

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016083.D
 Acq On : 26 Oct 2023 17:33
 Operator : SY/MD
 Sample : VY1026SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:19:16 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	204720	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	331724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	302227	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151264	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	99754	49.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.716	113	99489	47.508	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.020%
50) Toluene-d8	10.179	98	374997	48.342	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.680%
62) 4-Bromofluorobenzene	12.483	95	130263	48.955	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.900%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27148	19.215	ug/l	96
3) Chloromethane	2.113	50	34755	20.075	ug/l	99
4) Vinyl Chloride	2.247	62	39340	19.890	ug/l	94
5) Bromomethane	2.638	94	30046	20.438	ug/l	99
6) Chloroethane	2.784	64	27684	20.435	ug/l	96
7) Trichlorofluoromethane	3.119	101	62793	19.839	ug/l	99
8) Diethyl Ether	3.528	74	22013	20.750	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	38288	20.053	ug/l	94
10) Methyl Iodide	4.082	142	47662	19.536	ug/l	97
11) Tert butyl alcohol	4.954	59	31686	126.566	ug/l #	90
12) 1,1-Dichloroethene	3.869	96	34726	19.851	ug/l	91
13) Acrolein	3.723	56	26614	104.969	ug/l	99
14) Allyl chloride	4.473	41	55175	20.177	ug/l	92
15) Acrylonitrile	5.155	53	56315	108.210	ug/l	98
16) Acetone	3.948	43	59952	108.656	ug/l	97
17) Carbon Disulfide	4.192	76	96572	19.957	ug/l	98
18) Methyl Acetate	4.479	43	41706	21.379	ug/l	91
19) Methyl tert-butyl Ether	5.216	73	105460	21.139	ug/l	99
20) Methylene Chloride	4.710	84	58046	23.986	ug/l	86
21) trans-1,2-Dichloroethene	5.216	96	41765	20.596	ug/l	95
22) Diisopropyl ether	6.119	45	124647	20.845	ug/l	89
23) Vinyl Acetate	6.058	43	339915	106.098	ug/l	95
24) 1,1-Dichloroethane	6.009	63	74419	20.658	ug/l	97
25) 2-Butanone	6.978	43	81452	109.378	ug/l	99
26) 2,2-Dichloropropane	6.978	77	66995	20.005	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	49276	20.692	ug/l	92
28) Bromochloromethane	7.332	49	31777	21.561	ug/l	93
29) Tetrahydrofuran	7.344	42	46808	109.551	ug/l	91
30) Chloroform	7.503	83	79203	20.812	ug/l	96
31) Cyclohexane	7.783	56	63213	19.739	ug/l	91
32) 1,1,1-Trichloroethane	7.698	97	69145	20.256	ug/l	97
36) 1,1-Dichloropropene	7.917	75	57531	19.708	ug/l	98
37) Ethyl Acetate	7.070	43	32827	21.940	ug/l #	94
38) Carbon Tetrachloride	7.899	117	62091	20.114	ug/l	96
39) Methylcyclohexane	9.179	83	69387	19.512	ug/l	91
40) Benzene	8.155	78	169893	20.557	ug/l	100

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	15519	19.819	ug/l	93
42) 1,2-Dichloroethane	8.234	62	51035	21.371	ug/l	94
43) Isopropyl Acetate	8.271	43	60049	21.465	ug/l	93
44) Trichloroethene	8.935	130	47190	20.448	ug/l	98
45) 1,2-Dichloropropane	9.216	63	43740	20.911	ug/l	96
46) Dibromomethane	9.301	93	26087	21.270	ug/l	96
47) Bromodichloromethane	9.496	83	61020	20.572	ug/l	100
48) Methyl methacrylate	9.289	41	26891	20.865	ug/l	87
49) 1,4-Dioxane	9.295	88	7248	472.342	ug/l #	68
51) 4-Methyl-2-Pentanone	10.069	43	161841	109.636	ug/l	92
52) Toluene	10.240	92	110410	20.804	ug/l	94
53) t-1,3-Dichloropropene	10.465	75	63313	20.874	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	70994	20.697	ug/l	91
55) 1,1,2-Trichloroethane	10.642	97	36033	20.678	ug/l	97
56) Ethyl methacrylate	10.508	69	47298	21.120	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	61941	21.264	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	123535	110.803	ug/l	94
59) 2-Hexanone	10.831	43	120878	111.163	ug/l	90
60) Dibromochloromethane	10.984	129	44822	21.004	ug/l	99
61) 1,2-Dibromoethane	11.087	107	35780	21.443	ug/l	100
64) Tetrachloroethene	10.721	164	39858	19.929	ug/l	96
65) Chlorobenzene	11.514	112	121278	20.420	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	45510	20.518	ug/l	99
67) Ethyl Benzene	11.593	91	211991	20.095	ug/l	99
68) m/p-Xylenes	11.703	106	166515	40.788	ug/l	93
69) o-Xylene	12.026	106	78857	20.176	ug/l	97
70) Styrene	12.044	104	133637	20.512	ug/l	96
71) Bromoform	12.209	173	28401	21.021	ug/l #	98
73) Isopropylbenzene	12.331	105	210174	19.743	ug/l	99
74) N-amyl acetate	12.142	43	54015	20.809	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.581	83	45301	20.817	ug/l	100
76) 1,2,3-Trichloropropane	12.630	75	56935	36.867	ug/l #	100
77) Bromobenzene	12.605	156	50241	20.222	ug/l	98
78) n-propylbenzene	12.672	91	256038	19.864	ug/l	99
79) 2-Chlorotoluene	12.758	91	142695	19.767	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	175267	19.830	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.380	75	14923	20.999	ug/l	92
82) 4-Chlorotoluene	12.855	91	149607	19.984	ug/l	99
83) tert-Butylbenzene	13.075	119	155580	19.803	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	175446	20.099	ug/l	98
85) sec-Butylbenzene	13.251	105	232937	19.907	ug/l	99
86) p-Isopropyltoluene	13.367	119	193162	19.783	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	98798	19.694	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	101493	20.470	ug/l	99
89) n-Butylbenzene	13.697	91	181292	19.905	ug/l	97
90) Hexachloroethane	13.959	117	36526	19.215	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	91292	20.553	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7003	20.499	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	56952	20.725	ug/l	98
94) Hexachlorobutadiene	15.111	225	31935	20.023	ug/l	99
95) Naphthalene	15.233	128	113032	21.091	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	49513	20.894	ug/l	99

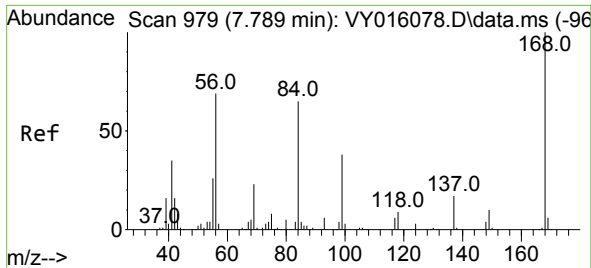
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
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Response via : Initial Calibration

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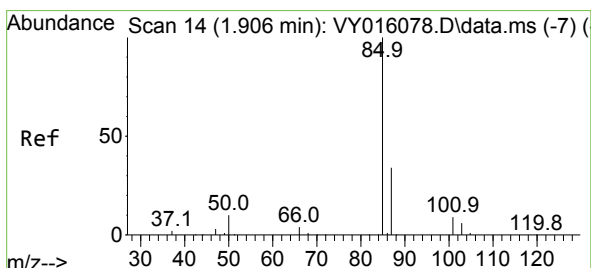
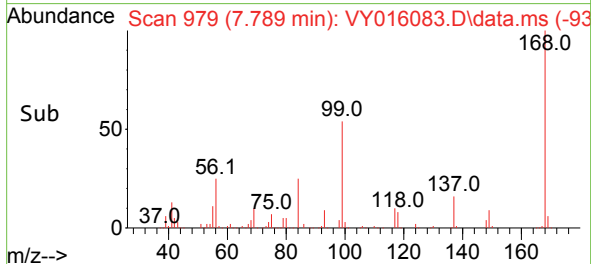
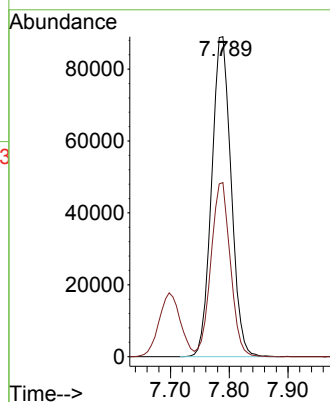
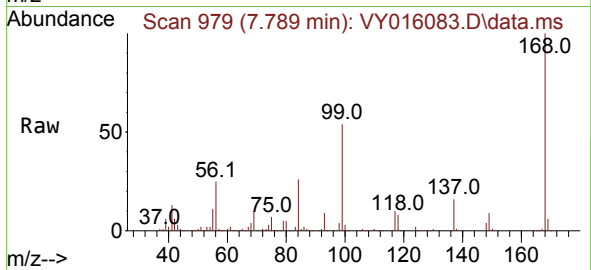
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016083.D
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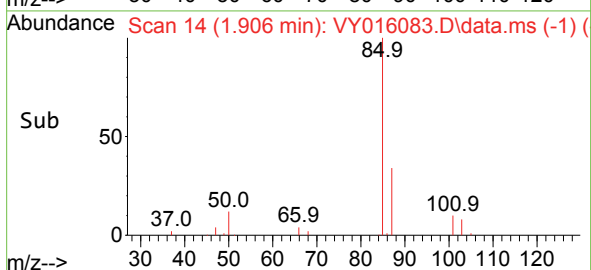
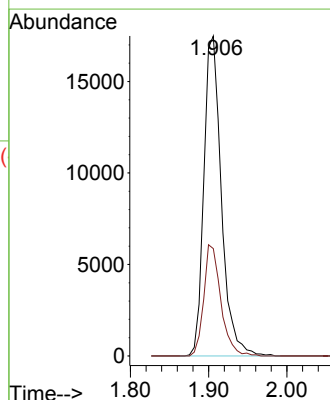
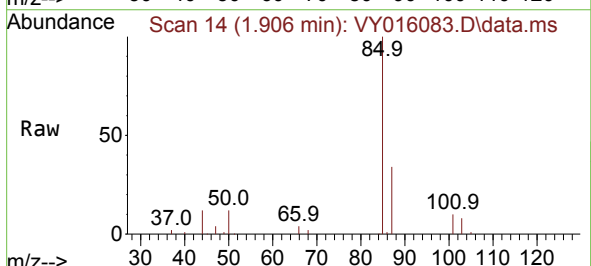
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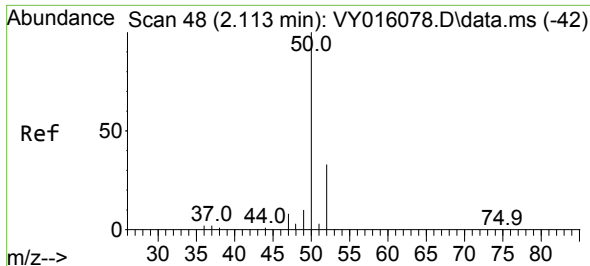
Tgt Ion:168 Resp: 204720
Ion Ratio Lower Upper
168 100
99 54.4 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 19.215 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 85 Resp: 27148
Ion Ratio Lower Upper
85 100
87 33.6 15.6 46.8

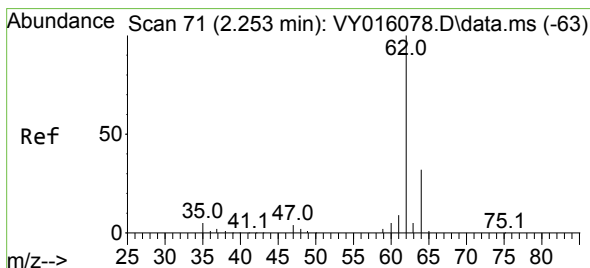
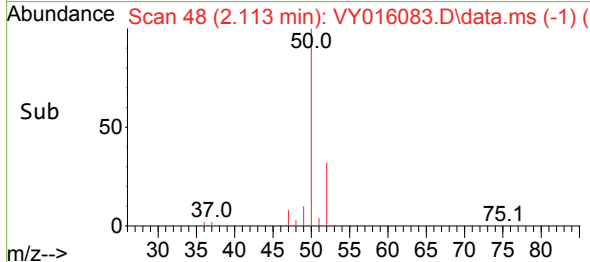
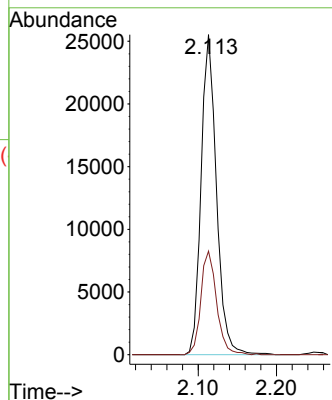
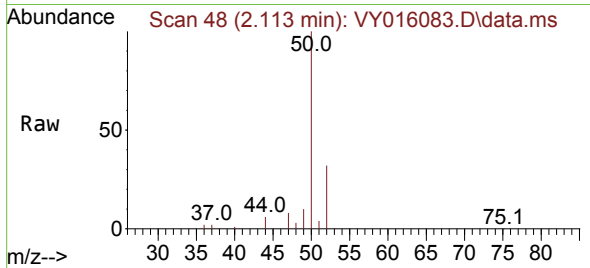




#3
Chloromethane
Concen: 20.075 ug/l
RT: 2.113 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

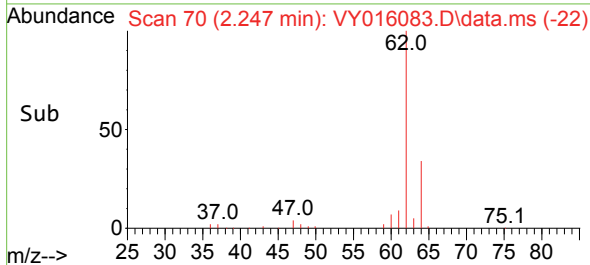
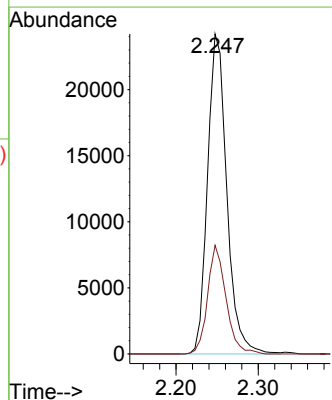
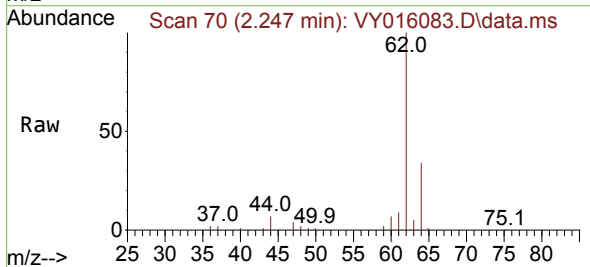
Instrument :
MSVOA_Y
ClientSampleId :

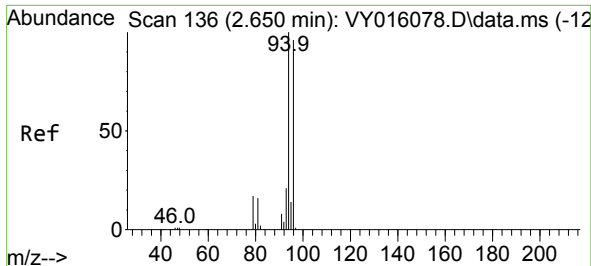
Tgt Ion: 50 Resp: 34755
Ion Ratio Lower Upper
50 100
52 32.4 25.4 38.2



#4
Vinyl Chloride
Concen: 19.890 ug/l
RT: 2.247 min Scan# 70
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 62 Resp: 39340
Ion Ratio Lower Upper
62 100
64 33.9 24.3 36.5

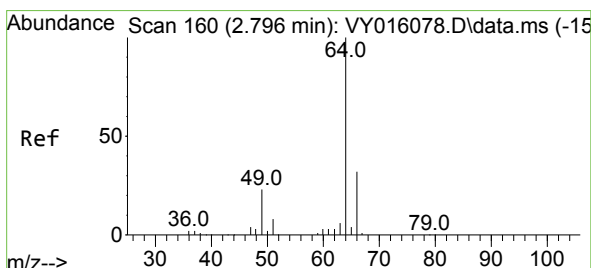
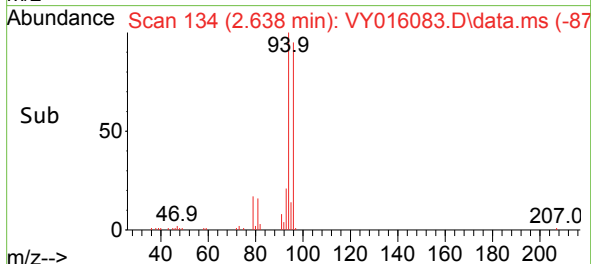
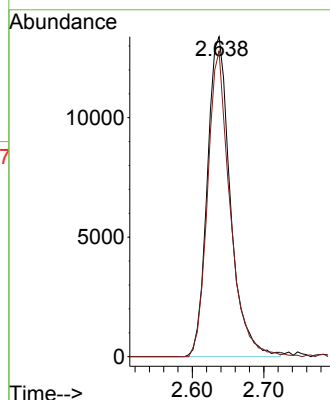
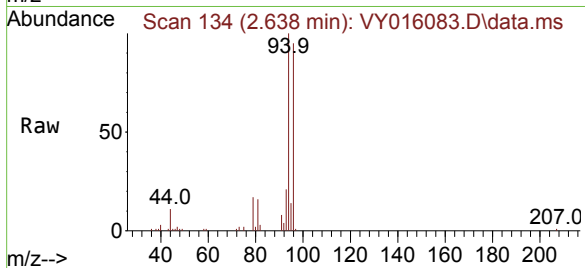




#5
Bromomethane
Concen: 20.438 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

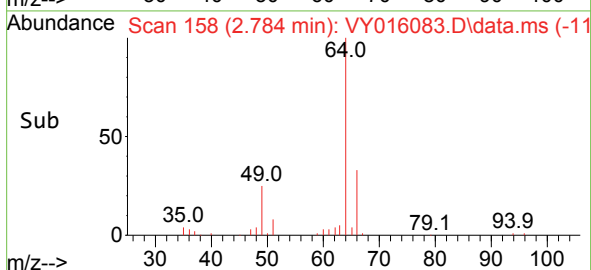
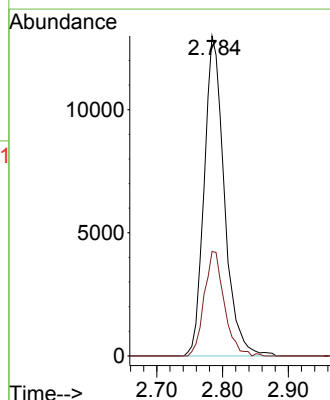
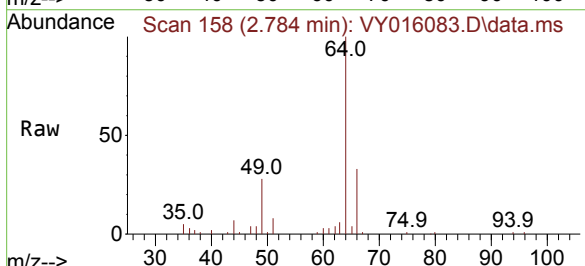
Instrument :
MSVOA_Y
ClientSampleId :

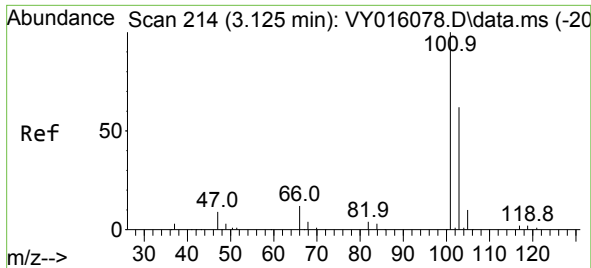
Tgt Ion: 94 Resp: 30046
Ion Ratio Lower Upper
94 100
96 95.5 75.8 113.6



#6
Chloroethane
Concen: 20.435 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 64 Resp: 27684
Ion Ratio Lower Upper
64 100
66 32.6 24.4 36.6

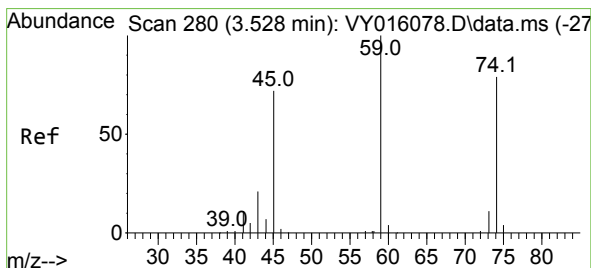
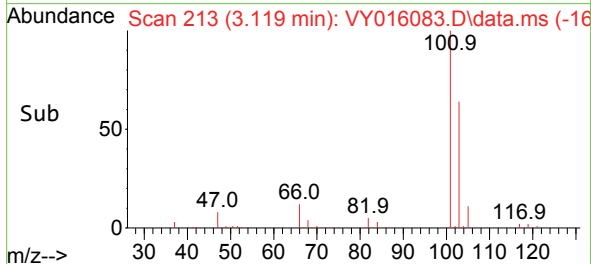
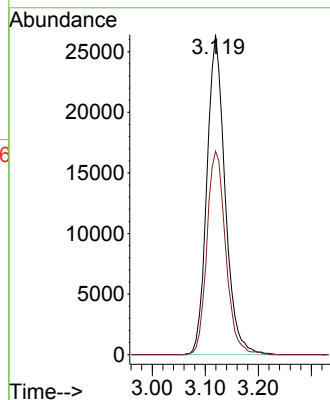
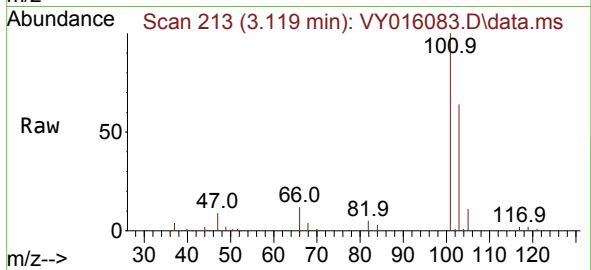




#7
 Trichlorofluoromethane
 Concen: 19.839 ug/l
 RT: 3.119 min Scan# 214
 Delta R.T. -0.006 min
 Lab File: VY016083.D
 Acq: 26 Oct 2023 17:33

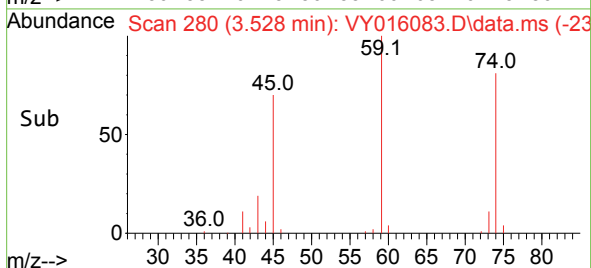
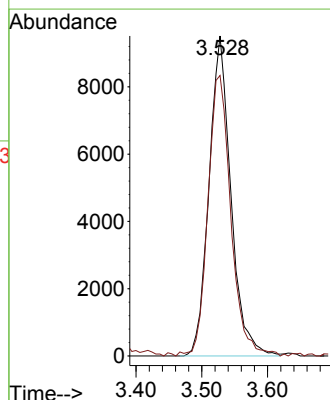
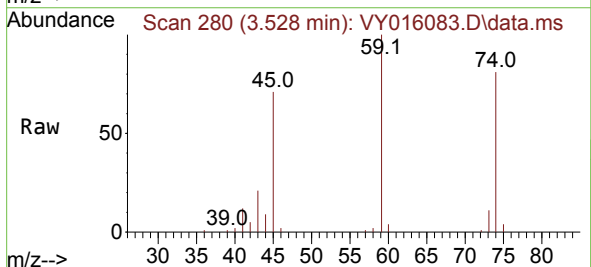
Instrument :
 MSVOA_Y
 ClientSampleId :

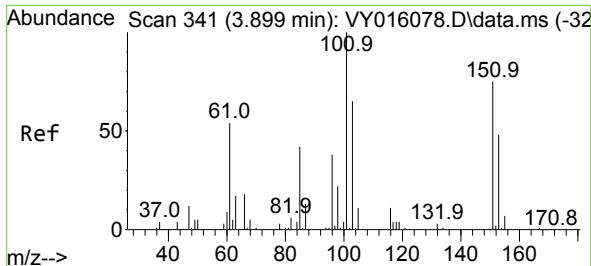
Tgt Ion:101 Resp: 62793
 Ion Ratio Lower Upper
 101 100
 103 63.6 51.4 77.0



#8
 Diethyl Ether
 Concen: 20.750 ug/l
 RT: 3.528 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY016083.D
 Acq: 26 Oct 2023 17:33

Tgt Ion: 74 Resp: 22013
 Ion Ratio Lower Upper
 74 100
 45 92.0 51.5 154.5

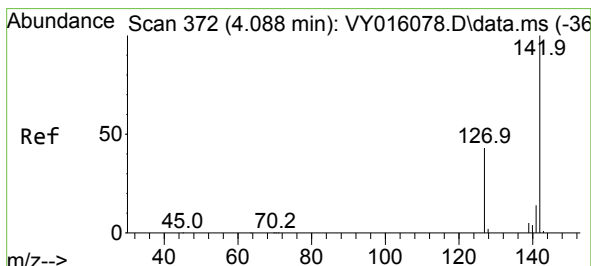
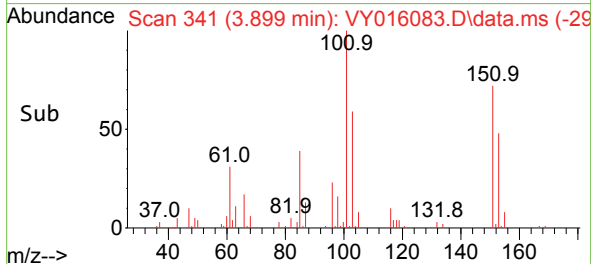
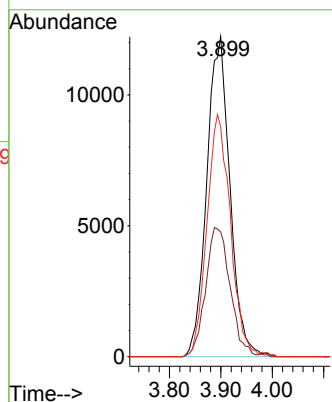
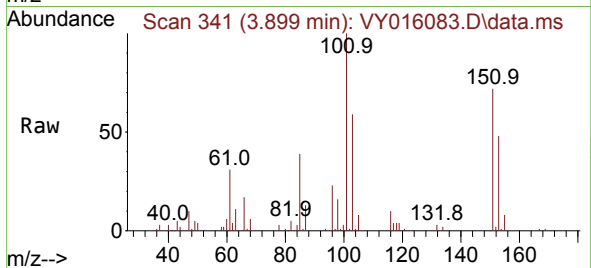




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.053 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

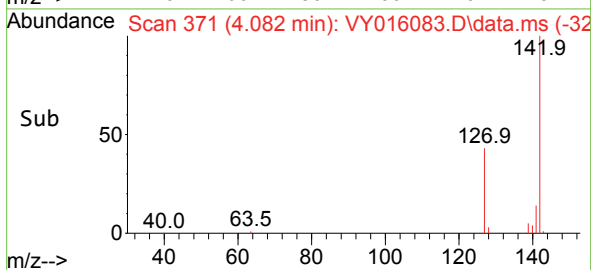
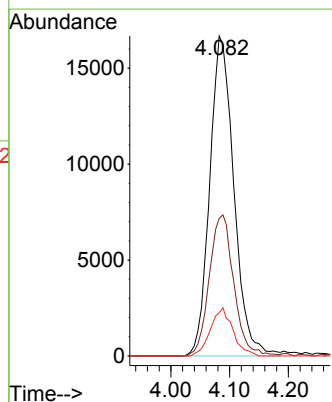
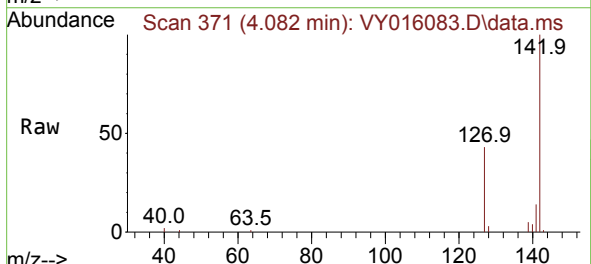
Instrument :
MSVOA_Y
ClientSampleId :

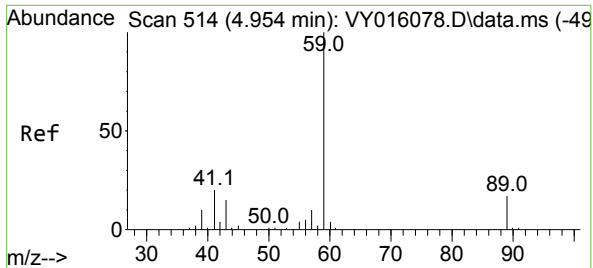
Tgt Ion:101 Resp: 38288
Ion Ratio Lower Upper
101 100
85 42.7 36.6 55.0
151 77.1 67.0 100.6



#10
Methyl Iodide
Concen: 19.536 ug/l
RT: 4.082 min Scan# 371
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion:142 Resp: 47662
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 13.9 11.8 17.8

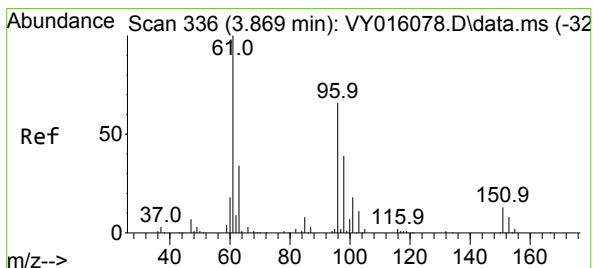
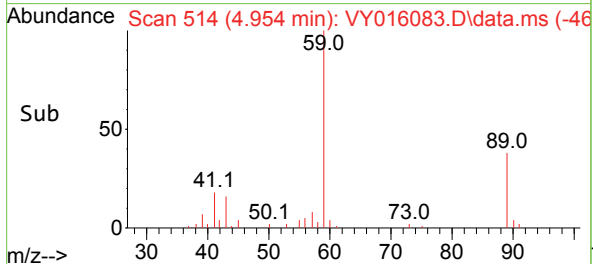
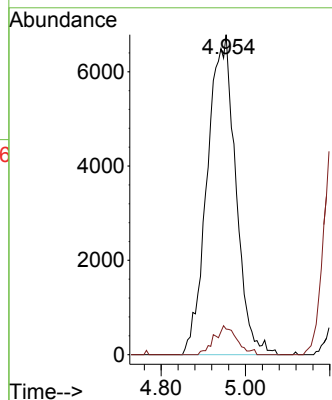
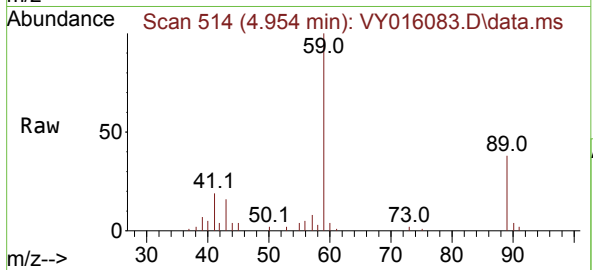




#11
Tert butyl alcohol
Concen: 126.566 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

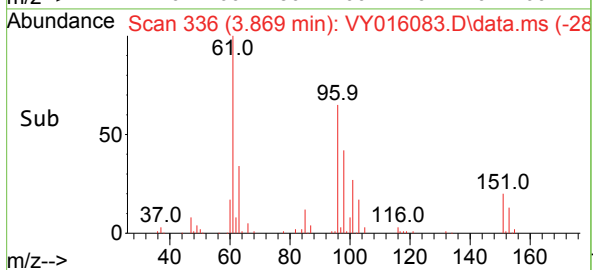
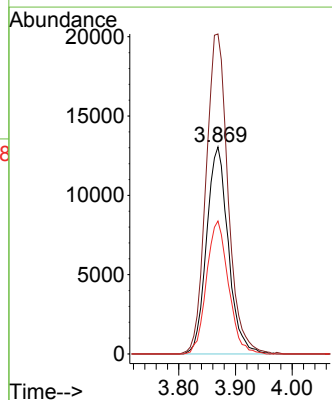
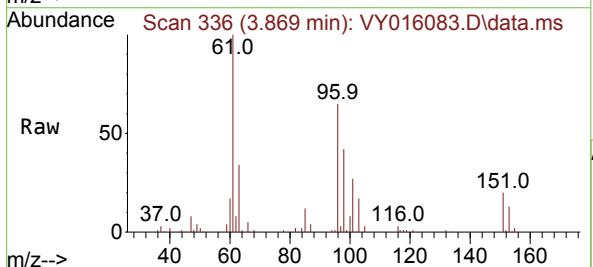
Instrument :
MSVOA_Y
ClientSampleId :

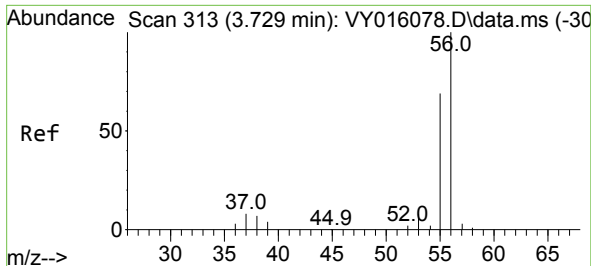
Tgt Ion: 59 Resp: 31686
Ion Ratio Lower Upper
59 100
57 7.1 3.0 4.4#



#12
1,1-Dichloroethene
Concen: 19.851 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 96 Resp: 34726
Ion Ratio Lower Upper
96 100
61 154.6 136.4 204.6
98 64.2 49.4 74.2





#13

Acrolein

Concen: 104.969 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.006 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

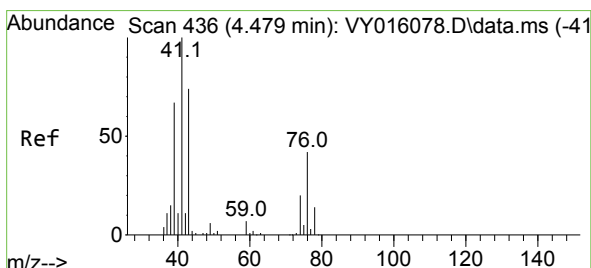
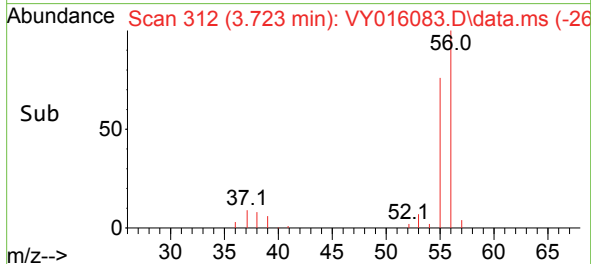
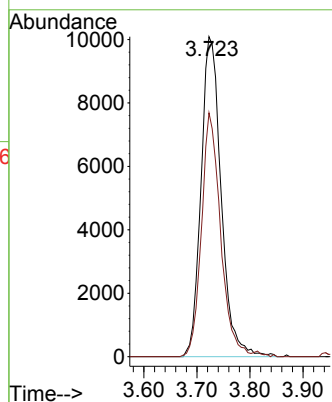
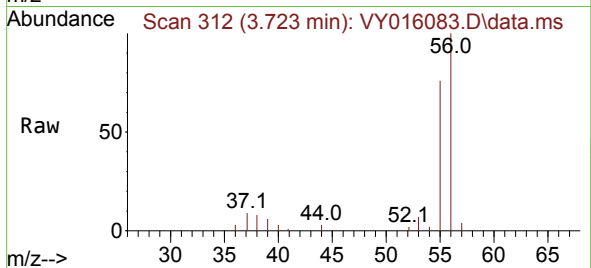
ClientSampleId :

Tgt Ion: 56 Resp: 26614

Ion Ratio Lower Upper

56 100

55 72.0 57.0 85.4



#14

Allyl chloride

Concen: 20.177 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

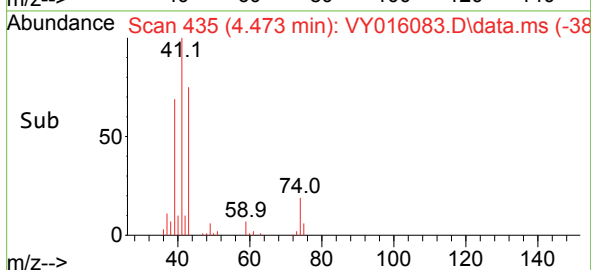
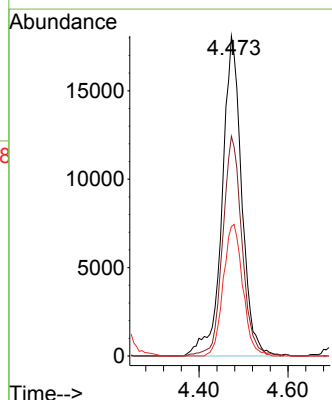
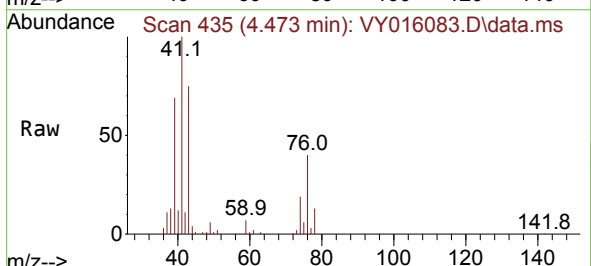
Tgt Ion: 41 Resp: 55175

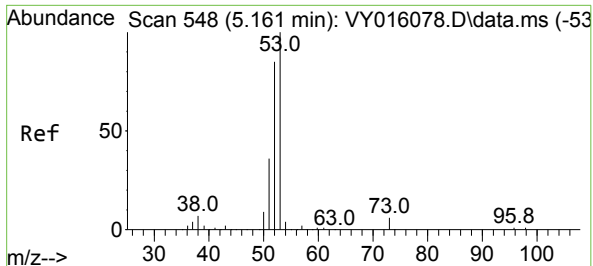
Ion Ratio Lower Upper

41 100

39 67.6 58.0 87.0

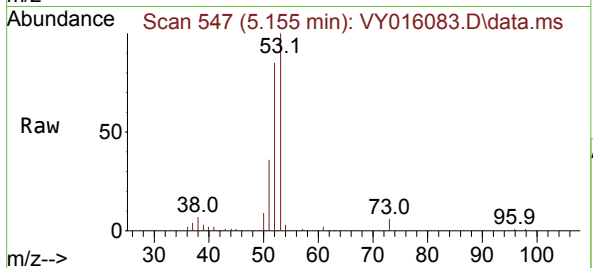
76 40.9 27.4 41.2



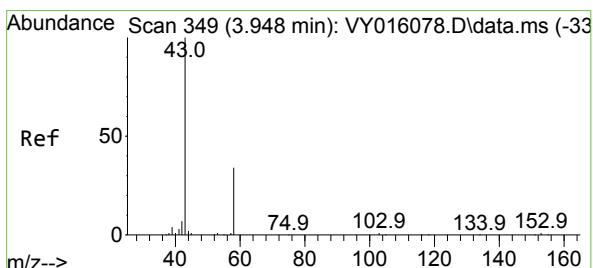
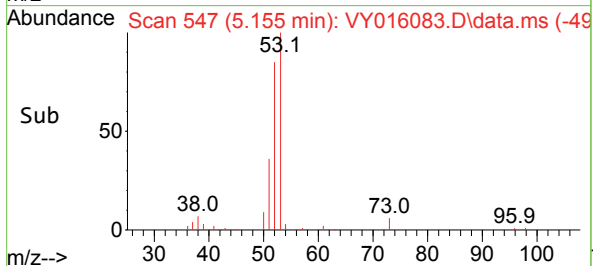
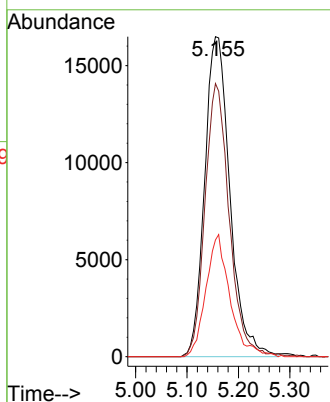


#15
Acrylonitrile
Concen: 108.210 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Instrument :
MSVOA_Y
ClientSampleId :

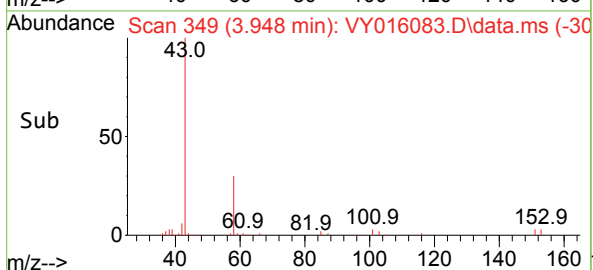
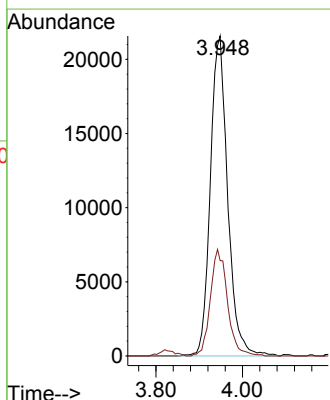
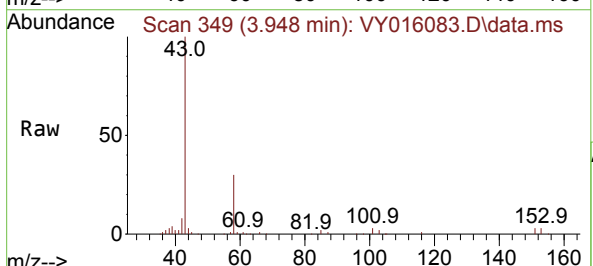


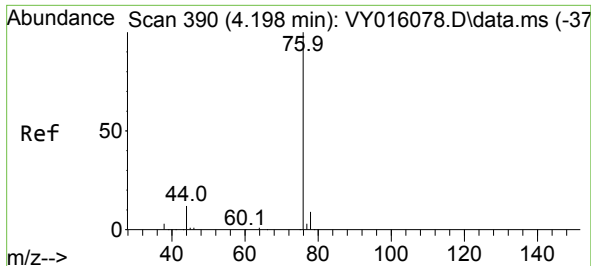
Tgt Ion:	53	Resp:	56315
Ion	Ratio	Lower	Upper
53	100		
52	81.8	66.9	100.3
51	36.5	29.8	44.6



#16
Acetone
Concen: 108.656 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion:	43	Resp:	59952
Ion	Ratio	Lower	Upper
43	100		
58	29.8	22.7	34.1





#17

Carbon Disulfide

Concen: 19.957 ug/l

RT: 4.192 min Scan# 3

Delta R.T. -0.006 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

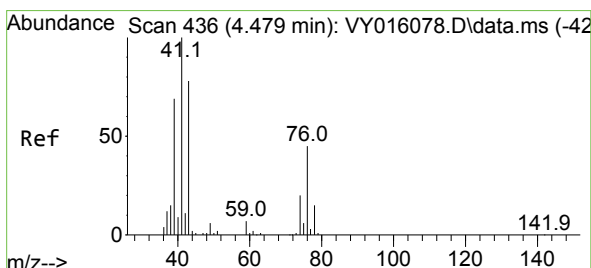
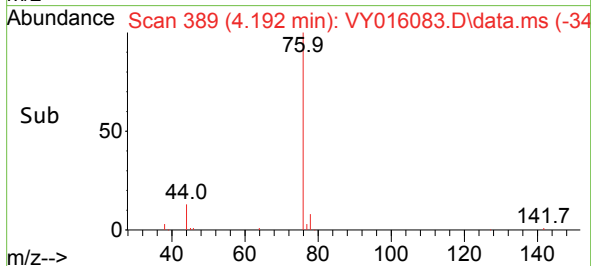
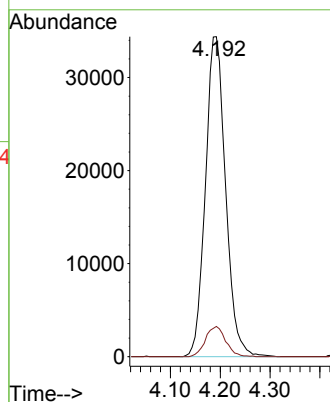
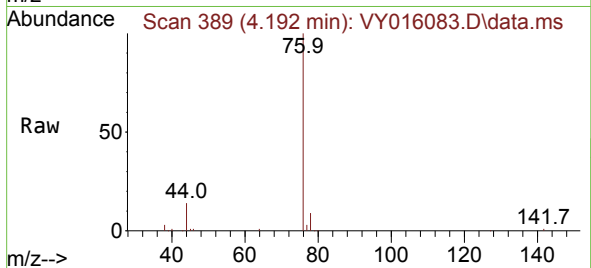
ClientSampleId :

Tgt Ion: 76 Resp: 96572

Ion Ratio Lower Upper

76 100

78 9.5 7.0 10.4



#18

Methyl Acetate

Concen: 21.379 ug/l

RT: 4.479 min Scan# 436

Delta R.T. 0.000 min

Lab File: VY016083.D

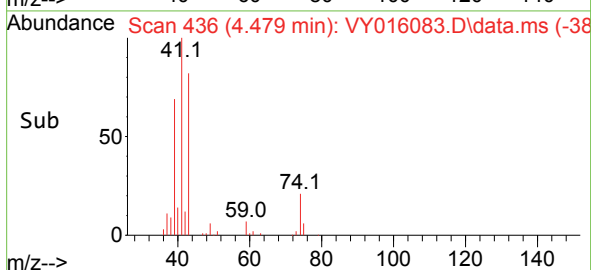
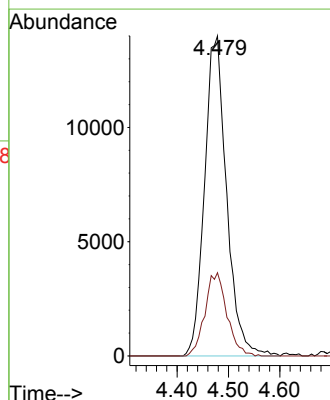
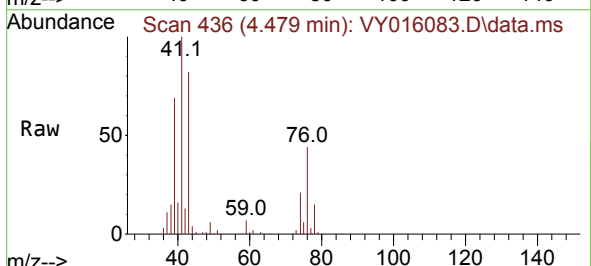
Acq: 26 Oct 2023 17:33

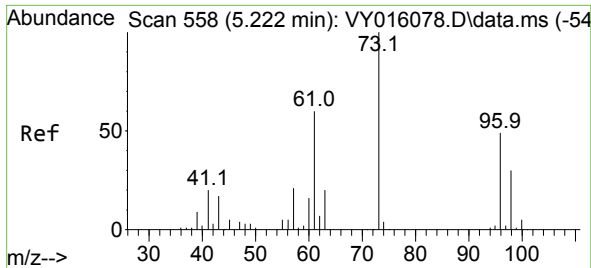
Tgt Ion: 43 Resp: 41706

Ion Ratio Lower Upper

43 100

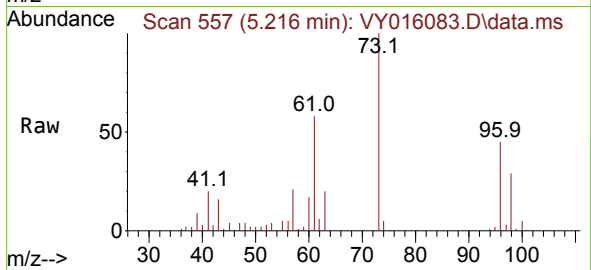
74 25.9 17.4 26.0



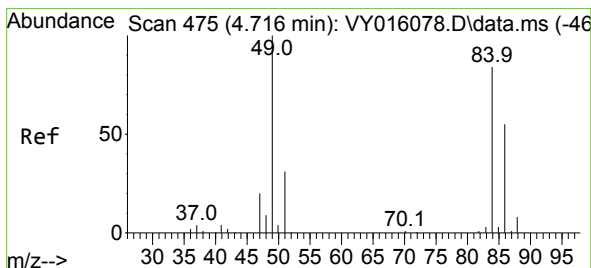
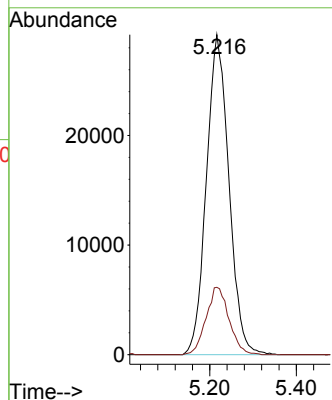
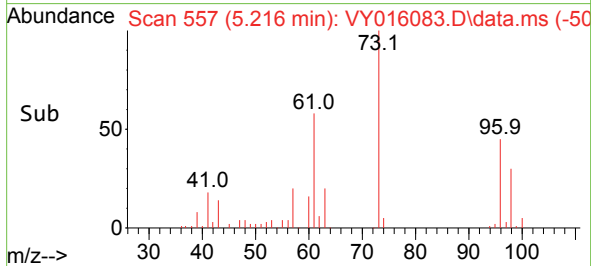


#19
Methyl tert-butyl Ether
Concen: 21.139 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

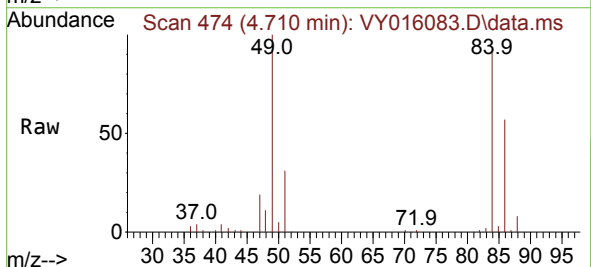
Instrument :
MSVOA_Y
ClientSampleId :



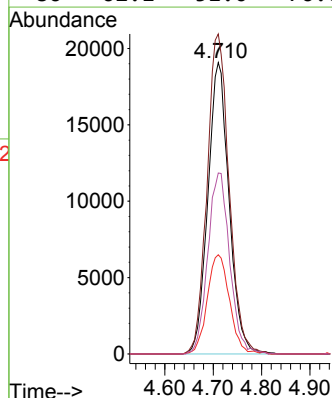
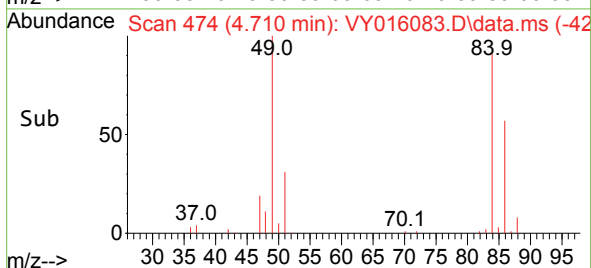
Tgt Ion: 73 Resp: 105460
Ion Ratio Lower Upper
73 100
57 21.0 17.3 25.9

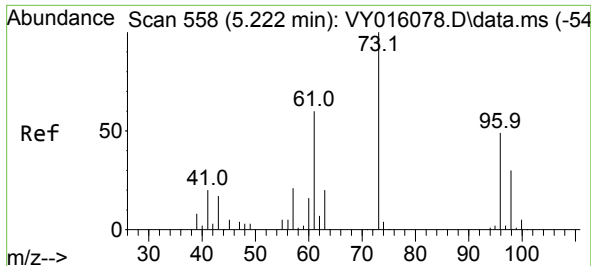


#20
Methylene Chloride
Concen: 23.986 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33



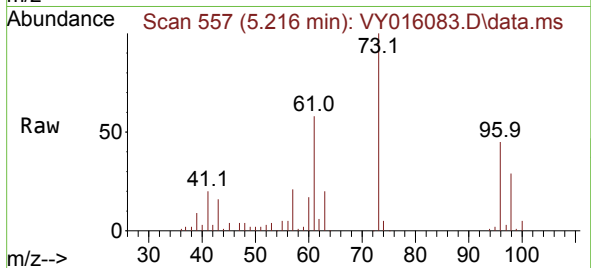
Tgt Ion: 84 Resp: 58046
Ion Ratio Lower Upper
84 100
49 109.8 106.9 160.3
51 34.1 33.2 49.8
86 62.1 51.0 76.6



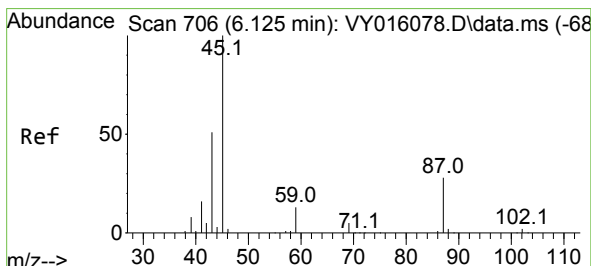
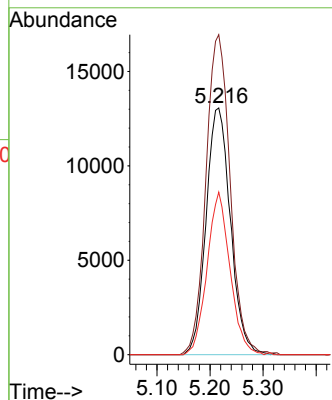
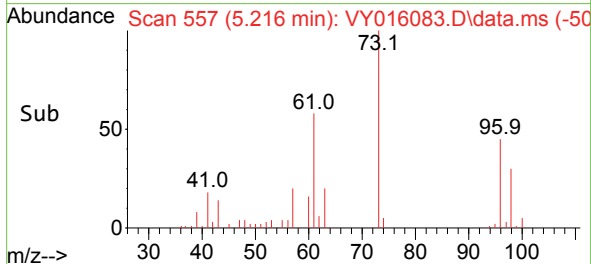


#21
trans-1,2-Dichloroethene
Concen: 20.596 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

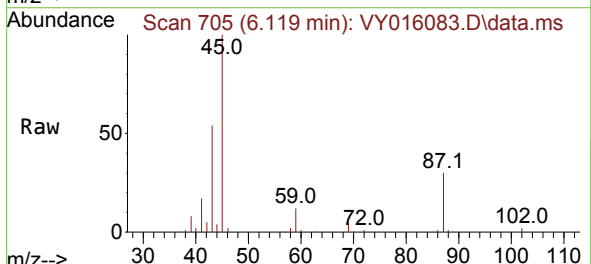
Instrument :
MSVOA_Y
ClientSampleId :



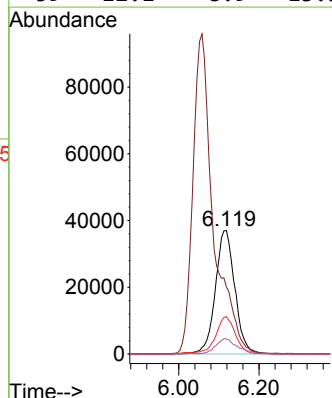
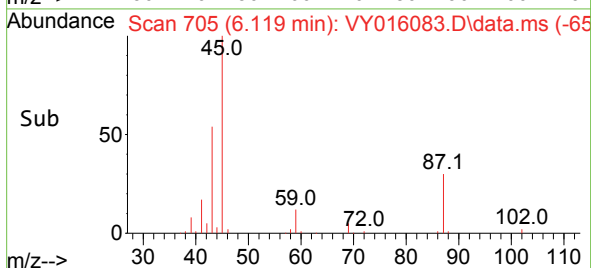
Tgt Ion: 96 Resp: 41765
Ion Ratio Lower Upper
96 100
61 129.7 110.2 165.4
98 65.9 51.8 77.6

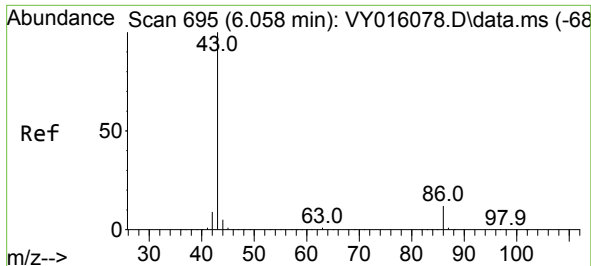


#22
Diisopropyl ether
Concen: 20.845 ug/l
RT: 6.119 min Scan# 705
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33



Tgt Ion: 45 Resp: 124647
Ion Ratio Lower Upper
45 100
43 54.0 52.2 78.4
87 30.2 21.0 31.6
59 12.1 8.9 13.3

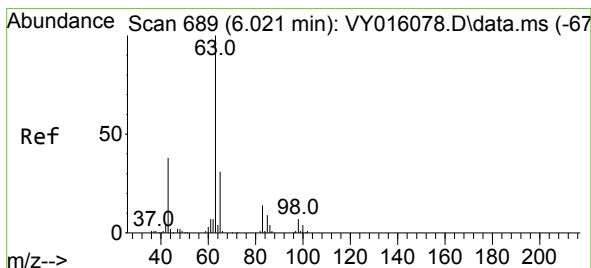
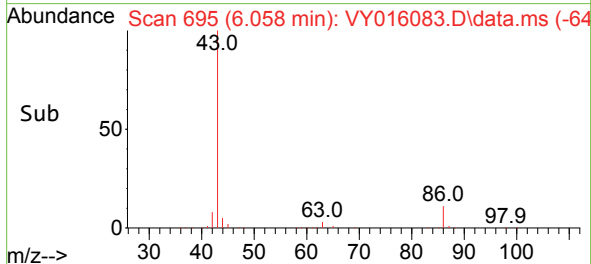
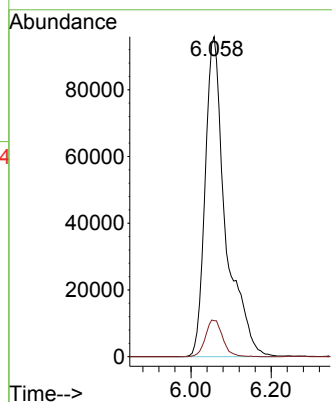
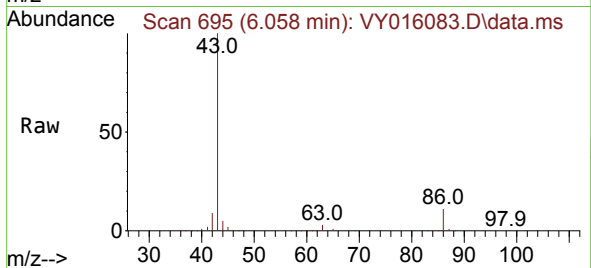




#23
 Vinyl Acetate
 Concen: 106.098 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY016083.D
 Acq: 26 Oct 2023 17:33

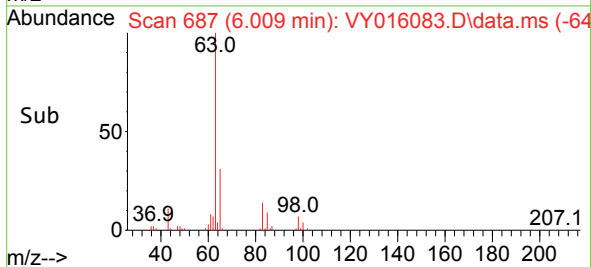
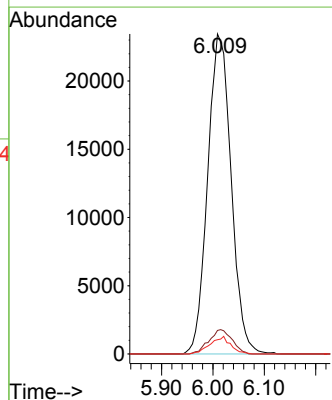
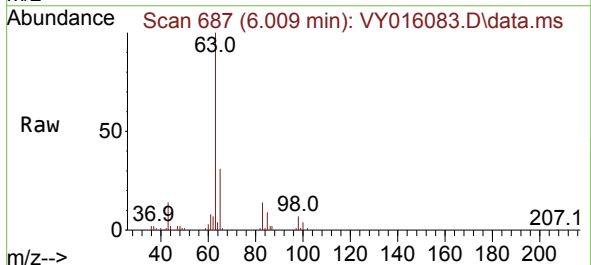
Instrument :
 MSVOA_Y
 ClientSampleId :

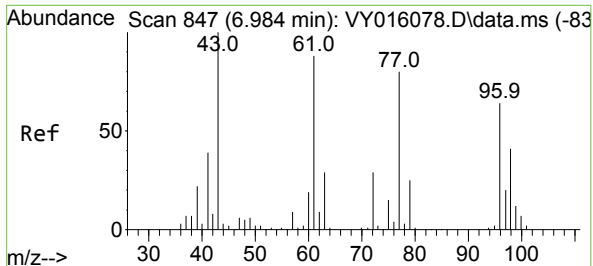
Tgt Ion: 43 Resp: 339915
 Ion Ratio Lower Upper
 43 100
 86 11.2 7.5 11.3



#24
 1,1-Dichloroethane
 Concen: 20.658 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. -0.012 min
 Lab File: VY016083.D
 Acq: 26 Oct 2023 17:33

Tgt Ion: 63 Resp: 74419
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.1 9.4
 100 4.4 1.8 5.5





#25

2-Butanone

Concen: 109.378 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

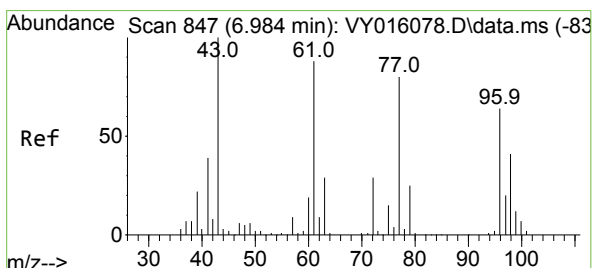
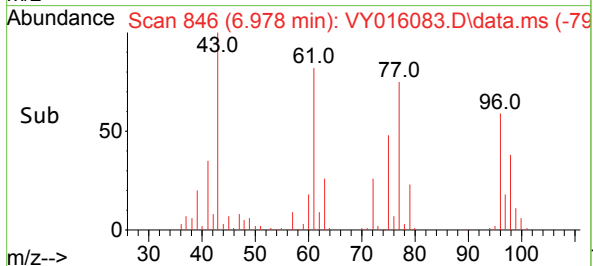
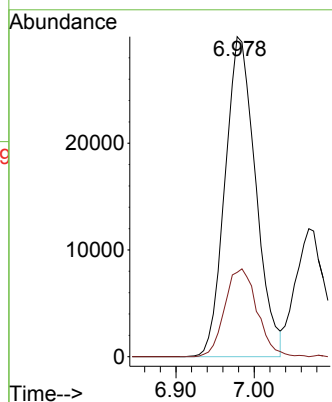
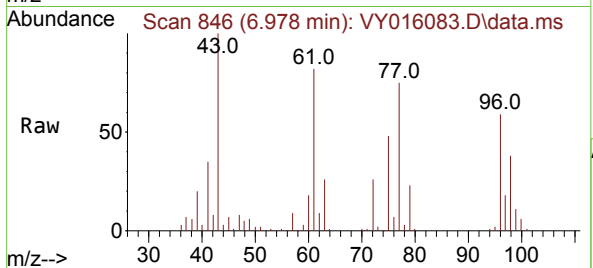
ClientSampleId :

Tgt Ion: 43 Resp: 81452

Ion Ratio Lower Upper

43 100

72 26.3 20.5 30.7



#26

2,2-Dichloropropane

Concen: 20.005 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016083.D

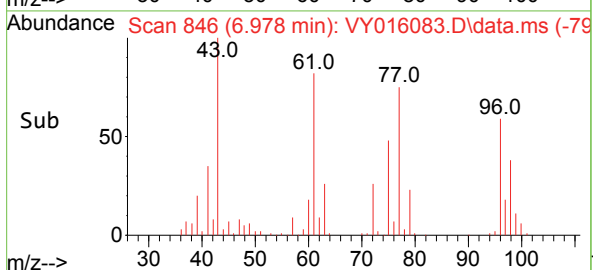
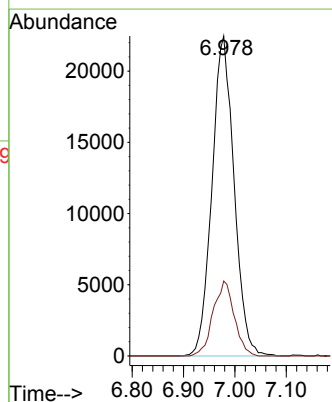
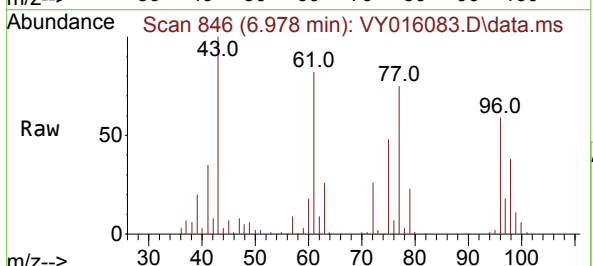
Acq: 26 Oct 2023 17:33

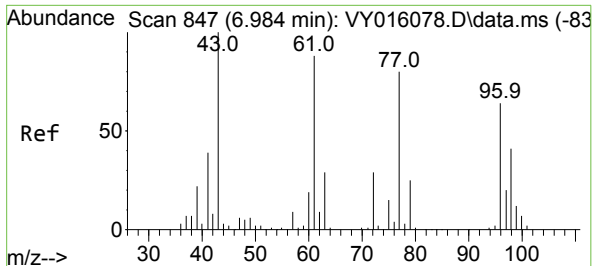
Tgt Ion: 77 Resp: 66995

Ion Ratio Lower Upper

77 100

97 22.4 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 20.692 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

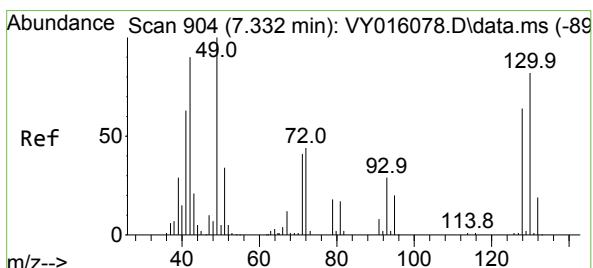
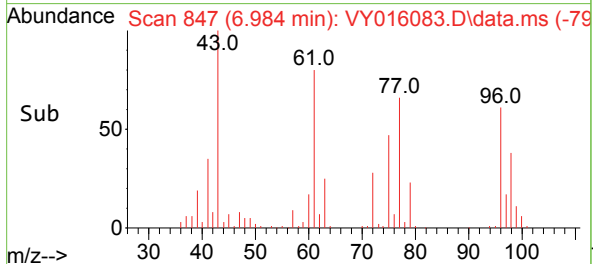
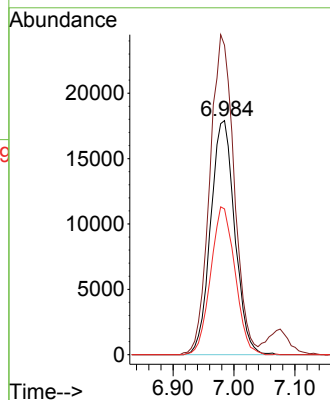
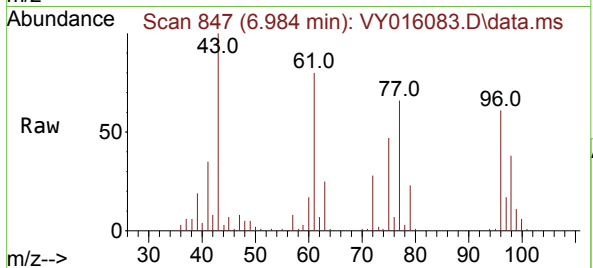
Tgt Ion: 96 Resp: 49276

Ion Ratio Lower Upper

96 100

61 137.6 0.0 301.4

98 63.7 0.0 130.4



#28

Bromochloromethane

Concen: 21.561 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

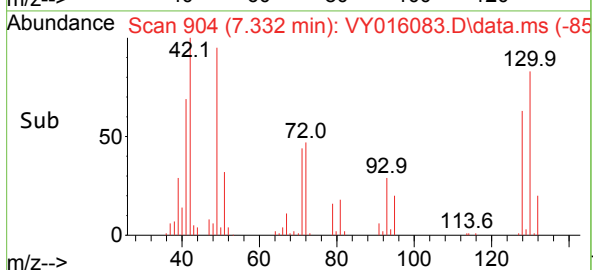
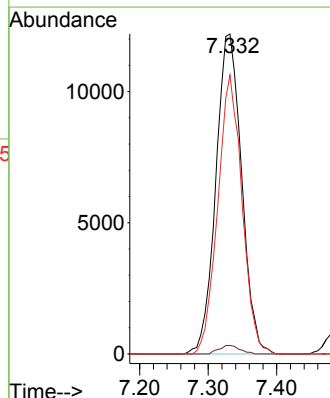
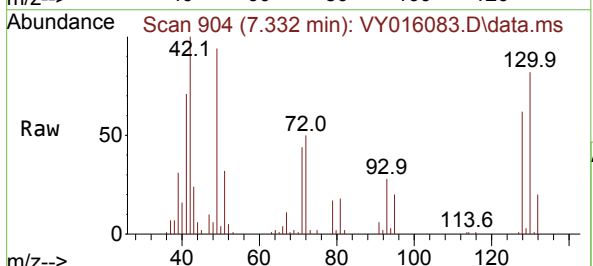
Tgt Ion: 49 Resp: 31777

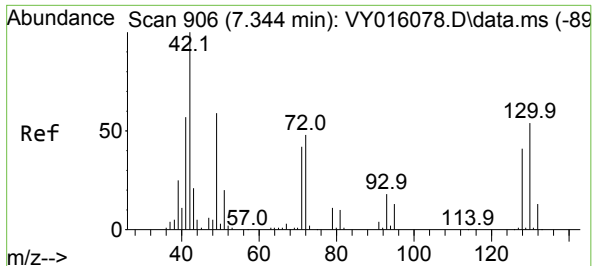
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.6

130 82.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 109.551 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

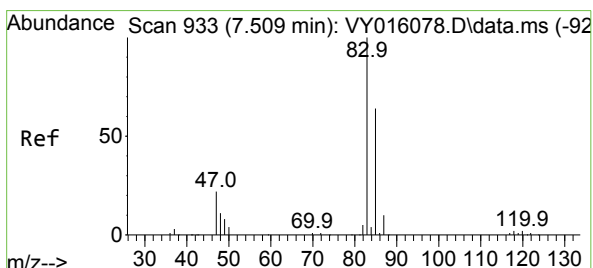
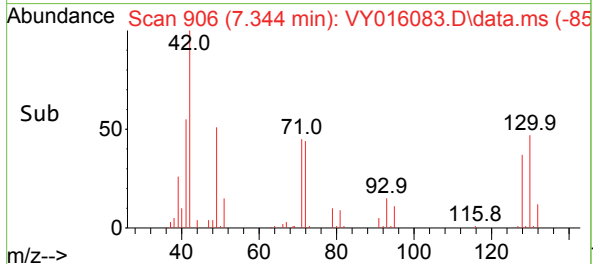
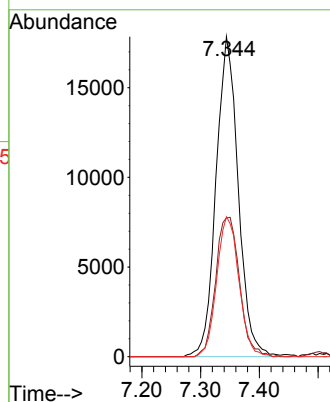
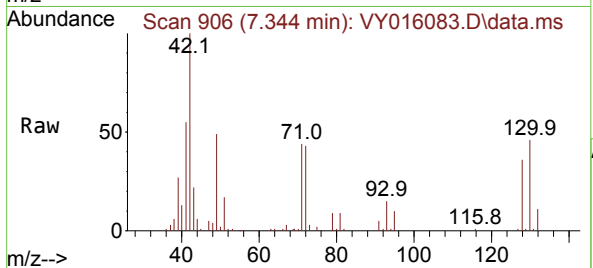
Tgt Ion: 42 Resp: 46808

Ion Ratio Lower Upper

42 100

72 46.7 32.8 49.2

71 43.7 31.0 46.4



#30

Chloroform

Concen: 20.812 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY016083.D

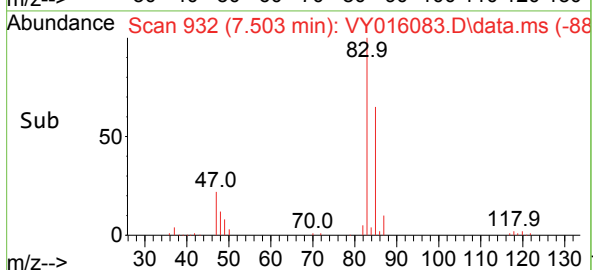
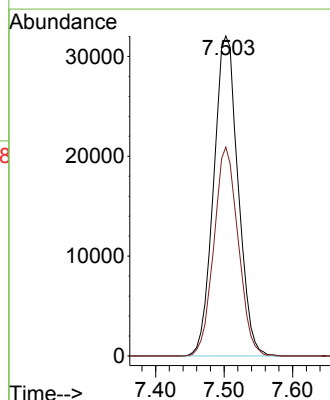
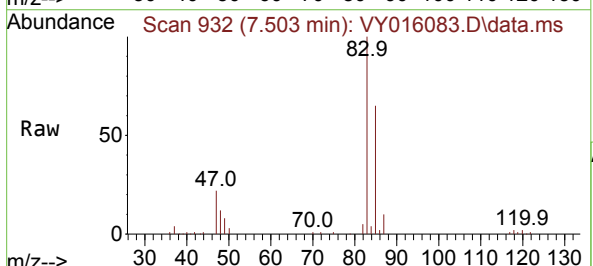
Acq: 26 Oct 2023 17:33

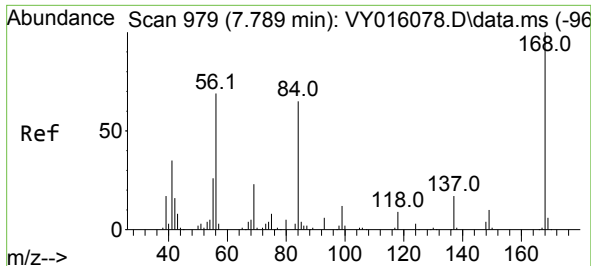
Tgt Ion: 83 Resp: 79203

Ion Ratio Lower Upper

83 100

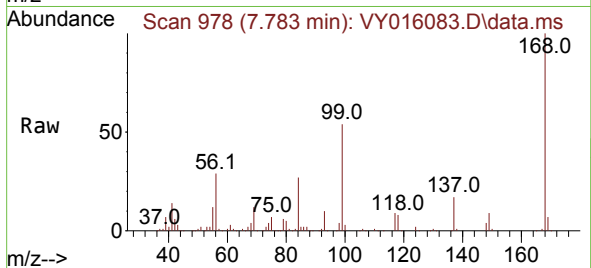
85 65.2 49.7 74.5



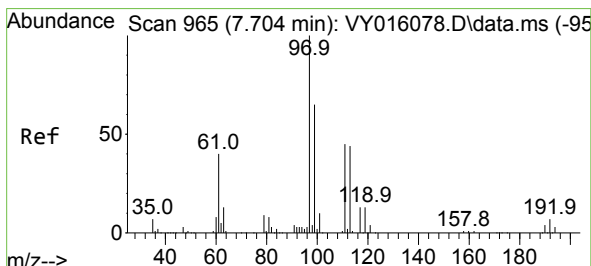
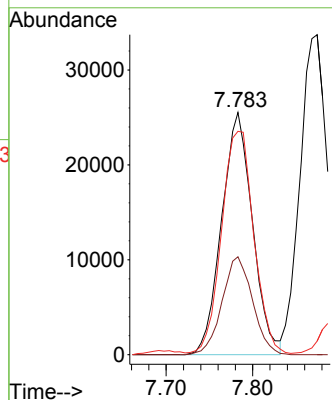
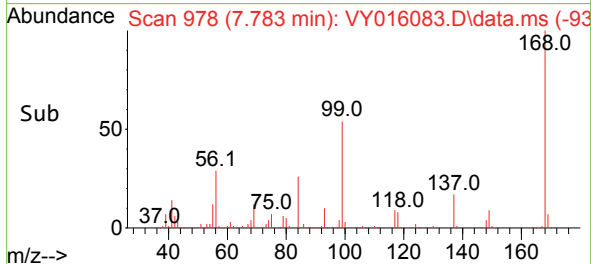


#31
Cyclohexane
Concen: 19.739 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Instrument :
MSVOA_Y
ClientSampleId :

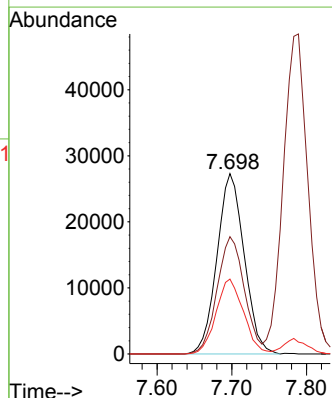
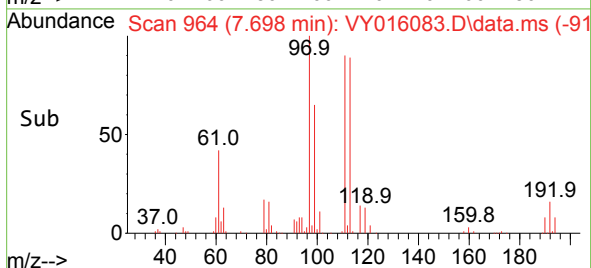
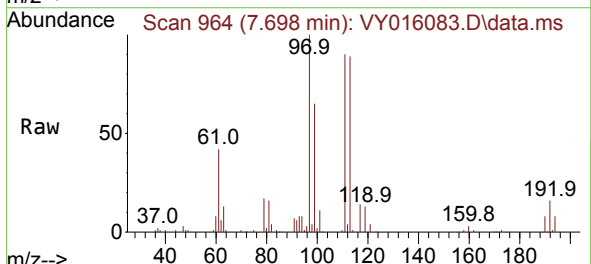


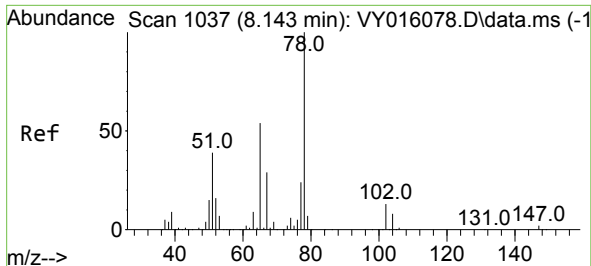
Tgt Ion: 56 Resp: 63213
Ion Ratio Lower Upper
56 100
69 40.1 27.8 41.6
84 91.0 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 20.256 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 97 Resp: 69145
Ion Ratio Lower Upper
97 100
99 65.3 50.8 76.2
61 41.9 35.1 52.7





#33

1,2-Dichloroethane-d4

Concen: 49.003 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

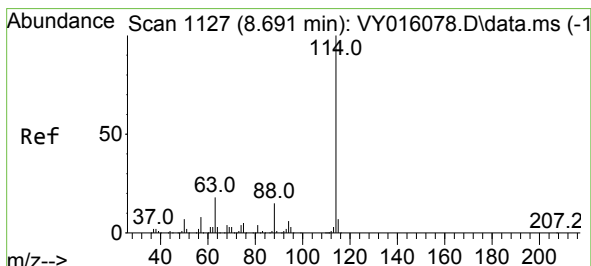
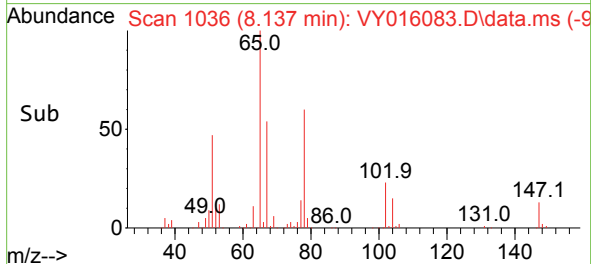
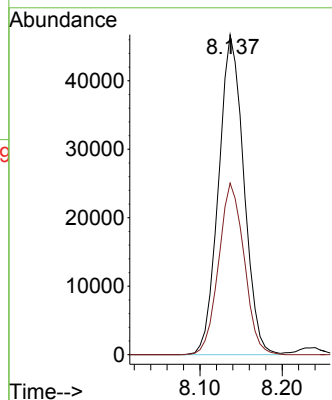
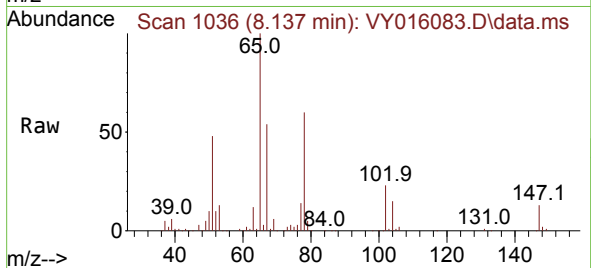
ClientSampleId :

Tgt Ion: 65 Resp: 99754

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

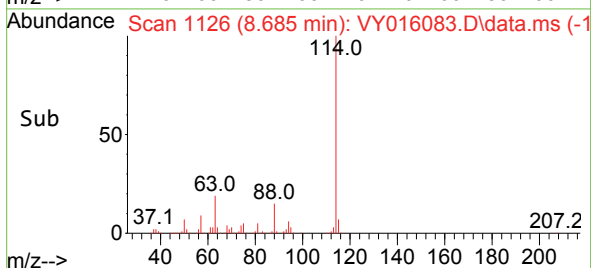
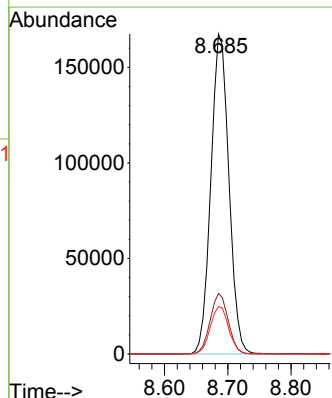
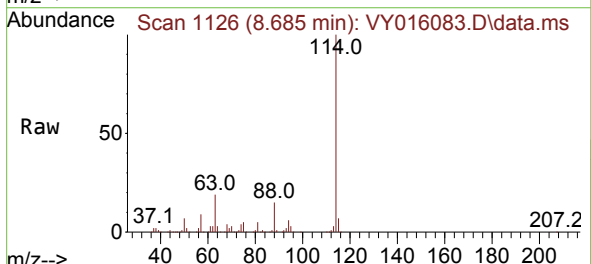
Tgt Ion: 114 Resp: 331724

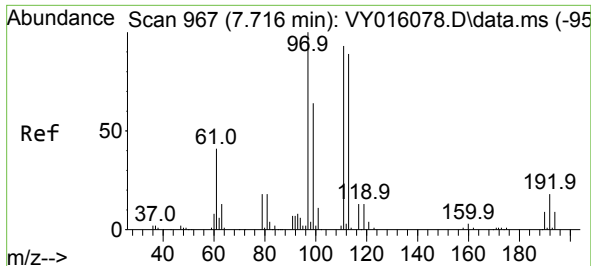
Ion Ratio Lower Upper

114 100

63 18.9 0.0 42.4

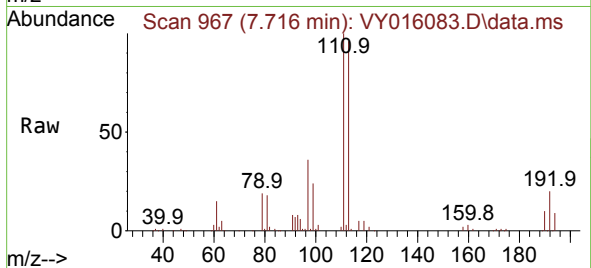
88 14.8 0.0 30.6



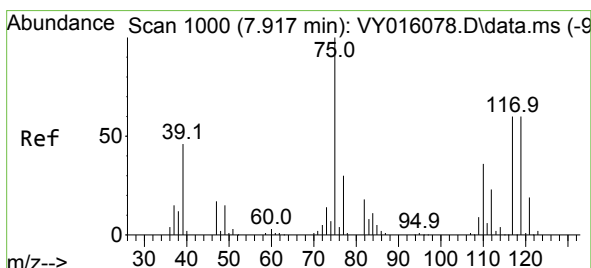
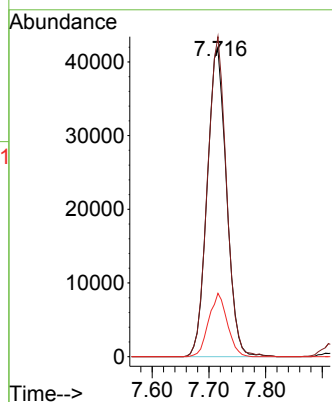
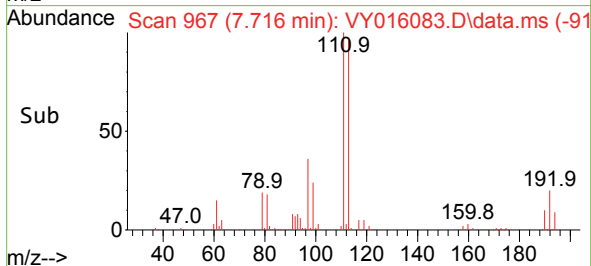


#35
Dibromofluoromethane
Concen: 47.508 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Instrument :
MSVOA_Y
ClientSampleId :

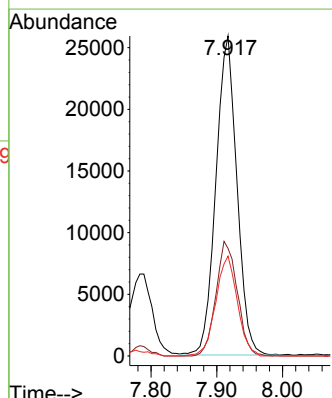
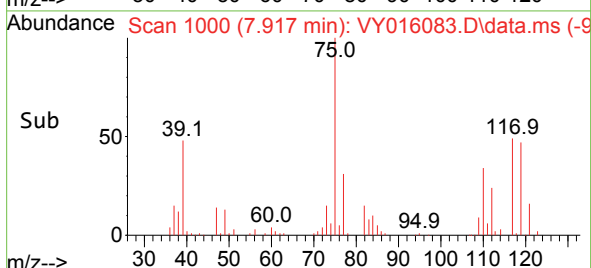
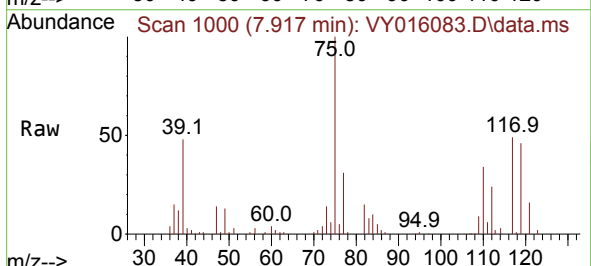


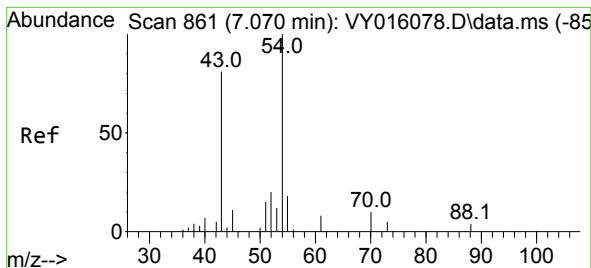
Tgt Ion:113 Resp: 99489
Ion Ratio Lower Upper
113 100
111 101.8 81.3 121.9
192 19.7 16.9 25.3



#36
1,1-Dichloropropene
Concen: 19.708 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 75 Resp: 57531
Ion Ratio Lower Upper
75 100
110 36.4 17.8 53.5
77 32.2 24.4 36.6





#37

Ethyl Acetate

Concen: 21.940 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

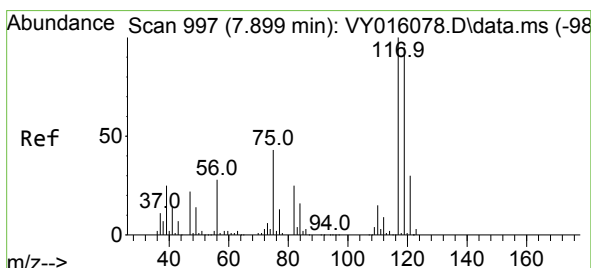
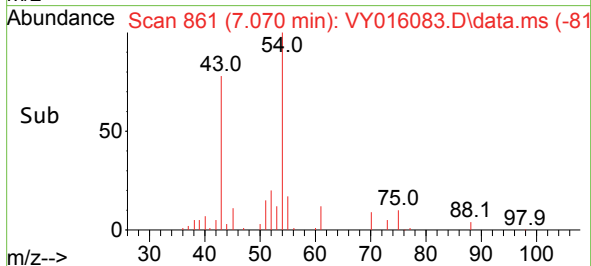
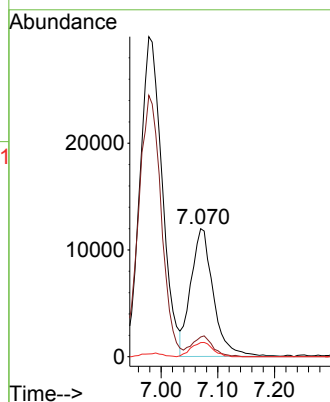
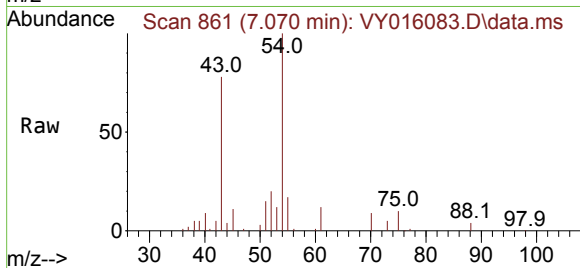
Tgt Ion: 43 Resp: 32827

Ion Ratio Lower Upper

43 100

61 15.1 10.1 15.1

70 10.9 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 20.114 ug/l

RT: 7.899 min Scan# 997

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

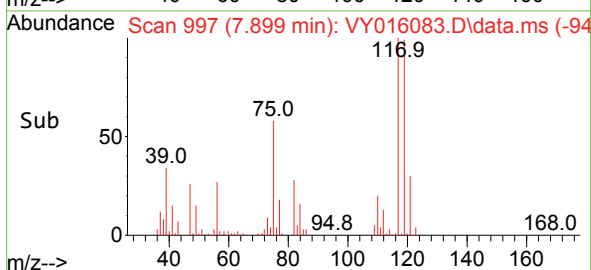
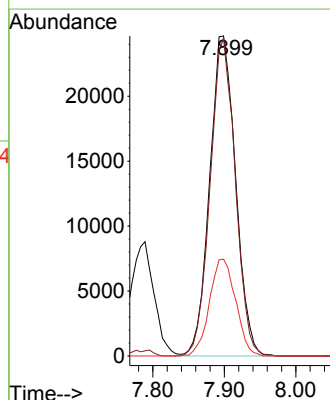
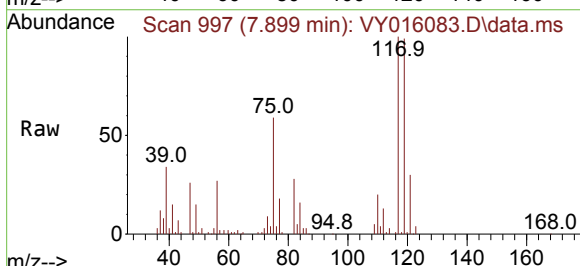
Tgt Ion: 117 Resp: 62091

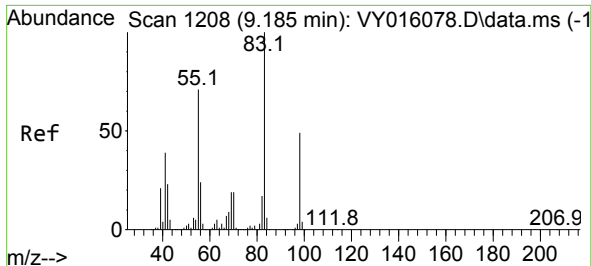
Ion Ratio Lower Upper

117 100

119 99.3 76.4 114.6

121 30.3 25.8 38.6





#39

Methylcyclohexane

Concen: 19.512 ug/l

RT: 9.179 min Scan# 11

Delta R.T. -0.006 min

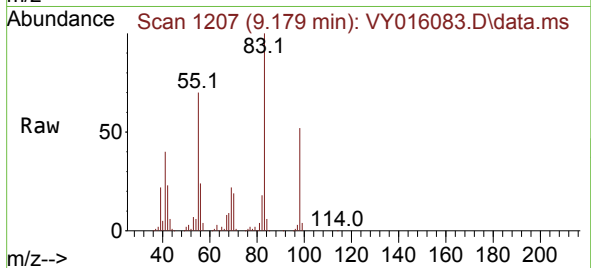
Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :



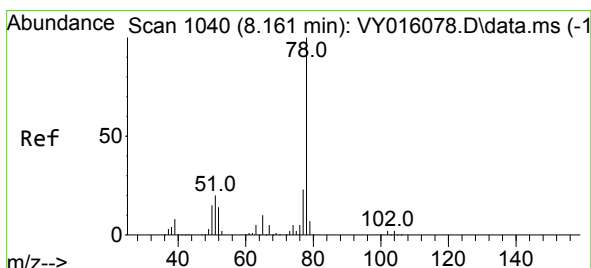
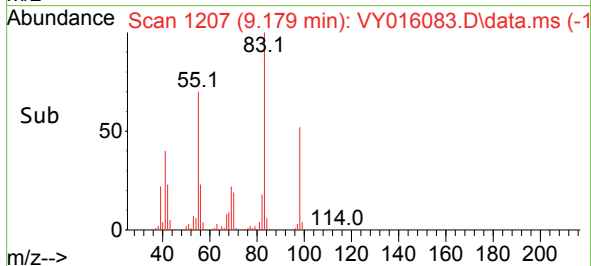
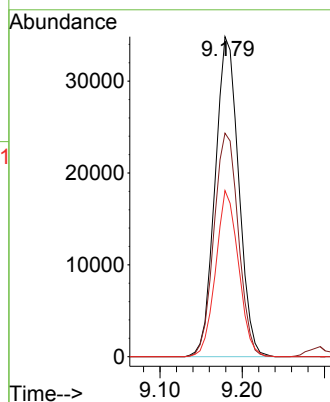
Tgt Ion: 83 Resp: 69387

Ion Ratio Lower Upper

83 100

55 69.9 63.0 94.4

98 51.9 37.4 56.2



#40

Benzene

Concen: 20.557 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. -0.006 min

Lab File: VY016083.D

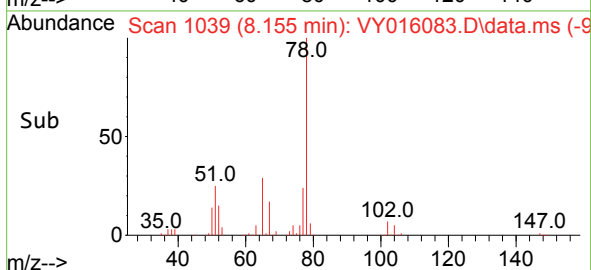
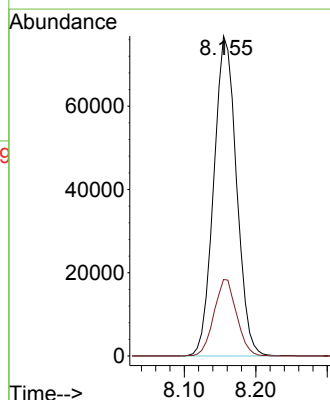
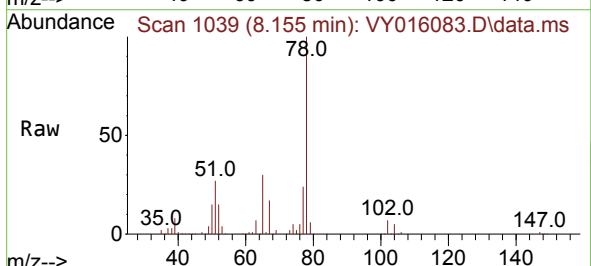
Acq: 26 Oct 2023 17:33

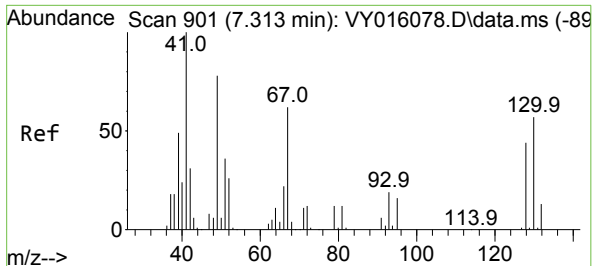
Tgt Ion: 78 Resp: 169893

Ion Ratio Lower Upper

78 100

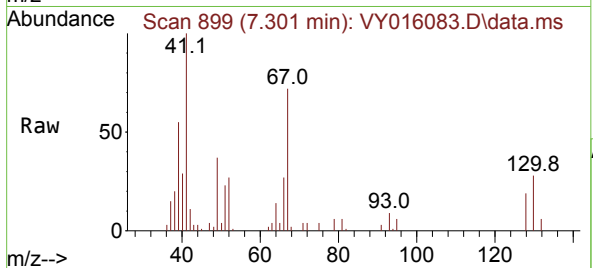
77 23.9 19.0 28.6



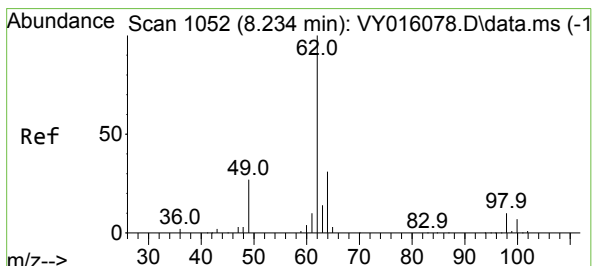
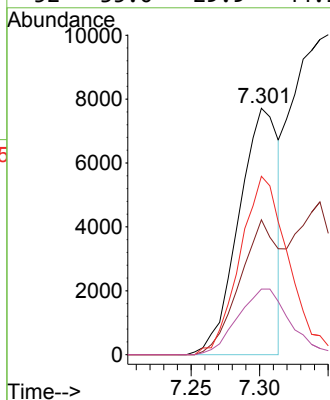
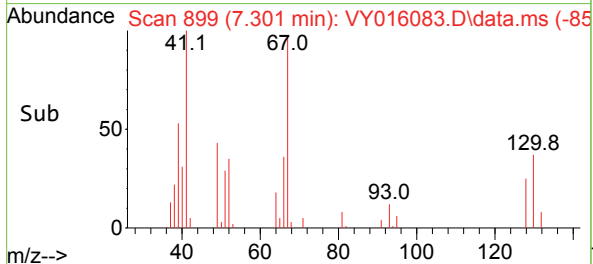


#41
Methacrylonitrile
Concen: 19.819 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Instrument :
MSVOA_Y
ClientSampleId :

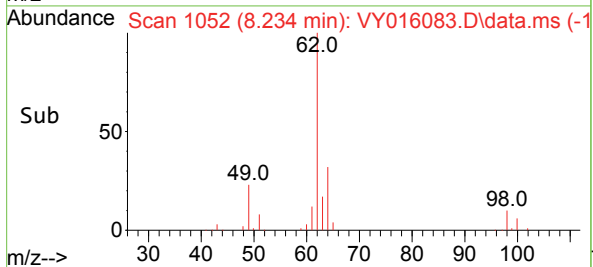
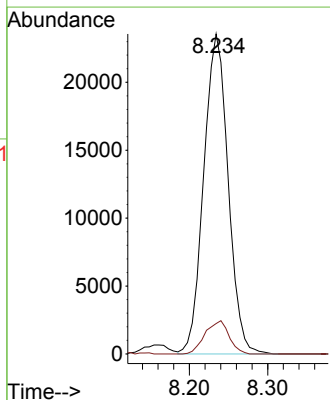
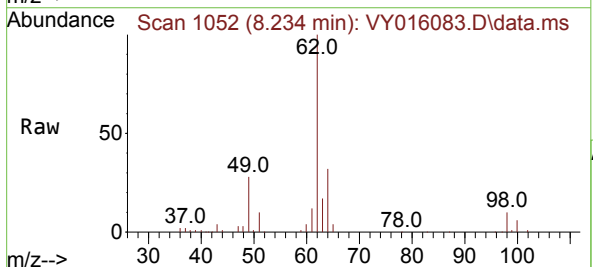


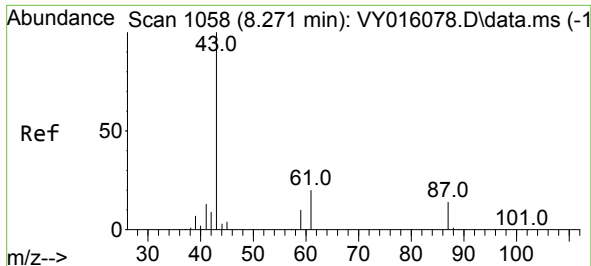
Tgt Ion: 41	Resp: 15519
Ion Ratio	Lower Upper
41 100	
39 59.4	52.1 78.1
67 89.2	66.2 99.2
52 35.0	29.9 44.9



#42
1,2-Dichloroethane
Concen: 21.371 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 62	Resp: 51035
Ion Ratio	Lower Upper
62 100	
98 10.2	0.0 15.8

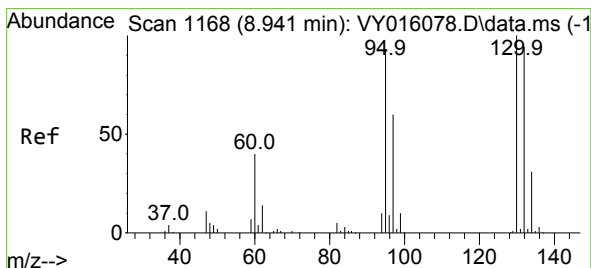
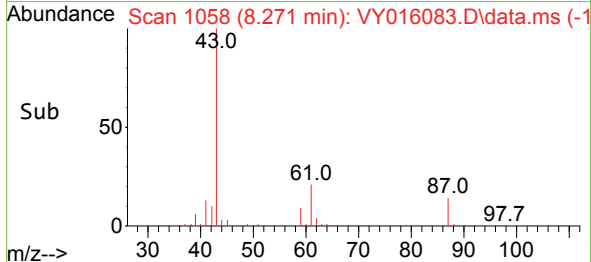
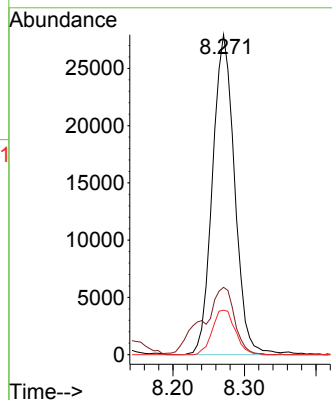
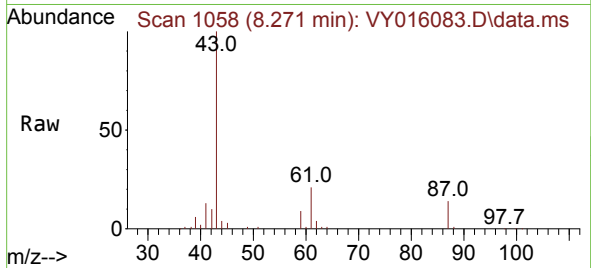




#43
Isopropyl Acetate
Concen: 21.465 ug/l
RT: 8.271 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

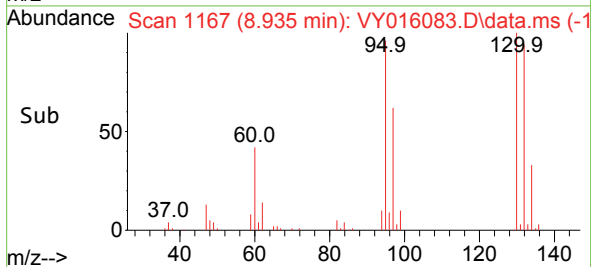
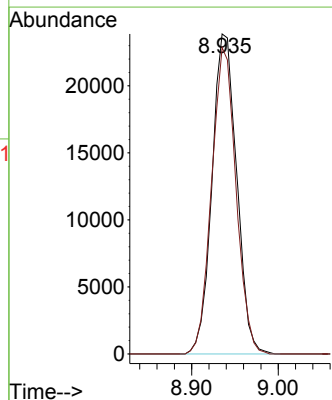
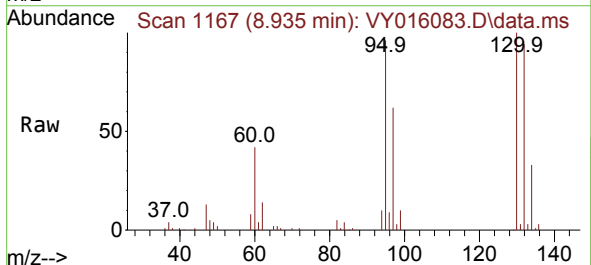
Instrument :
MSVOA_Y
ClientSampleId :

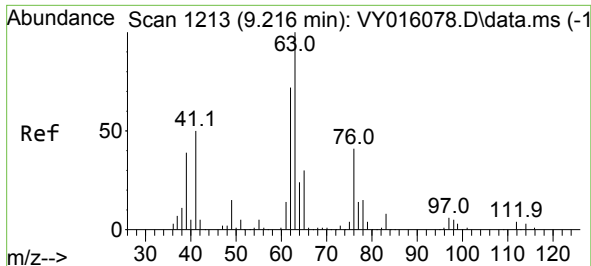
Tgt Ion: 43 Resp: 60049
Ion Ratio Lower Upper
43 100
61 30.2 21.1 31.7
87 14.4 9.8 14.8



#44
Trichloroethene
Concen: 20.448 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion:130 Resp: 47190
Ion Ratio Lower Upper
130 100
95 95.7 0.0 196.0

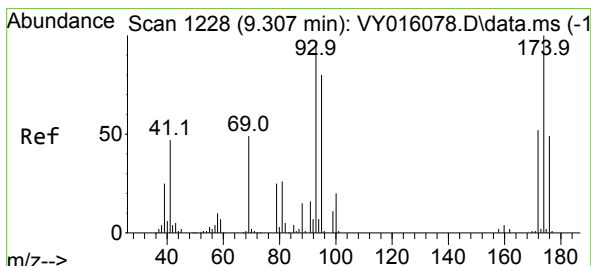
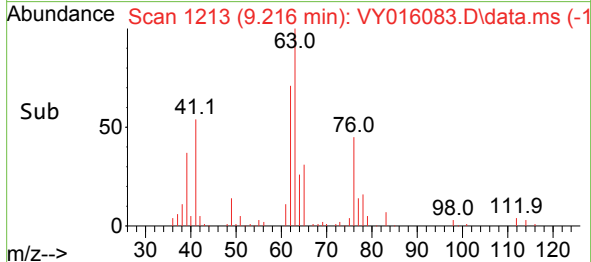
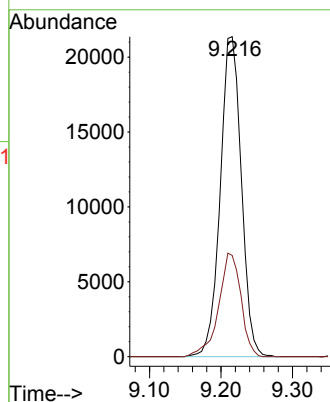
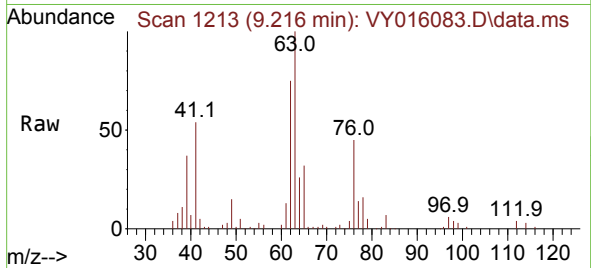




#45
1,2-Dichloropropane
Concen: 20.911 ug/l
RT: 9.216 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

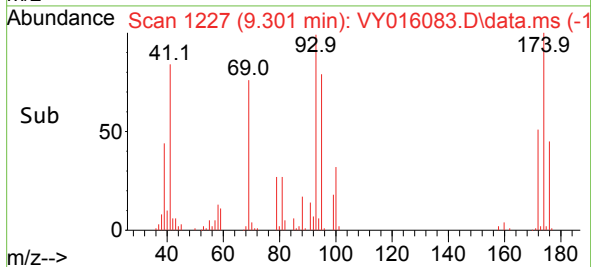
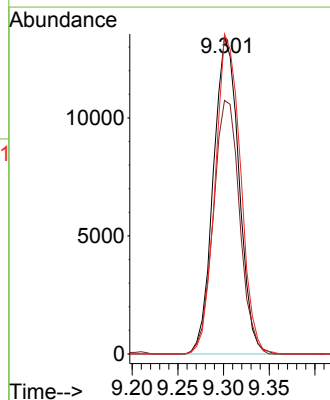
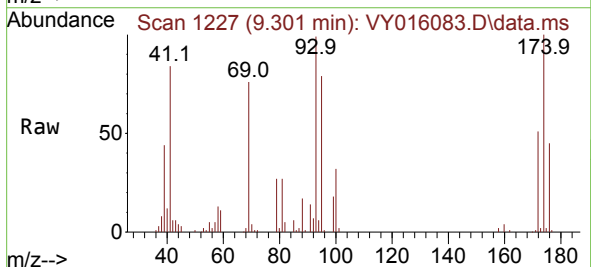
Instrument :
MSVOA_Y
ClientSampleId :

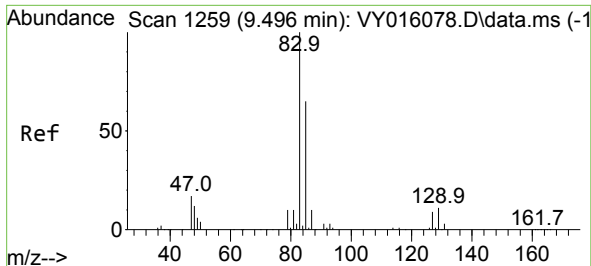
Tgt Ion: 63 Resp: 43740
Ion Ratio Lower Upper
63 100
65 31.6 23.8 35.6



#46
Dibromomethane
Concen: 21.270 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 93 Resp: 26087
Ion Ratio Lower Upper
93 100
95 82.2 66.6 100.0
174 100.2 84.8 127.2

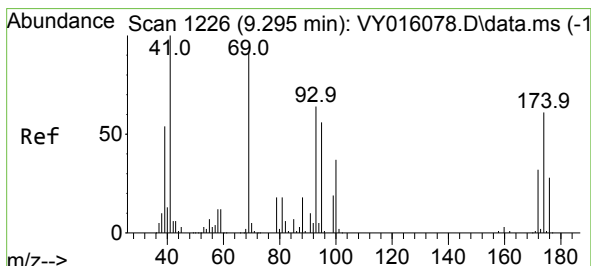
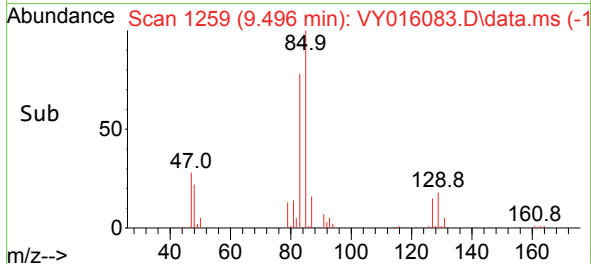
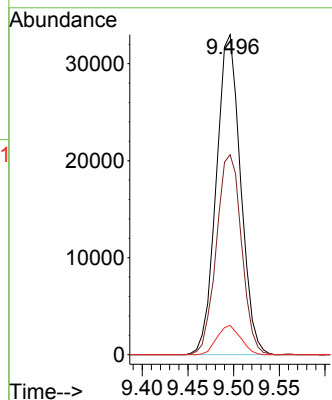
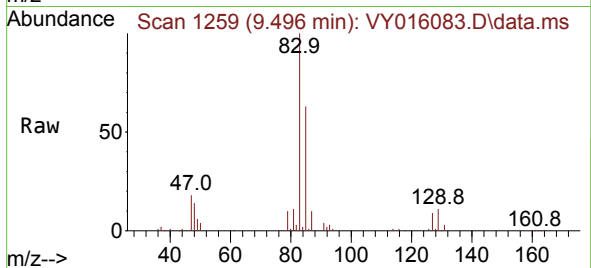




#47
Bromodichloromethane
Concen: 20.572 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

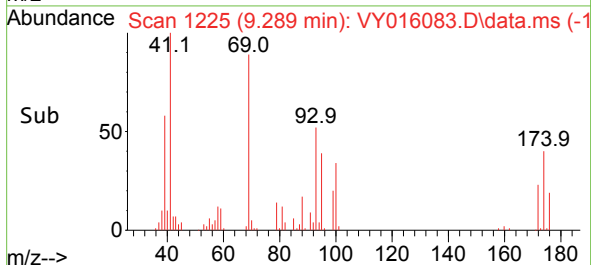
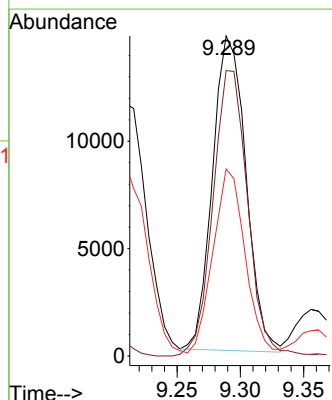
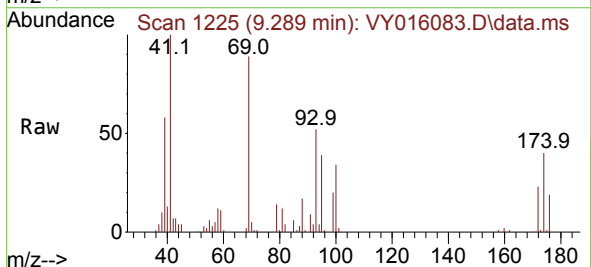
Instrument :
MSVOA_Y
ClientSampleId :

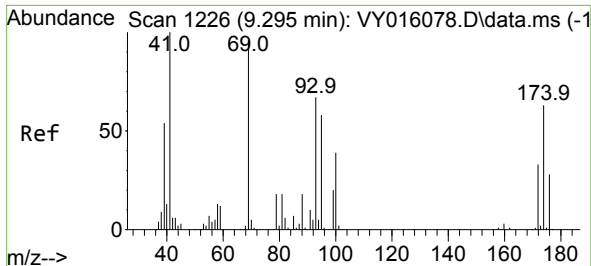
Tgt Ion: 83 Resp: 61020
Ion Ratio Lower Upper
83 100
85 62.5 50.1 75.1
127 9.2 7.1 10.7



#48
Methyl methacrylate
Concen: 20.865 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 41 Resp: 26891
Ion Ratio Lower Upper
41 100
69 94.1 64.5 96.7
39 56.2 50.8 76.2





#49

1,4-Dioxane

Concen: 472.342 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

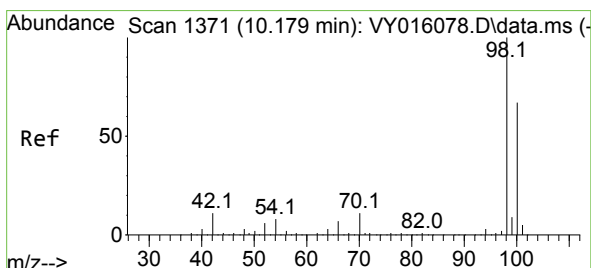
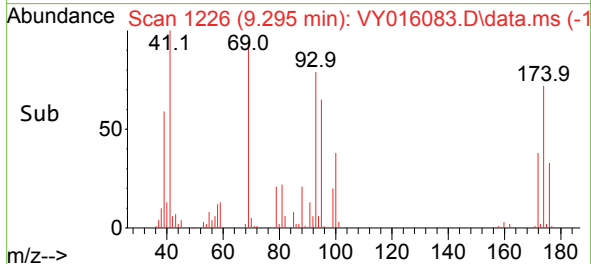
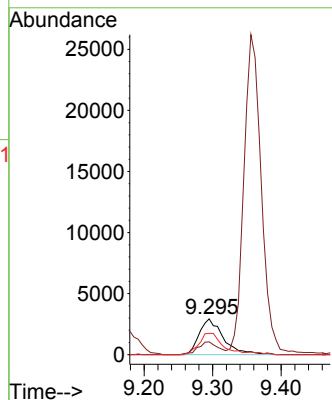
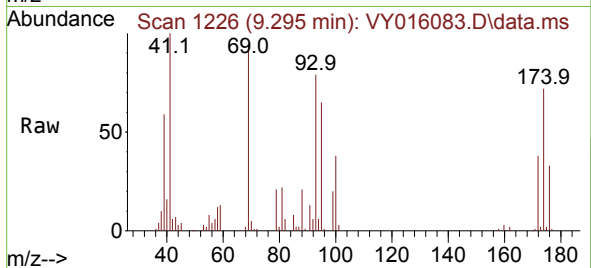
Tgt Ion: 88 Resp: 7248

Ion Ratio Lower Upper

88 100

43 30.0 0.0 0.0#

58 57.8 30.9 46.3#



#50

Toluene-d8

Concen: 48.342 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY016083.D

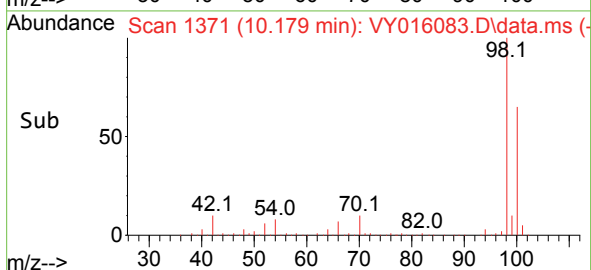
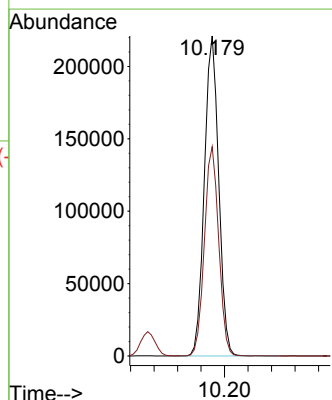
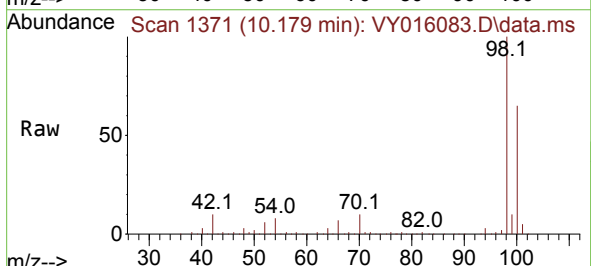
Acq: 26 Oct 2023 17:33

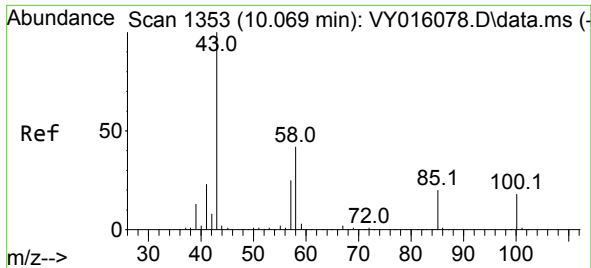
Tgt Ion: 98 Resp: 374997

Ion Ratio Lower Upper

98 100

100 65.1 50.1 75.1

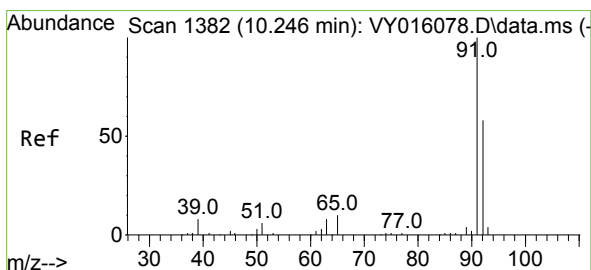
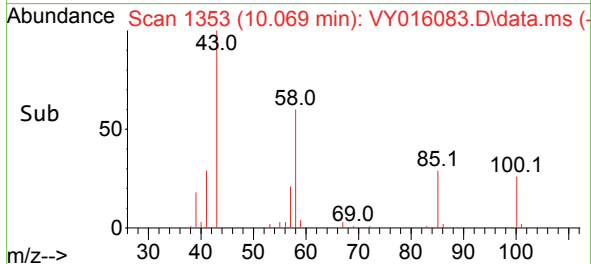
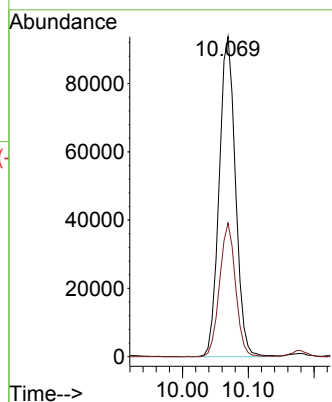
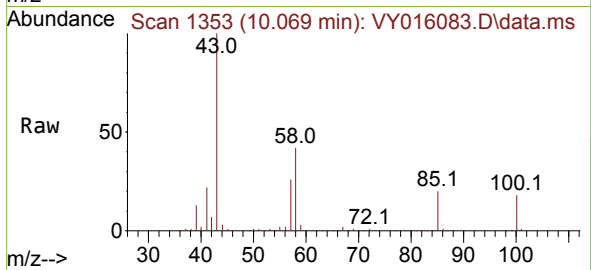




#51
4-Methyl-2-Pentanone
Concen: 109.636 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

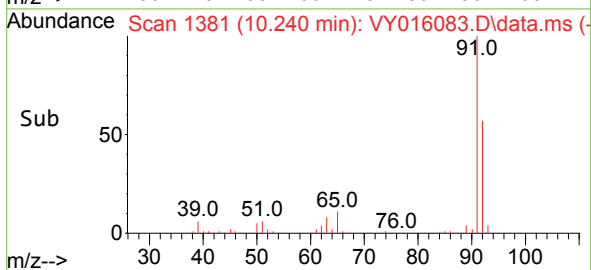
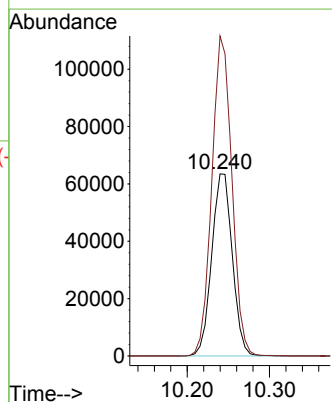
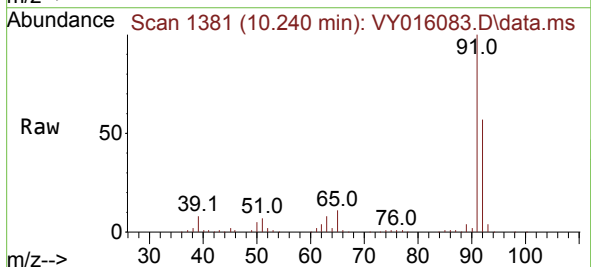
Instrument :
MSVOA_Y
ClientSampleId :

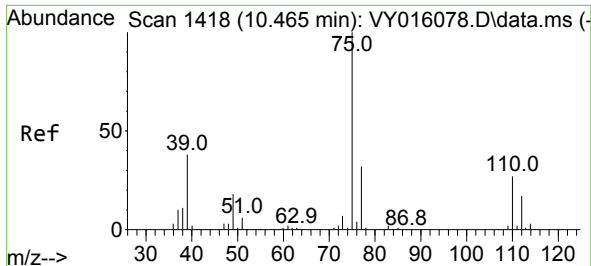
Tgt Ion: 43 Resp: 161841
Ion Ratio Lower Upper
43 100
58 40.7 29.0 43.6



#52
Toluene
Concen: 20.804 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 92 Resp: 110410
Ion Ratio Lower Upper
92 100
91 171.3 143.8 215.6

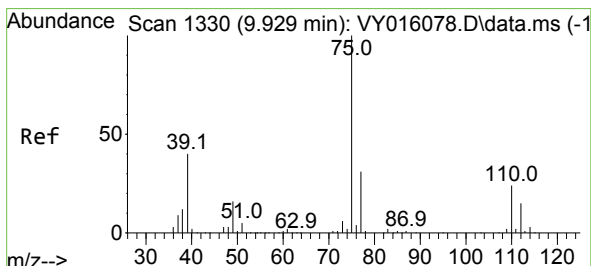
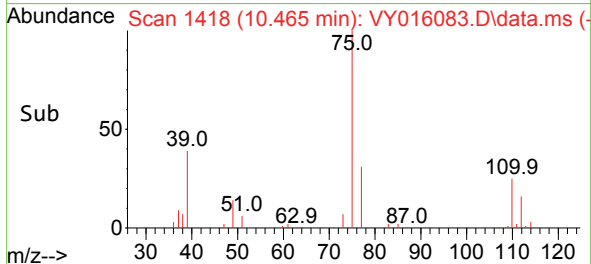
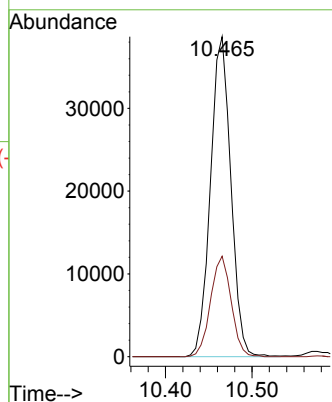
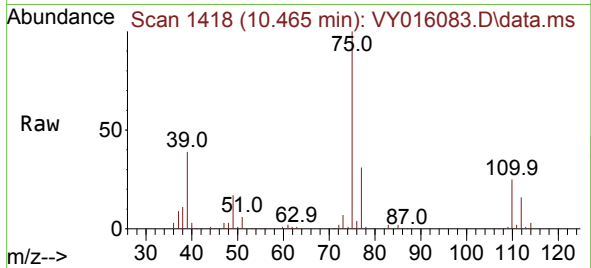




#53
 t-1,3-Dichloropropene
 Concen: 20.874 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY016083.D
 Acq: 26 Oct 2023 17:33

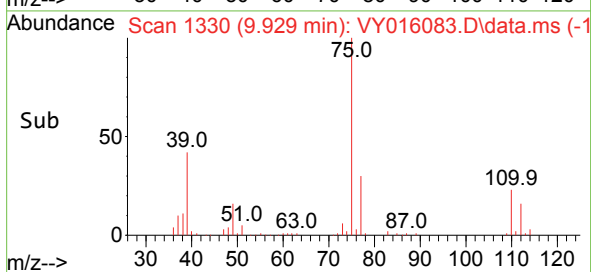
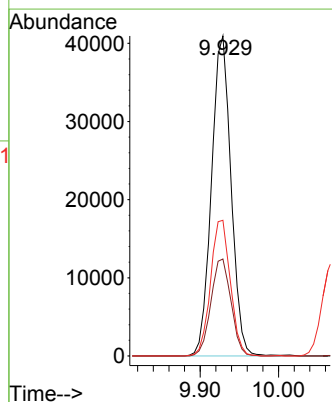
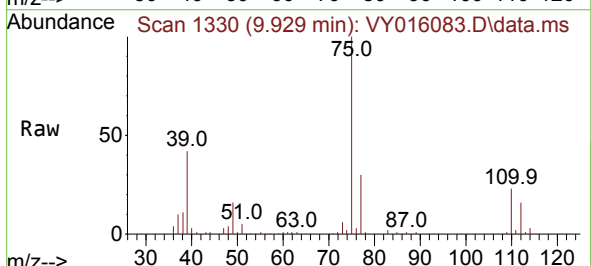
Instrument :
 MSVOA_Y
 ClientSampleId :

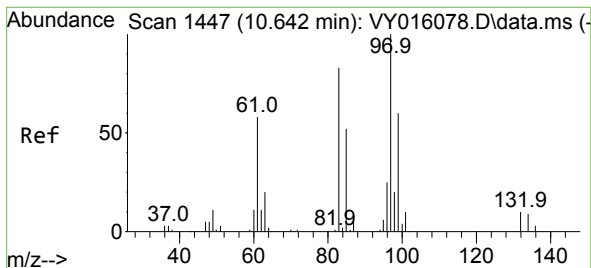
Tgt Ion: 75 Resp: 63313
 Ion Ratio Lower Upper
 75 100
 77 31.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 20.697 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY016083.D
 Acq: 26 Oct 2023 17:33

Tgt Ion: 75 Resp: 70994
 Ion Ratio Lower Upper
 75 100
 77 30.3 24.2 36.4
 39 42.4 42.2 63.4





#55

1,1,2-Trichloroethane

Concen: 20.678 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

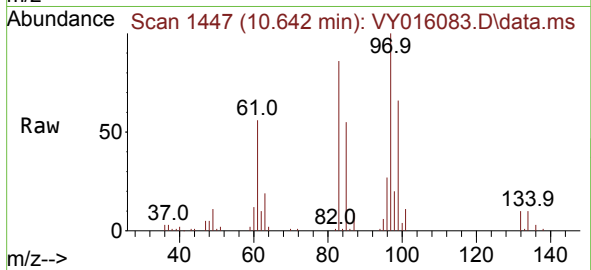
Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 36033

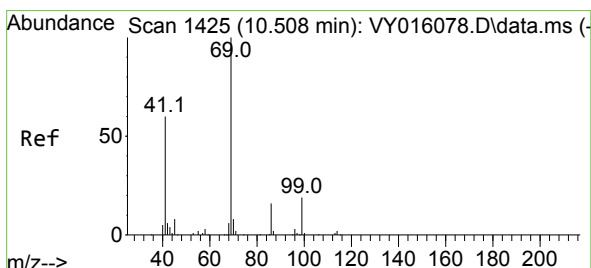
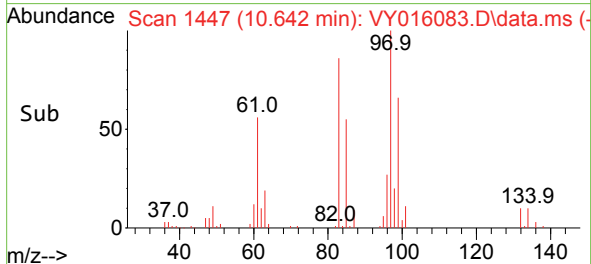
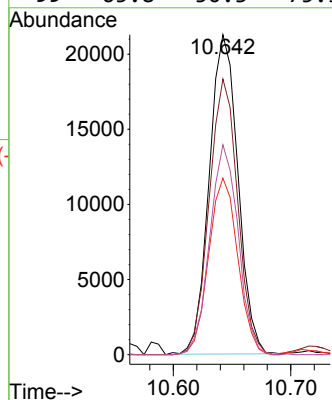
Ion Ratio Lower Upper

97 100

83 86.4 72.0 108.0

85 55.0 45.4 68.0

99 65.8 50.3 75.5



#56

Ethyl methacrylate

Concen: 21.120 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

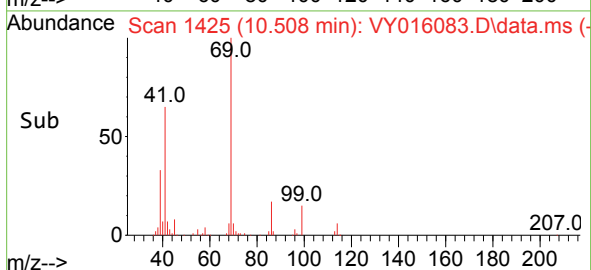
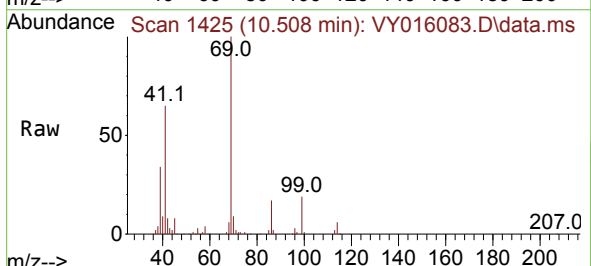
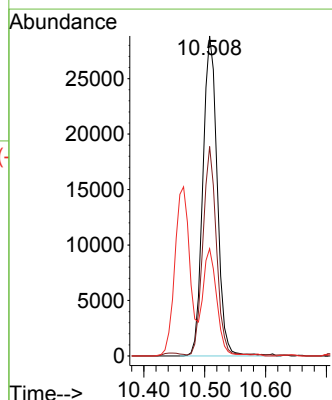
Tgt Ion: 69 Resp: 47298

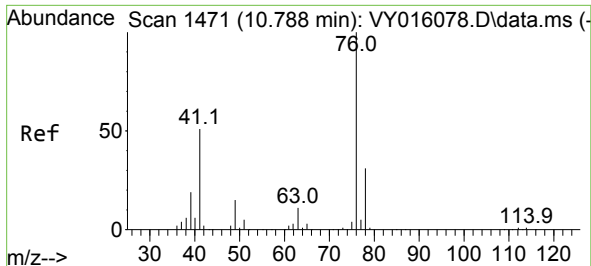
Ion Ratio Lower Upper

69 100

41 61.2 57.6 86.4

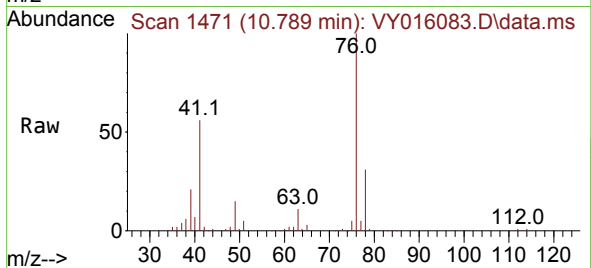
39 30.7 34.1 51.1#



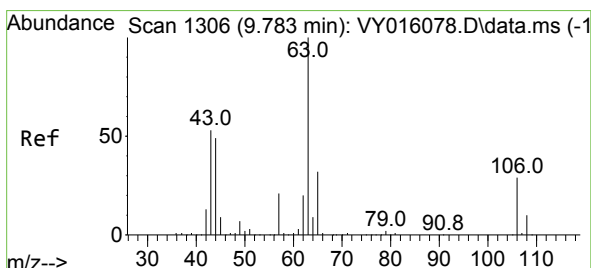
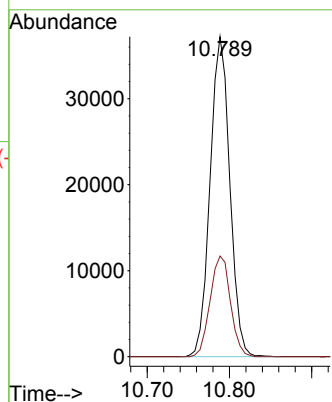
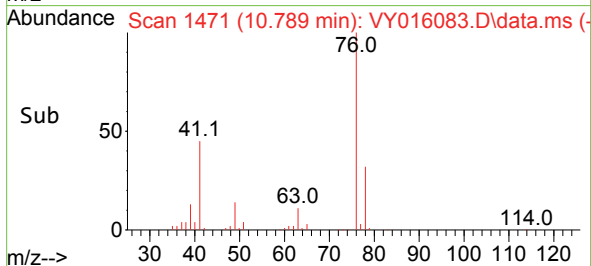


#57
 1,3-Dichloropropane
 Concen: 21.264 ug/l
 RT: 10.789 min Scan# 1471
 Delta R.T. 0.000 min
 Lab File: VY016083.D
 Acq: 26 Oct 2023 17:33

Instrument :
 MSVOA_Y
 ClientSampleId :

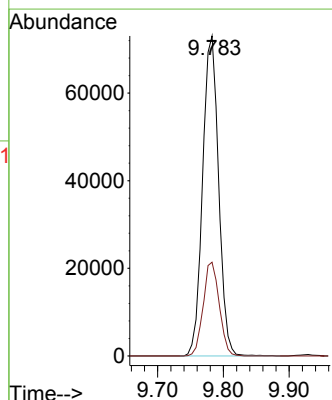
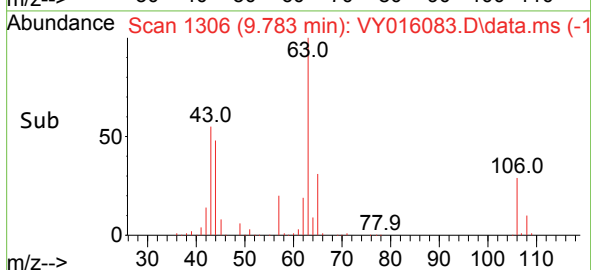
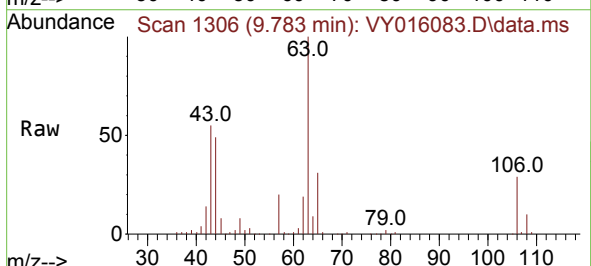


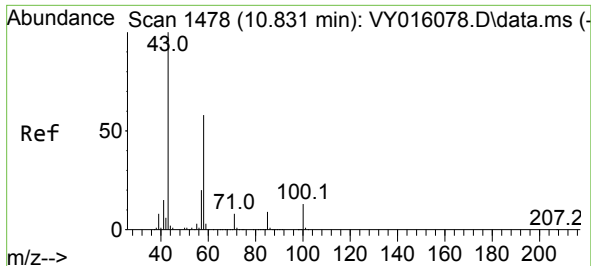
Tgt Ion: 76 Resp: 61941
 Ion Ratio Lower Upper
 76 100
 78 32.4 25.3 37.9



#58
 2-Chloroethyl Vinyl ether
 Concen: 110.803 ug/l
 RT: 9.783 min Scan# 1306
 Delta R.T. 0.000 min
 Lab File: VY016083.D
 Acq: 26 Oct 2023 17:33

Tgt Ion: 63 Resp: 123535
 Ion Ratio Lower Upper
 63 100
 106 29.3 21.2 31.8

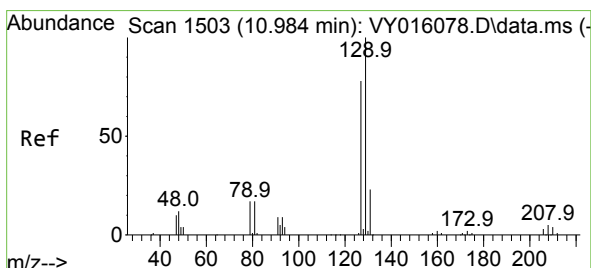
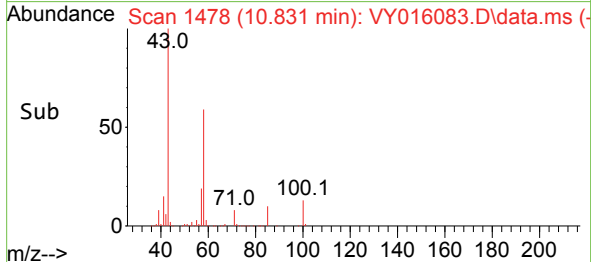
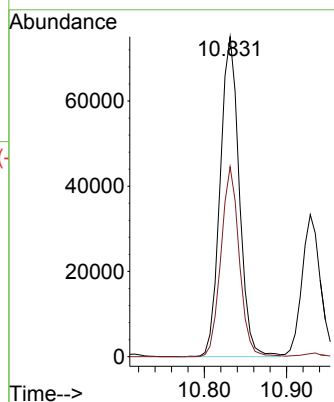
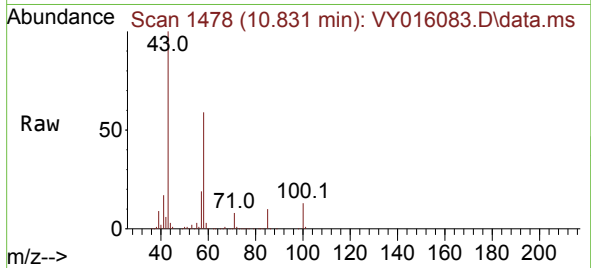




#59
2-Hexanone
Concen: 111.163 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

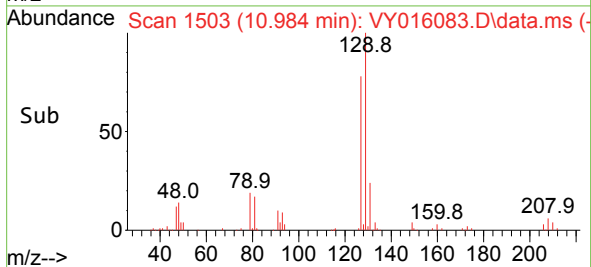
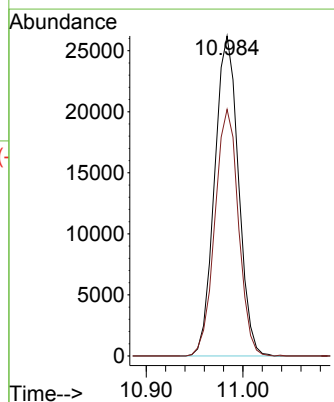
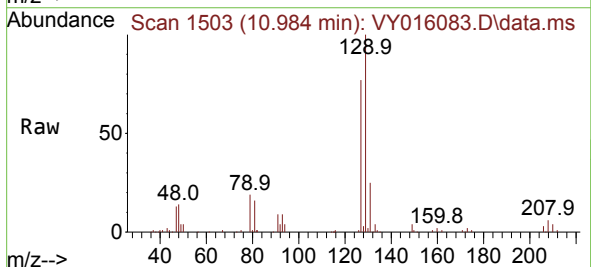
Instrument :
MSVOA_Y
ClientSampleId :

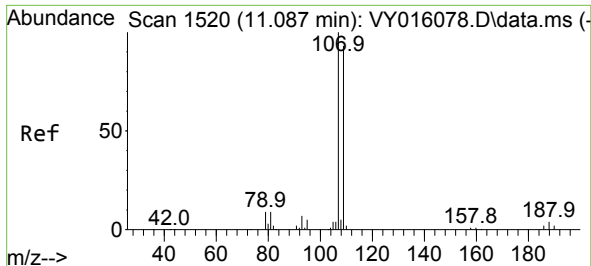
Tgt Ion: 43 Resp: 120878
Ion Ratio Lower Upper
43 100
58 57.0 25.1 75.3



#60
Dibromochloromethane
Concen: 21.004 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 129 Resp: 44822
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.5

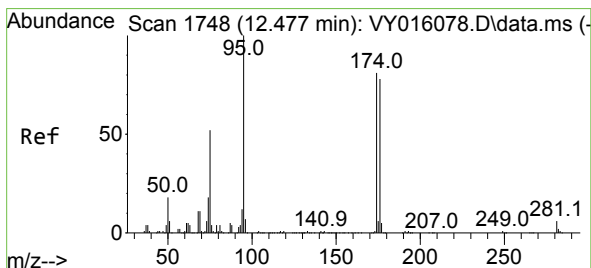
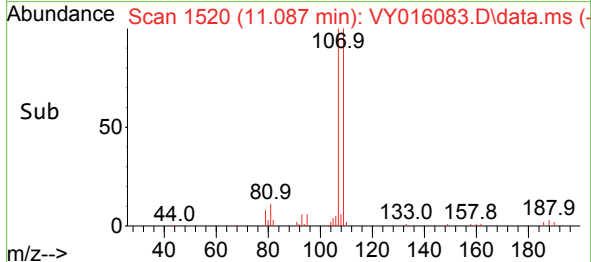
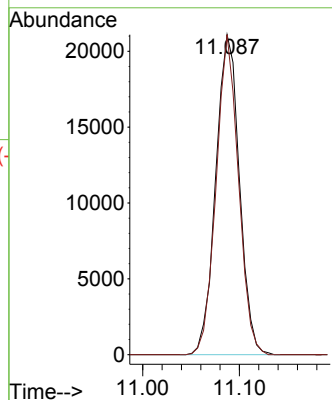
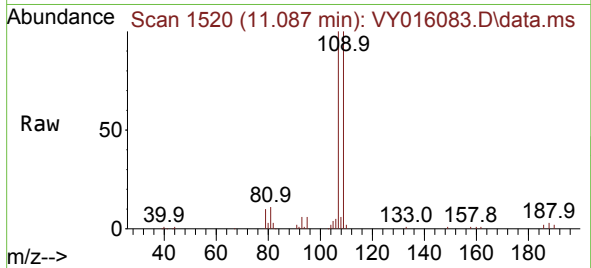




#61
1,2-Dibromoethane
Concen: 21.443 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

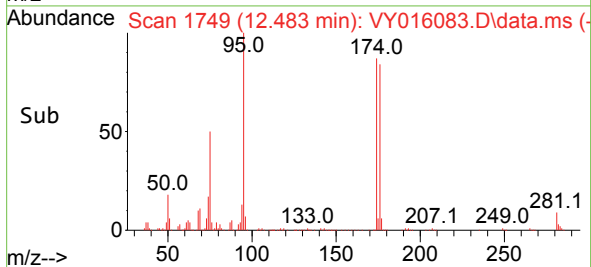
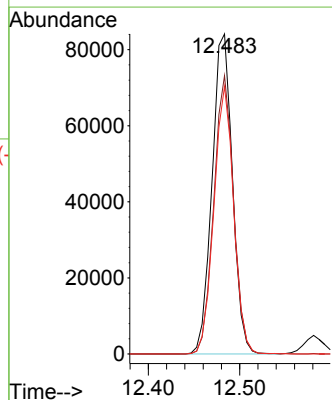
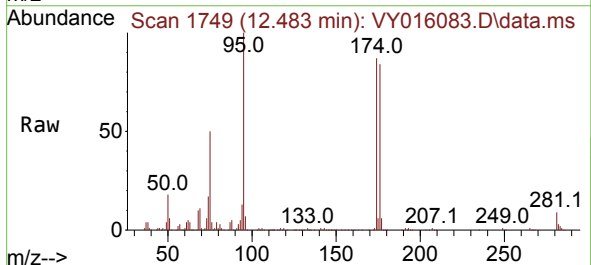
Instrument :
MSVOA_Y
ClientSampleId :

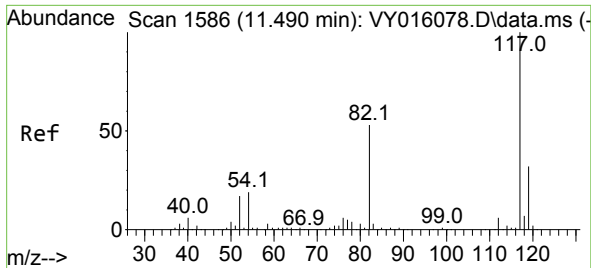
Tgt Ion:107 Resp: 35780
Ion Ratio Lower Upper
107 100
109 94.2 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 48.955 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 95 Resp: 130263
Ion Ratio Lower Upper
95 100
174 84.5 0.0 178.2
176 81.2 0.0 173.8

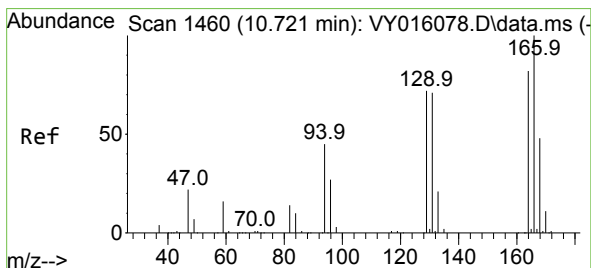
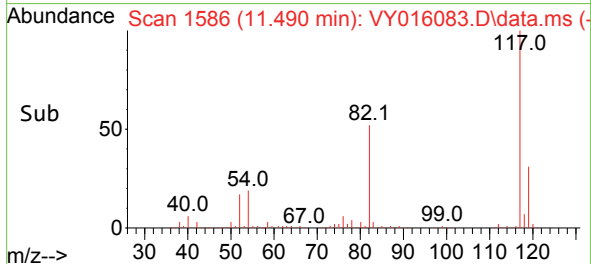
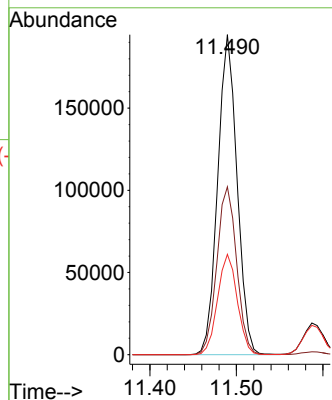
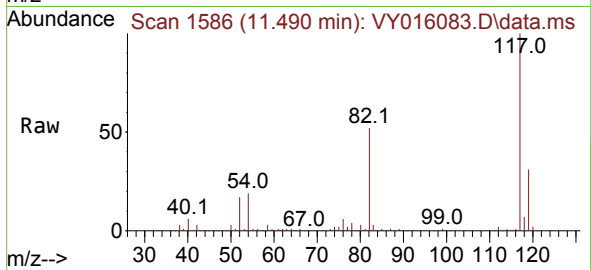




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

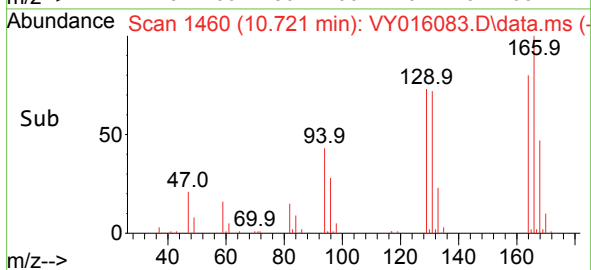
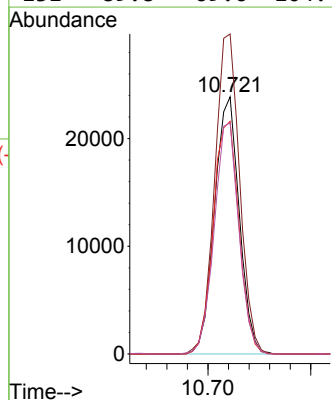
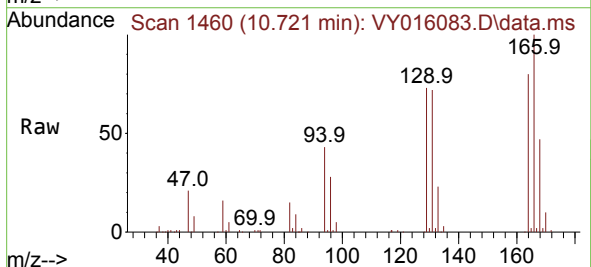
Instrument :
MSVOA_Y
ClientSampleId :

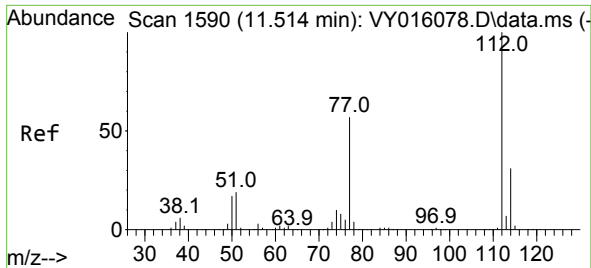
Tgt Ion:117 Resp: 302227
Ion Ratio Lower Upper
117 100
82 52.4 43.4 65.0
119 31.3 26.3 39.5



#64
Tetrachloroethene
Concen: 19.929 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion:164 Resp: 39858
Ion Ratio Lower Upper
164 100
166 124.5 103.0 154.6
129 90.5 77.2 115.8
131 89.8 69.6 104.4

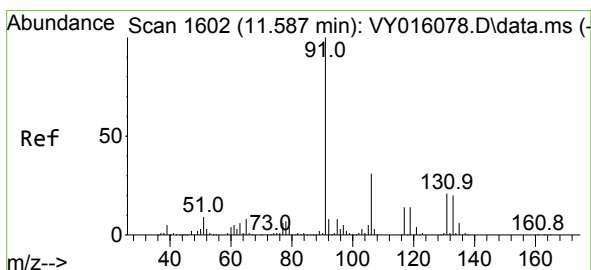
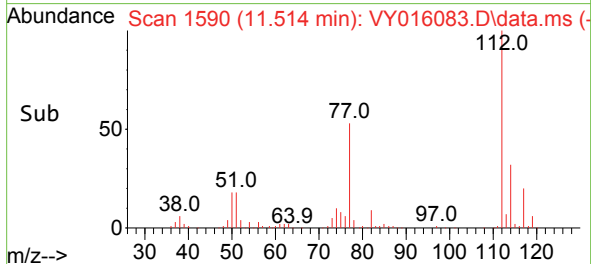
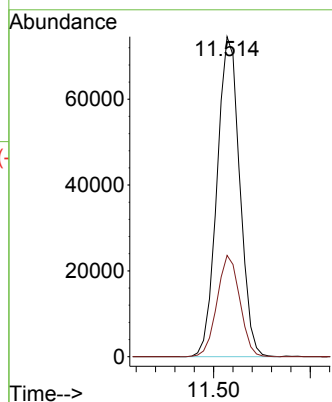
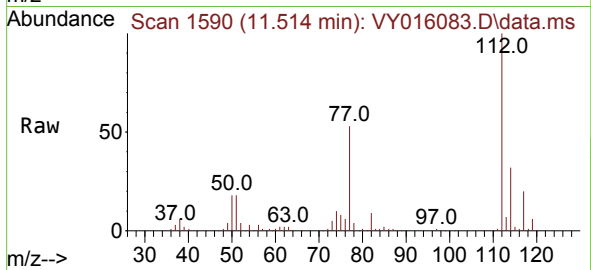




#65
Chlorobenzene
Concen: 20.420 ug/l
RT: 11.514 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

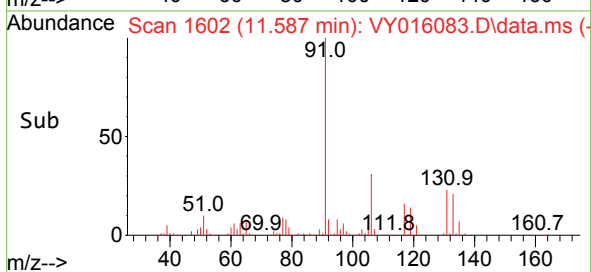
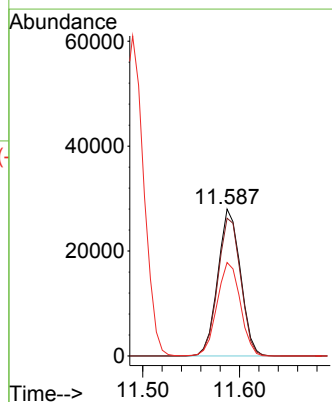
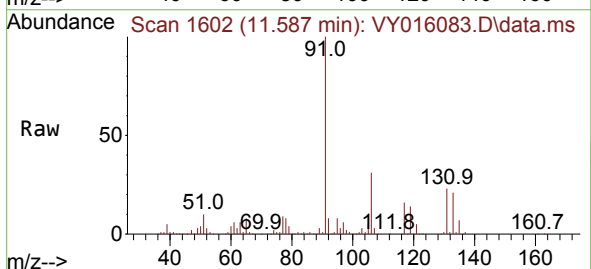
Instrument :
MSVOA_Y
ClientSampleId :

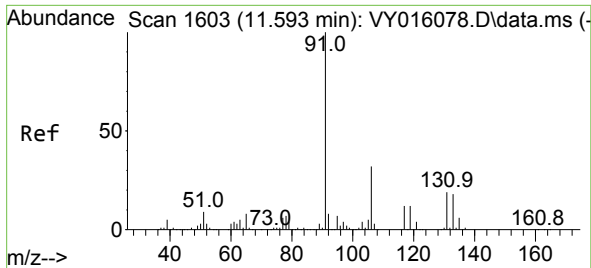
Tgt Ion:112 Resp: 121278
Ion Ratio Lower Upper
112 100
114 31.7 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 20.518 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion:131 Resp: 45510
Ion Ratio Lower Upper
131 100
133 95.0 47.5 142.6
119 65.4 31.6 94.7

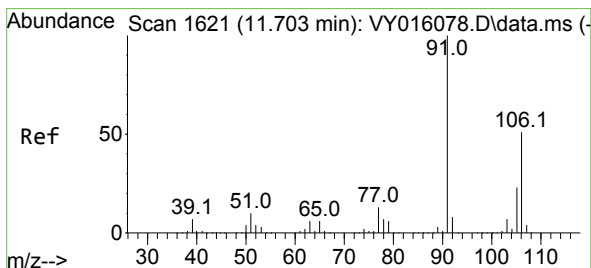
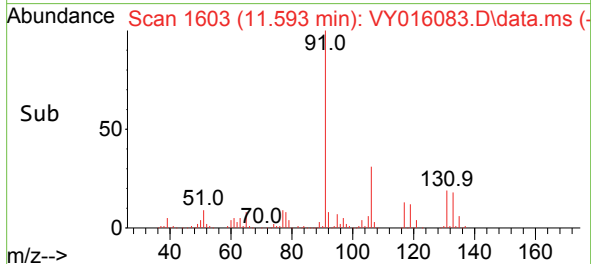
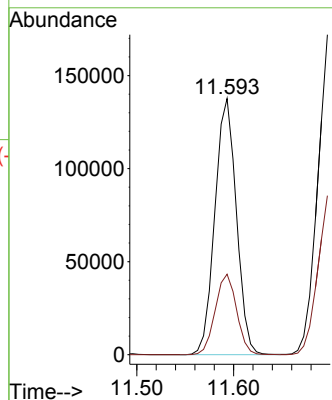
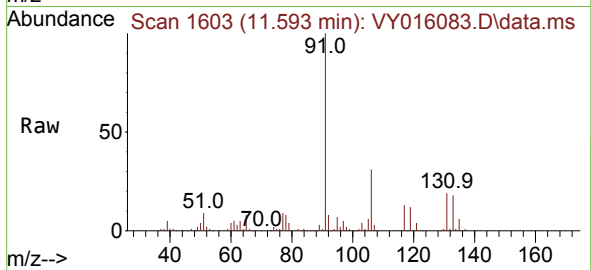




#67
Ethyl Benzene
Concen: 20.095 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

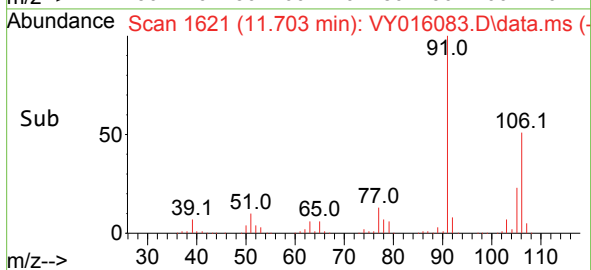
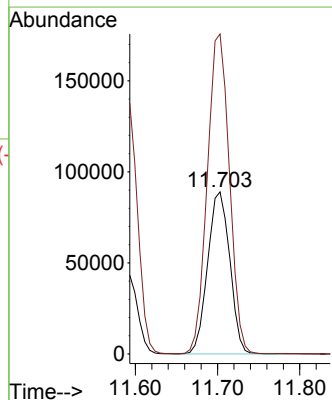
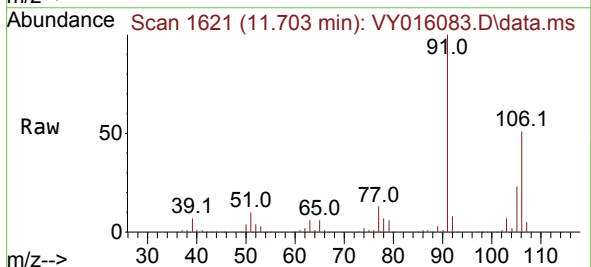
Instrument :
MSVOA_Y
ClientSampleId :

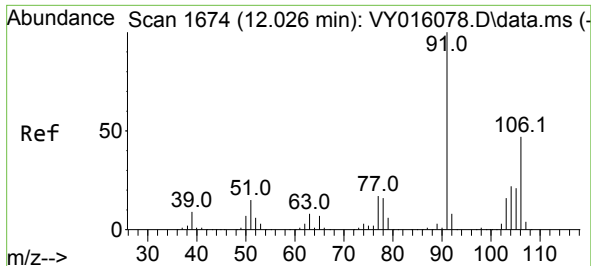
Tgt Ion: 91 Resp: 211991
Ion Ratio Lower Upper
91 100
106 31.4 24.6 36.8



#68
m/p-Xylenes
Concen: 40.788 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion:106 Resp: 166515
Ion Ratio Lower Upper
106 100
91 196.9 166.1 249.1

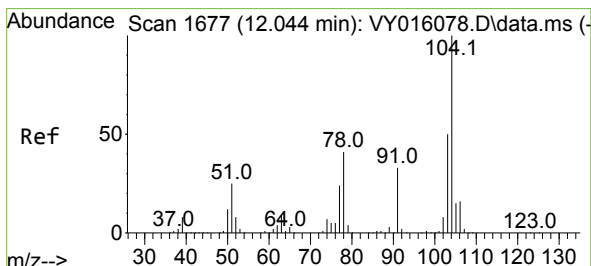
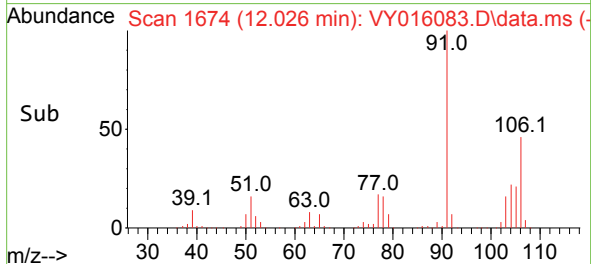
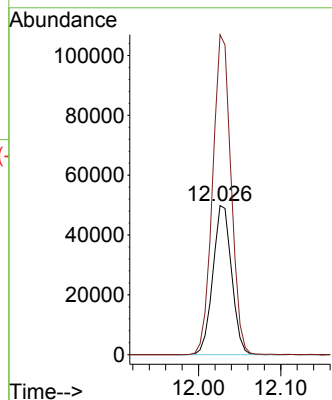
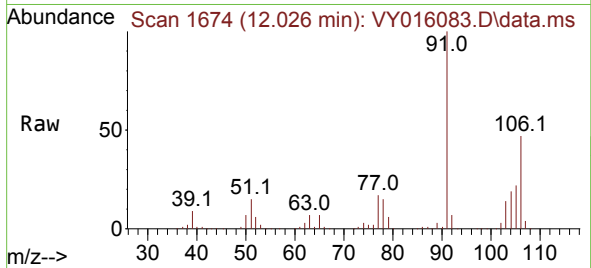




#69
o-Xylene
Concen: 20.176 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

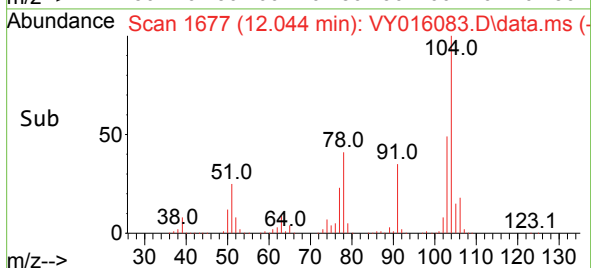
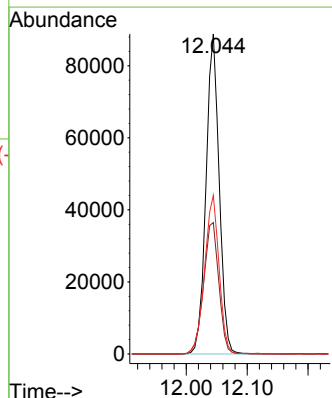
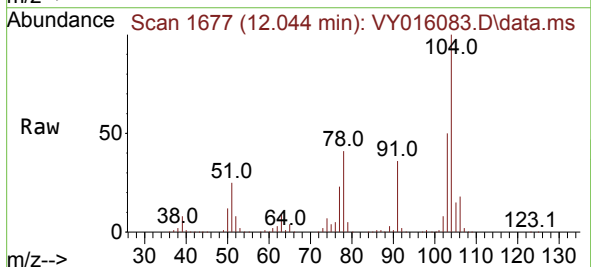
Instrument :
MSVOA_Y
ClientSampleId :

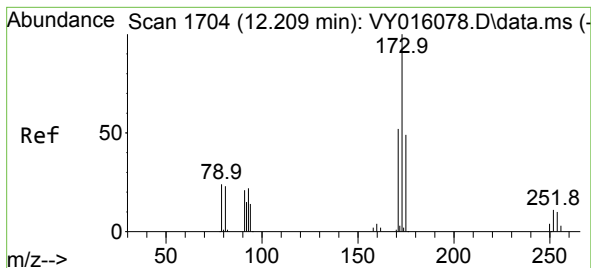
Tgt Ion:106 Resp: 78857
Ion Ratio Lower Upper
106 100
91 211.2 108.1 324.3



#70
Styrene
Concen: 20.512 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion:104 Resp: 133637
Ion Ratio Lower Upper
104 100
78 47.3 41.5 62.3
103 54.2 44.6 67.0





#71

Bromoform

Concen: 21.021 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

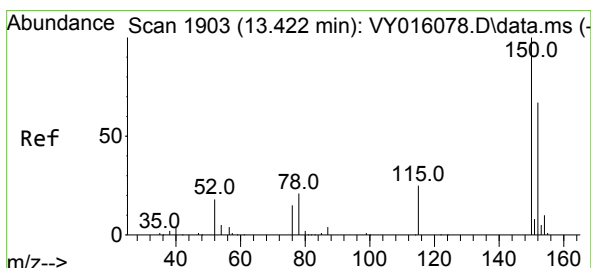
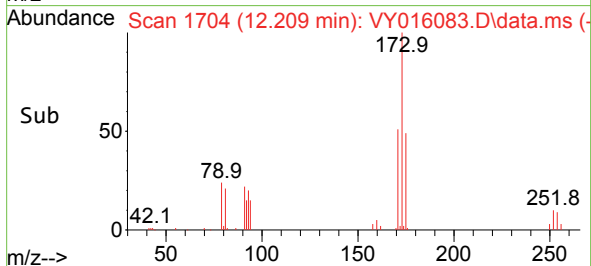
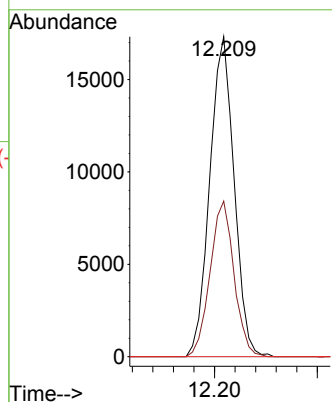
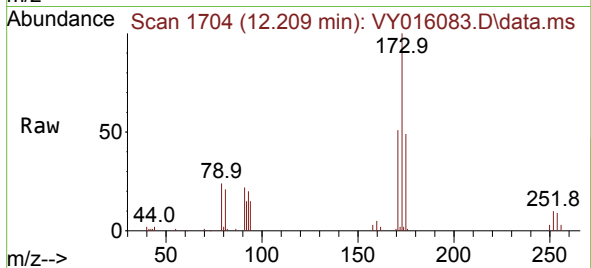
Tgt Ion:173 Resp: 28401

Ion Ratio Lower Upper

173 100

175 47.8 24.6 73.8

254 0.0 0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

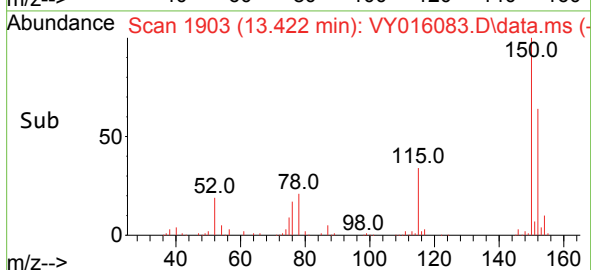
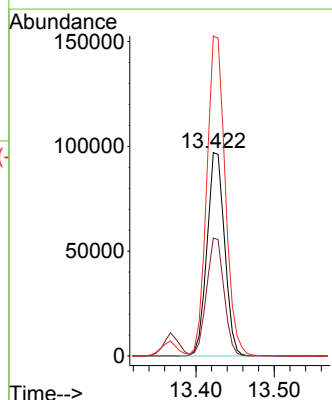
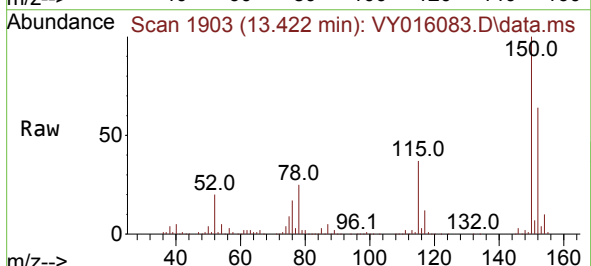
Tgt Ion:152 Resp: 151264

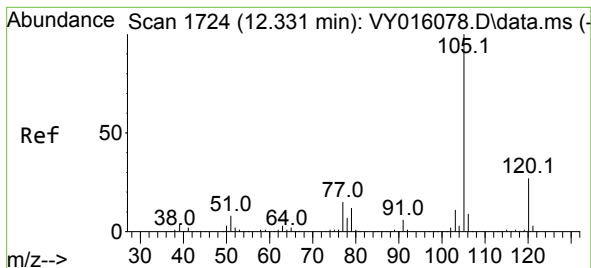
Ion Ratio Lower Upper

152 100

115 57.4 28.8 86.5

150 164.2 0.0 348.8





#73

Isopropylbenzene

Concen: 19.743 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

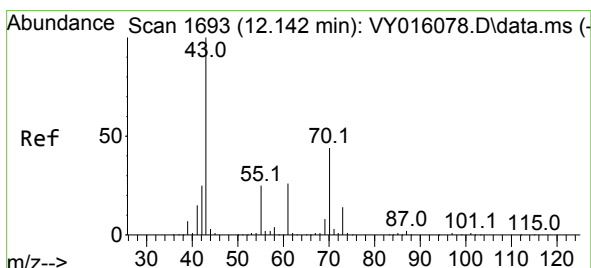
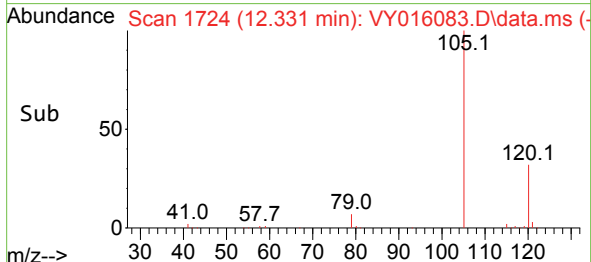
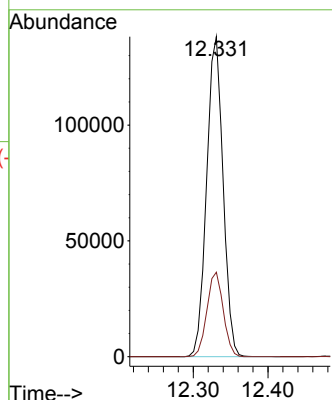
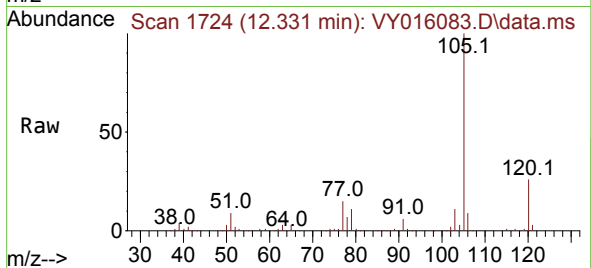
ClientSampleId :

Tgt Ion:105 Resp: 210174

Ion Ratio Lower Upper

105 100

120 26.3 13.3 39.9



#74

N-ethyl acetate

Concen: 20.809 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Tgt Ion: 43 Resp: 54015

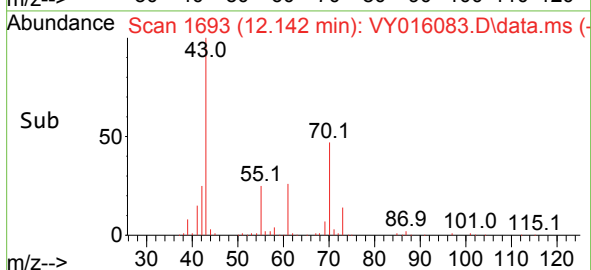
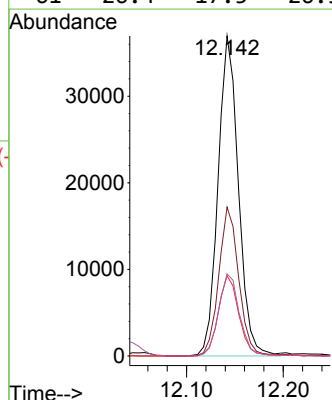
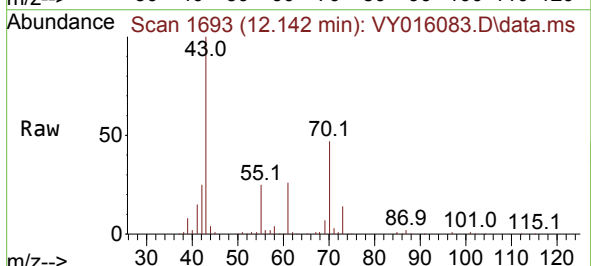
Ion Ratio Lower Upper

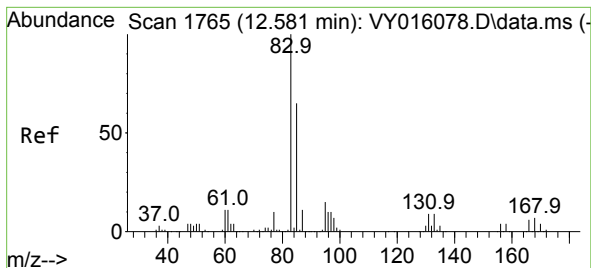
43 100

70 46.0 29.7 44.5#

55 25.3 18.3 27.5

61 26.4 17.5 26.3#





#75

1,1,2,2-Tetrachloroethane

Concen: 20.817 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

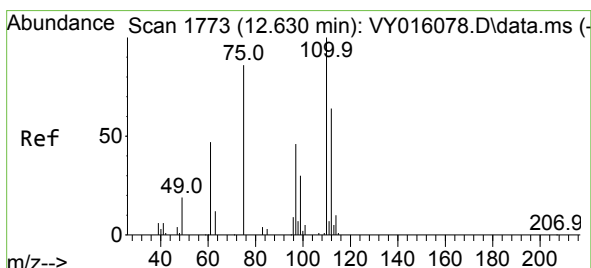
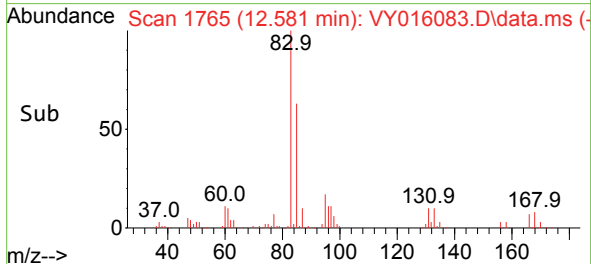
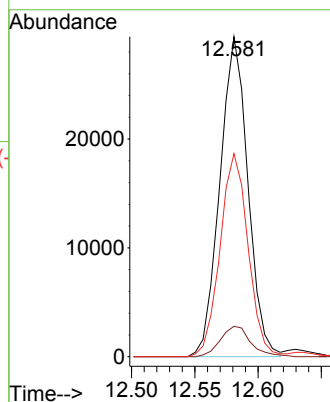
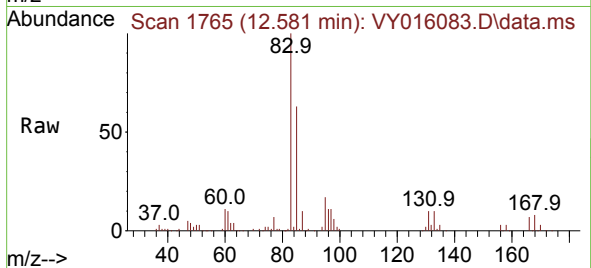
Tgt Ion: 83 Resp: 45301

Ion Ratio Lower Upper

83 100

131 10.3 5.4 16.2

85 63.5 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 36.867 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY016083.D

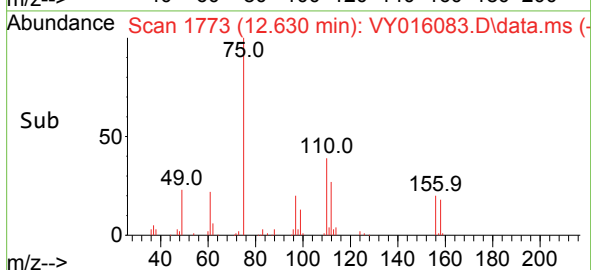
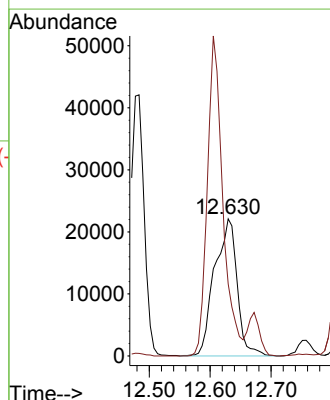
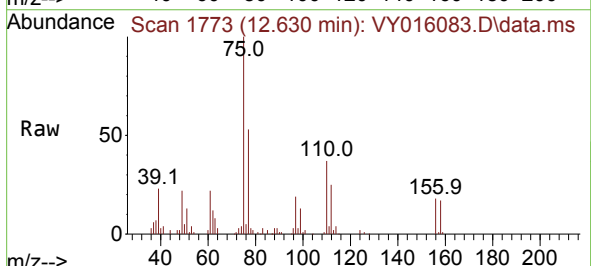
Acq: 26 Oct 2023 17:33

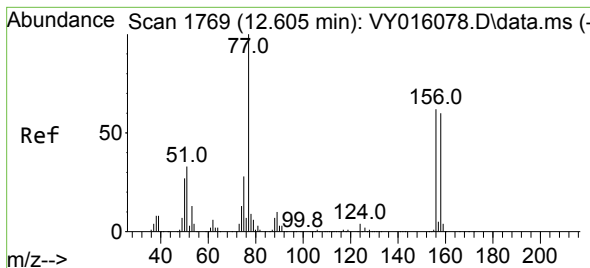
Tgt Ion: 75 Resp: 56935

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.222 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

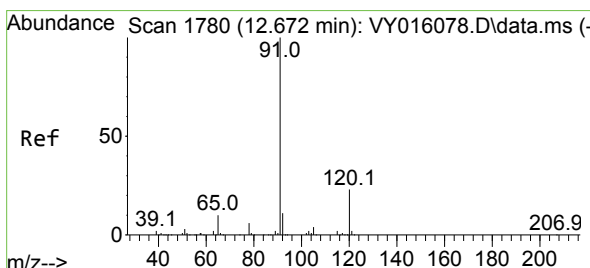
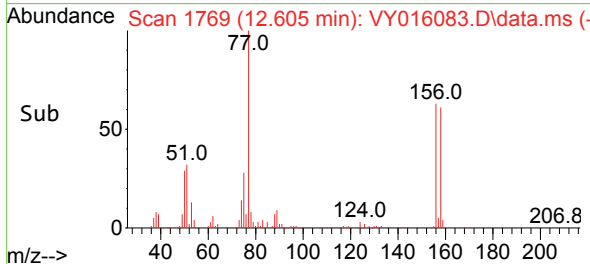
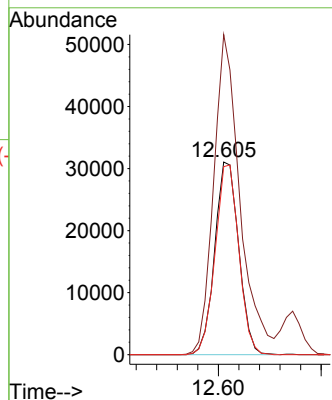
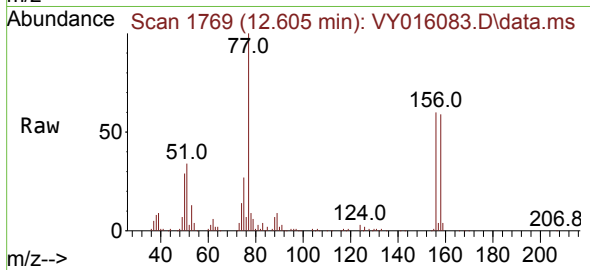
Tgt Ion:156 Resp: 50241

Ion Ratio Lower Upper

156 100

77 182.5 92.8 278.6

158 97.3 48.4 145.3



#78

n-propylbenzene

Concen: 19.864 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY016083.D

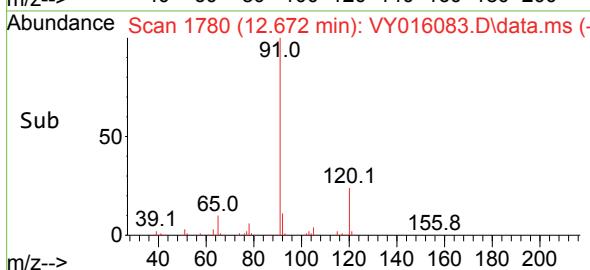
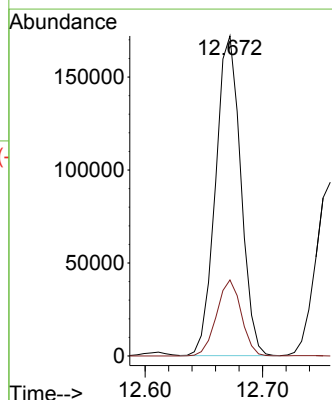
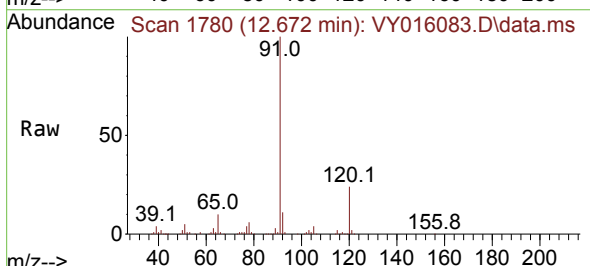
Acq: 26 Oct 2023 17:33

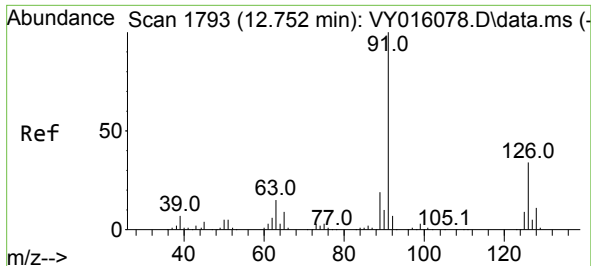
Tgt Ion: 91 Resp: 256038

Ion Ratio Lower Upper

91 100

120 23.3 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.767 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

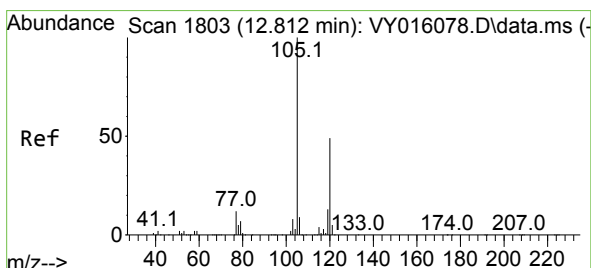
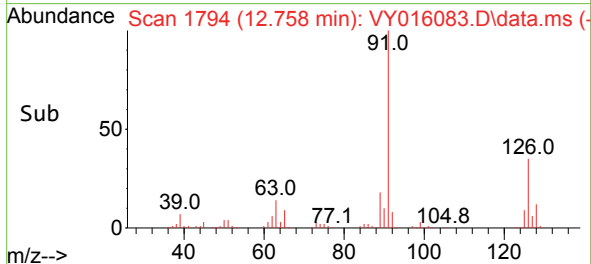
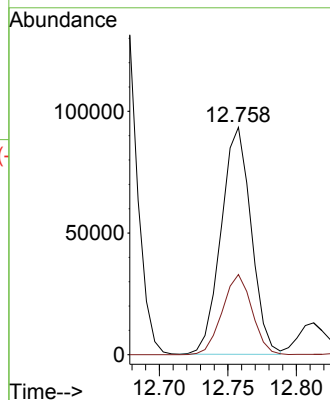
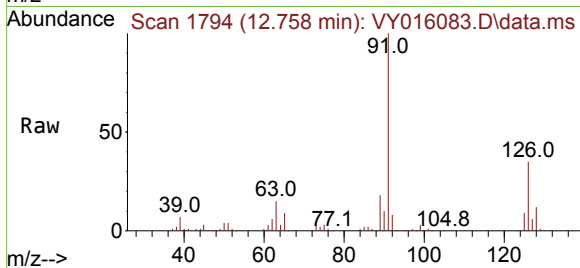
ClientSampleId :

Tgt Ion: 91 Resp: 142695

Ion Ratio Lower Upper

91 100

126 34.9 17.3 51.7



#80

1,3,5-Trimethylbenzene

Concen: 19.830 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY016083.D

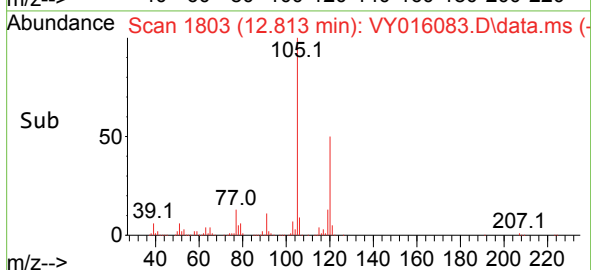
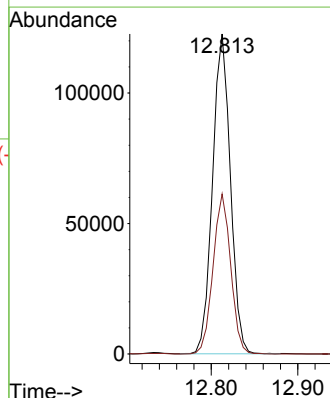
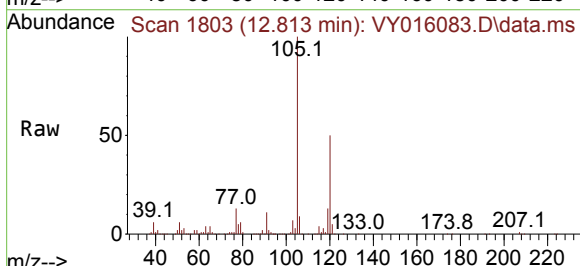
Acq: 26 Oct 2023 17:33

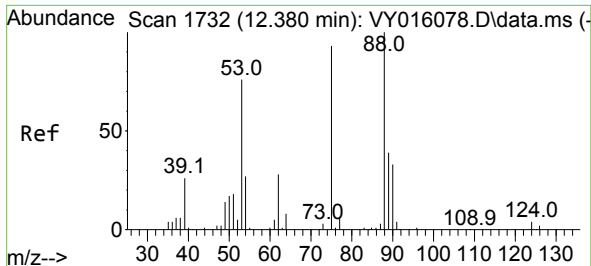
Tgt Ion:105 Resp: 175267

Ion Ratio Lower Upper

105 100

120 49.6 23.9 71.7

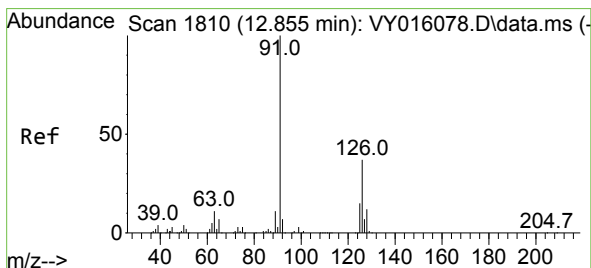
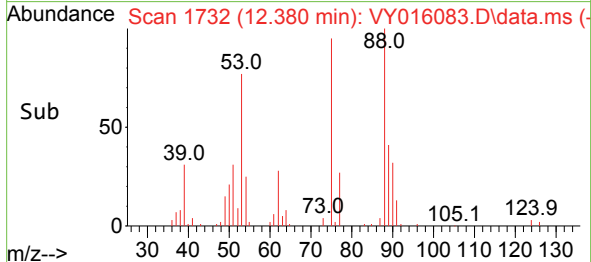
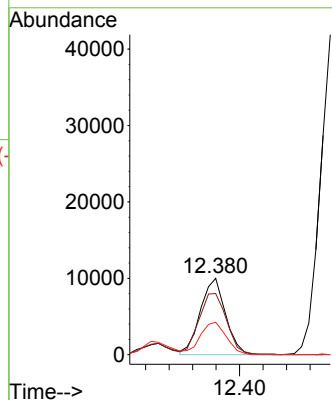
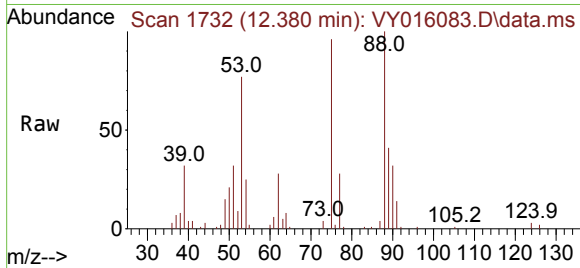




#81
trans-1,4-Dichloro-2-butene
Concen: 20.999 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

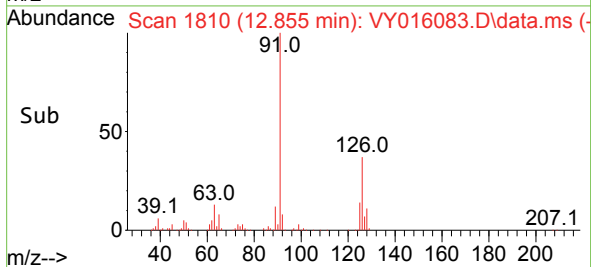
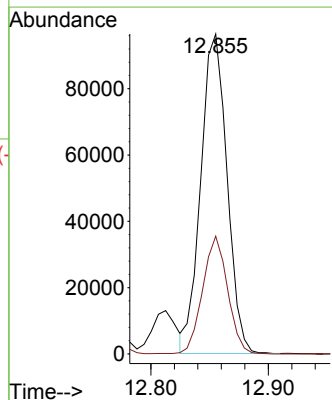
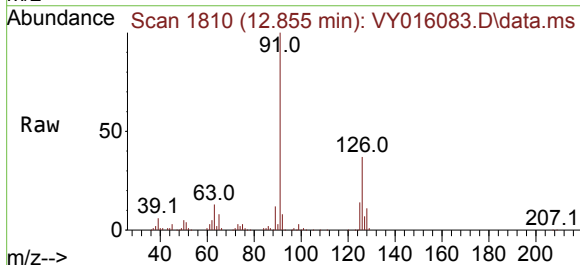
Instrument :
MSVOA_Y
ClientSampleId :

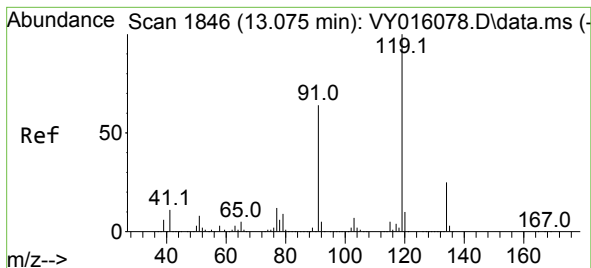
Tgt Ion: 75 Resp: 14923
Ion Ratio Lower Upper
75 100
53 87.9 77.8 116.8
89 44.0 37.4 56.0



#82
4-Chlorotoluene
Concen: 19.984 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion: 91 Resp: 149607
Ion Ratio Lower Upper
91 100
126 35.2 17.2 51.6





#83

tert-Butylbenzene

Concen: 19.803 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

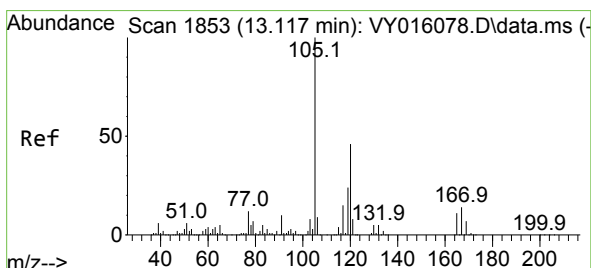
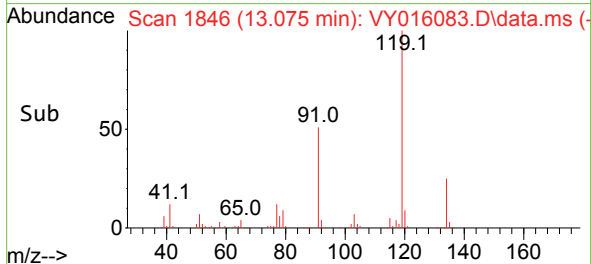
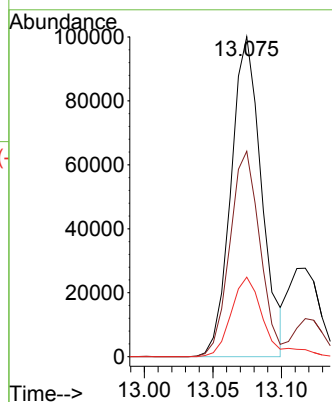
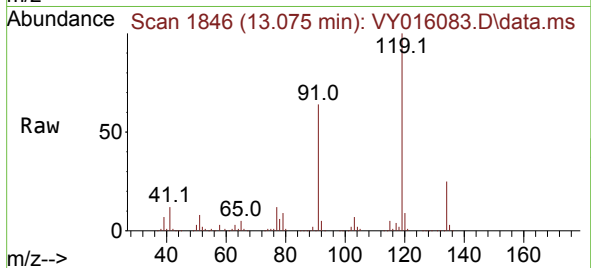
Tgt Ion:119 Resp: 155580

Ion Ratio Lower Upper

119 100

91 63.1 32.9 98.6

134 26.7 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 20.099 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY016083.D

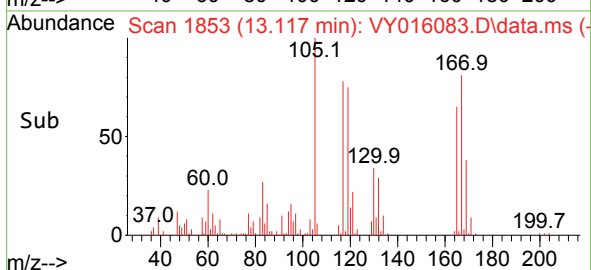
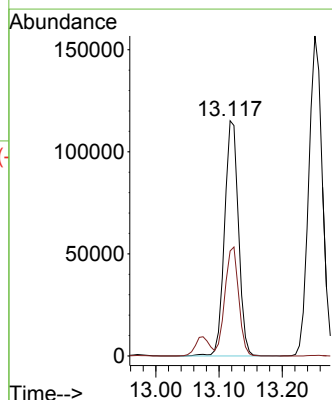
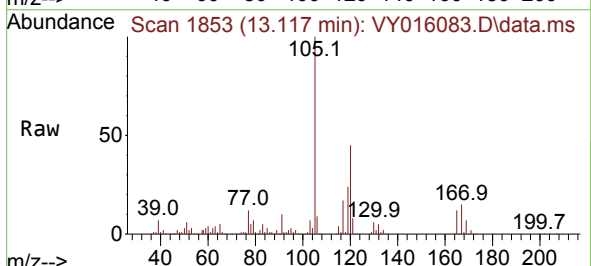
Acq: 26 Oct 2023 17:33

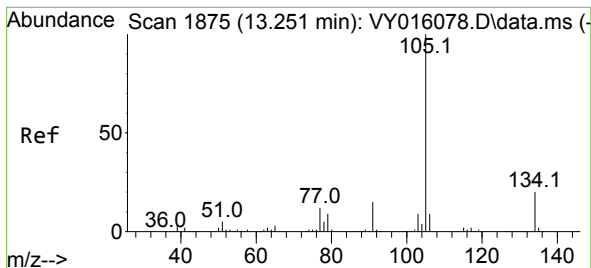
Tgt Ion:105 Resp: 175446

Ion Ratio Lower Upper

105 100

120 45.7 22.2 66.6





#85

sec-Butylbenzene

Concen: 19.907 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

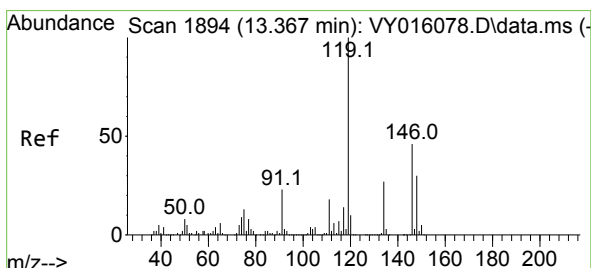
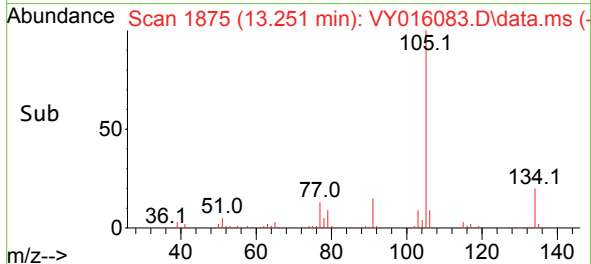
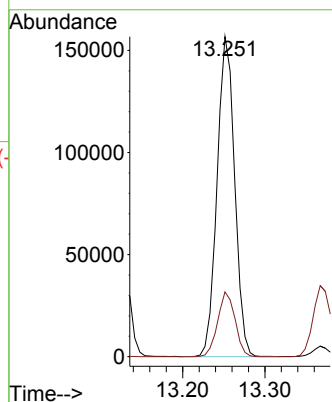
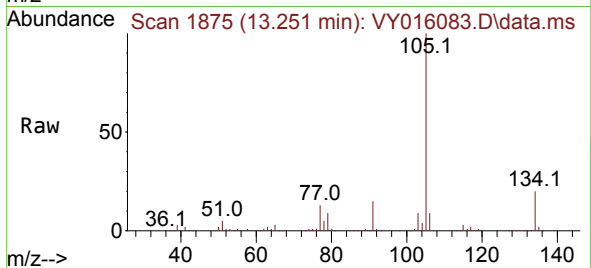
ClientSampleId :

Tgt Ion:105 Resp: 232937

Ion Ratio Lower Upper

105 100

134 20.0 10.2 30.6



#86

p-Isopropyltoluene

Concen: 19.783 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

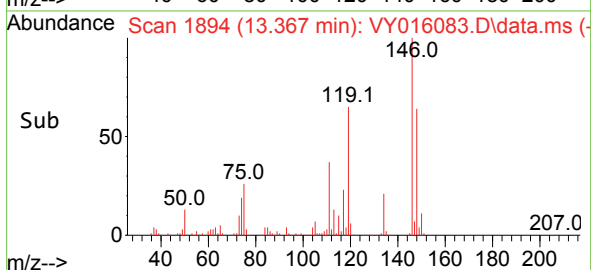
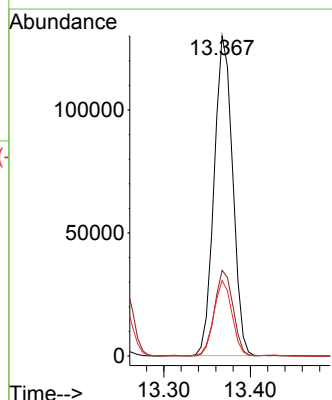
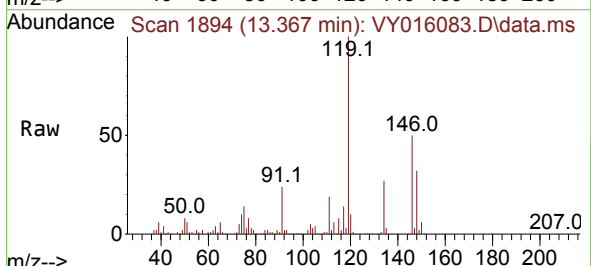
Tgt Ion:119 Resp: 193162

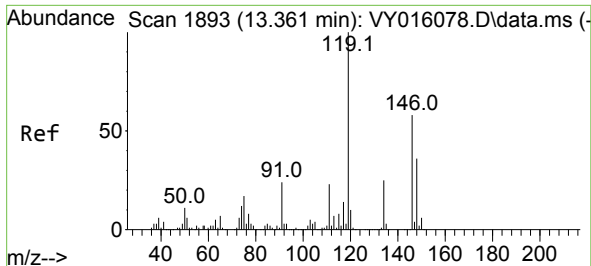
Ion Ratio Lower Upper

119 100

134 26.7 13.3 39.8

91 23.0 12.4 37.4

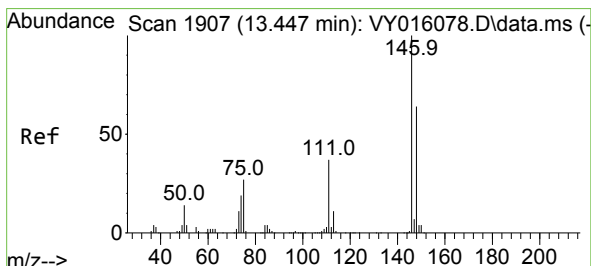
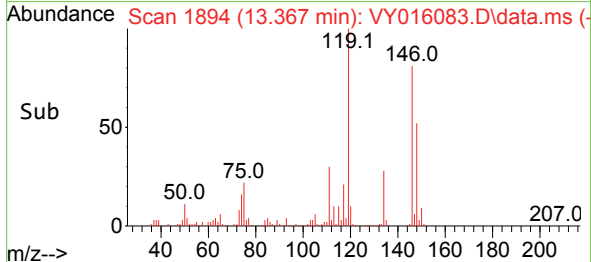
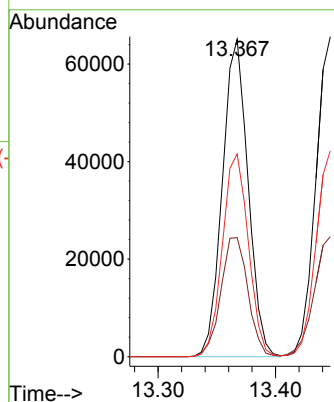
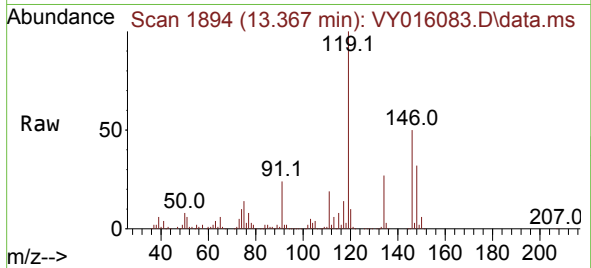




#87
1,3-Dichlorobenzene
Concen: 19.694 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

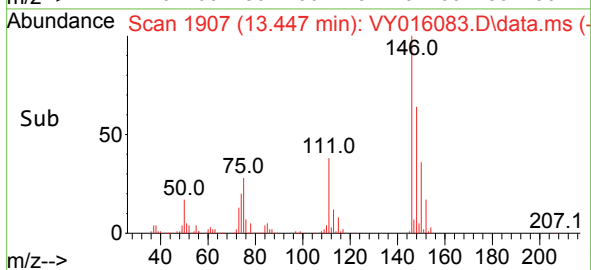
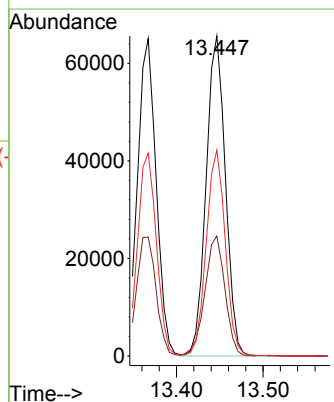
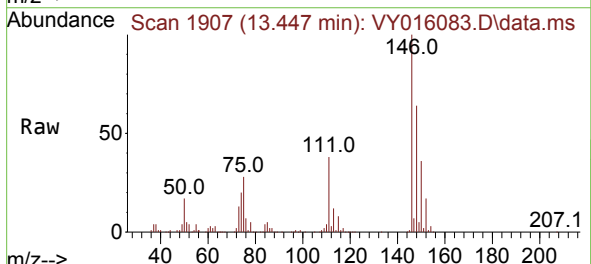
Instrument :
MSVOA_Y
ClientSampleId :

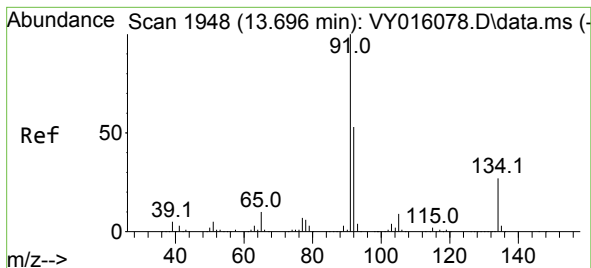
Tgt Ion:146 Resp: 98798
Ion Ratio Lower Upper
146 100
111 39.6 19.4 58.2
148 64.6 31.9 95.5



#88
1,4-Dichlorobenzene
Concen: 20.470 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY016083.D
Acq: 26 Oct 2023 17:33

Tgt Ion:146 Resp: 101493
Ion Ratio Lower Upper
146 100
111 39.1 18.9 56.7
148 63.6 32.1 96.5





#89

n-Butylbenzene

Concen: 19.905 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

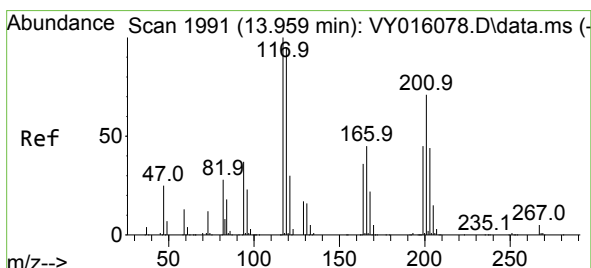
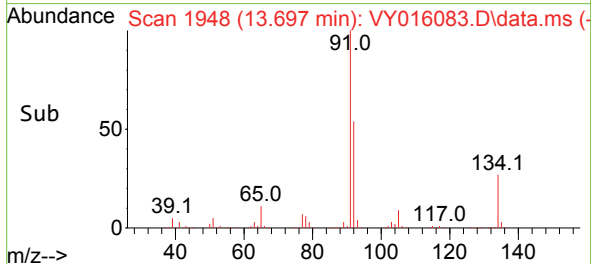
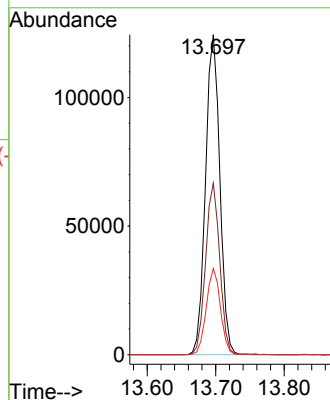
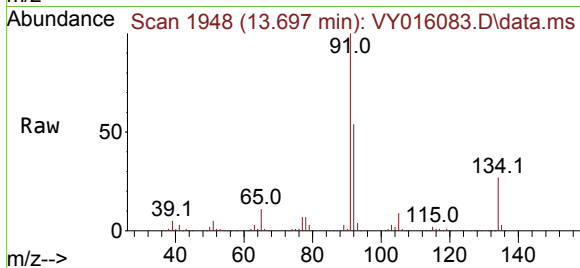
Tgt Ion: 91 Resp: 181292

Ion Ratio Lower Upper

91 100

92 53.0 25.4 76.0

134 26.6 12.6 37.6



#90

Hexachloroethane

Concen: 19.215 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY016083.D

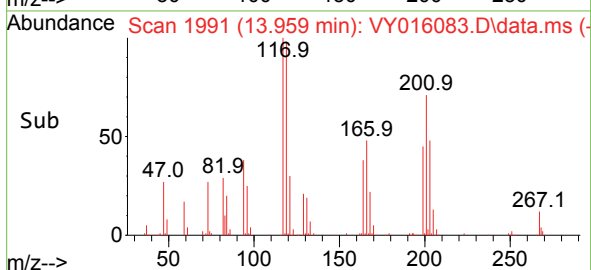
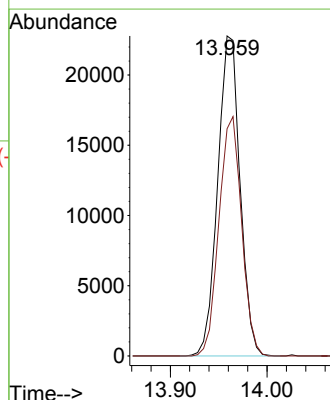
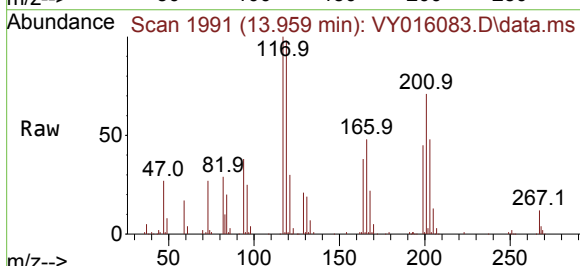
Acq: 26 Oct 2023 17:33

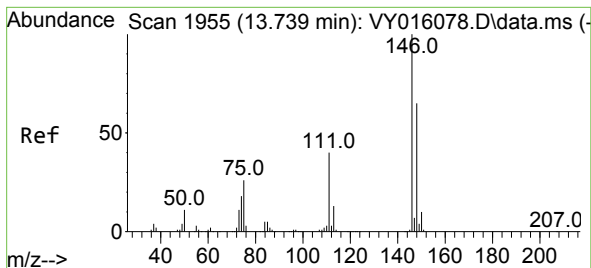
Tgt Ion: 117 Resp: 36526

Ion Ratio Lower Upper

117 100

201 75.7 41.6 124.8





#91

1,2-Dichlorobenzene

Concen: 20.553 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

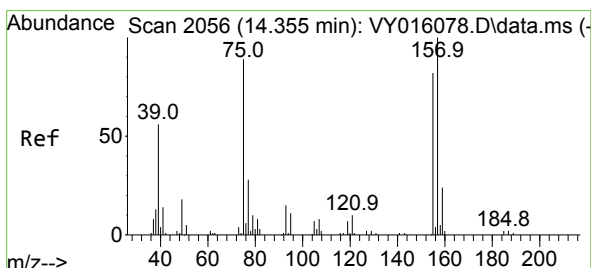
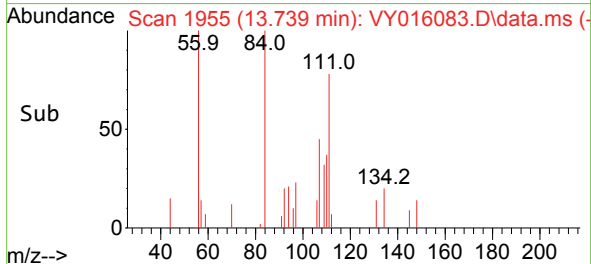
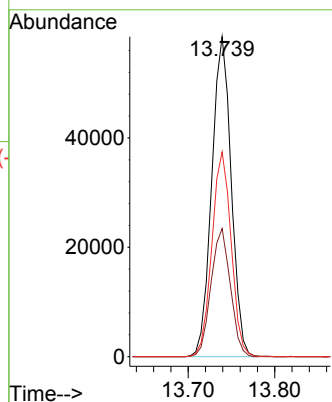
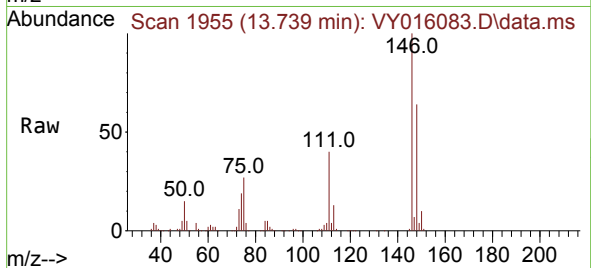
Tgt Ion:146 Resp: 91292

Ion Ratio Lower Upper

146 100

111 39.8 19.7 59.0

148 63.3 32.0 96.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.499 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

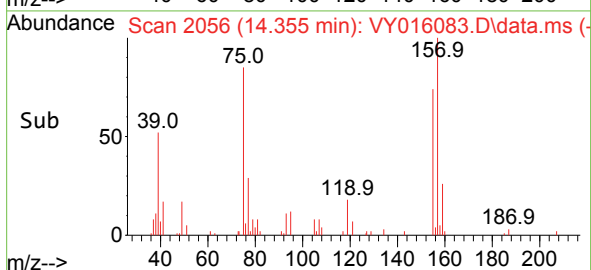
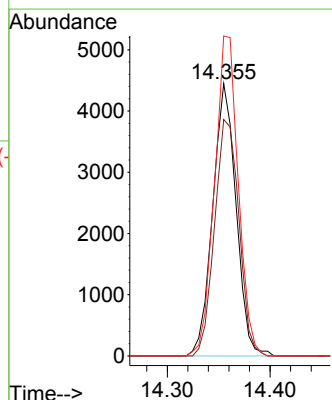
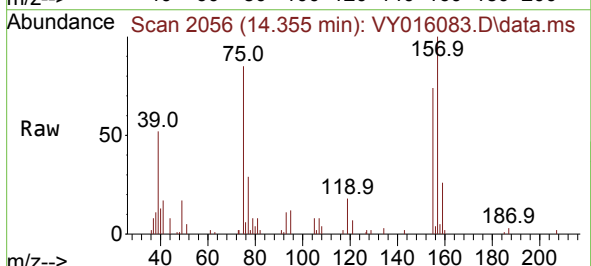
Tgt Ion: 75 Resp: 7003

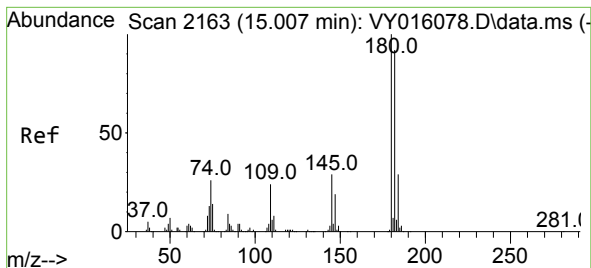
Ion Ratio Lower Upper

75 100

155 90.4 41.5 124.6

157 119.4 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 20.725 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

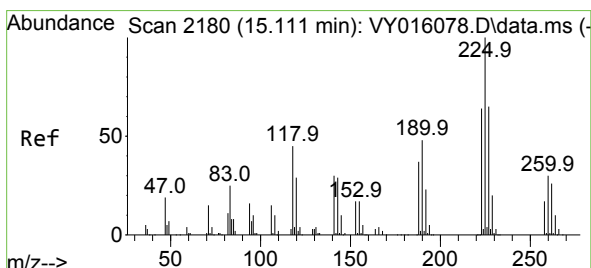
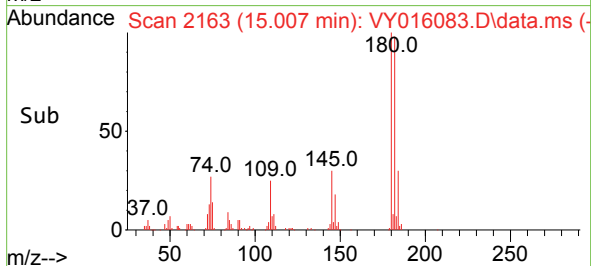
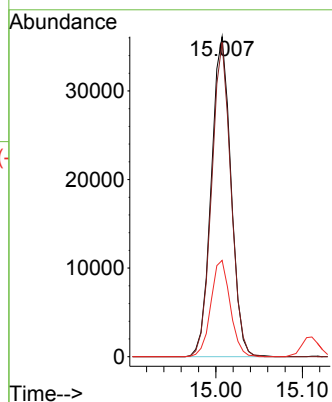
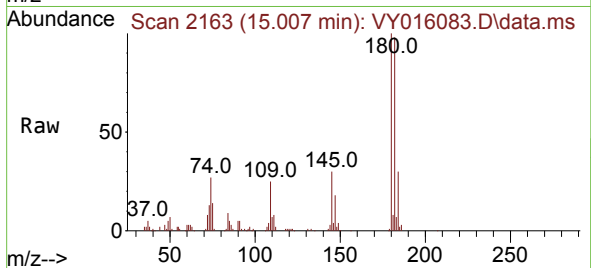
Tgt Ion:180 Resp: 56952

Ion Ratio Lower Upper

180 100

182 96.1 47.0 141.2

145 29.6 14.5 43.5



#94

Hexachlorobutadiene

Concen: 20.023 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

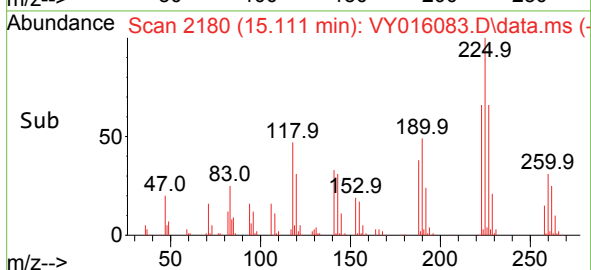
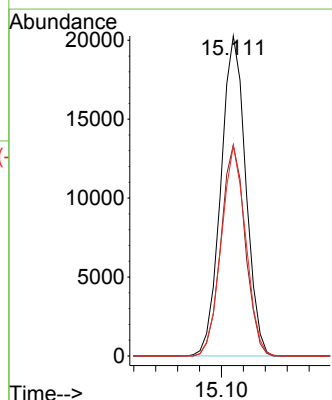
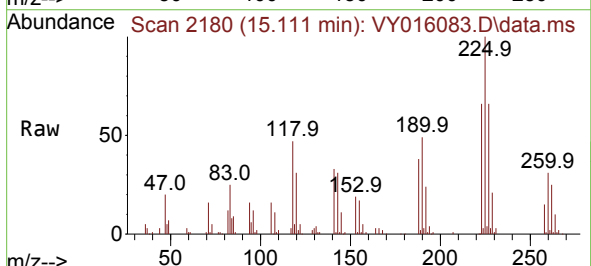
Tgt Ion:225 Resp: 31935

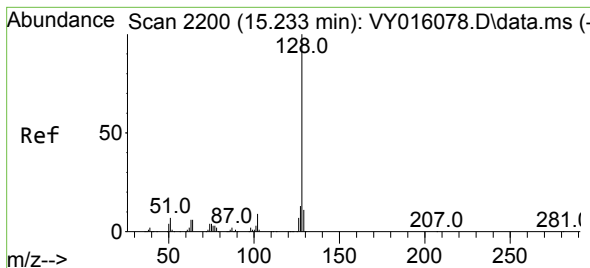
Ion Ratio Lower Upper

225 100

223 64.3 31.9 95.9

227 64.5 33.0 98.9





#95

Naphthalene

Concen: 21.091 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Instrument :

MSVOA_Y

ClientSampleId :

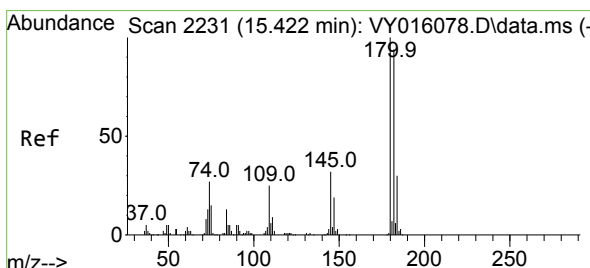
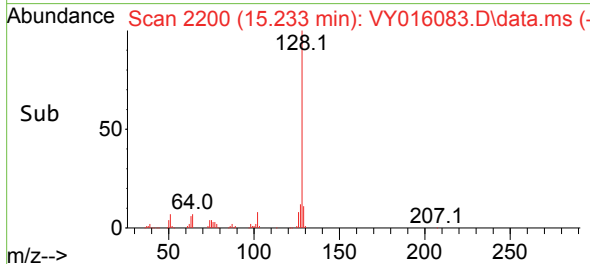
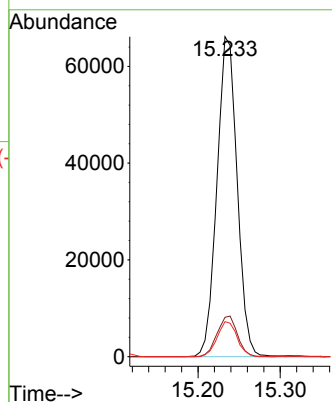
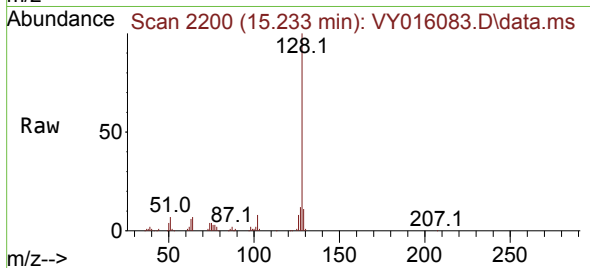
Tgt Ion:128 Resp: 113032

Ion Ratio Lower Upper

128 100

127 12.8 10.8 16.2

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.894 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY016083.D

Acq: 26 Oct 2023 17:33

Tgt Ion:180 Resp: 49513

Ion Ratio Lower Upper

180 100

182 94.1 47.3 141.8

145 32.2 15.4 46.2

