

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016120.D
 Acq On : 27 Oct 2023 21:37
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:16:18 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102623S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 27 04:12:29 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	243775	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	405421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	363957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	180813	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	127168	52.462	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.920%	
35) Dibromofluoromethane	7.728	113	125897	49.190	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.380%	
50) Toluene-d8	10.185	98	461177	48.645	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 97.280%	
62) 4-Bromofluorobenzene	12.483	95	170105	52.307	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 104.620%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	79859	47.467	ug/l	97
3) Chloromethane	2.119	50	90944	44.114	ug/l	98
4) Vinyl Chloride	2.253	62	103106	43.779	ug/l	97
5) Bromomethane	2.650	94	81320	46.454	ug/l	100
6) Chloroethane	2.796	64	73062	45.290	ug/l	96
7) Trichlorofluoromethane	3.131	101	179723	47.685	ug/l	100
8) Diethyl Ether	3.534	74	65539	51.882	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.906	101	106484	46.834	ug/l	97
10) Methyl Iodide	4.095	142	146738	50.510	ug/l	96
11) Tert butyl alcohol	4.966	59	59957	226.342	ug/l #	81
12) 1,1-Dichloroethene	3.875	96	99731	47.877	ug/l	90
13) Acrolein	3.735	56	60931	201.819	ug/l	100
14) Allyl chloride	4.485	41	151206	46.435	ug/l #	94
15) Acrylonitrile	5.174	53	165377	266.865	ug/l	98
16) Acetone	3.954	43	118815	180.840	ug/l	93
17) Carbon Disulfide	4.198	76	269102	46.702	ug/l	99
18) Methyl Acetate	4.485	43	127724	54.983	ug/l #	90
19) Methyl tert-butyl Ether	5.228	73	324877	54.689	ug/l	99
20) Methylene Chloride	4.722	84	141451	55.999	ug/l	88
21) trans-1,2-Dichloroethene	5.228	96	118617	49.124	ug/l	92
22) Diisopropyl ether	6.125	45	353640	49.666	ug/l	92
23) Vinyl Acetate	6.070	43	967880	253.705	ug/l #	92
24) 1,1-Dichloroethane	6.027	63	212781	49.602	ug/l	96
25) 2-Butanone	6.990	43	211351	238.344	ug/l	91
26) 2,2-Dichloropropane	6.990	77	182570	45.782	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	142738	50.335	ug/l	92
28) Bromochloromethane	7.344	49	83356	47.497	ug/l	87
29) Tetrahydrofuran	7.356	42	137961	271.160	ug/l	88
30) Chloroform	7.515	83	229371	50.616	ug/l	94
31) Cyclohexane	7.795	56	168571	44.204	ug/l	89
32) 1,1,1-Trichloroethane	7.710	97	199996	49.203	ug/l	98
36) 1,1-Dichloropropene	7.923	75	161508	45.270	ug/l	99
37) Ethyl Acetate	7.076	43	94767	51.824	ug/l #	93
38) Carbon Tetrachloride	7.905	117	178283	47.256	ug/l	97
39) Methylcyclohexane	9.191	83	202840	46.670	ug/l	91
40) Benzene	8.167	78	499207	49.423	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	129306	135.114	ug/l #	17
42) 1,2-Dichloroethane	8.246	62	148309	50.815	ug/l	93
43) Isopropyl Acetate	8.277	43	181799	53.172	ug/l #	92
44) Trichloroethene	8.947	130	137201	48.645	ug/l	97
45) 1,2-Dichloropropane	9.222	63	123594	48.346	ug/l	96
46) Dibromomethane	9.313	93	75735	50.525	ug/l	99
47) Bromodichloromethane	9.502	83	182000	50.205	ug/l	96
48) Methyl methacrylate	9.295	41	81740	51.893	ug/l #	86
49) 1,4-Dioxane	9.301	88	21102	1125.207	ug/l #	52
51) 4-Methyl-2-Pentanone	10.075	43	482984	267.713	ug/l	91
52) Toluene	10.246	92	332451	51.256	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	186748	50.377	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	207935	49.600	ug/l	89
55) 1,1,2-Trichloroethane	10.648	97	105641	49.603	ug/l	97
56) Ethyl methacrylate	10.514	69	150053	54.823	ug/l #	85
57) 1,3-Dichloropropane	10.795	76	179212	50.339	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.789	63	356218	261.426	ug/l	91
59) 2-Hexanone	10.837	43	342254	257.534	ug/l	89
60) Dibromochloromethane	10.990	129	133715	51.271	ug/l	100
61) 1,2-Dibromoethane	11.093	107	105444	51.705	ug/l	100
64) Tetrachloroethene	10.721	164	128169	53.215	ug/l	96
65) Chlorobenzene	11.520	112	343448	48.019	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	133167	49.856	ug/l	99
67) Ethyl Benzene	11.599	91	616845	48.555	ug/l	99
68) m/p-Xylenes	11.709	106	490016	99.671	ug/l	95
69) o-Xylene	12.032	106	240071	51.007	ug/l	96
70) Styrene	12.050	104	403334	51.409	ug/l	96
71) Bromoform	12.215	173	85974	52.841	ug/l #	100
73) Isopropylbenzene	12.331	105	603137	47.398	ug/l	99
74) N-amyl acetate	12.148	43	174765	56.325	ug/l #	79
75) 1,1,2,2-Tetrachloroethane	12.587	83	130472	50.158	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	164435	89.075	ug/l #	100
77) Bromobenzene	12.611	156	148496	50.002	ug/l	96
78) n-propylbenzene	12.672	91	719774	46.716	ug/l	98
79) 2-Chlorotoluene	12.758	91	414506	48.036	ug/l	99
80) 1,3,5-Trimethylbenzene	12.819	105	518111	49.041	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	43096	50.732	ug/l	92
82) 4-Chlorotoluene	12.861	91	425920	47.595	ug/l	99
83) tert-Butylbenzene	13.081	119	459061	48.883	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	533816	51.160	ug/l	98
85) sec-Butylbenzene	13.258	105	661898	47.322	ug/l	99
86) p-Isopropyltoluene	13.373	119	559073	47.902	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	288394	48.092	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	286798	48.391	ug/l	99
89) n-Butylbenzene	13.696	91	519460	47.713	ug/l	96
90) Hexachloroethane	13.965	117	106294	46.779	ug/l	93
91) 1,2-Dichlorobenzene	13.745	146	262318	49.406	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	22516	55.136	ug/l	87
93) 1,2,4-Trichlorobenzene	15.013	180	166096	50.566	ug/l	97
94) Hexachlorobutadiene	15.117	225	91812	48.159	ug/l	97
95) Naphthalene	15.239	128	932005	145.488	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	147892	52.209	ug/l	98

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QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration

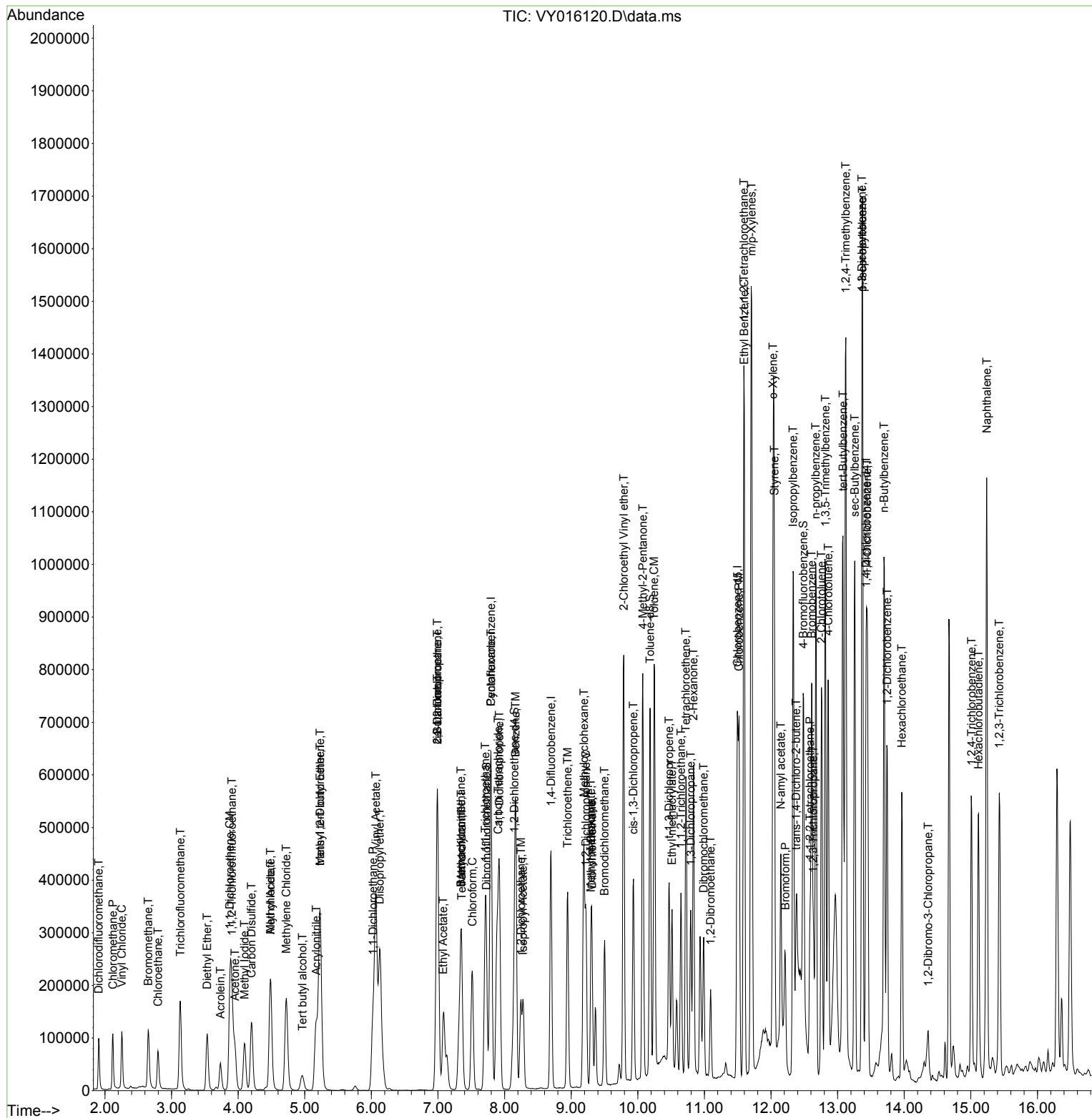
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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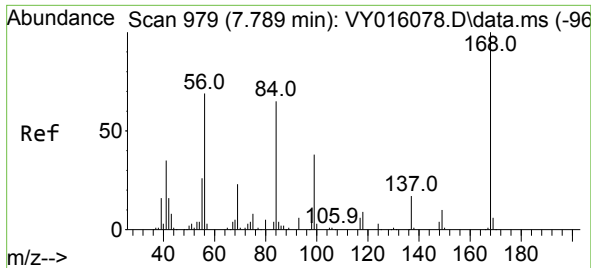
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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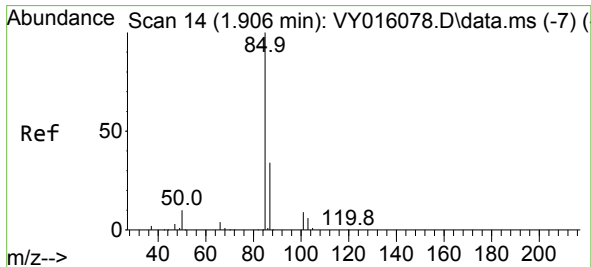
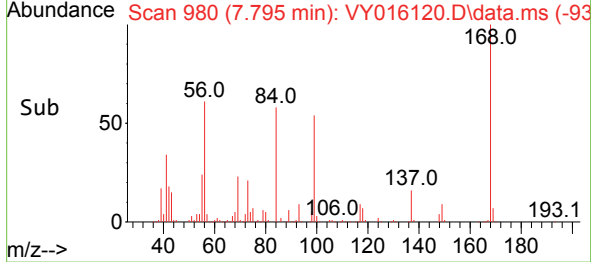
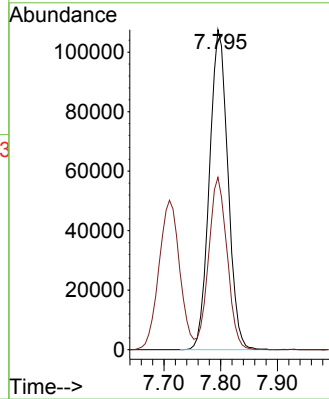
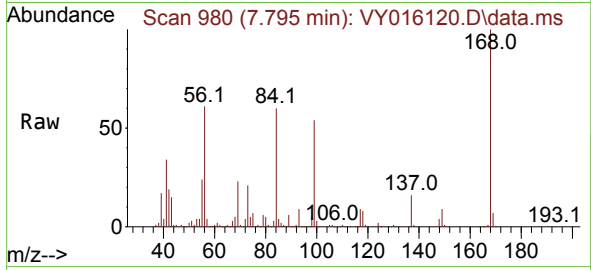




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016120.D
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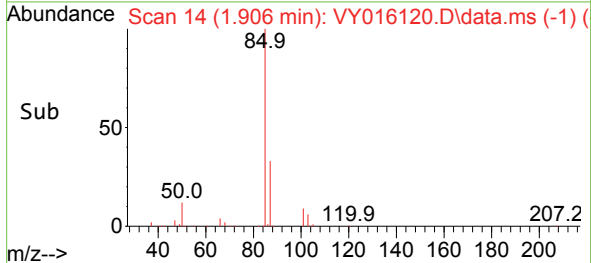
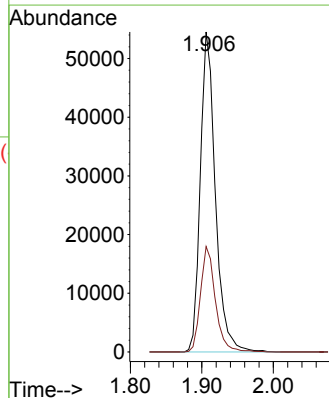
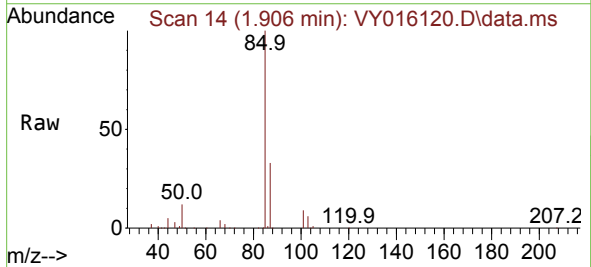
Instrument :
MSVOA_Y
ClientSampleId :

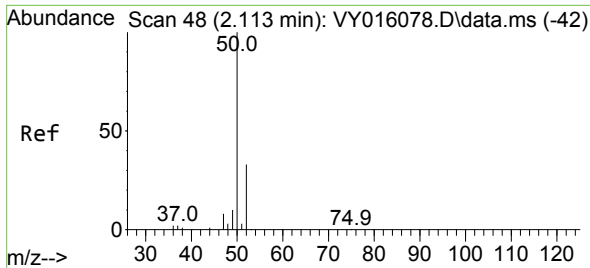
Tgt Ion:168 Resp: 243775
Ion Ratio Lower Upper
168 100
99 53.8 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 47.467 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 85 Resp: 79859
Ion Ratio Lower Upper
85 100
87 32.9 15.6 46.8

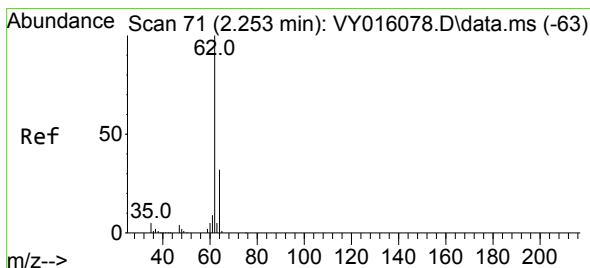
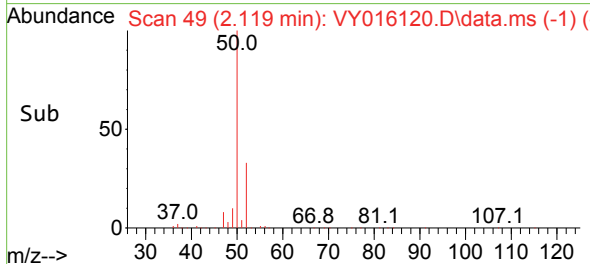
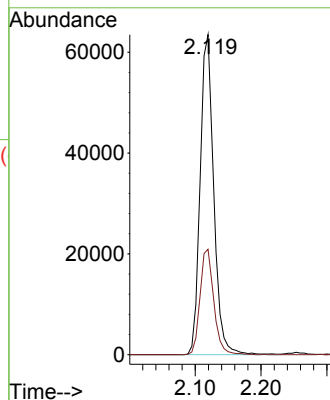
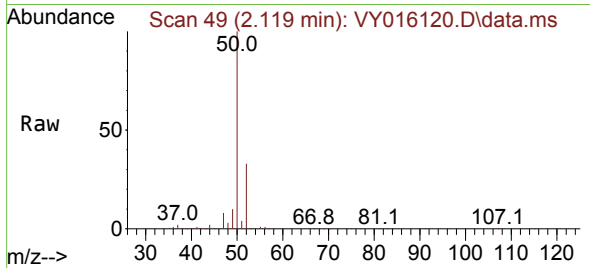




#3
Chloromethane
Concen: 44.114 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

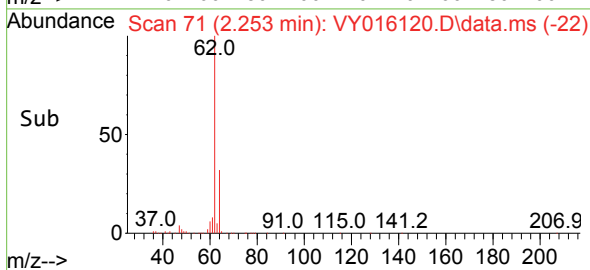
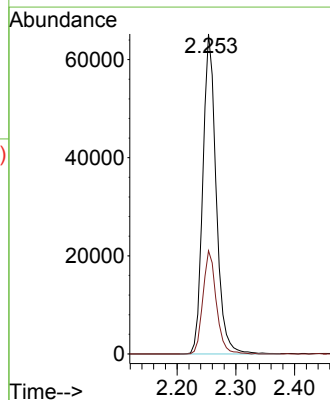
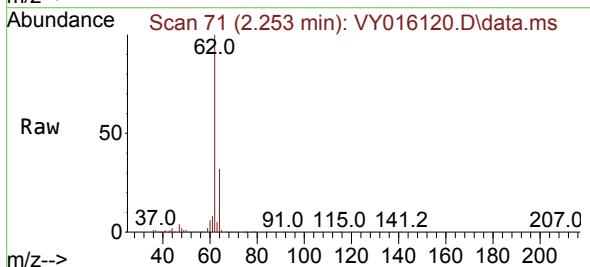
Instrument :
MSVOA_Y
ClientSampleId :

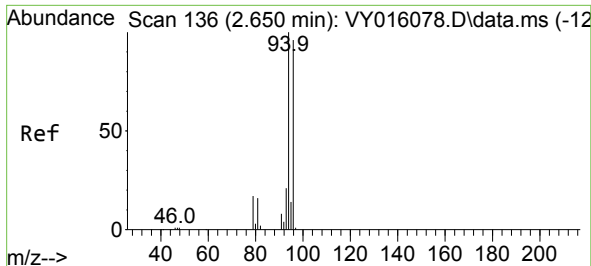
Tgt Ion: 50 Resp: 90944
Ion Ratio Lower Upper
50 100
52 33.0 25.4 38.2



#4
Vinyl Chloride
Concen: 43.779 ug/l
RT: 2.253 min Scan# 71
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 62 Resp: 103106
Ion Ratio Lower Upper
62 100
64 32.3 24.3 36.5





#5

Bromomethane

Concen: 46.454 ug/l

RT: 2.650 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

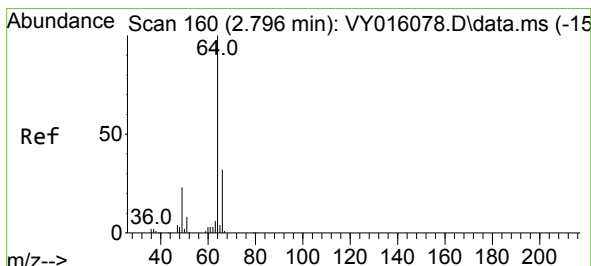
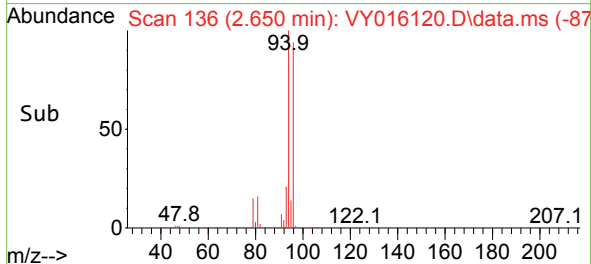
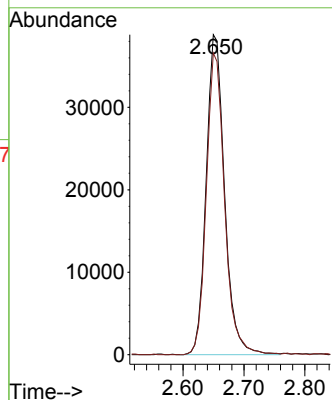
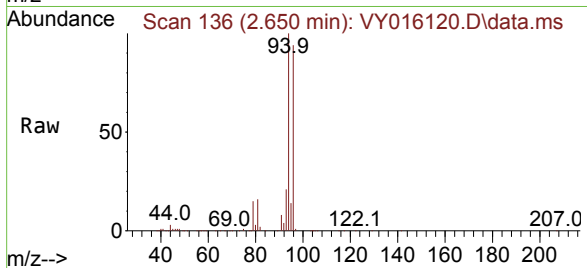
ClientSampleId :

Tgt Ion: 94 Resp: 81320

Ion Ratio Lower Upper

94 100

96 94.2 75.8 113.6



#6

Chloroethane

Concen: 45.290 ug/l

RT: 2.796 min Scan# 160

Delta R.T. 0.000 min

Lab File: VY016120.D

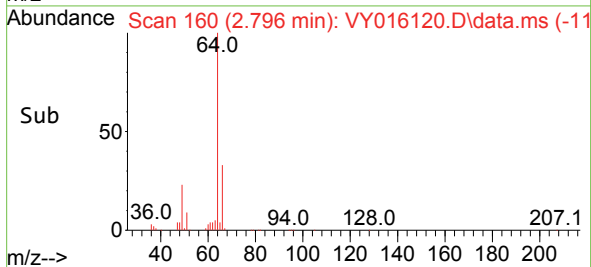
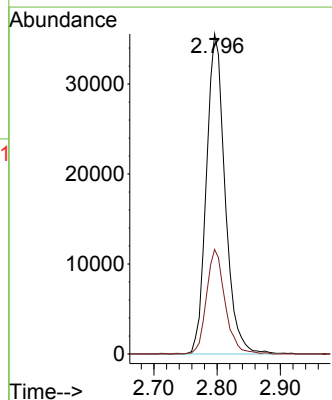
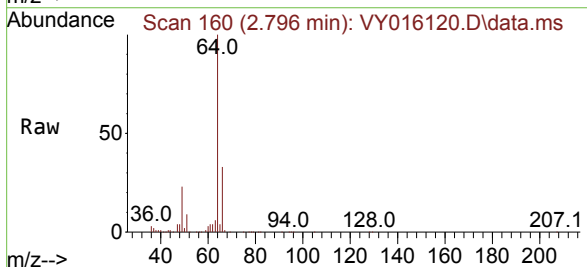
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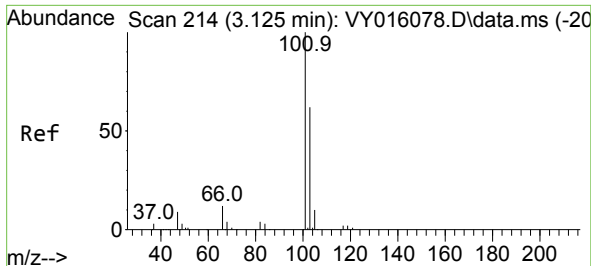
Tgt Ion: 64 Resp: 73062

Ion Ratio Lower Upper

64 100

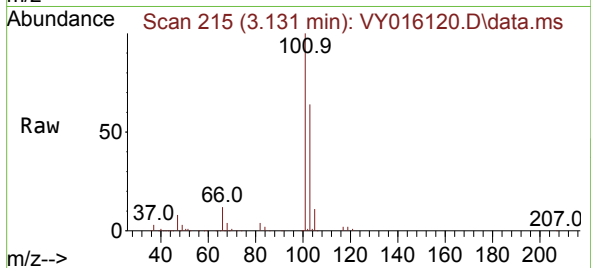
66 32.7 24.4 36.6



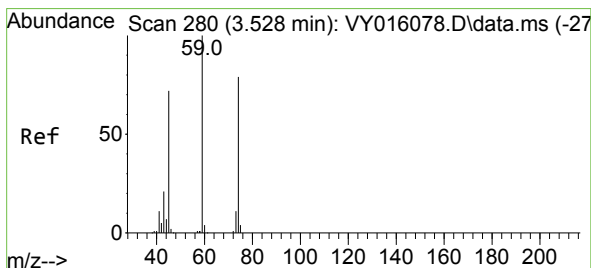
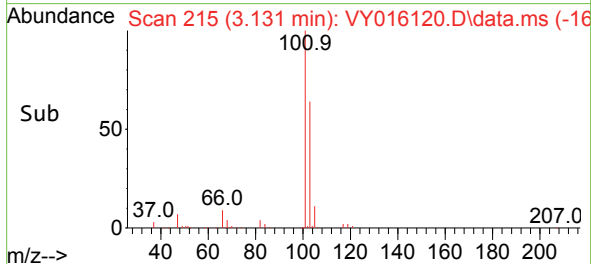
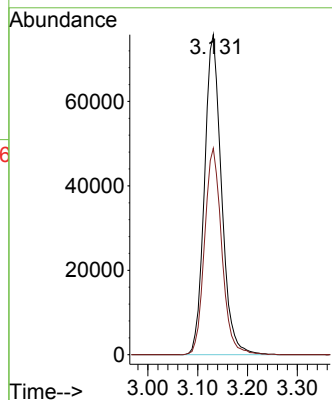


#7
Trichlorofluoromethane
Concen: 47.685 ug/l
RT: 3.131 min Scan# 214
Delta R.T. 0.006 min
Lab File: VY016120.D
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Instrument :
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ClientSampleId :

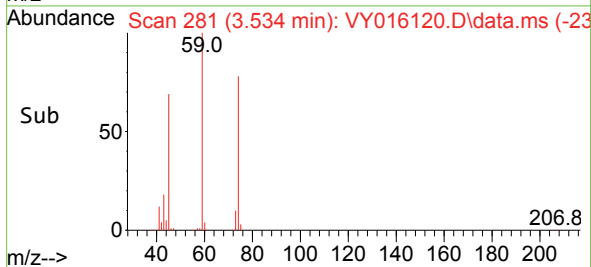
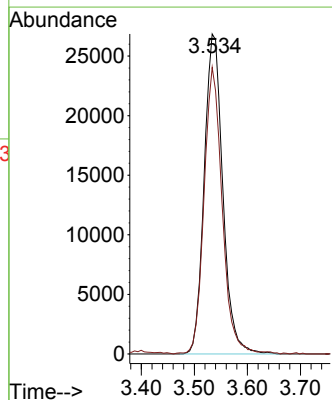
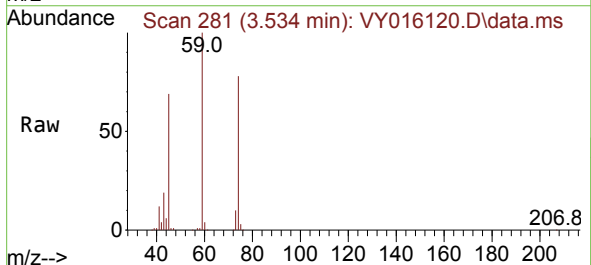


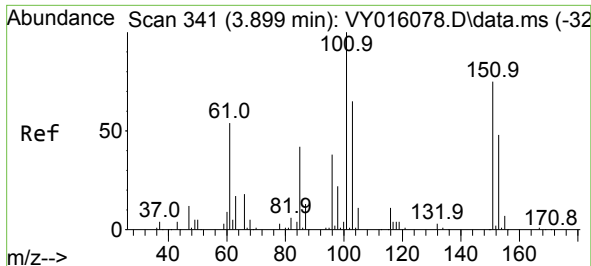
Tgt Ion:101 Resp: 179723
Ion Ratio Lower Upper
101 100
103 64.5 51.4 77.0



#8
Diethyl Ether
Concen: 51.882 ug/l
RT: 3.534 min Scan# 281
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 74 Resp: 65539
Ion Ratio Lower Upper
74 100
45 87.3 51.5 154.5

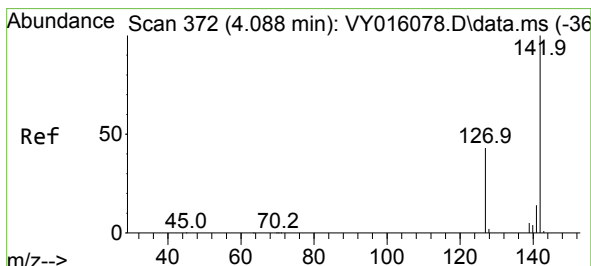
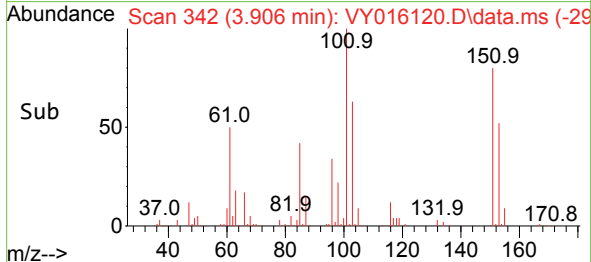
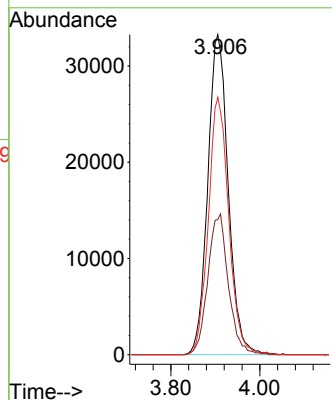
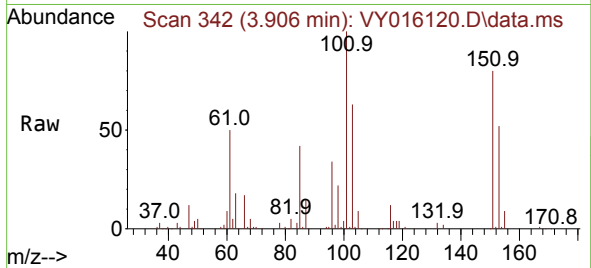




#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.834 ug/l
RT: 3.906 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

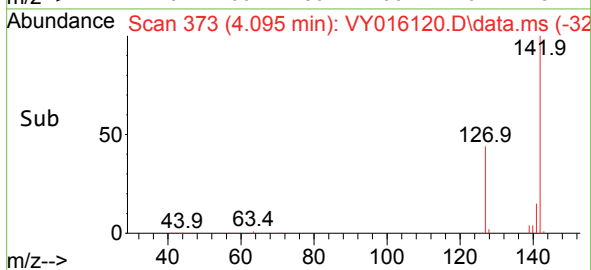
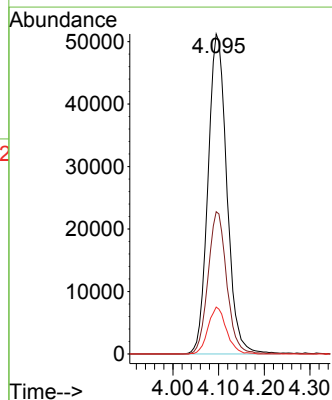
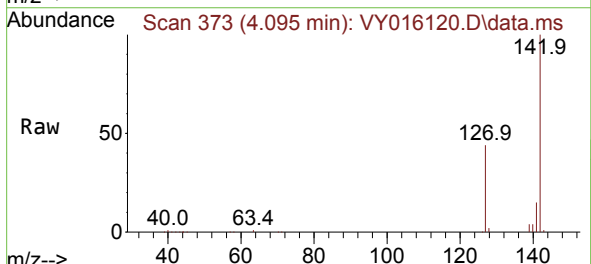
Instrument :
MSVOA_Y
ClientSampleId :

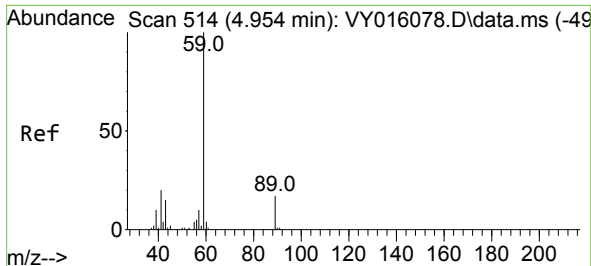
Tgt Ion:101 Resp: 106484
Ion Ratio Lower Upper
101 100
85 44.2 36.6 55.0
151 80.2 67.0 100.6



#10
Methyl Iodide
Concen: 50.510 ug/l
RT: 4.095 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion:142 Resp: 146738
Ion Ratio Lower Upper
142 100
127 44.0 37.6 56.4
141 14.3 11.8 17.8

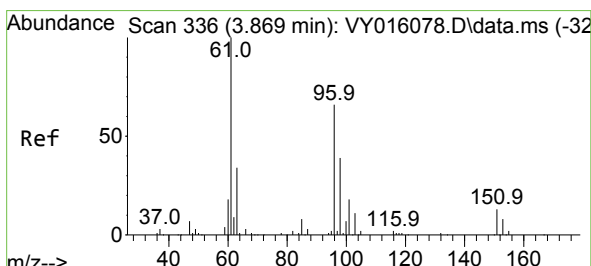
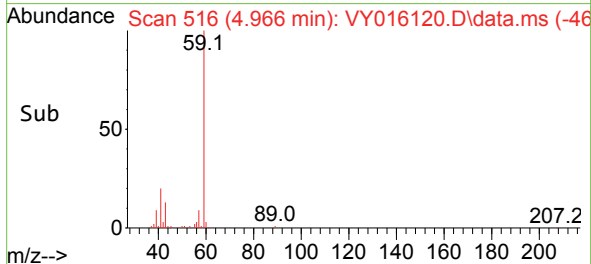
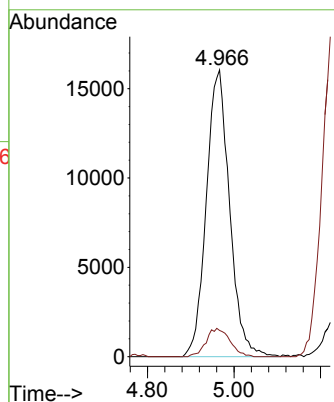
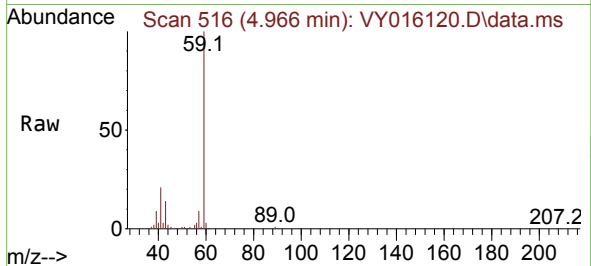




#11
Tert butyl alcohol
Concen: 226.342 ug/l
RT: 4.966 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

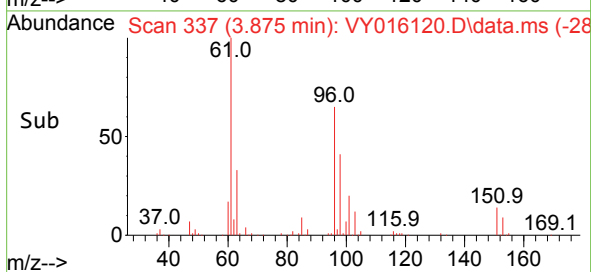
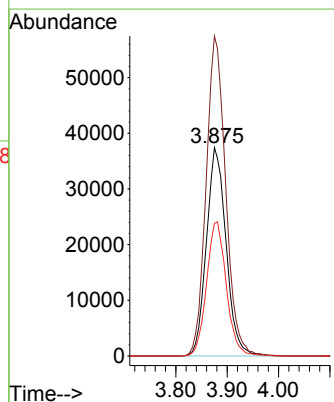
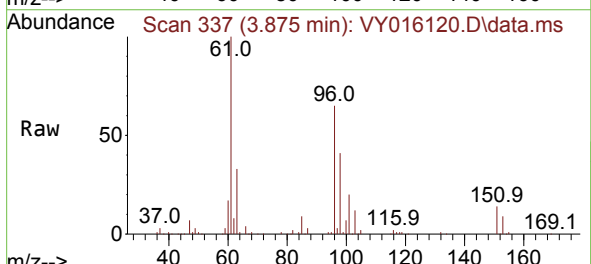
Instrument :
MSVOA_Y
ClientSampleId :

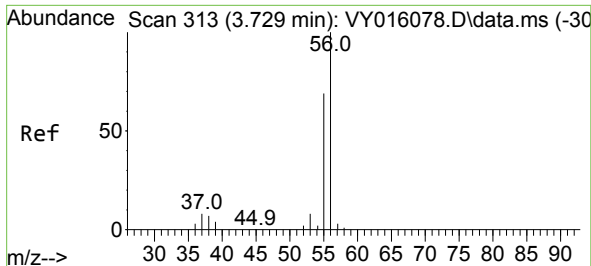
Tgt Ion: 59 Resp: 59957
Ion Ratio Lower Upper
59 100
57 10.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 47.877 ug/l
RT: 3.875 min Scan# 337
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 96 Resp: 99731
Ion Ratio Lower Upper
96 100
61 153.5 136.4 204.6
98 63.5 49.4 74.2





#13

Acrolein

Concen: 201.819 ug/l

RT: 3.735 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

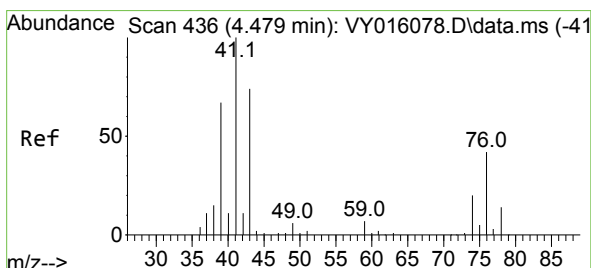
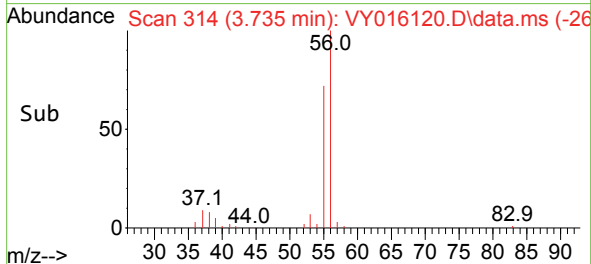
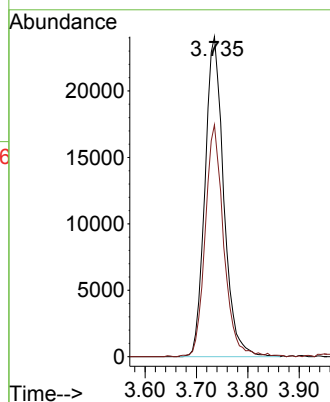
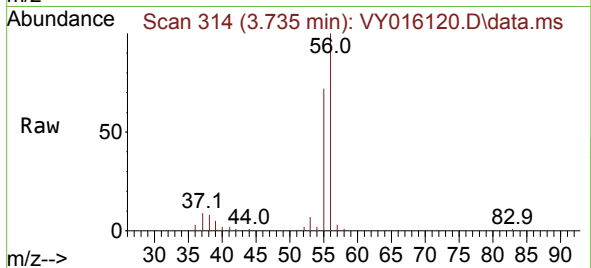
ClientSampleId :

Tgt Ion: 56 Resp: 60931

Ion Ratio Lower Upper

56 100

55 71.6 57.0 85.4



#14

Allyl chloride

Concen: 46.435 ug/l

RT: 4.485 min Scan# 437

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

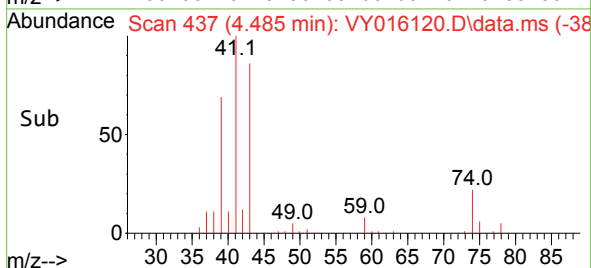
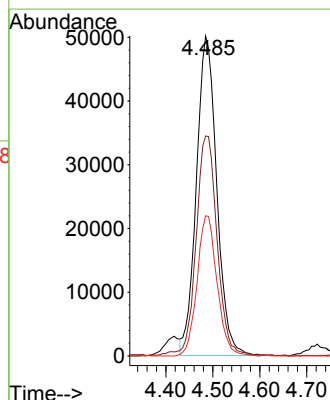
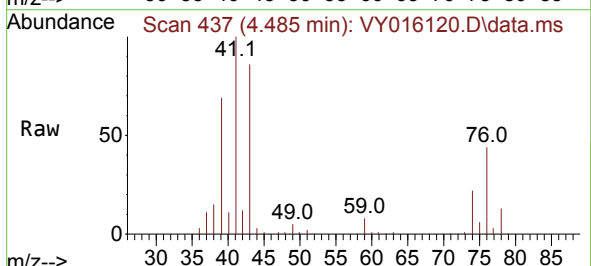
Tgt Ion: 41 Resp: 151206

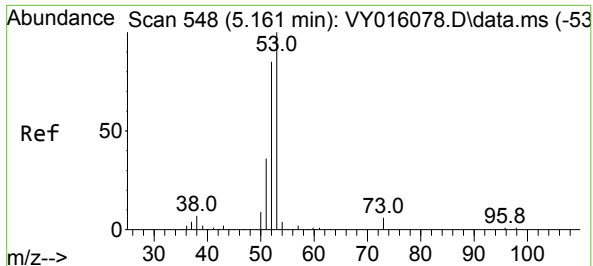
Ion Ratio Lower Upper

41 100

39 70.8 58.0 87.0

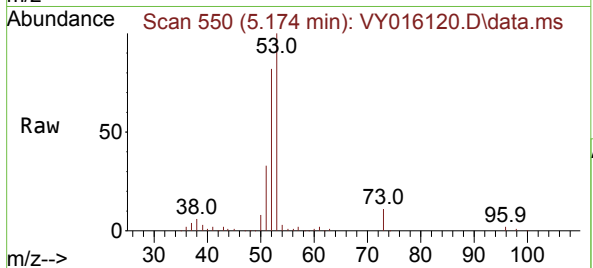
76 43.0 27.4 41.2#





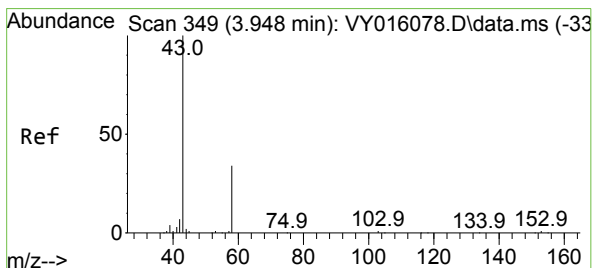
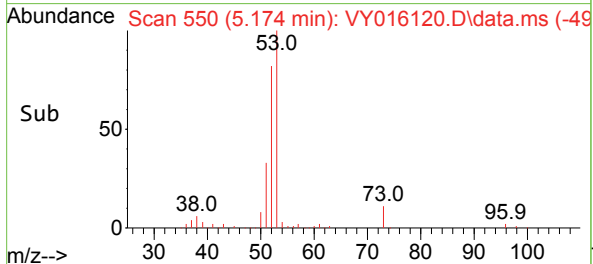
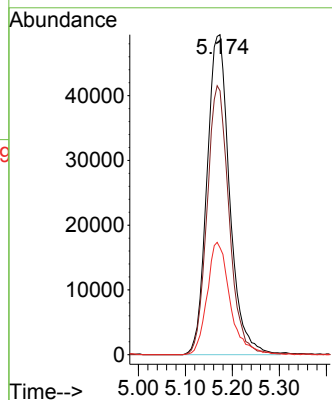
#15
Acrylonitrile
Concen: 266.865 ug/l
RT: 5.174 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion: 53 Resp: 165377

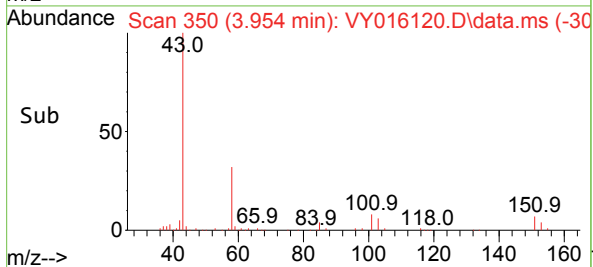
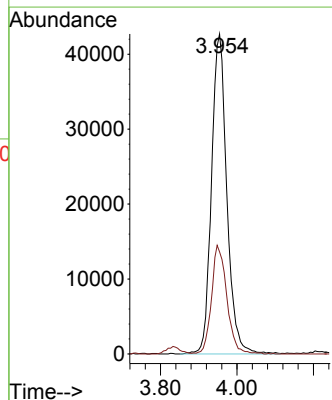
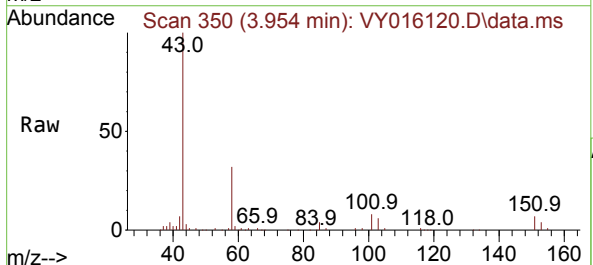
Ion	Ratio	Lower	Upper
53	100		
52	81.6	66.9	100.3
51	35.7	29.8	44.6

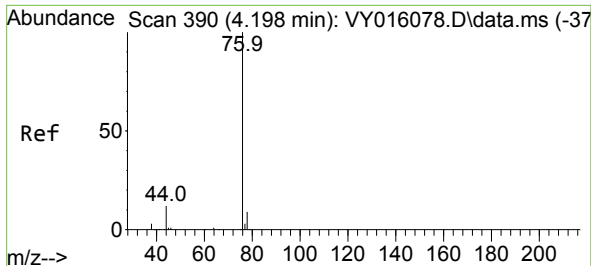


#16
Acetone
Concen: 180.840 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 43 Resp: 118815

Ion	Ratio	Lower	Upper
43	100		
58	31.9	22.7	34.1

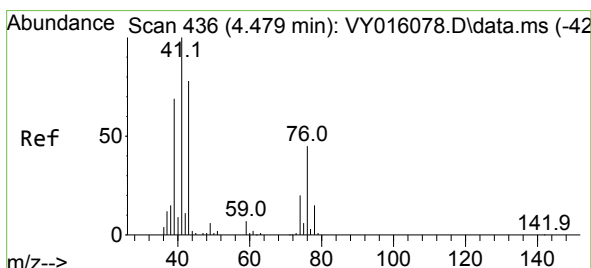
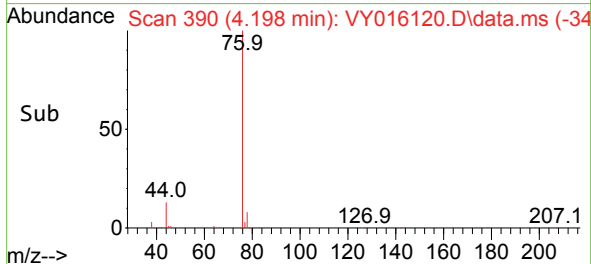
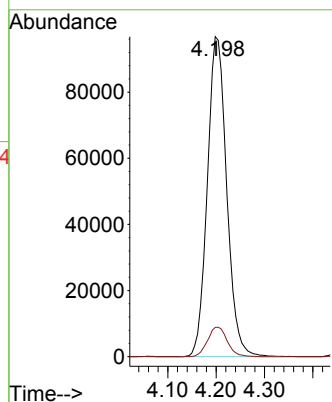
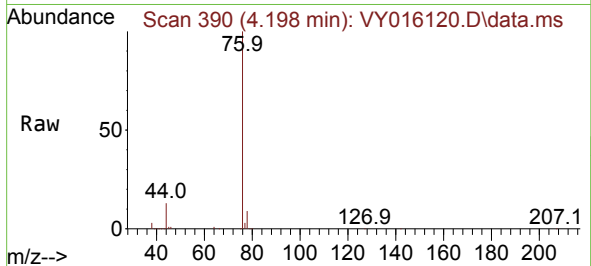




#17
Carbon Disulfide
Concen: 46.702 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

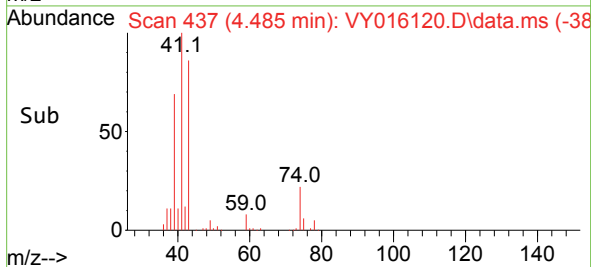
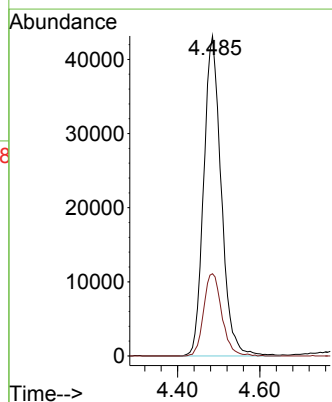
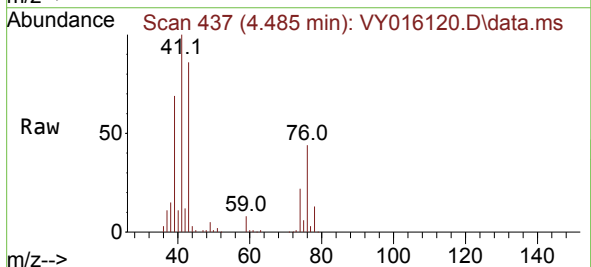
Instrument :
MSVOA_Y
ClientSampleId :

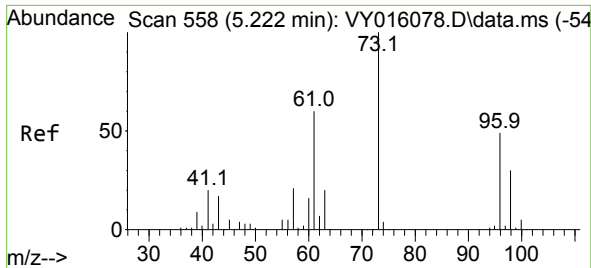
Tgt Ion: 76 Resp: 269102
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.4



#18
Methyl Acetate
Concen: 54.983 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 43 Resp: 127724
Ion Ratio Lower Upper
43 100
74 26.7 17.4 26.0#

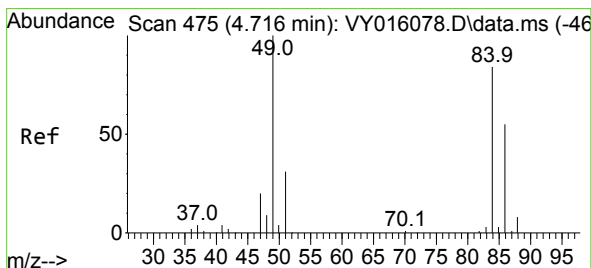
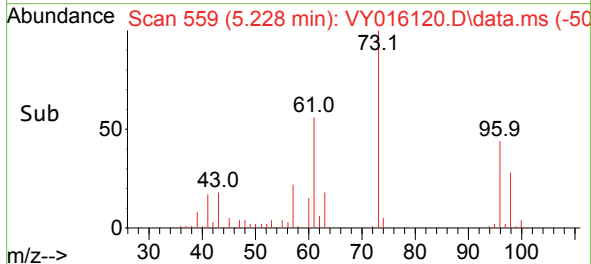
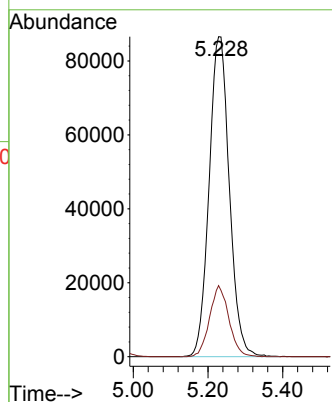
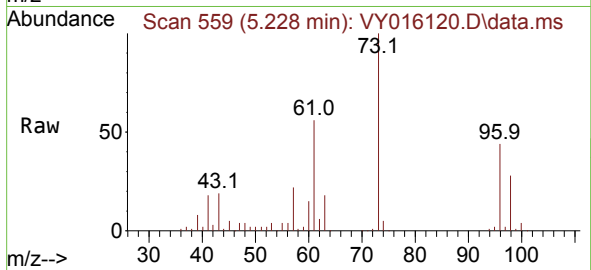




#19
Methyl tert-butyl Ether
Concen: 54.689 ug/l
RT: 5.228 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

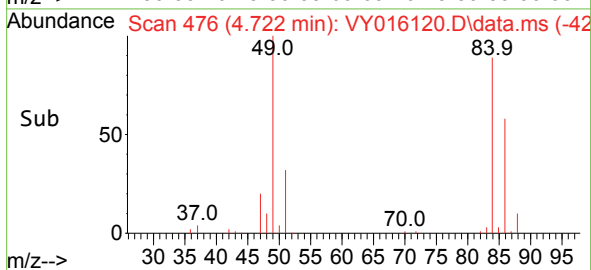
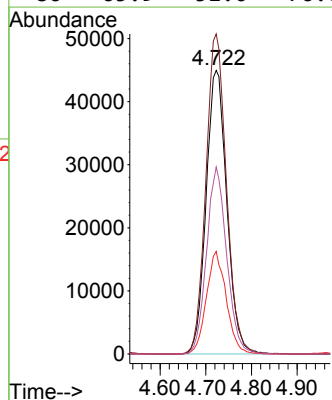
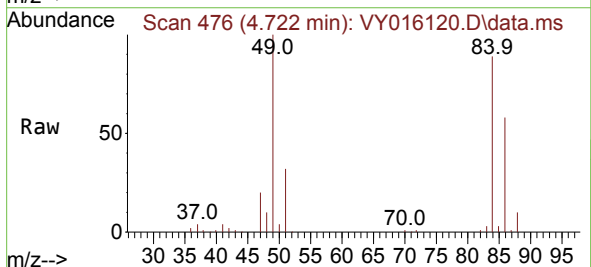
Instrument :
MSVOA_Y
ClientSampleId :

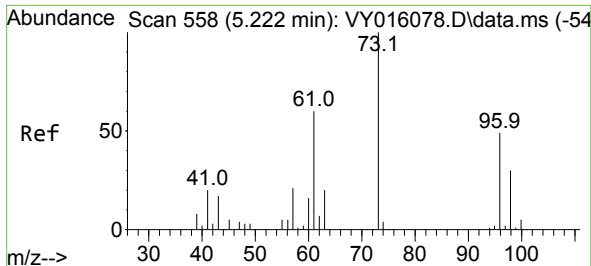
Tgt Ion: 73 Resp: 324877
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 55.999 ug/l
RT: 4.722 min Scan# 476
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 84 Resp: 141451
Ion Ratio Lower Upper
84 100
49 112.8 106.9 160.3
51 36.2 33.2 49.8
86 65.9 51.0 76.6

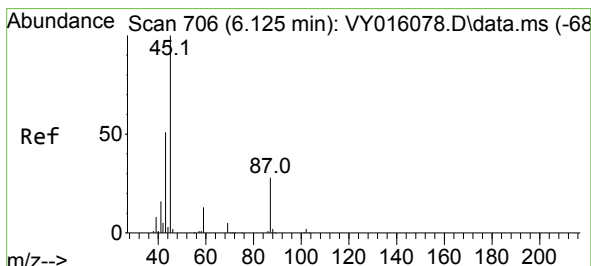
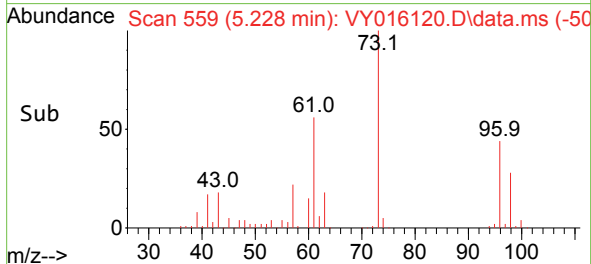
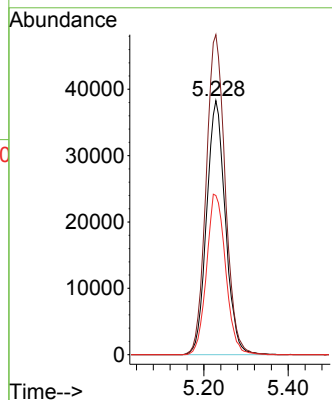
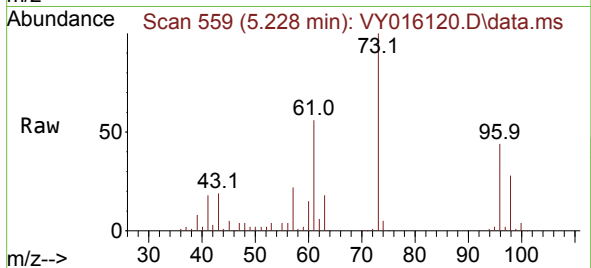




#21
trans-1,2-Dichloroethene
Concen: 49.124 ug/l
RT: 5.228 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

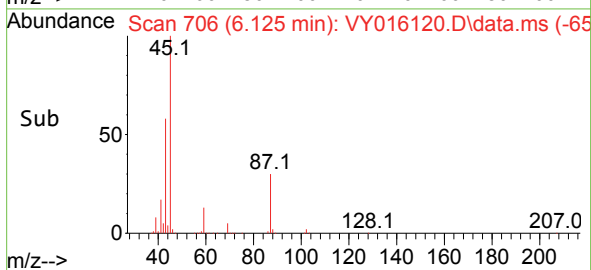
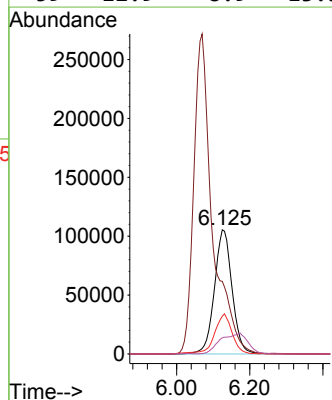
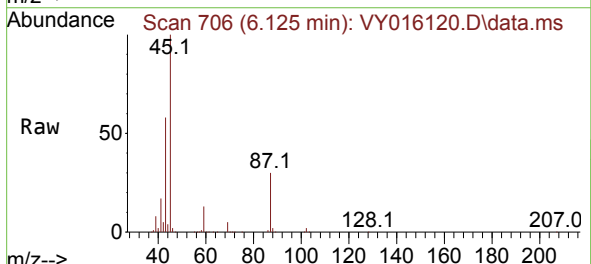
Instrument :
MSVOA_Y
ClientSampleId :

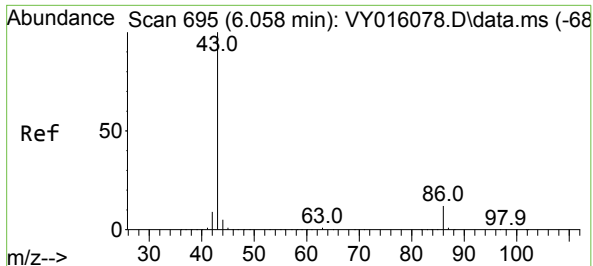
Tgt Ion: 96 Resp: 118617
Ion Ratio Lower Upper
96 100
61 125.9 110.2 165.4
98 62.7 51.8 77.6



#22
Diisopropyl ether
Concen: 49.666 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 45 Resp: 353640
Ion Ratio Lower Upper
45 100
43 58.1 52.2 78.4
87 30.4 21.0 31.6
59 12.9 8.9 13.3

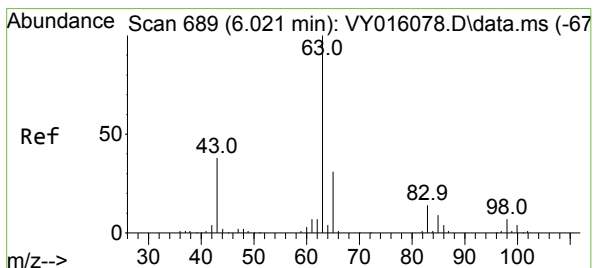
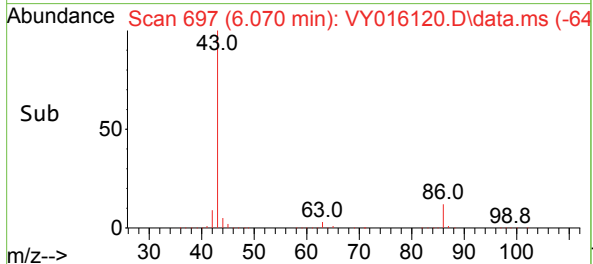
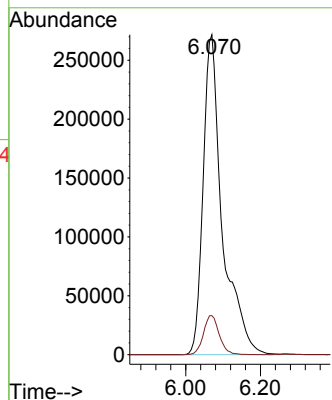
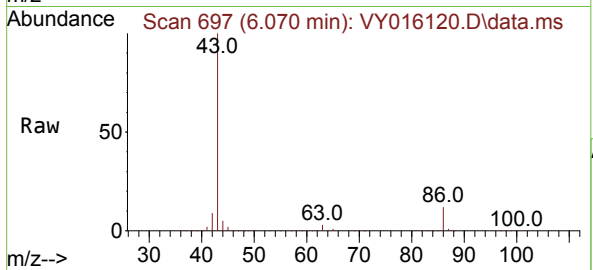




#23
 Vinyl Acetate
 Concen: 253.705 ug/l
 RT: 6.070 min Scan# 695
 Delta R.T. 0.012 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37

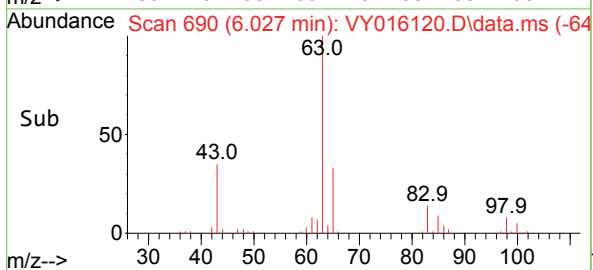
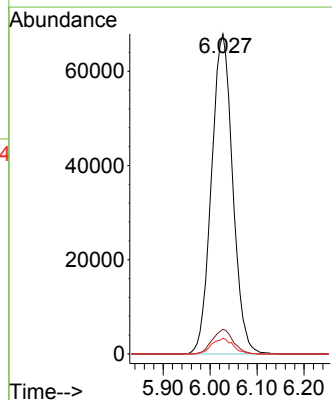
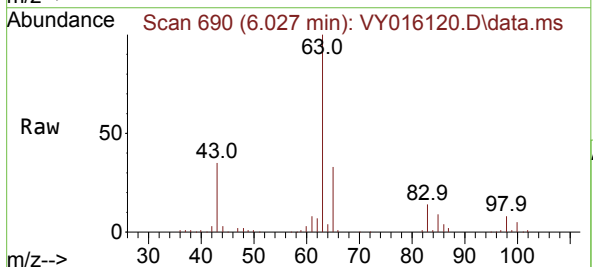
Instrument :
 MSVOA_Y
 ClientSampleId :

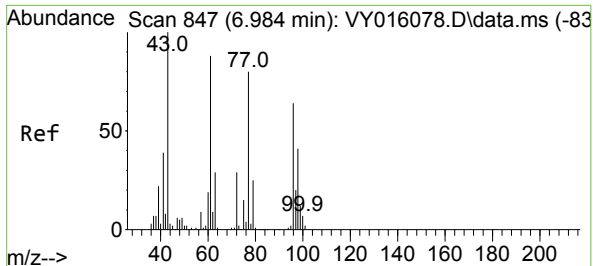
Tgt Ion: 43 Resp: 967880
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 49.602 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.006 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37

Tgt Ion: 63 Resp: 212781
 Ion Ratio Lower Upper
 63 100
 98 7.7 3.1 9.4
 100 4.9 1.8 5.5





#25

2-Butanone

Concen: 238.344 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

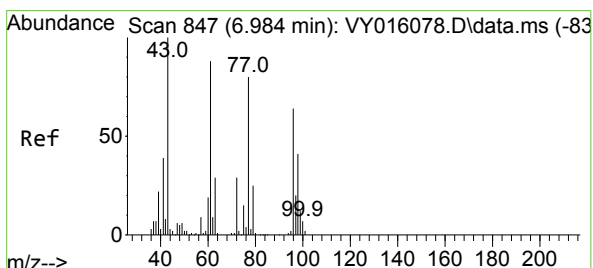
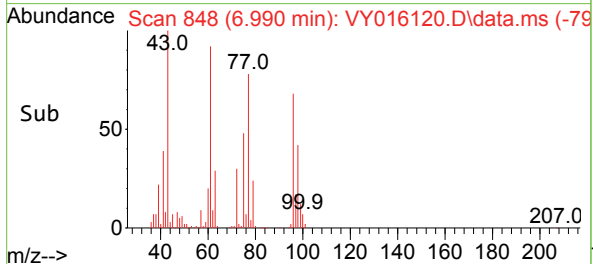
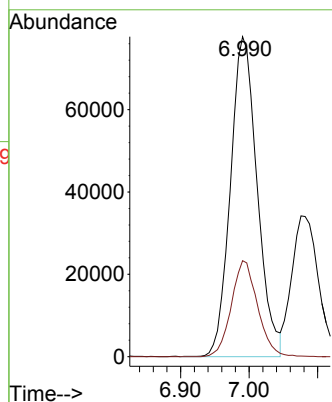
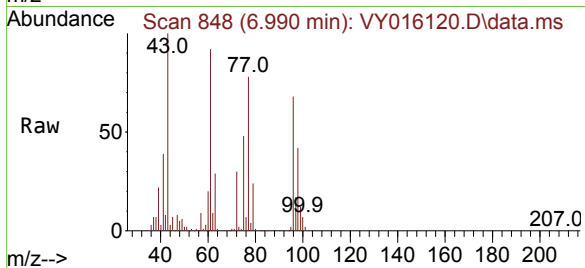
ClientSampleId :

Tgt Ion: 43 Resp: 211351

Ion Ratio Lower Upper

43 100

72 30.0 20.5 30.7



#26

2,2-Dichloropropane

Concen: 45.782 ug/l

RT: 6.990 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY016120.D

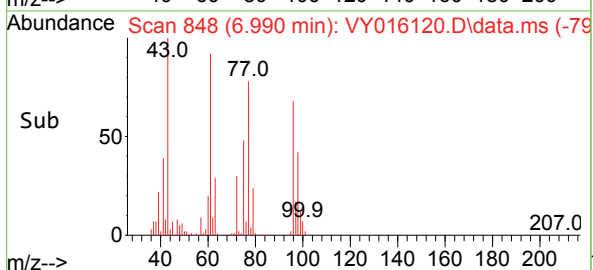
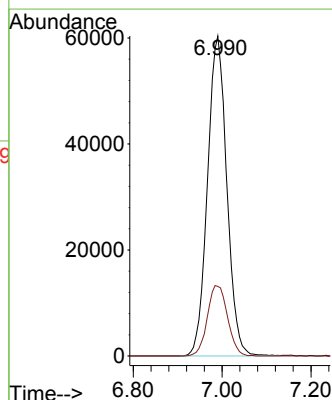
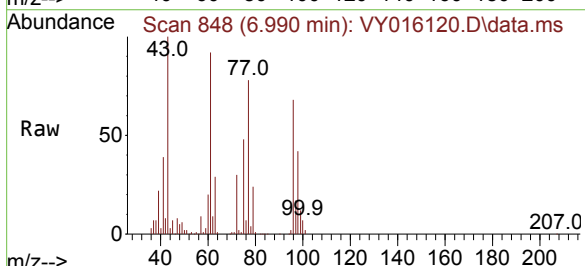
Acq: 27 Oct 2023 21:37

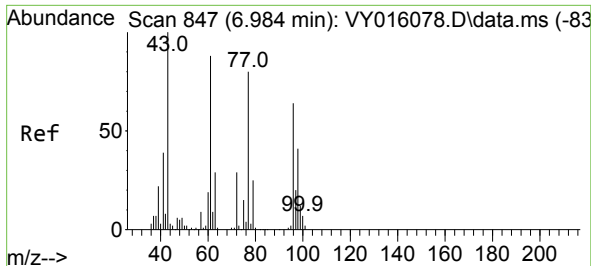
Tgt Ion: 77 Resp: 182570

Ion Ratio Lower Upper

77 100

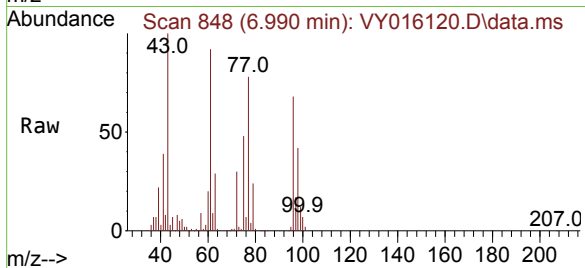
97 23.0 10.9 32.9





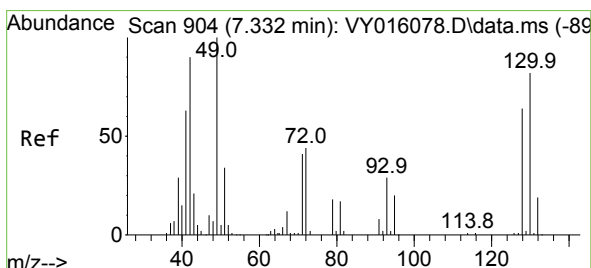
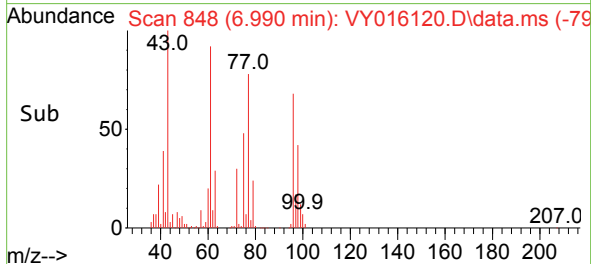
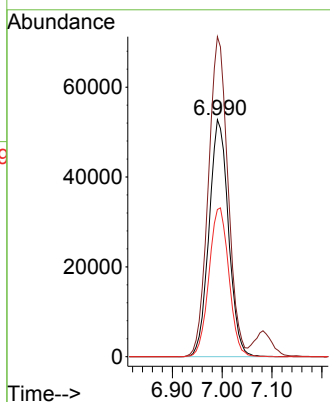
#27
 cis-1,2-Dichloroethene
 Concen: 50.335 ug/l
 RT: 6.990 min Scan# 847
 Delta R.T. 0.006 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 96 Resp: 142738

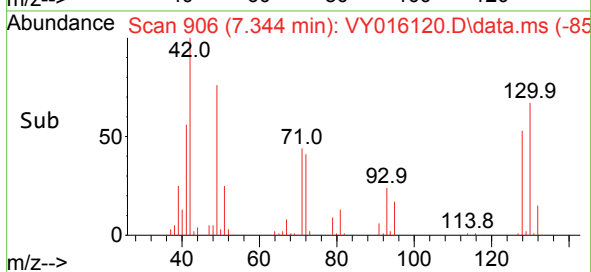
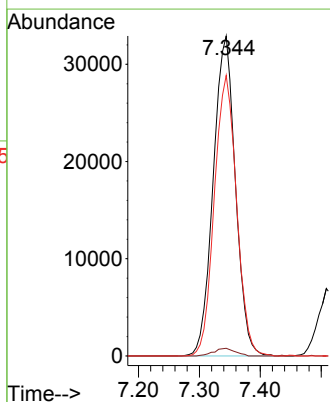
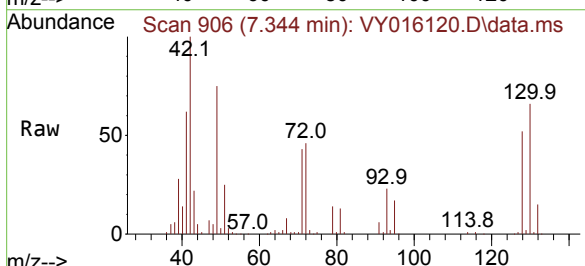
Ion	Ratio	Lower	Upper
96	100		
61	136.4	0.0	301.4
98	64.3	0.0	130.4

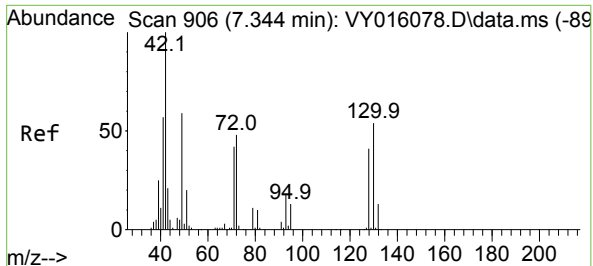


#28
 Bromochloromethane
 Concen: 47.497 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. 0.012 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37

Tgt Ion: 49 Resp: 83356

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.6
130	87.6	60.7	91.1





#29

Tetrahydrofuran

Concen: 271.160 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

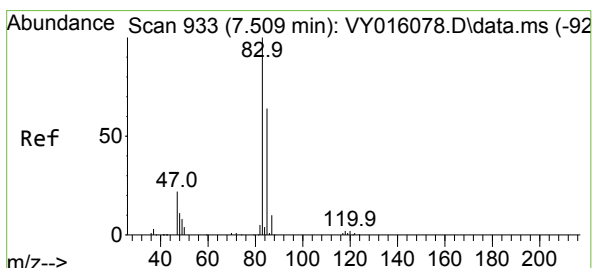
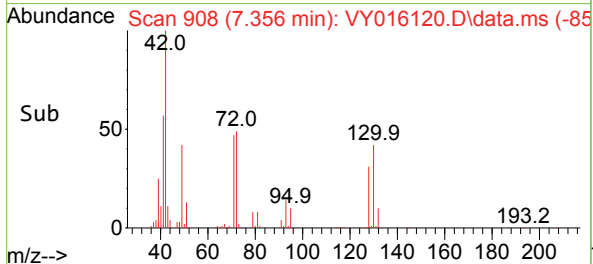
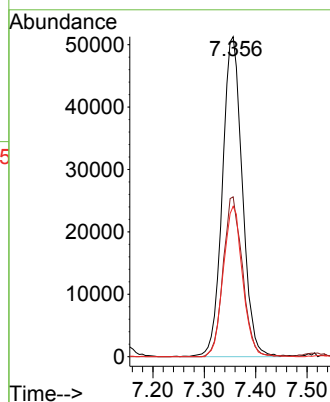
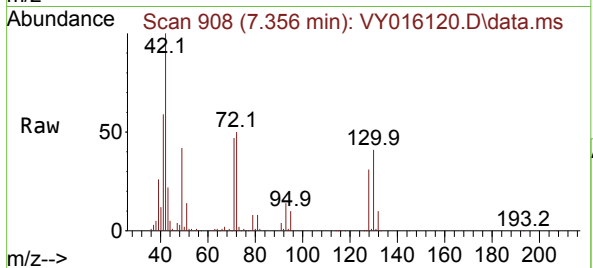
Tgt Ion: 42 Resp: 137961

Ion Ratio Lower Upper

42 100

72 48.6 32.8 49.2

71 45.9 31.0 46.4



#30

Chloroform

Concen: 50.616 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY016120.D

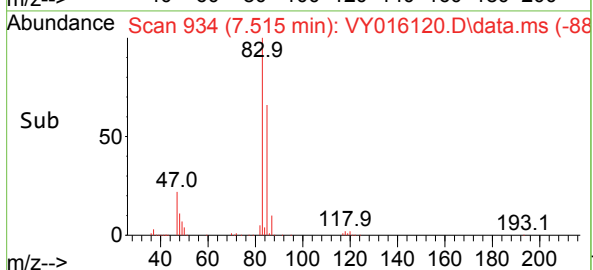
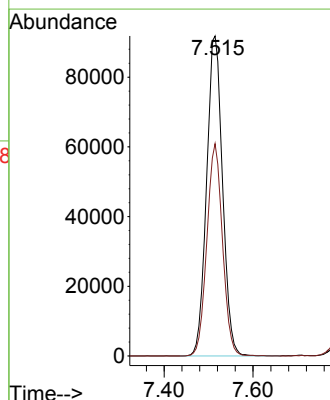
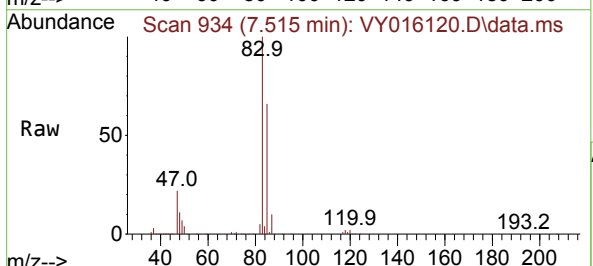
Acq: 27 Oct 2023 21:37

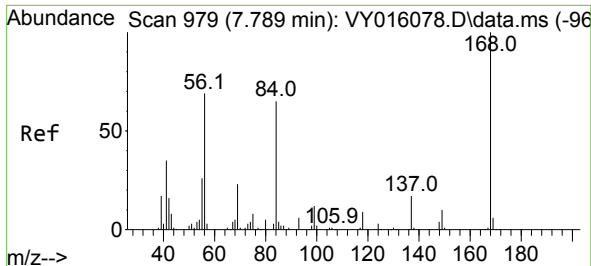
Tgt Ion: 83 Resp: 229371

Ion Ratio Lower Upper

83 100

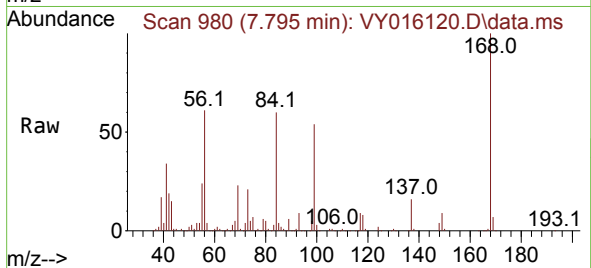
85 66.3 49.7 74.5



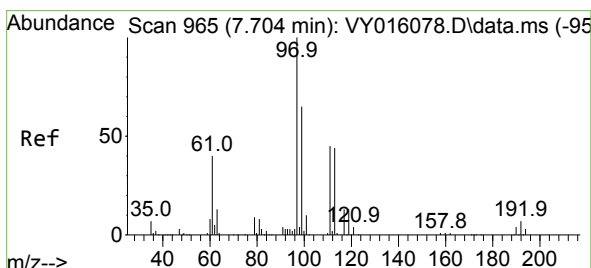
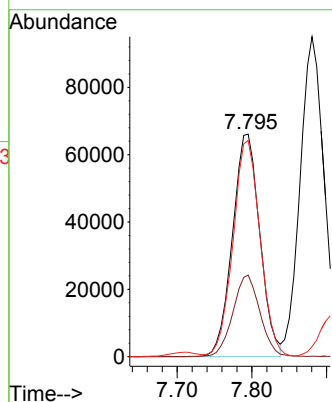
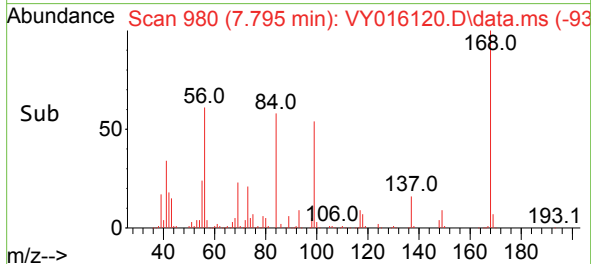


#31
Cyclohexane
Concen: 44.204 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Instrument :
MSVOA_Y
ClientSampleId :

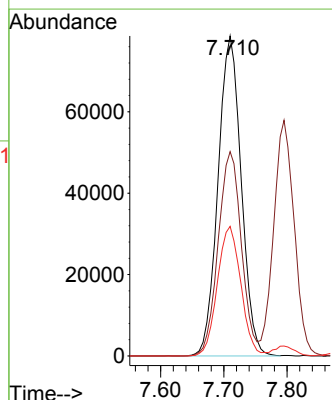
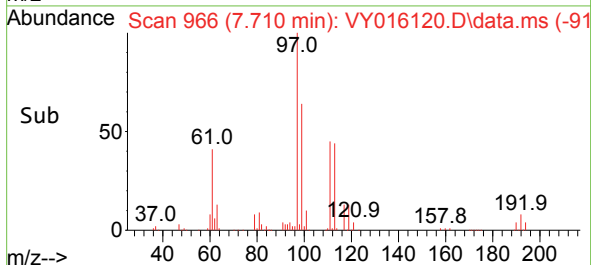
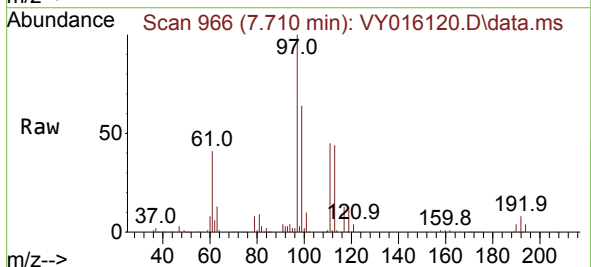


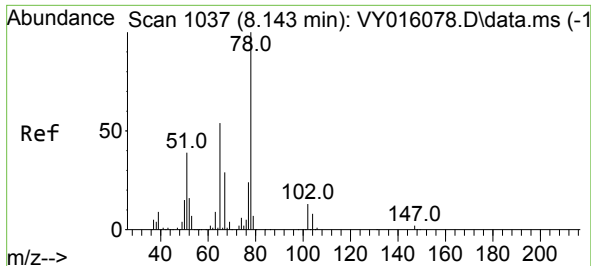
Tgt Ion: 56 Resp: 168571
Ion Ratio Lower Upper
56 100
69 36.6 27.8 41.6
84 95.2 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 49.203 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 97 Resp: 199996
Ion Ratio Lower Upper
97 100
99 63.9 50.8 76.2
61 41.1 35.1 52.7

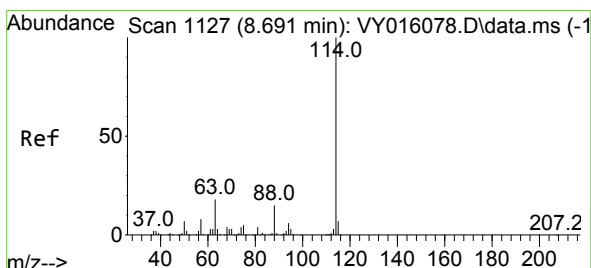
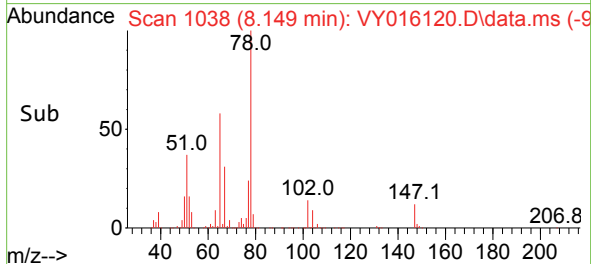
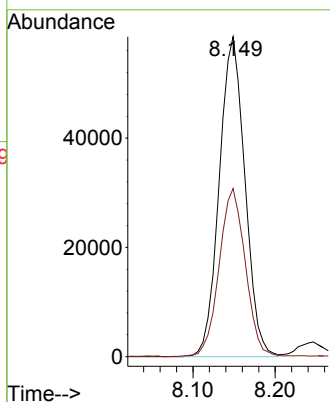
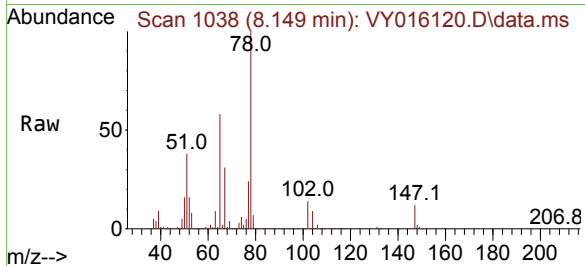




#33
 1,2-Dichloroethane-d4
 Concen: 52.462 ug/l
 RT: 8.149 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37

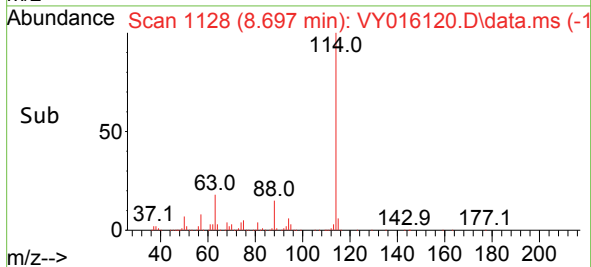
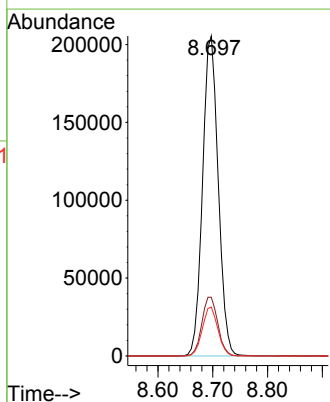
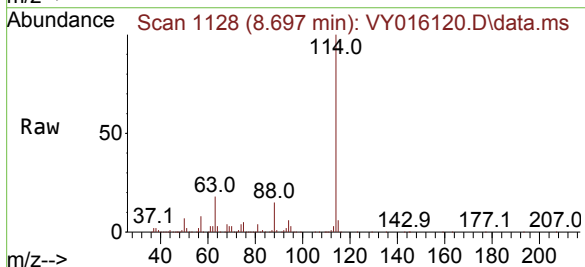
Instrument :
 MSVOA_Y
 ClientSampleId :

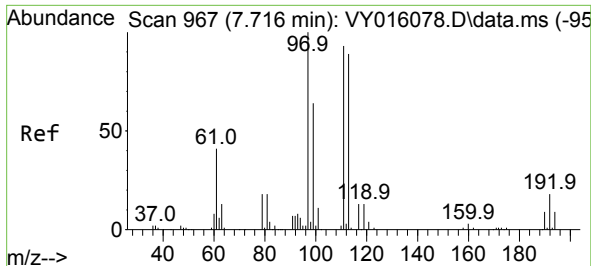
Tgt Ion: 65 Resp: 127168
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.697 min Scan# 1128
 Delta R.T. 0.006 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37

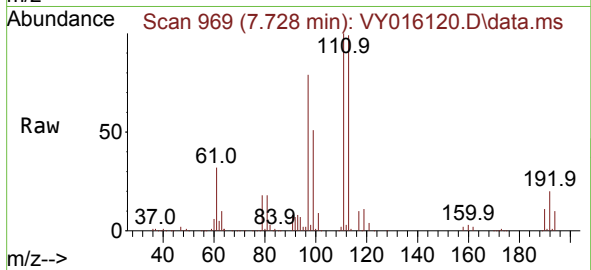
Tgt Ion: 114 Resp: 405421
 Ion Ratio Lower Upper
 114 100
 63 18.3 0.0 42.4
 88 15.3 0.0 30.6



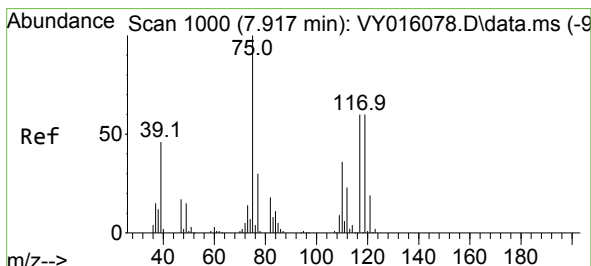
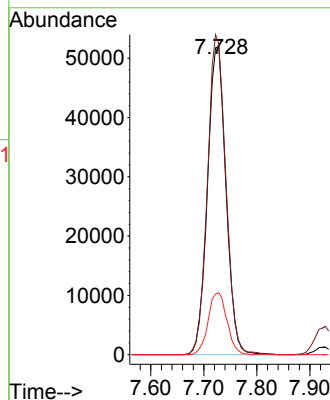
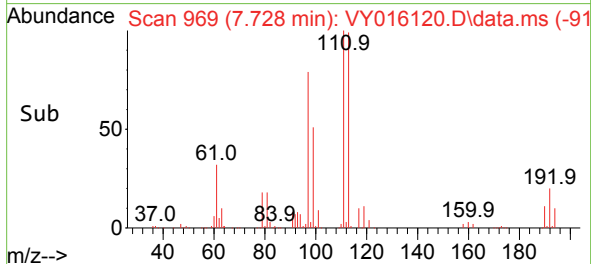


#35
Dibromofluoromethane
Concen: 49.190 ug/l
RT: 7.728 min Scan# 90
Delta R.T. 0.012 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

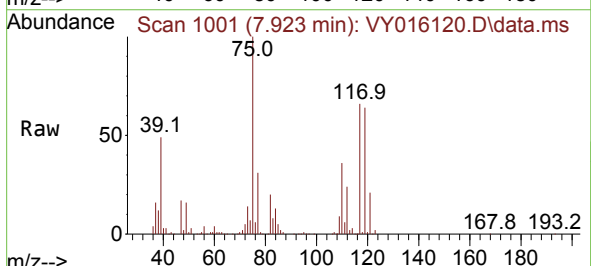
Instrument :
MSVOA_Y
ClientSampleId :



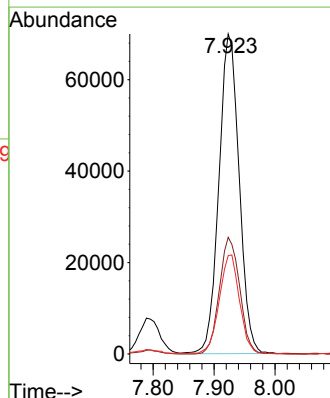
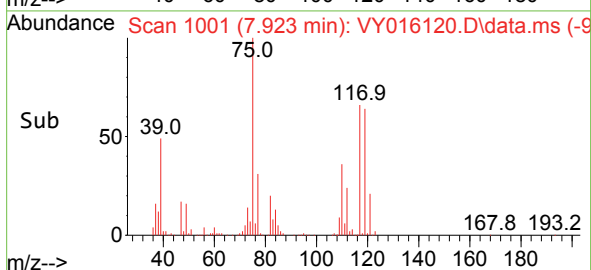
Tgt Ion:113 Resp: 125897
Ion Ratio Lower Upper
113 100
111 103.4 81.3 121.9
192 20.4 16.9 25.3

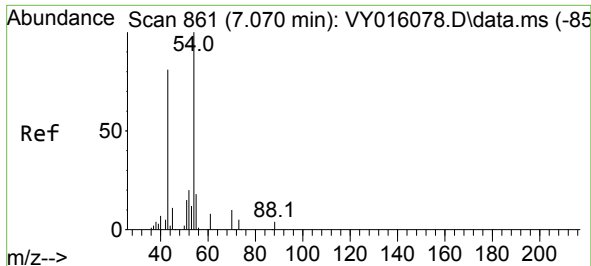


#36
1,1-Dichloropropene
Concen: 45.270 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37



Tgt Ion: 75 Resp: 161508
Ion Ratio Lower Upper
75 100
110 36.6 17.8 53.5
77 31.2 24.4 36.6





#37

Ethyl Acetate

Concen: 51.824 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

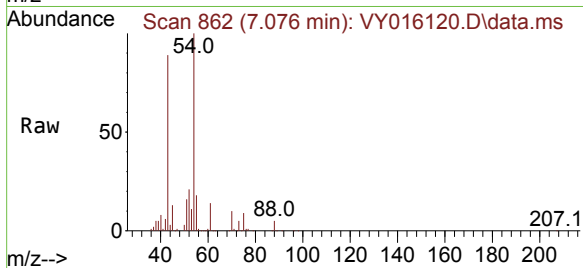
Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :



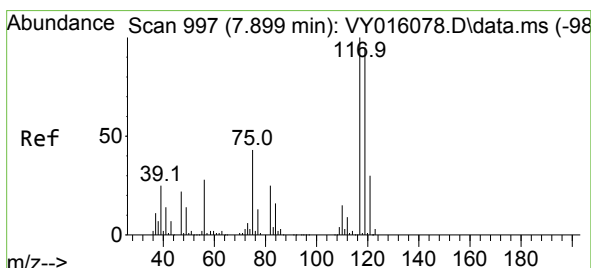
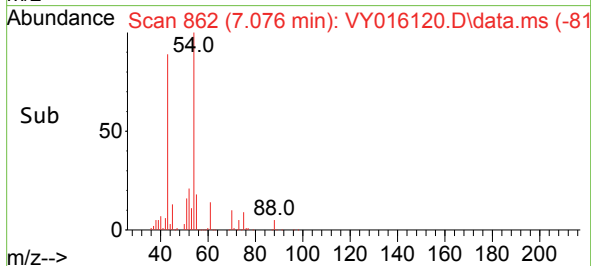
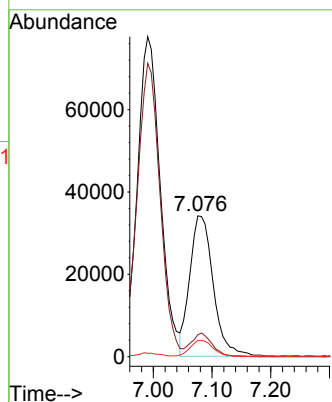
Tgt Ion: 43 Resp: 94767

Ion Ratio Lower Upper

43 100

61 15.1 10.1 15.1#

70 11.4 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 47.256 ug/l

RT: 7.905 min Scan# 998

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

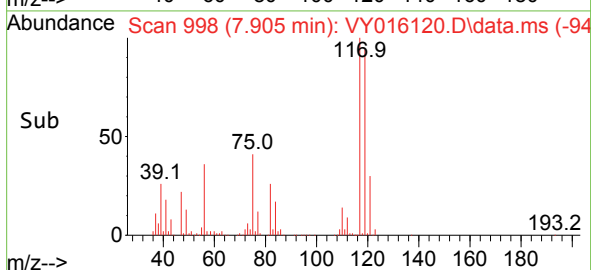
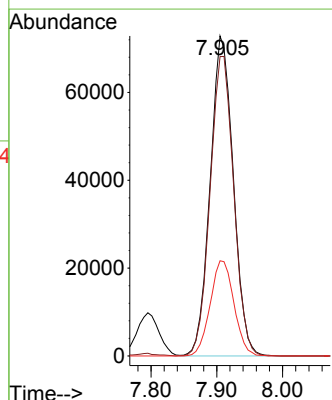
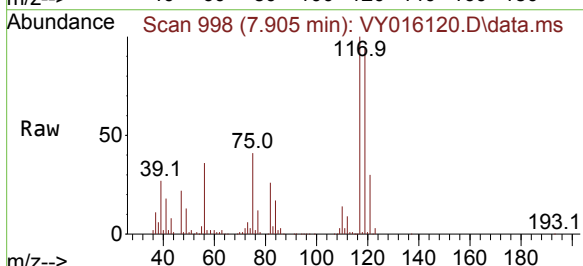
Tgt Ion: 117 Resp: 178283

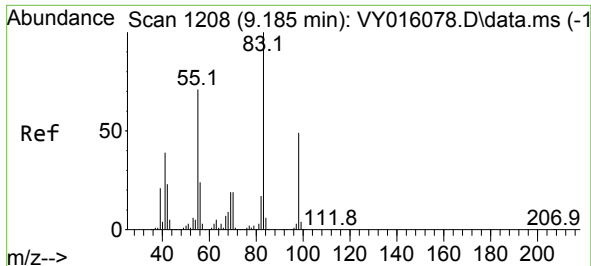
Ion Ratio Lower Upper

117 100

119 93.5 76.4 114.6

121 29.8 25.8 38.6





#39

Methylcyclohexane

Concen: 46.670 ug/l

RT: 9.191 min Scan# 11

Delta R.T. 0.006 min

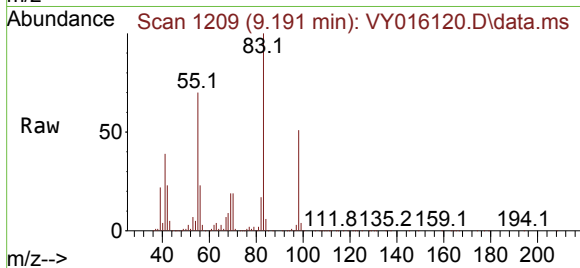
Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :



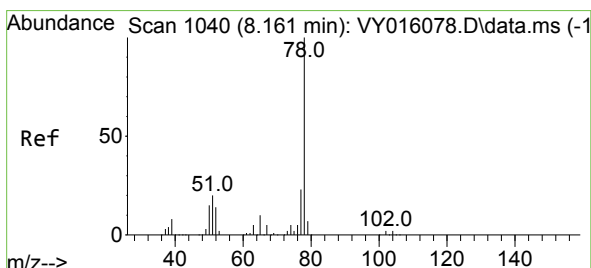
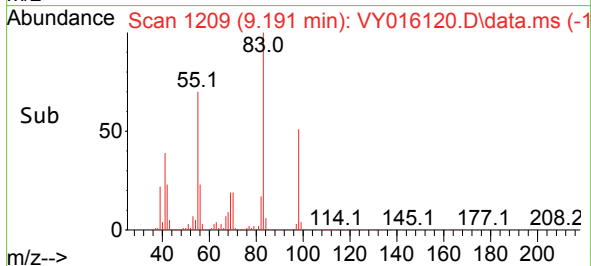
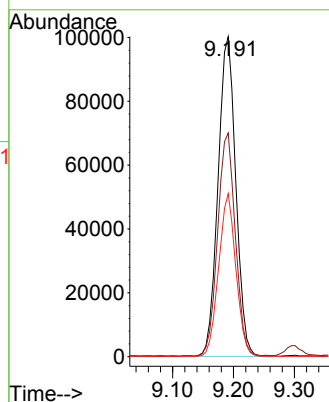
Tgt Ion: 83 Resp: 202840

Ion Ratio Lower Upper

83 100

55 69.7 63.0 94.4

98 51.0 37.4 56.2



#40

Benzene

Concen: 49.423 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY016120.D

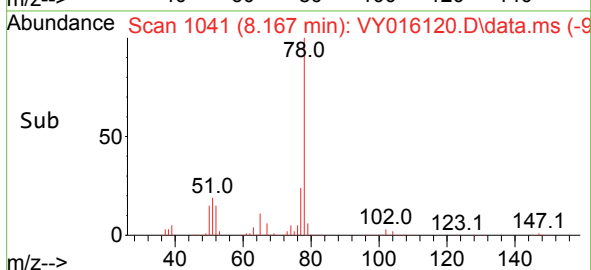
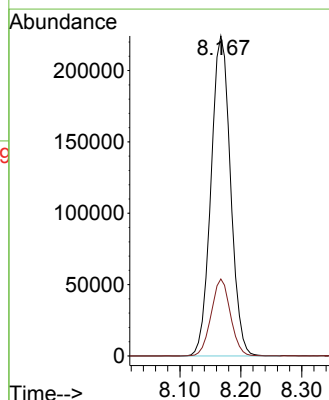
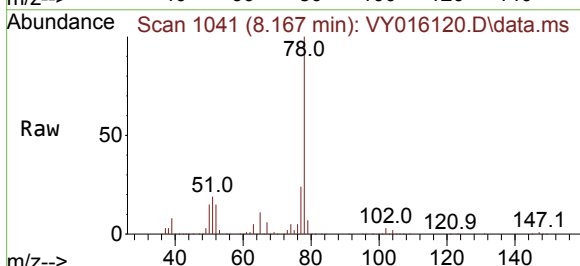
Acq: 27 Oct 2023 21:37

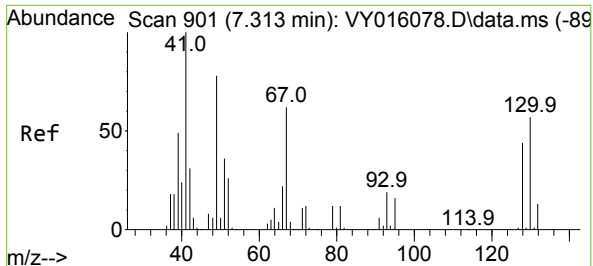
Tgt Ion: 78 Resp: 499207

Ion Ratio Lower Upper

78 100

77 24.0 19.0 28.6

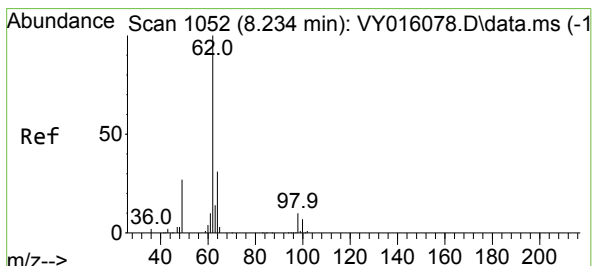
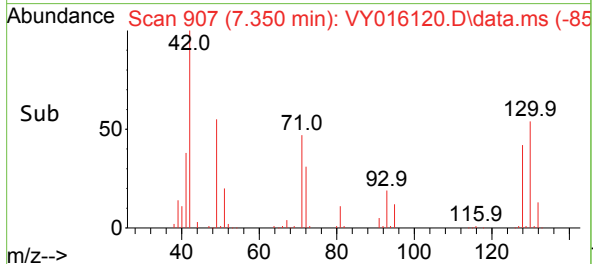
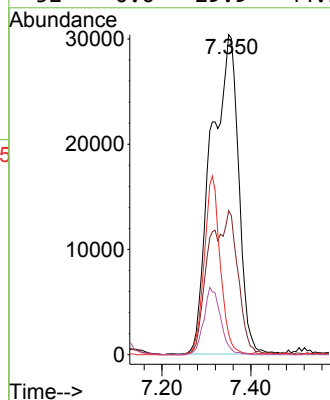
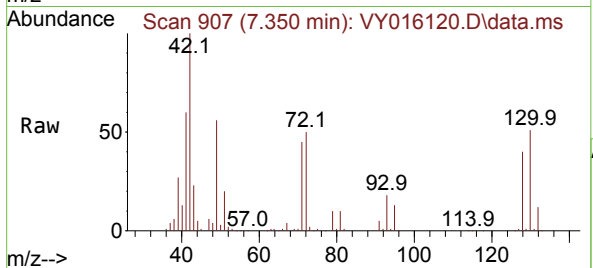




#41
Methacrylonitrile
Concen: 135.114 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.037 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

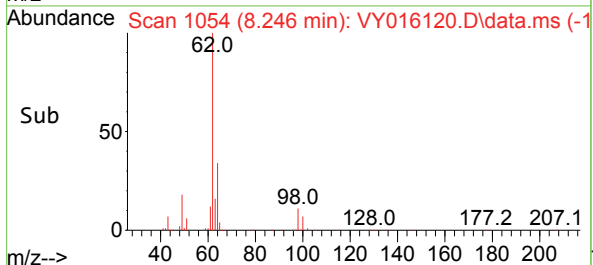
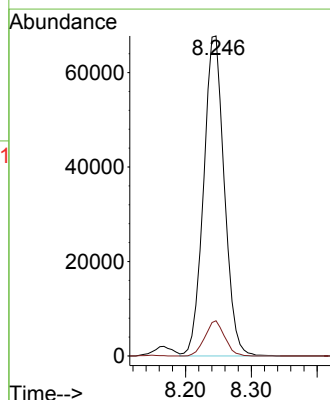
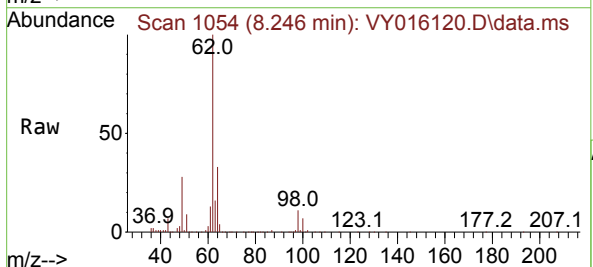
Instrument :
MSVOA_Y
ClientSampleId :

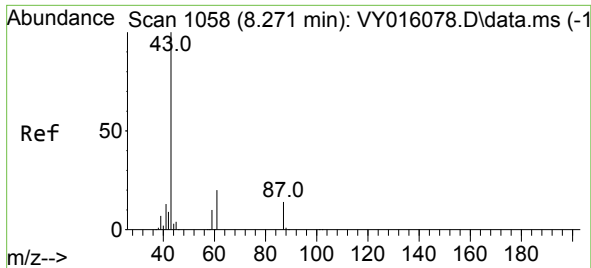
Tgt Ion: 41 Resp: 129306
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 50.815 ug/l
RT: 8.246 min Scan# 1054
Delta R.T. 0.012 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 62 Resp: 148309
Ion Ratio Lower Upper
62 100
98 10.5 0.0 15.8

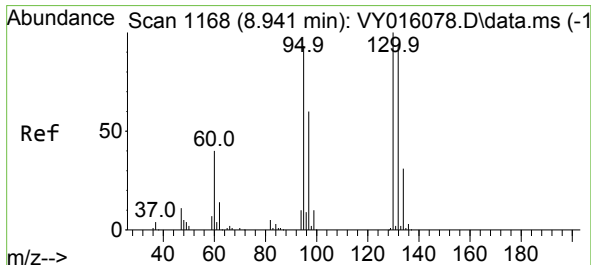
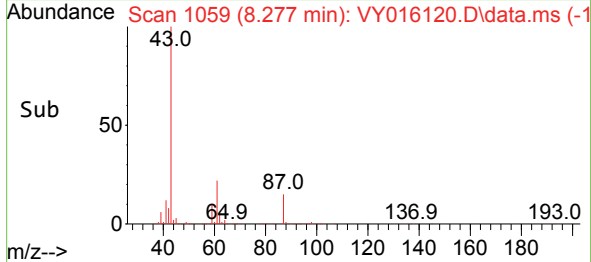
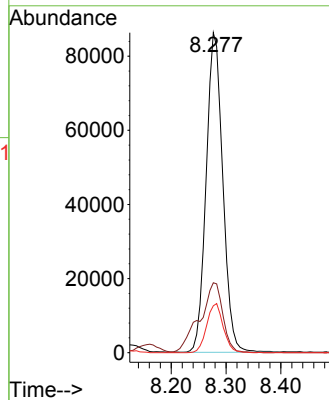
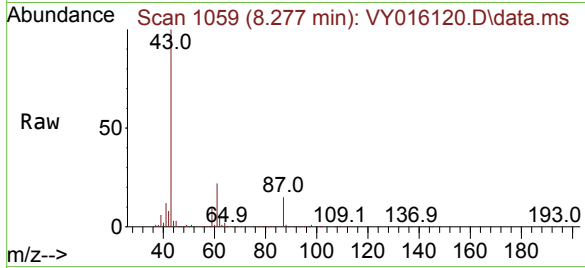




#43
Isopropyl Acetate
Concen: 53.172 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

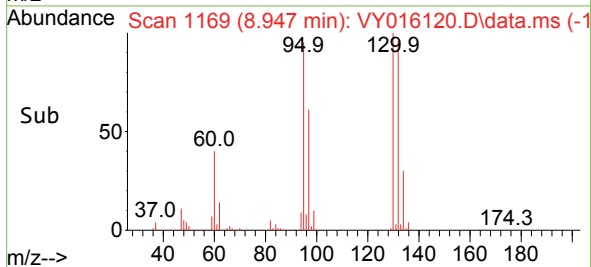
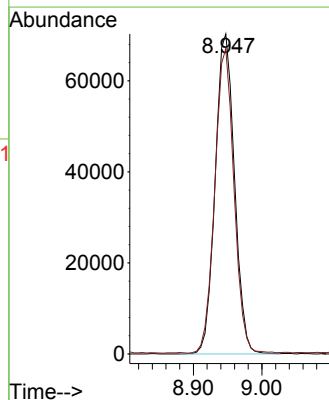
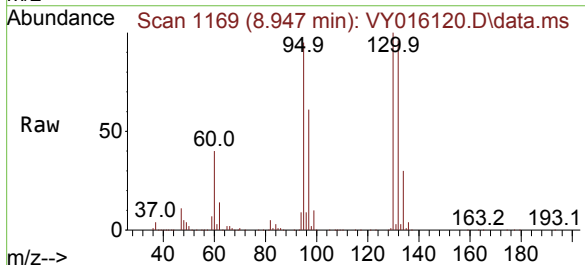
Instrument :
MSVOA_Y
ClientSampleId :

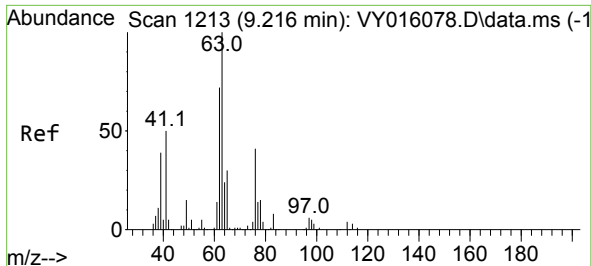
Tgt Ion: 43 Resp: 181799
Ion Ratio Lower Upper
43 100
61 30.5 21.1 31.7
87 15.2 9.8 14.8#



#44
Trichloroethene
Concen: 48.645 ug/l
RT: 8.947 min Scan# 1169
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion:130 Resp: 137201
Ion Ratio Lower Upper
130 100
95 95.0 0.0 196.0





#45

1,2-Dichloropropane

Concen: 48.346 ug/l

RT: 9.222 min Scan# 1214

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

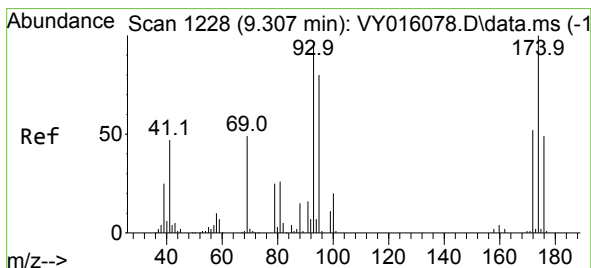
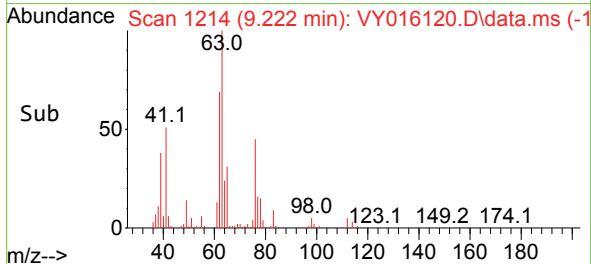
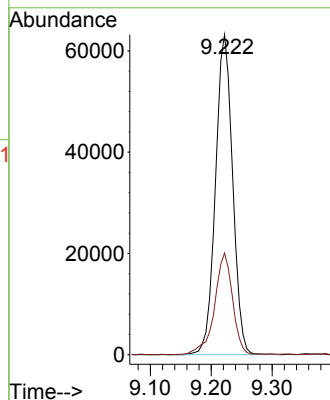
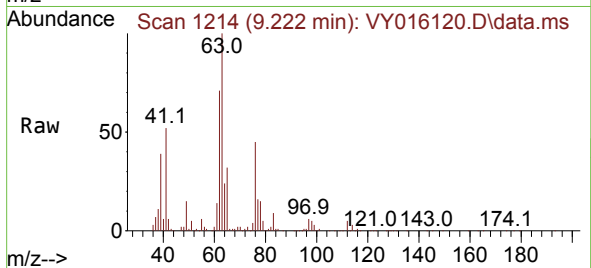
ClientSampleId :

Tgt Ion: 63 Resp: 123594

Ion Ratio Lower Upper

63 100

65 31.6 23.8 35.6



#46

Dibromomethane

Concen: 50.525 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

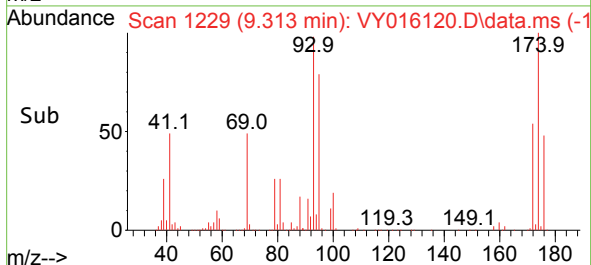
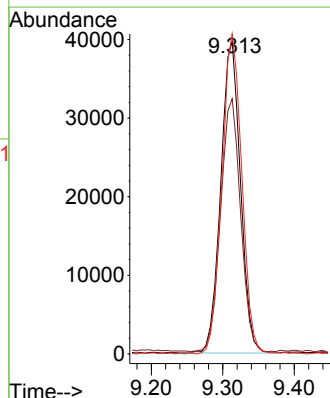
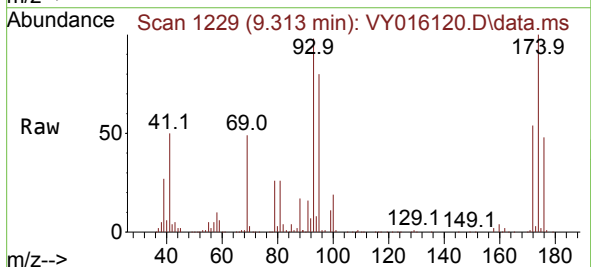
Tgt Ion: 93 Resp: 75735

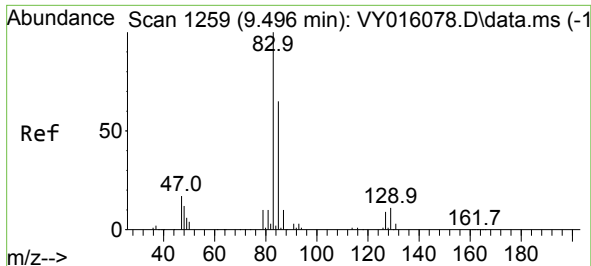
Ion Ratio Lower Upper

93 100

95 82.6 66.6 100.0

174 104.0 84.8 127.2

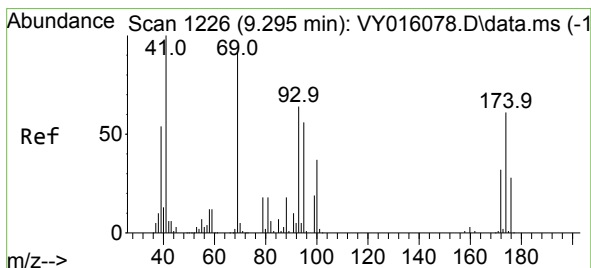
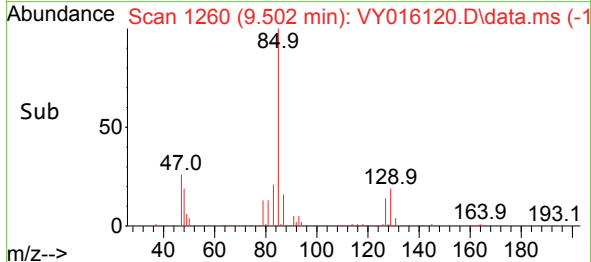
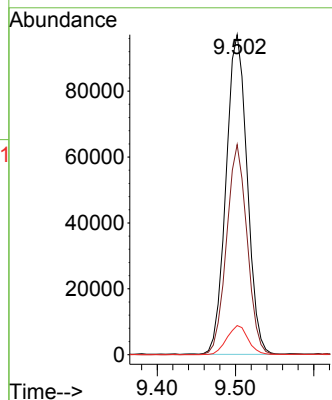
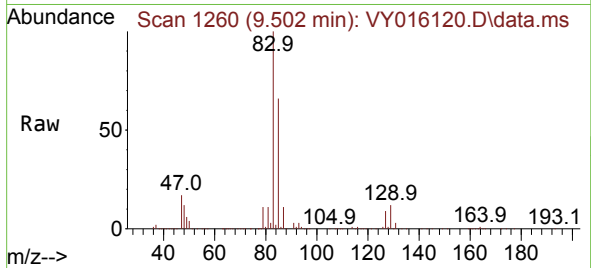




#47
Bromodichloromethane
Concen: 50.205 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

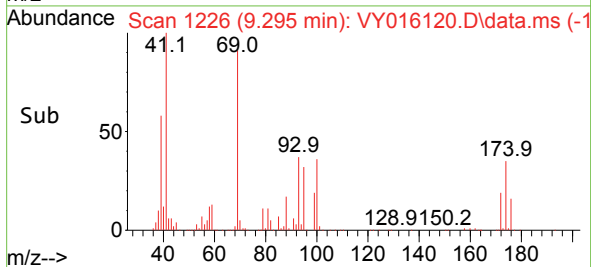
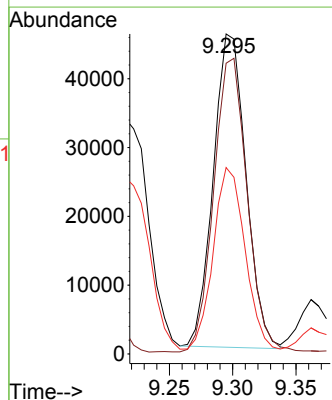
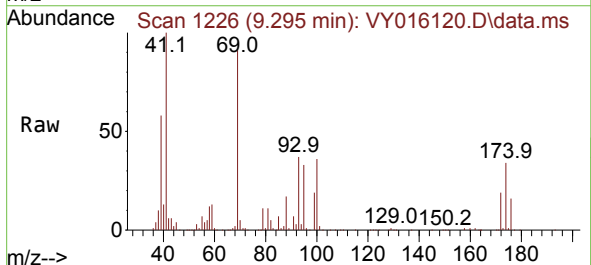
Instrument :
MSVOA_Y
ClientSampleId :

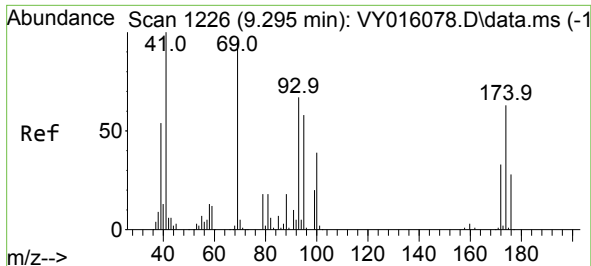
Tgt Ion: 83 Resp: 182000
Ion Ratio Lower Upper
83 100
85 65.7 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 51.893 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 41 Resp: 81740
Ion Ratio Lower Upper
41 100
69 96.7 64.5 96.7#
39 56.6 50.8 76.2





#49

1,4-Dioxane

Concen: 1125.207 ug/l

RT: 9.301 min Scan# 1

Delta R.T. 0.006 min

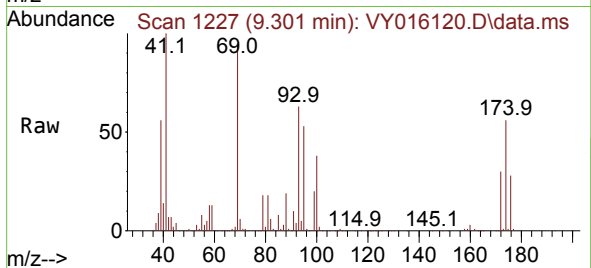
Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :



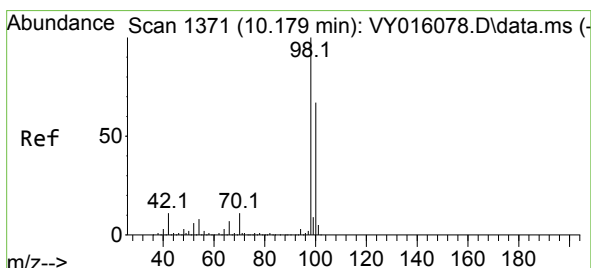
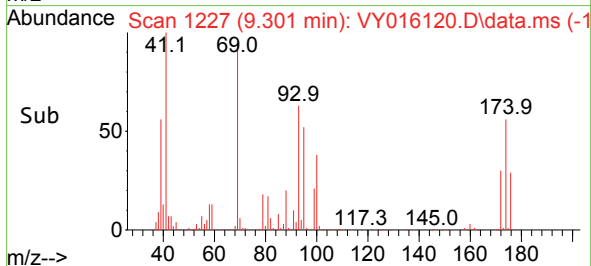
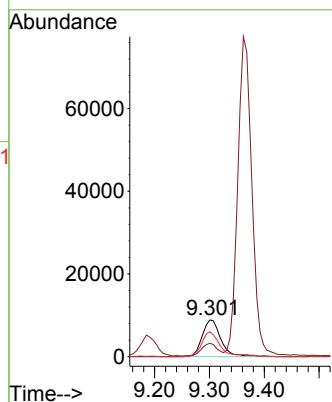
Tgt Ion: 88 Resp: 21102

Ion Ratio Lower Upper

88 100

43 28.3 0.0 0.0#

58 67.8 30.9 46.3#



#50

Toluene-d8

Concen: 48.645 ug/l

RT: 10.185 min Scan# 1372

Delta R.T. 0.006 min

Lab File: VY016120.D

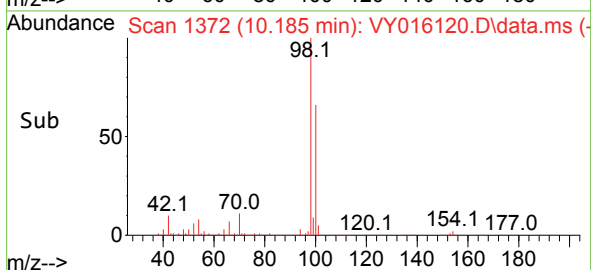
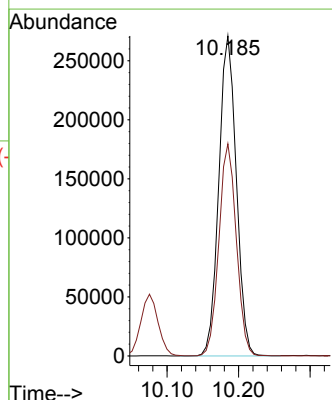
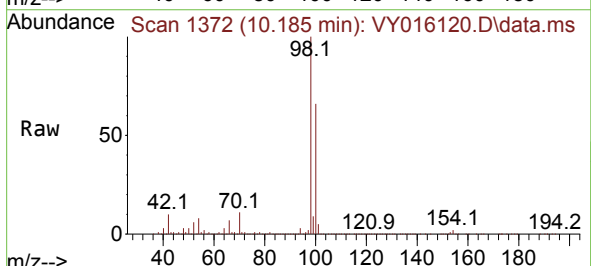
Acq: 27 Oct 2023 21:37

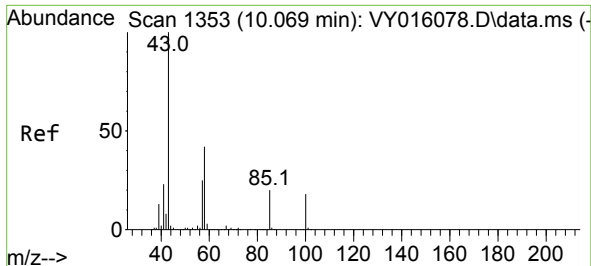
Tgt Ion: 98 Resp: 461177

Ion Ratio Lower Upper

98 100

100 65.9 50.1 75.1

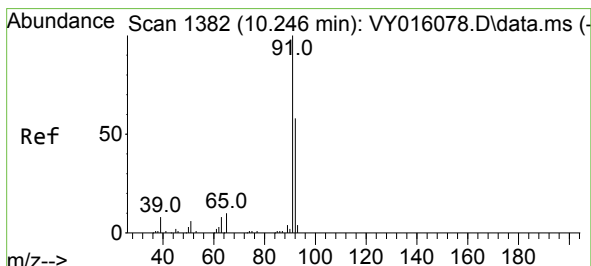
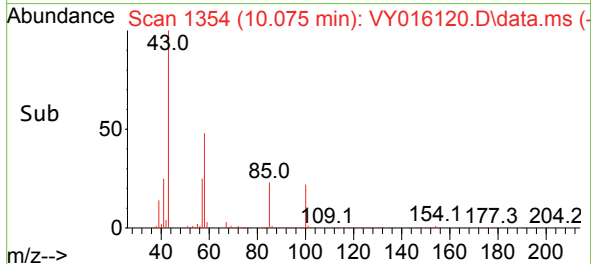
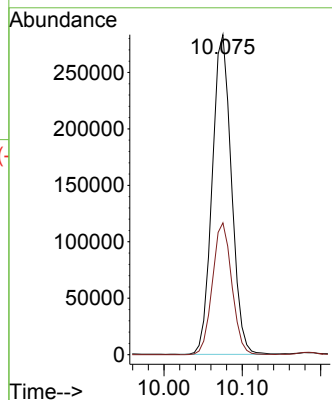
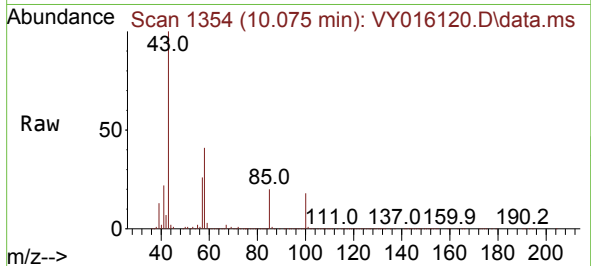




#51
4-Methyl-2-Pentanone
Concen: 267.713 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

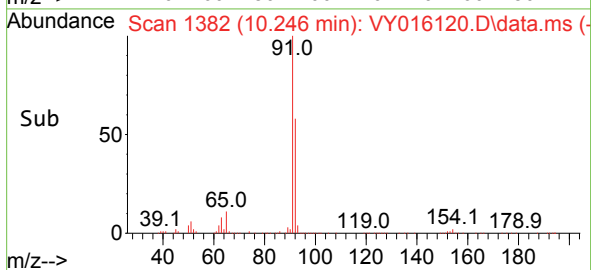
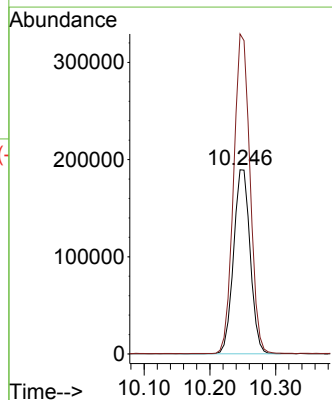
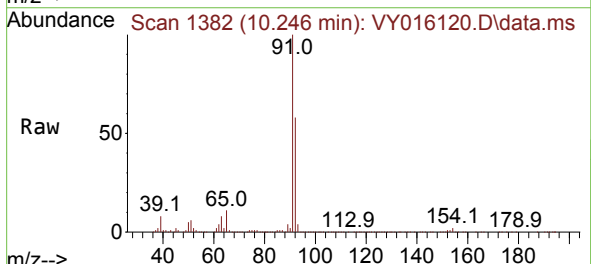
Instrument :
MSVOA_Y
ClientSampleId :

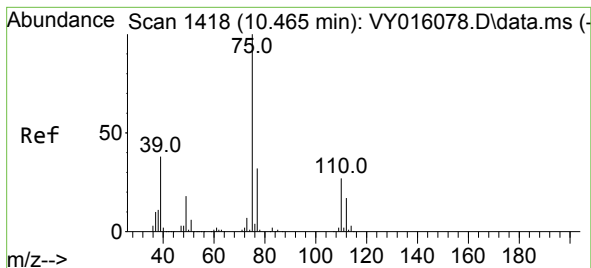
Tgt Ion: 43 Resp: 482984
Ion Ratio Lower Upper
43 100
58 41.6 29.0 43.6



#52
Toluene
Concen: 51.256 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 92 Resp: 332451
Ion Ratio Lower Upper
92 100
91 171.7 143.8 215.6

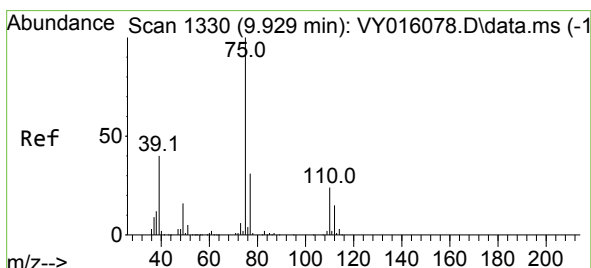
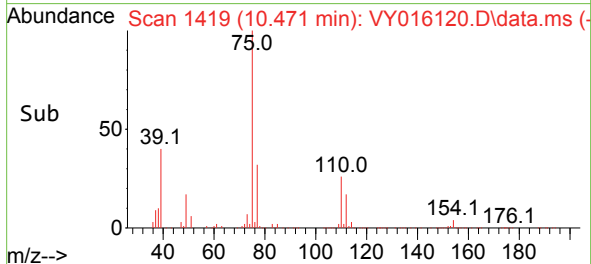
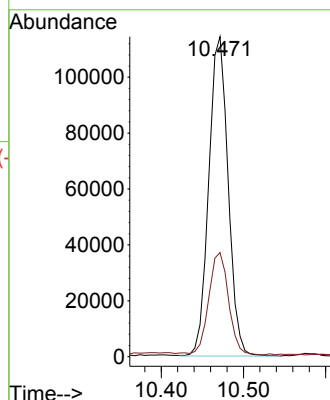
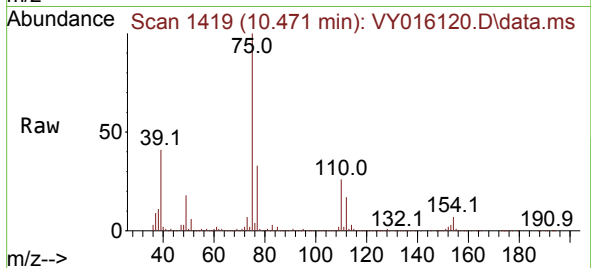




#53
 t-1,3-Dichloropropene
 Concen: 50.377 ug/l
 RT: 10.471 min Scan# 1418
 Delta R.T. 0.006 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37

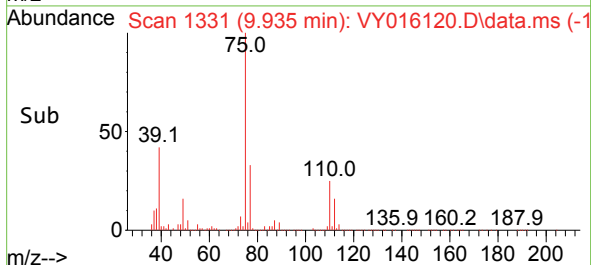
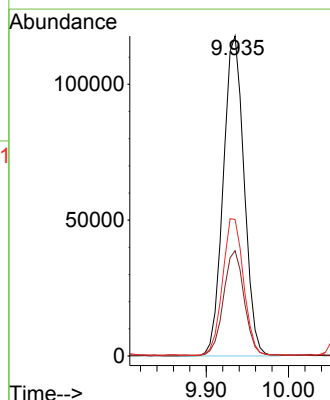
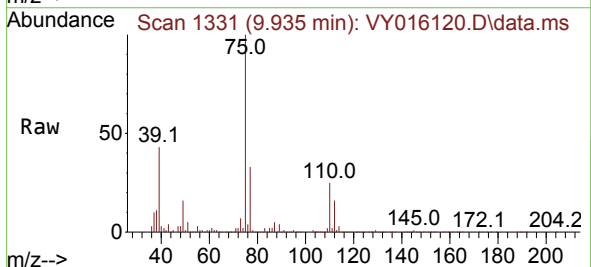
Instrument :
 MSVOA_Y
 ClientSampleId :

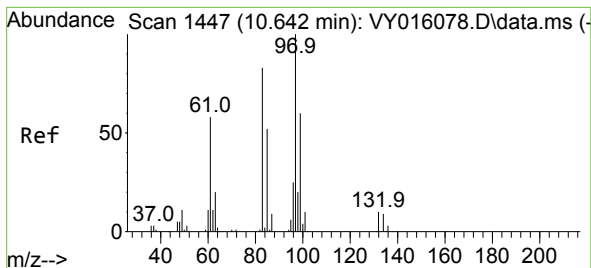
Tgt Ion: 75 Resp: 186748
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 49.600 ug/l
 RT: 9.935 min Scan# 1331
 Delta R.T. 0.006 min
 Lab File: VY016120.D
 Acq: 27 Oct 2023 21:37

Tgt Ion: 75 Resp: 207935
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.2 36.4
 39 42.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 49.603 ug/l

RT: 10.648 min Scan# 1448

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 105641

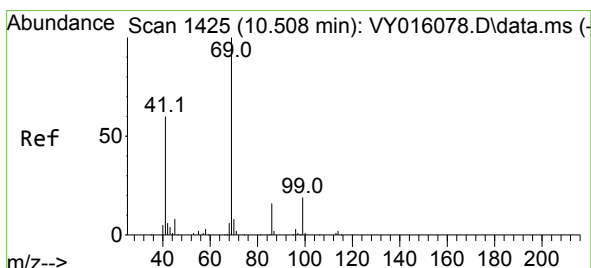
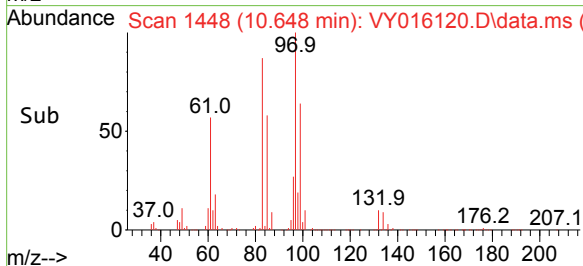
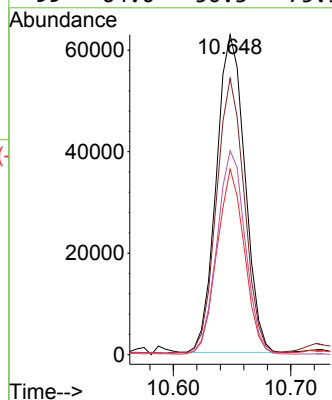
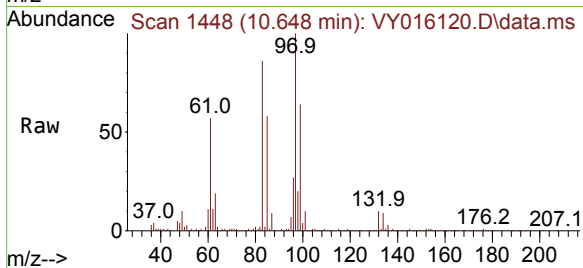
Ion Ratio Lower Upper

97 100

83 86.2 72.0 108.0

85 57.8 45.4 68.0

99 64.0 50.3 75.5



#56

Ethyl methacrylate

Concen: 54.823 ug/l

RT: 10.514 min Scan# 1426

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

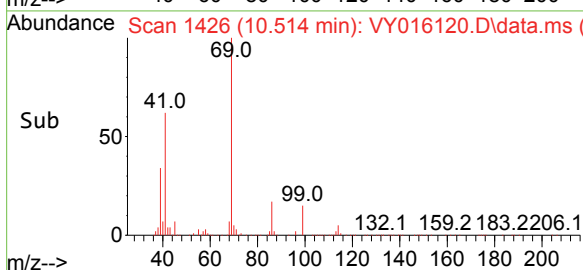
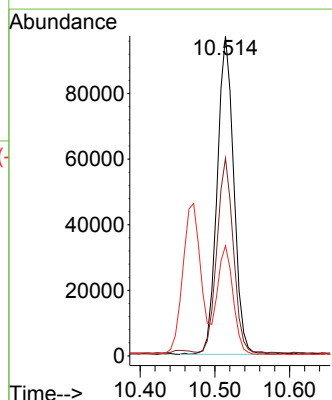
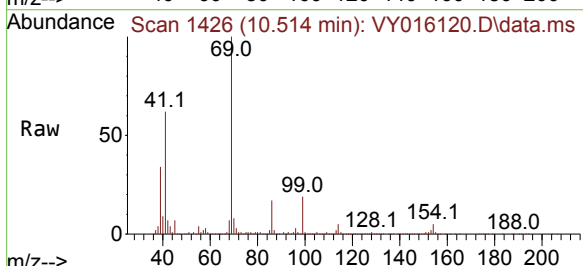
Tgt Ion: 69 Resp: 150053

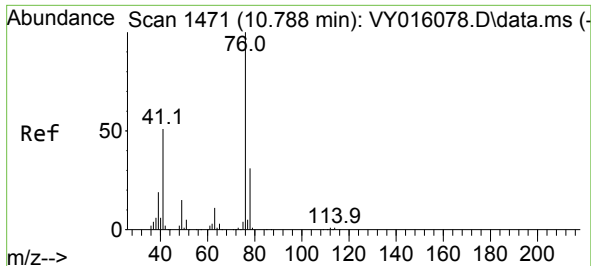
Ion Ratio Lower Upper

69 100

41 60.4 57.6 86.4

39 31.1 34.1 51.1#





#57

1,3-Dichloropropane

Concen: 50.339 ug/l

RT: 10.795 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

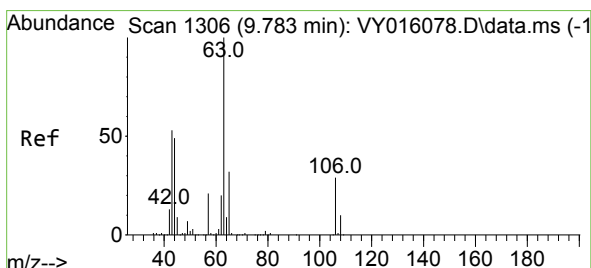
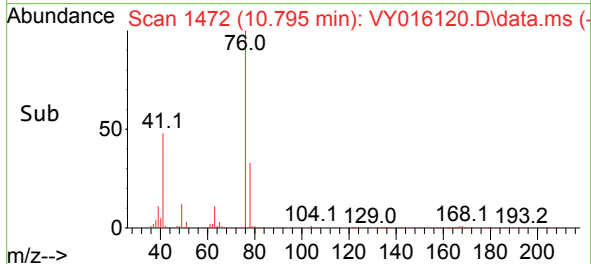
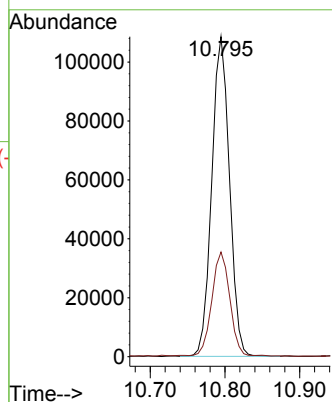
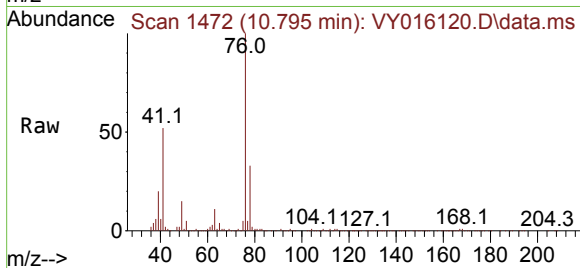
ClientSampleId :

Tgt Ion: 76 Resp: 179212

Ion Ratio Lower Upper

76 100

78 32.6 25.3 37.9



#58

2-Chloroethyl Vinyl ether

Concen: 261.426 ug/l

RT: 9.789 min Scan# 1307

Delta R.T. 0.006 min

Lab File: VY016120.D

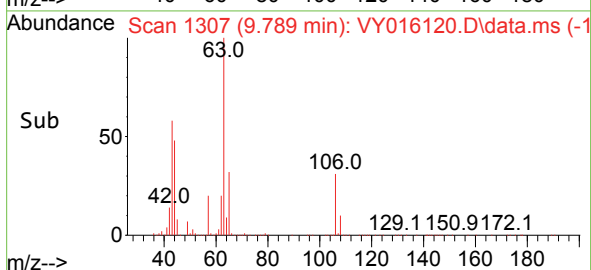
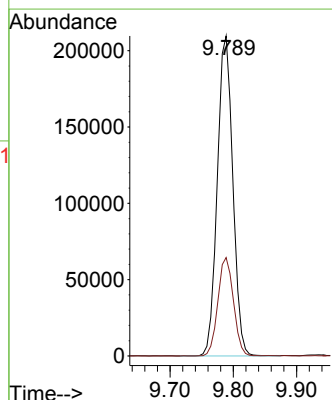
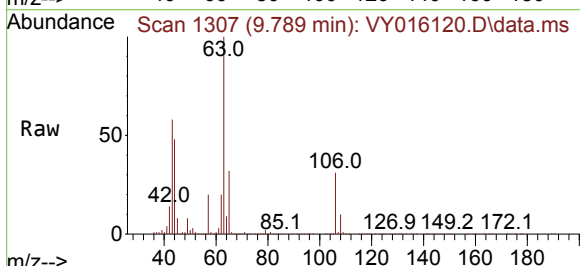
Acq: 27 Oct 2023 21:37

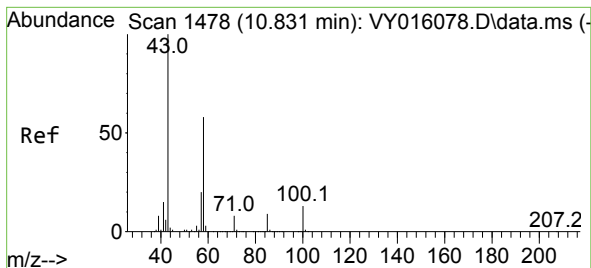
Tgt Ion: 63 Resp: 356218

Ion Ratio Lower Upper

63 100

106 30.9 21.2 31.8

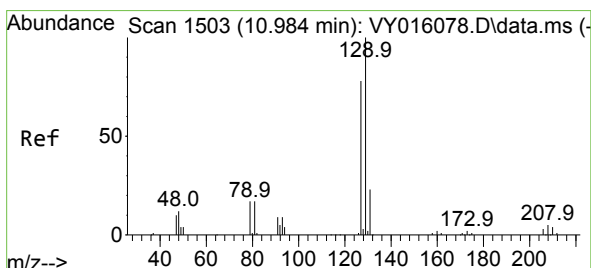
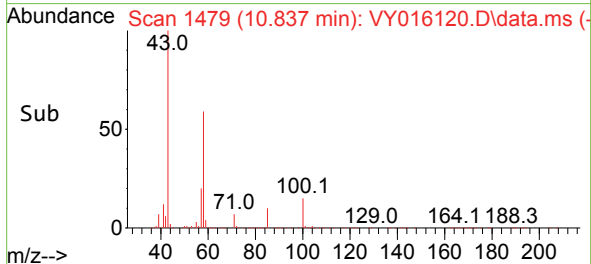
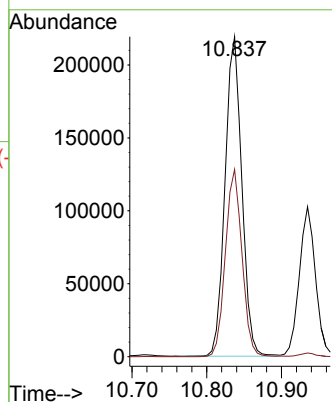
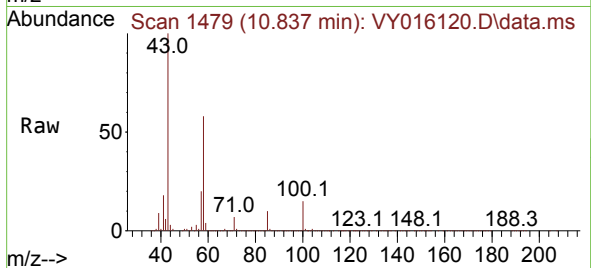




#59
2-Hexanone
Concen: 257.534 ug/l
RT: 10.837 min Scan# 1478
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

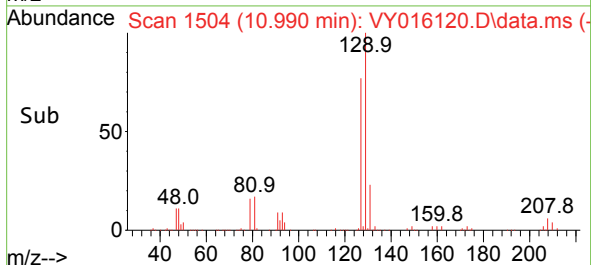
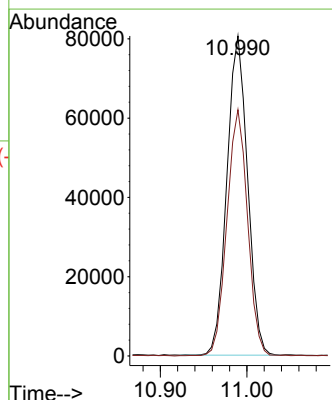
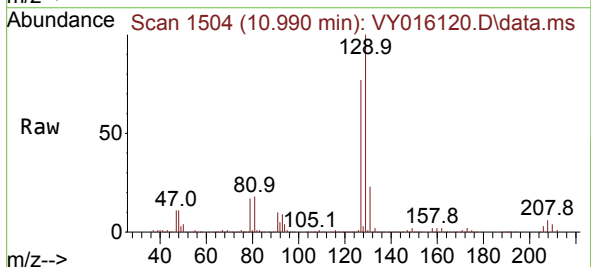
Instrument :
MSVOA_Y
ClientSampleId :

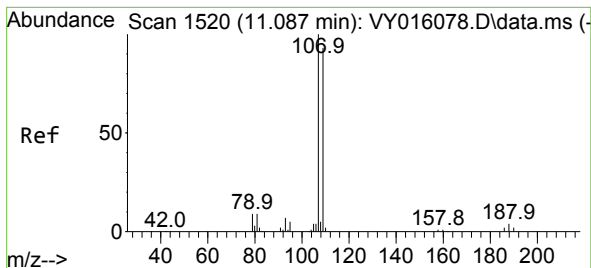
Tgt Ion: 43 Resp: 342254
Ion Ratio Lower Upper
43 100
58 57.9 25.1 75.3



#60
Dibromochloromethane
Concen: 51.271 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 129 Resp: 133715
Ion Ratio Lower Upper
129 100
127 77.2 38.5 115.5





#61

1,2-Dibromoethane

Concen: 51.705 ug/l

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

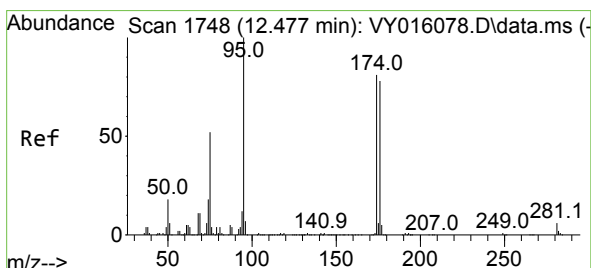
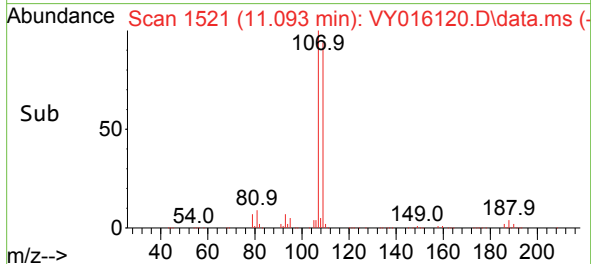
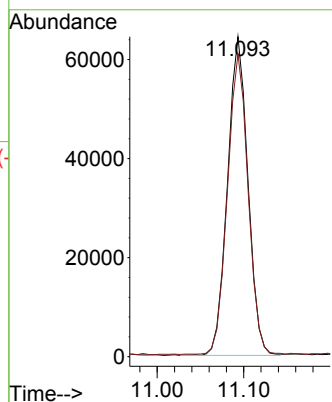
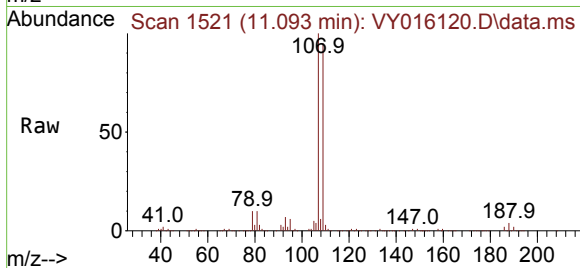
ClientSampleId :

Tgt Ion:107 Resp: 105444

Ion Ratio Lower Upper

107 100

109 94.8 75.6 113.4



#62

4-Bromofluorobenzene

Concen: 52.307 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

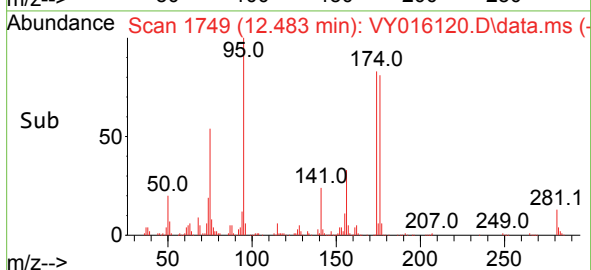
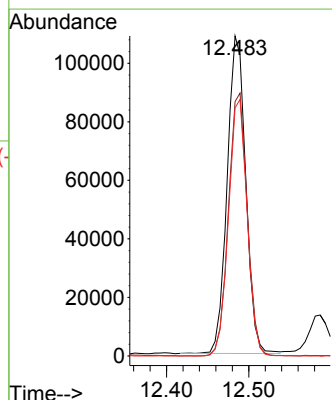
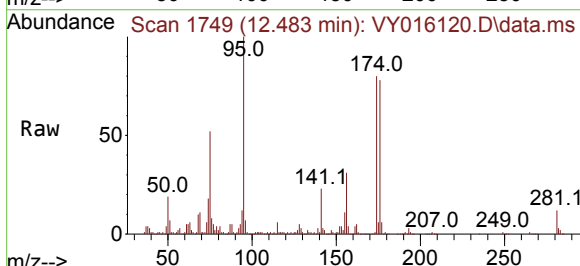
Tgt Ion: 95 Resp: 170105

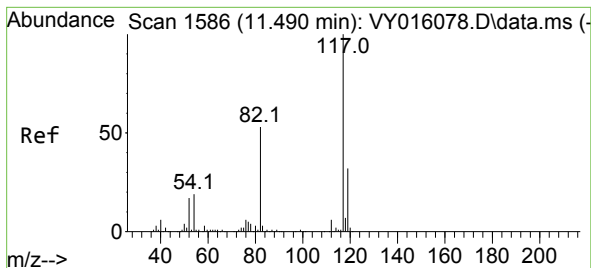
Ion Ratio Lower Upper

95 100

174 84.0 0.0 178.2

176 80.9 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

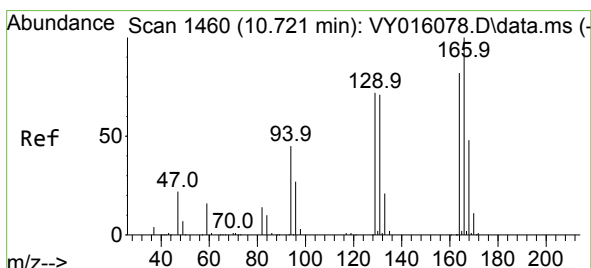
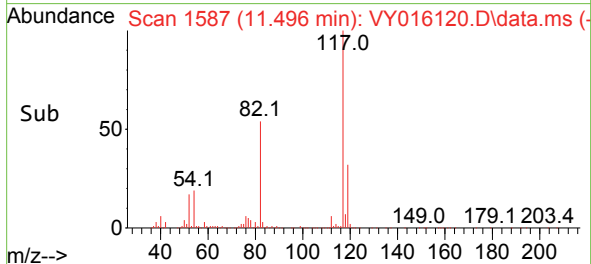
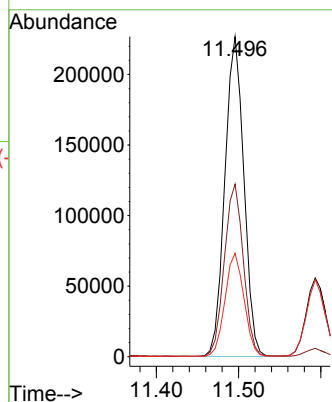
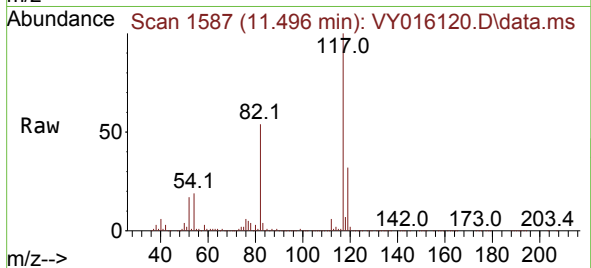
Tgt Ion:117 Resp: 363957

Ion Ratio Lower Upper

117 100

82 53.8 43.4 65.0

119 32.2 26.3 39.5



#64

Tetrachloroethene

Concen: 53.215 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Tgt Ion:164 Resp: 128169

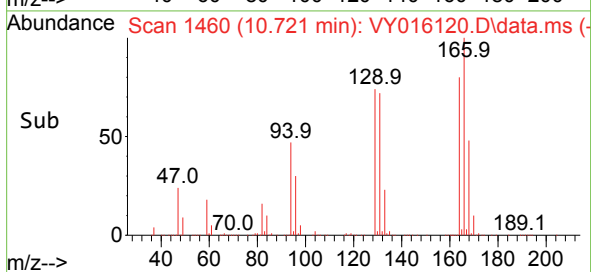
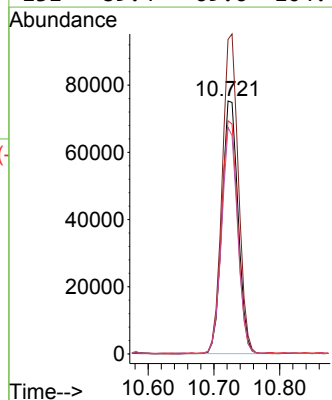
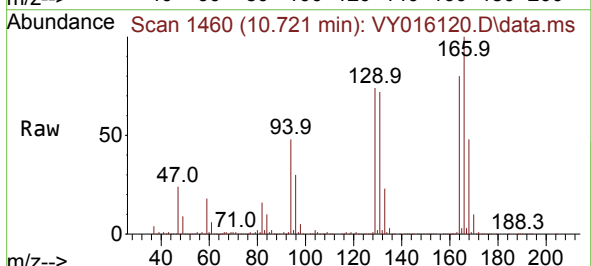
Ion Ratio Lower Upper

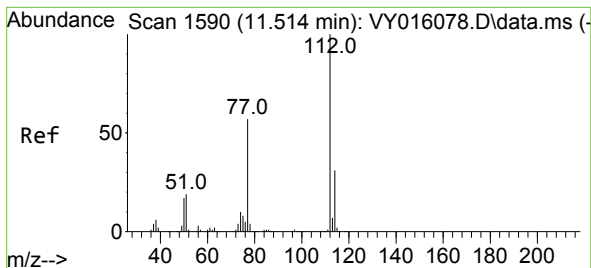
164 100

166 124.5 103.0 154.6

129 92.0 77.2 115.8

131 89.4 69.6 104.4





#65

Chlorobenzene

Concen: 48.019 ug/l

RT: 11.520 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

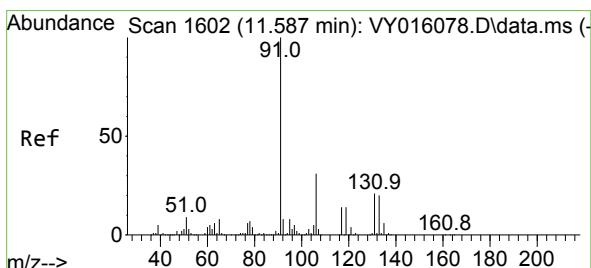
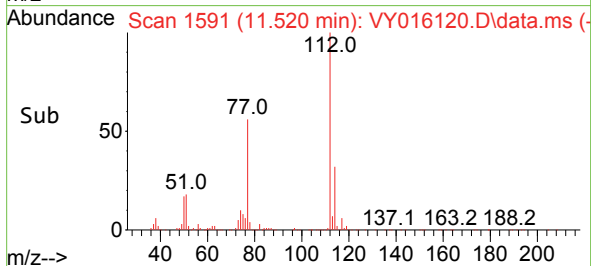
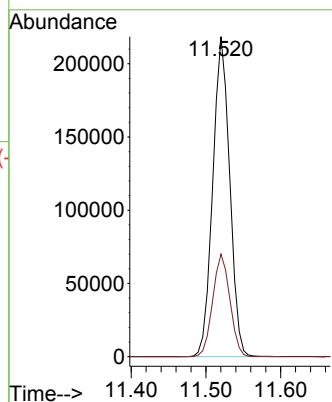
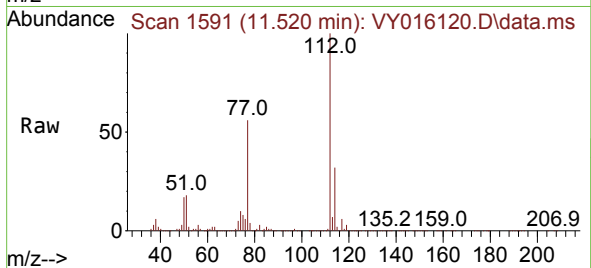
ClientSampleId :

Tgt Ion:112 Resp: 343448

Ion Ratio Lower Upper

112 100

114 32.1 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 49.856 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

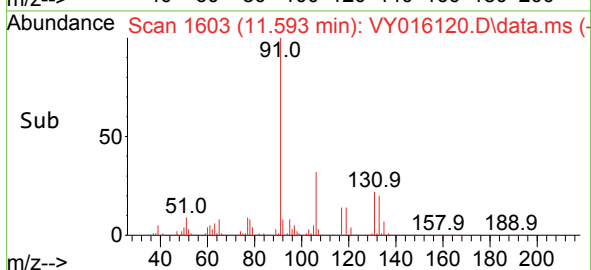
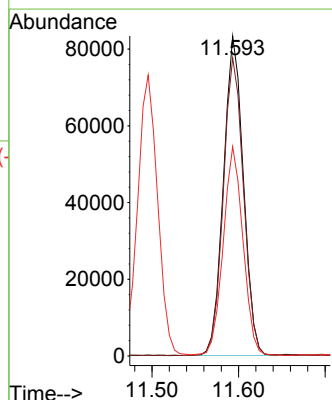
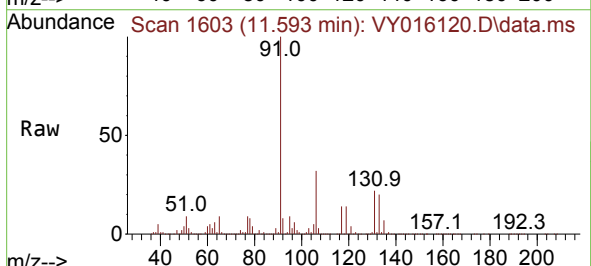
Tgt Ion:131 Resp: 133167

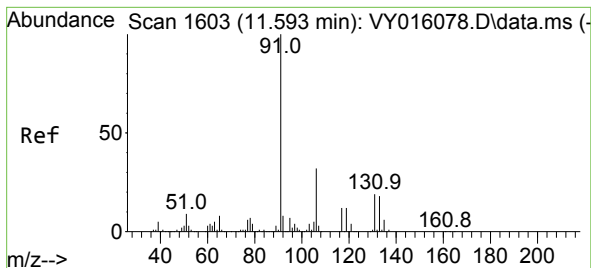
Ion Ratio Lower Upper

131 100

133 94.3 47.5 142.6

119 64.7 31.6 94.7





#67

Ethyl Benzene

Concen: 48.555 ug/l

RT: 11.599 min Scan# 1604

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

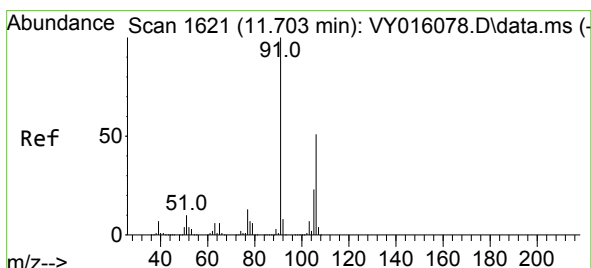
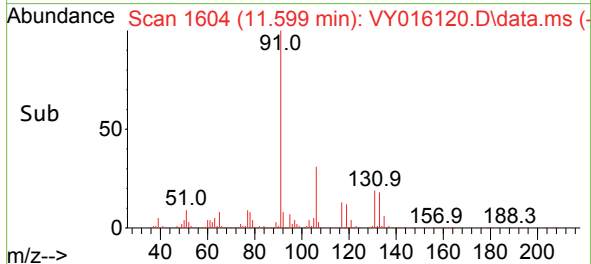
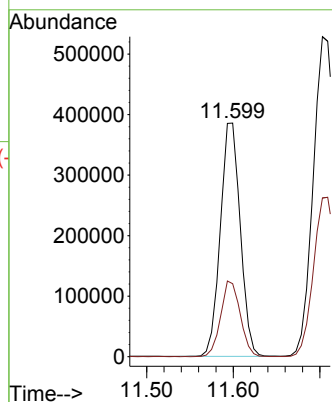
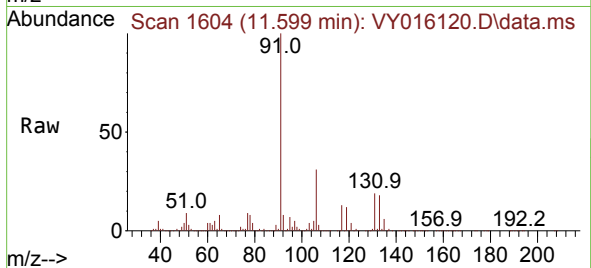
ClientSampleId :

Tgt Ion: 91 Resp: 616845

Ion Ratio Lower Upper

91 100

106 31.2 24.6 36.8



#68

m/p-Xylenes

Concen: 99.671 ug/l

RT: 11.709 min Scan# 1622

Delta R.T. 0.006 min

Lab File: VY016120.D

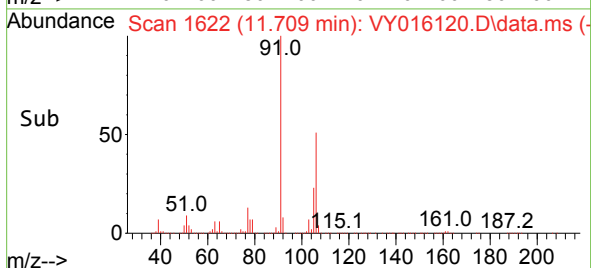
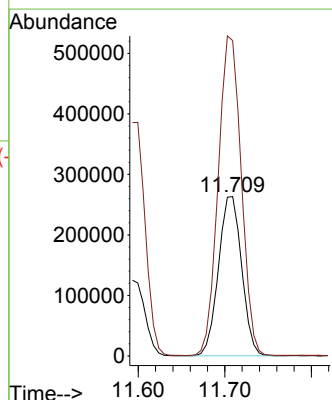
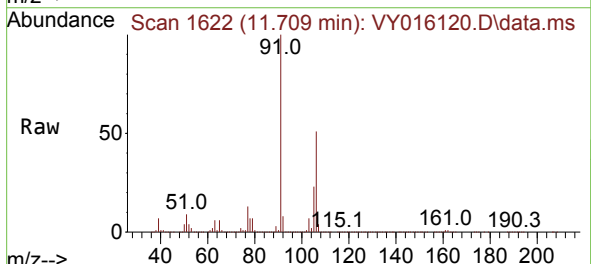
Acq: 27 Oct 2023 21:37

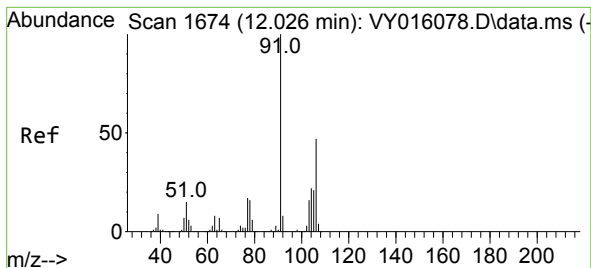
Tgt Ion:106 Resp: 490016

Ion Ratio Lower Upper

106 100

91 199.4 166.1 249.1





#69

o-Xylene

Concen: 51.007 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

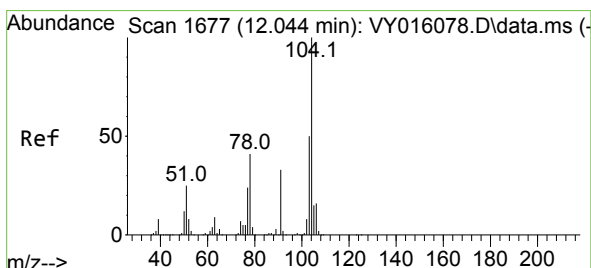
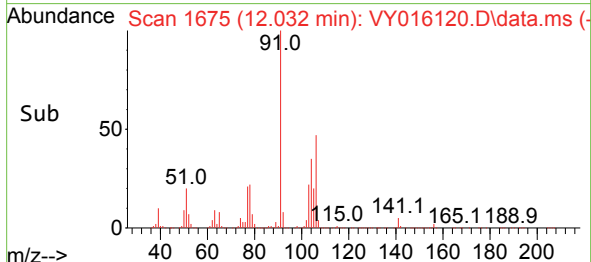
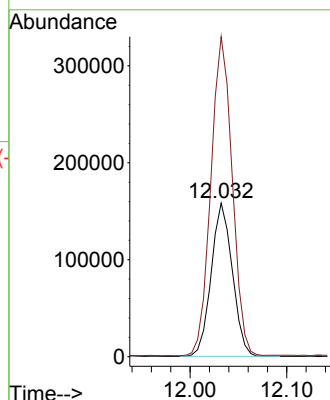
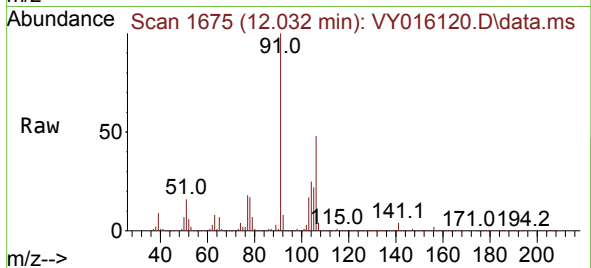
ClientSampleId :

Tgt Ion:106 Resp: 240071

Ion Ratio Lower Upper

106 100

91 210.4 108.1 324.3



#70

Styrene

Concen: 51.409 ug/l

RT: 12.050 min Scan# 1678

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

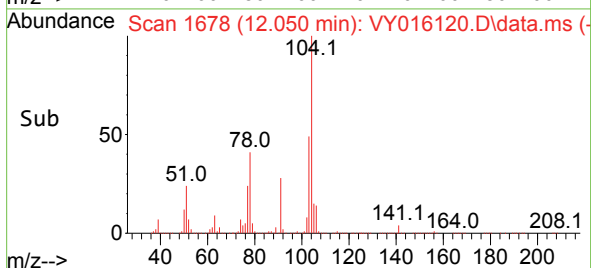
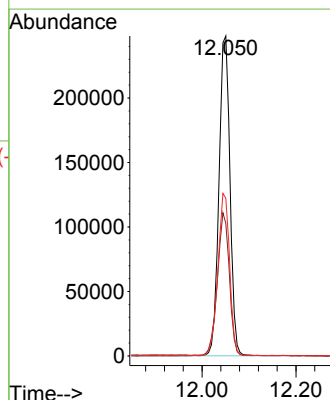
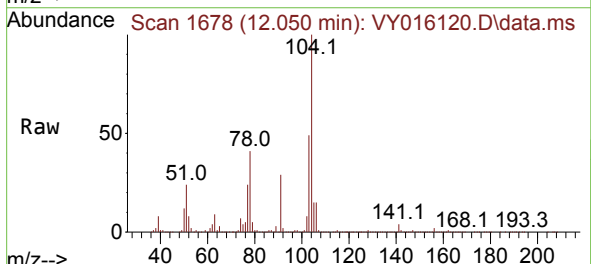
Tgt Ion:104 Resp: 403334

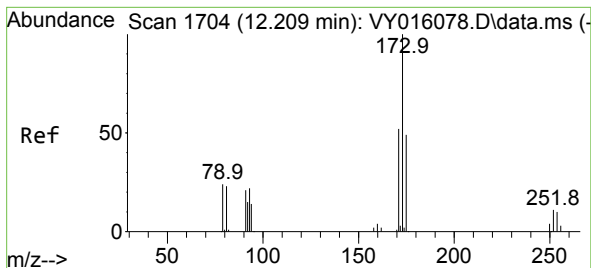
Ion Ratio Lower Upper

104 100

78 48.3 41.5 62.3

103 54.1 44.6 67.0





#71

Bromoform

Concen: 52.841 ug/l

RT: 12.215 min Scan# 11

Delta R.T. 0.006 min

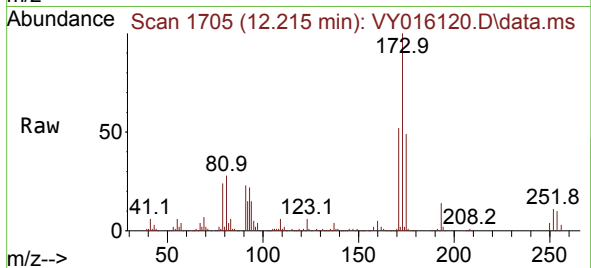
Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :



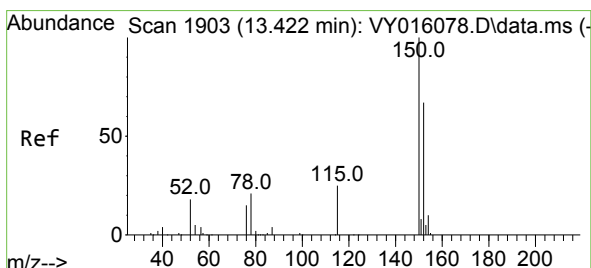
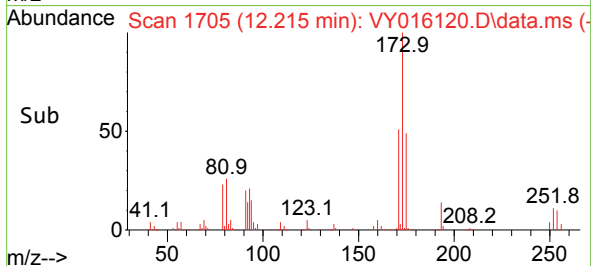
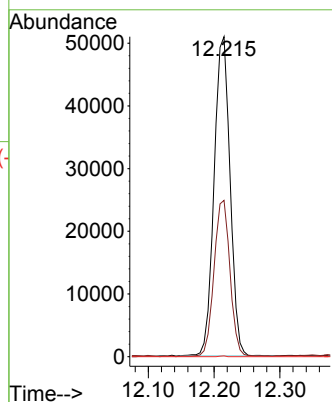
Tgt Ion:173 Resp: 85974

Ion Ratio Lower Upper

173 100

175 49.3 24.6 73.8

254 0.1 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

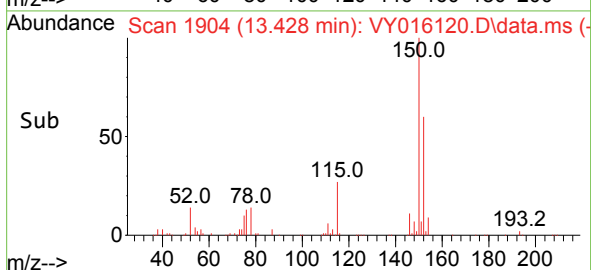
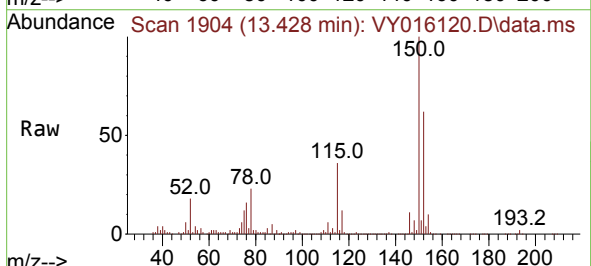
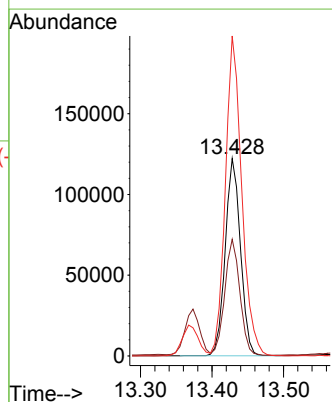
Tgt Ion:152 Resp: 180813

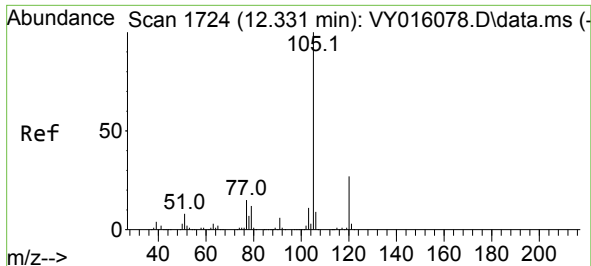
Ion Ratio Lower Upper

152 100

115 58.3 28.8 86.5

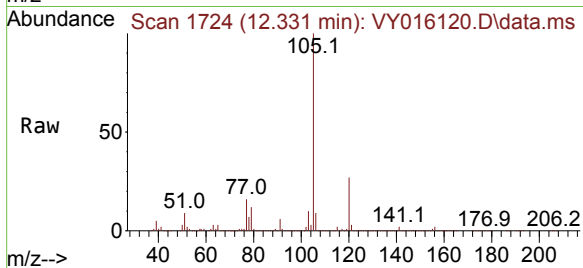
150 174.1 0.0 348.8



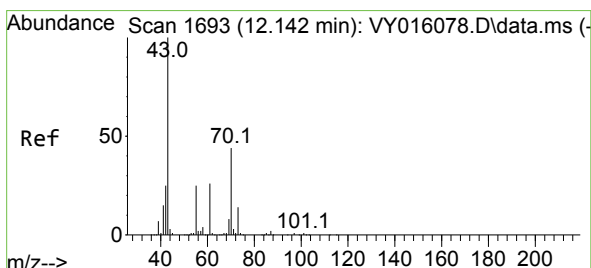
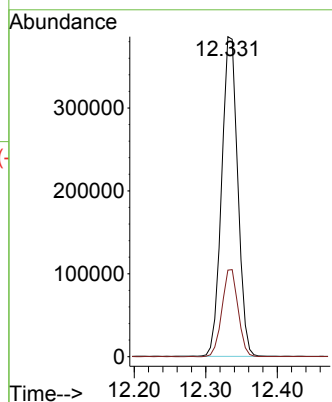
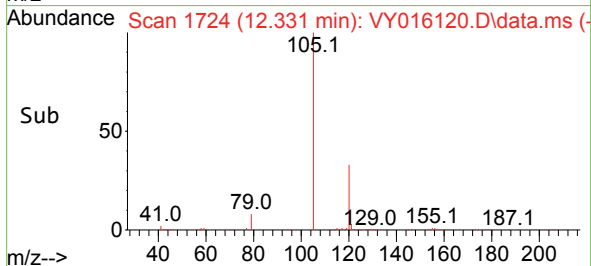


#73
Isopropylbenzene
Concen: 47.398 ug/l
RT: 12.331 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

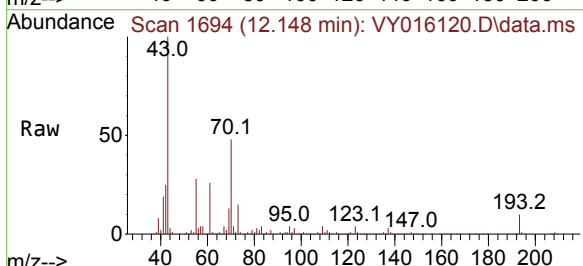
Instrument :
MSVOA_Y
ClientSampleId :



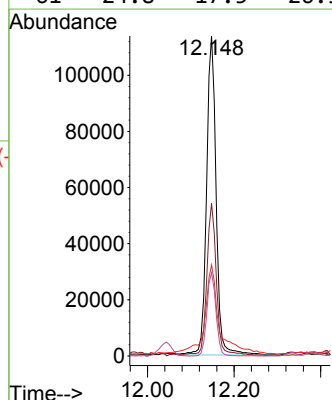
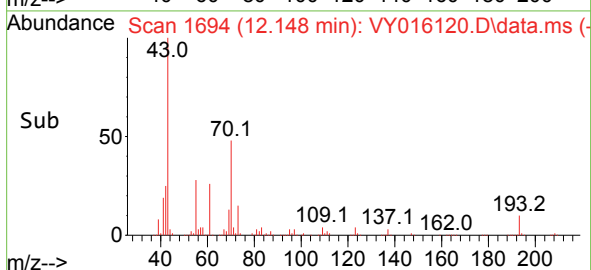
Tgt Ion:105 Resp: 603137
Ion Ratio Lower Upper
105 100
120 27.2 13.3 39.9

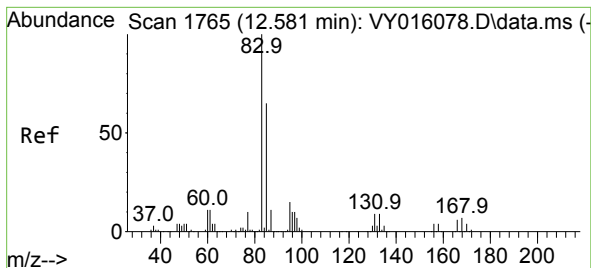


#74
N-ethyl acetate
Concen: 56.325 ug/l
RT: 12.148 min Scan# 1694
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37



Tgt Ion: 43 Resp: 174765
Ion Ratio Lower Upper
43 100
70 47.9 29.7 44.5#
55 42.1 18.3 27.5#
61 24.8 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 50.158 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

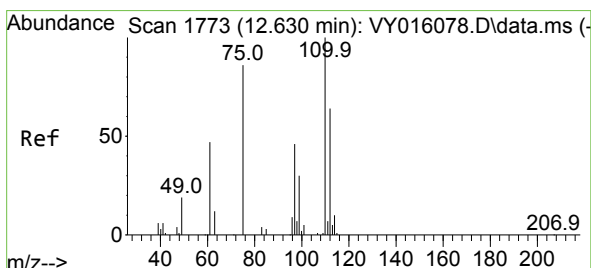
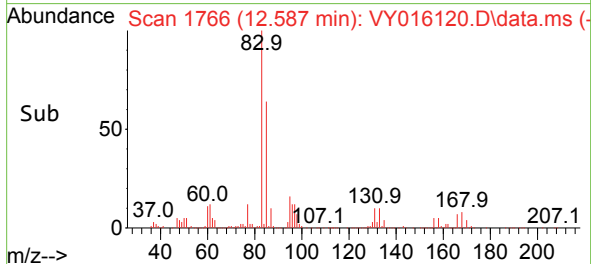
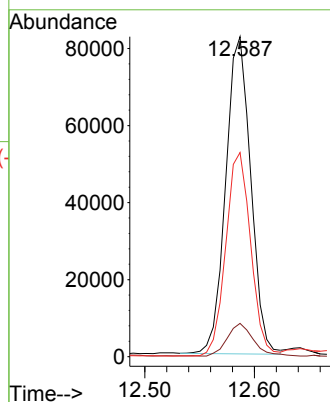
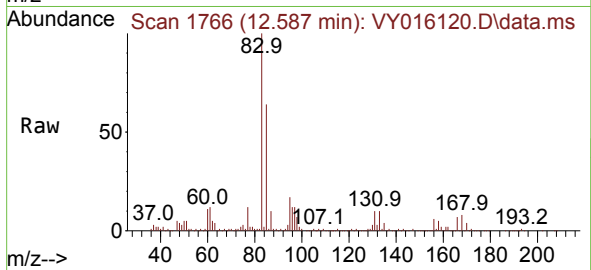
Tgt Ion: 83 Resp: 130472

Ion Ratio Lower Upper

83 100

131 10.8 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 89.075 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY016120.D

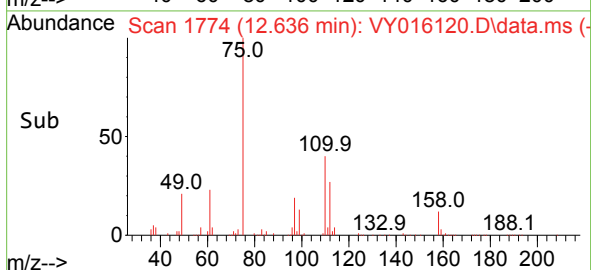
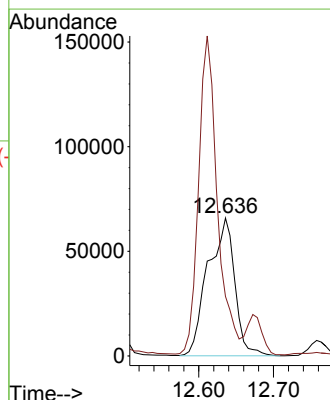
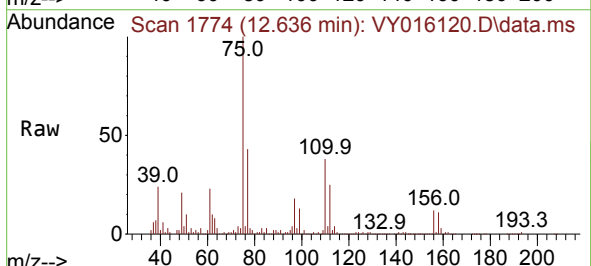
Acq: 27 Oct 2023 21:37

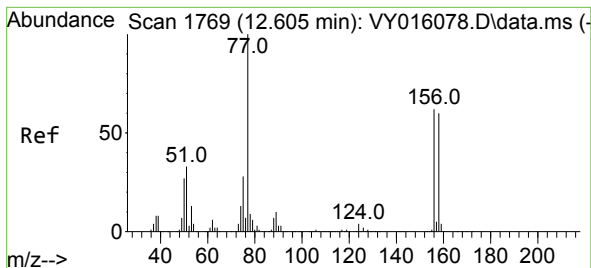
Tgt Ion: 75 Resp: 164435

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.002 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

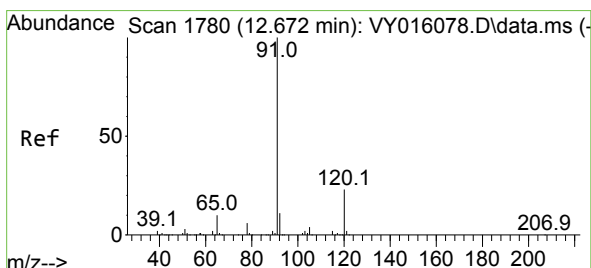
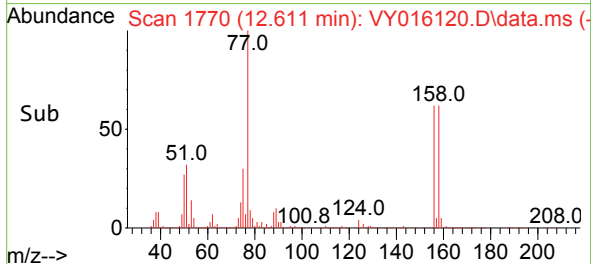
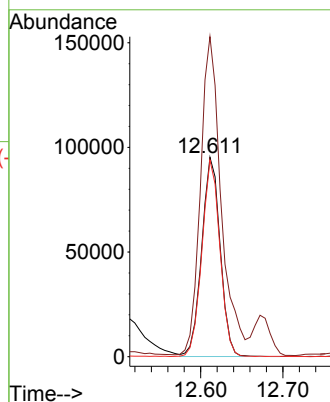
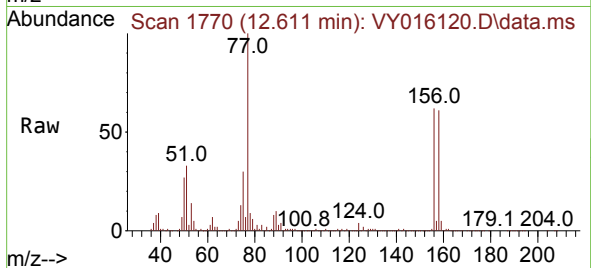
Tgt Ion:156 Resp: 148496

Ion Ratio Lower Upper

156 100

77 178.4 92.8 278.6

158 96.3 48.4 145.3



#78

n-propylbenzene

Concen: 46.716 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY016120.D

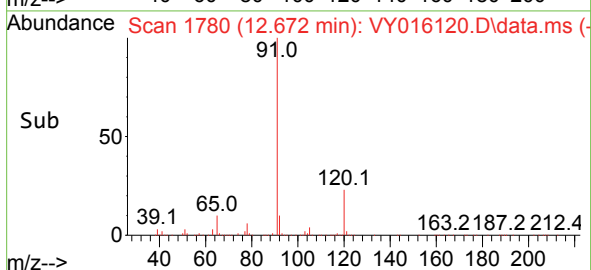
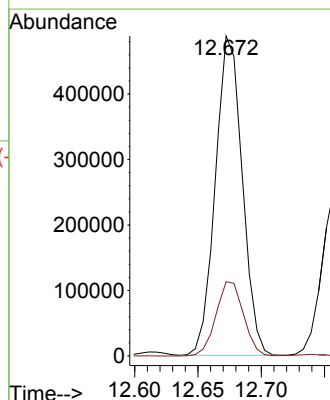
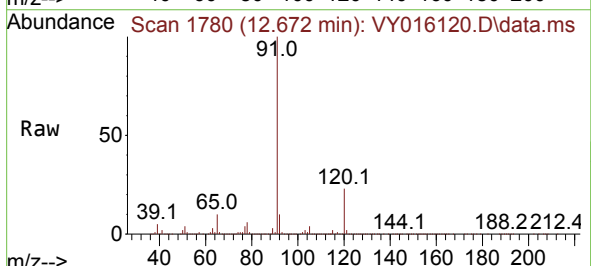
Acq: 27 Oct 2023 21:37

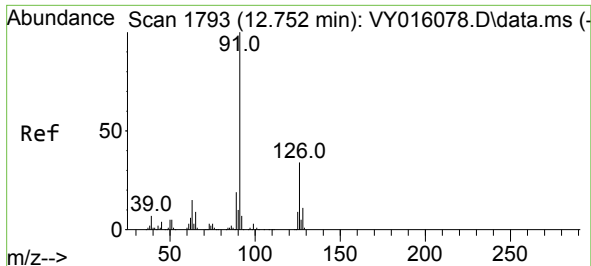
Tgt Ion: 91 Resp: 719774

Ion Ratio Lower Upper

91 100

120 23.8 11.5 34.4

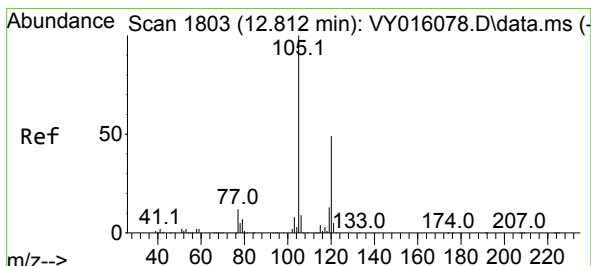
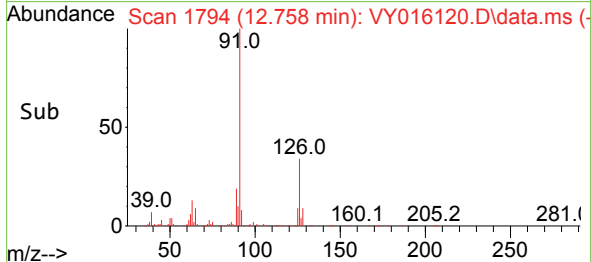
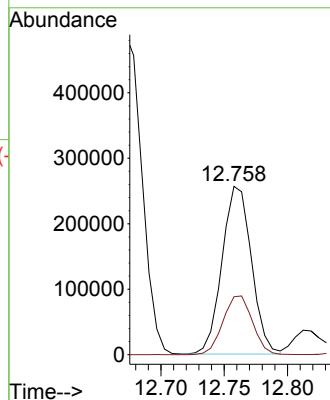
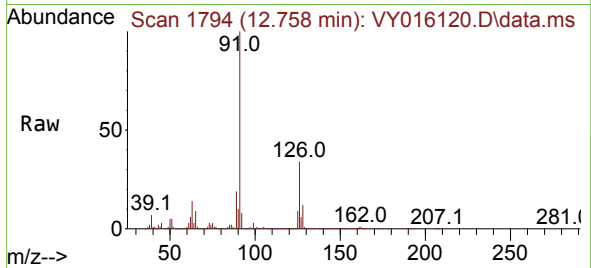




#79
2-Chlorotoluene
Concen: 48.036 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

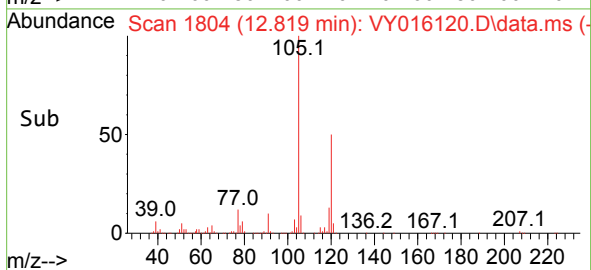
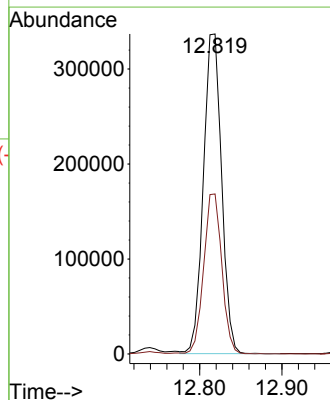
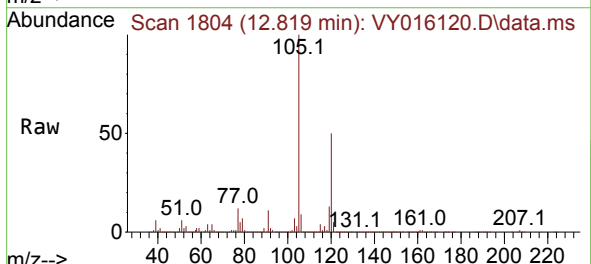
Instrument :
MSVOA_Y
ClientSampleId :

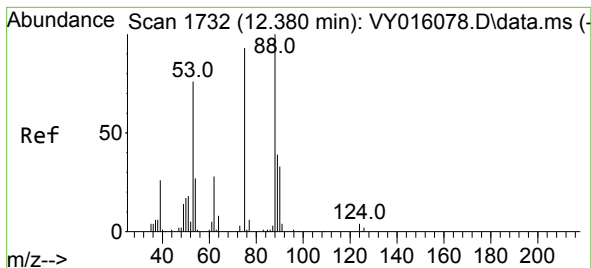
Tgt Ion: 91 Resp: 414506
Ion Ratio Lower Upper
91 100
126 35.2 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 49.041 ug/l
RT: 12.819 min Scan# 1804
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 105 Resp: 518111
Ion Ratio Lower Upper
105 100
120 49.9 23.9 71.7

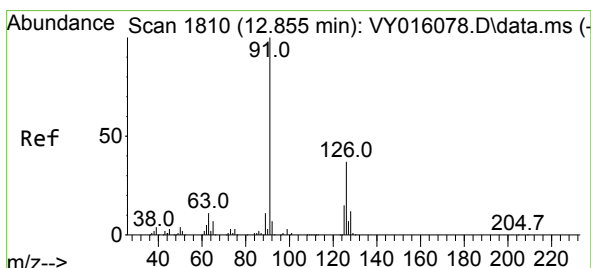
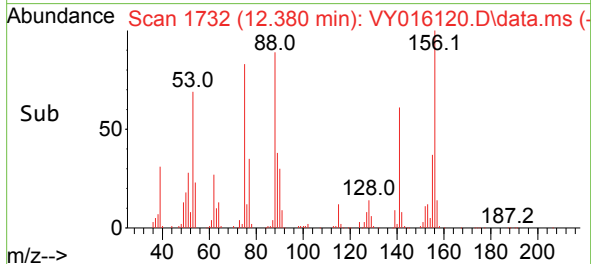
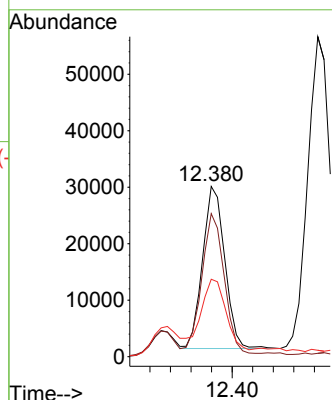
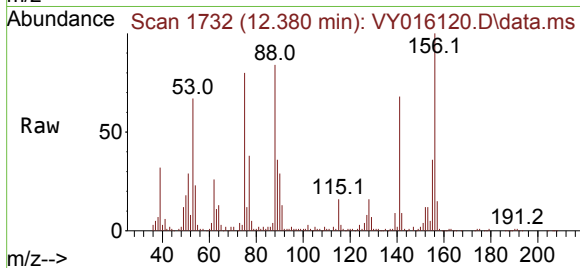




#81
trans-1,4-Dichloro-2-butene
Concen: 50.732 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

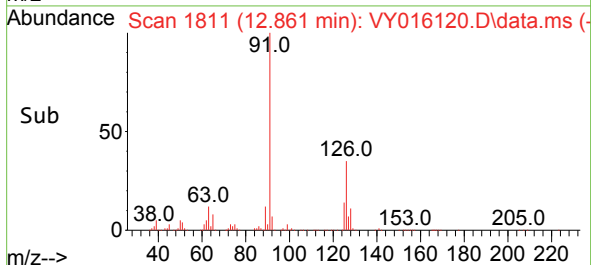
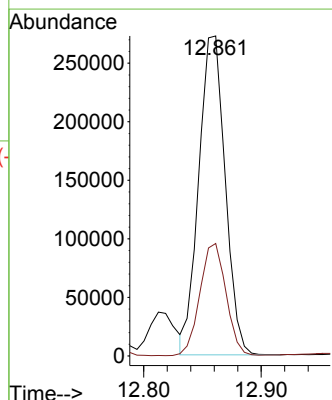
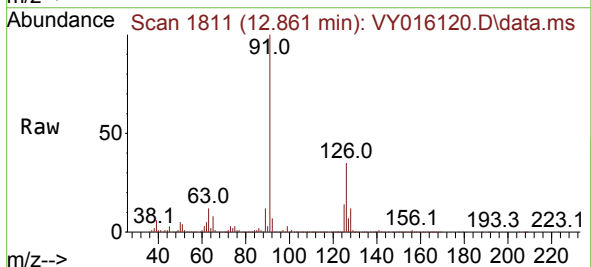
Instrument :
MSVOA_Y
ClientSampleId :

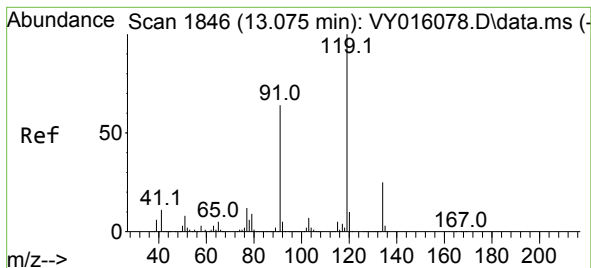
Tgt Ion: 75 Resp: 43096
Ion Ratio Lower Upper
75 100
53 87.3 77.8 116.8
89 48.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 47.595 ug/l
RT: 12.861 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion: 91 Resp: 425920
Ion Ratio Lower Upper
91 100
126 34.9 17.2 51.6





#83

tert-Butylbenzene

Concen: 48.883 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

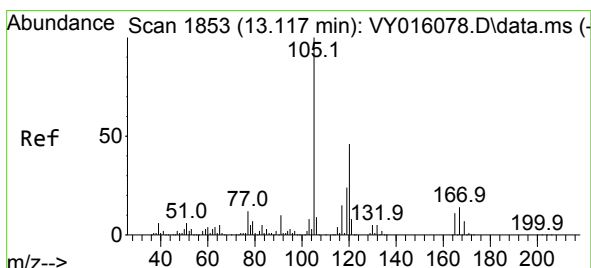
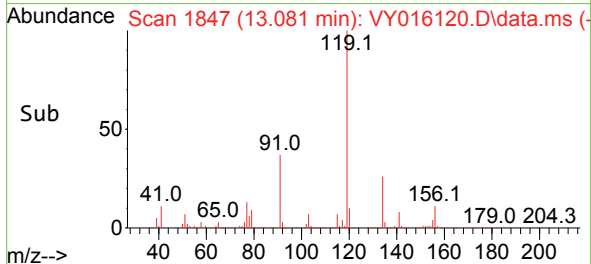
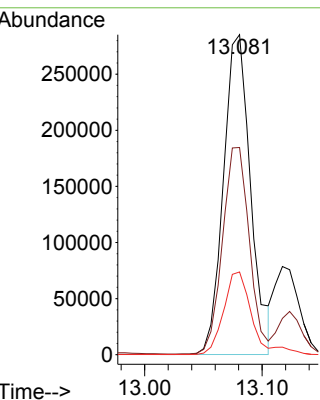
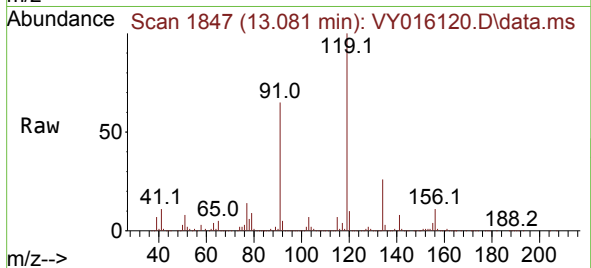
Tgt Ion:119 Resp: 459061

Ion Ratio Lower Upper

119 100

91 63.8 32.9 98.6

134 27.0 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 51.160 ug/l

RT: 13.123 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VY016120.D

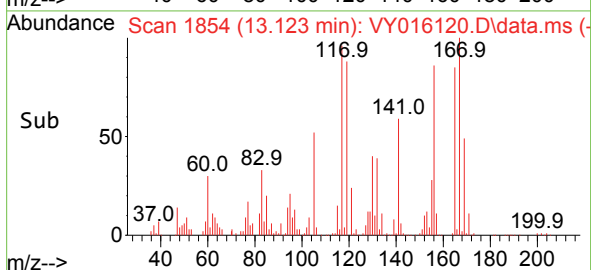
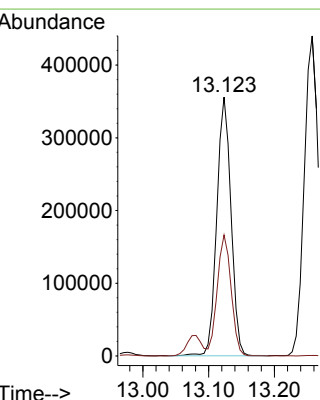
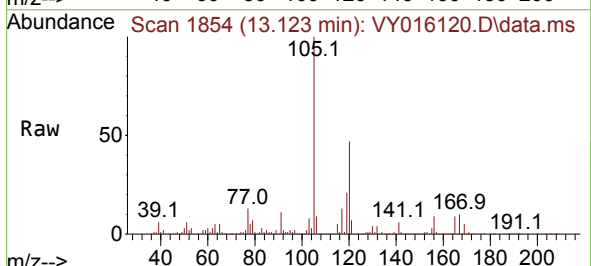
Acq: 27 Oct 2023 21:37

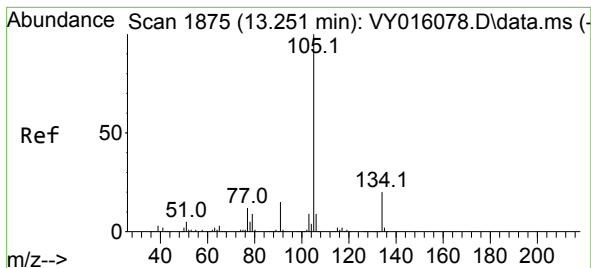
Tgt Ion:105 Resp: 533816

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 47.322 ug/l

RT: 13.258 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

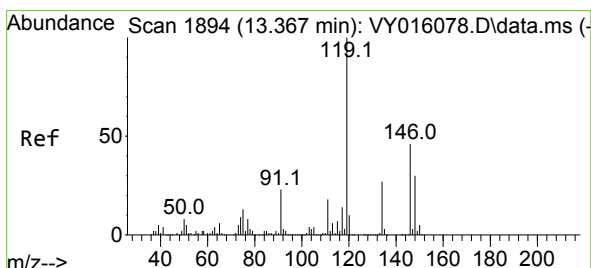
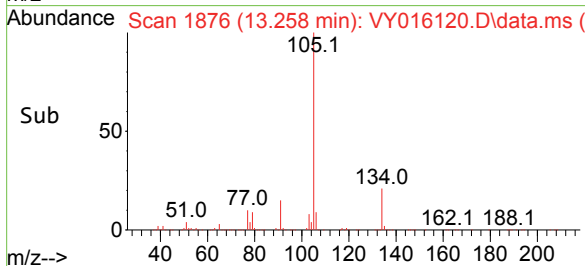
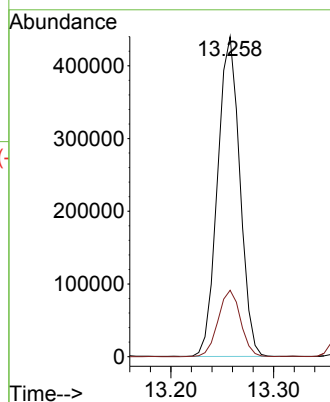
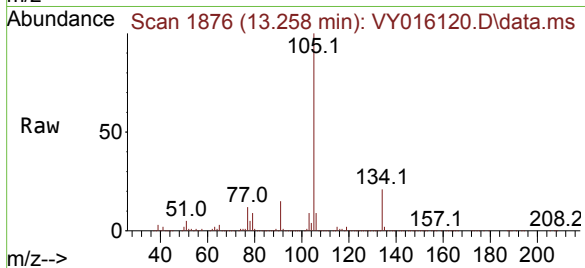
ClientSampleId :

Tgt Ion:105 Resp: 661898

Ion Ratio Lower Upper

105 100

134 21.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 47.902 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

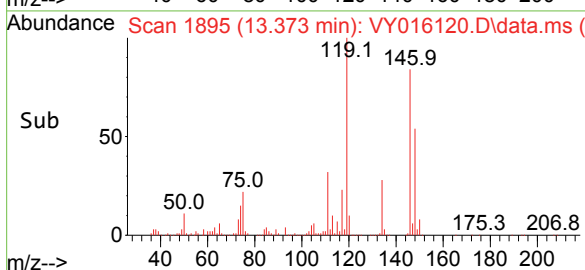
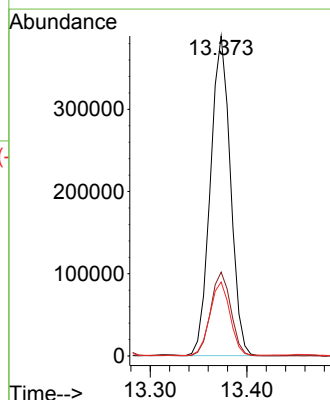
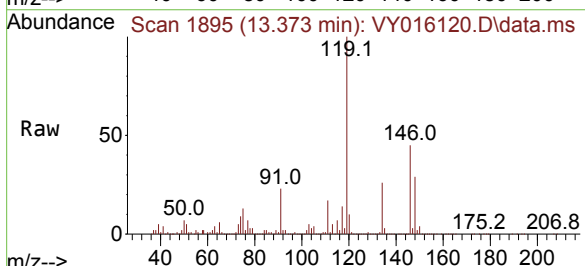
Tgt Ion:119 Resp: 559073

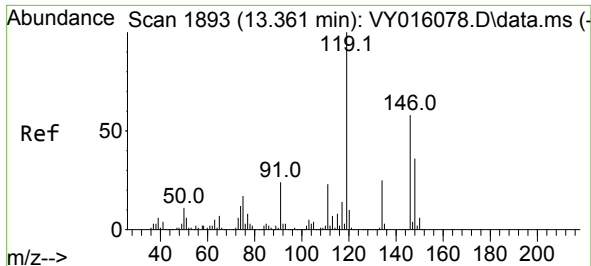
Ion Ratio Lower Upper

119 100

134 26.5 13.3 39.8

91 23.1 12.4 37.4

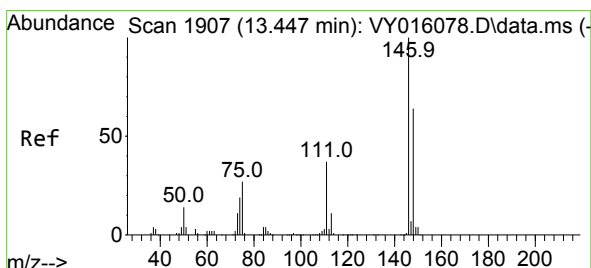
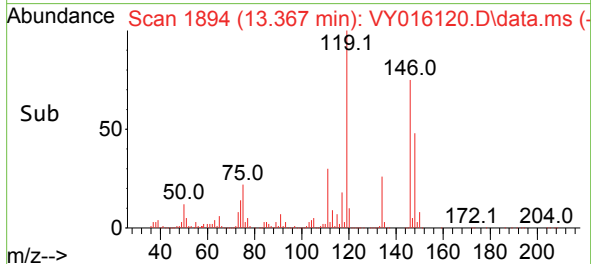
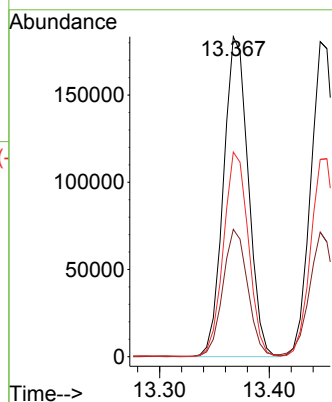
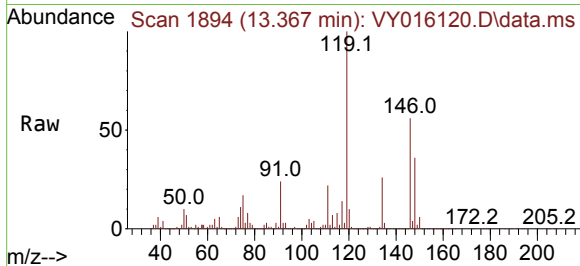




#87
1,3-Dichlorobenzene
Concen: 48.092 ug/l
RT: 13.367 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

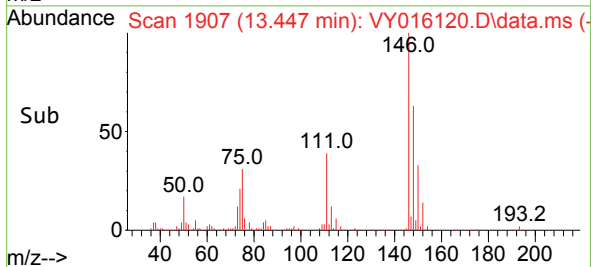
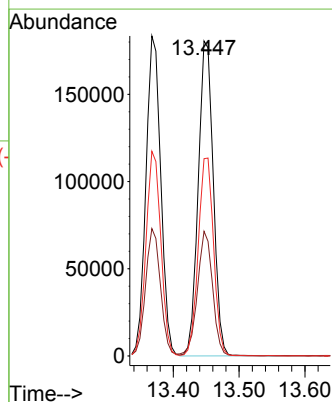
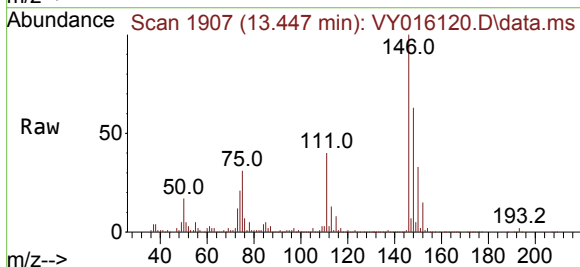
Instrument :
MSVOA_Y
ClientSampleId :

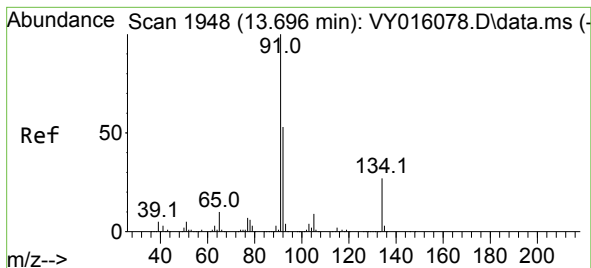
Tgt Ion:146 Resp: 288394
Ion Ratio Lower Upper
146 100
111 39.7 19.4 58.2
148 63.8 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 48.391 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY016120.D
Acq: 27 Oct 2023 21:37

Tgt Ion:146 Resp: 286798
Ion Ratio Lower Upper
146 100
111 39.8 18.9 56.7
148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 47.713 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

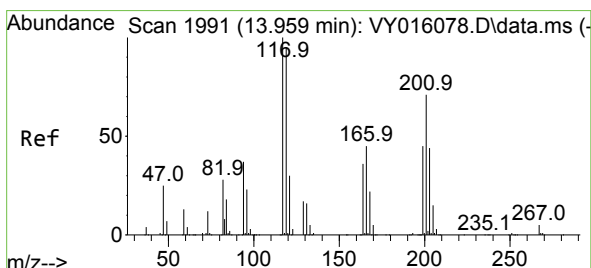
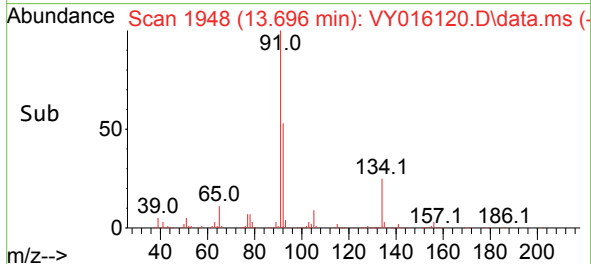
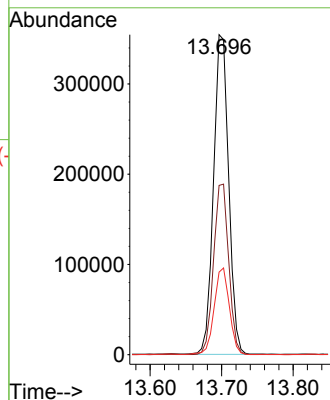
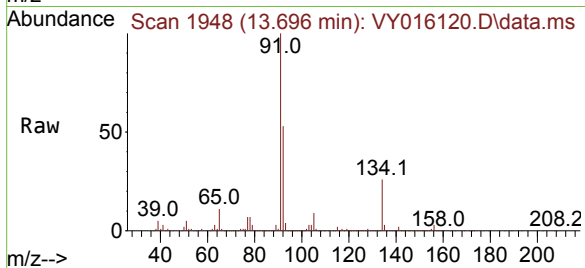
Tgt Ion: 91 Resp: 519460

Ion Ratio Lower Upper

91 100

92 53.4 25.4 76.0

134 27.2 12.6 37.6



#90

Hexachloroethane

Concen: 46.779 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY016120.D

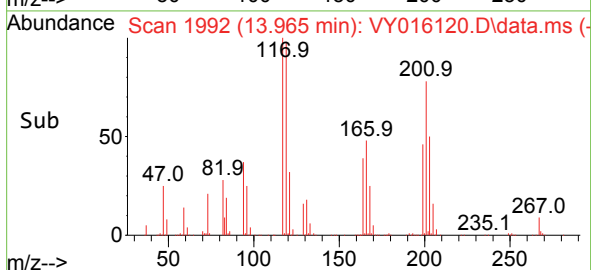
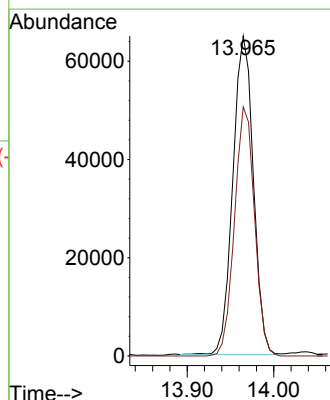
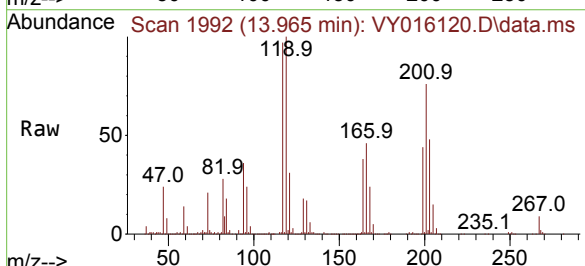
Acq: 27 Oct 2023 21:37

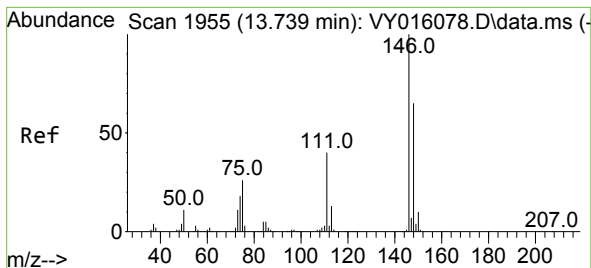
Tgt Ion: 117 Resp: 106294

Ion Ratio Lower Upper

117 100

201 76.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 49.406 ug/l

RT: 13.745 min Scan# 1955

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

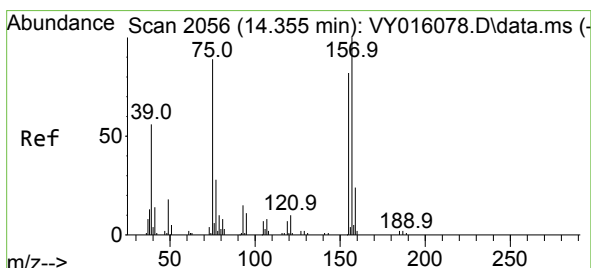
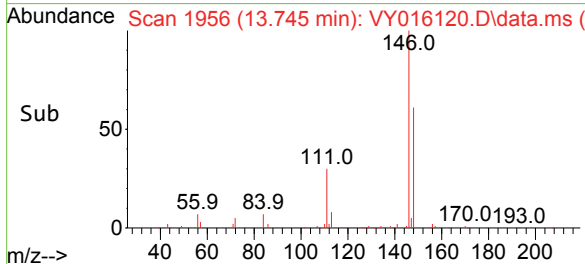
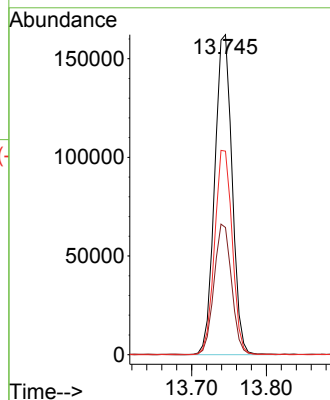
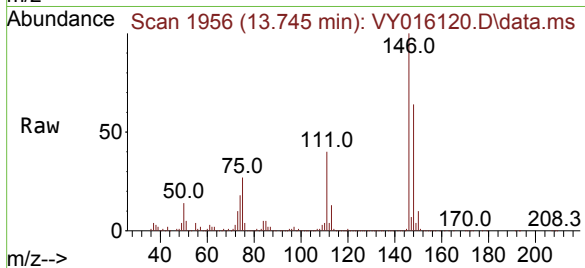
Tgt Ion:146 Resp: 262318

Ion Ratio Lower Upper

146 100

111 40.9 19.7 59.0

148 64.5 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.136 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

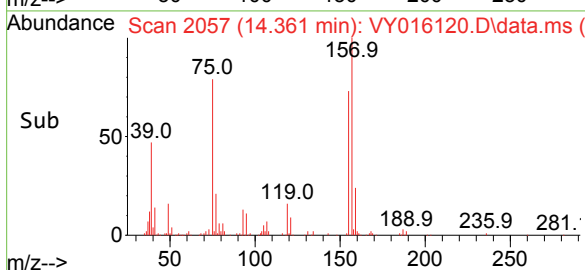
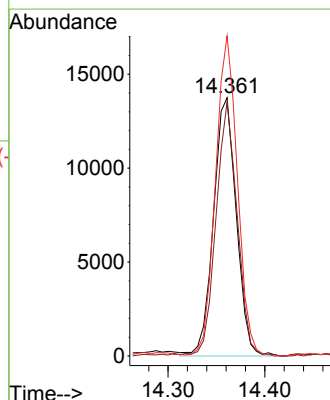
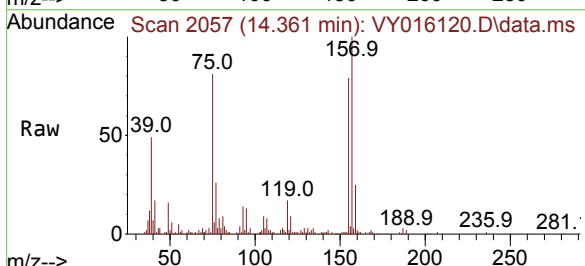
Tgt Ion: 75 Resp: 22516

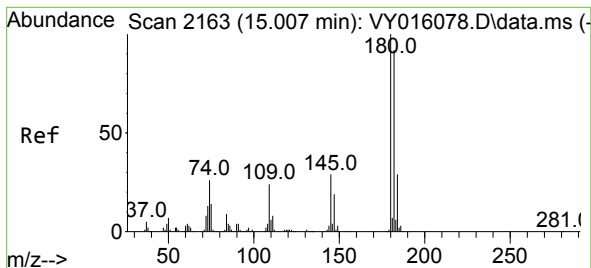
Ion Ratio Lower Upper

75 100

155 91.7 41.5 124.6

157 118.9 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 50.566 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

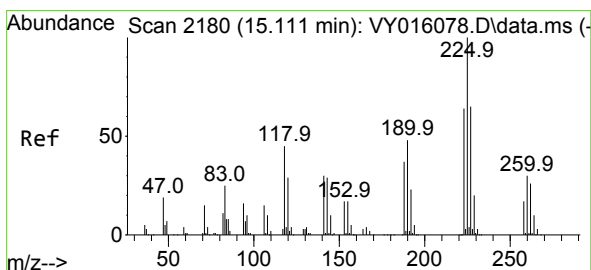
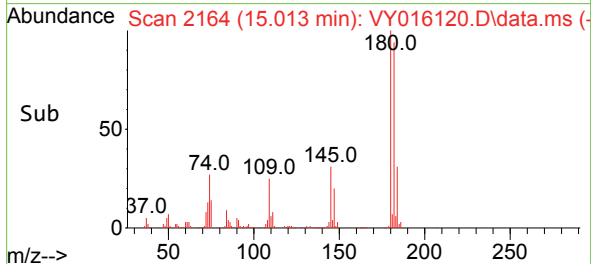
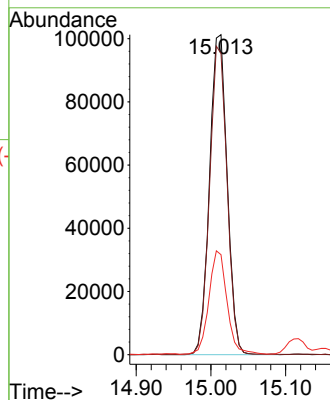
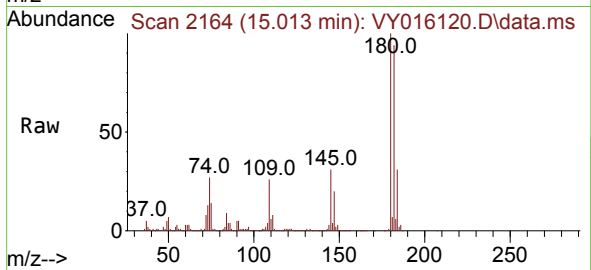
Tgt Ion:180 Resp: 166096

Ion Ratio Lower Upper

180 100

182 95.0 47.0 141.2

145 33.1 14.5 43.5



#94

Hexachlorobutadiene

Concen: 48.159 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

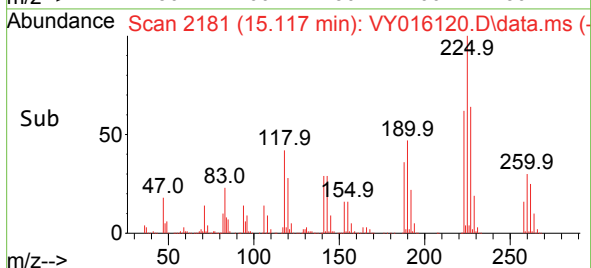
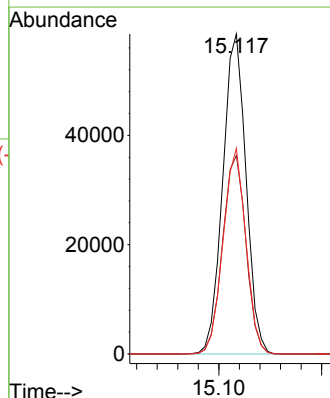
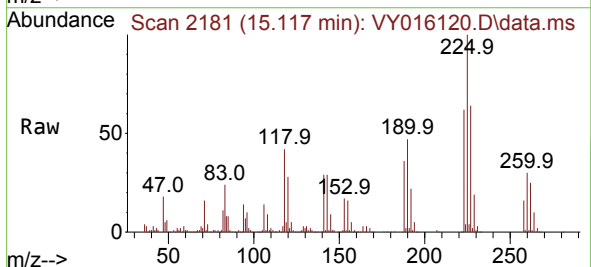
Tgt Ion:225 Resp: 91812

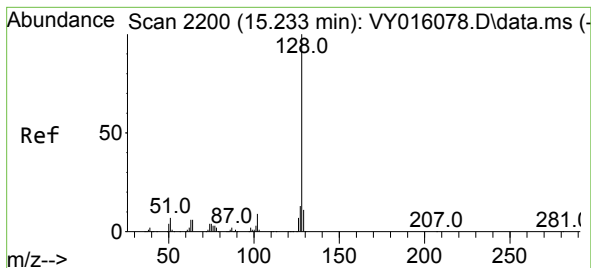
Ion Ratio Lower Upper

225 100

223 62.6 31.9 95.9

227 62.9 33.0 98.9





#95

Naphthalene

Concen: 145.488 ug/l

RT: 15.239 min Scan# 2200

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Instrument :

MSVOA_Y

ClientSampleId :

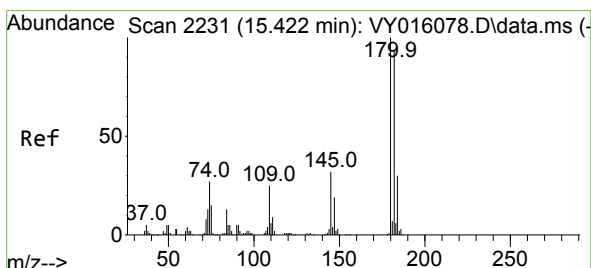
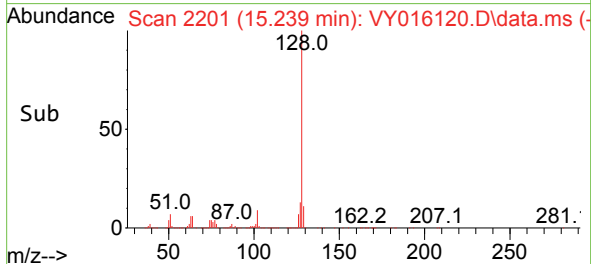
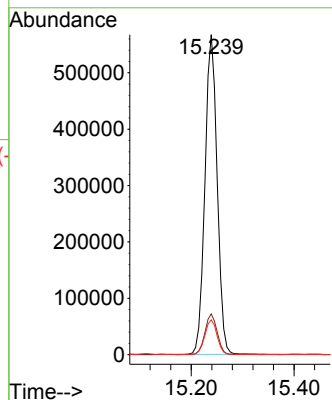
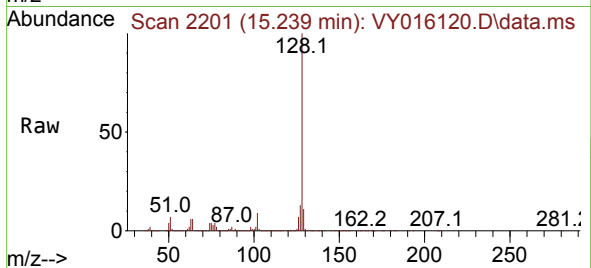
Tgt Ion:128 Resp: 932005

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 52.209 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016120.D

Acq: 27 Oct 2023 21:37

Tgt Ion:180 Resp: 147892

Ion Ratio Lower Upper

180 100

182 95.3 47.3 141.8

145 34.6 15.4 46.2

