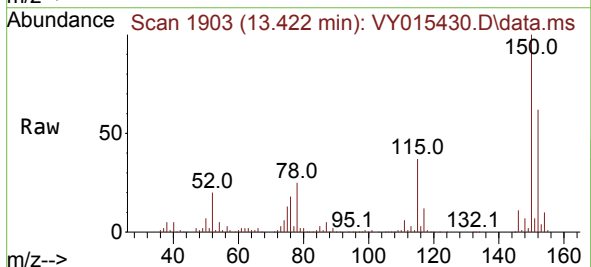
RT: 13.422 min Scan# 1903

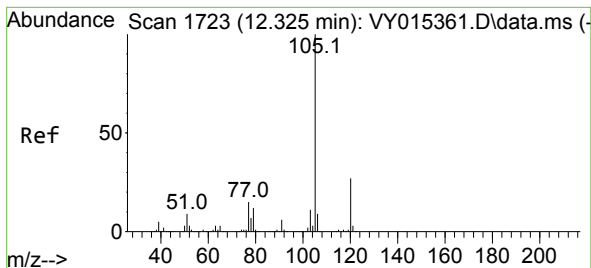
Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Tgt Ion:152	Resp:	139804
Ion Ratio	Lower	Upper
152	100	
115	59.2	28.8 86.5
150	176.5	0.0 348.8





#73

Isopropylbenzene

Concen: 47.129 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

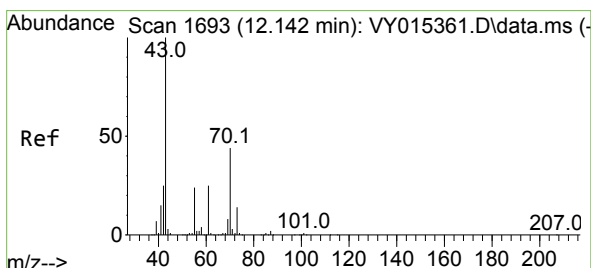
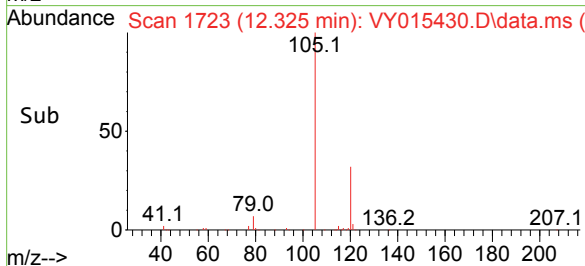
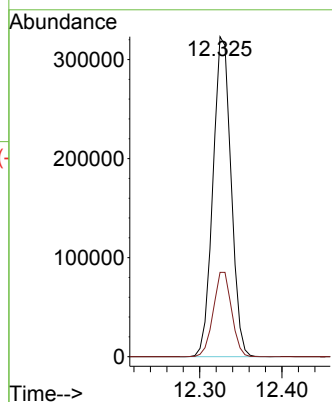
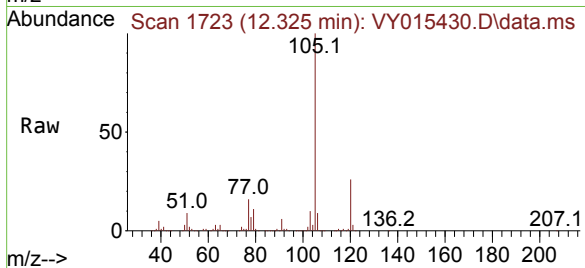
ClientSampleId :

Tgt Ion:105 Resp: 494913

Ion Ratio Lower Upper

105 100

120 26.6 13.3 39.9



#74

N-ethyl acetate

Concen: 55.282 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Tgt Ion: 43 Resp: 195034

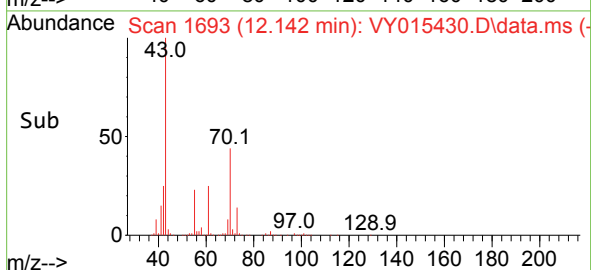
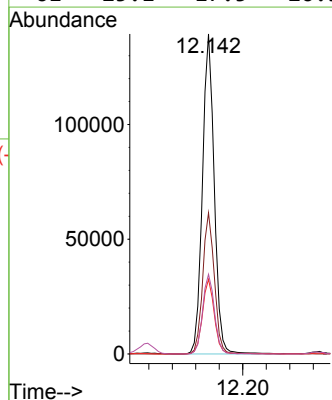
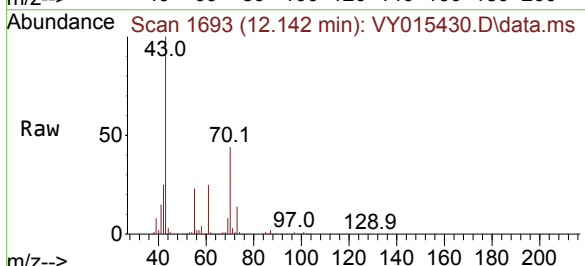
Ion Ratio Lower Upper

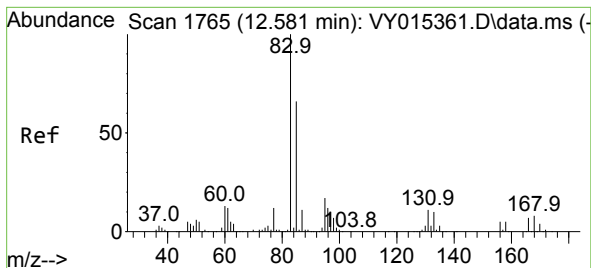
43 100

70 43.7 29.7 44.5

55 23.3 18.3 27.5

61 25.1 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 52.707 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

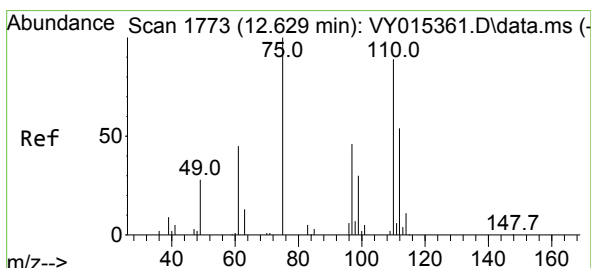
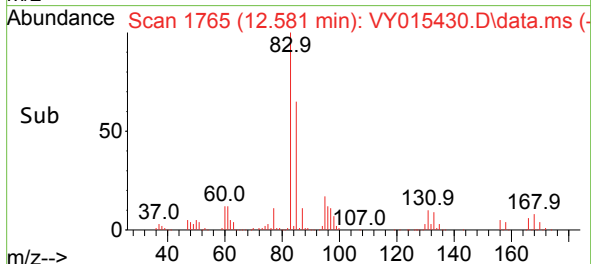
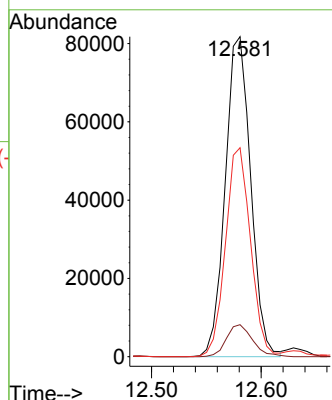
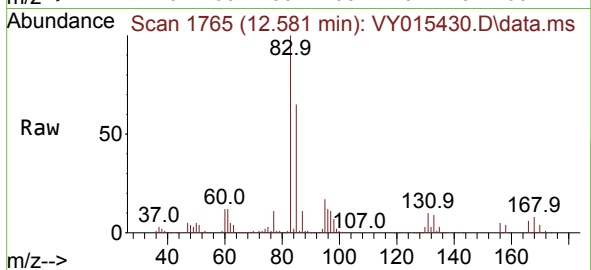
Tgt Ion: 83 Resp: 132126

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 64.4 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 97.909 ug/l

RT: 12.629 min Scan# 1773

Delta R.T. -0.000 min

Lab File: VY015430.D

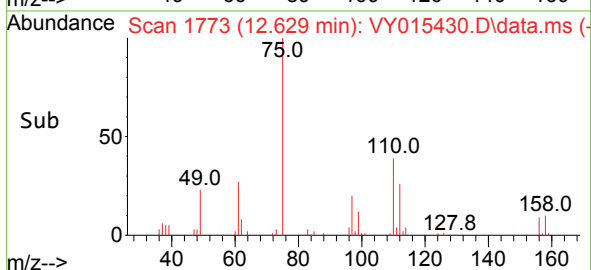
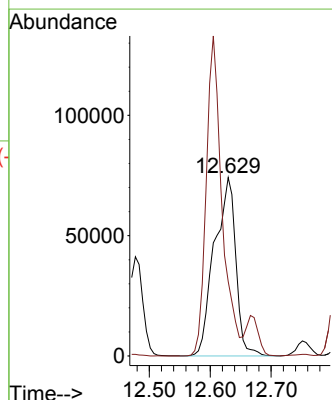
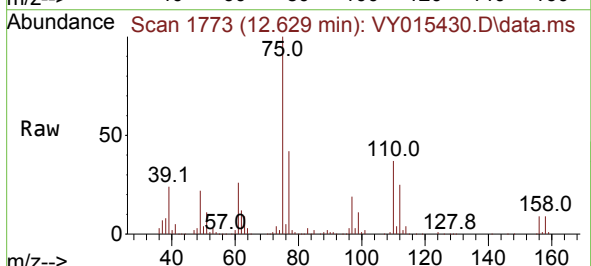
Acq: 05 Sep 2023 12:02

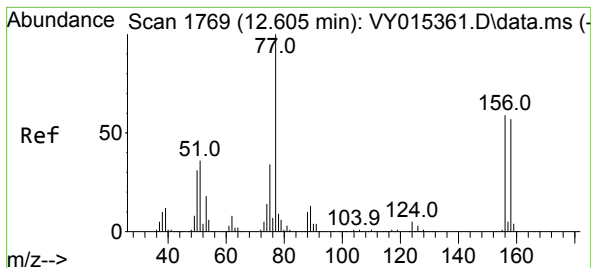
Tgt Ion: 75 Resp: 181518

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 48.781 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

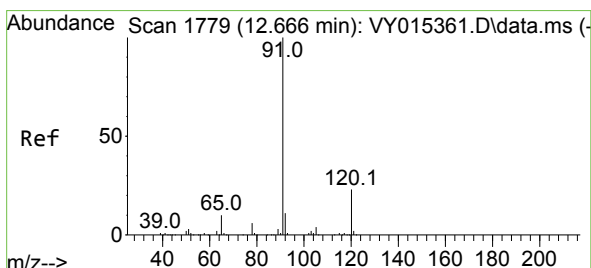
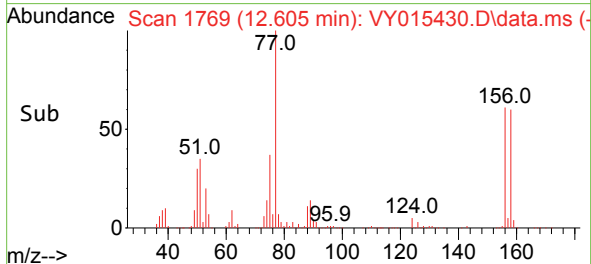
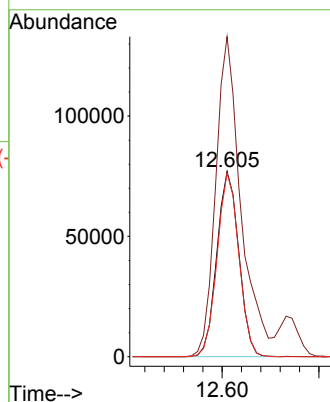
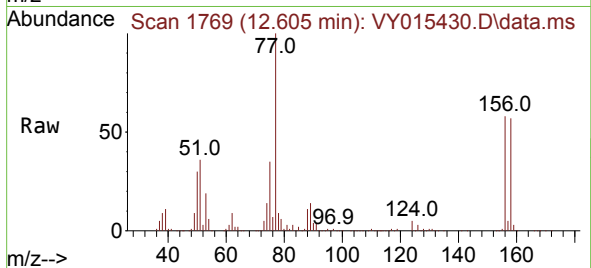
Tgt Ion:156 Resp: 121325

Ion Ratio Lower Upper

156 100

77 196.9 92.8 278.6

158 97.8 48.4 145.3



#78

n-propylbenzene

Concen: 47.598 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. -0.000 min

Lab File: VY015430.D

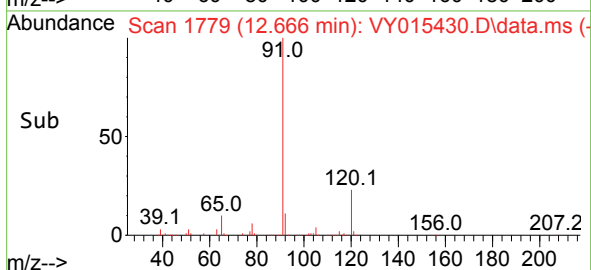
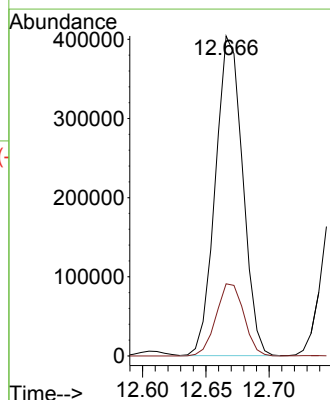
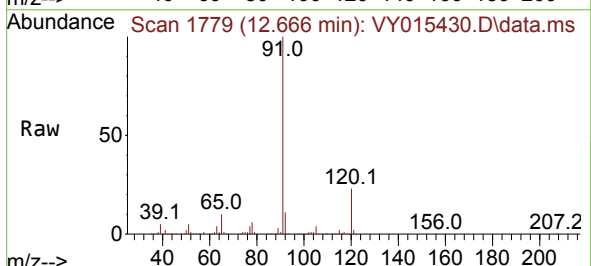
Acq: 05 Sep 2023 12:02

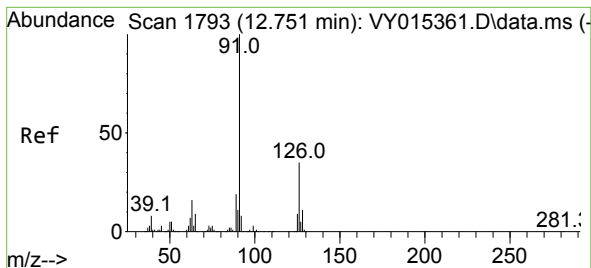
Tgt Ion: 91 Resp: 604817

Ion Ratio Lower Upper

91 100

120 23.0 11.5 34.4

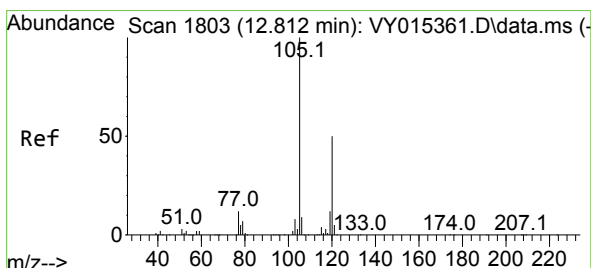
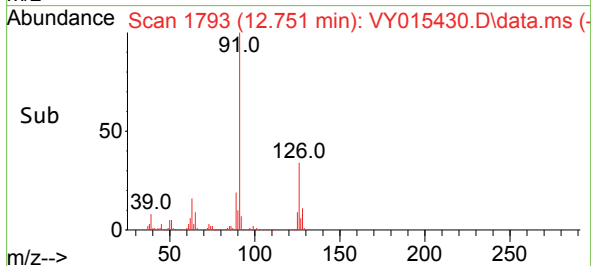
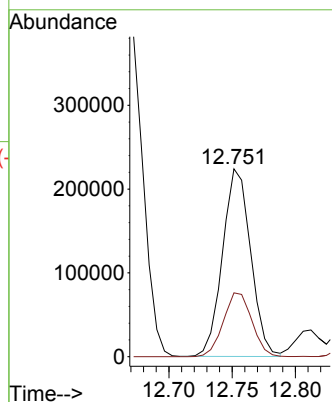
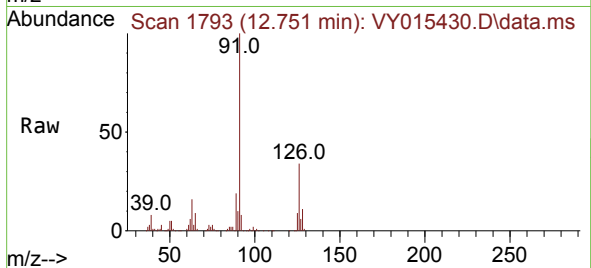




#79
2-Chlorotoluene
Concen: 48.631 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

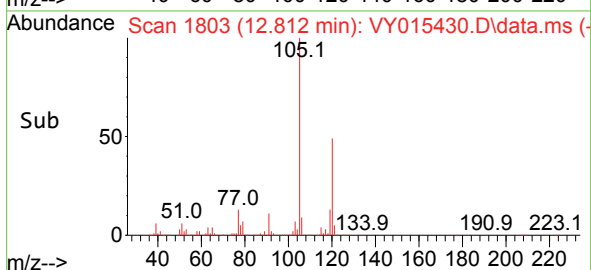
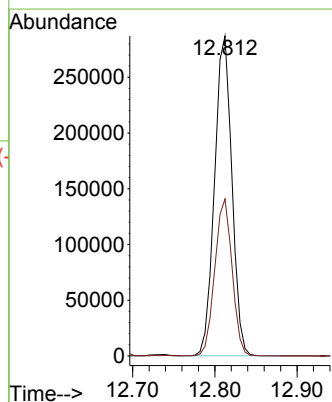
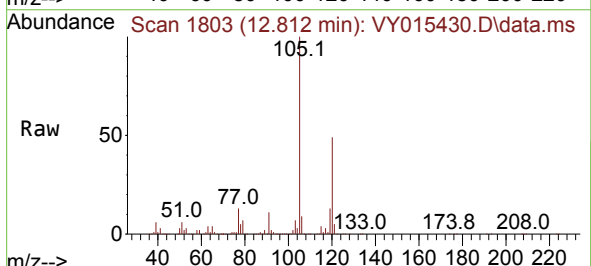
Instrument :
MSVOA_Y
ClientSampleId :

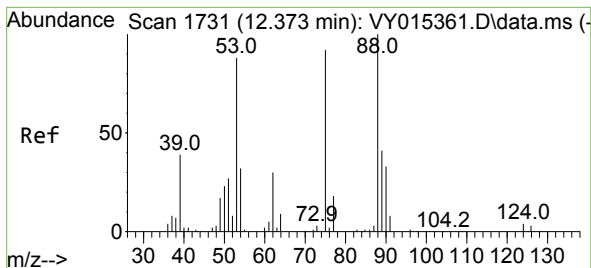
Tgt Ion: 91 Resp: 346597
Ion Ratio Lower Upper
91 100
126 34.6 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 47.862 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 105 Resp: 420400
Ion Ratio Lower Upper
105 100
120 49.0 23.9 71.7

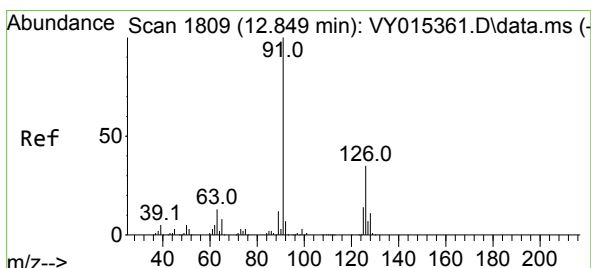
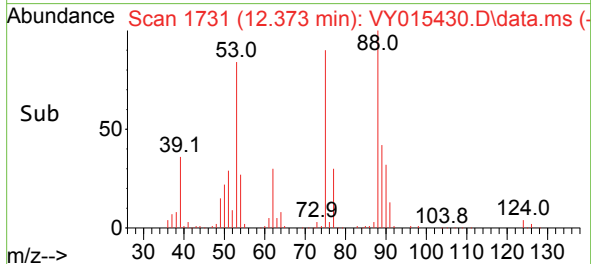
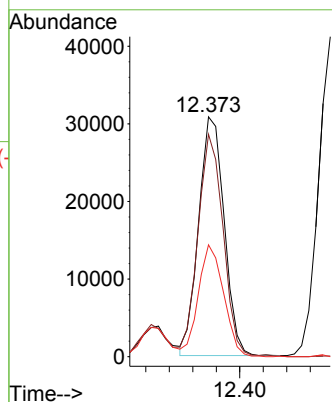
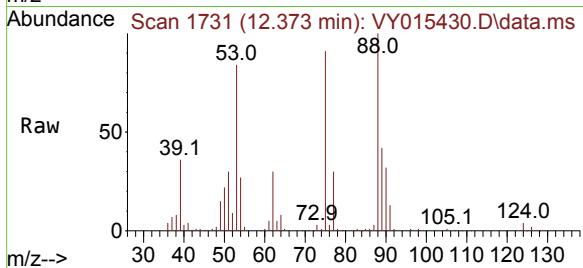




#81
trans-1,4-Dichloro-2-butene
Concen: 55.357 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

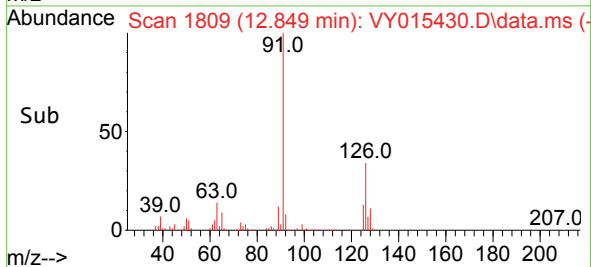
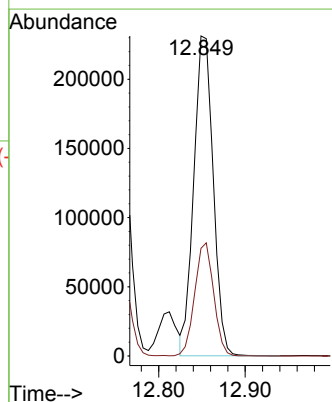
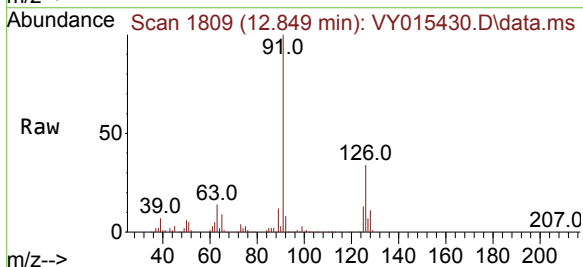
Instrument :
MSVOA_Y
ClientSampleId :

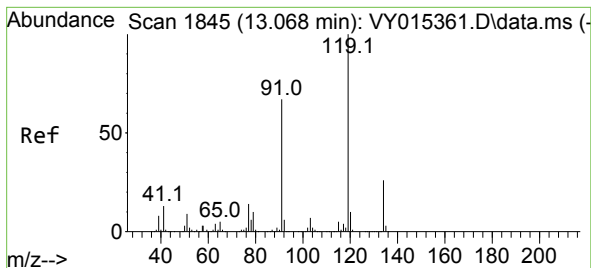
Tgt Ion: 75 Resp: 46525
Ion Ratio Lower Upper
75 100
53 92.7 77.8 116.8
89 46.4 37.4 56.0



#82
4-Chlorotoluene
Concen: 48.579 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY015430.D
Acq: 05 Sep 2023 12:02

Tgt Ion: 91 Resp: 359829
Ion Ratio Lower Upper
91 100
126 34.6 17.2 51.6





#83

tert-Butylbenzene

Concen: 46.879 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

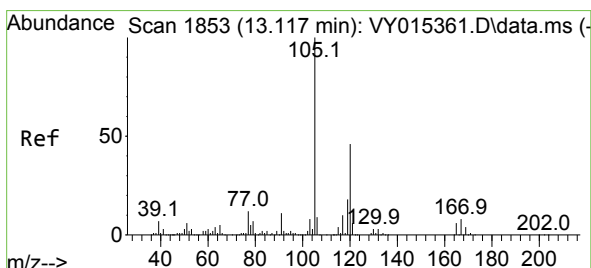
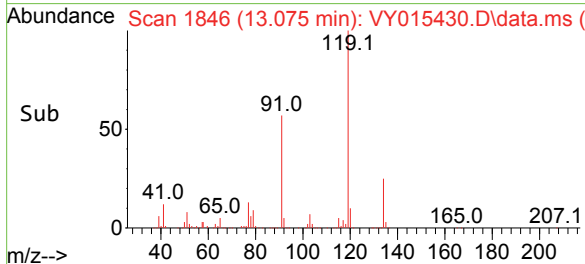
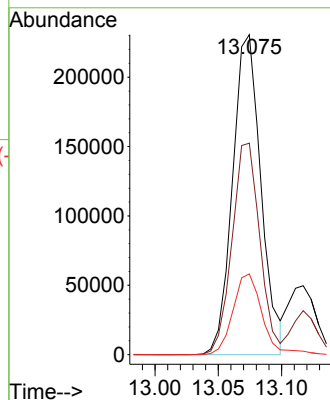
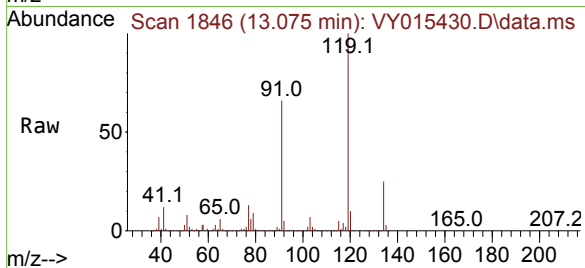
Tgt Ion:119 Resp: 360650

Ion Ratio Lower Upper

119 100

91 64.9 32.9 98.6

134 26.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 48.322 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VY015430.D

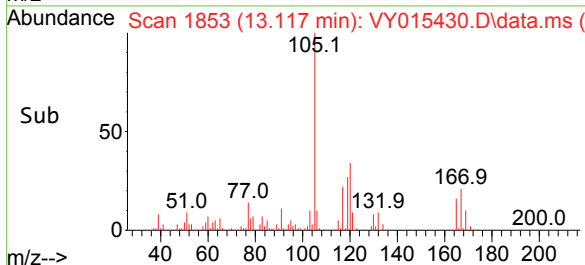
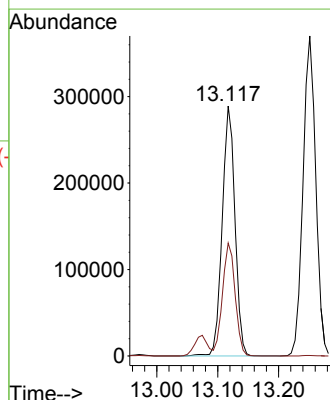
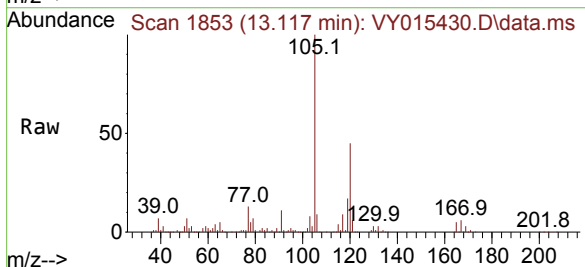
Acq: 05 Sep 2023 12:02

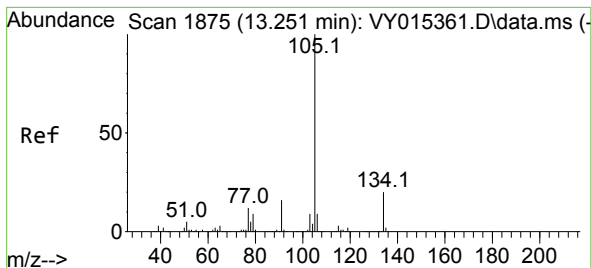
Tgt Ion:105 Resp: 421416

Ion Ratio Lower Upper

105 100

120 44.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 46.836 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

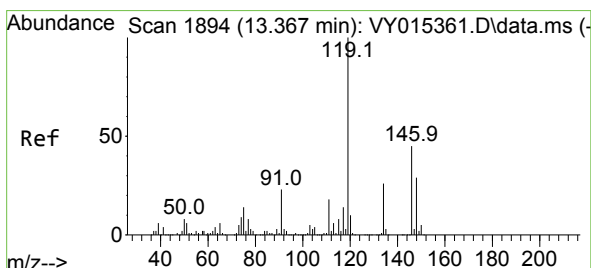
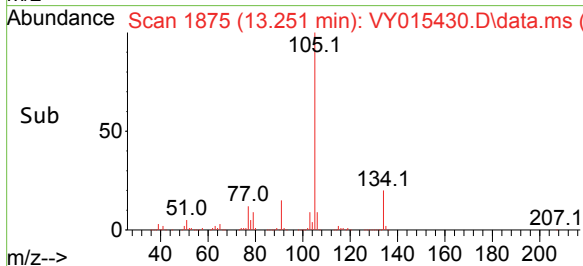
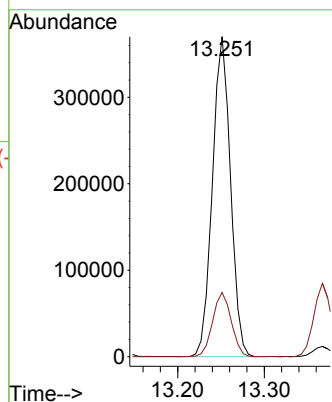
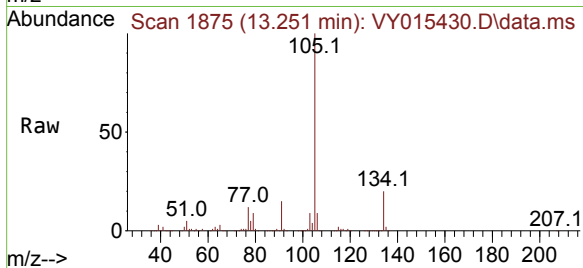
ClientSampleId :

Tgt Ion:105 Resp: 537435

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 47.429 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

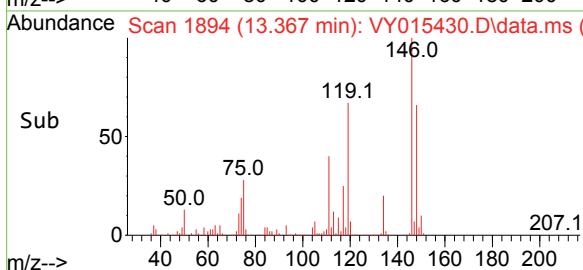
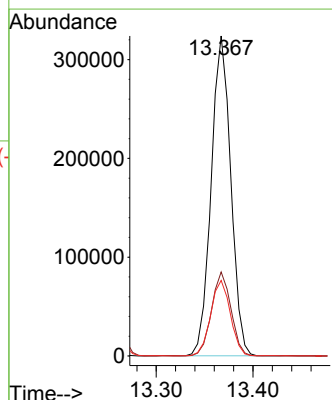
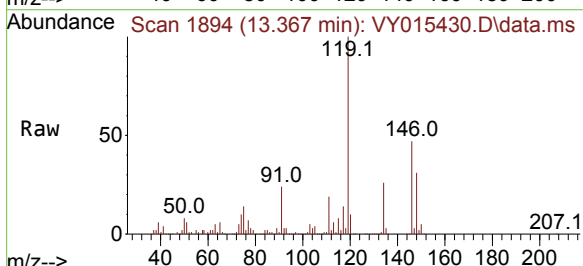
Tgt Ion:119 Resp: 456137

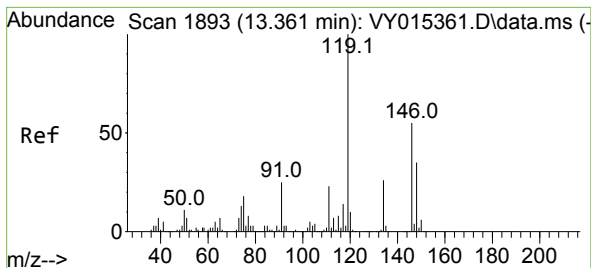
Ion Ratio Lower Upper

119 100

134 26.0 13.3 39.8

91 23.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 49.025 ug/l

RT: 13.361 min Scan# 1893

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

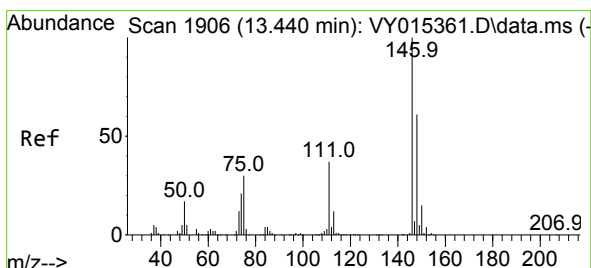
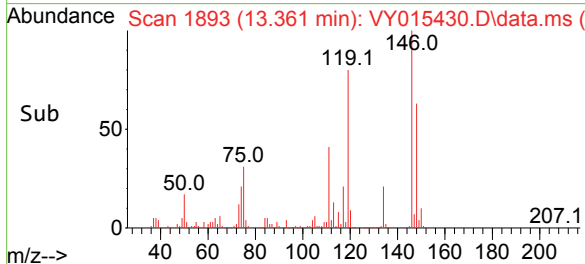
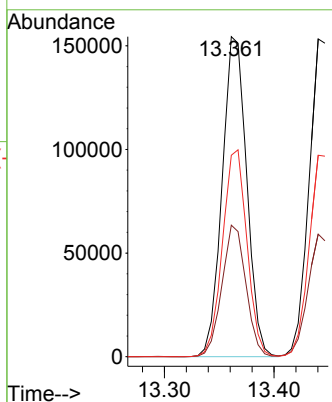
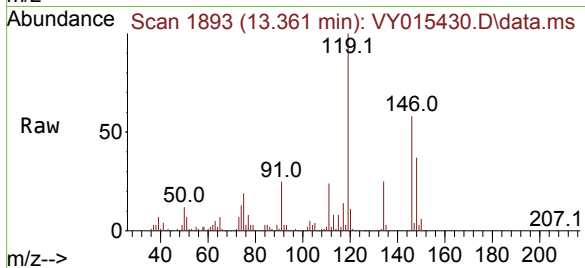
Tgt Ion:146 Resp: 240717

Ion Ratio Lower Upper

146 100

111 40.1 19.4 58.2

148 64.2 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 48.656 ug/l

RT: 13.440 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

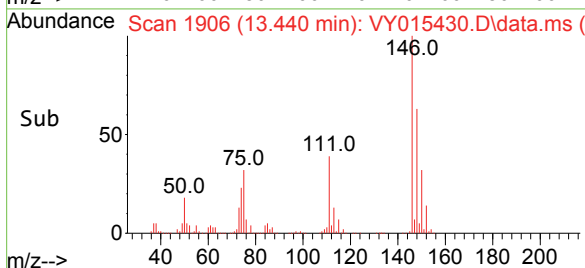
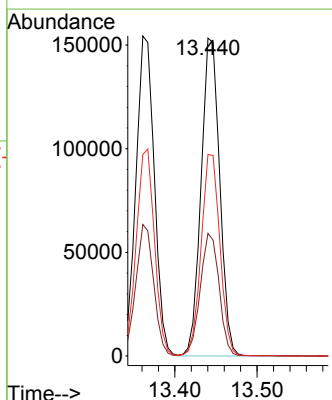
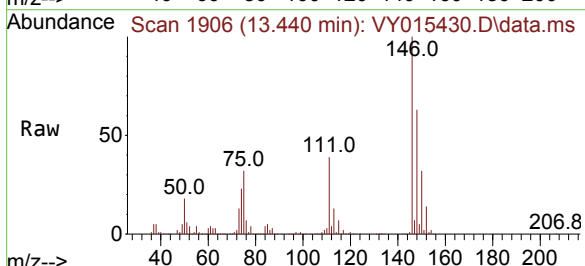
Tgt Ion:146 Resp: 241498

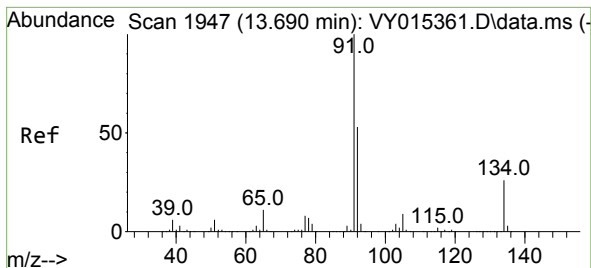
Ion Ratio Lower Upper

146 100

111 38.8 18.9 56.7

148 63.7 32.1 96.5





#89

n-Butylbenzene

Concen: 47.482 ug/l

RT: 13.696 min Scan# 1947

Delta R.T. -0.000 min

Lab File: VY015430.D

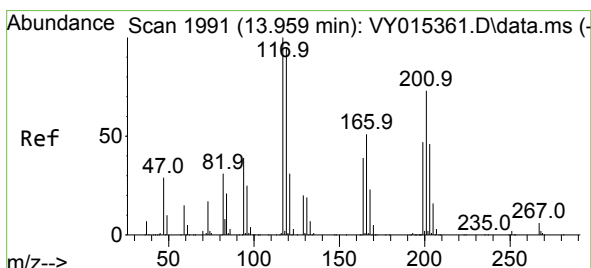
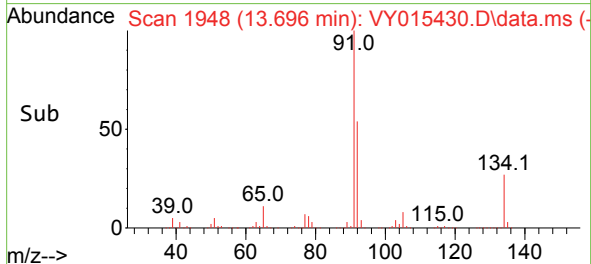
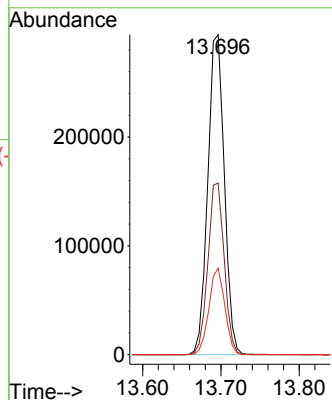
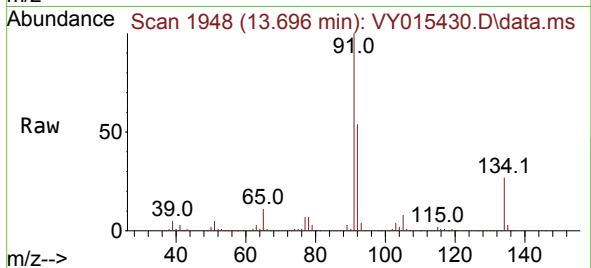
Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	91	Resp:	429801
Ion	Ratio	Lower	Upper
91	100		
92	53.0	25.4	76.0
134	26.1	12.6	37.6



#90

Hexachloroethane

Concen: 49.561 ug/l

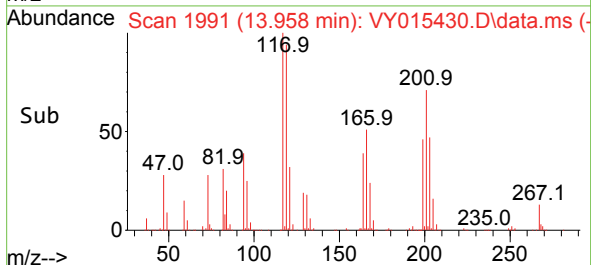
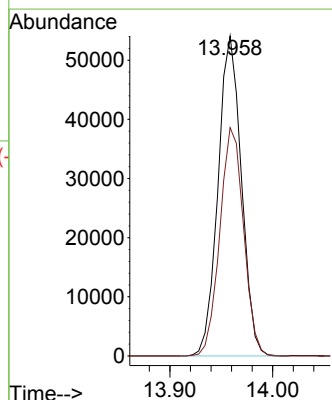
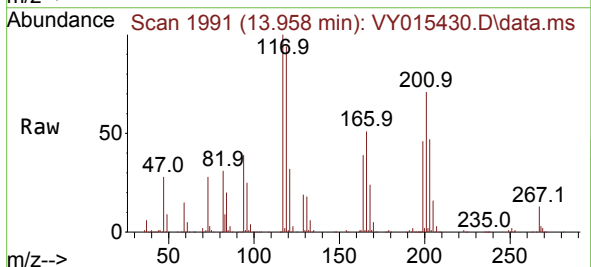
RT: 13.958 min Scan# 1991

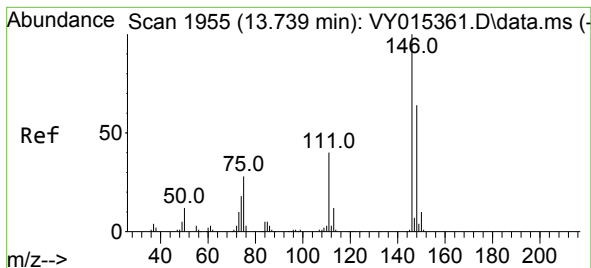
Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Tgt Ion:	117	Resp:	85246
Ion	Ratio	Lower	Upper
117	100		
201	72.6	41.6	124.8





#91

1,2-Dichlorobenzene

Concen: 49.831 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

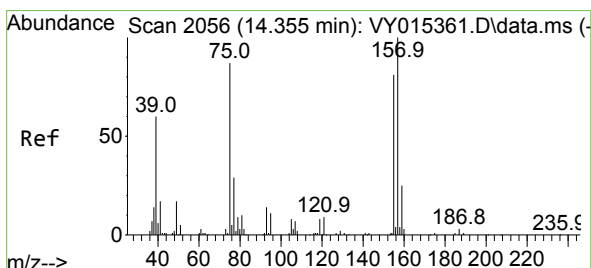
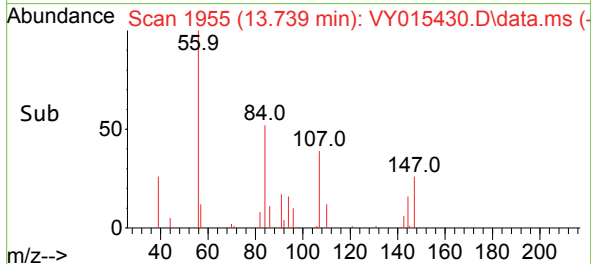
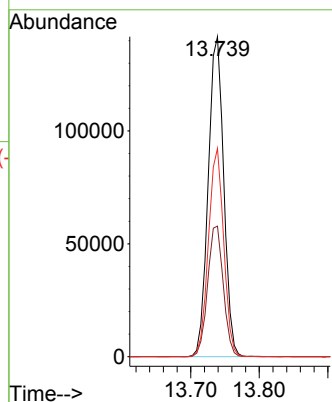
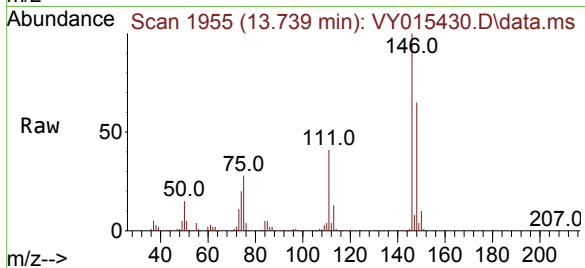
Tgt Ion:146 Resp: 223288

Ion Ratio Lower Upper

146 100

111 41.2 19.7 59.0

148 63.8 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.607 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

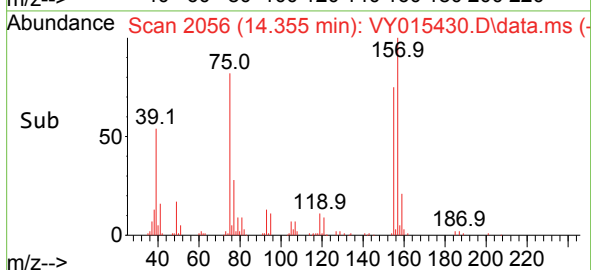
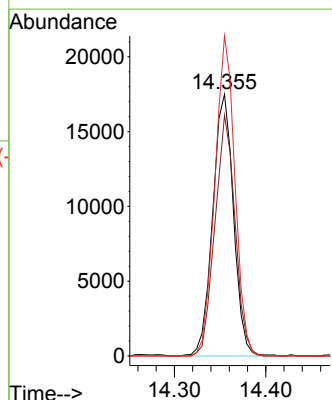
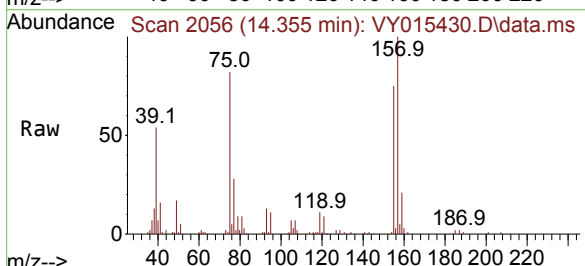
Tgt Ion: 75 Resp: 27575

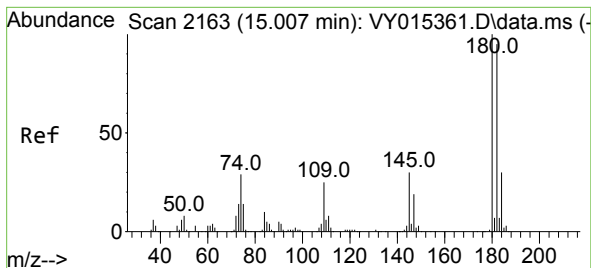
Ion Ratio Lower Upper

75 100

155 89.2 41.5 124.6

157 117.6 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.614 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.006 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

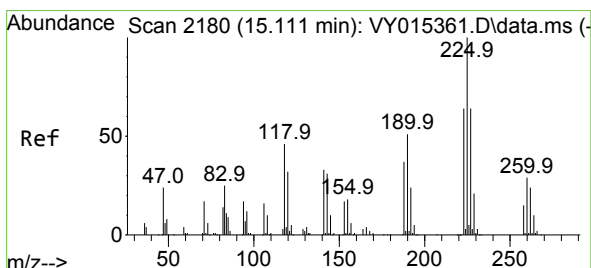
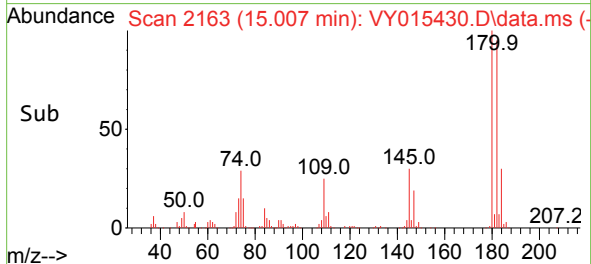
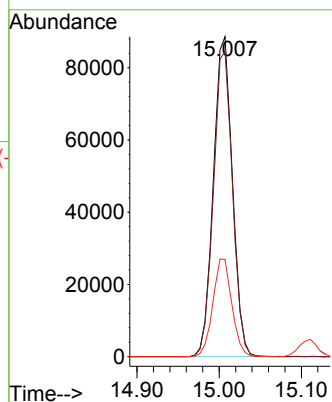
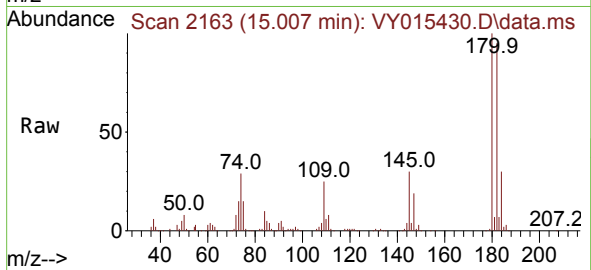
Tgt Ion:180 Resp: 142432

Ion Ratio Lower Upper

180 100

182 95.4 47.0 141.2

145 30.5 14.5 43.5



#94

Hexachlorobutadiene

Concen: 46.744 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

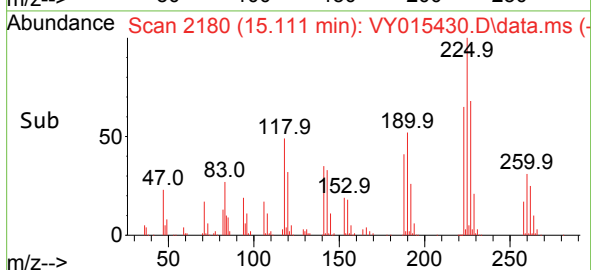
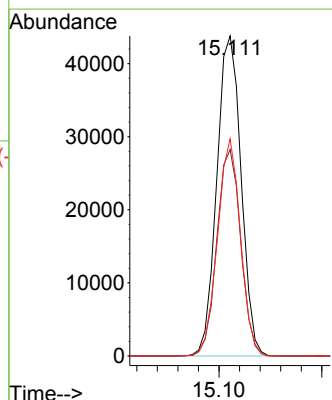
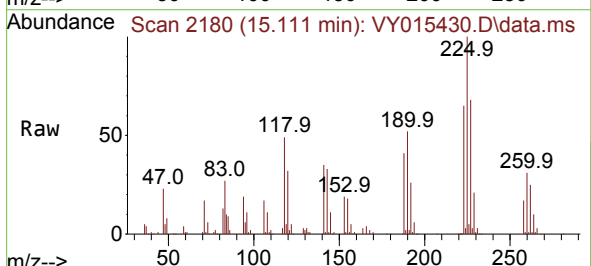
Tgt Ion:225 Resp: 71728

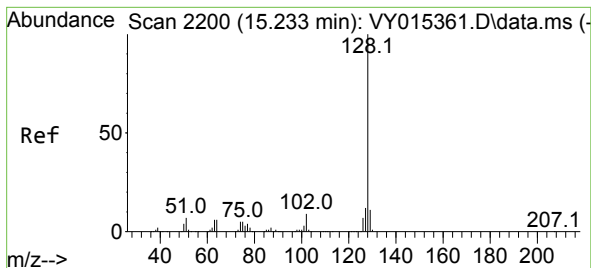
Ion Ratio Lower Upper

225 100

223 63.3 31.9 95.9

227 64.2 33.0 98.9





#95

Naphthalene

Concen: 54.974 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Instrument :

MSVOA_Y

ClientSampleId :

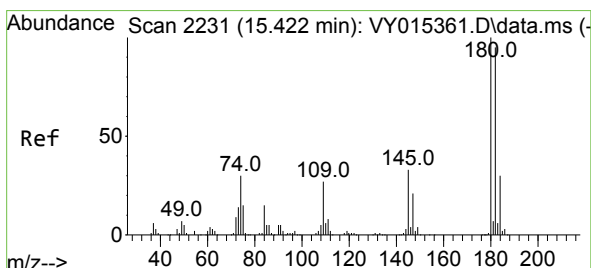
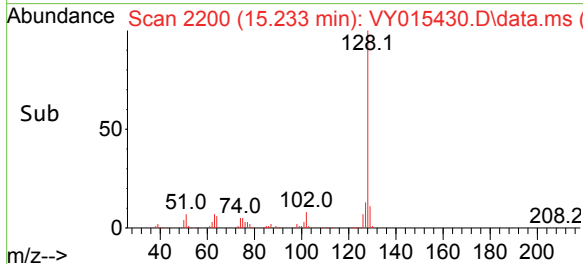
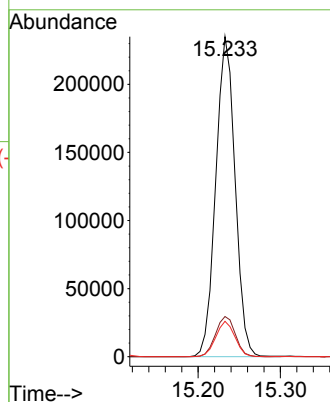
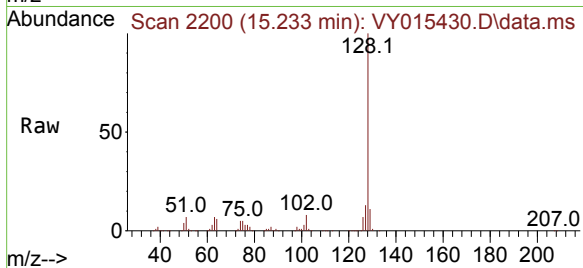
Tgt Ion:128 Resp: 383209

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 51.796 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. -0.000 min

Lab File: VY015430.D

Acq: 05 Sep 2023 12:02

Tgt Ion:180 Resp: 132951

Ion Ratio Lower Upper

180 100

182 94.7 47.3 141.8

145 32.2 15.4 46.2

