

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102723\
 Data File : VY016097.D
 Acq On : 27 Oct 2023 11:23
 Operator : SY/MD
 Sample : VY1027SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 30 06:05:53 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	7.789	168	179348	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	296884	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268078	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	135477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92479	51.856	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.720%
35) Dibromofluoromethane	7.716	113	94148	50.233	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.460%
50) Toluene-d8	10.179	98	350068	50.425	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.840%
62) 4-Bromofluorobenzene	12.483	95	120924	50.778	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.560%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	24499	19.793	ug/l	93
3) Chloromethane	2.113	50	30818	20.319	ug/l	99
4) Vinyl Chloride	2.247	62	34742	20.051	ug/l	94
5) Bromomethane	2.637	94	26631	20.678	ug/l	96
6) Chloroethane	2.790	64	24682	20.796	ug/l	97
7) Trichlorofluoromethane	3.119	101	57270	20.654	ug/l	99
8) Diethyl Ether	3.527	74	19316	20.784	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.893	101	34014	20.334	ug/l	96
10) Methyl Iodide	4.088	142	41178	19.266	ug/l	97
11) Tert butyl alcohol	4.942	59	25250	111.566	ug/l #	91
12) 1,1-Dichloroethene	3.869	96	31083	20.282	ug/l	94
13) Acrolein	3.729	56	23298	104.890	ug/l	99
14) Allyl chloride	4.472	41	48747	20.348	ug/l	92
15) Acrylonitrile	5.155	53	49286	108.102	ug/l	97
16) Acetone	3.948	43	51542	106.629	ug/l #	88
17) Carbon Disulfide	4.192	76	82535	19.469	ug/l	97
18) Methyl Acetate	4.478	43	37616	22.010	ug/l	92
19) Methyl tert-butyl Ether	5.222	73	90564	20.722	ug/l	100
20) Methylene Chloride	4.716	84	45464	20.745	ug/l	87
21) trans-1,2-Dichloroethene	5.222	96	36663	20.638	ug/l	90
22) Diisopropyl ether	6.118	45	110537	21.101	ug/l	89
23) Vinyl Acetate	6.057	43	289929	103.298	ug/l	95
24) 1,1-Dichloroethane	6.021	63	66749	21.150	ug/l	98
25) 2-Butanone	6.984	43	70224	107.641	ug/l	94
26) 2,2-Dichloropropane	6.978	77	59920	20.423	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	42630	20.433	ug/l	94
28) Bromochloromethane	7.332	49	29420	22.786	ug/l	93
29) Tetrahydrofuran	7.344	42	40401	107.933	ug/l	91
30) Chloroform	7.502	83	70363	21.105	ug/l	98
31) Cyclohexane	7.789	56	56193	20.029	ug/l #	87
32) 1,1,1-Trichloroethane	7.704	97	61799	20.665	ug/l	98
36) 1,1-Dichloropropene	7.917	75	51303	19.637	ug/l	99
37) Ethyl Acetate	7.076	43	28154	21.025	ug/l #	95
38) Carbon Tetrachloride	7.899	117	55196	19.979	ug/l	92
39) Methylcyclohexane	9.185	83	60861	19.122	ug/l	95
40) Benzene	8.161	78	151365	20.464	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.350	41	37293	53.214	ug/l #	17
42) 1,2-Dichloroethane	8.234	62	44180	20.671	ug/l	94
43) Isopropyl Acetate	8.277	43	51268	20.477	ug/l #	92
44) Trichloroethene	8.941	130	40995	19.849	ug/l	95
45) 1,2-Dichloropropane	9.215	63	38975	20.820	ug/l	94
46) Dibromomethane	9.307	93	22794	20.766	ug/l	97
47) Bromodichloromethane	9.496	83	54700	20.605	ug/l	97
48) Methyl methacrylate	9.295	41	22834	19.796	ug/l	86
49) 1,4-Dioxane	9.301	88	5827	424.300	ug/l #	56
51) 4-Methyl-2-Pentanone	10.069	43	140918	106.665	ug/l	91
52) Toluene	10.246	92	97437	20.514	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	55443	20.424	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	63214	20.592	ug/l	89
55) 1,1,2-Trichloroethane	10.648	97	32804	21.034	ug/l	97
56) Ethyl methacrylate	10.514	69	42015	20.962	ug/l #	83
57) 1,3-Dichloropropane	10.794	76	55325	21.221	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	109010	109.249	ug/l	94
59) 2-Hexanone	10.831	43	105549	108.457	ug/l	89
60) Dibromochloromethane	10.990	129	39888	20.886	ug/l	99
61) 1,2-Dibromoethane	11.093	107	30914	20.701	ug/l	98
64) Tetrachloroethene	10.721	164	35807	20.184	ug/l	95
65) Chlorobenzene	11.520	112	106742	20.262	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	40500	20.586	ug/l	99
67) Ethyl Benzene	11.593	91	186508	19.932	ug/l	98
68) m/p-Xylenes	11.703	106	145564	40.198	ug/l	96
69) o-Xylene	12.032	106	69881	20.157	ug/l	96
70) Styrene	12.044	104	118293	20.470	ug/l	95
71) Bromoform	12.209	173	24958	20.826	ug/l #	97
73) Isopropylbenzene	12.331	105	188246	19.744	ug/l	100
74) N-amyl acetate	12.148	43	45729	19.670	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	41040	21.057	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	50104	36.224	ug/l #	100
77) Bromobenzene	12.611	156	44962	20.206	ug/l	97
78) n-propylbenzene	12.672	91	227139	19.675	ug/l	99
79) 2-Chlorotoluene	12.757	91	129465	20.024	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	156458	19.765	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	13210	20.754	ug/l	91
82) 4-Chlorotoluene	12.855	91	132643	19.782	ug/l	99
83) tert-Butylbenzene	13.074	119	136092	19.341	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	157761	20.179	ug/l	98
85) sec-Butylbenzene	13.257	105	208150	19.862	ug/l	100
86) p-Isopropyltoluene	13.373	119	171799	19.646	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	91119	20.280	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	89447	20.143	ug/l	99
89) n-Butylbenzene	13.696	91	163889	20.091	ug/l	97
90) Hexachloroethane	13.965	117	33298	19.558	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	81910	20.590	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6367	20.809	ug/l	89
93) 1,2,4-Trichlorobenzene	15.007	180	49078	19.941	ug/l	98
94) Hexachlorobutadiene	15.117	225	27824	19.479	ug/l	99
95) Naphthalene	15.239	128	94915	19.775	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	43047	20.282	ug/l	98

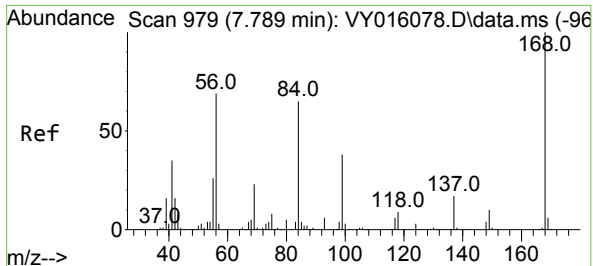
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Response via : Initial Calibration

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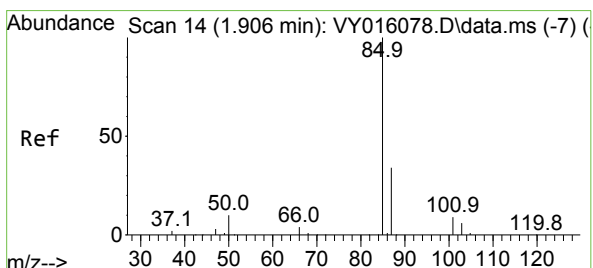
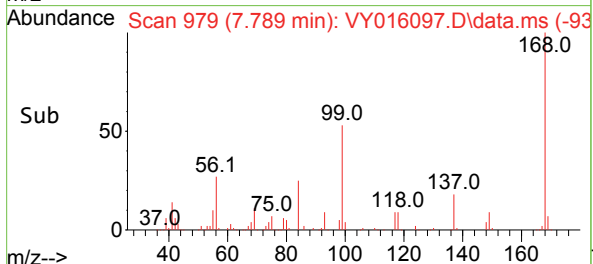
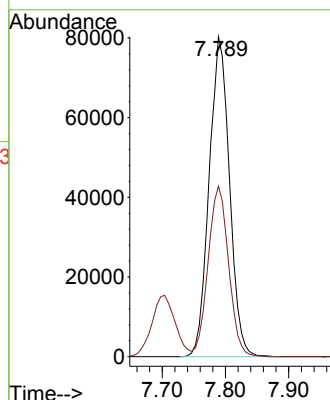
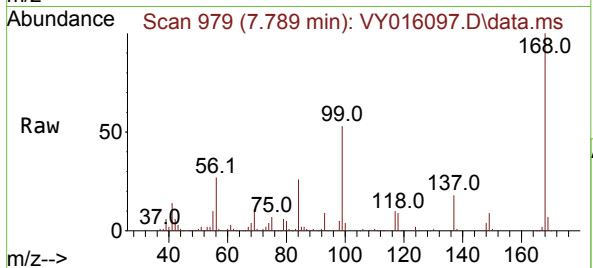
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

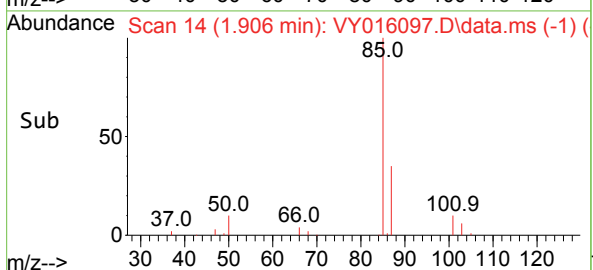
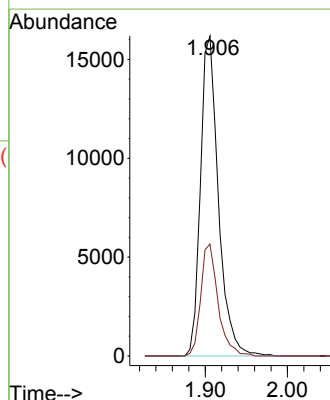
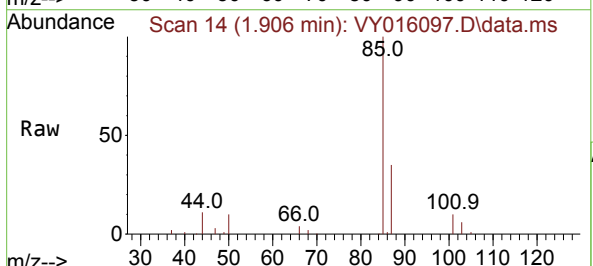
Instrument :
MSVOA_Y
ClientSampleId :

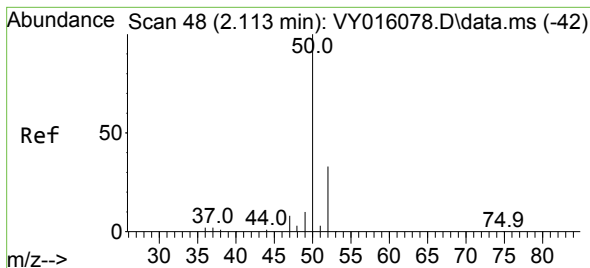
Tgt Ion:168 Resp: 179348
Ion Ratio Lower Upper
168 100
99 53.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.793 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion: 85 Resp: 24499
Ion Ratio Lower Upper
85 100
87 35.0 15.6 46.8





#3

Chloromethane

Concen: 20.319 ug/l

RT: 2.113 min Scan# 41

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

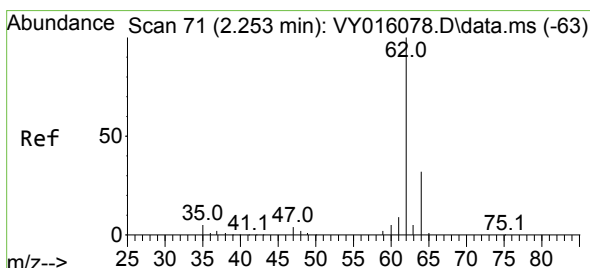
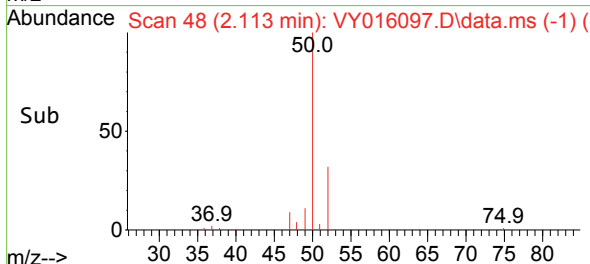
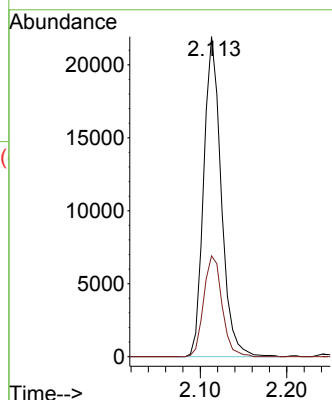
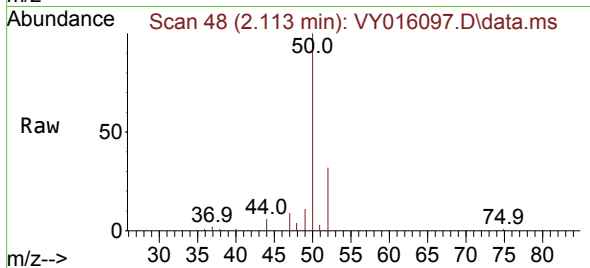
ClientSampleId :

Tgt Ion: 50 Resp: 30818

Ion Ratio Lower Upper

50 100

52 31.5 25.4 38.2



#4

Vinyl Chloride

Concen: 20.051 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY016097.D

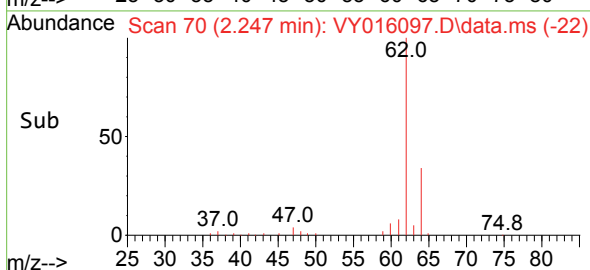
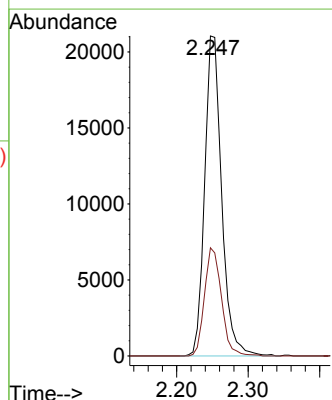
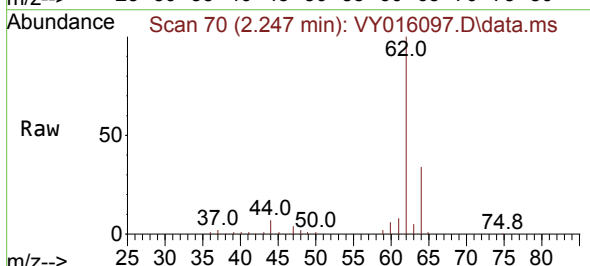
Acq: 27 Oct 2023 11:23

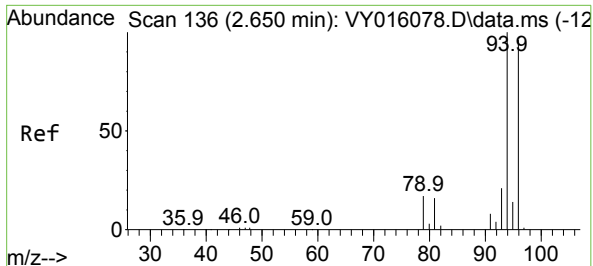
Tgt Ion: 62 Resp: 34742

Ion Ratio Lower Upper

62 100

64 33.8 24.3 36.5





#5

Bromomethane

Concen: 20.678 ug/l

RT: 2.637 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

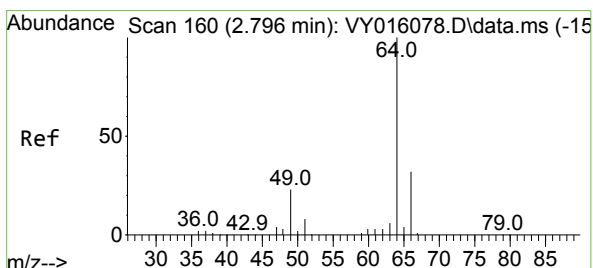
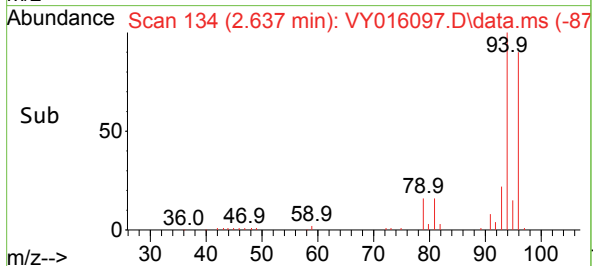
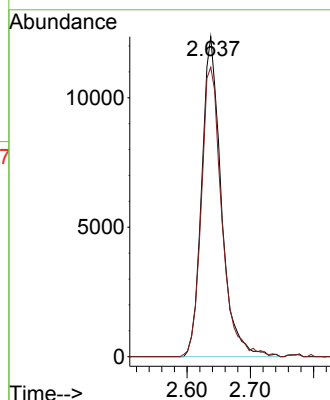
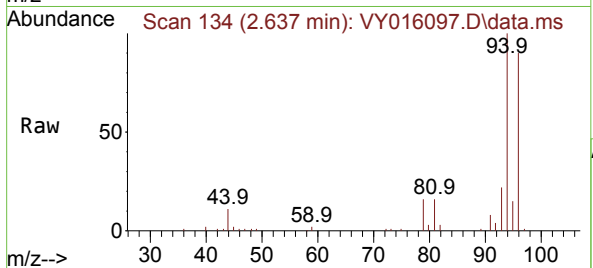
ClientSampleId :

Tgt Ion: 94 Resp: 26631

Ion Ratio Lower Upper

94 100

96 90.4 75.8 113.6



#6

Chloroethane

Concen: 20.796 ug/l

RT: 2.790 min Scan# 159

Delta R.T. -0.006 min

Lab File: VY016097.D

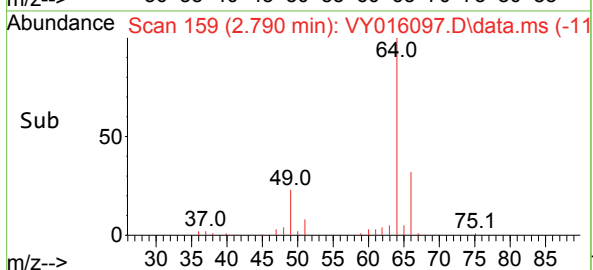
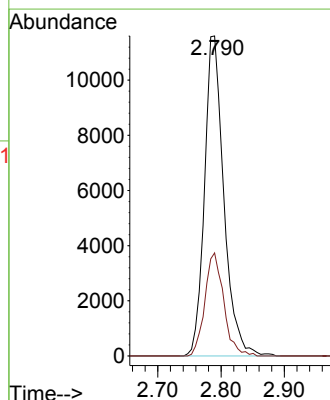
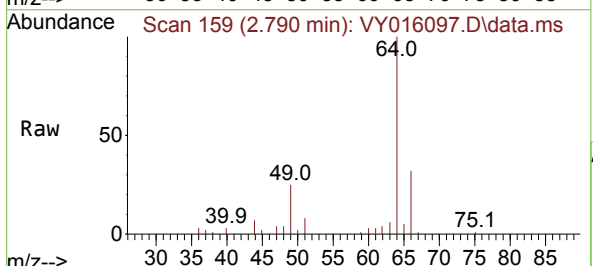
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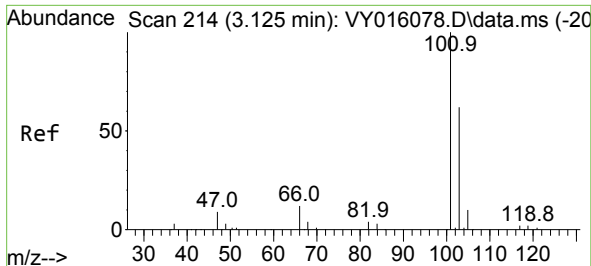
Tgt Ion: 64 Resp: 24682

Ion Ratio Lower Upper

64 100

66 32.2 24.4 36.6

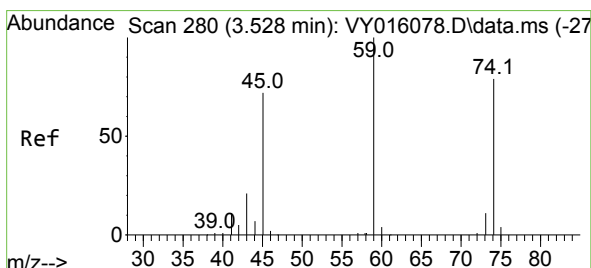
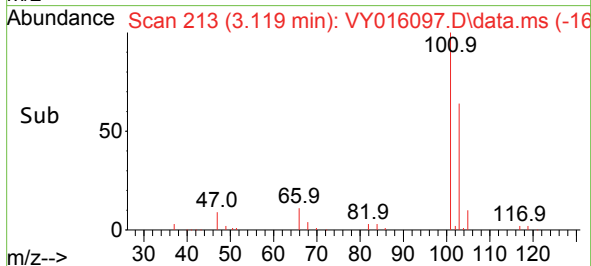
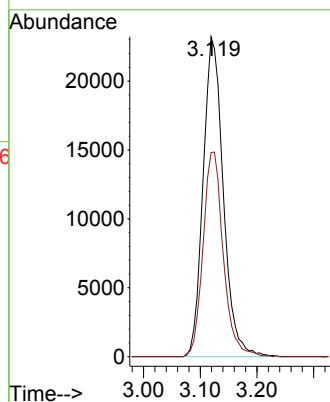
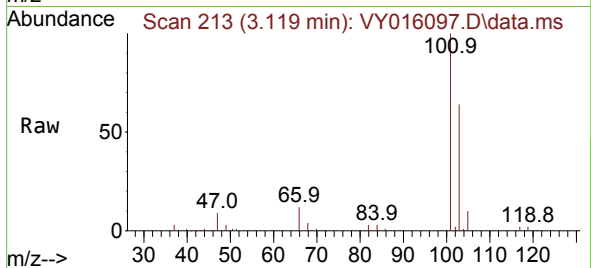




#7
Trichlorofluoromethane
Concen: 20.654 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

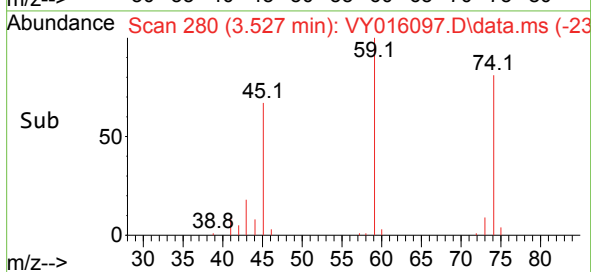
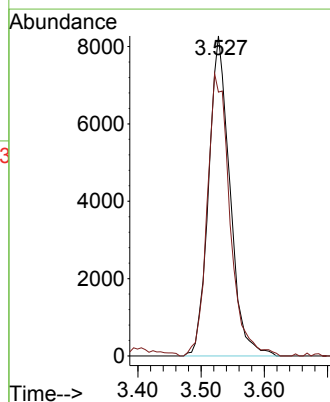
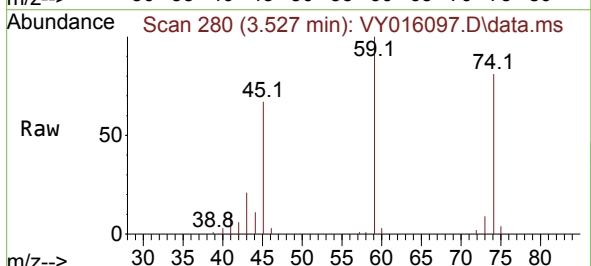
Instrument :
MSVOA_Y
ClientSampleId :

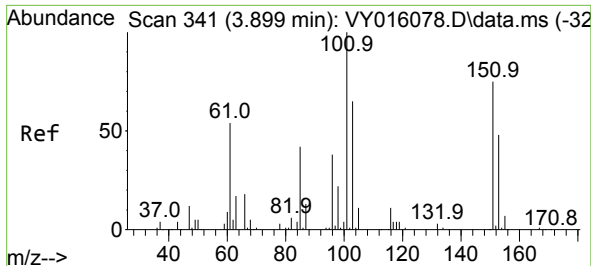
Tgt Ion:101 Resp: 57270
Ion Ratio Lower Upper
101 100
103 63.8 51.4 77.0



#8
Diethyl Ether
Concen: 20.784 ug/l
RT: 3.527 min Scan# 280
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion: 74 Resp: 19316
Ion Ratio Lower Upper
74 100
45 93.9 51.5 154.5

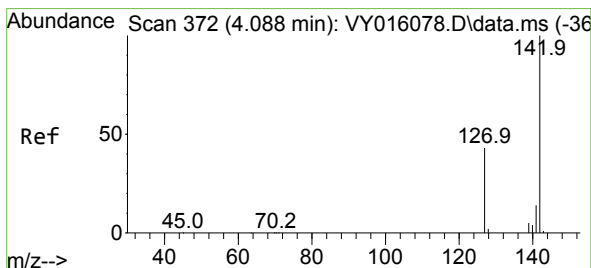
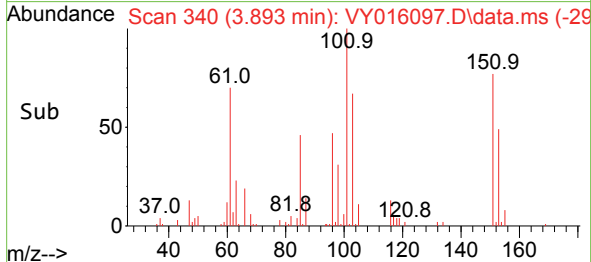
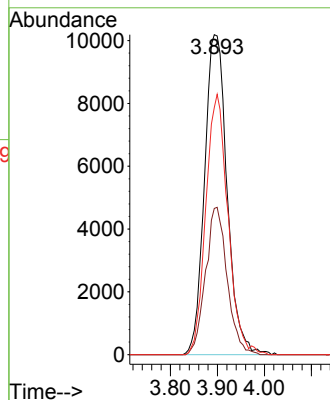
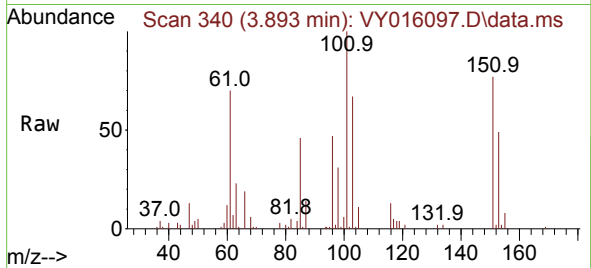




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.334 ug/l
RT: 3.893 min Scan# 341
Delta R.T. -0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

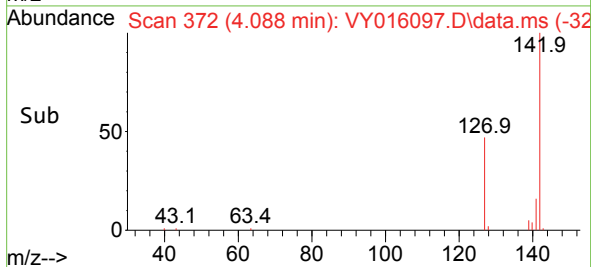
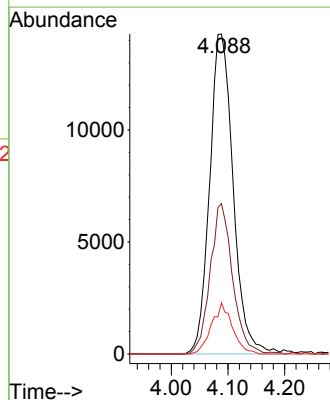
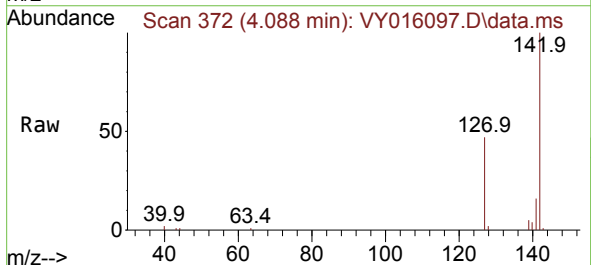
Instrument :
MSVOA_Y
ClientSampleId :

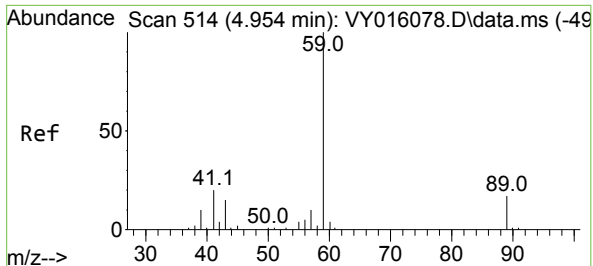
Tgt Ion:101 Resp: 34014
Ion Ratio Lower Upper
101 100
85 44.1 36.6 55.0
151 79.7 67.0 100.6



#10
Methyl Iodide
Concen: 19.266 ug/l
RT: 4.088 min Scan# 372
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion:142 Resp: 41178
Ion Ratio Lower Upper
142 100
127 44.6 37.6 56.4
141 14.1 11.8 17.8





#11

Tert butyl alcohol

Concen: 111.566 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

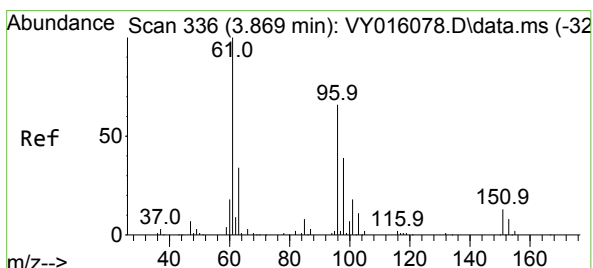
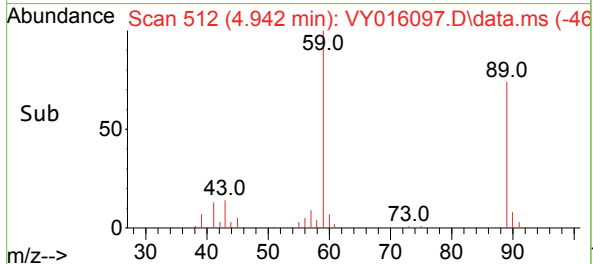
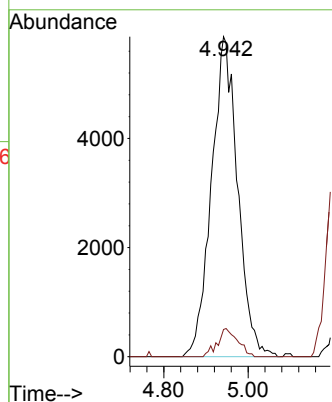
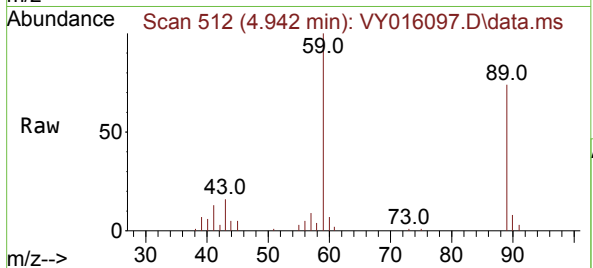
ClientSampleId :

Tgt Ion: 59 Resp: 25250

Ion Ratio Lower Upper

59 100

57 6.8 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 20.282 ug/l

RT: 3.869 min Scan# 336

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

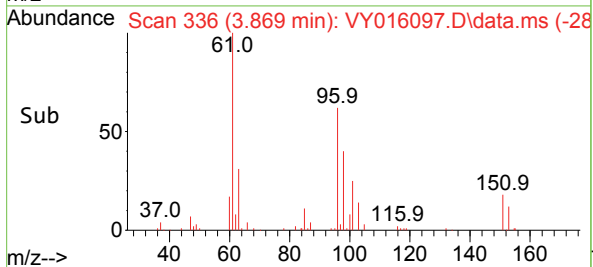
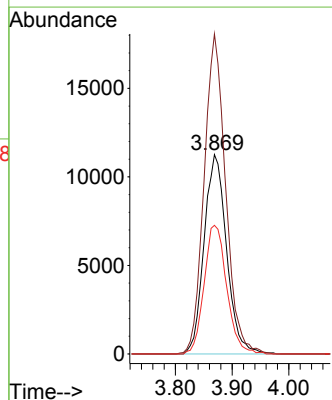
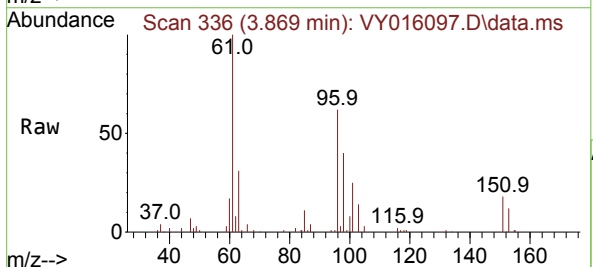
Tgt Ion: 96 Resp: 31083

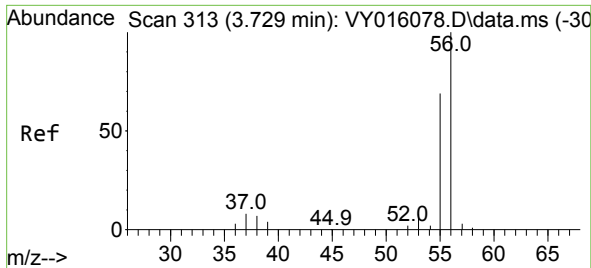
Ion Ratio Lower Upper

96 100

61 160.5 136.4 204.6

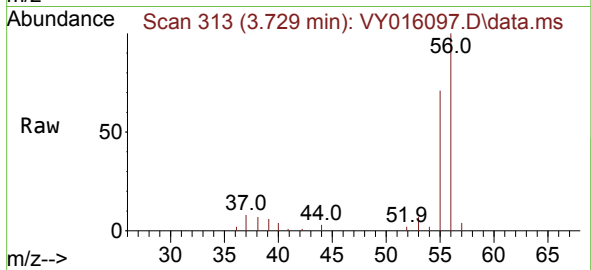
98 64.5 49.4 74.2



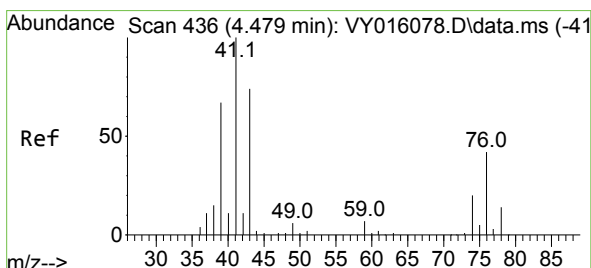
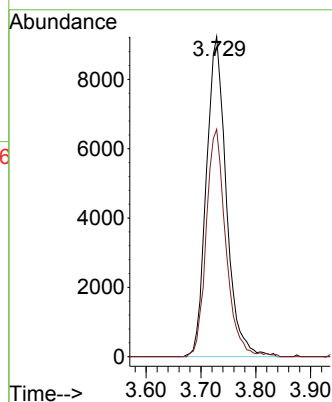
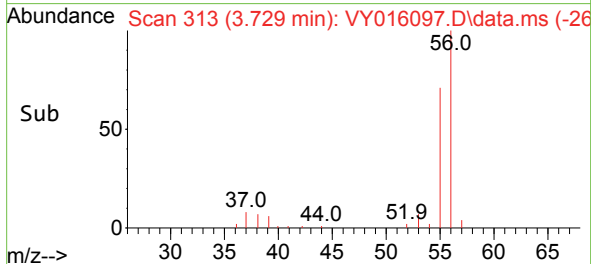


#13
Acrolein
Concen: 104.890 ug/l
RT: 3.729 min Scan# 313
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

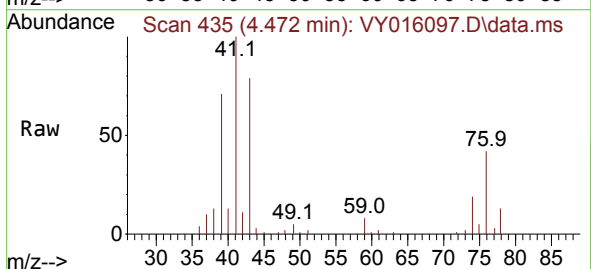
Instrument :
MSVOA_Y
ClientSampleId :



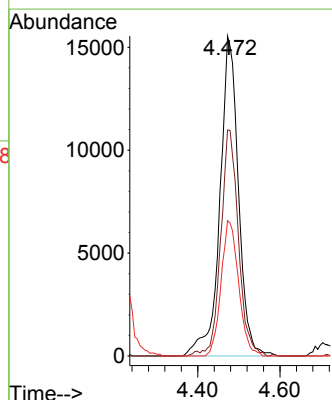
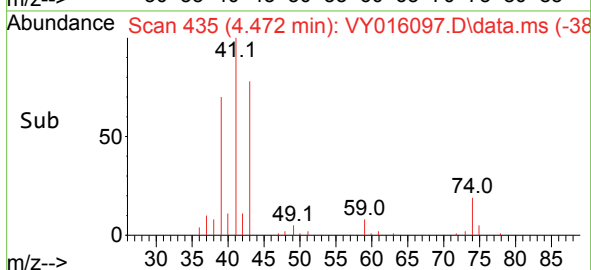
Tgt Ion: 56 Resp: 23298
Ion Ratio Lower Upper
56 100
55 70.2 57.0 85.4

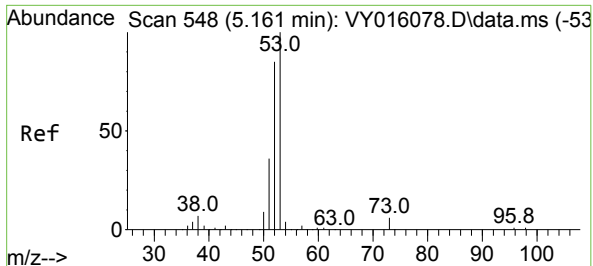


#14
Allyl chloride
Concen: 20.348 ug/l
RT: 4.472 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23



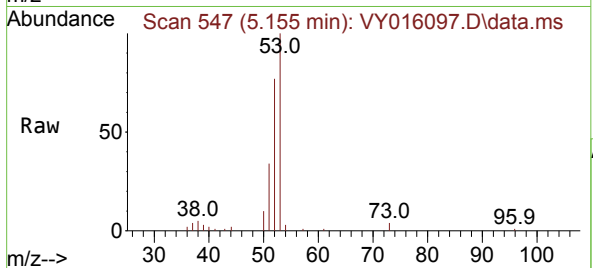
Tgt Ion: 41 Resp: 48747
Ion Ratio Lower Upper
41 100
39 66.5 58.0 87.0
76 39.9 27.4 41.2



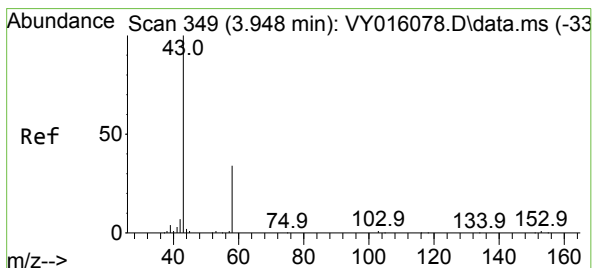
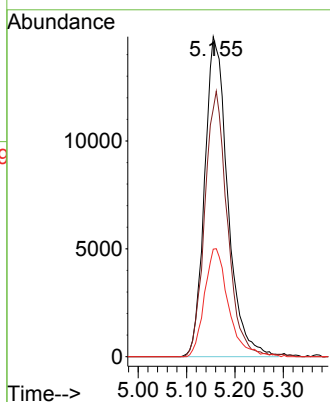
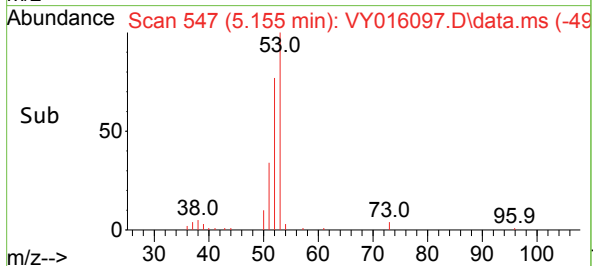


#15
Acrylonitrile
Concen: 108.102 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :

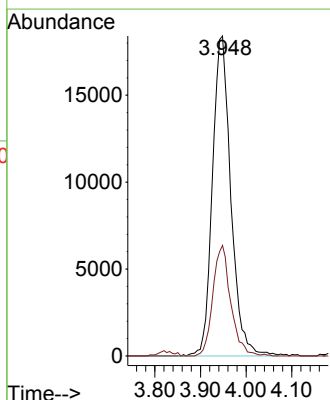
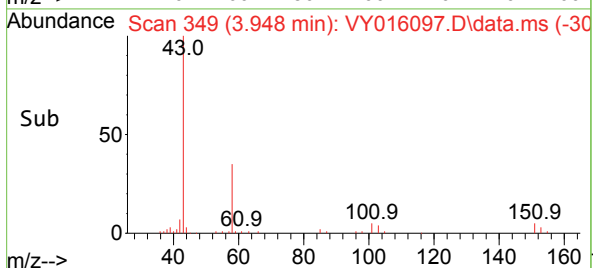
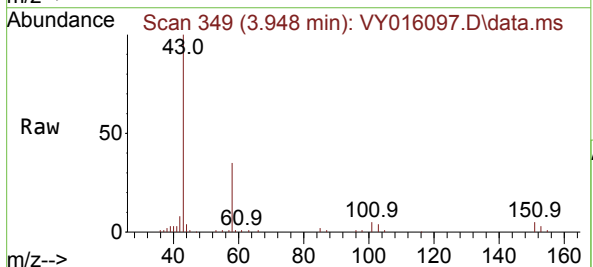


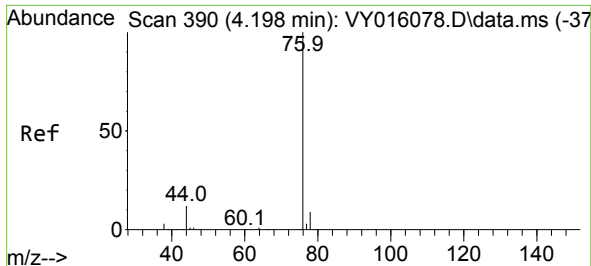
Tgt Ion:	53	Resp:	49286
Ion	Ratio	Lower	Upper
53	100		
52	81.2	66.9	100.3
51	35.2	29.8	44.6



#16
Acetone
Concen: 106.629 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion:	43	Resp:	51542
Ion	Ratio	Lower	Upper
43	100		
58	34.5	22.7	34.1#

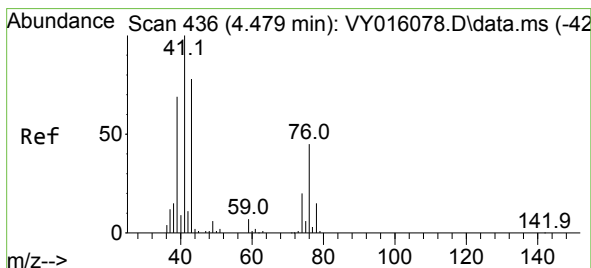
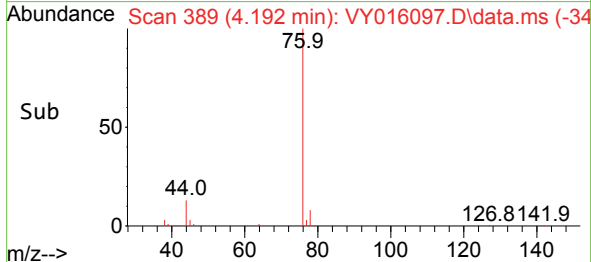
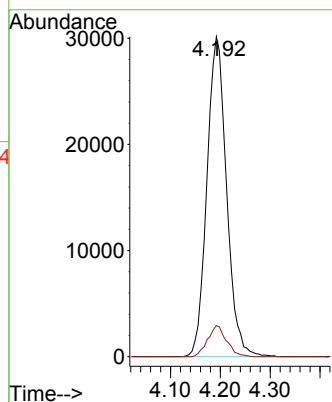
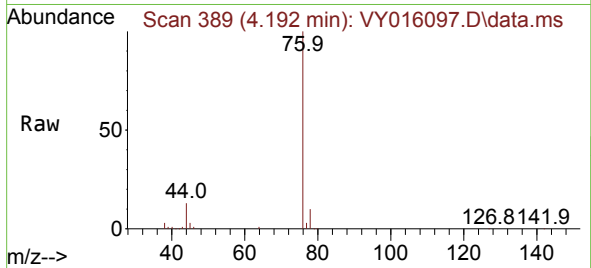




#17
Carbon Disulfide
Concen: 19.469 ug/l
RT: 4.192 min Scan# 390
Delta R.T. -0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

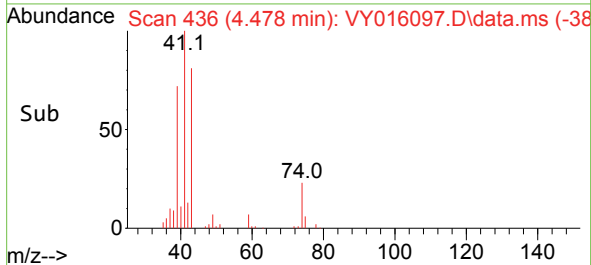
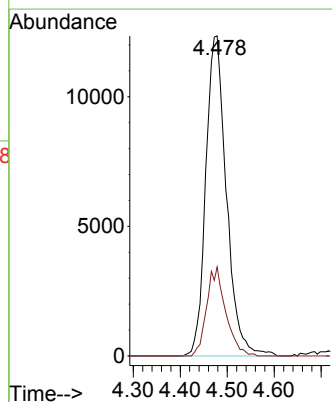
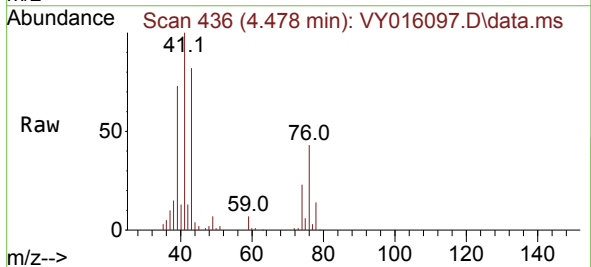
Instrument :
MSVOA_Y
ClientSampleId :

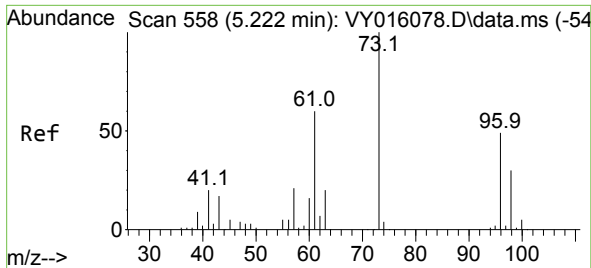
Tgt Ion: 76 Resp: 82535
Ion Ratio Lower Upper
76 100
78 9.7 7.0 10.4



#18
Methyl Acetate
Concen: 22.010 ug/l
RT: 4.478 min Scan# 436
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion: 43 Resp: 37616
Ion Ratio Lower Upper
43 100
74 25.7 17.4 26.0

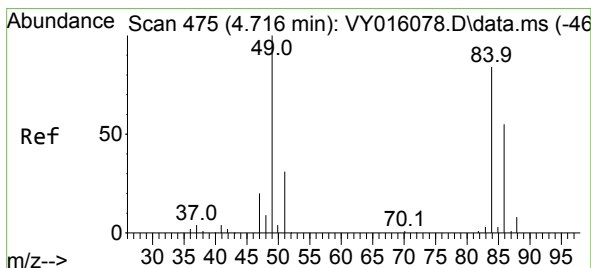
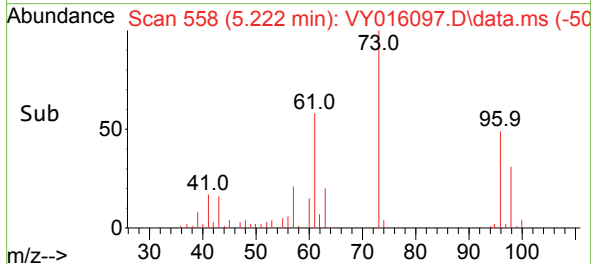
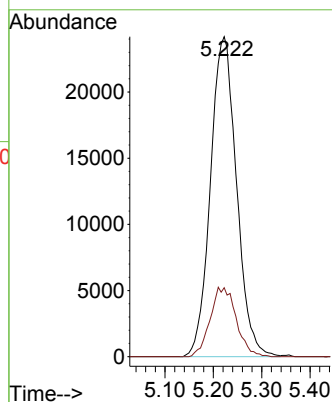
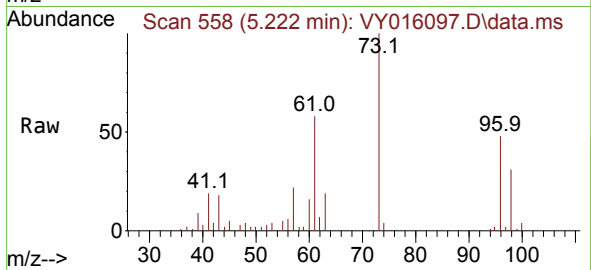




#19
Methyl tert-butyl Ether
Concen: 20.722 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

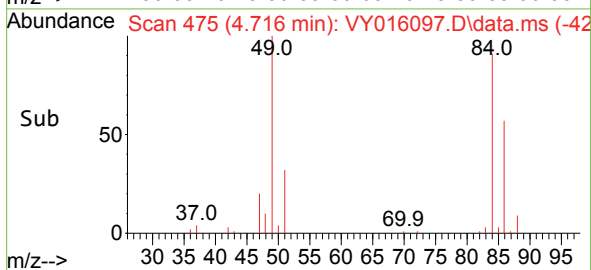
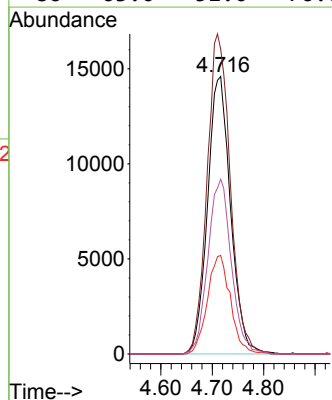
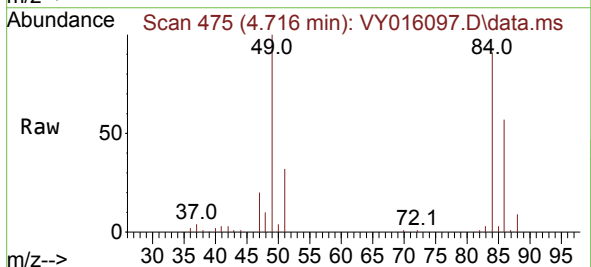
Instrument :
MSVOA_Y
ClientSampleId :

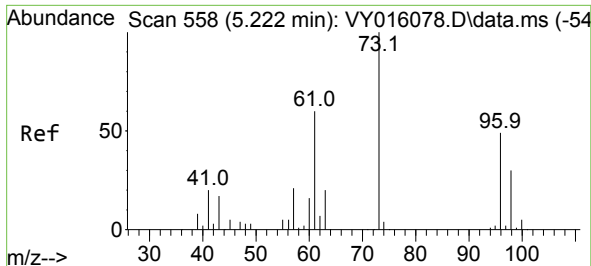
Tgt Ion: 73 Resp: 90564
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 20.745 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

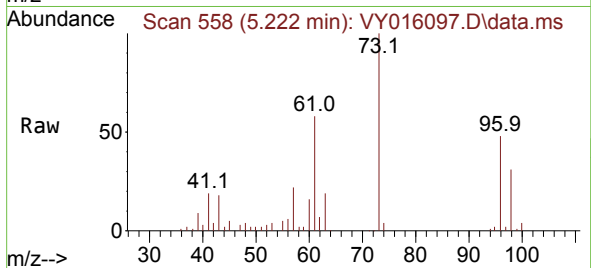
Tgt Ion: 84 Resp: 45464
Ion Ratio Lower Upper
84 100
49 109.9 106.9 160.3
51 35.5 33.2 49.8
86 63.0 51.0 76.6



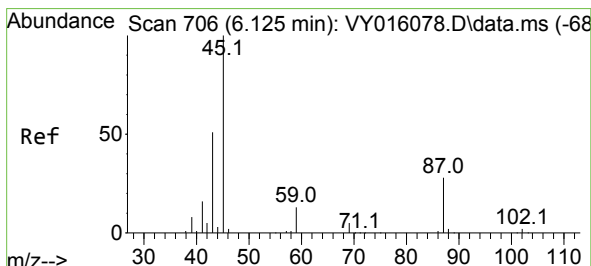
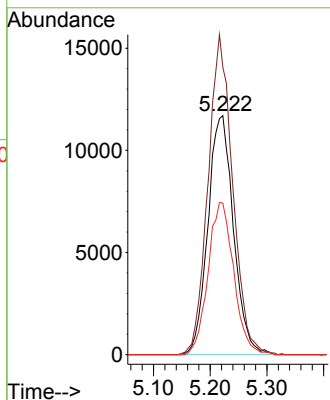
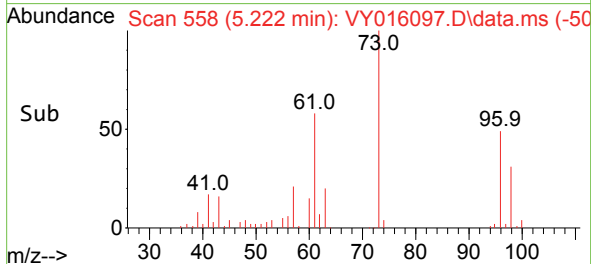


#21
trans-1,2-Dichloroethene
Concen: 20.638 ug/l
RT: 5.222 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

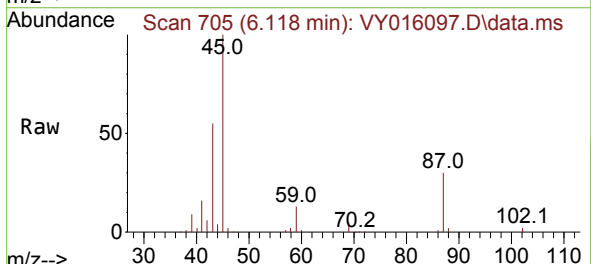
Instrument :
MSVOA_Y
ClientSampleId :



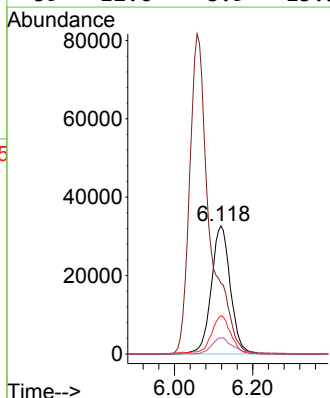
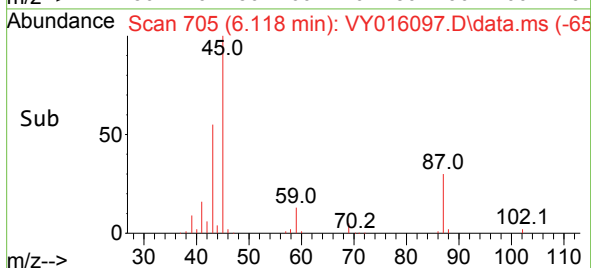
Tgt Ion: 96 Resp: 36663
Ion Ratio Lower Upper
96 100
61 120.2 110.2 165.4
98 63.4 51.8 77.6

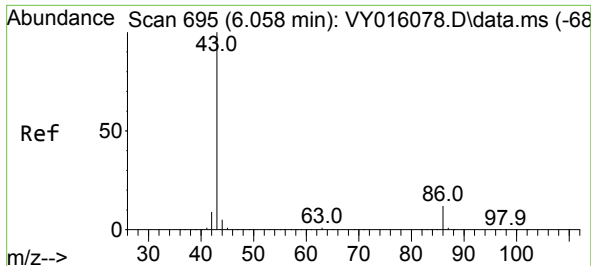


#22
Diisopropyl ether
Concen: 21.101 ug/l
RT: 6.118 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23



Tgt Ion: 45 Resp: 110537
Ion Ratio Lower Upper
45 100
43 54.9 52.2 78.4
87 29.9 21.0 31.6
59 12.6 8.9 13.3

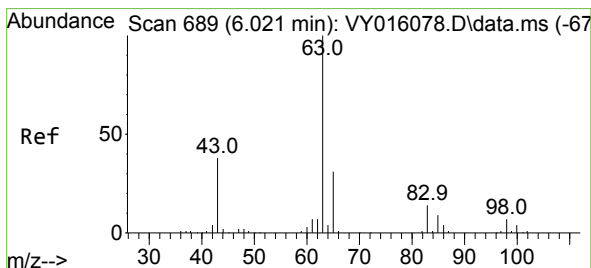
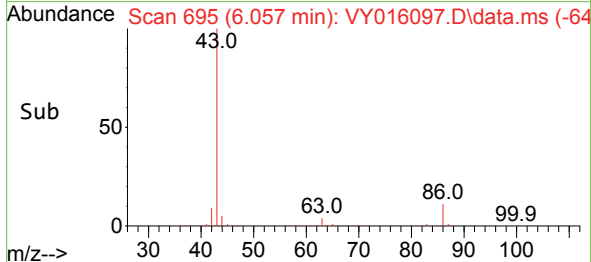
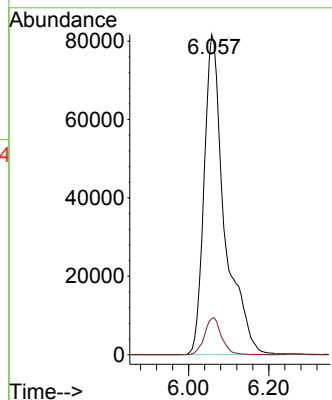
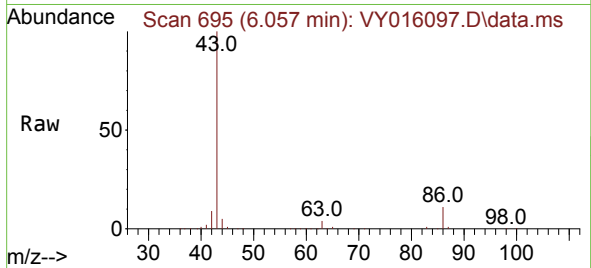




#23
 Vinyl Acetate
 Concen: 103.298 ug/l
 RT: 6.057 min Scan# 61
 Delta R.T. -0.000 min
 Lab File: VY016097.D
 Acq: 27 Oct 2023 11:23

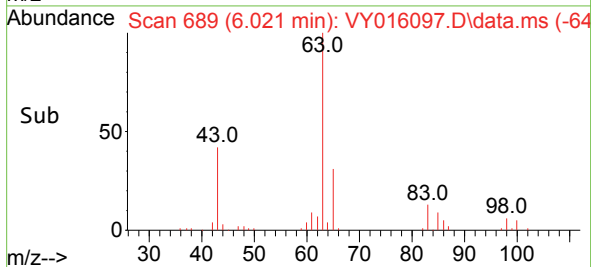
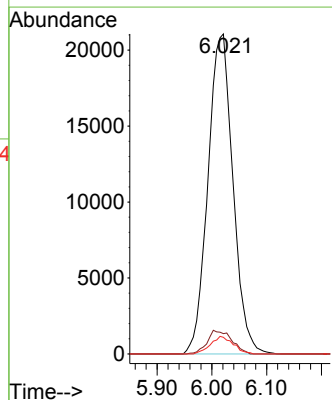
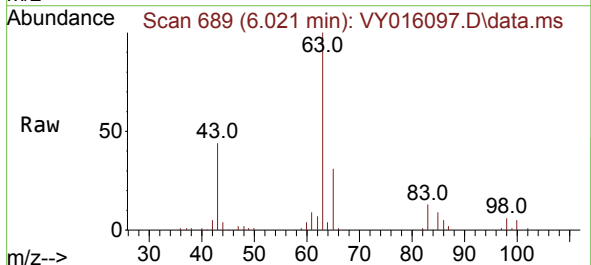
Instrument :
 MSVOA_Y
 ClientSampleId :

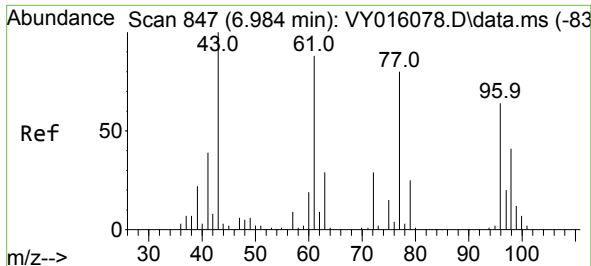
Tgt Ion: 43 Resp: 289929
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 21.150 ug/l
 RT: 6.021 min Scan# 689
 Delta R.T. -0.000 min
 Lab File: VY016097.D
 Acq: 27 Oct 2023 11:23

Tgt Ion: 63 Resp: 66749
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.1 9.4
 100 5.2 1.8 5.5

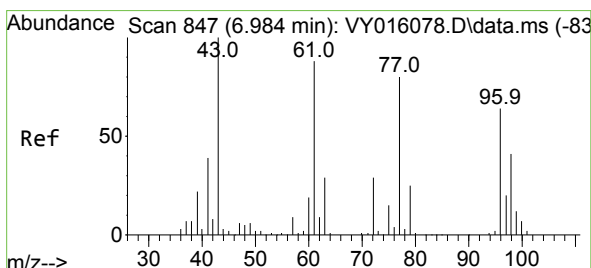
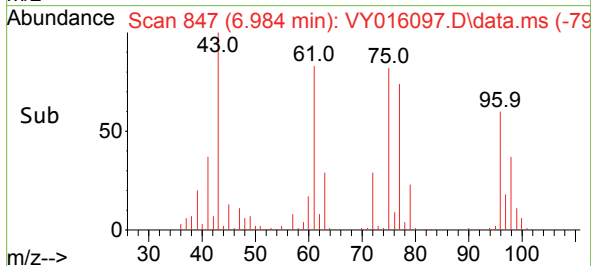
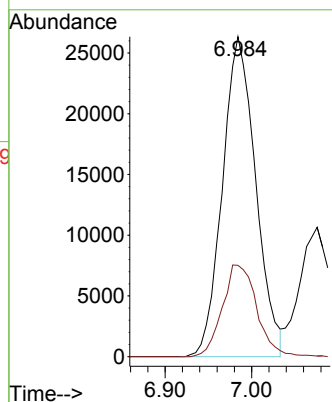
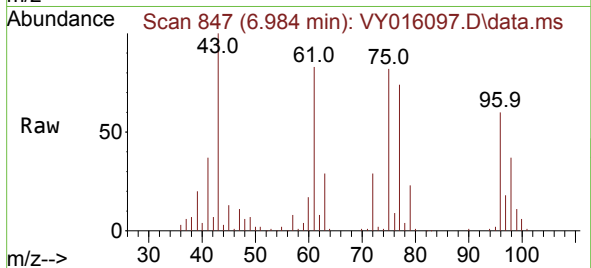




#25
2-Butanone
Concen: 107.641 ug/l
RT: 6.984 min Scan# 847
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

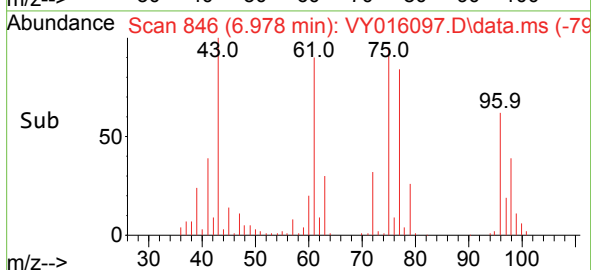
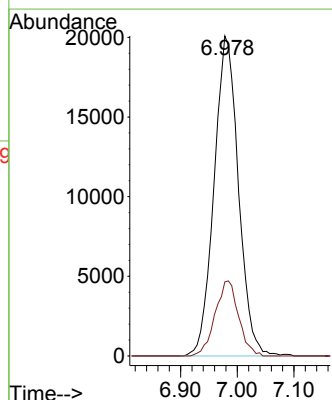
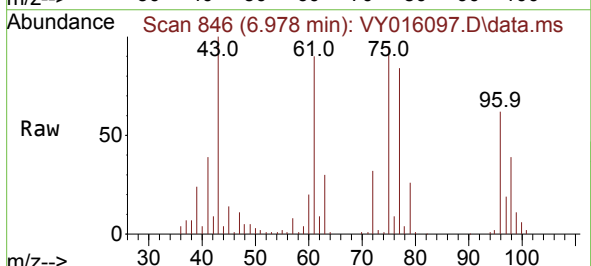
Instrument :
MSVOA_Y
ClientSampleId :

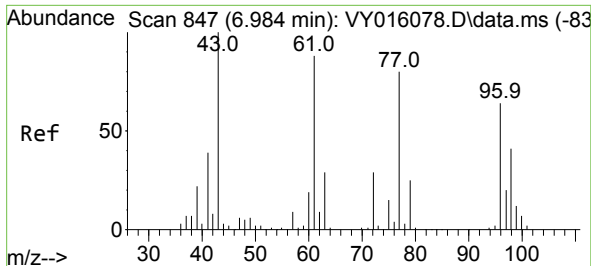
Tgt Ion: 43 Resp: 70224
Ion Ratio Lower Upper
43 100
72 28.5 20.5 30.7



#26
2,2-Dichloropropane
Concen: 20.423 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

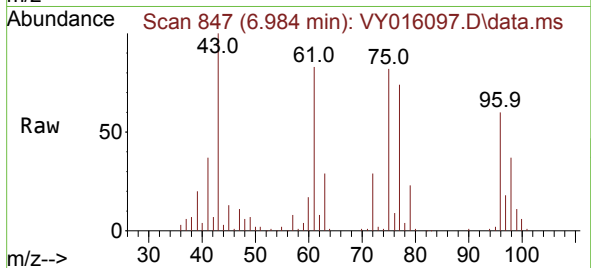
Tgt Ion: 77 Resp: 59920
Ion Ratio Lower Upper
77 100
97 22.5 10.9 32.9



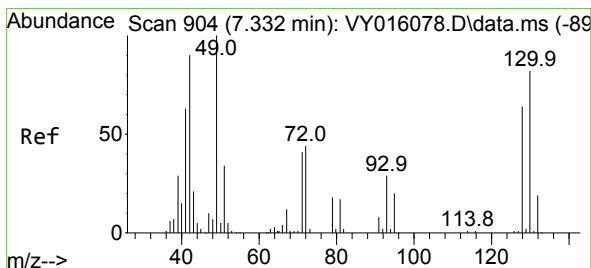
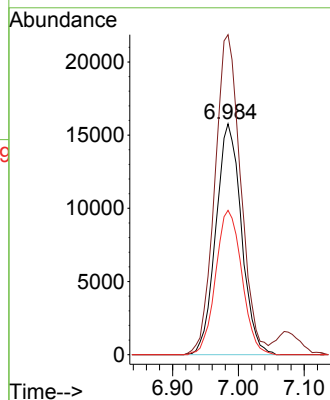
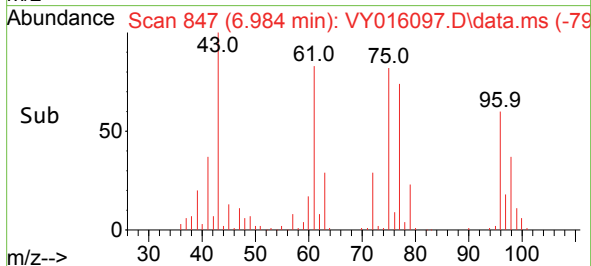


#27
 cis-1,2-Dichloroethene
 Concen: 20.433 ug/l
 RT: 6.984 min Scan# 847
 Delta R.T. -0.000 min
 Lab File: VY016097.D
 Acq: 27 Oct 2023 11:23

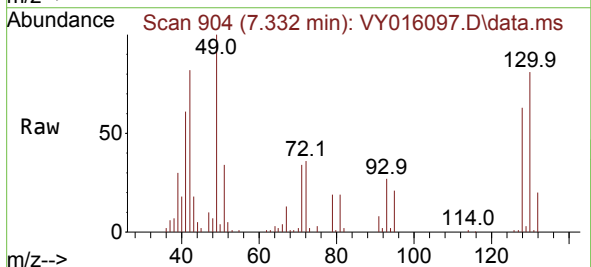
Instrument :
 MSVOA_Y
 ClientSampleId :



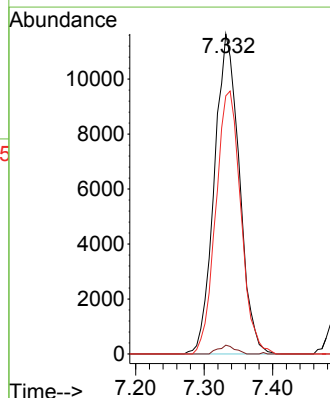
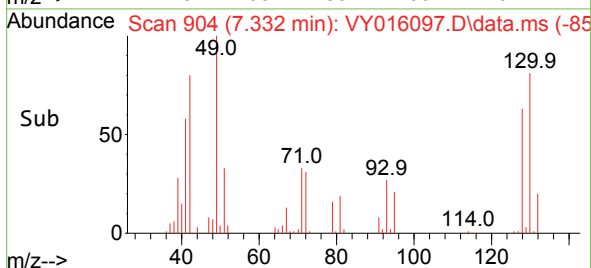
Tgt Ion:	96	Resp:	42630
Ion	Ratio	Lower	Upper
96	100		
61	140.9	0.0	301.4
98	64.3	0.0	130.4

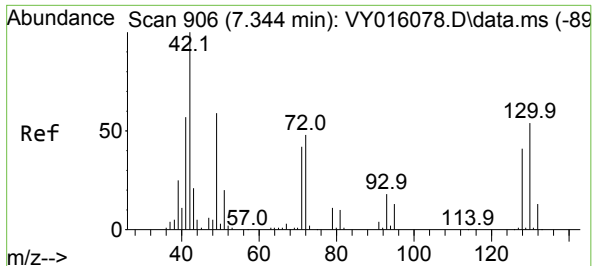


#28
 Bromochloromethane
 Concen: 22.786 ug/l
 RT: 7.332 min Scan# 904
 Delta R.T. -0.000 min
 Lab File: VY016097.D
 Acq: 27 Oct 2023 11:23



Tgt Ion:	49	Resp:	29420
Ion	Ratio	Lower	Upper
49	100		
129	1.8	0.0	4.6
130	82.4	60.7	91.1





#29

Tetrahydrofuran

Concen: 107.933 ug/l

RT: 7.344 min Scan# 906

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

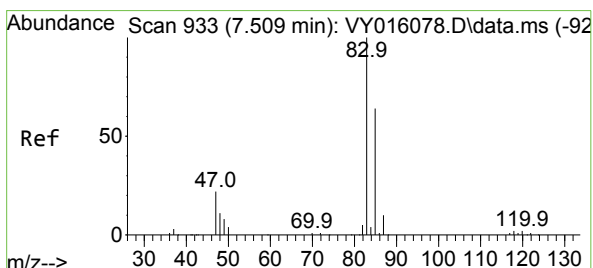
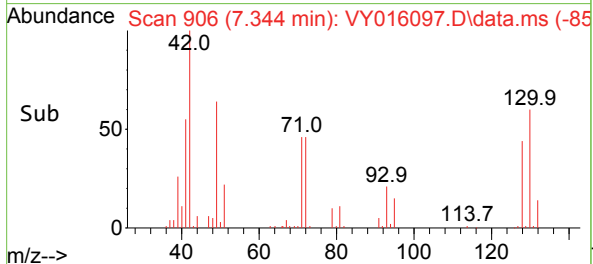
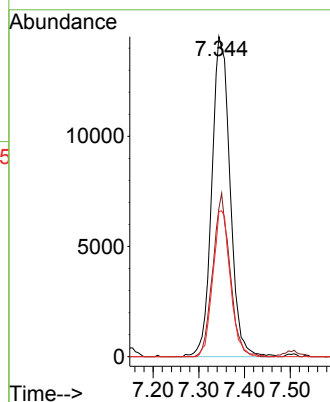
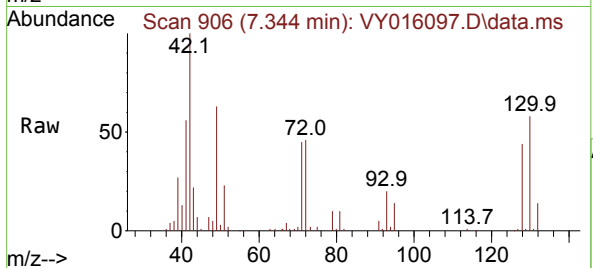
Tgt Ion: 42 Resp: 40401

Ion Ratio Lower Upper

42 100

72 47.5 32.8 49.2

71 43.7 31.0 46.4



#30

Chloroform

Concen: 21.105 ug/l

RT: 7.502 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY016097.D

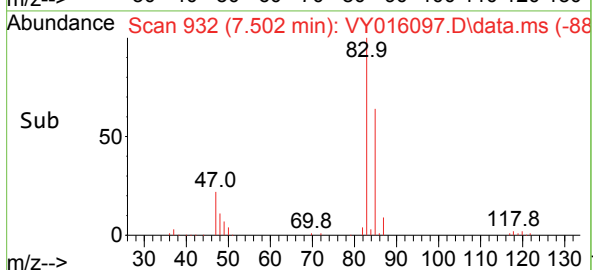
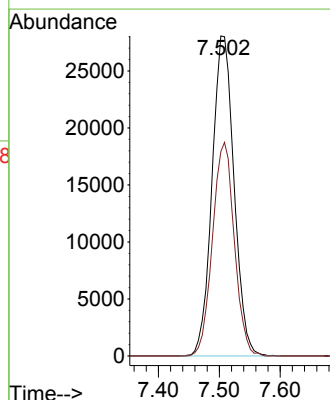
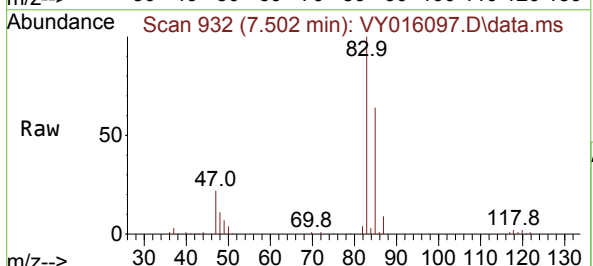
Acq: 27 Oct 2023 11:23

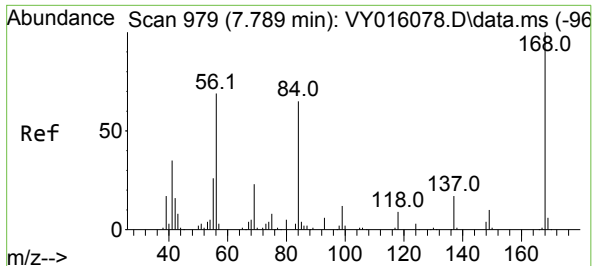
Tgt Ion: 83 Resp: 70363

Ion Ratio Lower Upper

83 100

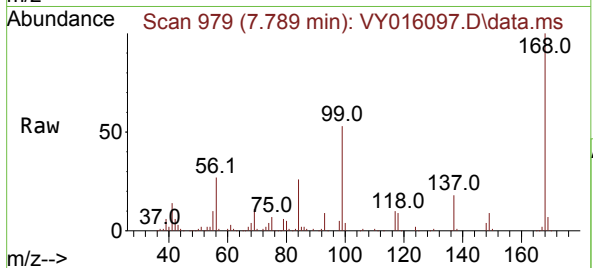
85 63.8 49.7 74.5



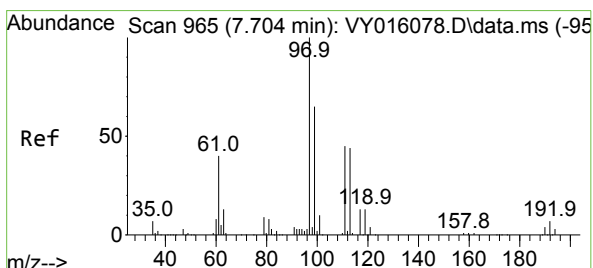
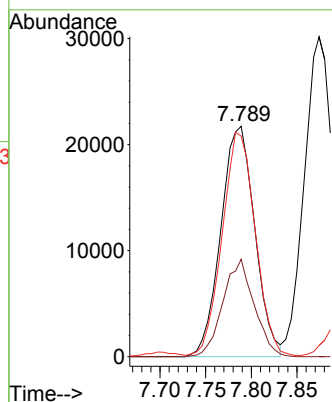
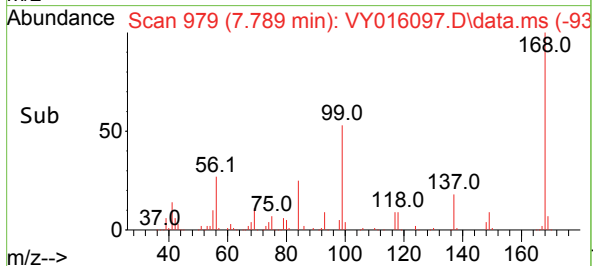


#31
Cyclohexane
Concen: 20.029 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :

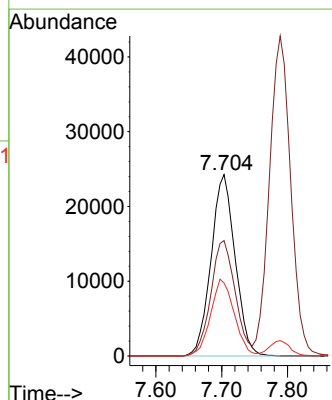
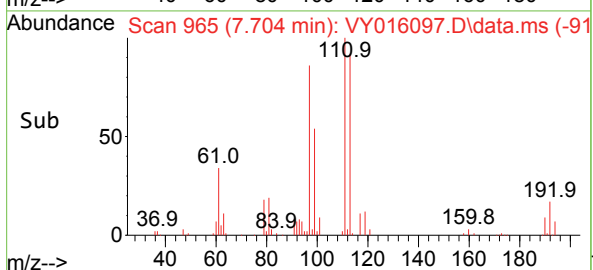
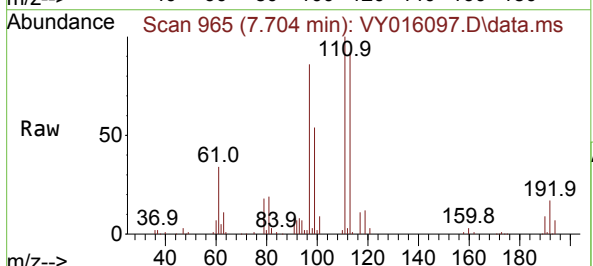


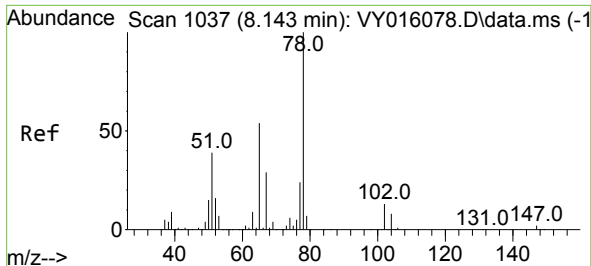
Tgt Ion: 56 Resp: 56193
Ion Ratio Lower Upper
56 100
69 42.3 27.8 41.6#
84 94.8 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.665 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion: 97 Resp: 61799
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 41.6 35.1 52.7

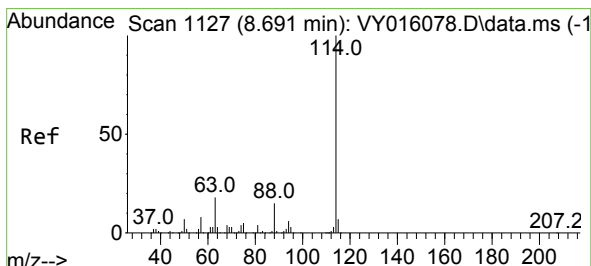
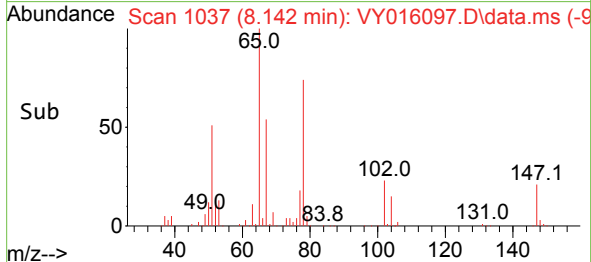
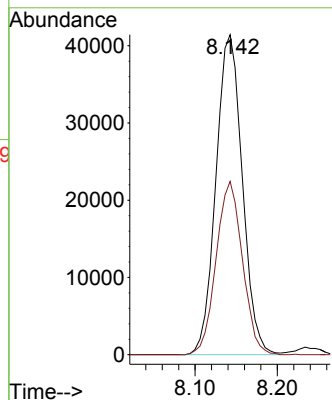
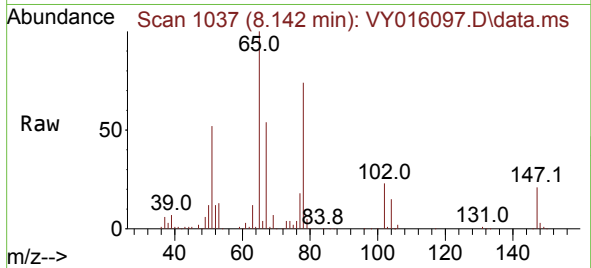




#33
 1,2-Dichloroethane-d4
 Concen: 51.856 ug/l
 RT: 8.142 min Scan# 1103
 Delta R.T. -0.000 min
 Lab File: VY016097.D
 Acq: 27 Oct 2023 11:23

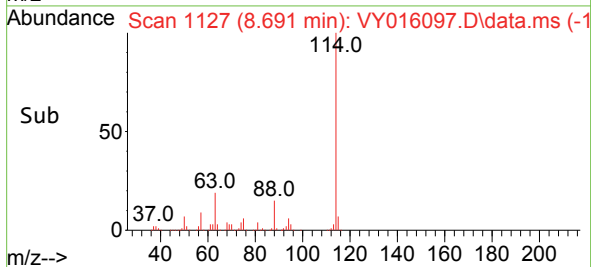
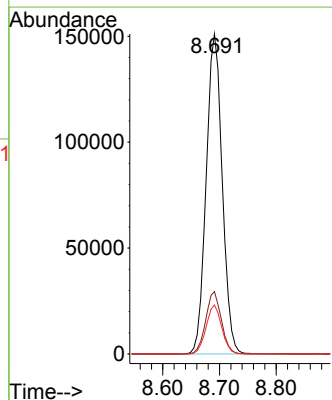
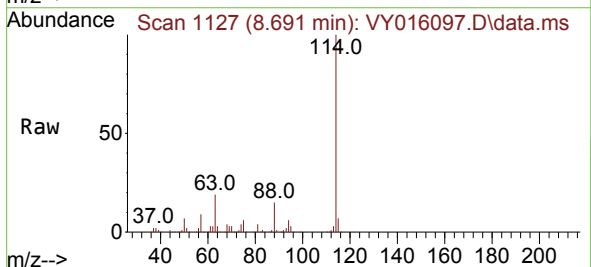
Instrument :
 MSVOA_Y
 ClientSampleId :

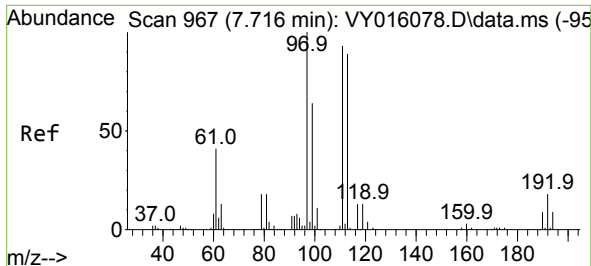
Tgt Ion: 65 Resp: 92479
 Ion Ratio Lower Upper
 65 100
 67 54.0 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. -0.000 min
 Lab File: VY016097.D
 Acq: 27 Oct 2023 11:23

Tgt Ion:114 Resp: 296884
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 42.4
 88 15.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.233 ug/l

RT: 7.716 min Scan# 9

Delta R.T. -0.000 min

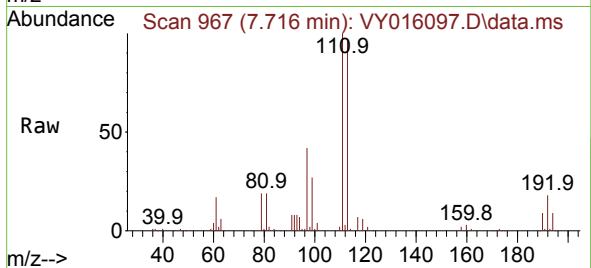
Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :



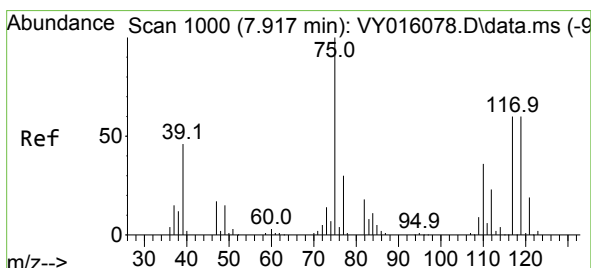
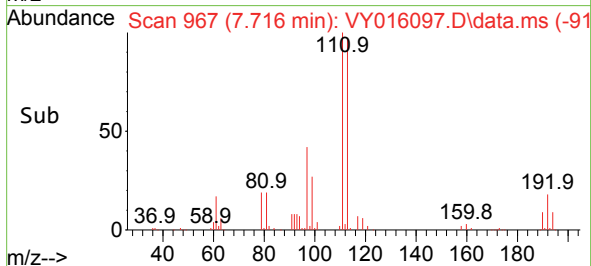
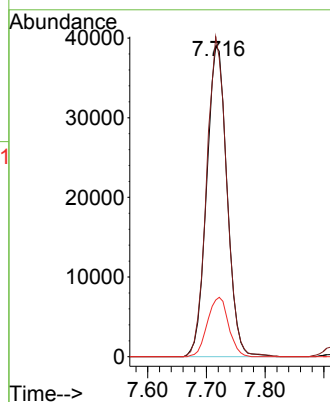
Tgt Ion:113 Resp: 94148

Ion Ratio Lower Upper

113 100

111 101.4 81.3 121.9

192 19.7 16.9 25.3



#36

1,1-Dichloropropene

Concen: 19.637 ug/l

RT: 7.917 min Scan# 1000

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

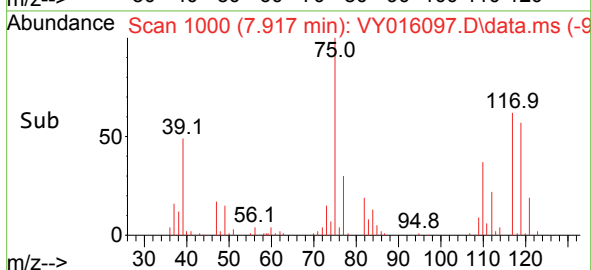
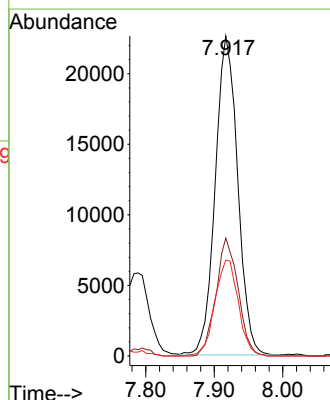
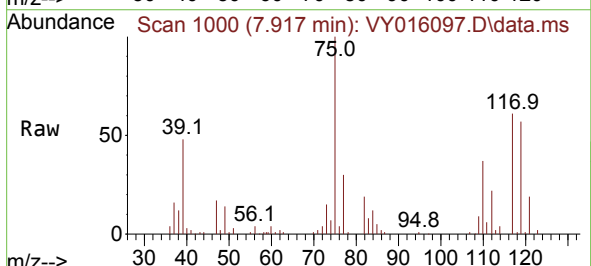
Tgt Ion: 75 Resp: 51303

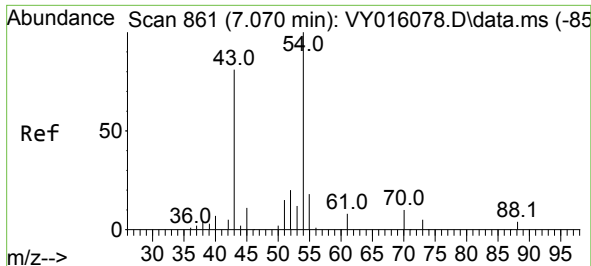
Ion Ratio Lower Upper

75 100

110 36.4 17.8 53.5

77 31.5 24.4 36.6





#37

Ethyl Acetate

Concen: 21.025 ug/l

RT: 7.076 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY016097.D

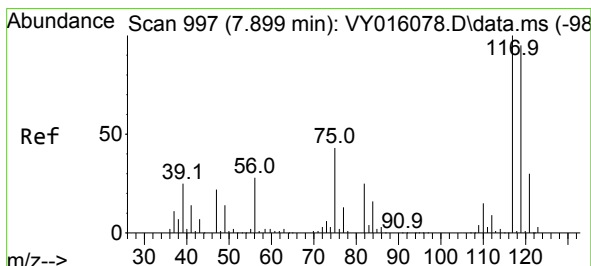
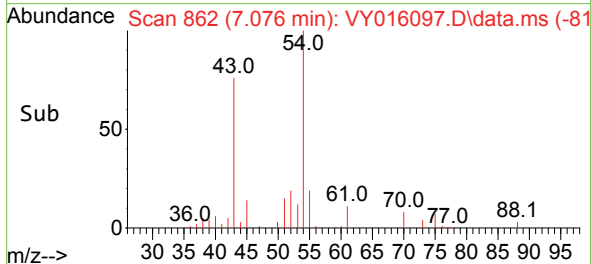
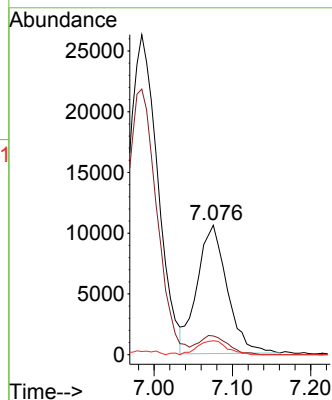
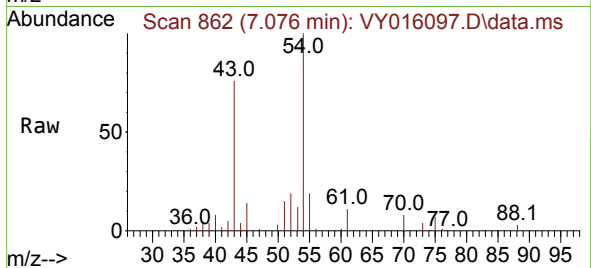
Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 28154
Ion Ratio	Lower Upper
43	100
61	14.5 10.1 15.1
70	10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 19.979 ug/l

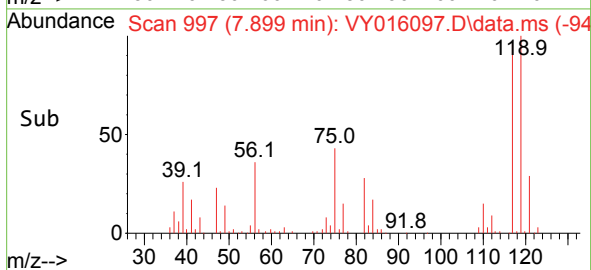
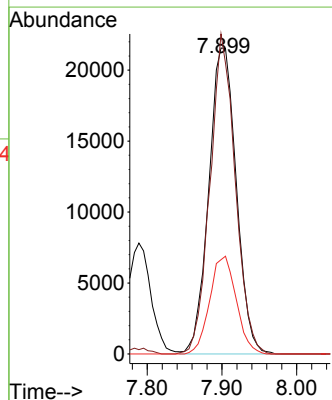
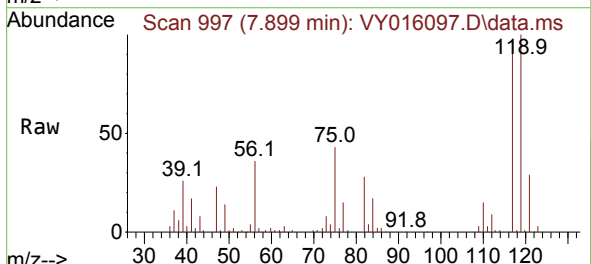
RT: 7.899 min Scan# 997

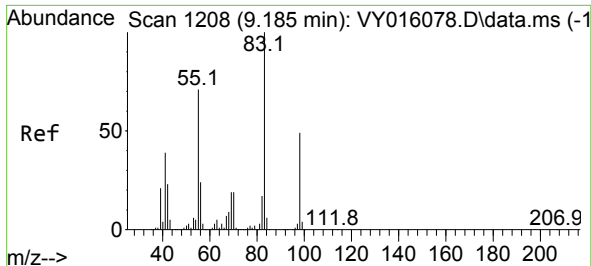
Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Tgt Ion: 117	Resp: 55196
Ion Ratio	Lower Upper
117	100
119	104.6 76.4 114.6
121	30.8 25.8 38.6





#39

Methylcyclohexane

Concen: 19.122 ug/l

RT: 9.185 min Scan# 11

Delta R.T. -0.000 min

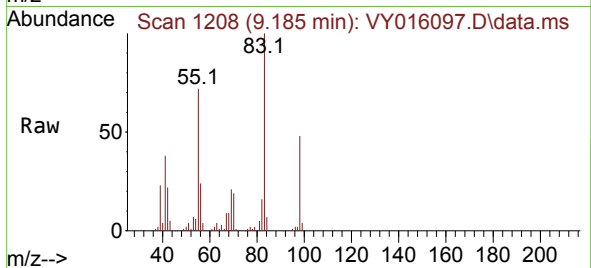
Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :



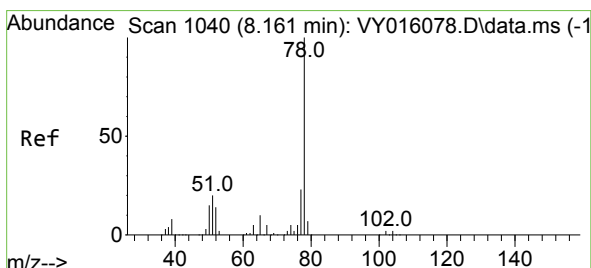
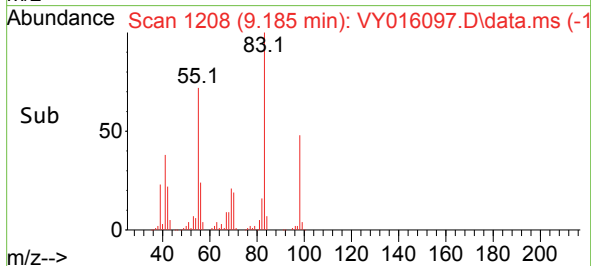
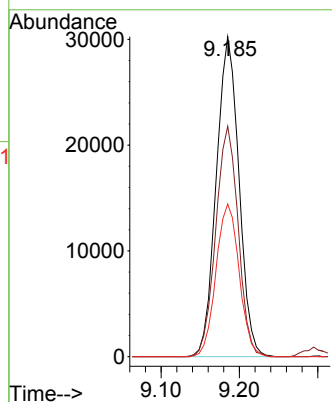
Tgt Ion: 83 Resp: 60861

Ion Ratio Lower Upper

83 100

55 72.0 63.0 94.4

98 47.7 37.4 56.2



#40

Benzene

Concen: 20.464 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. -0.000 min

Lab File: VY016097.D

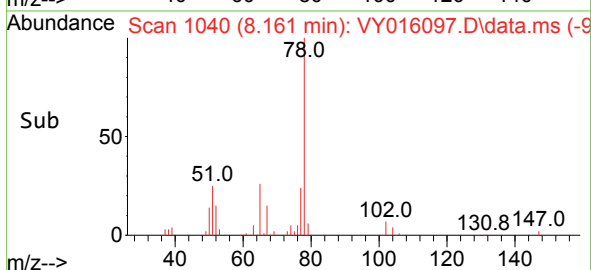
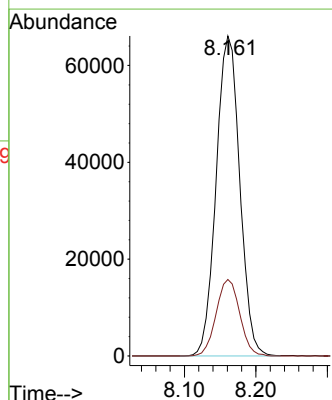
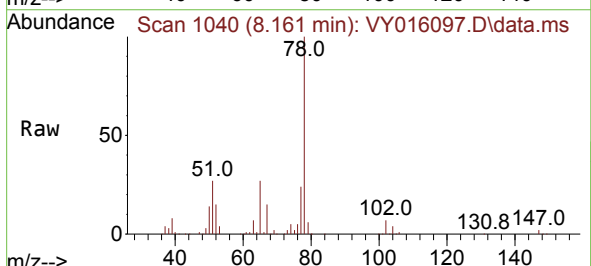
Acq: 27 Oct 2023 11:23

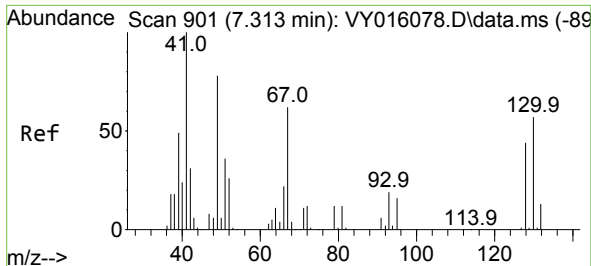
Tgt Ion: 78 Resp: 151365

Ion Ratio Lower Upper

78 100

77 23.9 19.0 28.6

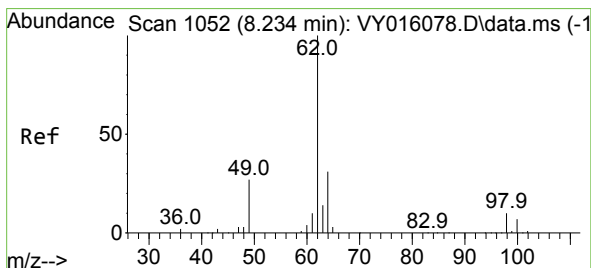
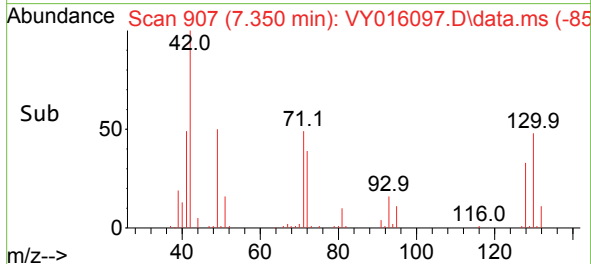
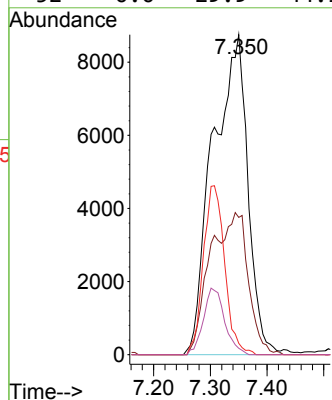
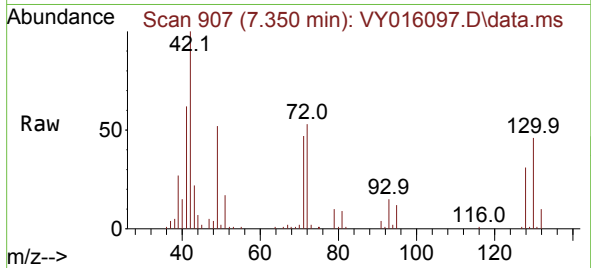




#41
Methacrylonitrile
Concen: 53.214 ug/l
RT: 7.350 min Scan# 901
Delta R.T. 0.036 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

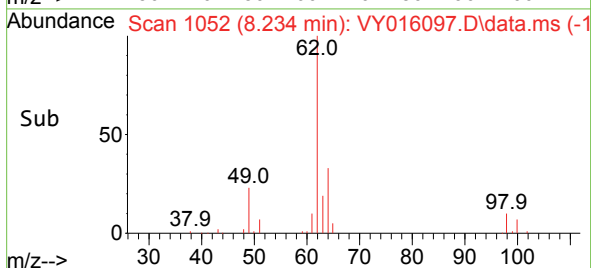
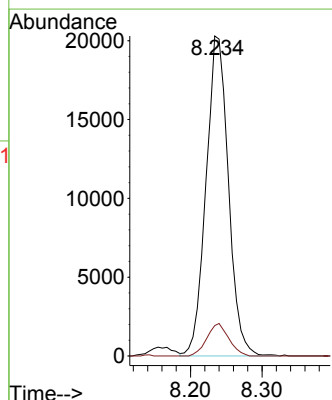
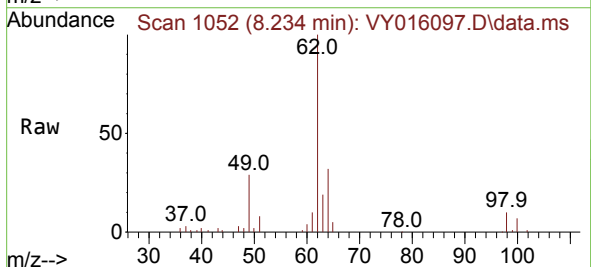
Instrument :
MSVOA_Y
ClientSampleId :

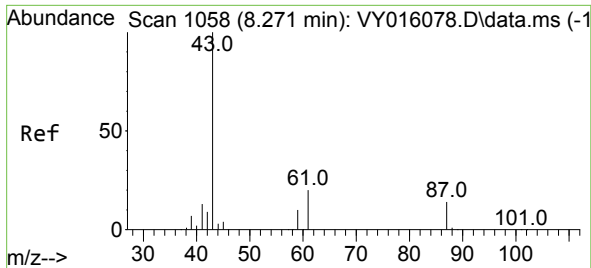
Tgt Ion: 41 Resp: 37293
Ion Ratio Lower Upper
41 100
39 0.0 52.1 78.1#
67 0.0 66.2 99.2#
52 0.0 29.9 44.9#



#42
1,2-Dichloroethane
Concen: 20.671 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion: 62 Resp: 44180
Ion Ratio Lower Upper
62 100
98 9.9 0.0 15.8

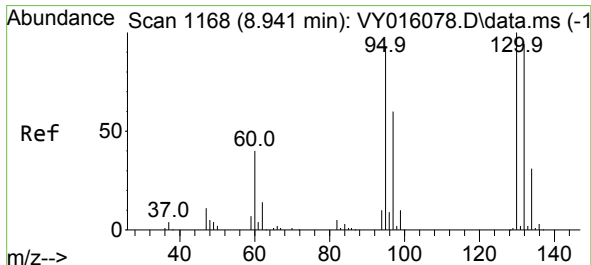
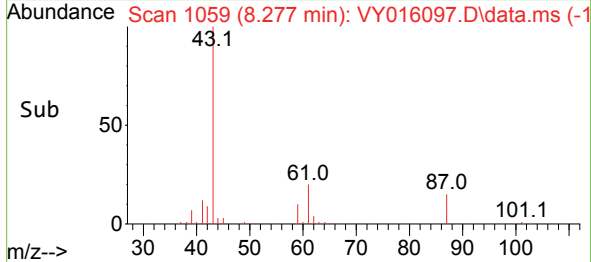
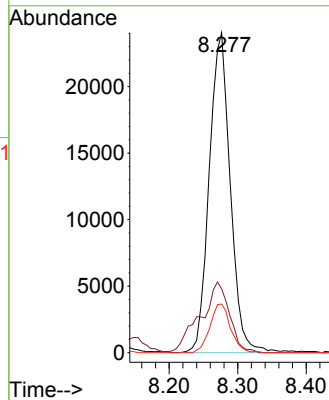
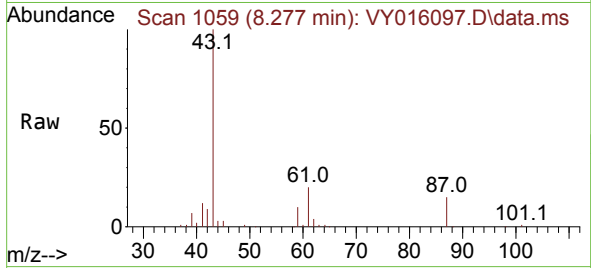




#43
Isopropyl Acetate
Concen: 20.477 ug/l
RT: 8.277 min Scan# 1059
Delta R.T. 0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

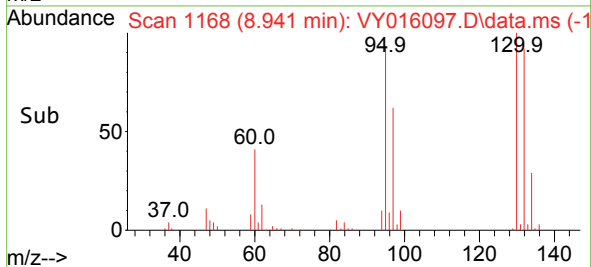
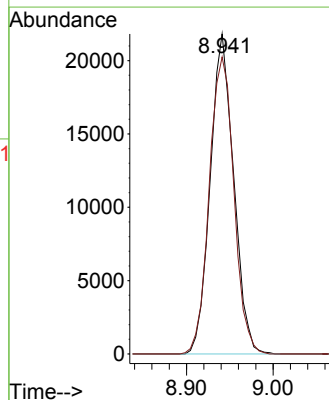
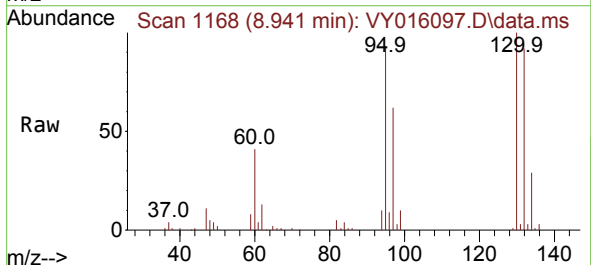
Instrument :
MSVOA_Y
ClientSampleId :

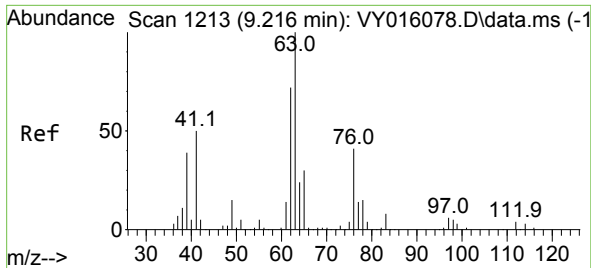
Tgt Ion: 43 Resp: 51268
Ion Ratio Lower Upper
43 100
61 30.6 21.1 31.7
87 15.0 9.8 14.8#



#44
Trichloroethene
Concen: 19.849 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion:130 Resp: 40995
Ion Ratio Lower Upper
130 100
95 92.8 0.0 196.0

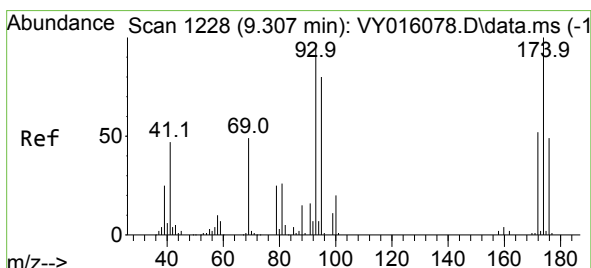
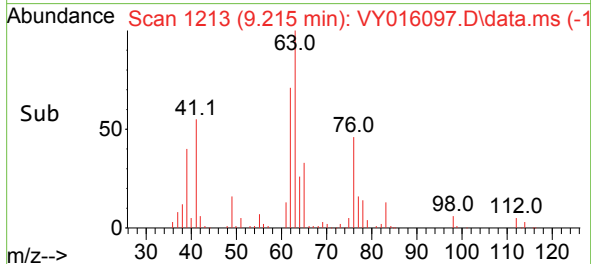
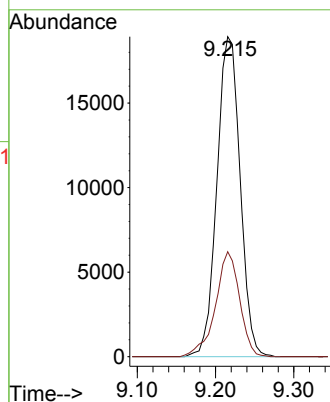
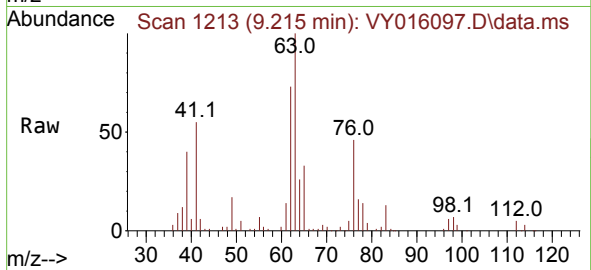




#45
1,2-Dichloropropane
Concen: 20.820 ug/l
RT: 9.215 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

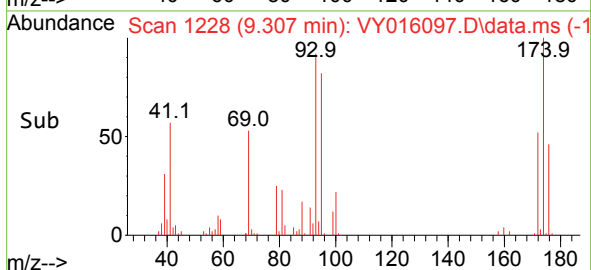
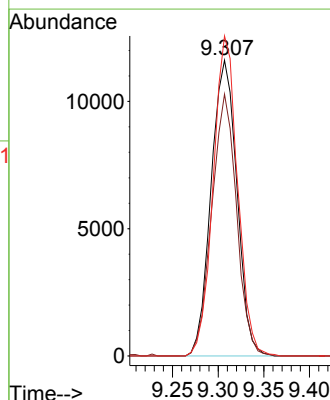
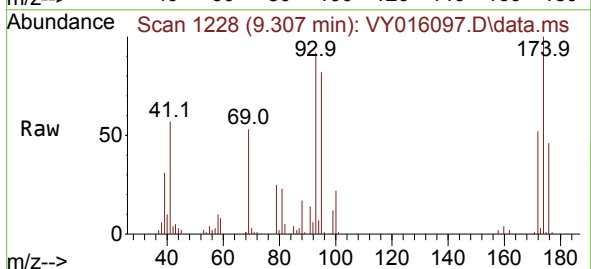
Instrument :
MSVOA_Y
ClientSampleId :

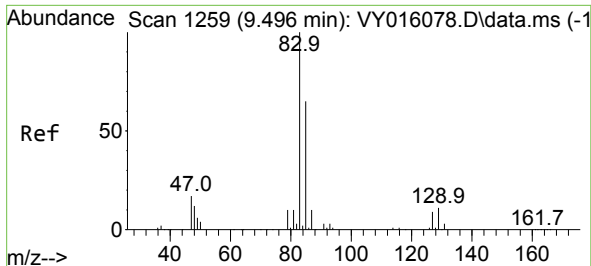
Tgt Ion: 63 Resp: 38975
Ion Ratio Lower Upper
63 100
65 32.8 23.8 35.6



#46
Dibromomethane
Concen: 20.766 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

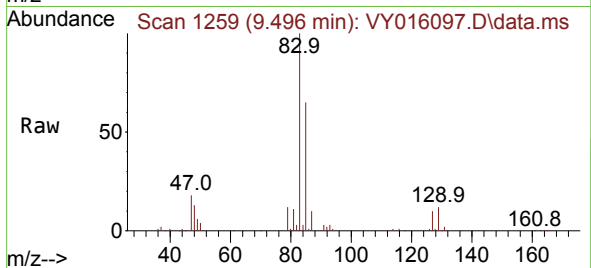
Tgt Ion: 93 Resp: 22794
Ion Ratio Lower Upper
93 100
95 85.1 66.6 100.0
174 102.3 84.8 127.2



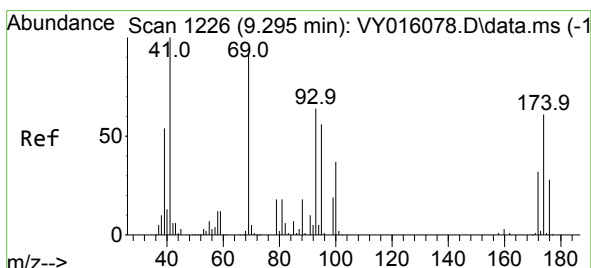
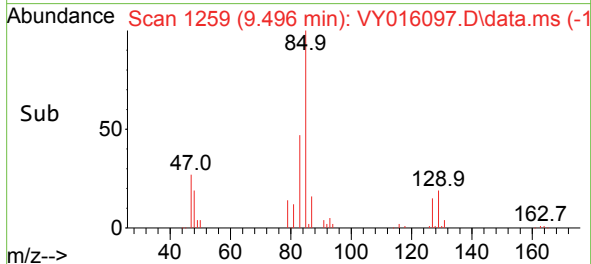
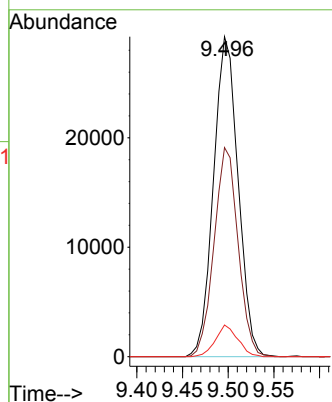


#47
Bromodichloromethane
Concen: 20.605 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :

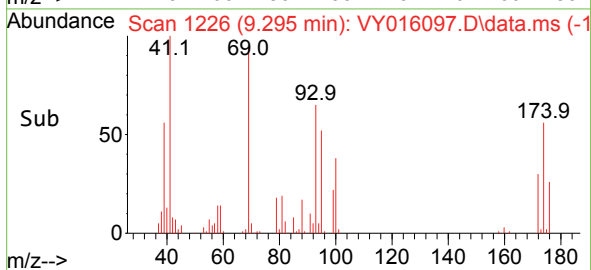
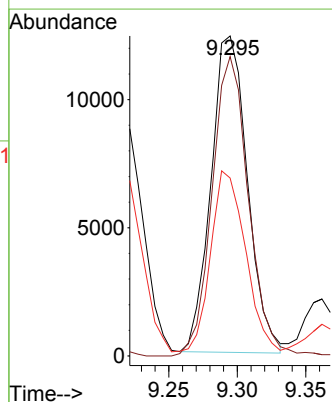
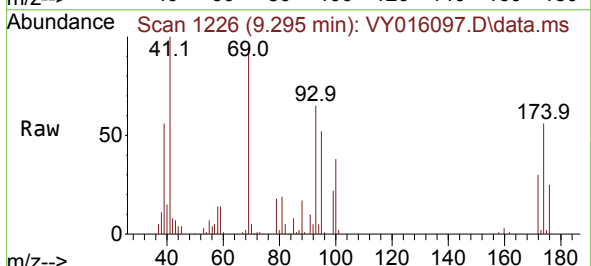


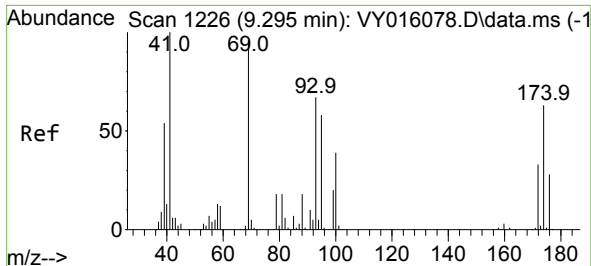
Tgt Ion: 83 Resp: 54700
Ion Ratio Lower Upper
83 100
85 65.4 50.1 75.1
127 9.9 7.1 10.7



#48
Methyl methacrylate
Concen: 19.796 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion: 41 Resp: 22834
Ion Ratio Lower Upper
41 100
69 94.9 64.5 96.7
39 54.4 50.8 76.2





#49

1,4-Dioxane

Concen: 424.300 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

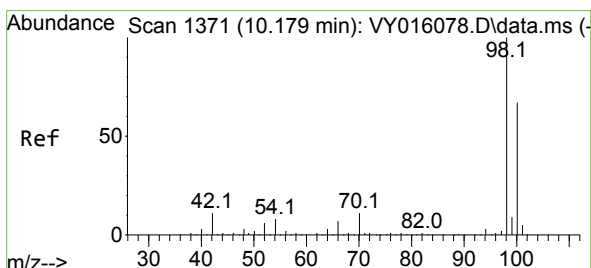
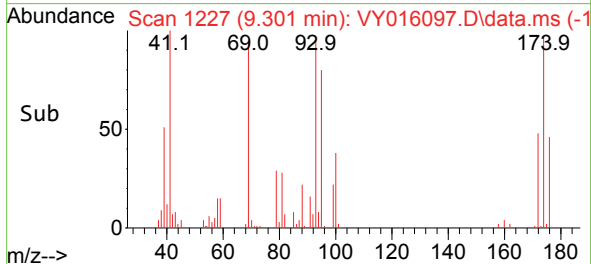
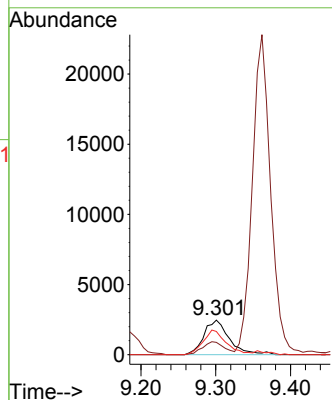
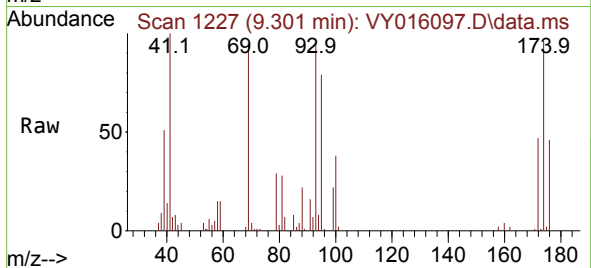
Tgt Ion: 88 Resp: 5827

Ion Ratio Lower Upper

88 100

43 32.6 0.0 0.0#

58 65.1 30.9 46.3#



#50

Toluene-d8

Concen: 50.425 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY016097.D

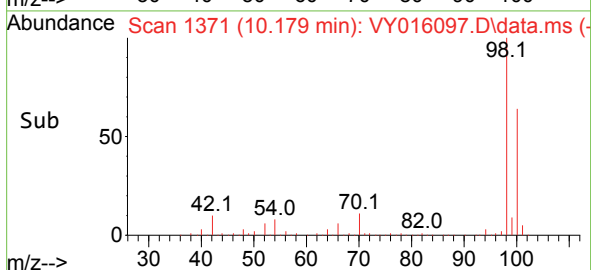
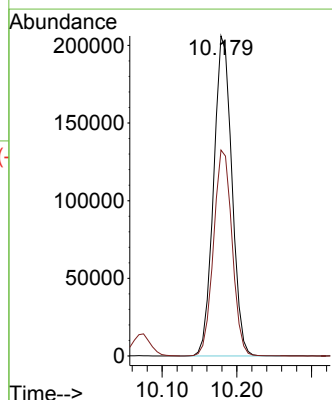
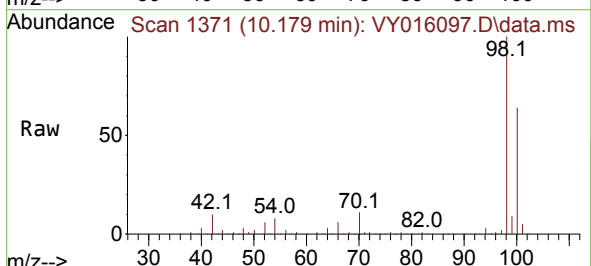
Acq: 27 Oct 2023 11:23

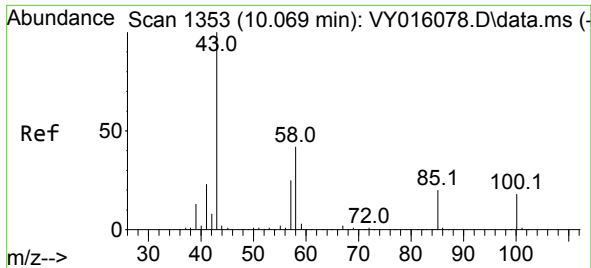
Tgt Ion: 98 Resp: 350068

Ion Ratio Lower Upper

98 100

100 65.4 50.1 75.1

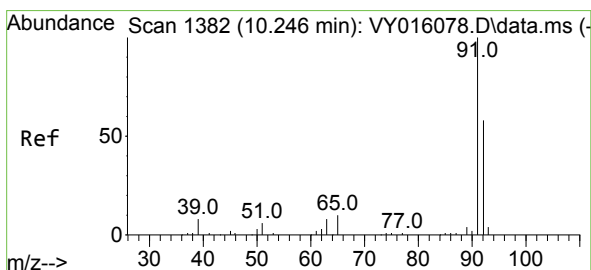
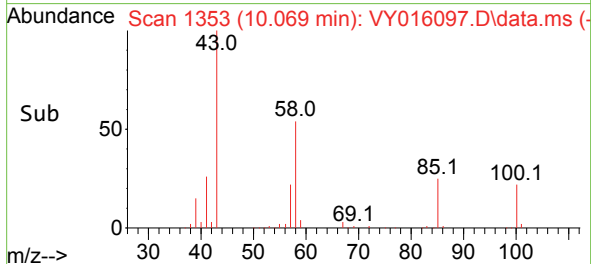
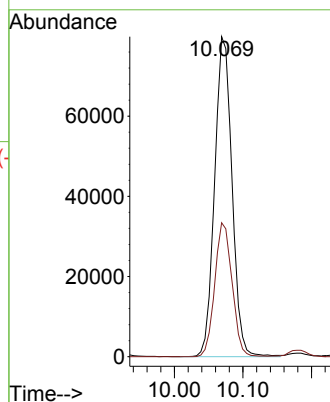
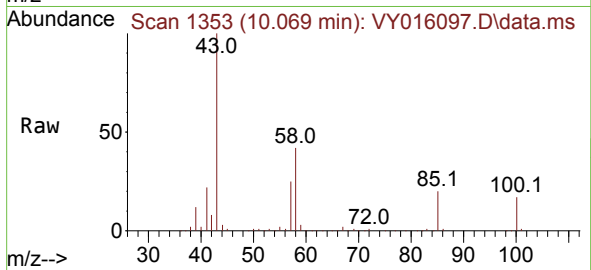




#51
4-Methyl-2-Pentanone
Concen: 106.665 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

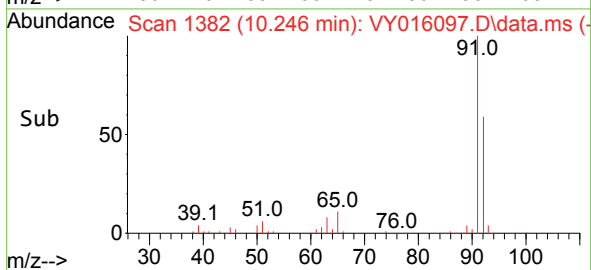
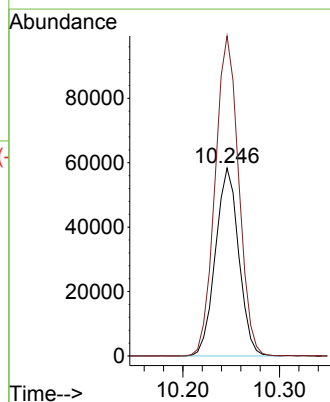
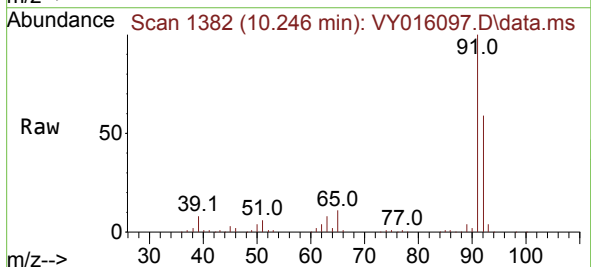
Instrument :
MSVOA_Y
ClientSampleId :

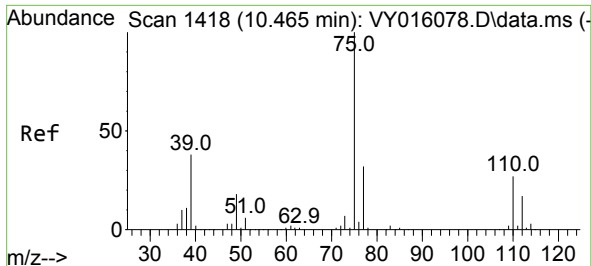
Tgt Ion: 43 Resp: 140918
Ion Ratio Lower Upper
43 100
58 41.7 29.0 43.6



#52
Toluene
Concen: 20.514 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion: 92 Resp: 97437
Ion Ratio Lower Upper
92 100
91 172.7 143.8 215.6

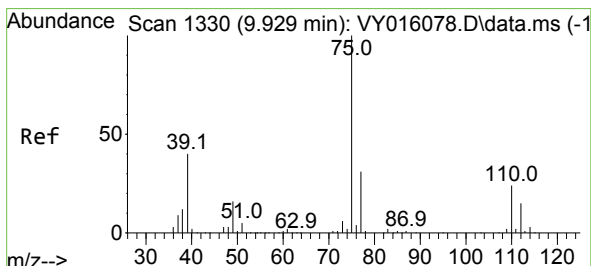
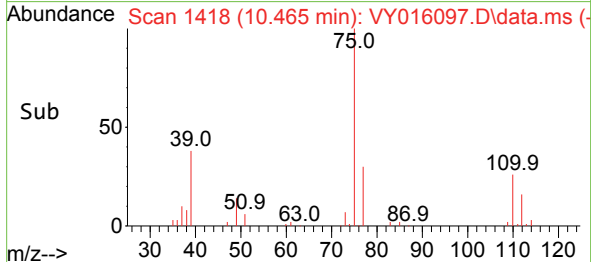
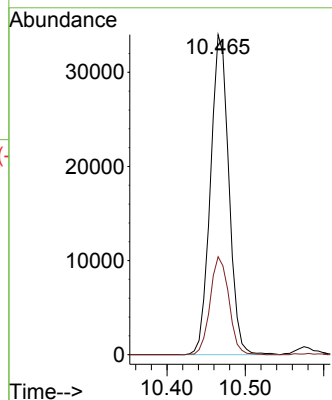
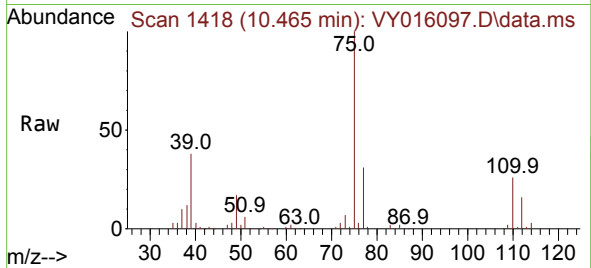




#53
 t-1,3-Dichloropropene
 Concen: 20.424 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. -0.000 min
 Lab File: VY016097.D
 Acq: 27 Oct 2023 11:23

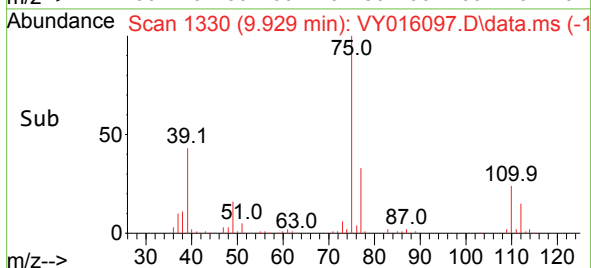
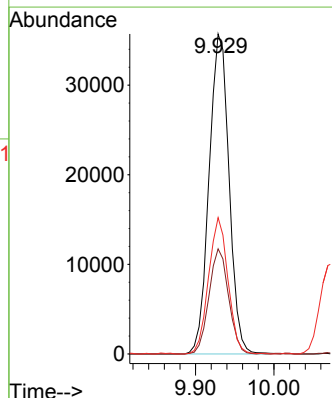
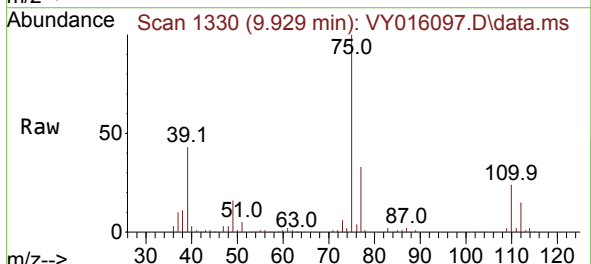
Instrument :
 MSVOA_Y
 ClientSampleId :

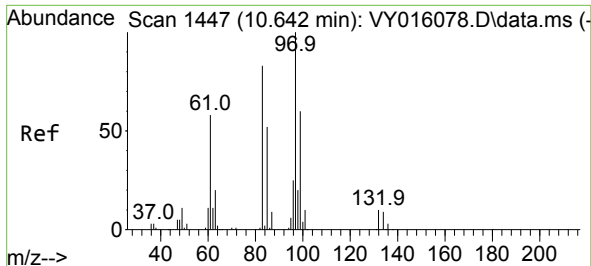
Tgt Ion: 75 Resp: 55443
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.592 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. -0.000 min
 Lab File: VY016097.D
 Acq: 27 Oct 2023 11:23

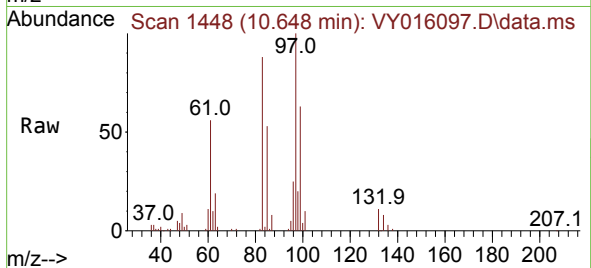
Tgt Ion: 75 Resp: 63214
 Ion Ratio Lower Upper
 75 100
 77 32.8 24.2 36.4
 39 42.6 42.2 63.4



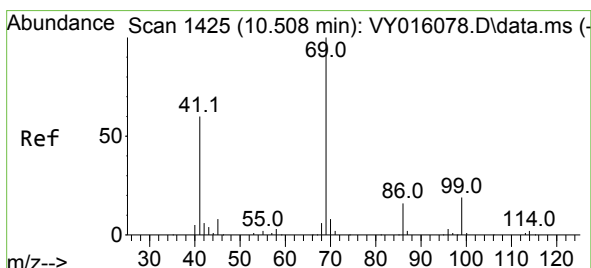
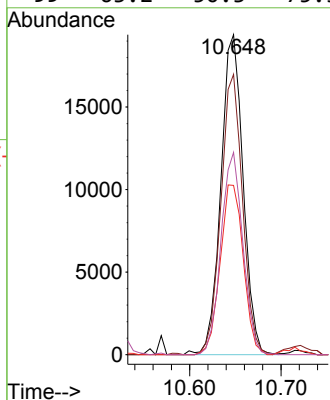
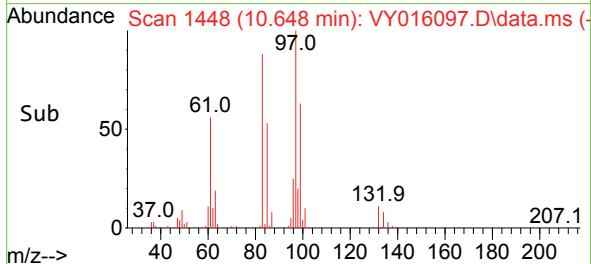


#55
1,1,2-Trichloroethane
Concen: 21.034 ug/l
RT: 10.648 min Scan# 1447
Delta R.T. 0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Instrument :
MSVOA_Y
ClientSampleId :

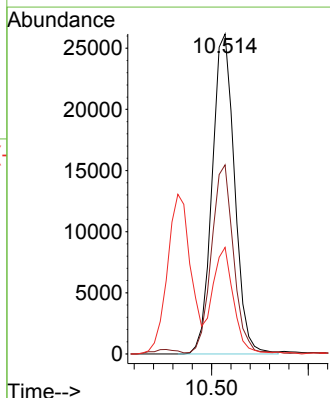
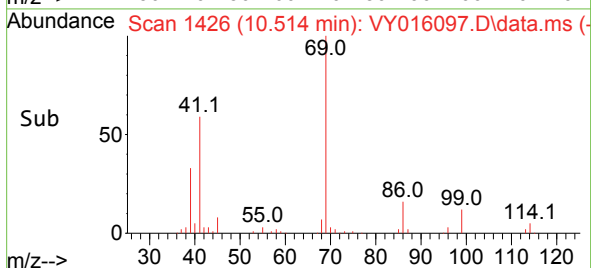
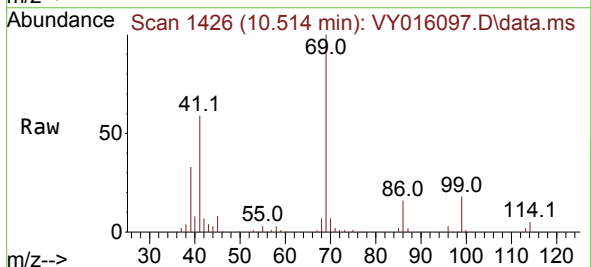


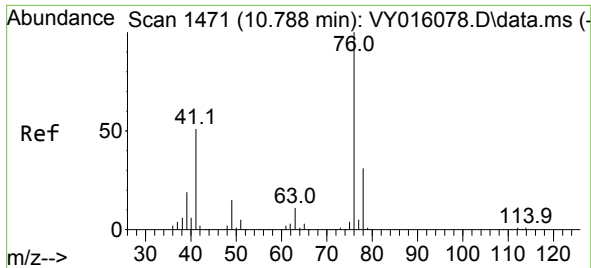
Tgt Ion:	97	Resp:	32804
Ion	Ratio	Lower	Upper
97	100		
83	87.2	72.0	108.0
85	52.9	45.4	68.0
99	63.2	50.3	75.5



#56
Ethyl methacrylate
Concen: 20.962 ug/l
RT: 10.514 min Scan# 1426
Delta R.T. 0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion:	69	Resp:	42015
Ion	Ratio	Lower	Upper
69	100		
41	58.3	57.6	86.4
39	30.7	34.1	51.1#

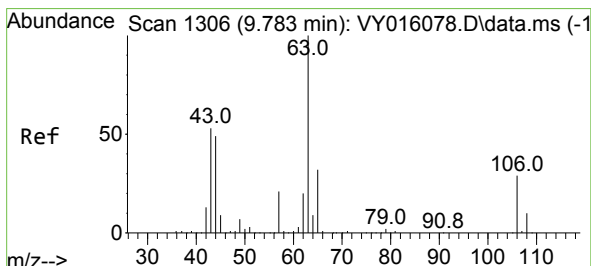
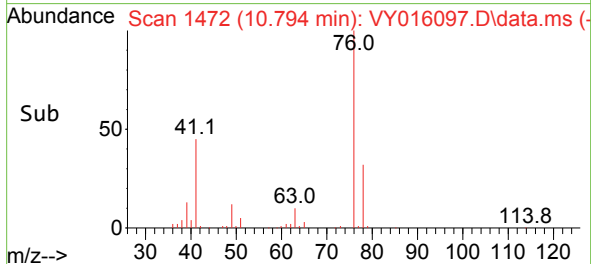
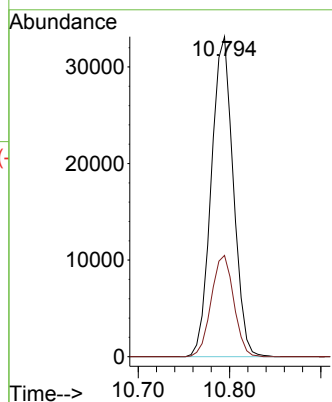
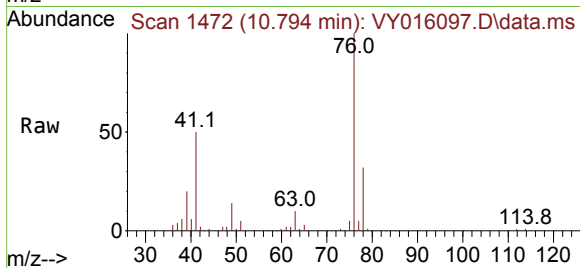




#57
1,3-Dichloropropane
Concen: 21.221 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

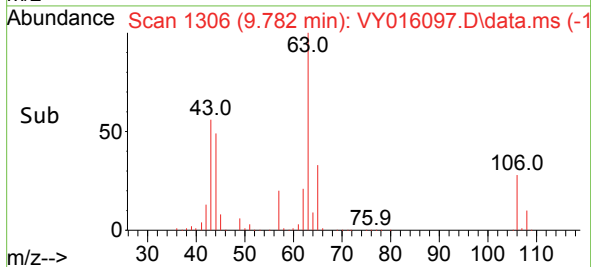
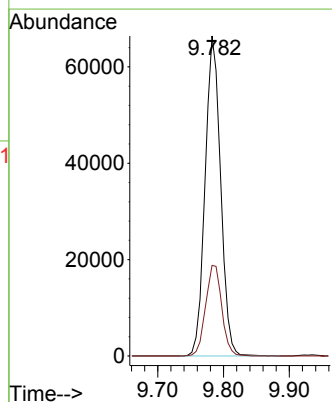
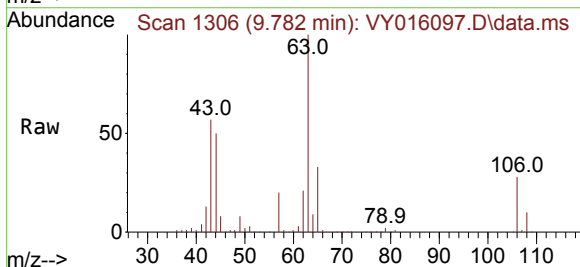
Instrument :
MSVOA_Y
ClientSampleId :

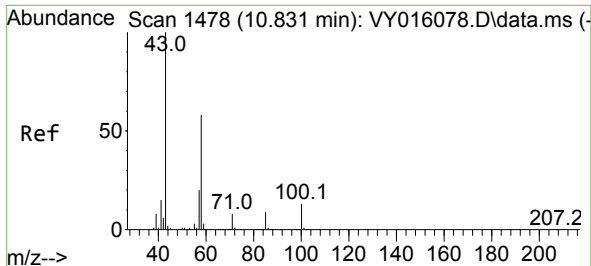
Tgt Ion: 76 Resp: 55325
Ion Ratio Lower Upper
76 100
78 32.5 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 109.249 ug/l
RT: 9.782 min Scan# 1306
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion: 63 Resp: 109010
Ion Ratio Lower Upper
63 100
106 29.5 21.2 31.8

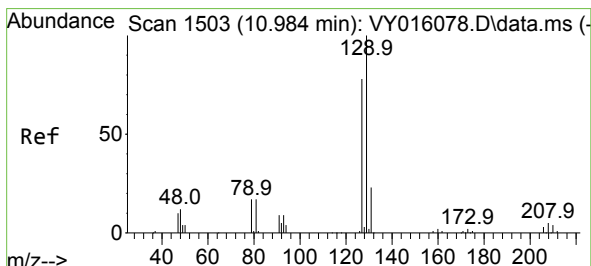
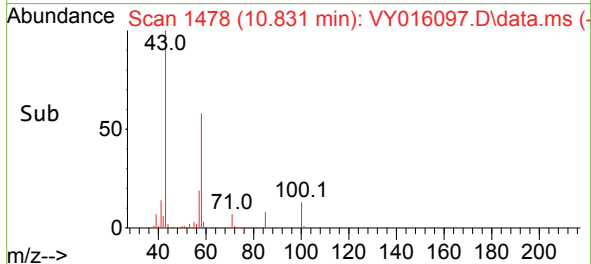
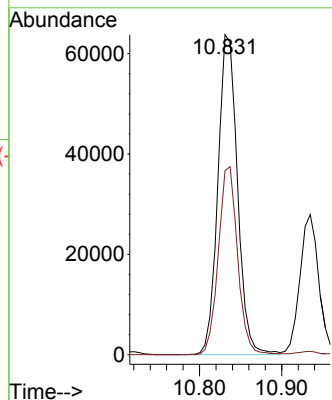
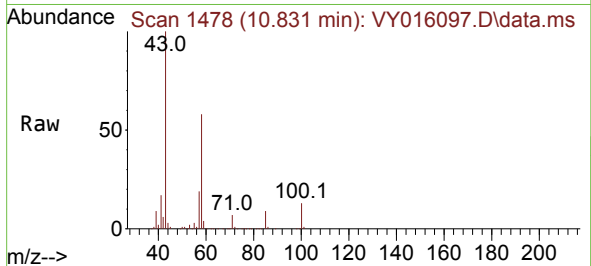




#59
2-Hexanone
Concen: 108.457 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

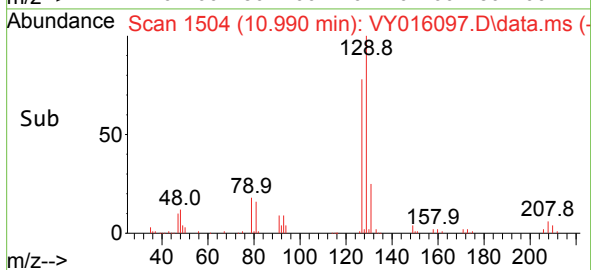
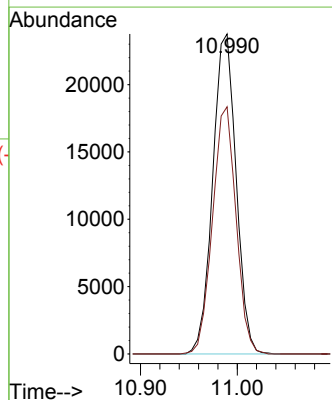
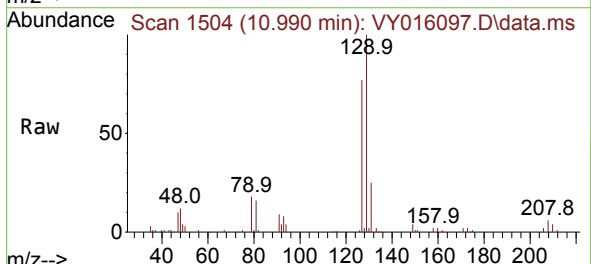
Instrument :
MSVOA_Y
ClientSampleId :

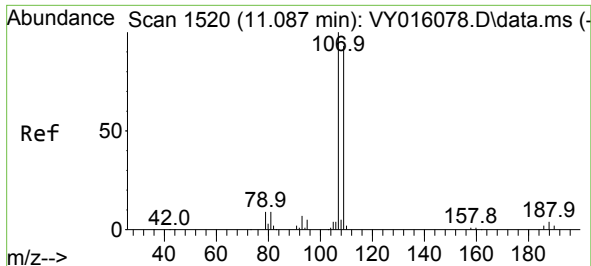
Tgt Ion: 43 Resp: 105549
Ion Ratio Lower Upper
43 100
58 57.9 25.1 75.3



#60
Dibromochloromethane
Concen: 20.886 ug/l
RT: 10.990 min Scan# 1504
Delta R.T. 0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion:129 Resp: 39888
Ion Ratio Lower Upper
129 100
127 77.6 38.5 115.5

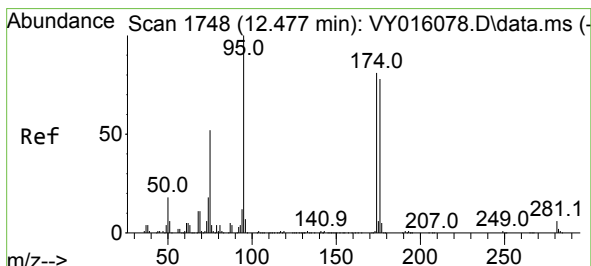
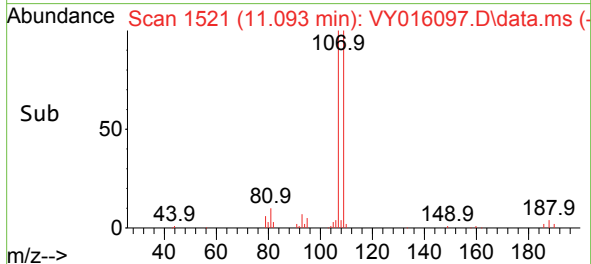
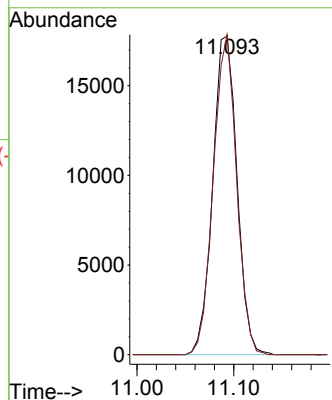
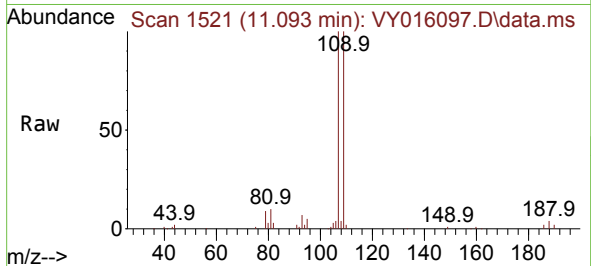




#61
1,2-Dibromoethane
Concen: 20.701 ug/l
RT: 11.093 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

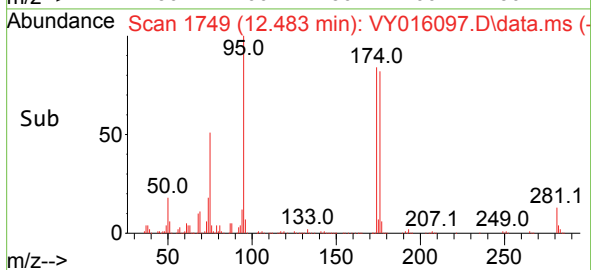
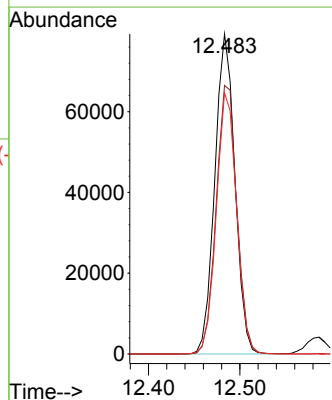
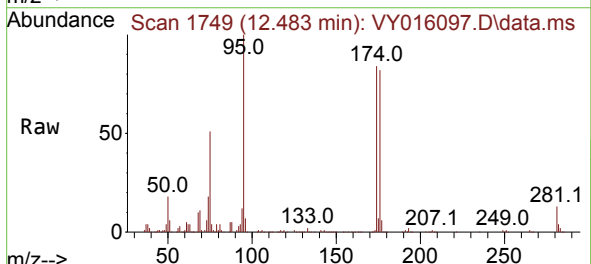
Instrument :
MSVOA_Y
ClientSampleId :

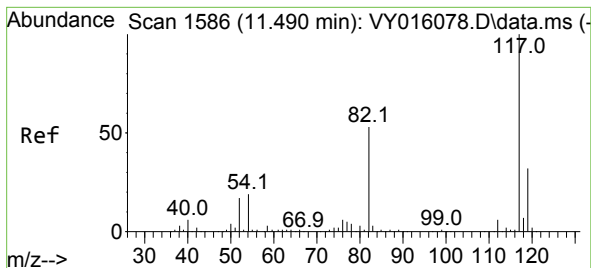
Tgt Ion:107 Resp: 30914
Ion Ratio Lower Upper
107 100
109 96.3 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 50.778 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion: 95 Resp: 120924
Ion Ratio Lower Upper
95 100
174 86.6 0.0 178.2
176 82.7 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

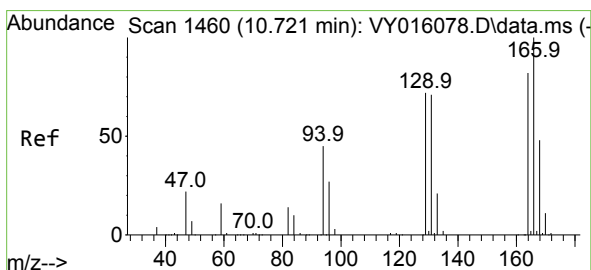
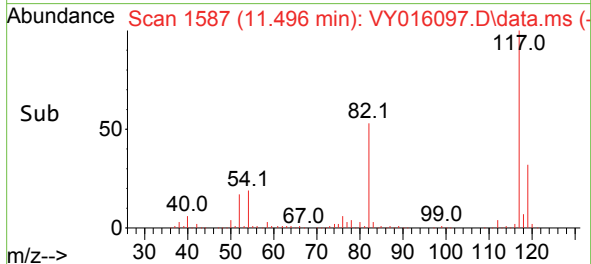
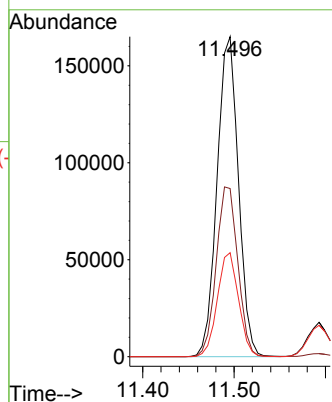
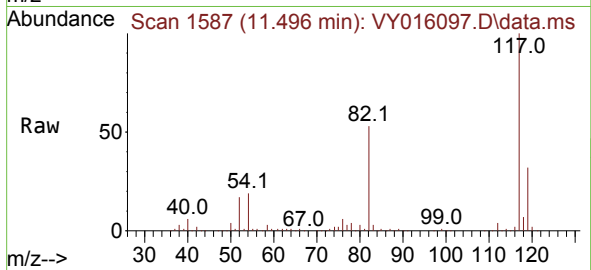
Tgt Ion:117 Resp: 268078

Ion Ratio Lower Upper

117 100

82 52.6 43.4 65.0

119 32.5 26.3 39.5



#64

Tetrachloroethene

Concen: 20.184 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Tgt Ion:164 Resp: 35807

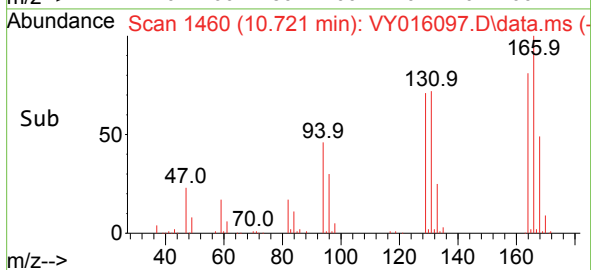
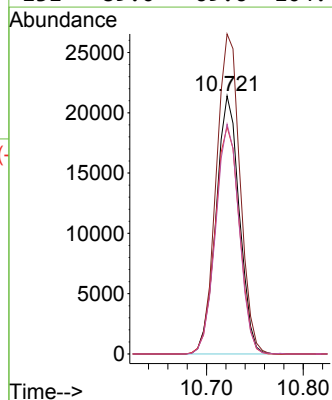
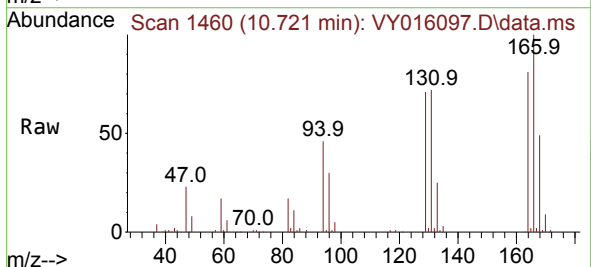
Ion Ratio Lower Upper

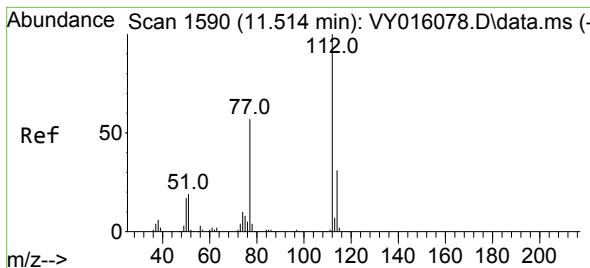
164 100

166 124.0 103.0 154.6

129 88.0 77.2 115.8

131 89.0 69.6 104.4





#65

Chlorobenzene

Concen: 20.262 ug/l

RT: 11.520 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

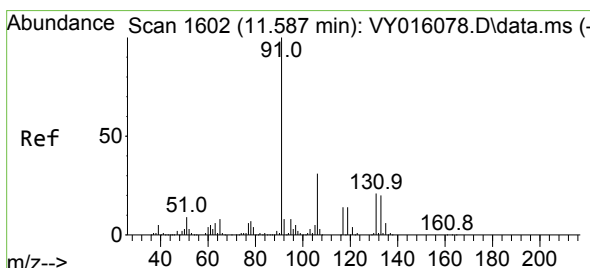
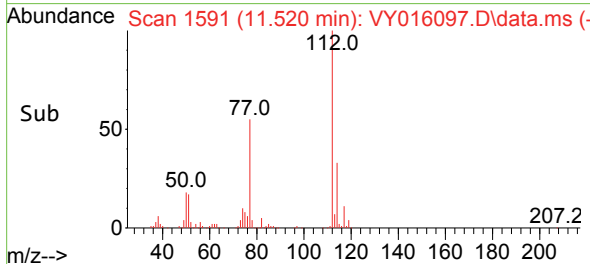
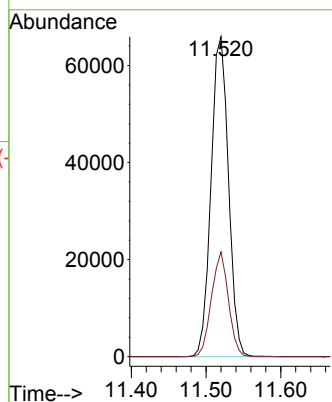
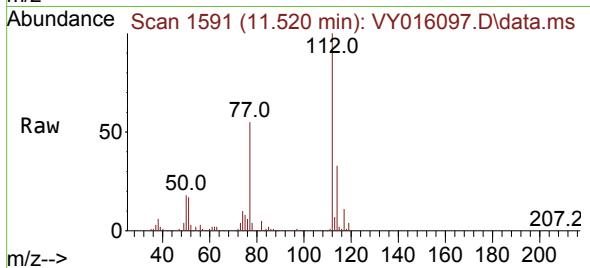
ClientSampleId :

Tgt Ion:112 Resp: 106742

Ion Ratio Lower Upper

112 100

114 32.7 25.5 38.3



#66

1,1,1,2-Tetrachloroethane

Concen: 20.586 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

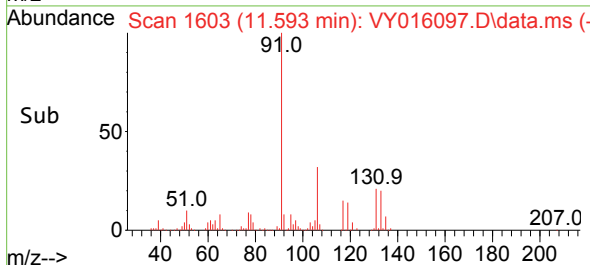
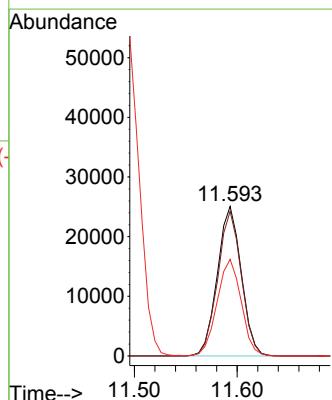
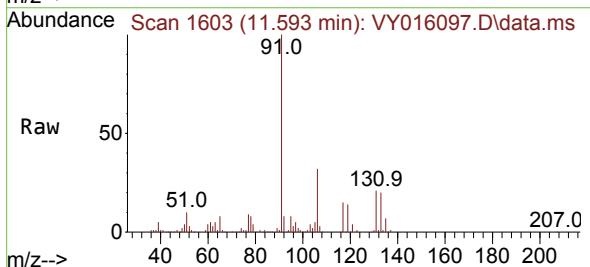
Tgt Ion:131 Resp: 40500

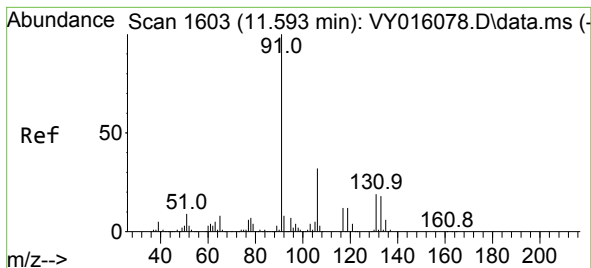
Ion Ratio Lower Upper

131 100

133 95.4 47.5 142.6

119 65.1 31.6 94.7





#67

Ethyl Benzene

Concen: 19.932 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

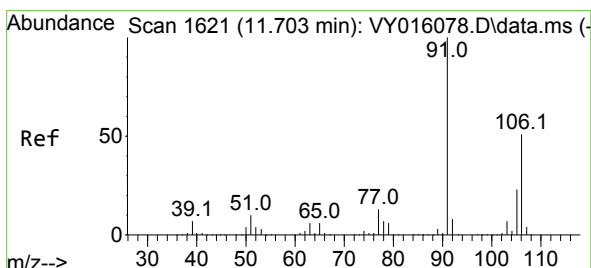
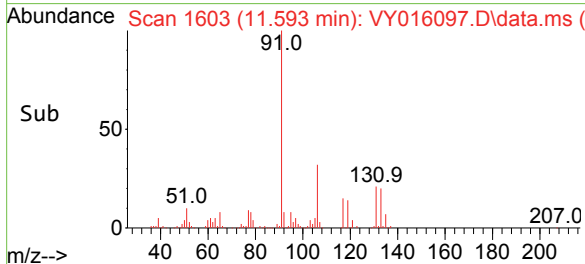
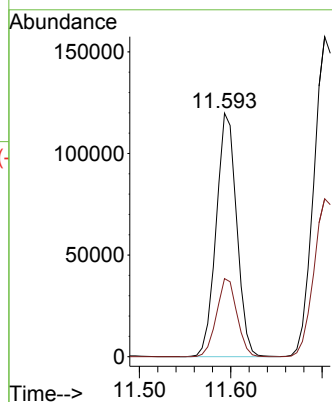
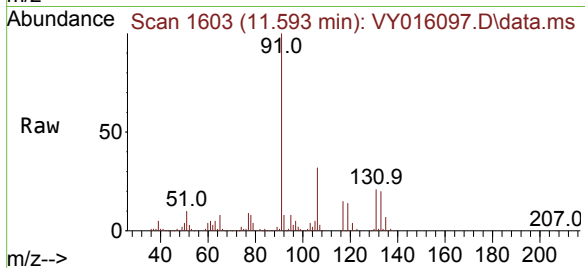
ClientSampleId :

Tgt Ion: 91 Resp: 186508

Ion Ratio Lower Upper

91 100

106 32.0 24.6 36.8



#68

m/p-Xylenes

Concen: 40.198 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. -0.000 min

Lab File: VY016097.D

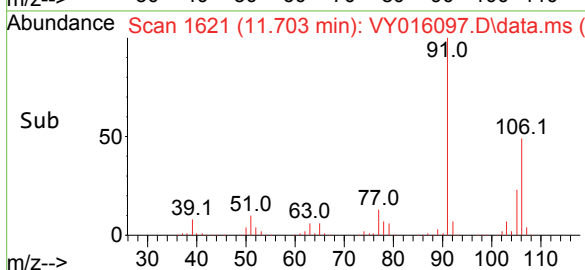
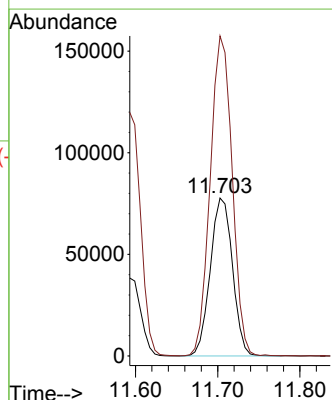
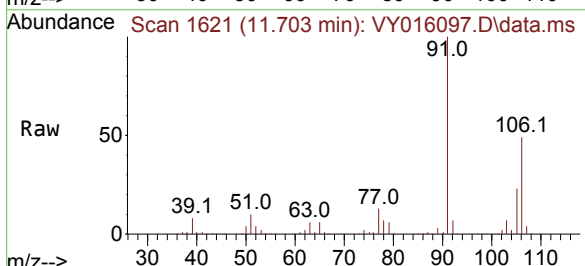
Acq: 27 Oct 2023 11:23

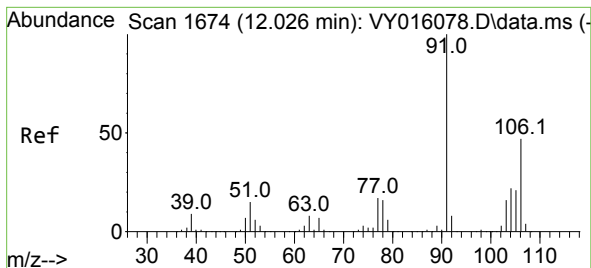
Tgt Ion:106 Resp: 145564

Ion Ratio Lower Upper

106 100

91 201.1 166.1 249.1





#69

o-Xylene

Concen: 20.157 ug/l

RT: 12.032 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

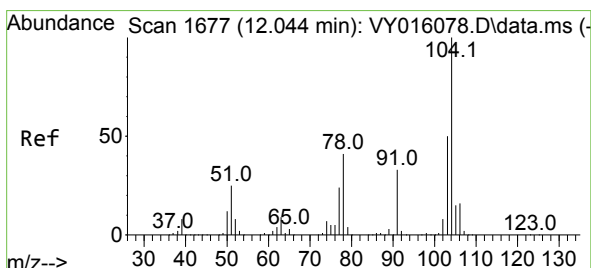
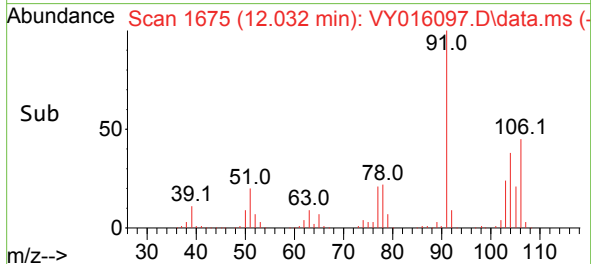
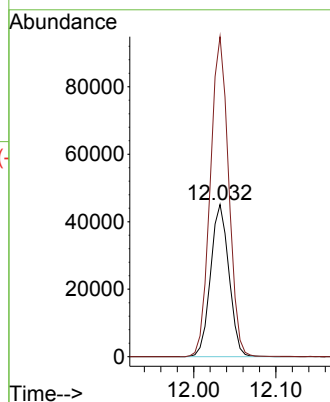
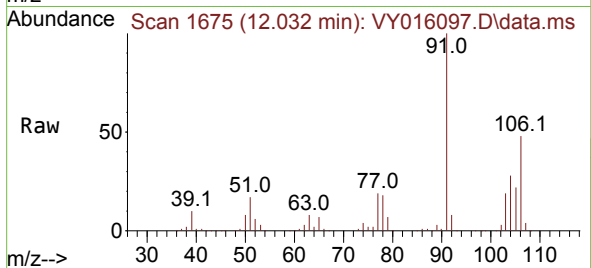
ClientSampleId :

Tgt Ion:106 Resp: 69881

Ion Ratio Lower Upper

106 100

91 210.6 108.1 324.3



#70

Styrene

Concen: 20.470 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

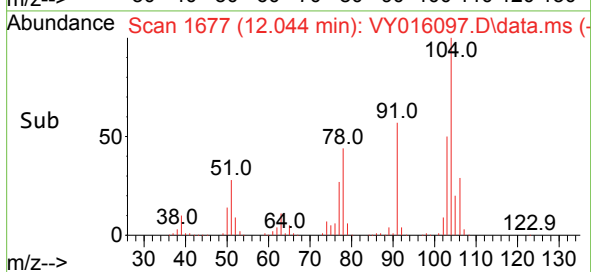
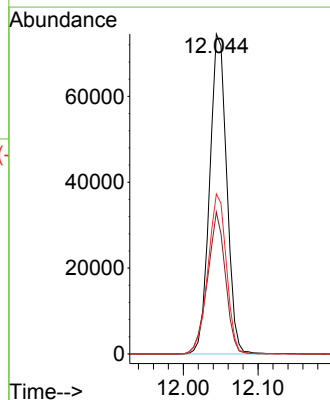
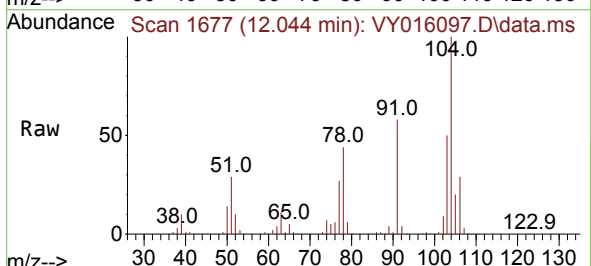
Tgt Ion:104 Resp: 118293

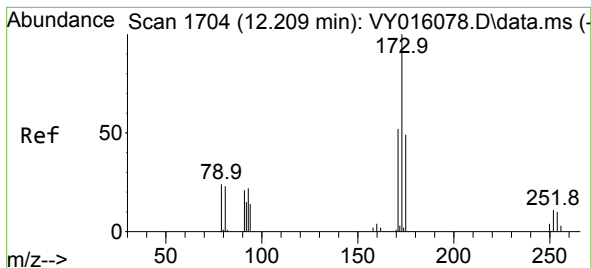
Ion Ratio Lower Upper

104 100

78 46.6 41.5 62.3

103 54.2 44.6 67.0





#71

Bromoform

Concen: 20.826 ug/l

RT: 12.209 min Scan# 1

Delta R.T. -0.000 min

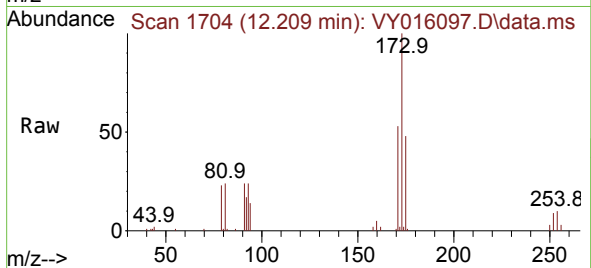
Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :



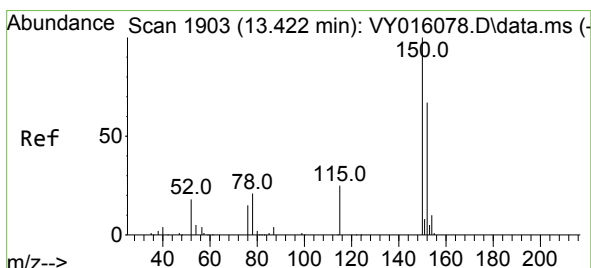
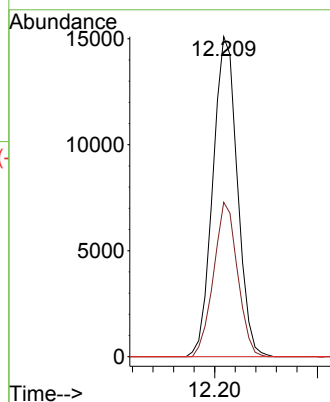
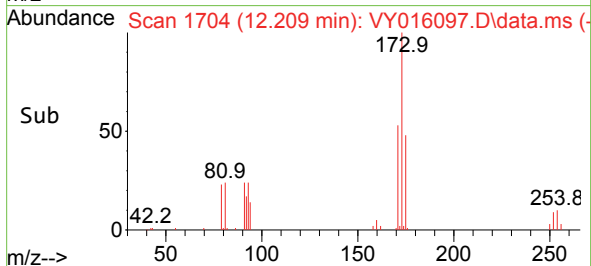
Tgt Ion:173 Resp: 24958

Ion Ratio Lower Upper

173 100

175 47.3 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

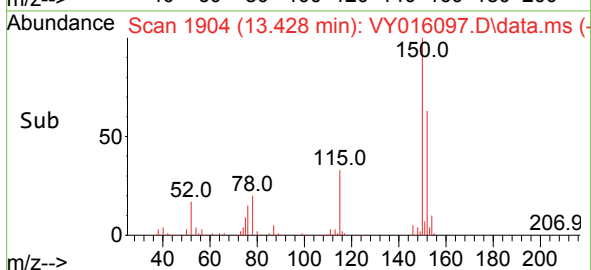
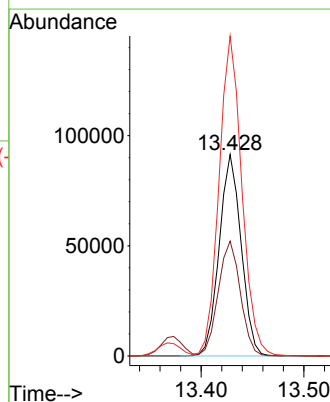
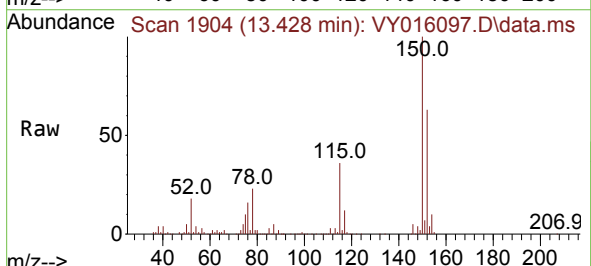
Tgt Ion:152 Resp: 135477

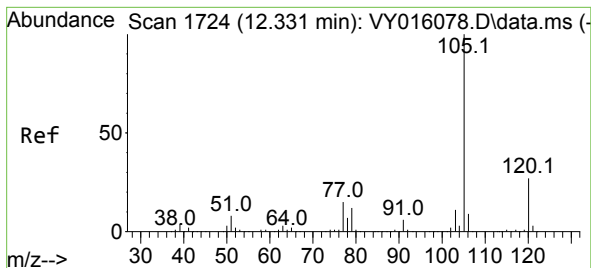
Ion Ratio Lower Upper

152 100

115 57.5 28.8 86.5

150 165.4 0.0 348.8





#73

Isopropylbenzene

Concen: 19.744 ug/l

RT: 12.331 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

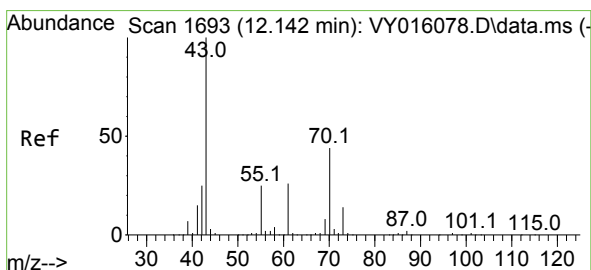
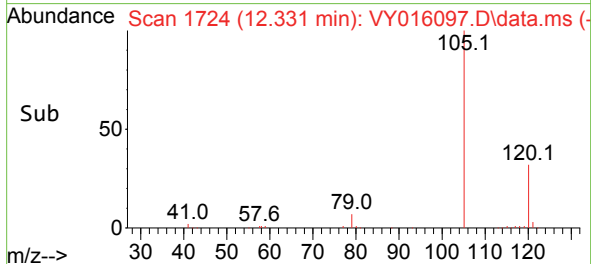
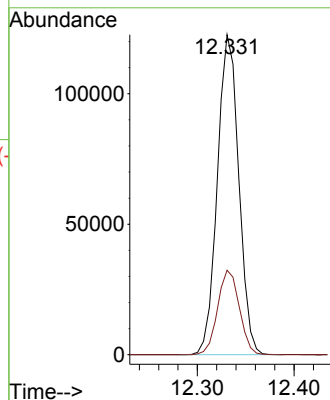
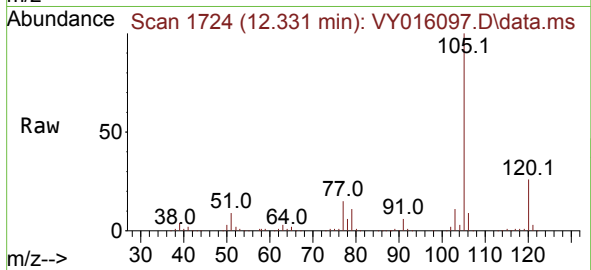
ClientSampleId :

Tgt Ion:105 Resp: 188246

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 19.670 ug/l

RT: 12.148 min Scan# 1694

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Tgt Ion: 43 Resp: 45729

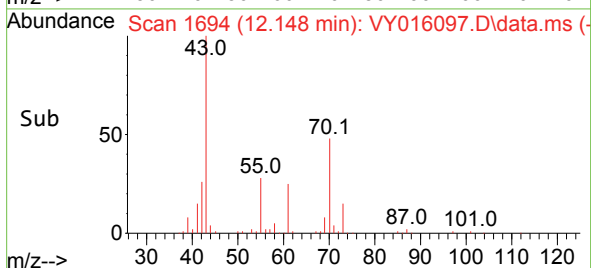
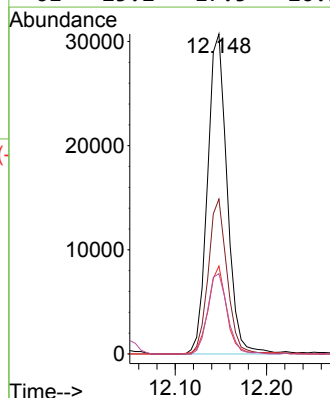
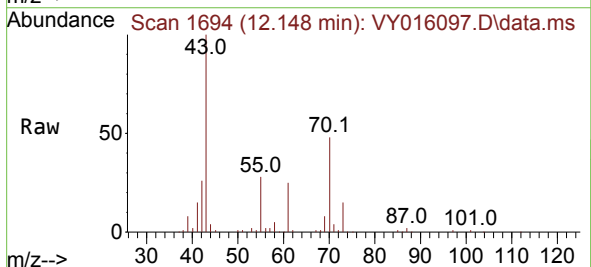
Ion Ratio Lower Upper

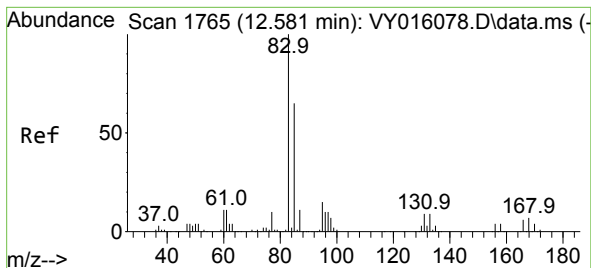
43 100

70 46.7 29.7 44.5

55 26.1 18.3 27.5

61 25.2 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.057 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

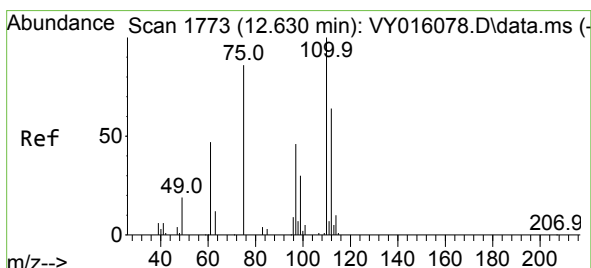
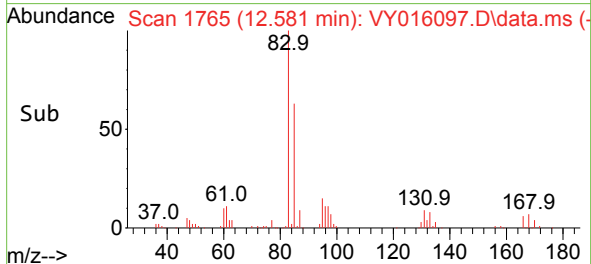
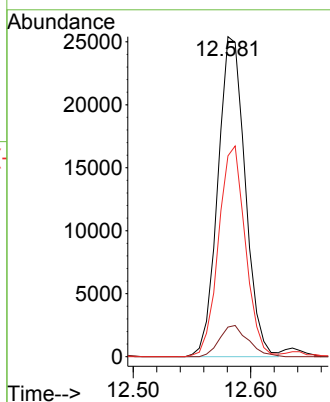
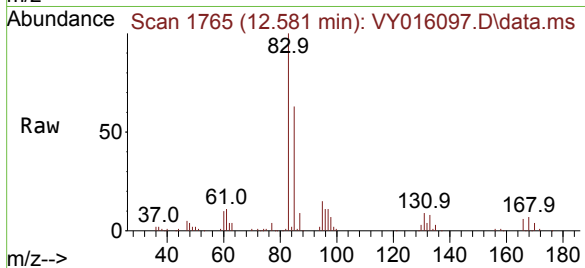
Tgt Ion: 83 Resp: 41040

Ion Ratio Lower Upper

83 100

131 10.2 5.4 16.2

85 64.6 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.224 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.006 min

Lab File: VY016097.D

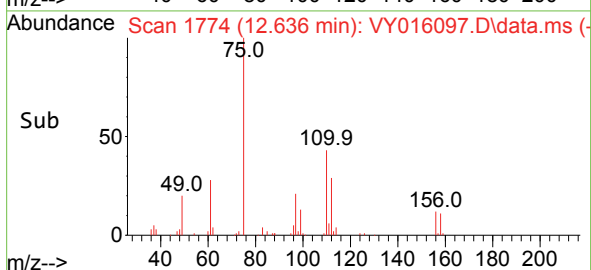
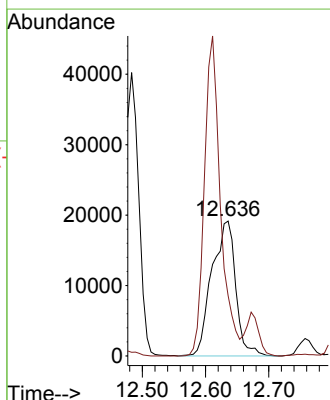
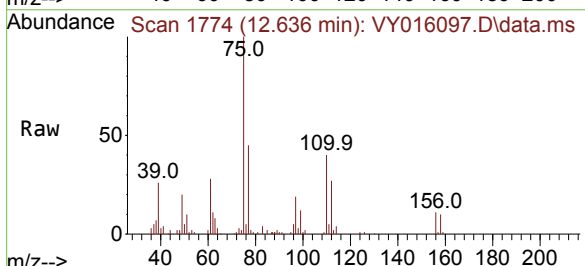
Acq: 27 Oct 2023 11:23

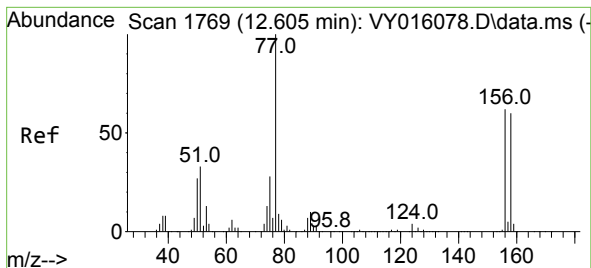
Tgt Ion: 75 Resp: 50104

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.206 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

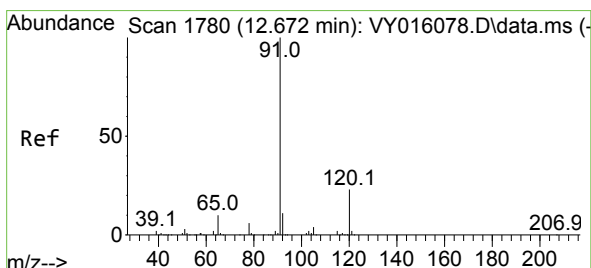
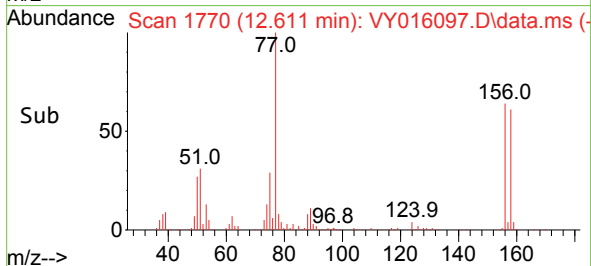
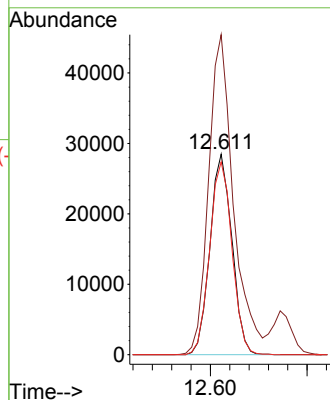
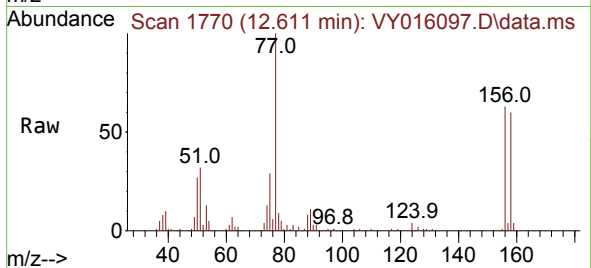
Tgt Ion:156 Resp: 44962

Ion Ratio Lower Upper

156 100

77 180.0 92.8 278.6

158 97.9 48.4 145.3



#78

n-propylbenzene

Concen: 19.675 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. -0.000 min

Lab File: VY016097.D

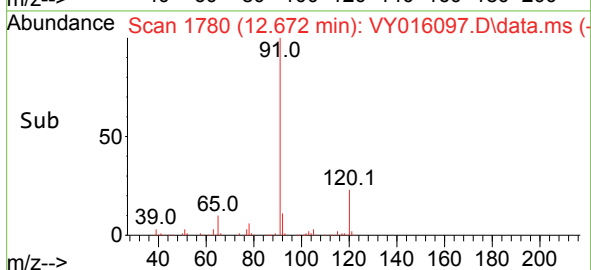
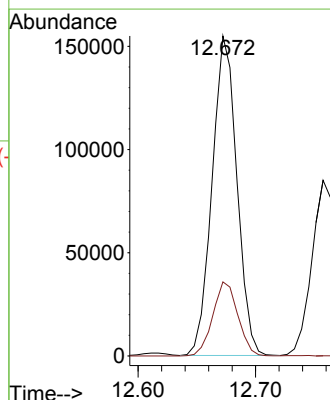
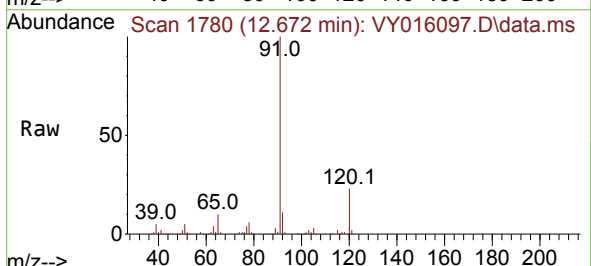
Acq: 27 Oct 2023 11:23

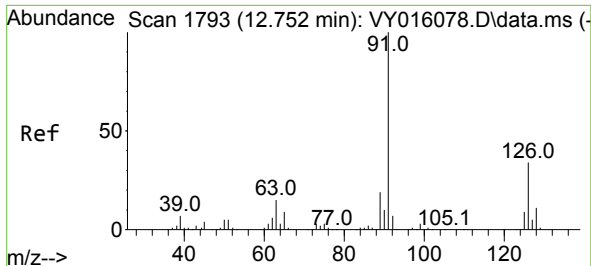
Tgt Ion: 91 Resp: 227139

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4

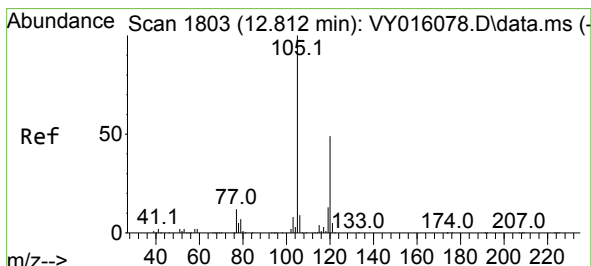
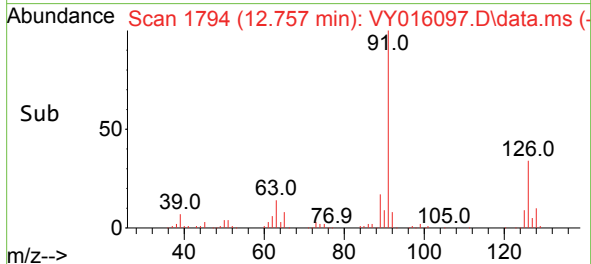
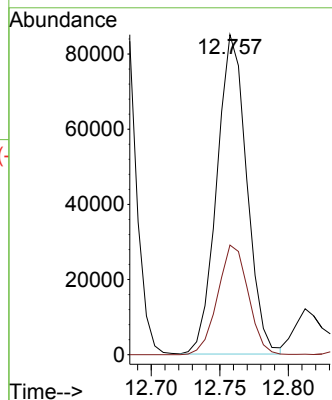
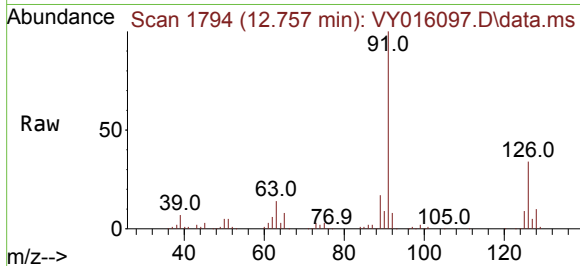




#79
2-Chlorotoluene
Concen: 20.024 ug/l
RT: 12.757 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

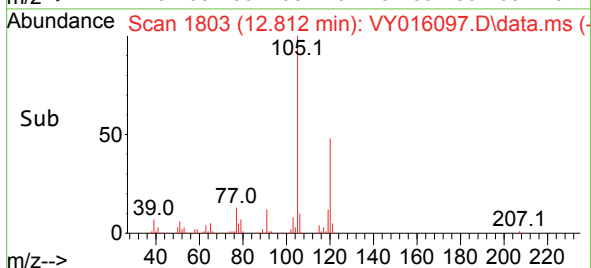
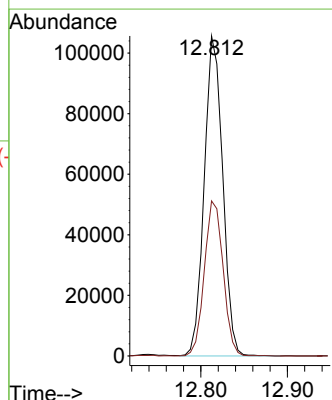
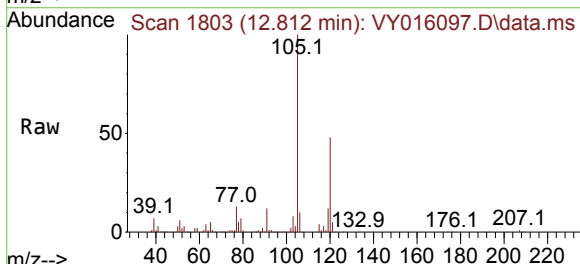
Instrument :
MSVOA_Y
ClientSampleId :

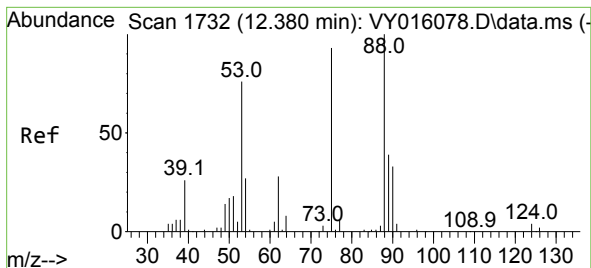
Tgt Ion: 91 Resp: 129465
Ion Ratio Lower Upper
91 100
126 35.0 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 19.765 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion: 105 Resp: 156458
Ion Ratio Lower Upper
105 100
120 49.4 23.9 71.7

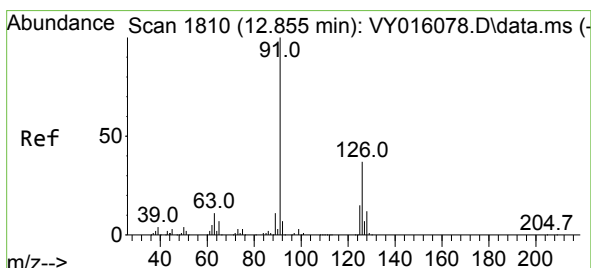
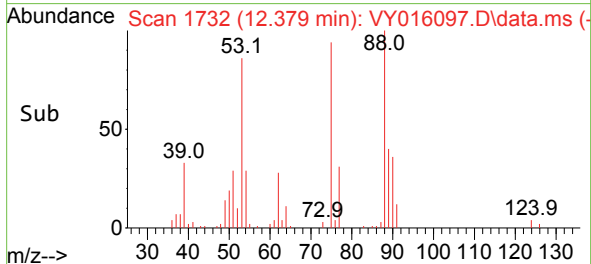
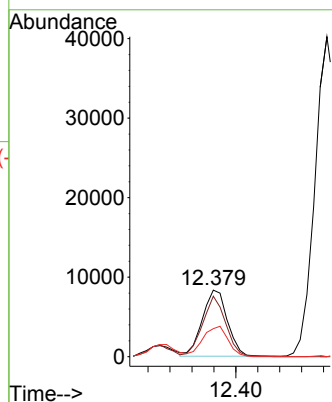
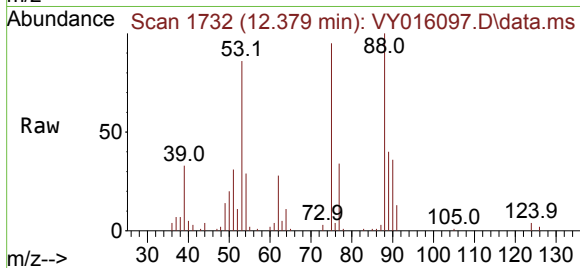




#81
trans-1,4-Dichloro-2-butene
Concen: 20.754 ug/l
RT: 12.379 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

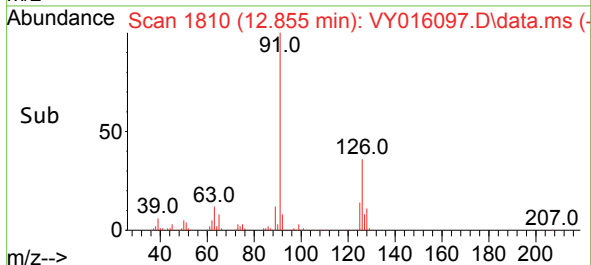
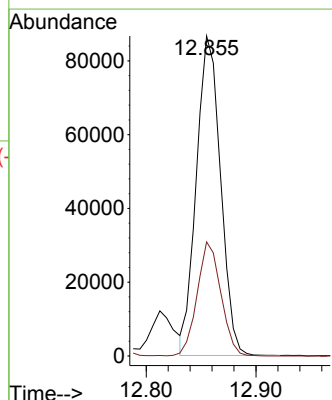
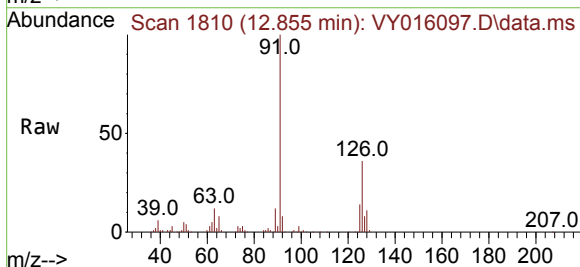
Instrument :
MSVOA_Y
ClientSampleId :

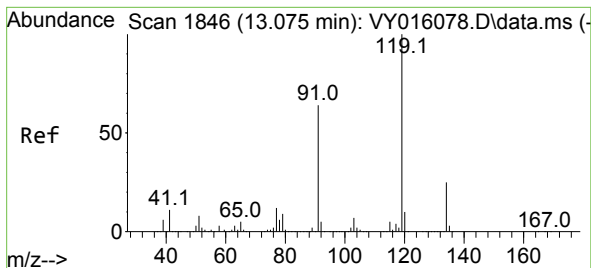
Tgt Ion: 75 Resp: 13210
Ion Ratio Lower Upper
75 100
53 85.2 77.8 116.8
89 45.9 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.782 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion: 91 Resp: 132643
Ion Ratio Lower Upper
91 100
126 35.1 17.2 51.6

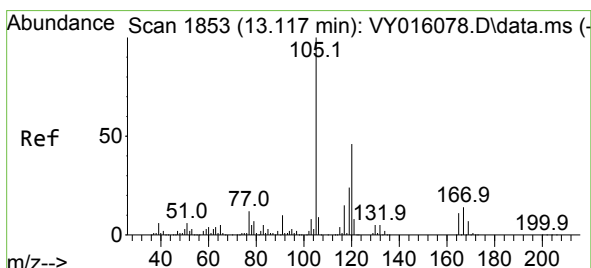
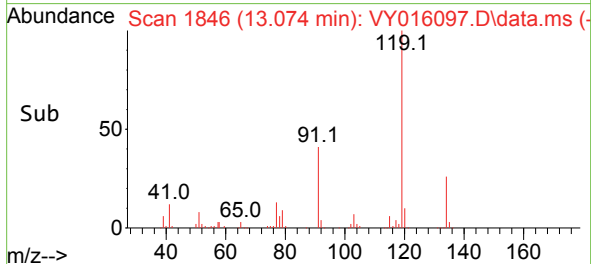
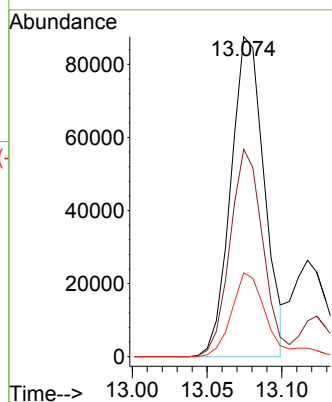
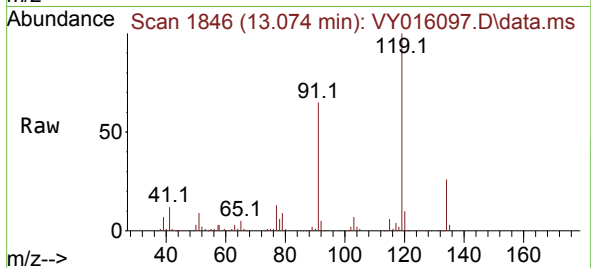




#83
tert-Butylbenzene
Concen: 19.341 ug/l
RT: 13.074 min Scan# 119
Delta R.T. -0.000 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

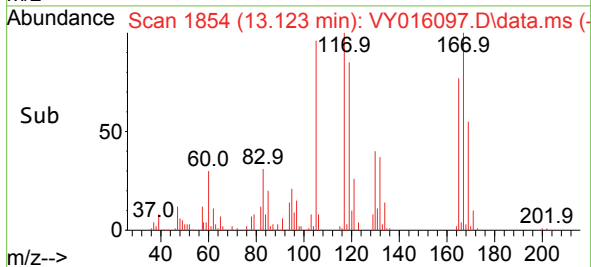
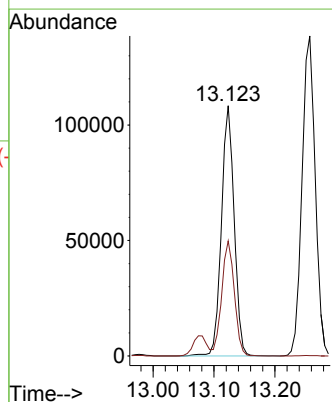
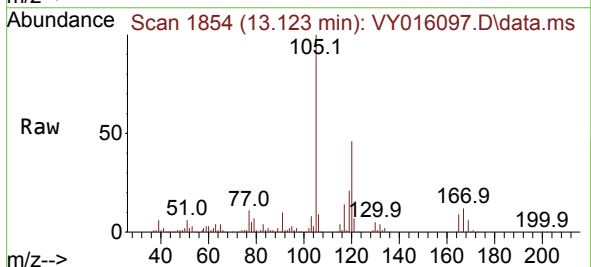
Instrument :
MSVOA_Y
ClientSampleId :

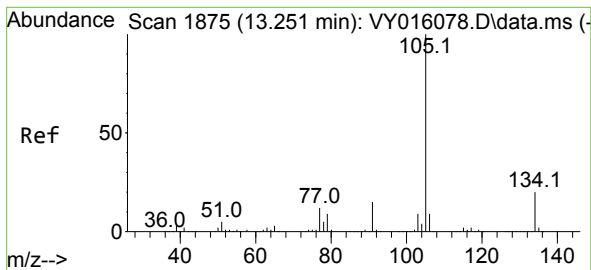
Tgt Ion:119 Resp: 136092
Ion Ratio Lower Upper
119 100
91 63.9 32.9 98.6
134 27.9 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 20.179 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VY016097.D
Acq: 27 Oct 2023 11:23

Tgt Ion:105 Resp: 157761
Ion Ratio Lower Upper
105 100
120 45.9 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.862 ug/l

RT: 13.257 min Scan# 1875

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

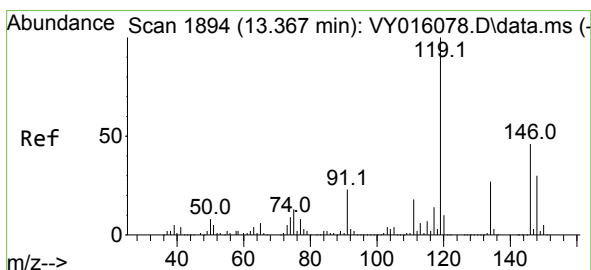
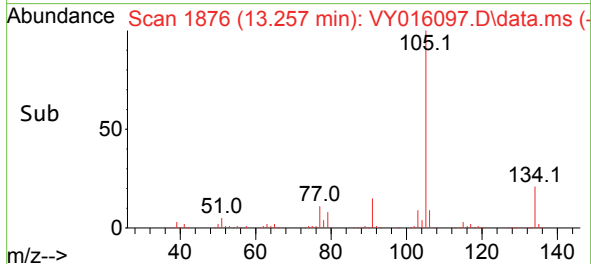
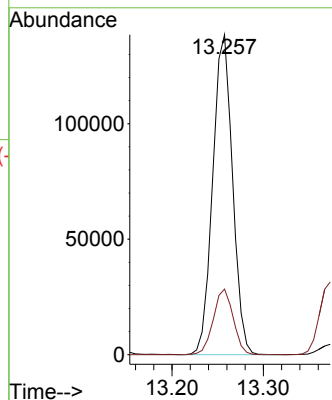
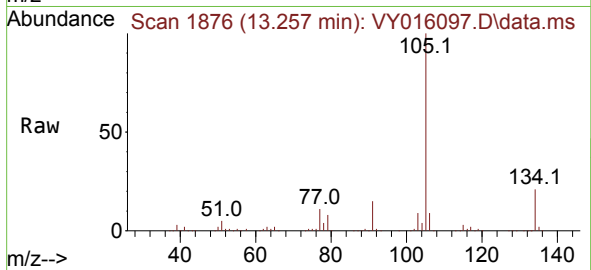
ClientSampleId :

Tgt Ion:105 Resp: 208150

Ion Ratio Lower Upper

105 100

134 20.6 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.646 ug/l

RT: 13.373 min Scan# 1895

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

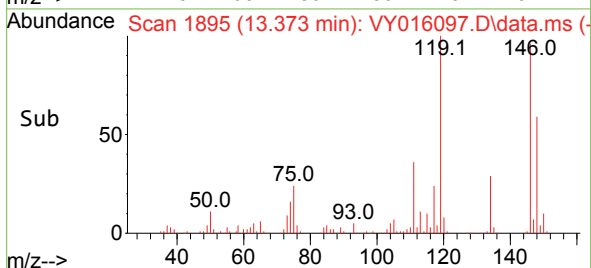
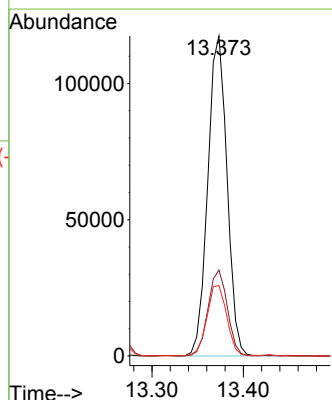
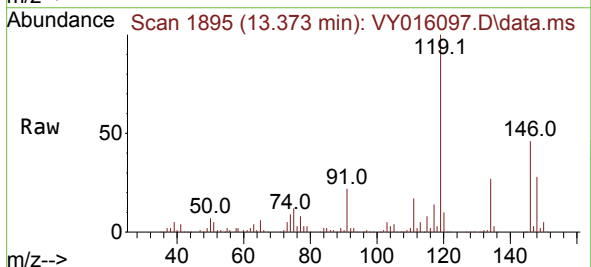
Tgt Ion:119 Resp: 171799

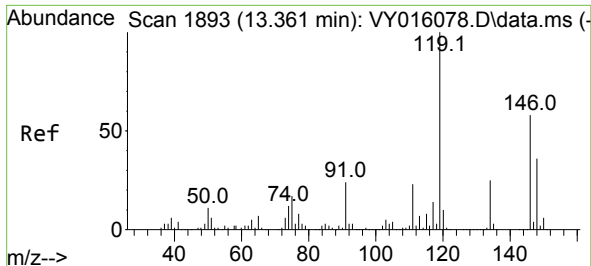
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

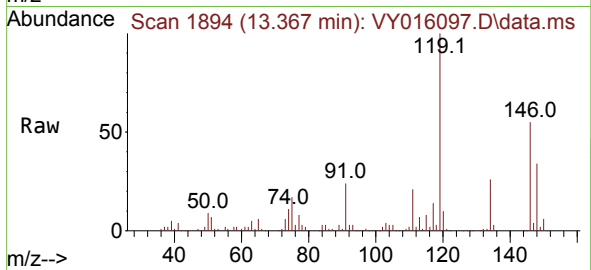
91 22.6 12.4 37.4



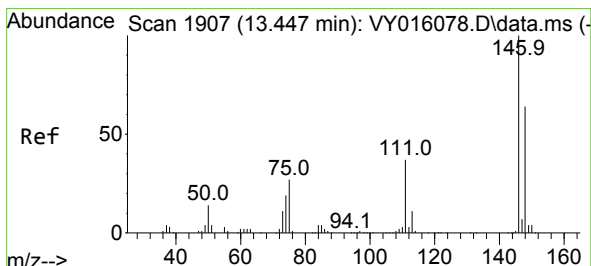
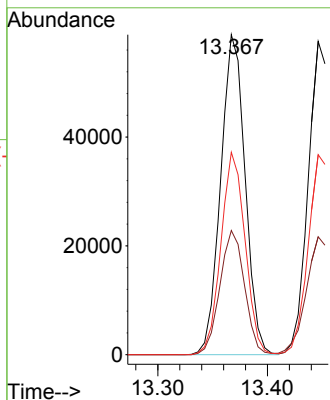
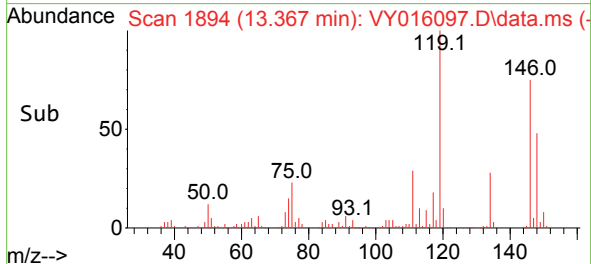


#87
 1,3-Dichlorobenzene
 Concen: 20.280 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VY016097.D
 Acq: 27 Oct 2023 11:23

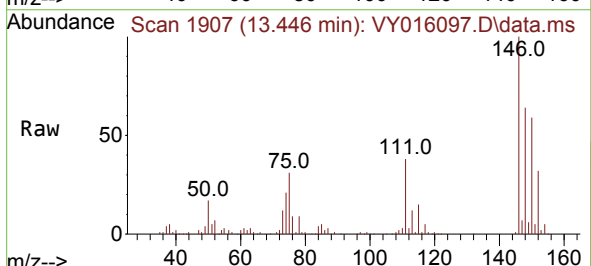
Instrument :
 MSVOA_Y
 ClientSampleId :



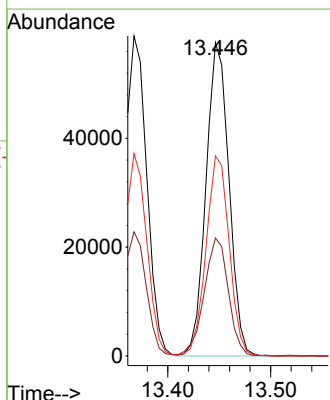
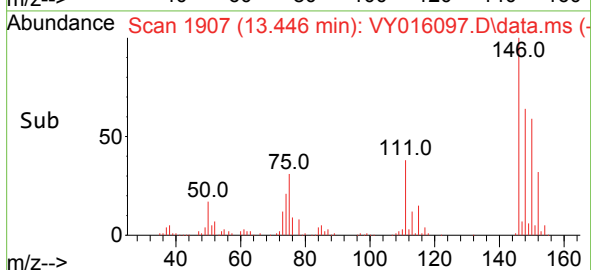
Tgt Ion:146 Resp: 91119
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.4 58.2
 148 62.5 31.9 95.5

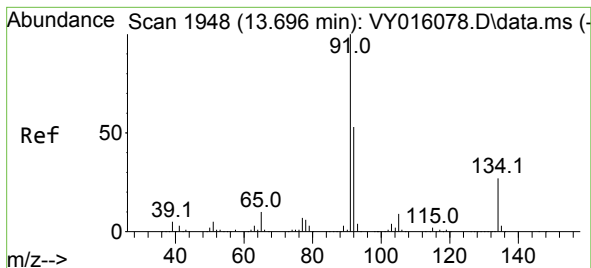


#88
 1,4-Dichlorobenzene
 Concen: 20.143 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VY016097.D
 Acq: 27 Oct 2023 11:23



Tgt Ion:146 Resp: 89447
 Ion Ratio Lower Upper
 146 100
 111 39.7 18.9 56.7
 148 64.4 32.1 96.5





#89

n-Butylbenzene

Concen: 20.091 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

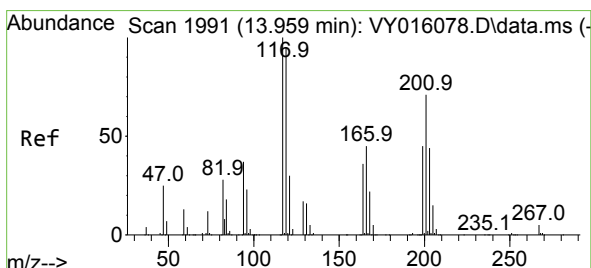
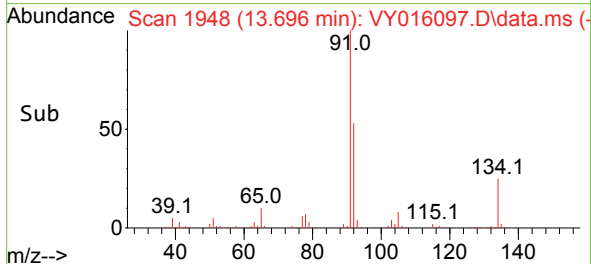
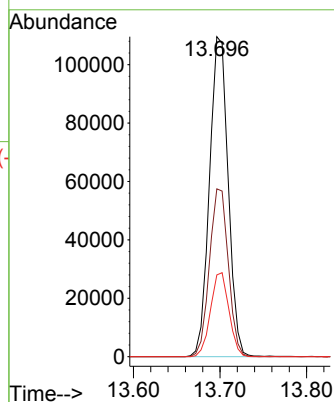
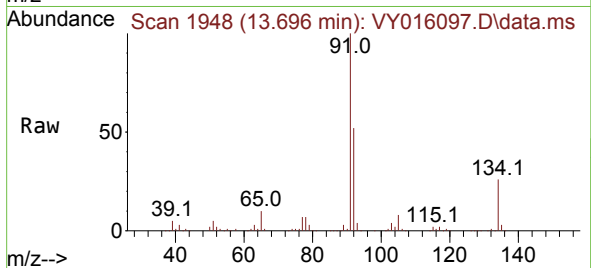
Tgt Ion: 91 Resp: 163889

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 25.9 12.6 37.6



#90

Hexachloroethane

Concen: 19.558 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY016097.D

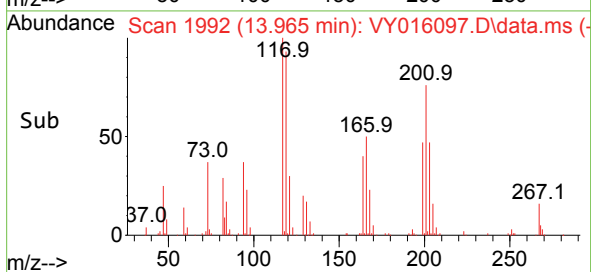
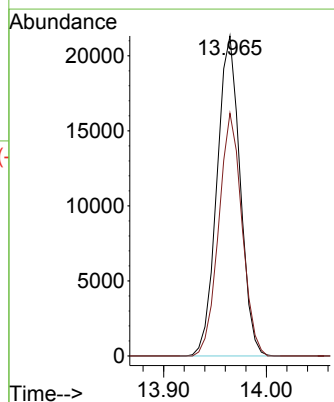
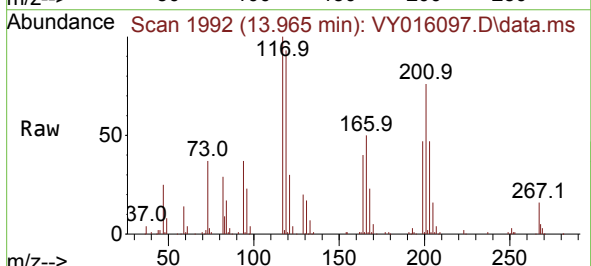
Acq: 27 Oct 2023 11:23

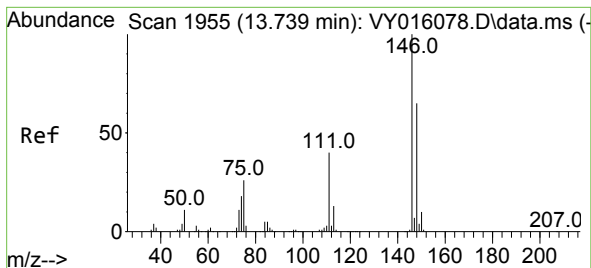
Tgt Ion: 117 Resp: 33298

Ion Ratio Lower Upper

117 100

201 76.2 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.590 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

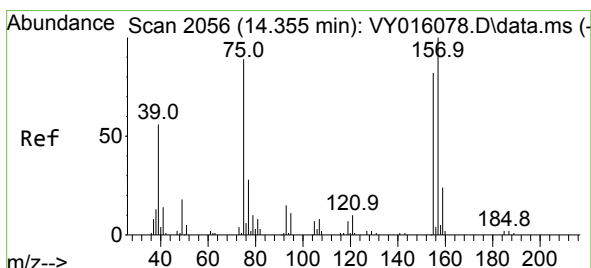
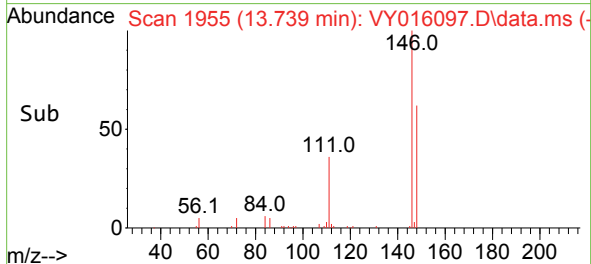
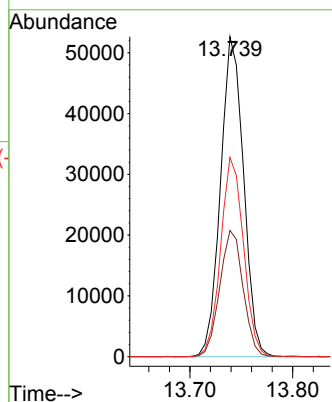
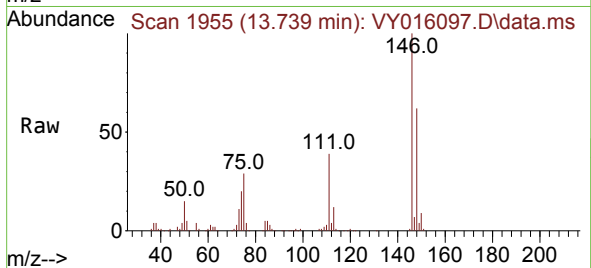
Tgt Ion:146 Resp: 81910

Ion Ratio Lower Upper

146 100

111 39.9 19.7 59.0

148 61.9 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.809 ug/l

RT: 14.361 min Scan# 2057

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

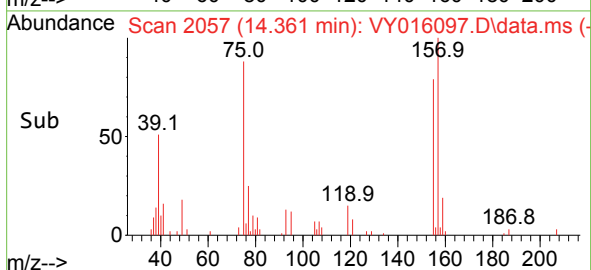
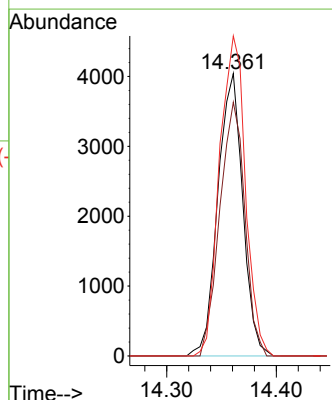
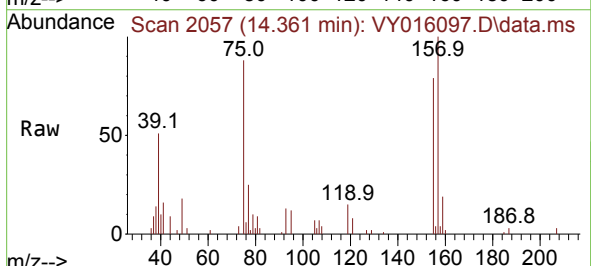
Tgt Ion: 75 Resp: 6367

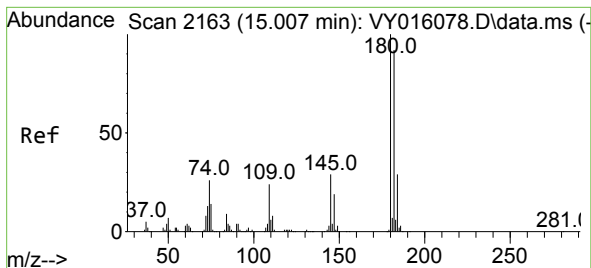
Ion Ratio Lower Upper

75 100

155 90.2 41.5 124.6

157 118.0 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 19.941 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. -0.000 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :

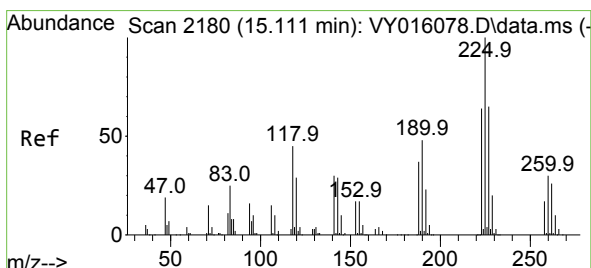
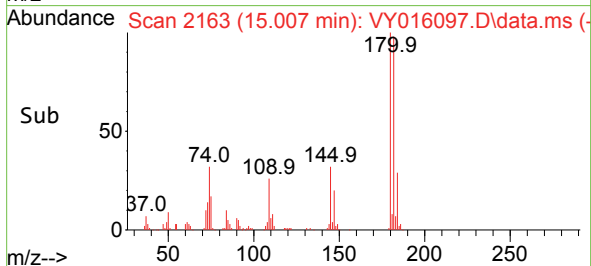
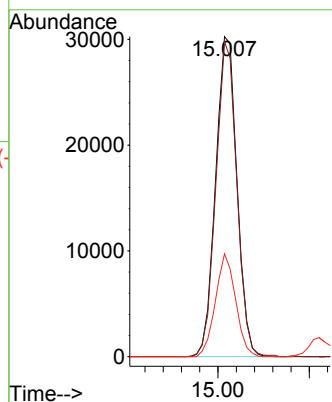
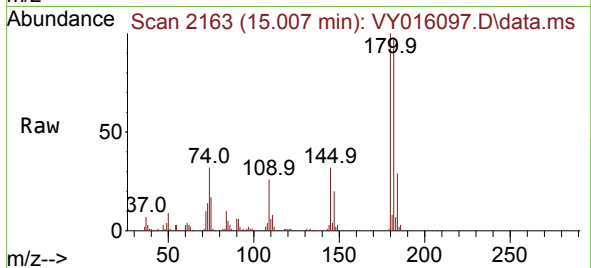
Tgt Ion:180 Resp: 49078

Ion Ratio Lower Upper

180 100

182 96.3 47.0 141.2

145 30.4 14.5 43.5



#94

Hexachlorobutadiene

Concen: 19.479 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

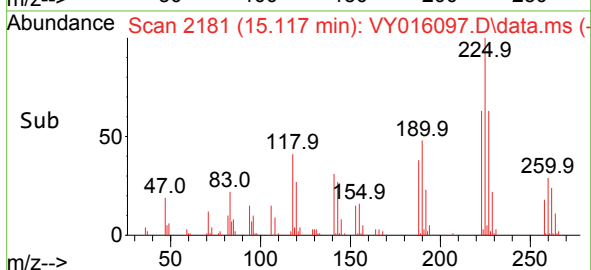
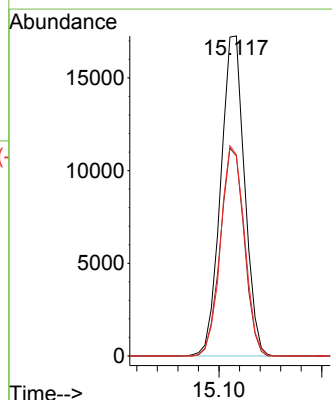
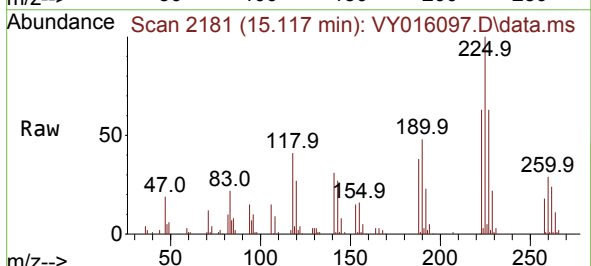
Tgt Ion:225 Resp: 27824

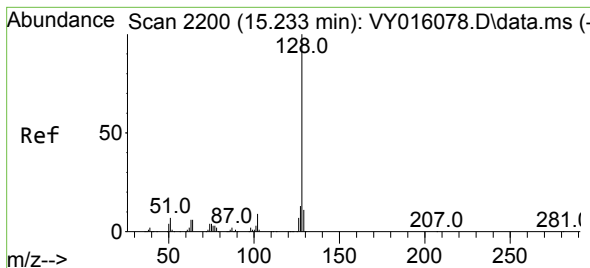
Ion Ratio Lower Upper

225 100

223 64.7 31.9 95.9

227 65.7 33.0 98.9





#95

Naphthalene

Concen: 19.775 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

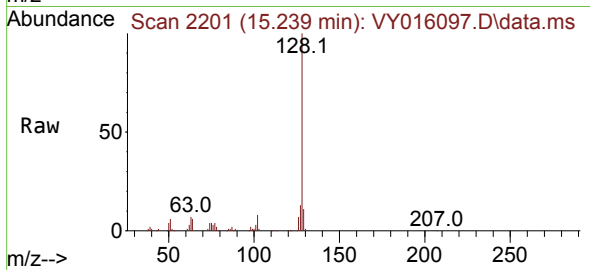
Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Instrument :

MSVOA_Y

ClientSampleId :



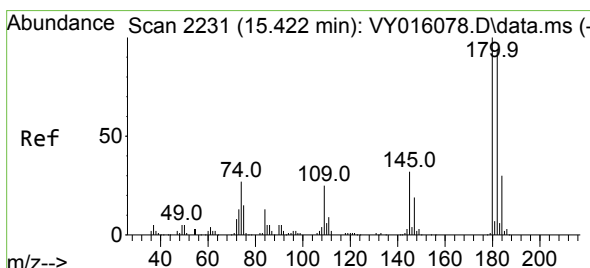
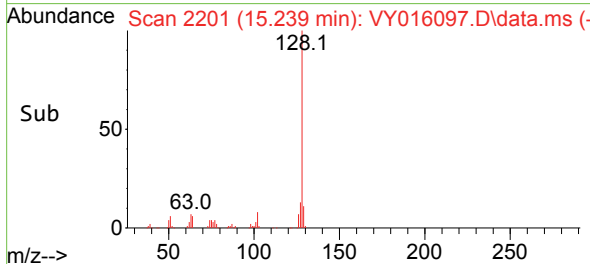
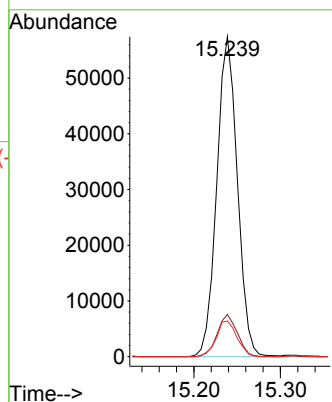
Tgt Ion:128 Resp: 94915

Ion Ratio Lower Upper

128 100

127 12.9 10.8 16.2

129 11.3 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.282 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY016097.D

Acq: 27 Oct 2023 11:23

Tgt Ion:180 Resp: 43047

Ion Ratio Lower Upper

180 100

182 93.0 47.3 141.8

145 32.7 15.4 46.2

