

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
 Data File : VY016084.D
 Acq On : 26 Oct 2023 17:55
 Operator : SY/MD
 Sample : VY1026SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 27 04:20:00 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	197385	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	318255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	288285	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	146558	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	103875	52.924	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.840%	
35) Dibromofluoromethane	7.716	113	104417	51.971	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.940%	
50) Toluene-d8	10.179	98	388376	52.186	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 104.380%	
62) 4-Bromofluorobenzene	12.483	95	136224	53.362	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.720%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	27661	20.306	ug/l	99
3) Chloromethane	2.113	50	35021	20.980	ug/l	99
4) Vinyl Chloride	2.247	62	39839	20.891	ug/l	96
5) Bromomethane	2.638	94	30311	21.385	ug/l	97
6) Chloroethane	2.784	64	27130	20.770	ug/l	98
7) Trichlorofluoromethane	3.119	101	64209	21.040	ug/l	97
8) Diethyl Ether	3.528	74	23003	22.489	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.900	101	39064	21.219	ug/l	95
10) Methyl Iodide	4.088	142	48854	20.769	ug/l	97
11) Tert butyl alcohol	4.942	59	36275	157.917	ug/l #	92
12) 1,1-Dichloroethene	3.869	96	35766	21.205	ug/l	89
13) Acrolein	3.723	56	27026	110.555	ug/l	98
14) Allyl chloride	4.473	41	56653	21.487	ug/l	93
15) Acrylonitrile	5.155	53	57264	114.123	ug/l	97
16) Acetone	3.942	43	58060	109.138	ug/l	90
17) Carbon Disulfide	4.192	76	97711	20.943	ug/l	100
18) Methyl Acetate	4.473	43	41981	22.320	ug/l	92
19) Methyl tert-butyl Ether	5.216	73	106250	22.089	ug/l	99
20) Methylene Chloride	4.710	84	57497	24.823	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	41947	21.455	ug/l	93
22) Diisopropyl ether	6.113	45	127153	22.055	ug/l	93
23) Vinyl Acetate	6.058	43	344953	111.672	ug/l #	93
24) 1,1-Dichloroethane	6.015	63	75572	21.757	ug/l	97
25) 2-Butanone	6.984	43	80435	112.026	ug/l	95
26) 2,2-Dichloropropane	6.978	77	67845	21.011	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	49328	21.483	ug/l	93
28) Bromochloromethane	7.332	49	32175	22.643	ug/l	92
29) Tetrahydrofuran	7.344	42	47557	115.440	ug/l	91
30) Chloroform	7.503	83	78835	21.486	ug/l	95
31) Cyclohexane	7.783	56	65058	21.070	ug/l	88
32) 1,1,1-Trichloroethane	7.698	97	70118	21.305	ug/l	98
36) 1,1-Dichloropropene	7.917	75	58757	20.980	ug/l	99
37) Ethyl Acetate	7.070	43	33201	23.129	ug/l #	95
38) Carbon Tetrachloride	7.899	117	62366	21.058	ug/l	99
39) Methylcyclohexane	9.179	83	70692	20.720	ug/l	92
40) Benzene	8.161	78	170815	21.543	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	14890	19.820	ug/l #	88
42) 1,2-Dichloroethane	8.234	62	50045	21.843	ug/l	94
43) Isopropyl Acetate	8.271	43	60676	22.607	ug/l	93
44) Trichloroethene	8.941	130	46972	21.215	ug/l	95
45) 1,2-Dichloropropane	9.216	63	43330	21.592	ug/l	99
46) Dibromomethane	9.307	93	26556	22.569	ug/l	95
47) Bromodichloromethane	9.496	83	61811	21.721	ug/l	99
48) Methyl methacrylate	9.295	41	26512	21.441	ug/l	88
49) 1,4-Dioxane	9.295	88	7171	487.102	ug/l #	59
51) 4-Methyl-2-Pentanone	10.069	43	163313	115.316	ug/l	92
52) Toluene	10.240	92	110316	21.666	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	62572	21.502	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	71791	21.815	ug/l #	88
55) 1,1,2-Trichloroethane	10.642	97	37308	22.315	ug/l	96
56) Ethyl methacrylate	10.508	69	48810	22.717	ug/l #	85
57) 1,3-Dichloropropane	10.789	76	62537	22.377	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.783	63	120416	112.577	ug/l	94
59) 2-Hexanone	10.831	43	120953	115.940	ug/l	89
60) Dibromochloromethane	10.984	129	45230	22.093	ug/l	100
61) 1,2-Dibromoethane	11.087	107	35822	22.376	ug/l	100
64) Tetrachloroethene	10.721	164	41227	21.610	ug/l	97
65) Chlorobenzene	11.514	112	122957	21.704	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	46470	21.964	ug/l	98
67) Ethyl Benzene	11.593	91	215502	21.416	ug/l	97
68) m/p-Xylenes	11.703	106	168573	43.289	ug/l	94
69) o-Xylene	12.026	106	80319	21.544	ug/l	96
70) Styrene	12.044	104	134842	21.698	ug/l	96
71) Bromoform	12.209	173	28507	22.120	ug/l #	98
73) Isopropylbenzene	12.331	105	214336	20.781	ug/l	100
74) N-amyl acetate	12.142	43	54918	21.836	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.581	83	46027	21.830	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	56640	37.853	ug/l #	100
77) Bromobenzene	12.611	156	50728	21.074	ug/l	100
78) n-propylbenzene	12.672	91	258963	20.736	ug/l	98
79) 2-Chlorotoluene	12.758	91	146192	20.902	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	179646	20.978	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	14257	20.706	ug/l	97
82) 4-Chlorotoluene	12.855	91	152279	20.994	ug/l	100
83) tert-Butylbenzene	13.075	119	159464	20.949	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	178767	21.137	ug/l	98
85) sec-Butylbenzene	13.251	105	239298	21.107	ug/l	100
86) p-Isopropyltoluene	13.367	119	198649	20.999	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	102608	21.110	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	101550	21.139	ug/l	98
89) n-Butylbenzene	13.697	91	186470	21.131	ug/l	97
90) Hexachloroethane	13.959	117	38420	20.860	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	90722	21.081	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	7371	22.269	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	58617	22.016	ug/l	99
94) Hexachlorobutadiene	15.111	225	33135	21.443	ug/l	100
95) Naphthalene	15.233	128	116179	22.375	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	51474	22.419	ug/l	99

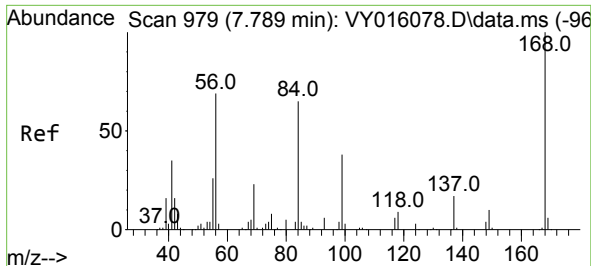
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY102623\
Data File : VY016084.D
Acq On : 26 Oct 2023 17:55
Operator : SY/MD
Sample : VY1026SBSD01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Title : SW846 8260
QLast Update : Fri Oct 27 04:12:29 2023
Response via : Initial Calibration

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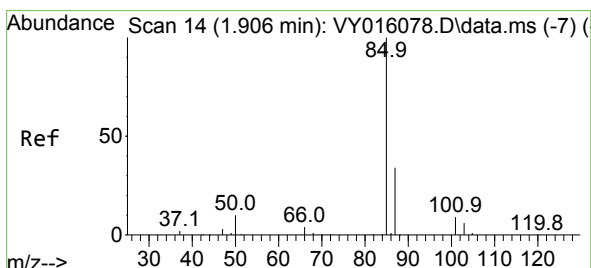
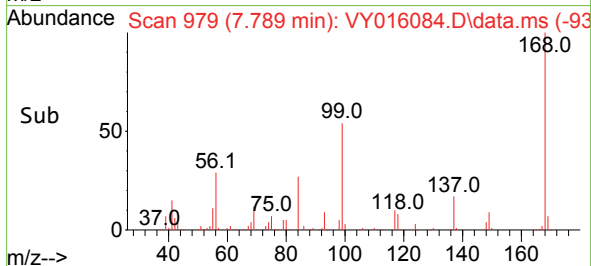
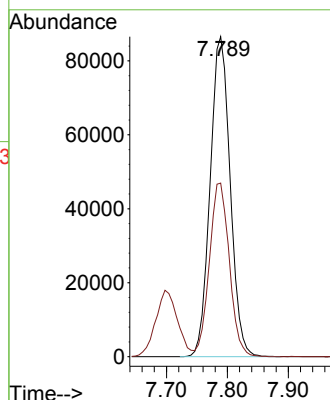
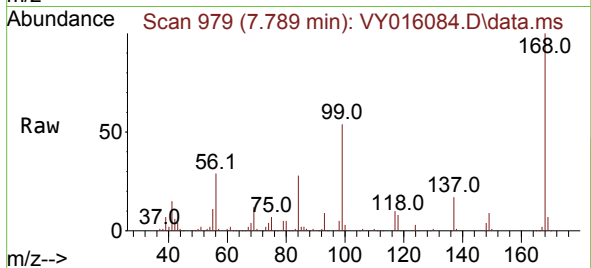
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY016084.D
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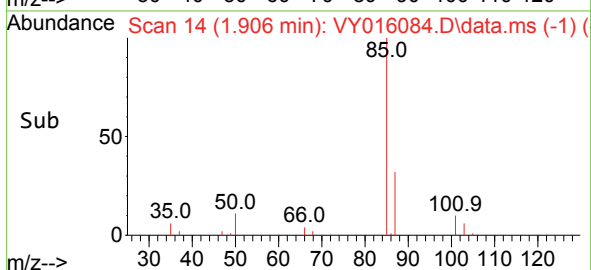
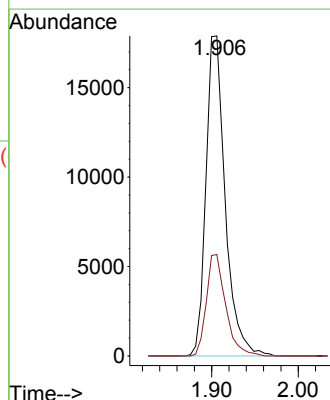
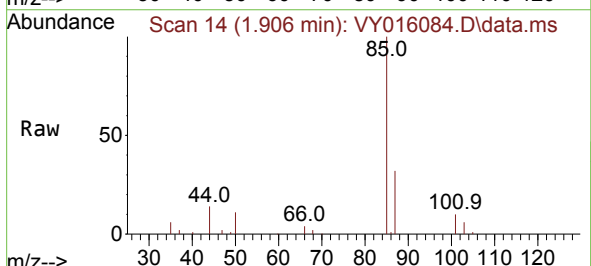
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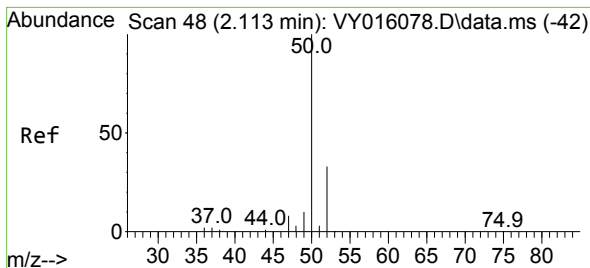
Tgt Ion:168 Resp: 197385
Ion Ratio Lower Upper
168 100
99 54.3 43.4 65.0



#2
Dichlorodifluoromethane
Concen: 20.306 ug/l
RT: 1.906 min Scan# 14
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 85 Resp: 27661
Ion Ratio Lower Upper
85 100
87 31.7 15.6 46.8





#3

Chloromethane

Concen: 20.980 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

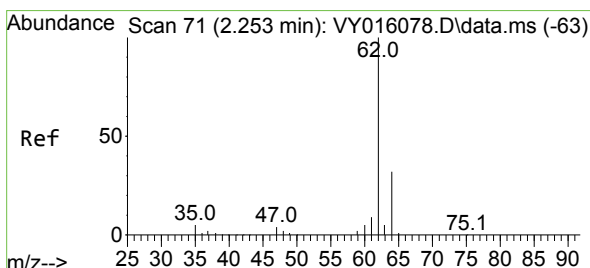
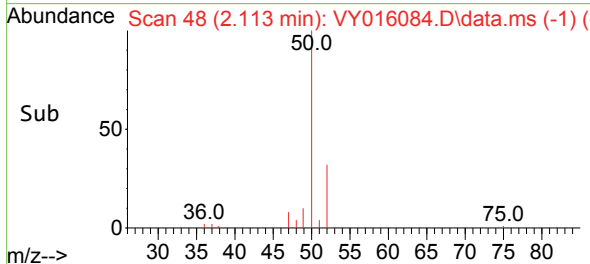
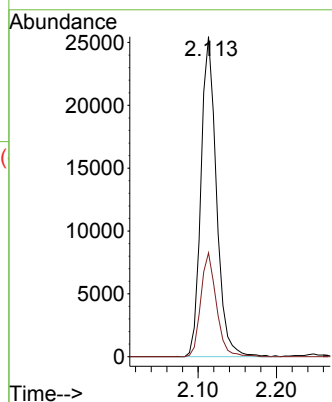
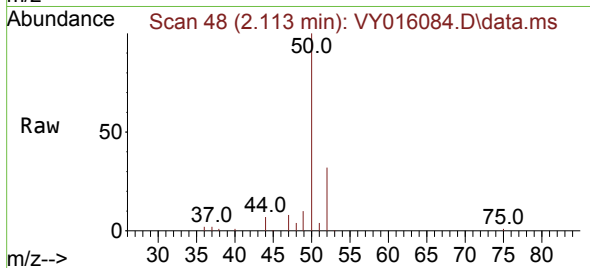
ClientSampleId :

Tgt Ion: 50 Resp: 35021

Ion Ratio Lower Upper

50 100

52 32.4 25.4 38.2



#4

Vinyl Chloride

Concen: 20.891 ug/l

RT: 2.247 min Scan# 70

Delta R.T. -0.006 min

Lab File: VY016084.D

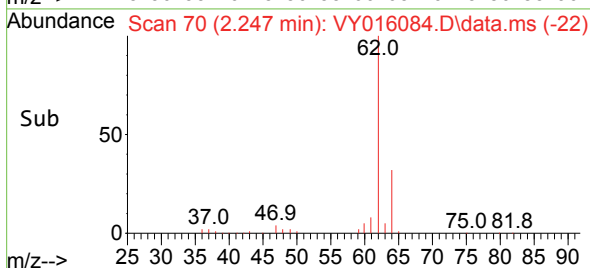
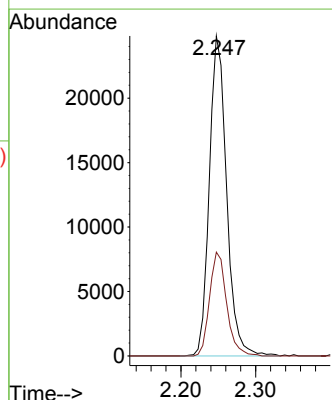
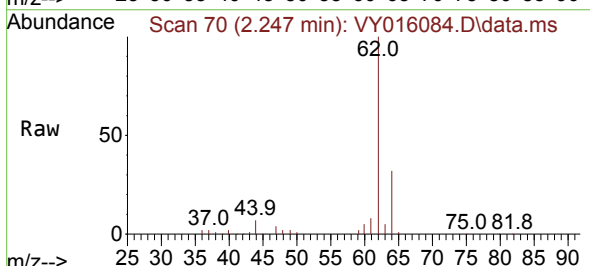
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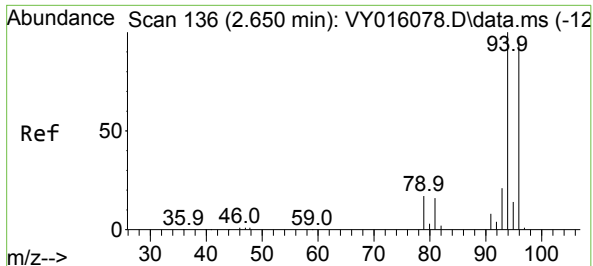
Tgt Ion: 62 Resp: 39839

Ion Ratio Lower Upper

62 100

64 32.4 24.3 36.5

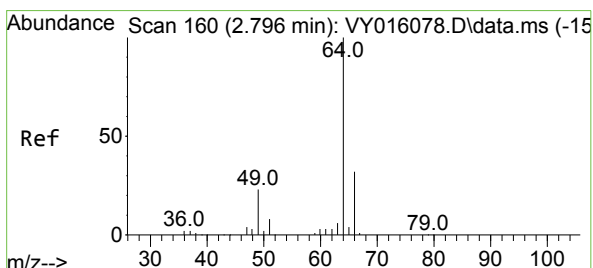
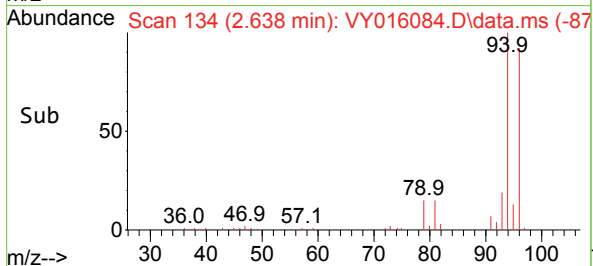
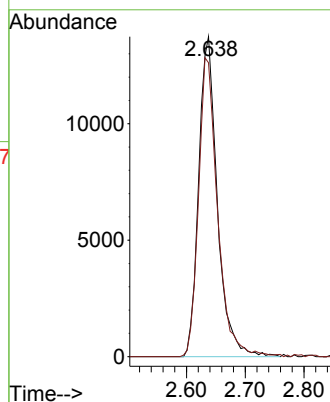
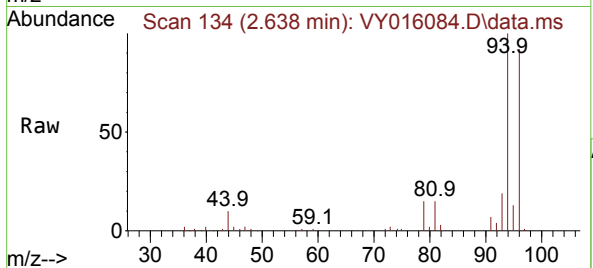




#5
Bromomethane
Concen: 21.385 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

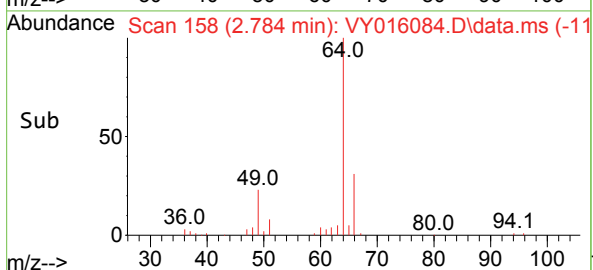
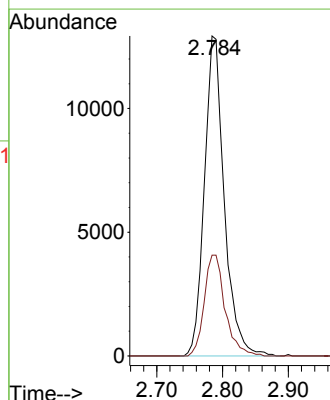
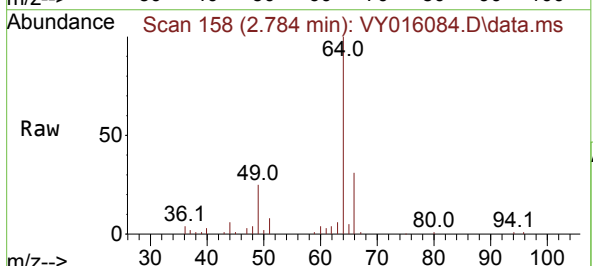
Instrument :
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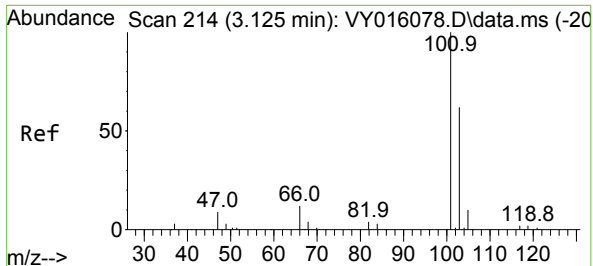
Tgt Ion: 94 Resp: 30311
Ion Ratio Lower Upper
94 100
96 91.9 75.8 113.6



#6
Chloroethane
Concen: 20.770 ug/l
RT: 2.784 min Scan# 158
Delta R.T. -0.012 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

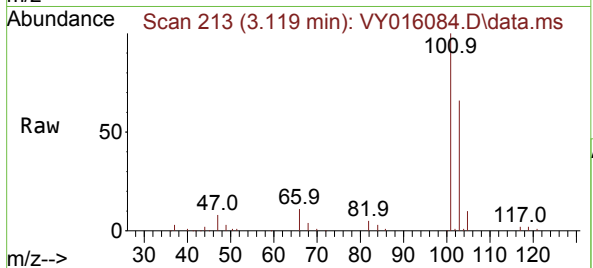
Tgt Ion: 64 Resp: 27130
Ion Ratio Lower Upper
64 100
66 31.5 24.4 36.6



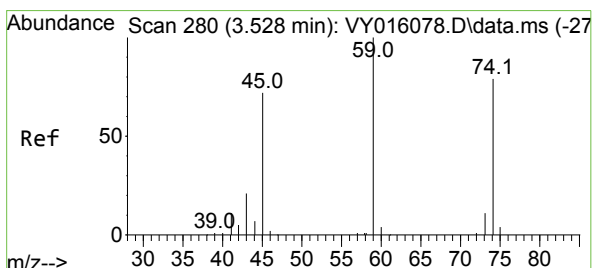
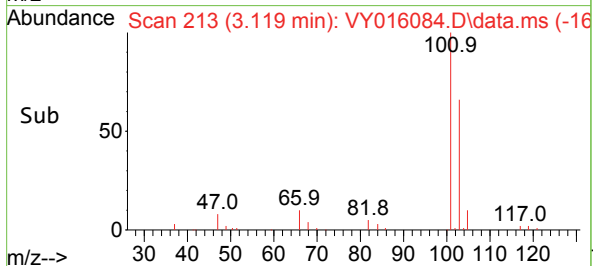
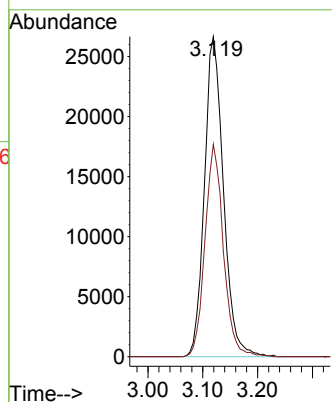


#7
Trichlorofluoromethane
Concen: 21.040 ug/l
RT: 3.119 min Scan# 214
Delta R.T. -0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :

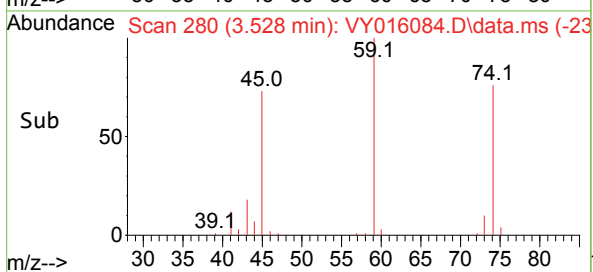
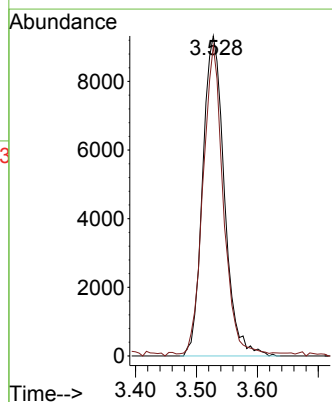
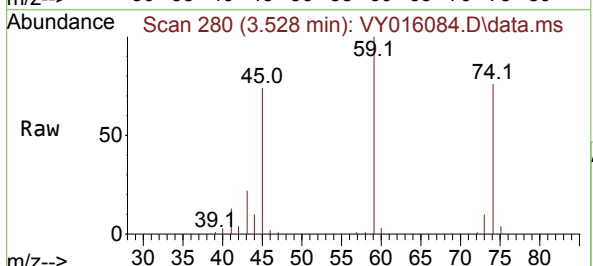


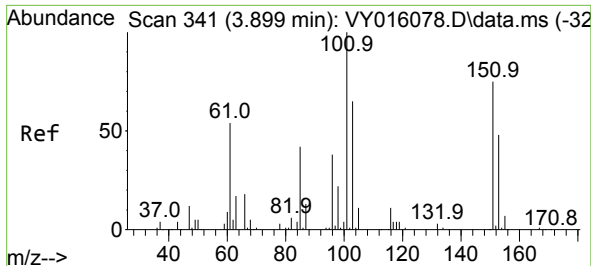
Tgt Ion:101 Resp: 64209
Ion Ratio Lower Upper
101 100
103 66.4 51.4 77.0



#8
Diethyl Ether
Concen: 22.489 ug/l
RT: 3.528 min Scan# 280
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 74 Resp: 23003
Ion Ratio Lower Upper
74 100
45 89.4 51.5 154.5

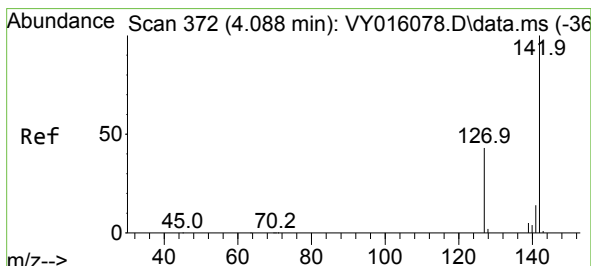
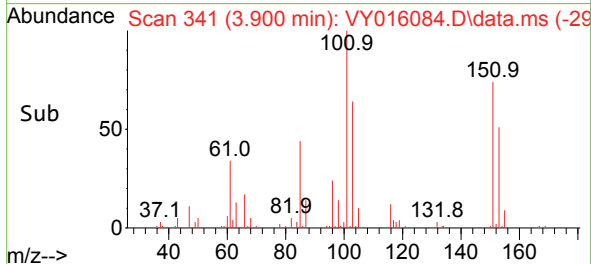
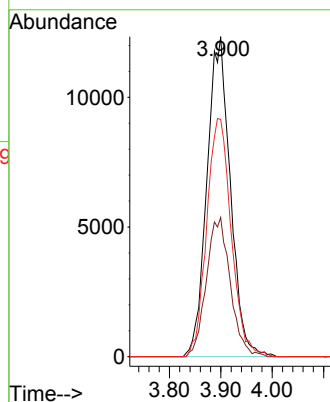
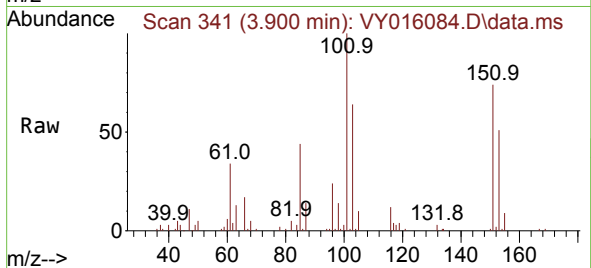




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.219 ug/l
RT: 3.900 min Scan# 341
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

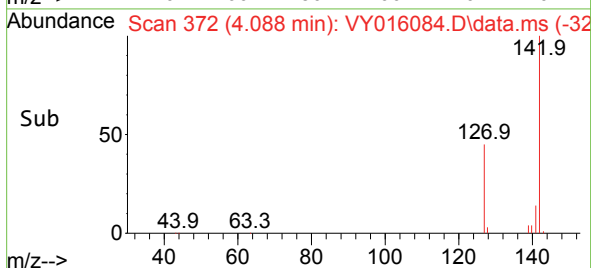
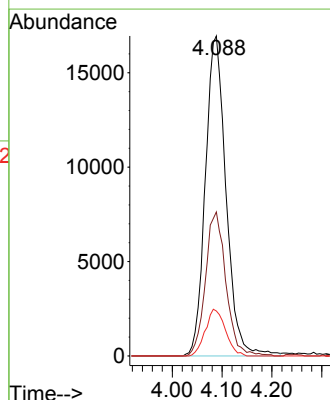
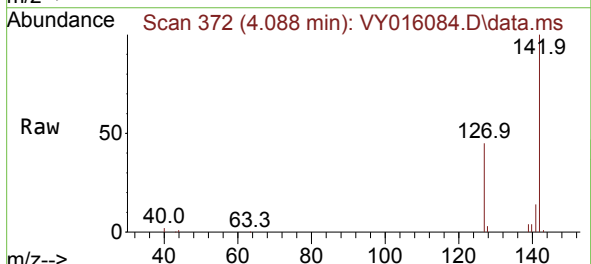
Instrument :
MSVOA_Y
ClientSampleId :

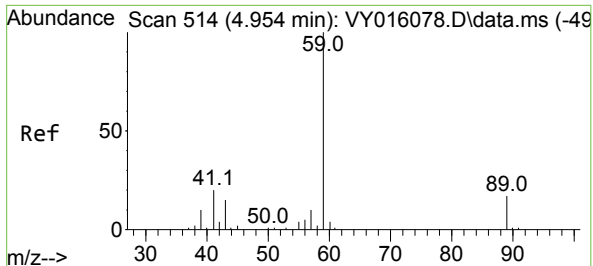
Tgt Ion:101 Resp: 39064
Ion Ratio Lower Upper
101 100
85 44.5 36.6 55.0
151 77.9 67.0 100.6



#10
Methyl Iodide
Concen: 20.769 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion:142 Resp: 48854
Ion Ratio Lower Upper
142 100
127 44.5 37.6 56.4
141 14.2 11.8 17.8





#11

Tert butyl alcohol

Concen: 157.917 ug/l

RT: 4.942 min Scan# 514

Delta R.T. -0.012 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

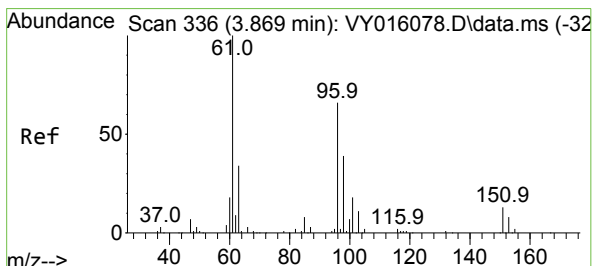
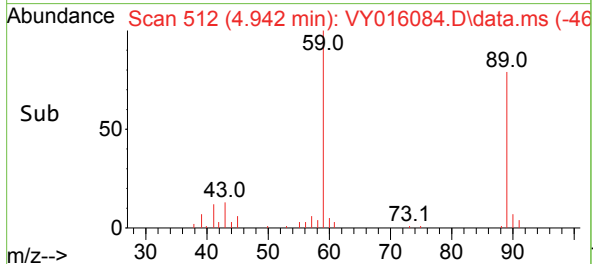
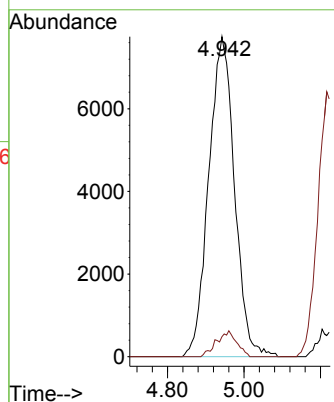
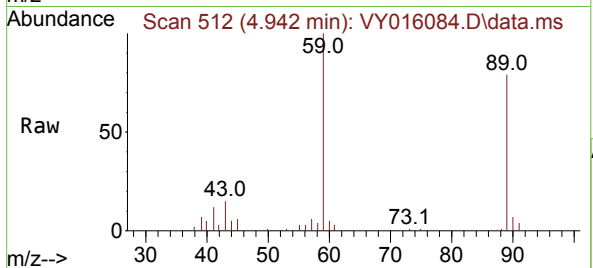
ClientSampleId :

Tgt Ion: 59 Resp: 36275

Ion Ratio Lower Upper

59 100

57 6.3 3.0 4.4#



#12

1,1-Dichloroethene

Concen: 21.205 ug/l

RT: 3.869 min Scan# 336

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

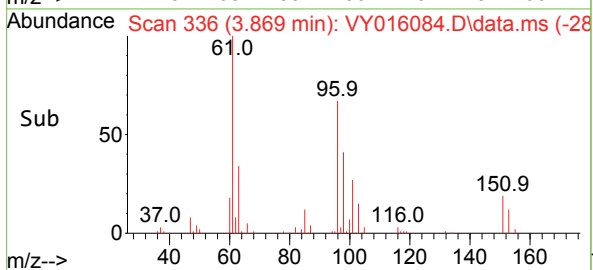
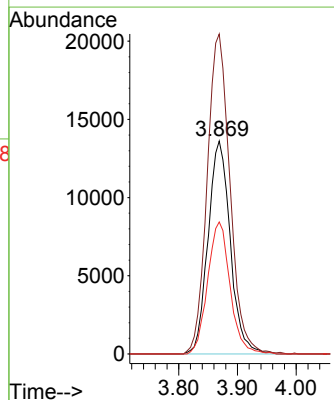
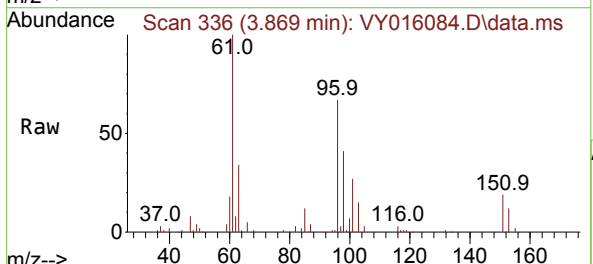
Tgt Ion: 96 Resp: 35766

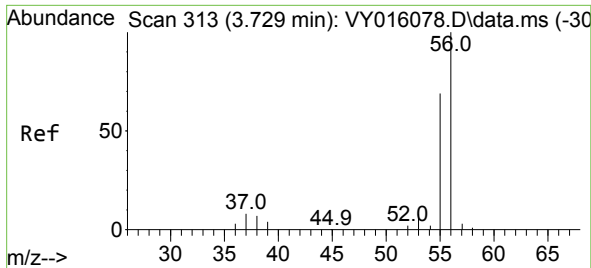
Ion Ratio Lower Upper

96 100

61 150.3 136.4 204.6

98 62.0 49.4 74.2





#13

Acrolein

Concen: 110.555 ug/l

RT: 3.723 min Scan# 312

Delta R.T. -0.006 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

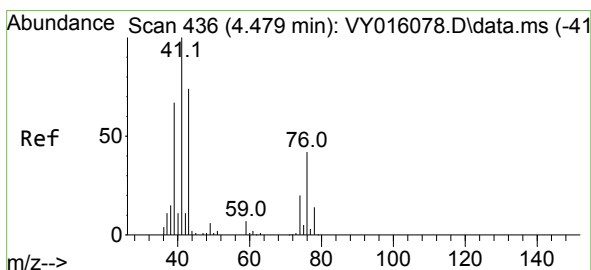
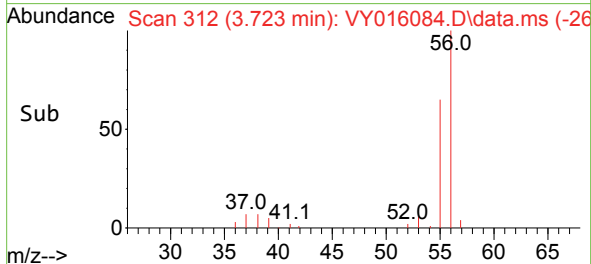
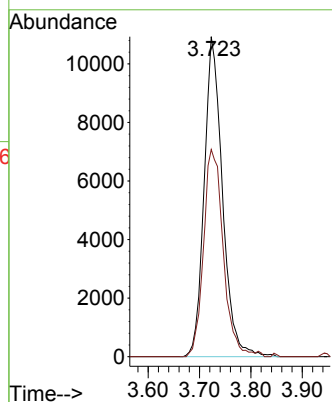
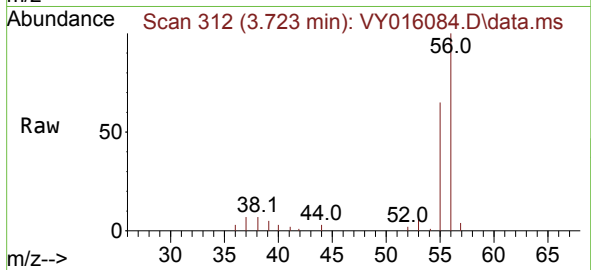
ClientSampleId :

Tgt Ion: 56 Resp: 27026

Ion Ratio Lower Upper

56 100

55 69.8 57.0 85.4



#14

Allyl chloride

Concen: 21.487 ug/l

RT: 4.473 min Scan# 435

Delta R.T. -0.006 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

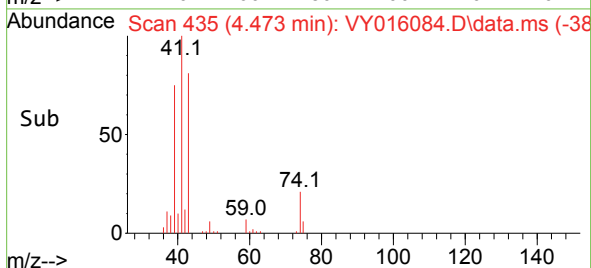
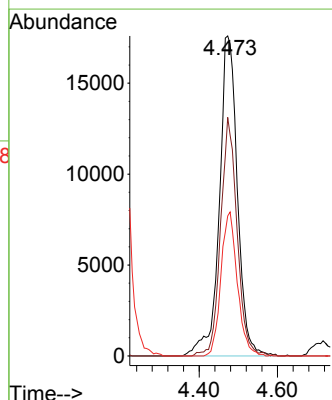
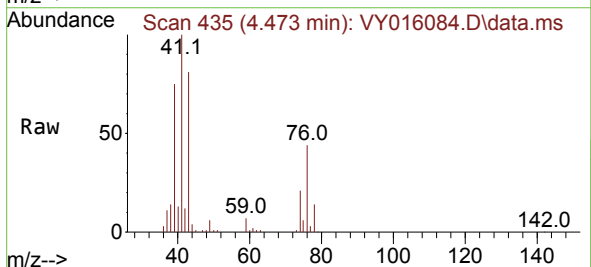
Tgt Ion: 41 Resp: 56653

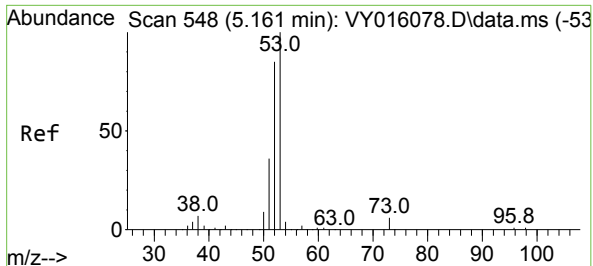
Ion Ratio Lower Upper

41 100

39 67.8 58.0 87.0

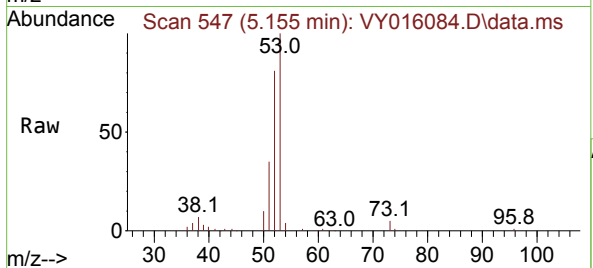
76 40.7 27.4 41.2



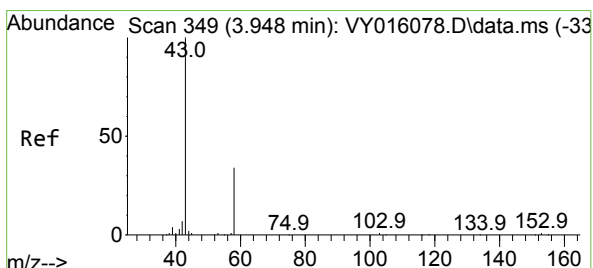
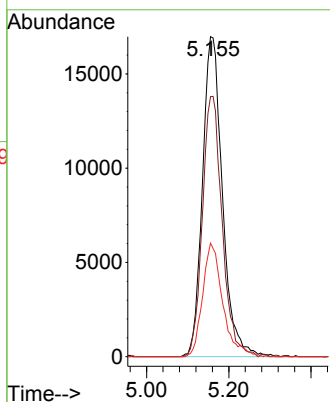


#15
Acrylonitrile
Concen: 114.123 ug/l
RT: 5.155 min Scan# 54
Delta R.T. -0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :

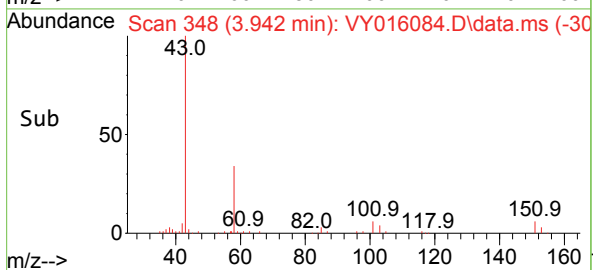
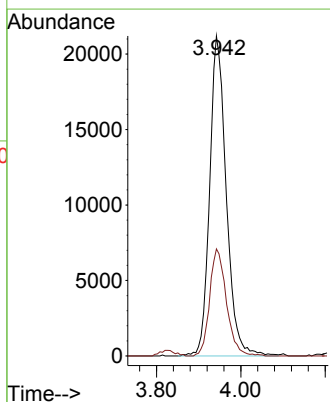
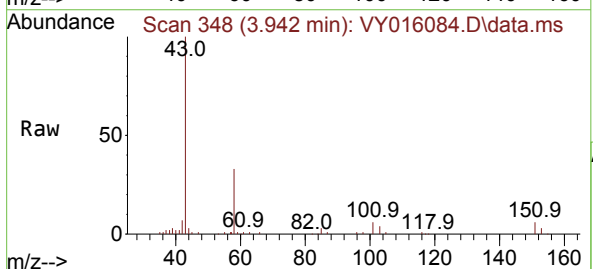


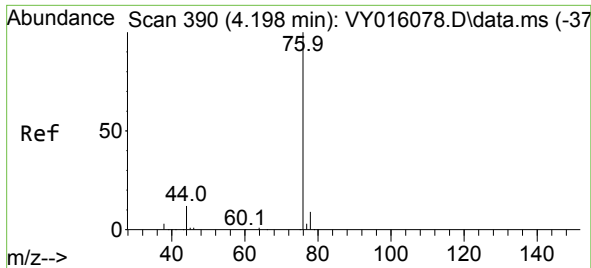
Tgt Ion:	53	Resp:	57264
Ion	Ratio	Lower	Upper
53	100		
52	80.3	66.9	100.3
51	35.7	29.8	44.6



#16
Acetone
Concen: 109.138 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion:	43	Resp:	58060
Ion	Ratio	Lower	Upper
43	100		
58	33.5	22.7	34.1

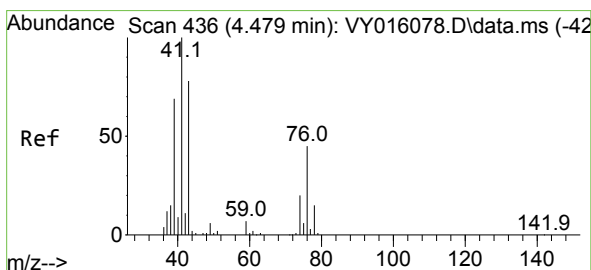
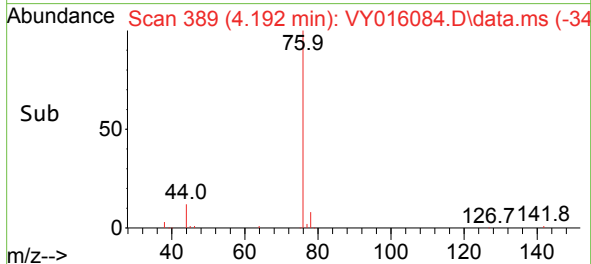
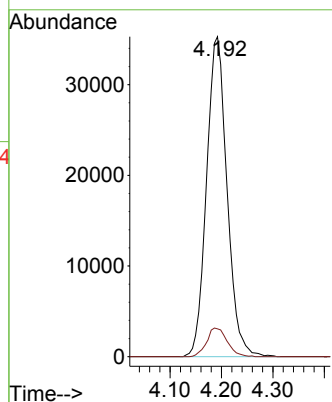
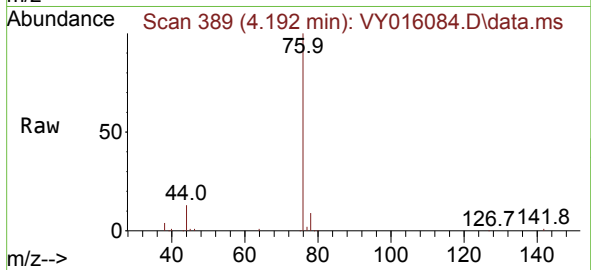




#17
Carbon Disulfide
Concen: 20.943 ug/l
RT: 4.192 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

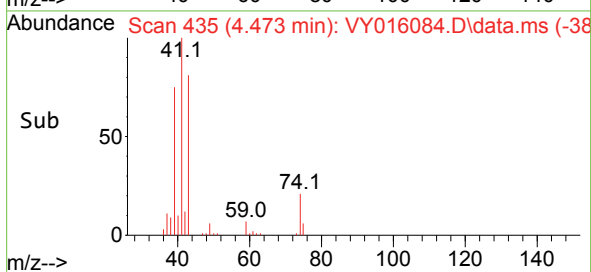
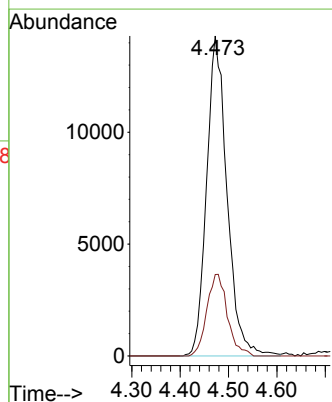
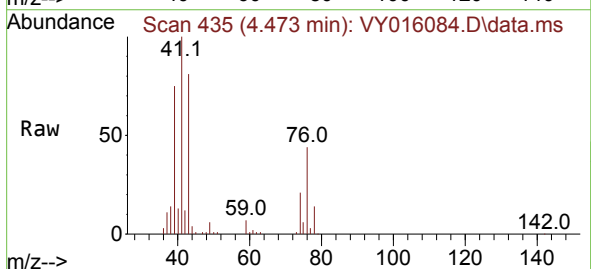
Instrument :
MSVOA_Y
ClientSampleId :

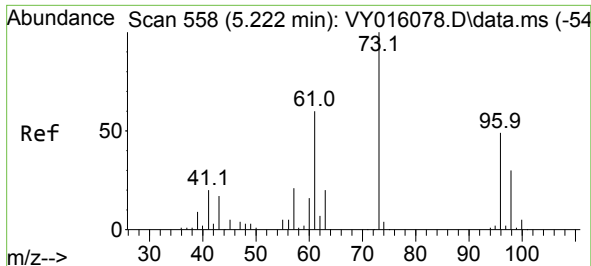
Tgt Ion: 76 Resp: 97711
Ion Ratio Lower Upper
76 100
78 8.7 7.0 10.4



#18
Methyl Acetate
Concen: 22.320 ug/l
RT: 4.473 min Scan# 435
Delta R.T. -0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 43 Resp: 41981
Ion Ratio Lower Upper
43 100
74 25.6 17.4 26.0

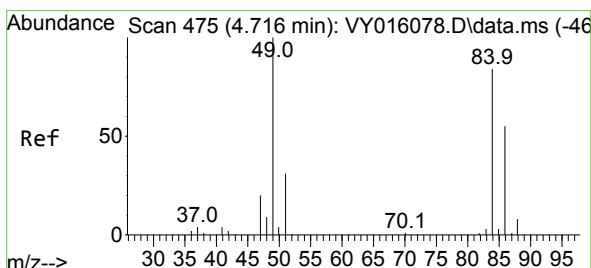
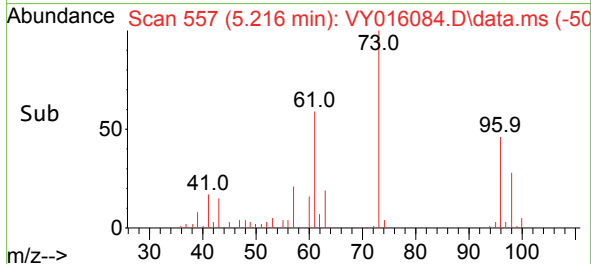
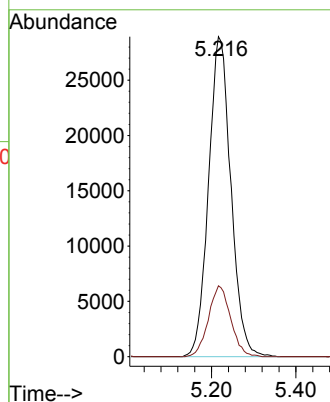
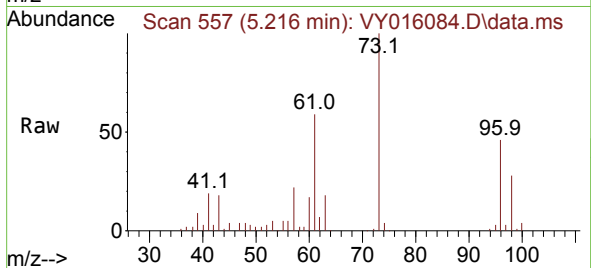




#19
Methyl tert-butyl Ether
Concen: 22.089 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

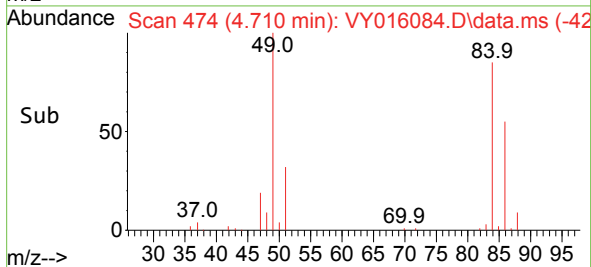
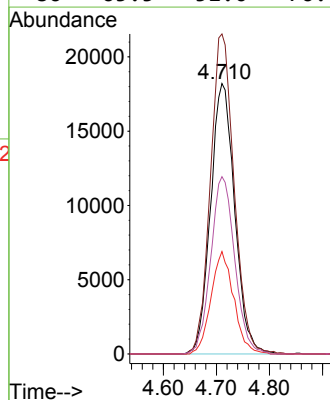
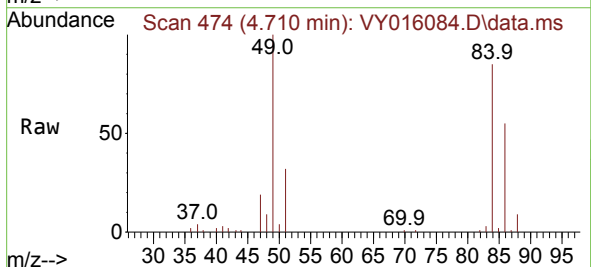
Instrument :
MSVOA_Y
ClientSampleId :

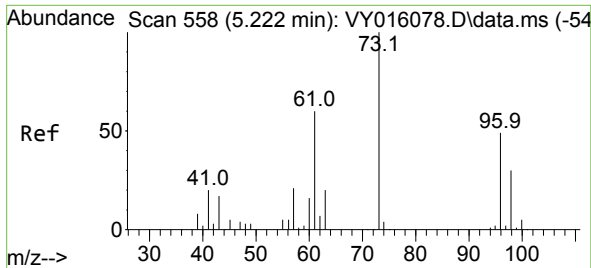
Tgt Ion: 73 Resp: 106250
Ion Ratio Lower Upper
73 100
57 22.2 17.3 25.9



#20
Methylene Chloride
Concen: 24.823 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 84 Resp: 57497
Ion Ratio Lower Upper
84 100
49 118.3 106.9 160.3
51 37.8 33.2 49.8
86 65.5 51.0 76.6

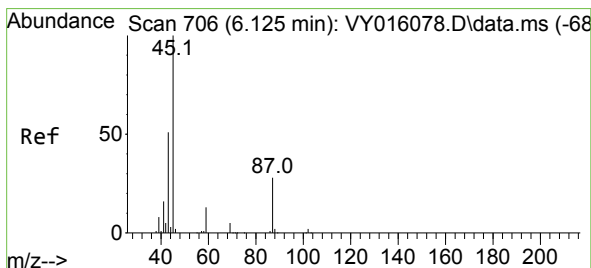
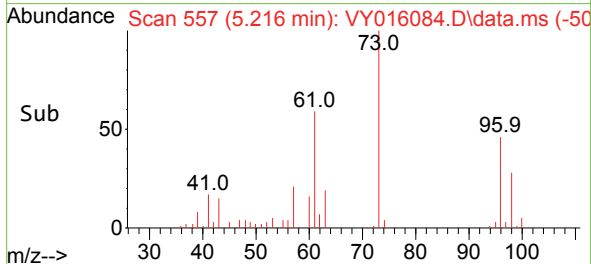
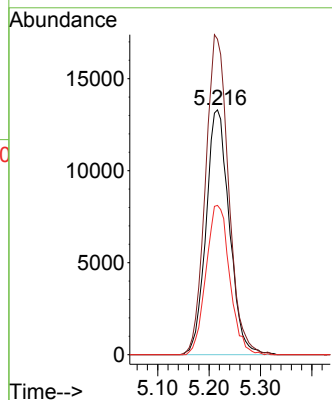
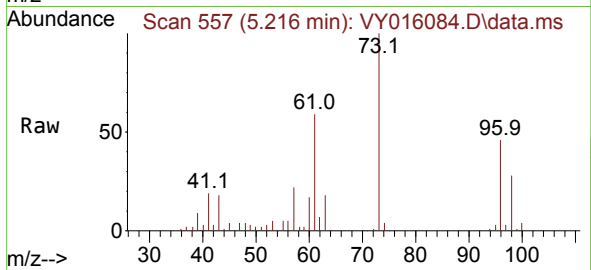




#21
trans-1,2-Dichloroethene
Concen: 21.455 ug/l
RT: 5.216 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

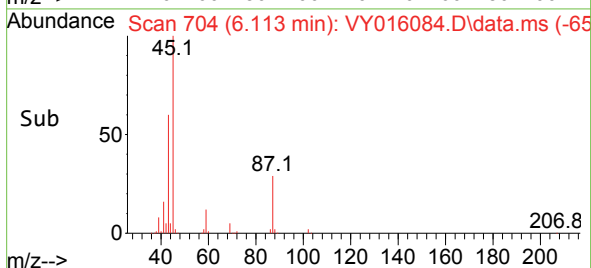
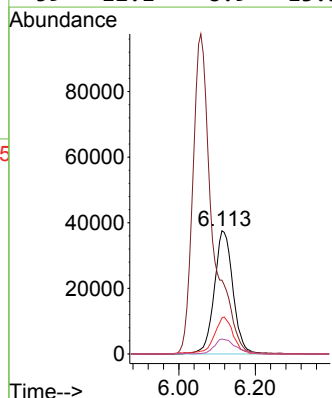
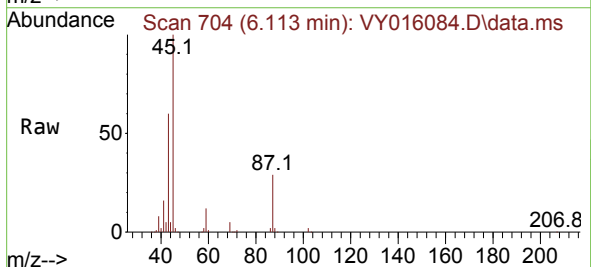
Instrument :
MSVOA_Y
ClientSampleId :

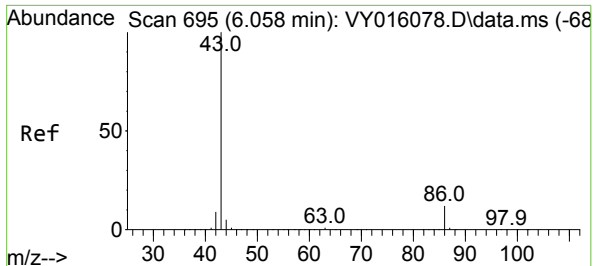
Tgt Ion: 96 Resp: 41947
Ion Ratio Lower Upper
96 100
61 128.9 110.2 165.4
98 61.0 51.8 77.6



#22
Diisopropyl ether
Concen: 22.055 ug/l
RT: 6.113 min Scan# 704
Delta R.T. -0.012 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 45 Resp: 127153
Ion Ratio Lower Upper
45 100
43 59.2 52.2 78.4
87 29.4 21.0 31.6
59 12.1 8.9 13.3

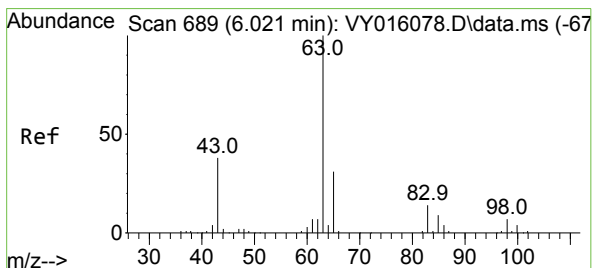
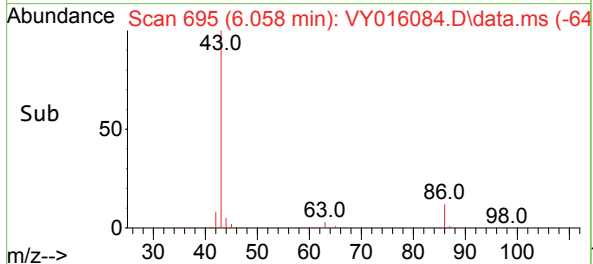
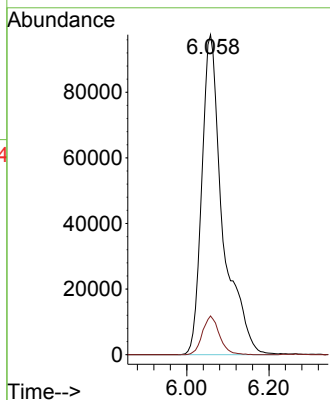
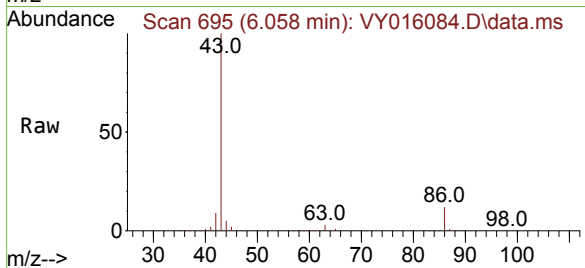




#23
 Vinyl Acetate
 Concen: 111.672 ug/l
 RT: 6.058 min Scan# 695
 Delta R.T. 0.000 min
 Lab File: VY016084.D
 Acq: 26 Oct 2023 17:55

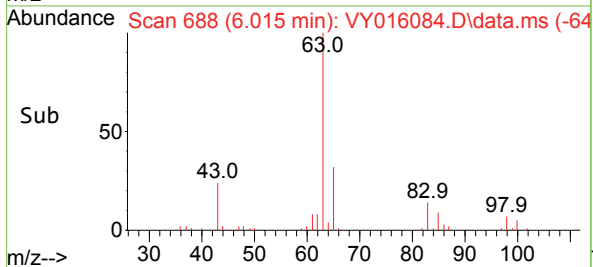
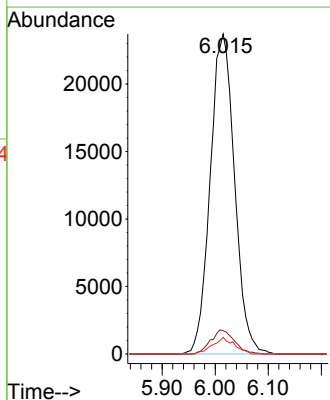
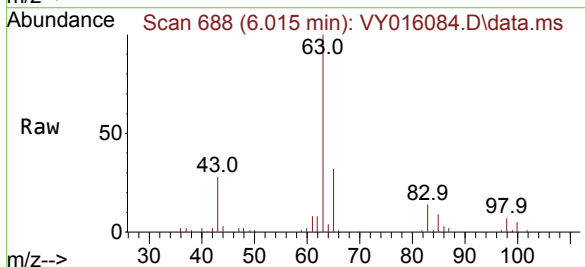
Instrument :
 MSVOA_Y
 ClientSampleId :

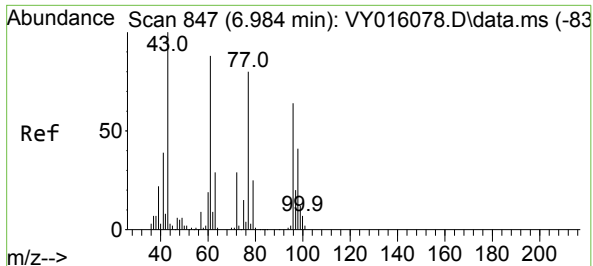
Tgt Ion: 43 Resp: 344953
 Ion Ratio Lower Upper
 43 100
 86 12.1 7.5 11.3#



#24
 1,1-Dichloroethane
 Concen: 21.757 ug/l
 RT: 6.015 min Scan# 688
 Delta R.T. -0.006 min
 Lab File: VY016084.D
 Acq: 26 Oct 2023 17:55

Tgt Ion: 63 Resp: 75572
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.1 9.4
 100 5.2 1.8 5.5





#25

2-Butanone

Concen: 112.026 ug/l

RT: 6.984 min Scan# 84

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

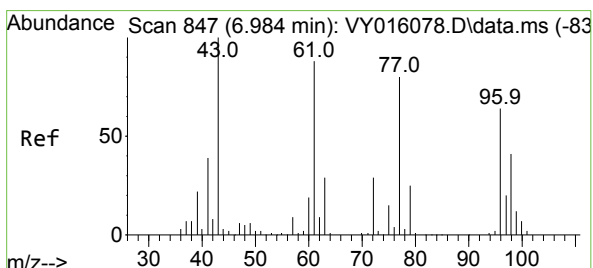
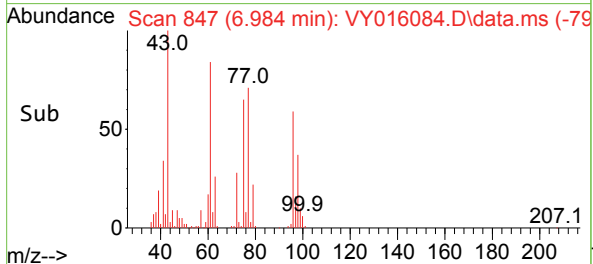
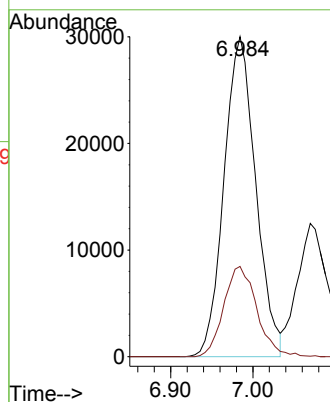
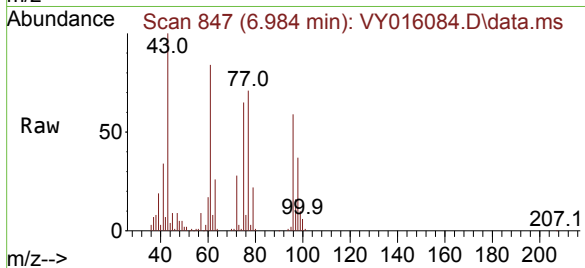
ClientSampleId :

Tgt Ion: 43 Resp: 80435

Ion Ratio Lower Upper

43 100

72 28.2 20.5 30.7



#26

2,2-Dichloropropane

Concen: 21.011 ug/l

RT: 6.978 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY016084.D

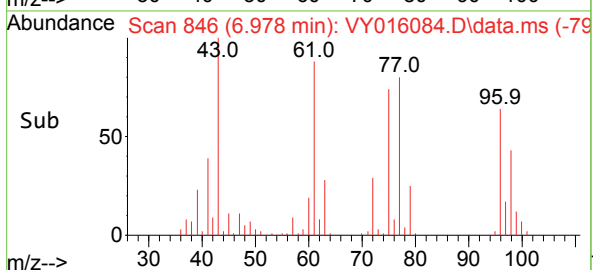
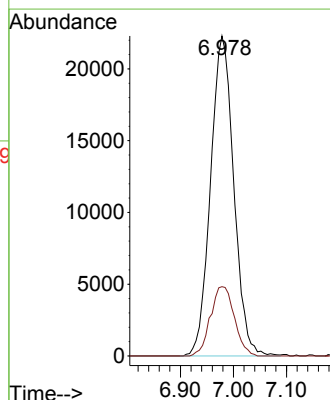
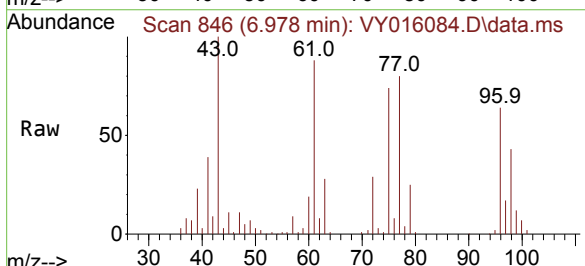
Acq: 26 Oct 2023 17:55

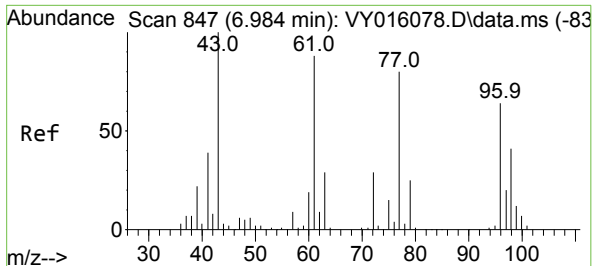
Tgt Ion: 77 Resp: 67845

Ion Ratio Lower Upper

77 100

97 22.3 10.9 32.9





#27

cis-1,2-Dichloroethene

Concen: 21.483 ug/l

RT: 6.978 min Scan# 847

Delta R.T. -0.006 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

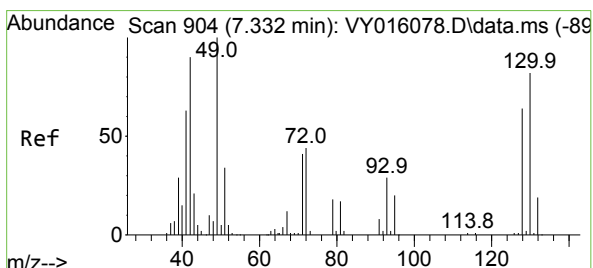
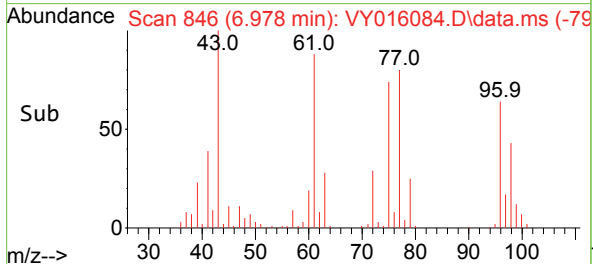
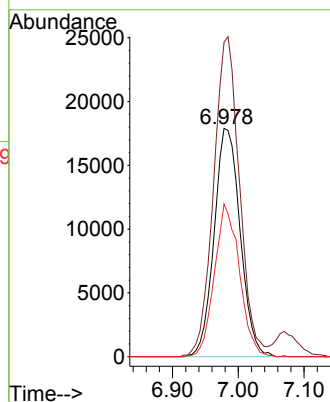
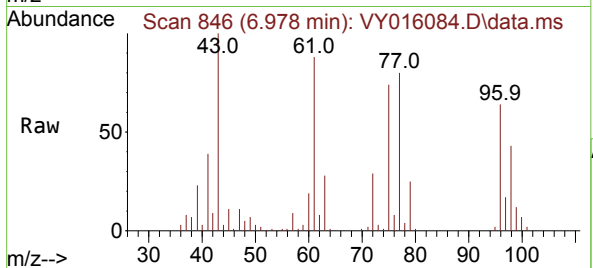
Tgt Ion: 96 Resp: 49328

Ion Ratio Lower Upper

96 100

61 138.9 0.0 301.4

98 64.0 0.0 130.4



#28

Bromochloromethane

Concen: 22.643 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

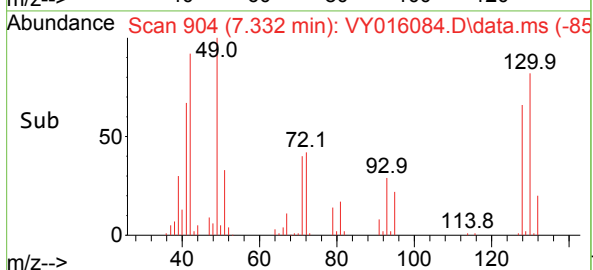
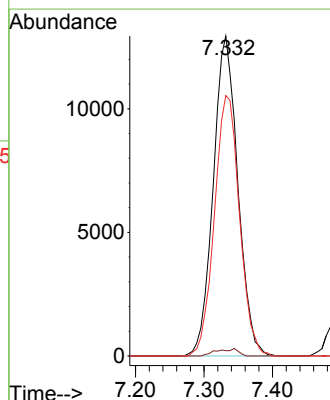
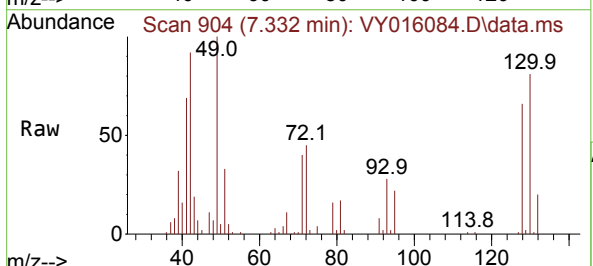
Tgt Ion: 49 Resp: 32175

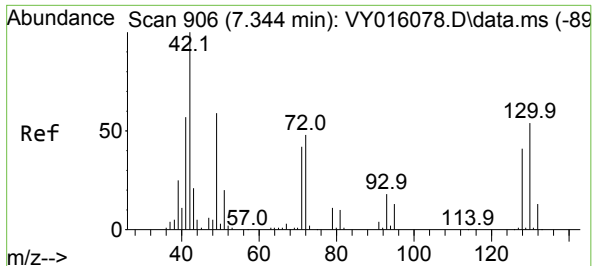
Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.6

130 83.1 60.7 91.1





#29

Tetrahydrofuran

Concen: 115.440 ug/l

RT: 7.344 min Scan# 906

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

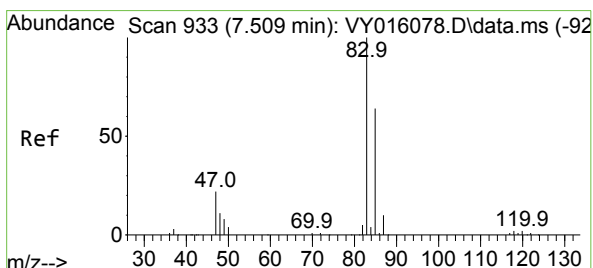
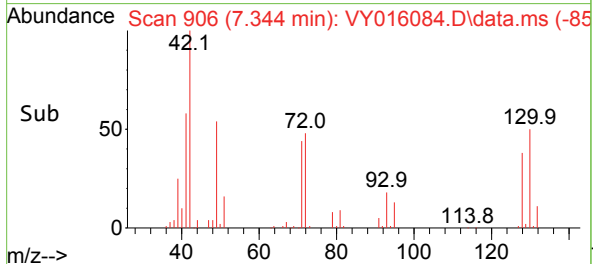
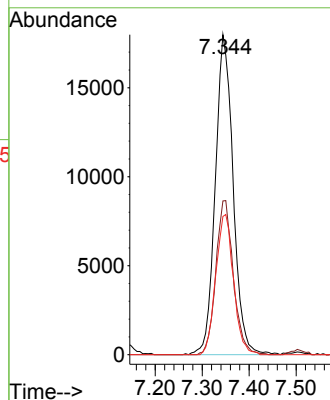
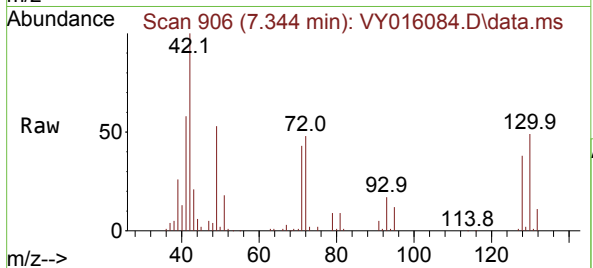
Tgt Ion: 42 Resp: 47557

Ion Ratio Lower Upper

42 100

72 47.2 32.8 49.2

71 43.5 31.0 46.4



#30

Chloroform

Concen: 21.486 ug/l

RT: 7.503 min Scan# 932

Delta R.T. -0.006 min

Lab File: VY016084.D

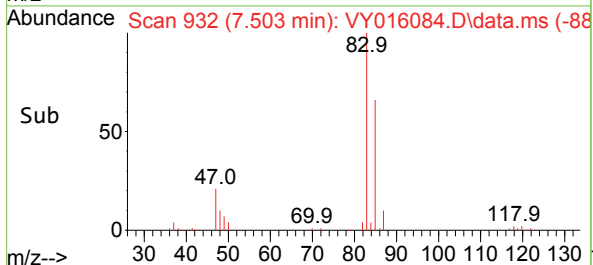
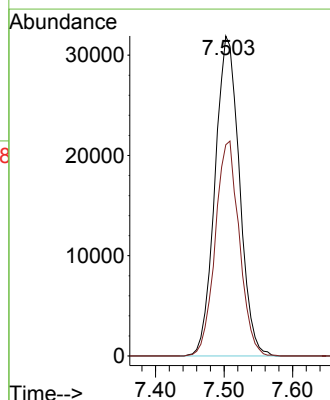
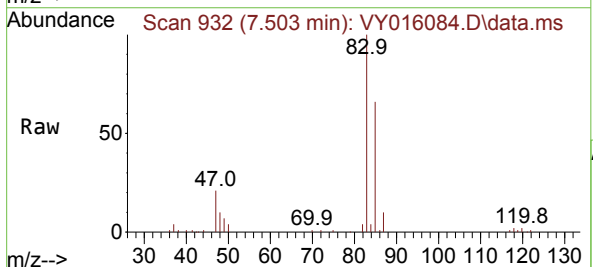
Acq: 26 Oct 2023 17:55

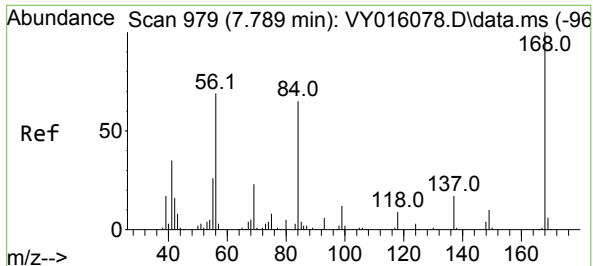
Tgt Ion: 83 Resp: 78835

Ion Ratio Lower Upper

83 100

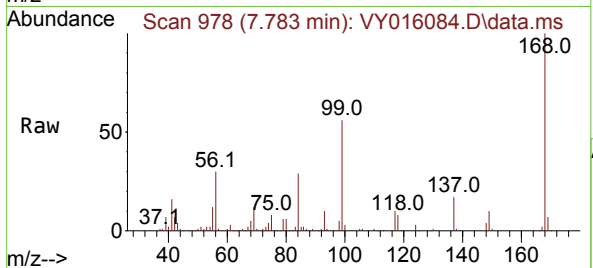
85 66.0 49.7 74.5



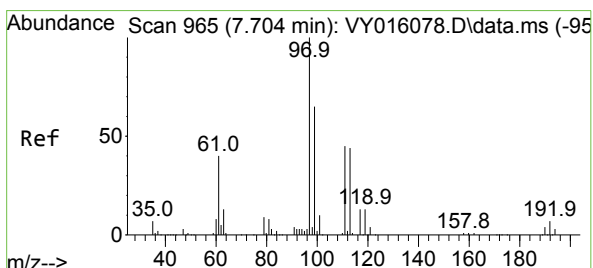
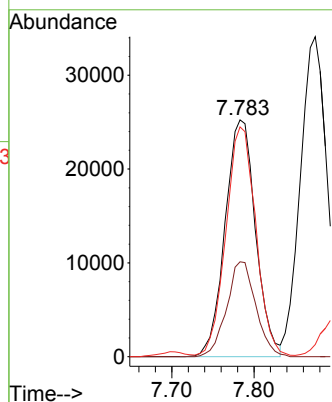
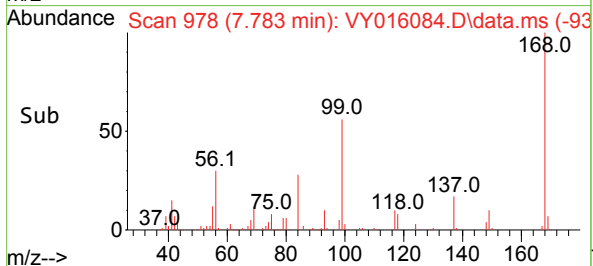


#31
Cyclohexane
Concen: 21.070 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :

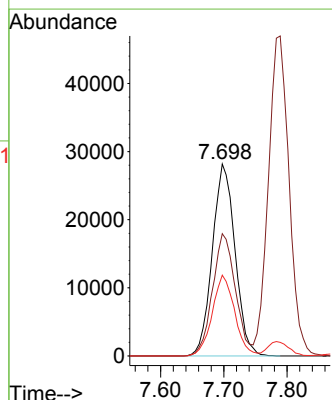
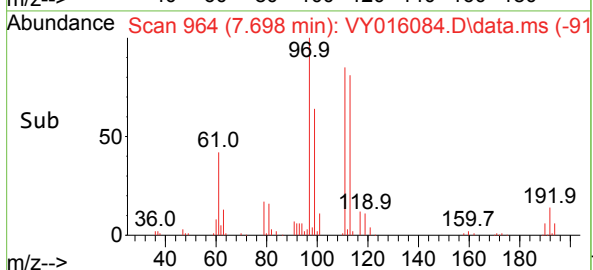
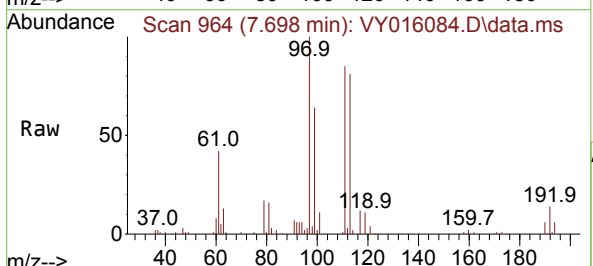


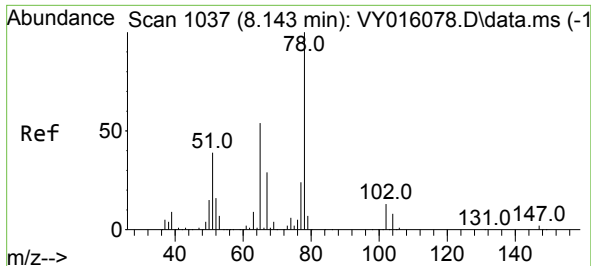
Tgt Ion: 56 Resp: 65058
Ion Ratio Lower Upper
56 100
69 40.0 27.8 41.6
84 95.4 66.4 99.6



#32
1,1,1-Trichloroethane
Concen: 21.305 ug/l
RT: 7.698 min Scan# 964
Delta R.T. -0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 97 Resp: 70118
Ion Ratio Lower Upper
97 100
99 64.6 50.8 76.2
61 41.6 35.1 52.7

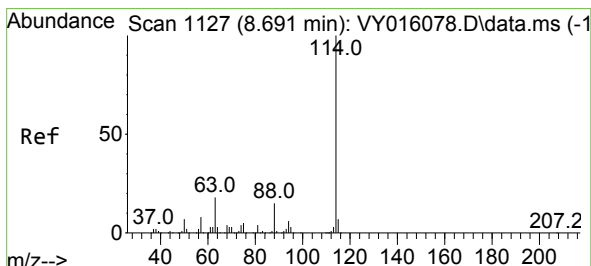
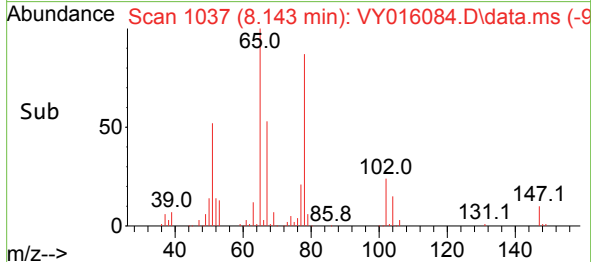
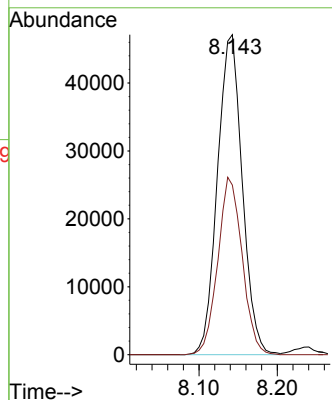
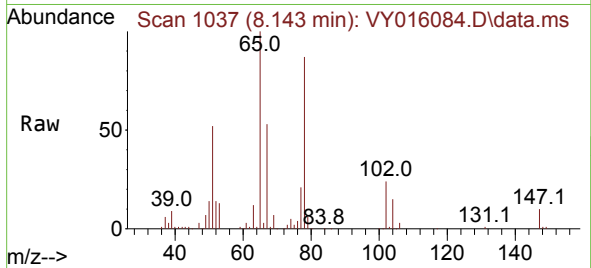




#33
 1,2-Dichloroethane-d4
 Concen: 52.924 ug/l
 RT: 8.143 min Scan# 1037
 Delta R.T. 0.000 min
 Lab File: VY016084.D
 Acq: 26 Oct 2023 17:55

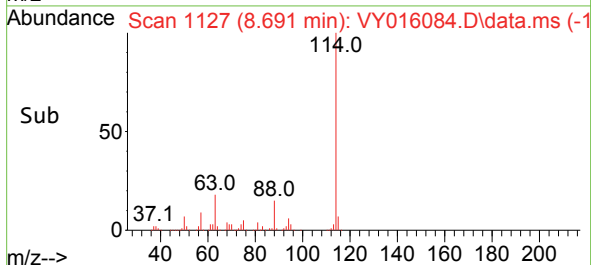
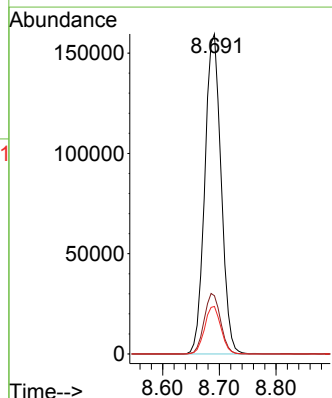
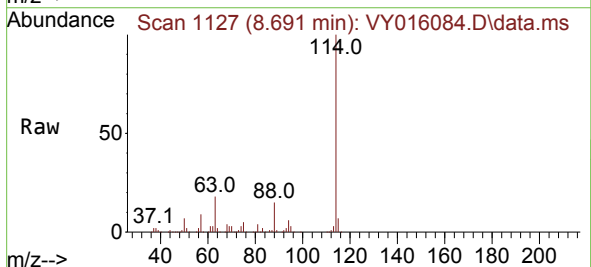
Instrument :
 MSVOA_Y
 ClientSampleId :

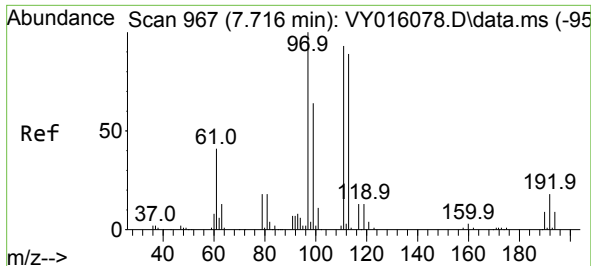
Tgt Ion: 65 Resp: 103875
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.691 min Scan# 1127
 Delta R.T. 0.000 min
 Lab File: VY016084.D
 Acq: 26 Oct 2023 17:55

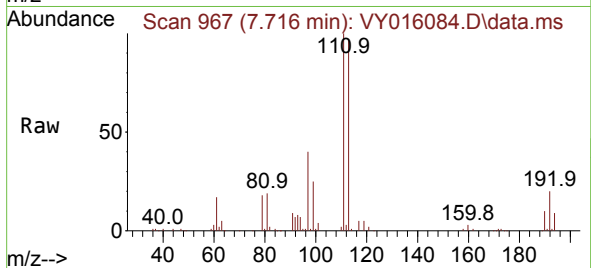
Tgt Ion: 114 Resp: 318255
 Ion Ratio Lower Upper
 114 100
 63 18.2 0.0 42.4
 88 14.8 0.0 30.6



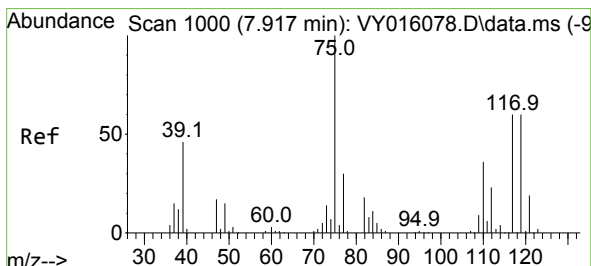
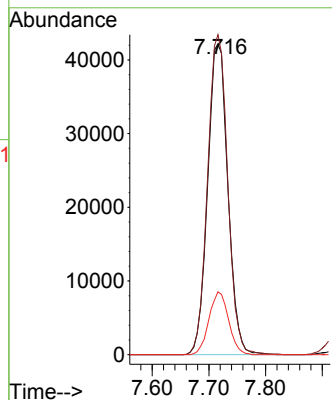
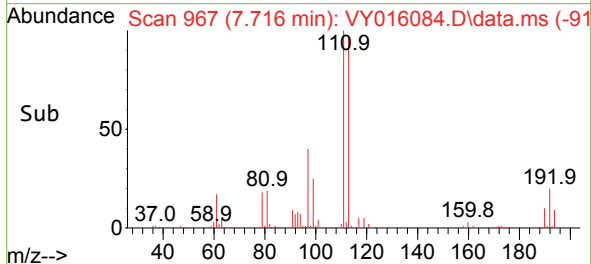


#35
Dibromofluoromethane
Concen: 51.971 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :

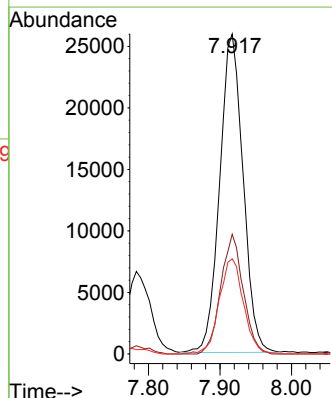
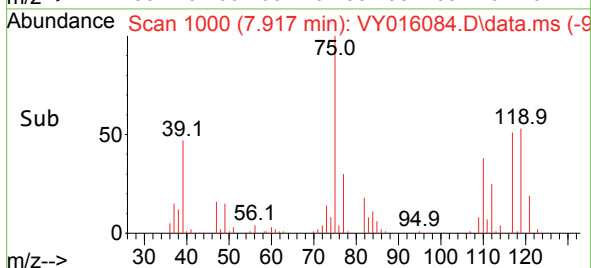
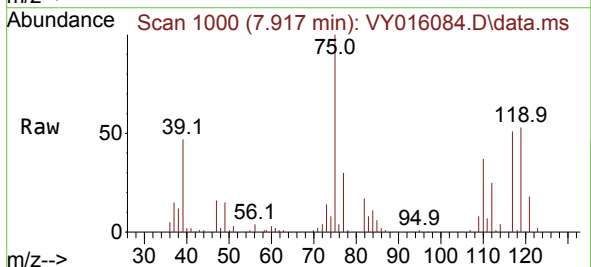


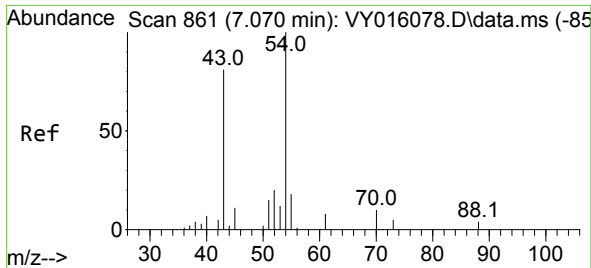
Tgt Ion:113 Resp: 104417
Ion Ratio Lower Upper
113 100
111 102.4 81.3 121.9
192 19.6 16.9 25.3



#36
1,1-Dichloropropene
Concen: 20.980 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 75 Resp: 58757
Ion Ratio Lower Upper
75 100
110 36.1 17.8 53.5
77 31.1 24.4 36.6





#37

Ethyl Acetate

Concen: 23.129 ug/l

RT: 7.070 min Scan# 861

Delta R.T. 0.000 min

Lab File: VY016084.D

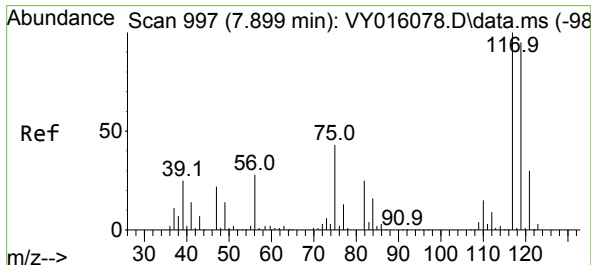
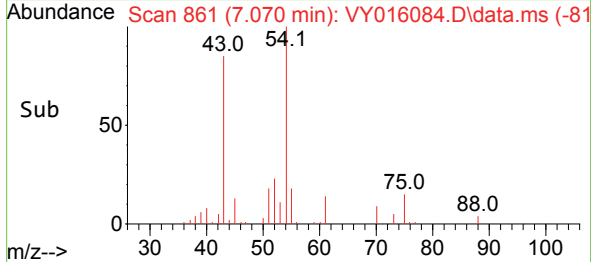
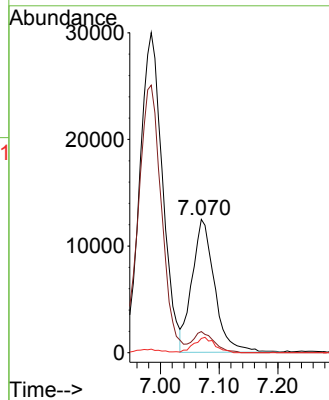
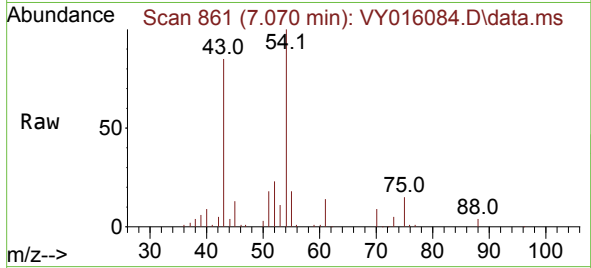
Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 33201
Ion Ratio	Lower Upper
43	100
61	14.5 10.1 15.1
70	10.8 7.1 10.7



#38

Carbon Tetrachloride

Concen: 21.058 ug/l

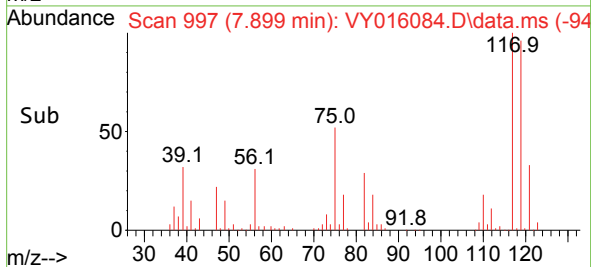
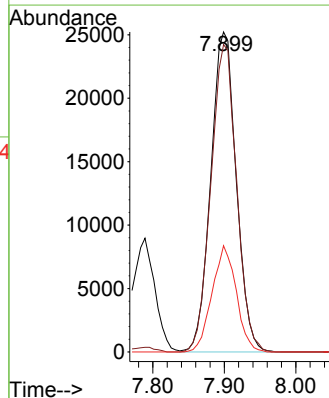
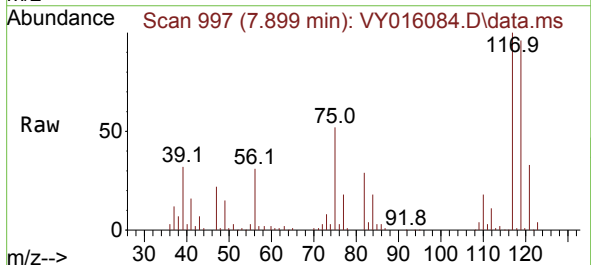
RT: 7.899 min Scan# 997

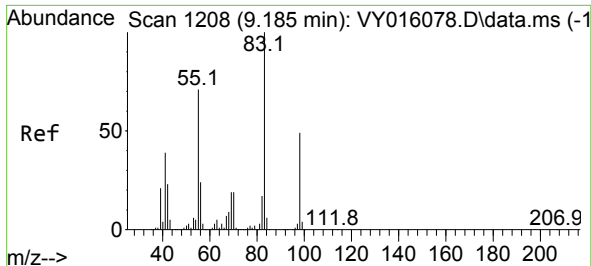
Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Tgt Ion: 117	Resp: 62366
Ion Ratio	Lower Upper
117	100
119	96.1 76.4 114.6
121	33.2 25.8 38.6





#39

Methylcyclohexane

Concen: 20.720 ug/l

RT: 9.179 min Scan# 1

Delta R.T. -0.006 min

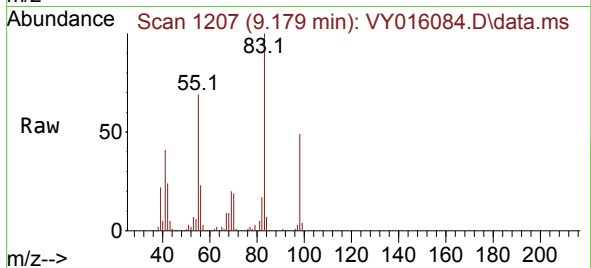
Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :



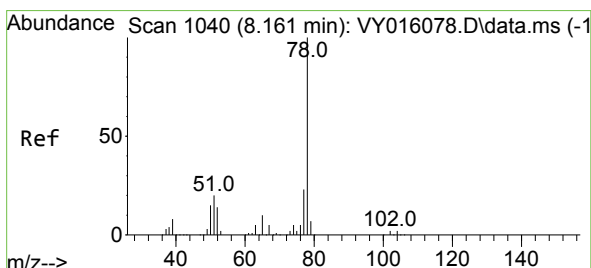
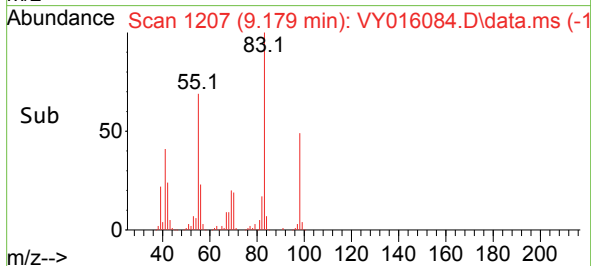
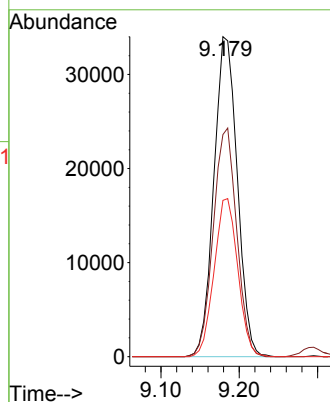
Tgt Ion: 83 Resp: 70692

Ion Ratio Lower Upper

83 100

55 69.4 63.0 94.4

98 48.9 37.4 56.2



#40

Benzene

Concen: 21.543 ug/l

RT: 8.161 min Scan# 1040

Delta R.T. 0.000 min

Lab File: VY016084.D

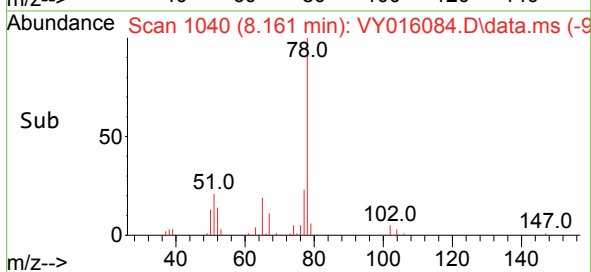
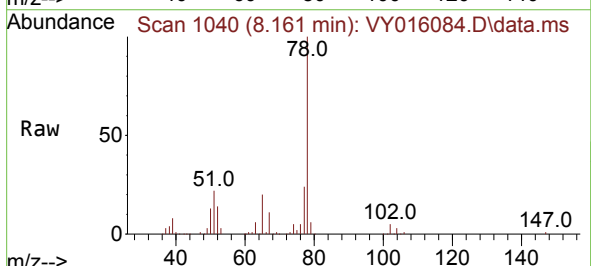
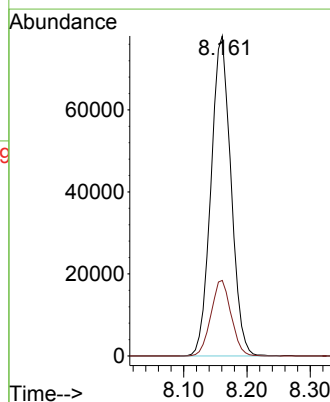
Acq: 26 Oct 2023 17:55

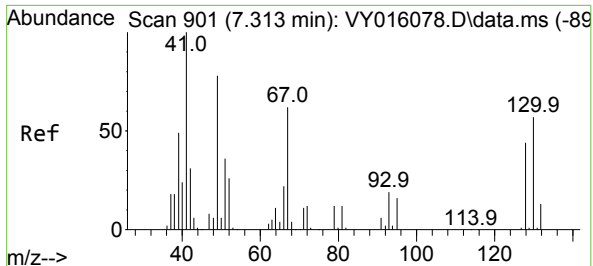
Tgt Ion: 78 Resp: 170815

Ion Ratio Lower Upper

78 100

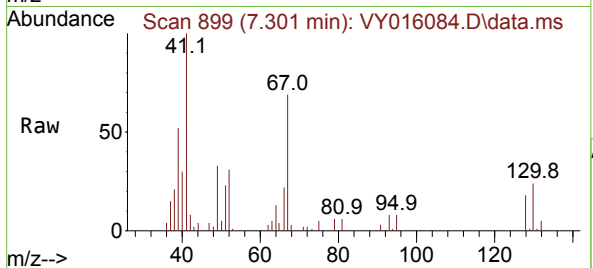
77 23.6 19.0 28.6



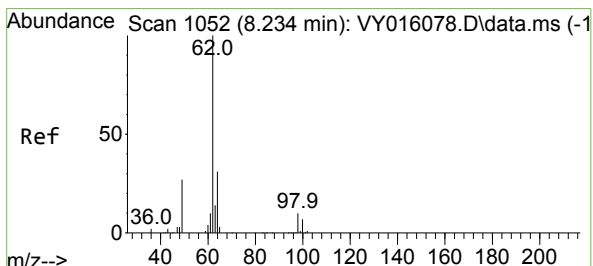
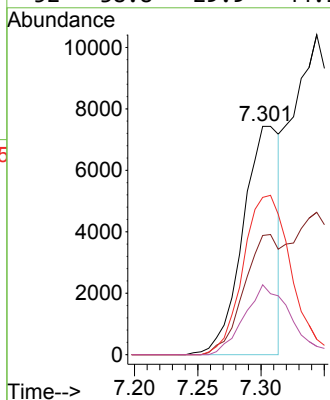
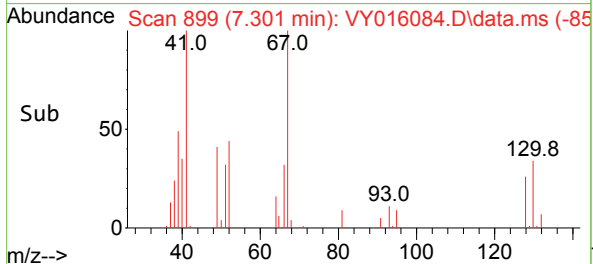


#41
Methacrylonitrile
Concen: 19.820 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :

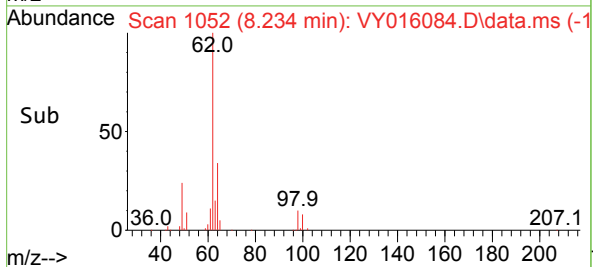
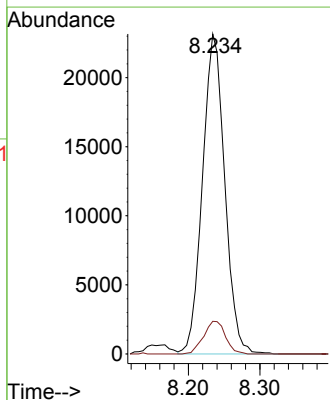
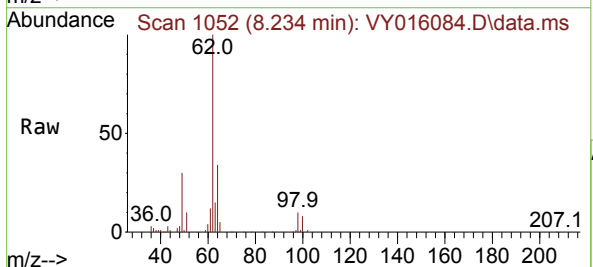


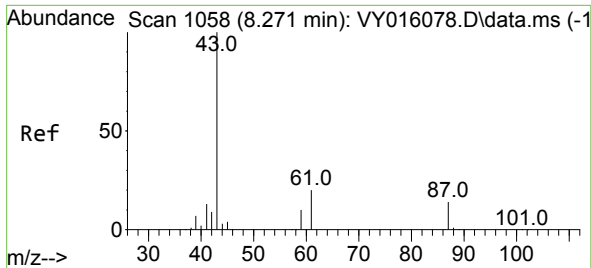
Tgt Ion:	41	Resp:	14890
Ion	Ratio	Lower	Upper
41	100		
39	50.3	52.1	78.1#
67	92.1	66.2	99.2
52	38.8	29.9	44.9



#42
1,2-Dichloroethane
Concen: 21.843 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion:	62	Resp:	50045
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	15.8

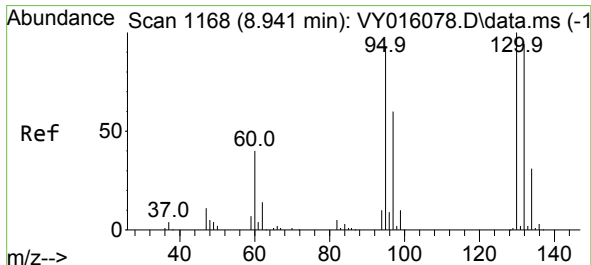
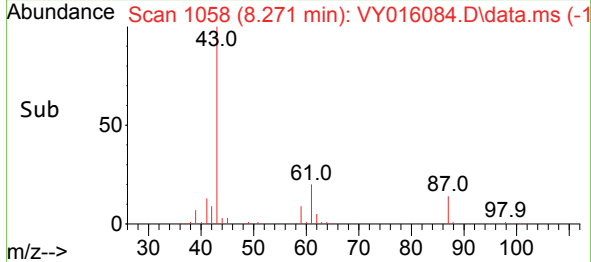
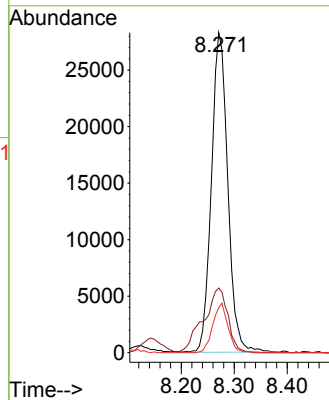
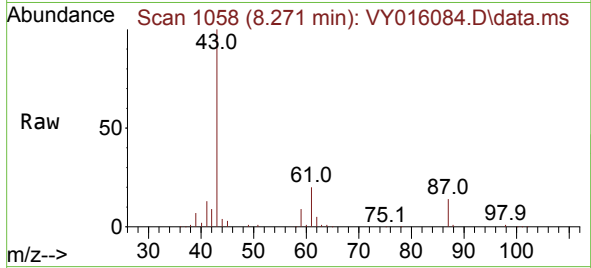




#43
Isopropyl Acetate
Concen: 22.607 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

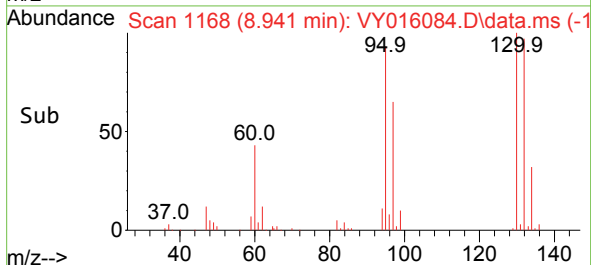
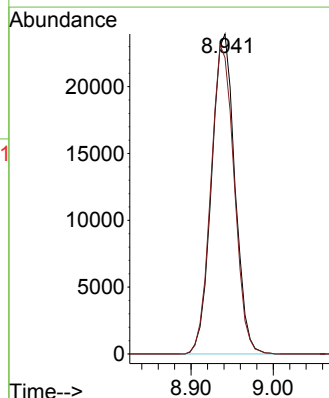
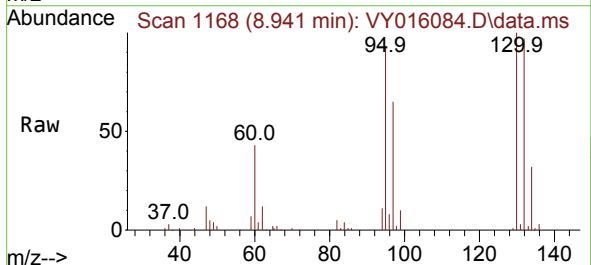
Instrument :
MSVOA_Y
ClientSampleId :

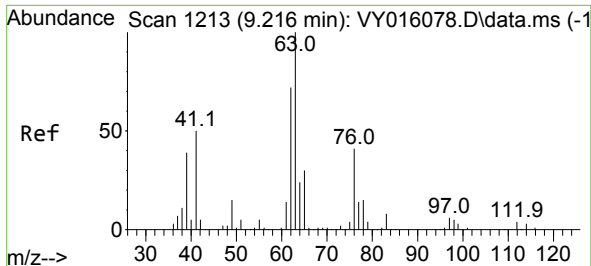
Tgt Ion: 43 Resp: 60676
Ion Ratio Lower Upper
43 100
61 30.0 21.1 31.7
87 14.5 9.8 14.8



#44
Trichloroethene
Concen: 21.215 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 130 Resp: 46972
Ion Ratio Lower Upper
130 100
95 92.6 0.0 196.0





#45

1,2-Dichloropropane

Concen: 21.592 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

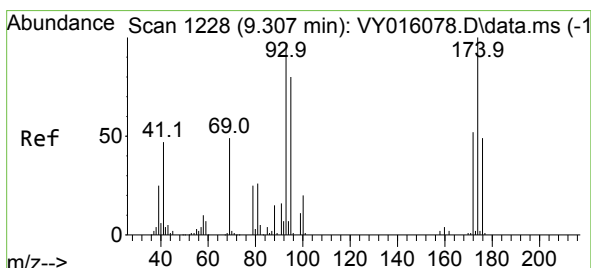
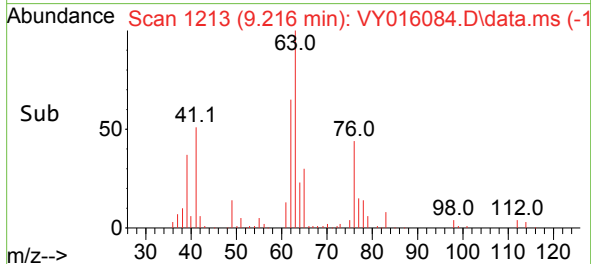
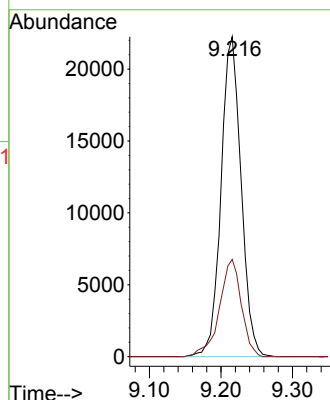
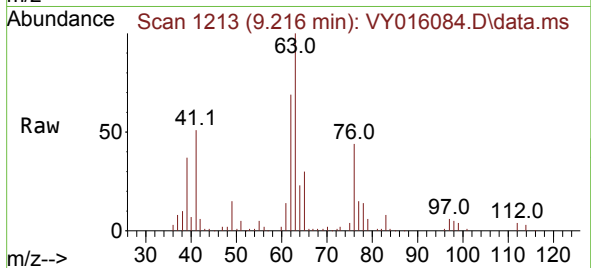
ClientSampleId :

Tgt Ion: 63 Resp: 43330

Ion Ratio Lower Upper

63 100

65 30.4 23.8 35.6



#46

Dibromomethane

Concen: 22.569 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

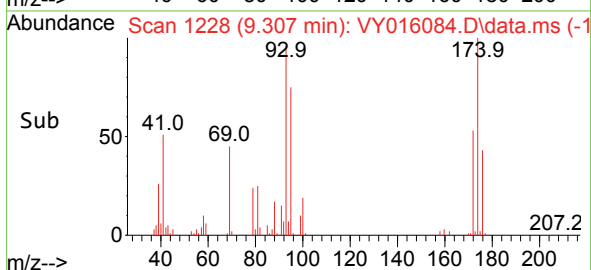
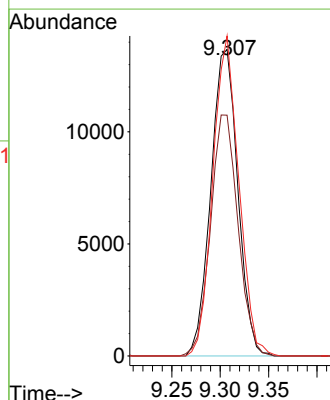
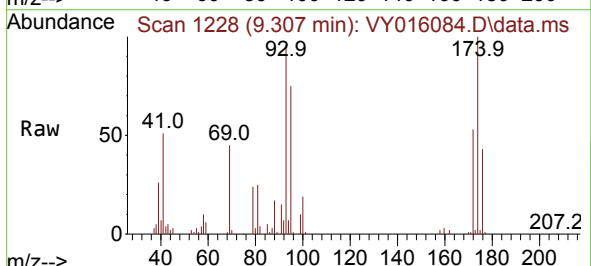
Tgt Ion: 93 Resp: 26556

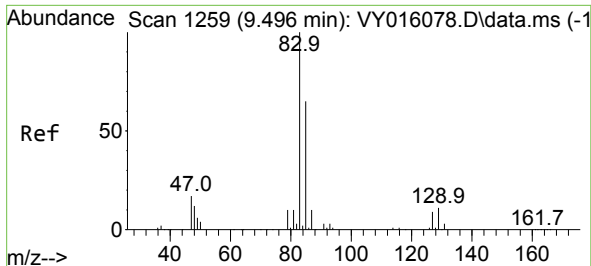
Ion Ratio Lower Upper

93 100

95 80.1 66.6 100.0

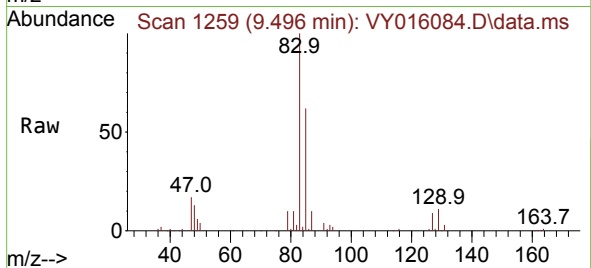
174 100.1 84.8 127.2



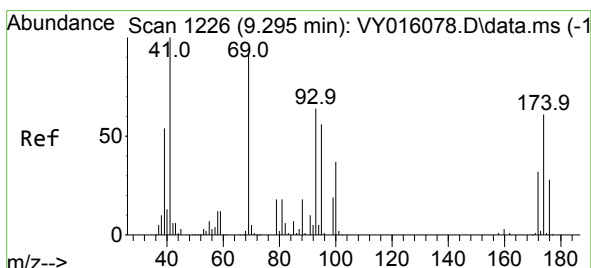
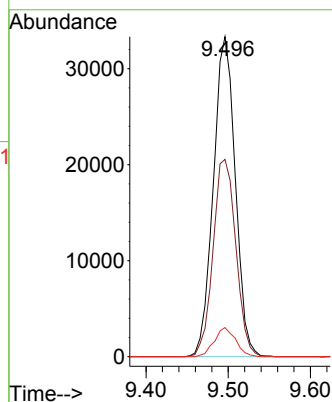
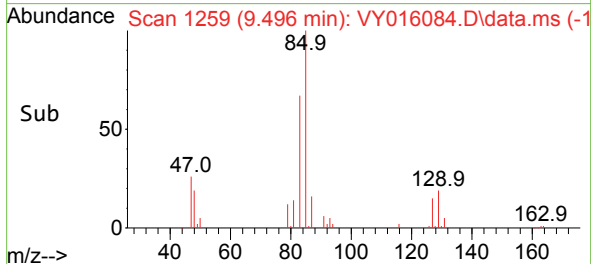


#47
Bromodichloromethane
Concen: 21.721 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :

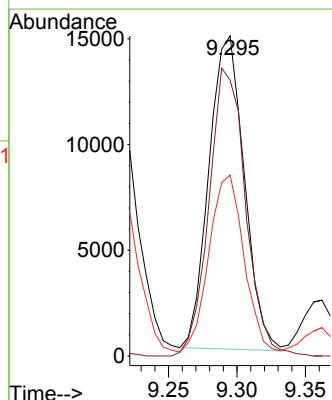
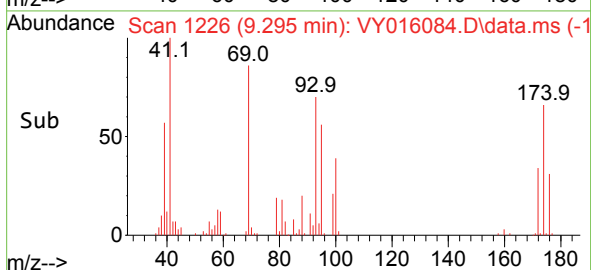
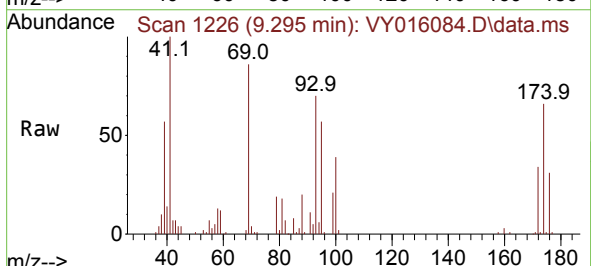


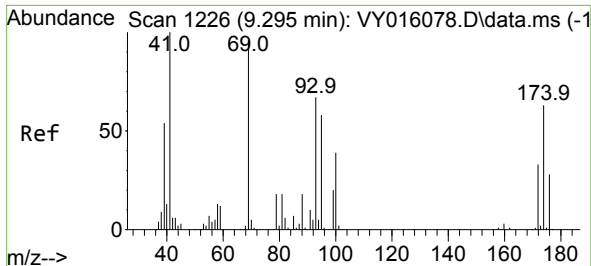
Tgt Ion: 83 Resp: 61811
Ion Ratio Lower Upper
83 100
85 61.6 50.1 75.1
127 9.1 7.1 10.7



#48
Methyl methacrylate
Concen: 21.441 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 41 Resp: 26512
Ion Ratio Lower Upper
41 100
69 95.2 64.5 96.7
39 58.8 50.8 76.2





#49

1,4-Dioxane

Concen: 487.102 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.000 min

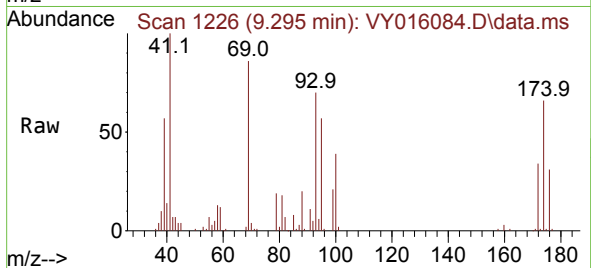
Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :



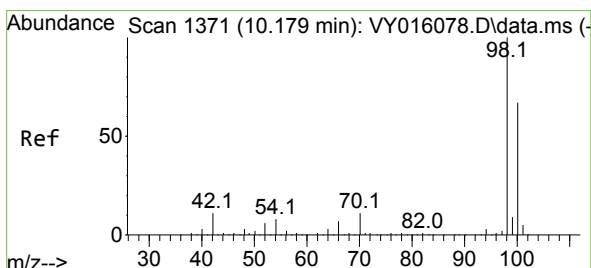
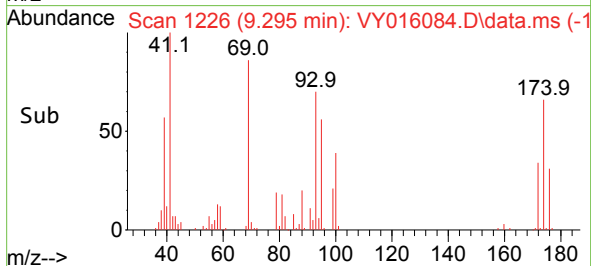
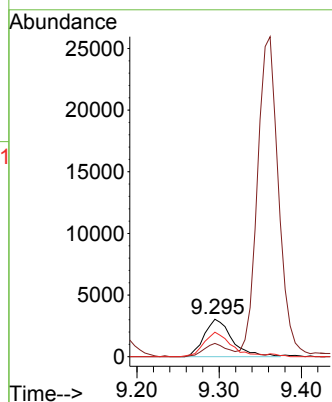
Tgt Ion: 88 Resp: 7171

Ion Ratio Lower Upper

88 100

43 29.6 0.0 0.0#

58 63.6 30.9 46.3#



#50

Toluene-d8

Concen: 52.186 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY016084.D

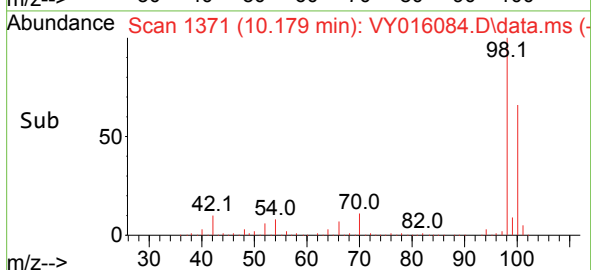
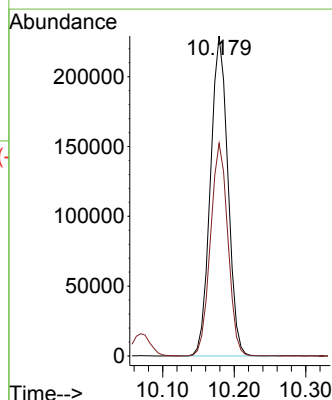
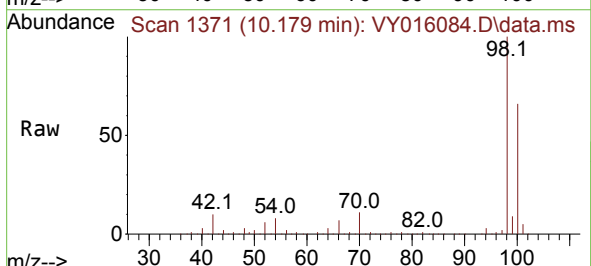
Acq: 26 Oct 2023 17:55

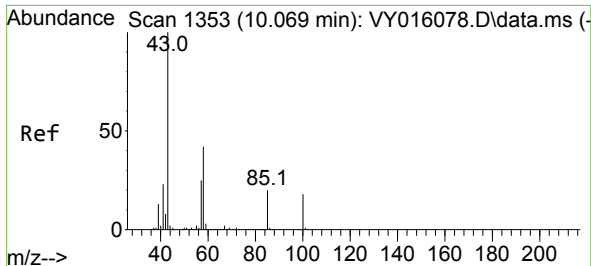
Tgt Ion: 98 Resp: 388376

Ion Ratio Lower Upper

98 100

100 66.2 50.1 75.1





#51

4-Methyl-2-Pentanone

Concen: 115.316 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

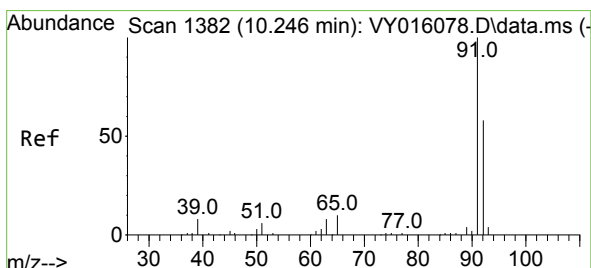
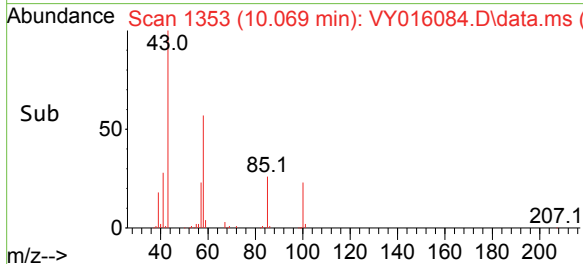
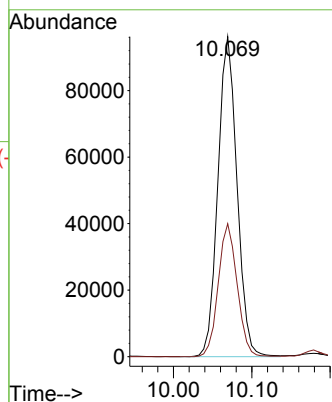
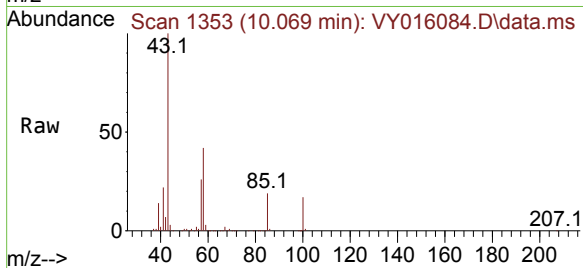
ClientSampleId :

Tgt Ion: 43 Resp: 163313

Ion Ratio Lower Upper

43 100

58 41.1 29.0 43.6



#52

Toluene

Concen: 21.666 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. -0.006 min

Lab File: VY016084.D

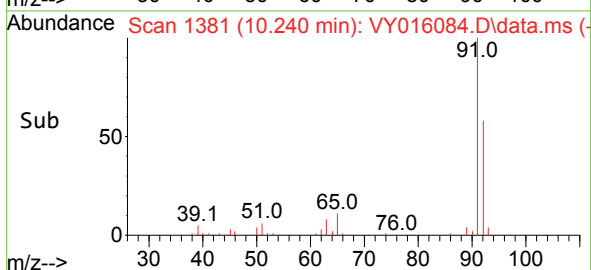
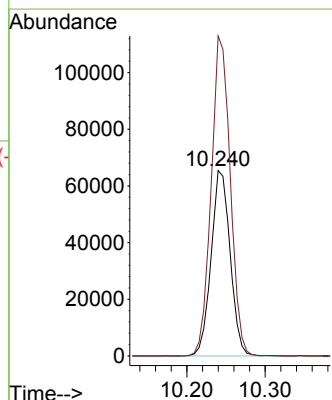
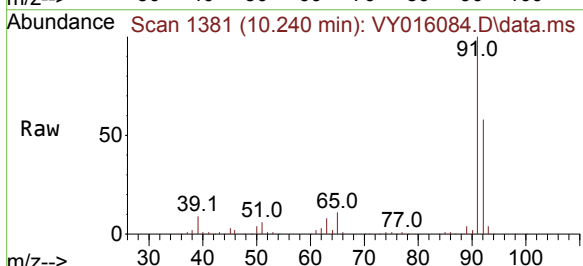
Acq: 26 Oct 2023 17:55

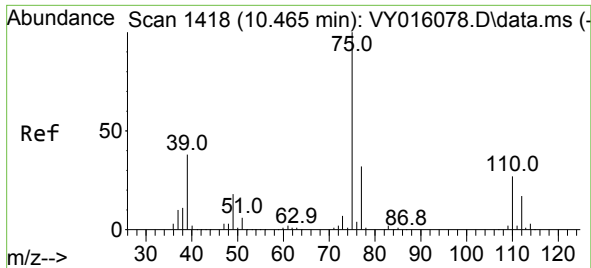
Tgt Ion: 92 Resp: 110316

Ion Ratio Lower Upper

92 100

91 173.2 143.8 215.6

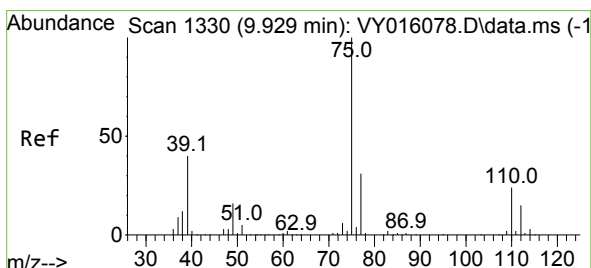
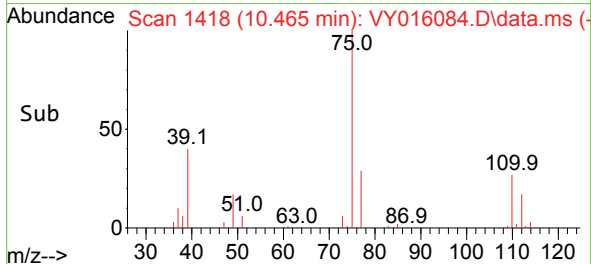
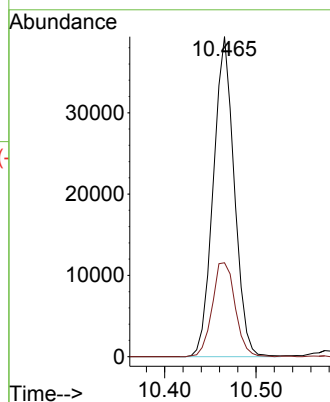
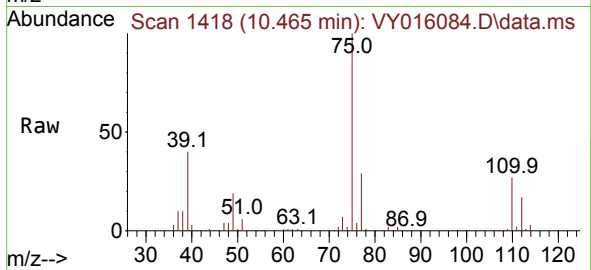




#53
 t-1,3-Dichloropropene
 Concen: 21.502 ug/l
 RT: 10.465 min Scan# 1418
 Delta R.T. 0.000 min
 Lab File: VY016084.D
 Acq: 26 Oct 2023 17:55

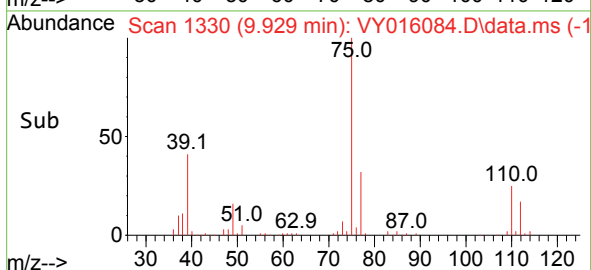
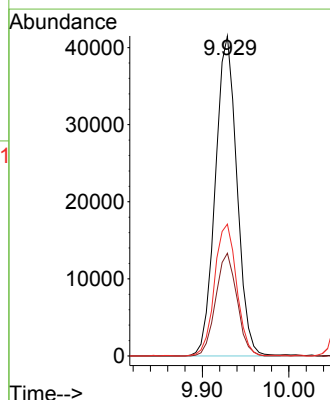
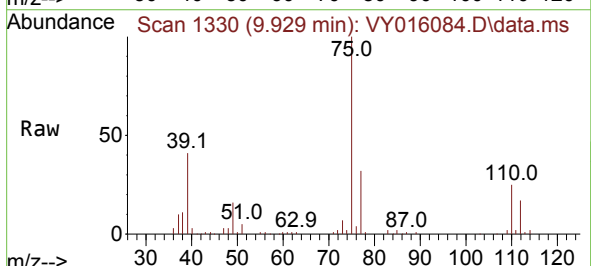
Instrument :
 MSVOA_Y
 ClientSampleId :

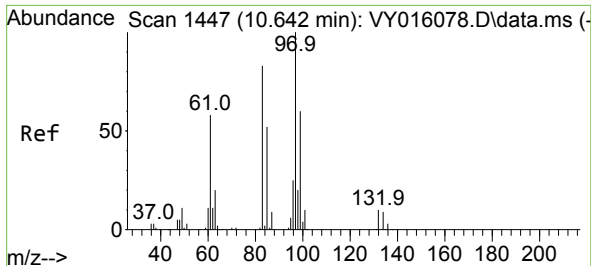
Tgt Ion: 75 Resp: 62572
 Ion Ratio Lower Upper
 75 100
 77 29.4 25.0 37.4



#54
 cis-1,3-Dichloropropene
 Concen: 21.815 ug/l
 RT: 9.929 min Scan# 1330
 Delta R.T. 0.000 min
 Lab File: VY016084.D
 Acq: 26 Oct 2023 17:55

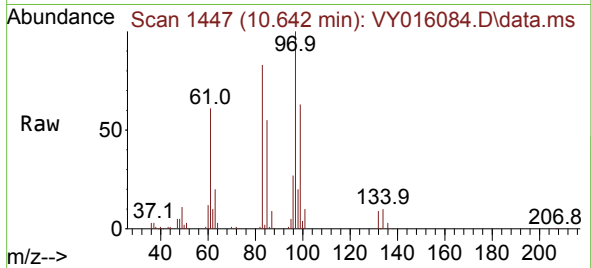
Tgt Ion: 75 Resp: 71791
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.2 36.4
 39 41.2 42.2 63.4#



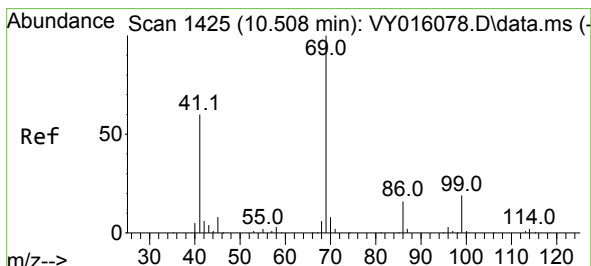
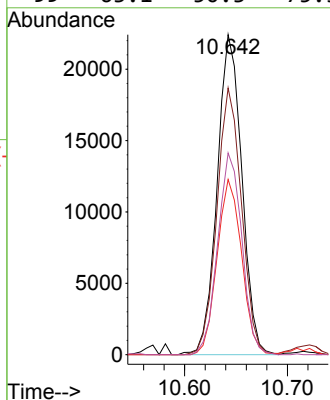
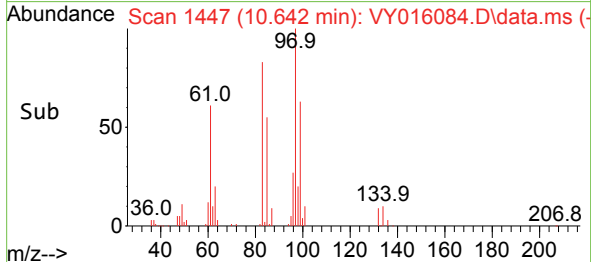


#55
1,1,2-Trichloroethane
Concen: 22.315 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Instrument :
MSVOA_Y
ClientSampleId :

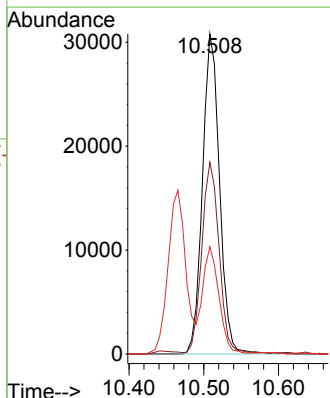
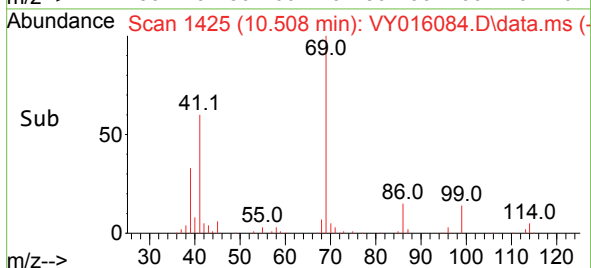
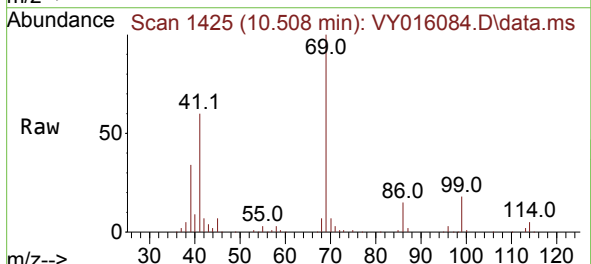


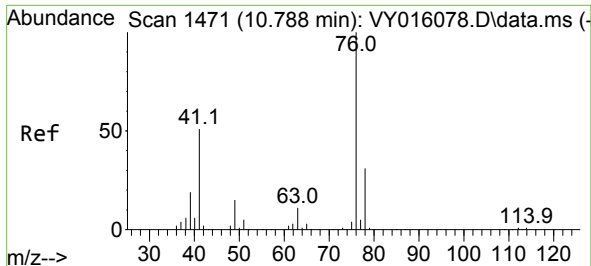
Tgt Ion:	97	Resp:	37308
Ion	Ratio	Lower	Upper
97	100		
83	83.3	72.0	108.0
85	54.8	45.4	68.0
99	63.1	50.3	75.5



#56
Ethyl methacrylate
Concen: 22.717 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion:	69	Resp:	48810
Ion	Ratio	Lower	Upper
69	100		
41	60.8	57.6	86.4
39	31.2	34.1	51.1#

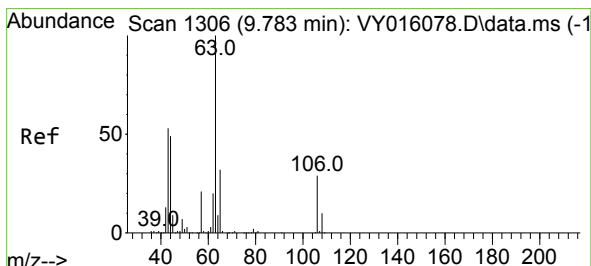
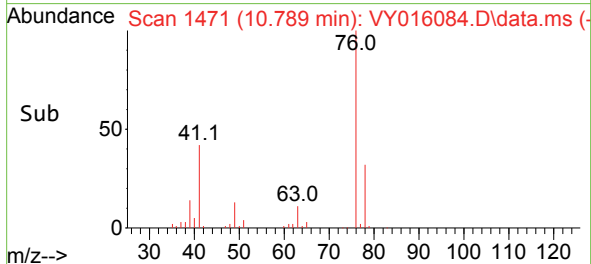
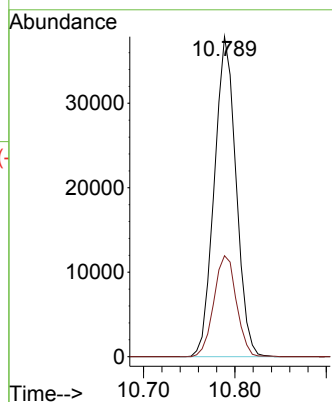
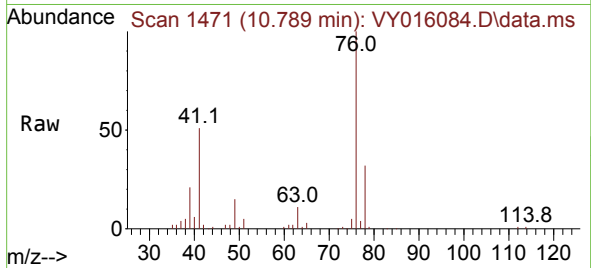




#57
1,3-Dichloropropane
Concen: 22.377 ug/l
RT: 10.789 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

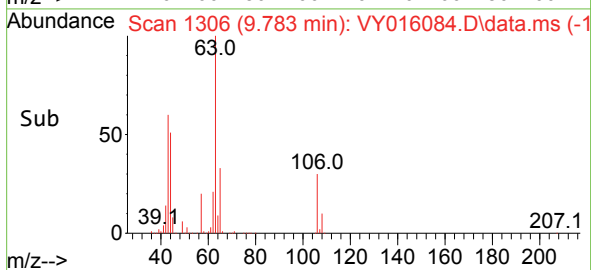
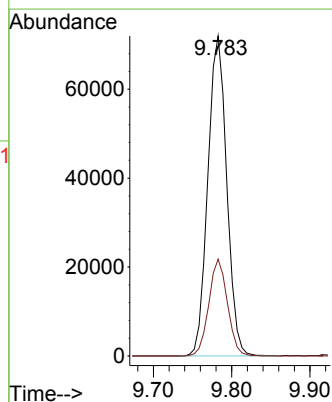
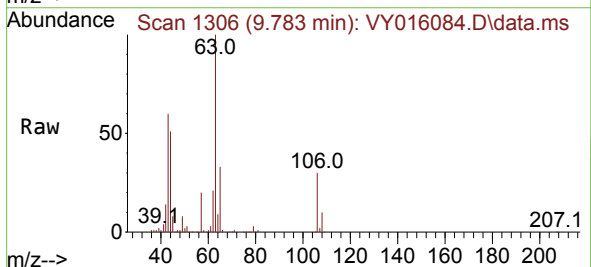
Instrument :
MSVOA_Y
ClientSampleId :

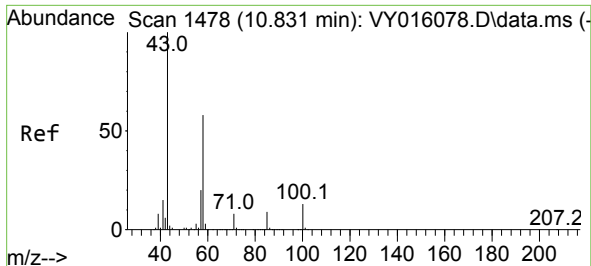
Tgt Ion: 76 Resp: 62537
Ion Ratio Lower Upper
76 100
78 32.7 25.3 37.9



#58
2-Chloroethyl Vinyl ether
Concen: 112.577 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 63 Resp: 120416
Ion Ratio Lower Upper
63 100
106 29.8 21.2 31.8

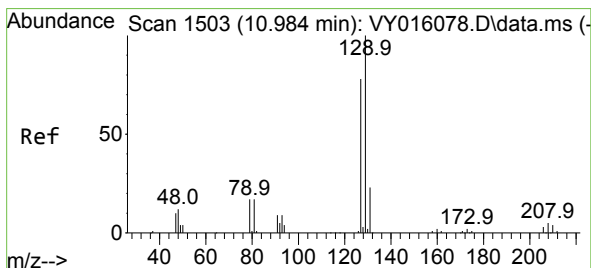
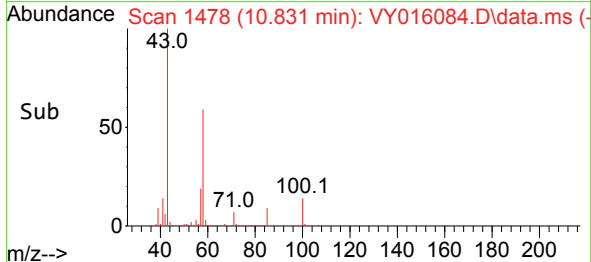
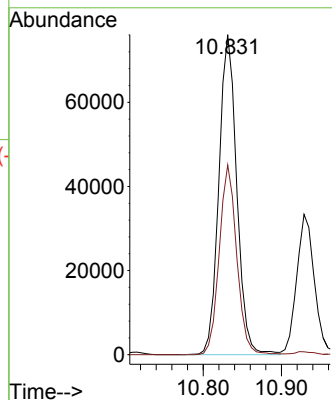
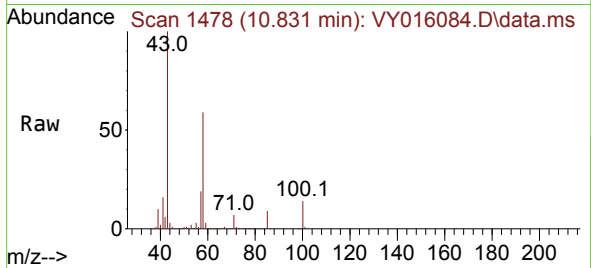




#59
2-Hexanone
Concen: 115.940 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

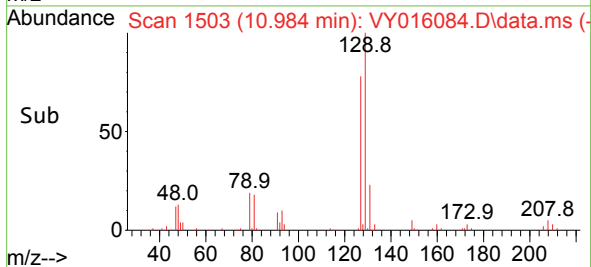
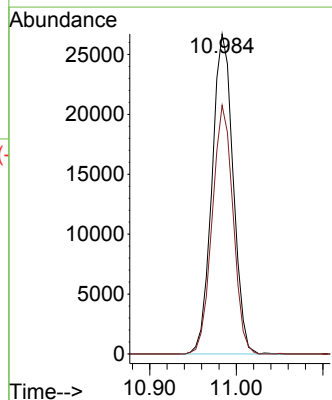
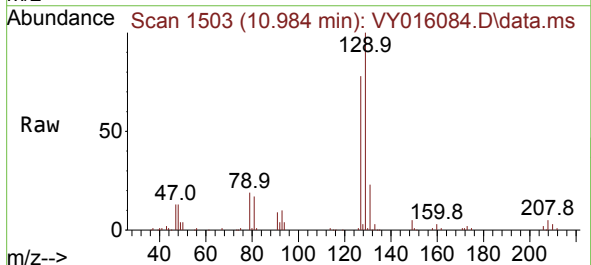
Instrument :
MSVOA_Y
ClientSampleId :

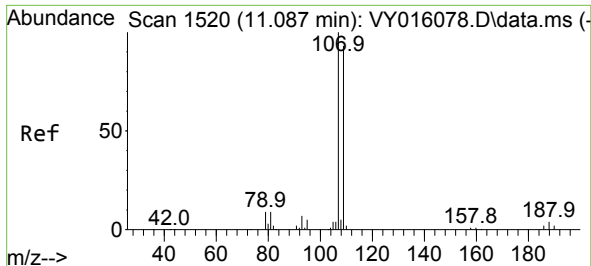
Tgt Ion: 43 Resp: 120953
Ion Ratio Lower Upper
43 100
58 57.9 25.1 75.3



#60
Dibromochloromethane
Concen: 22.093 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 129 Resp: 45230
Ion Ratio Lower Upper
129 100
127 76.6 38.5 115.5

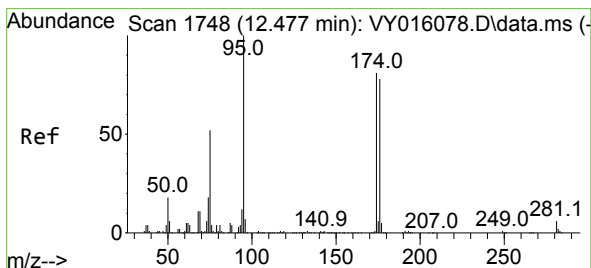
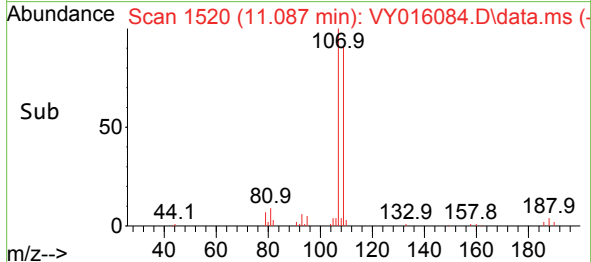
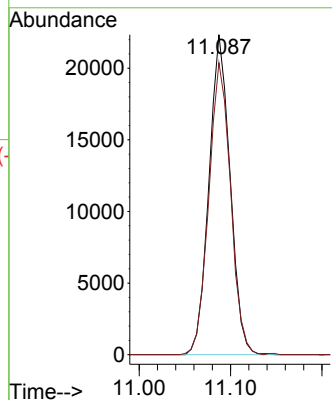
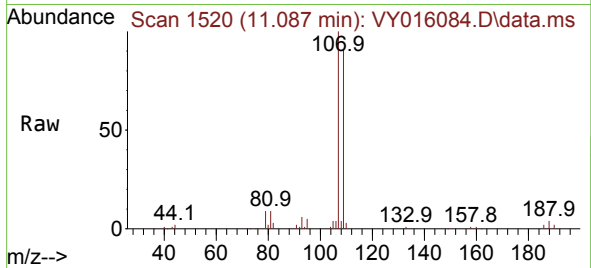




#61
1,2-Dibromoethane
Concen: 22.376 ug/l
RT: 11.087 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

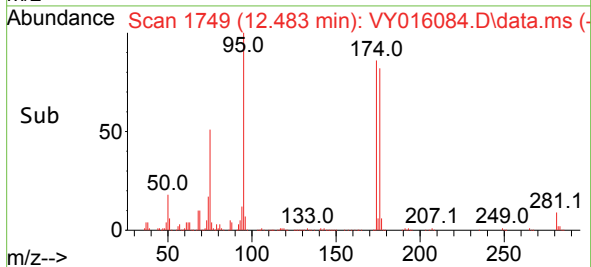
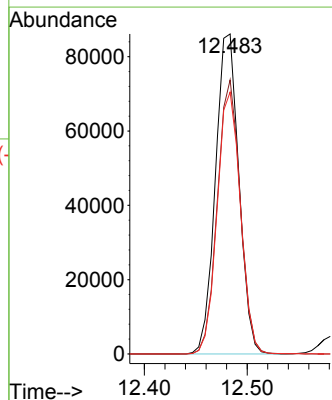
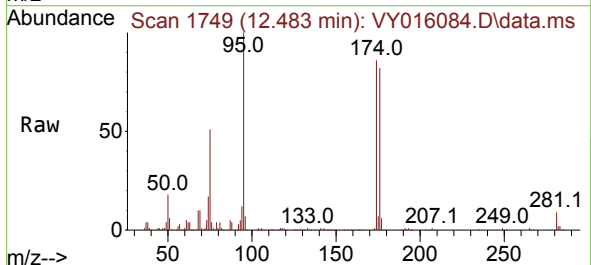
Instrument :
MSVOA_Y
ClientSampleId :

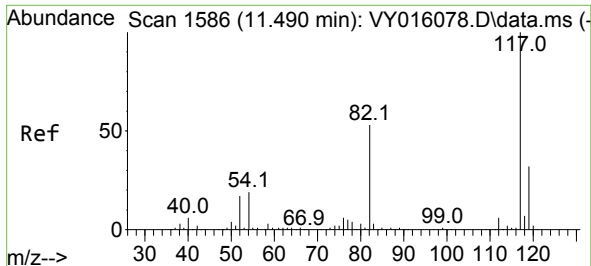
Tgt Ion:107 Resp: 35822
Ion Ratio Lower Upper
107 100
109 94.1 75.6 113.4



#62
4-Bromofluorobenzene
Concen: 53.362 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 95 Resp: 136224
Ion Ratio Lower Upper
95 100
174 83.8 0.0 178.2
176 81.3 0.0 173.8

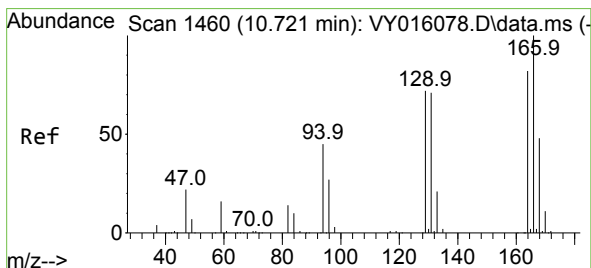
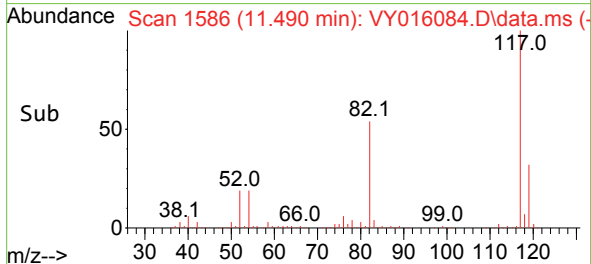
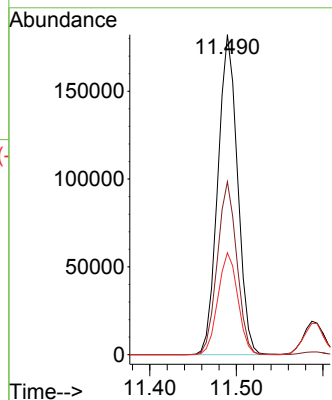
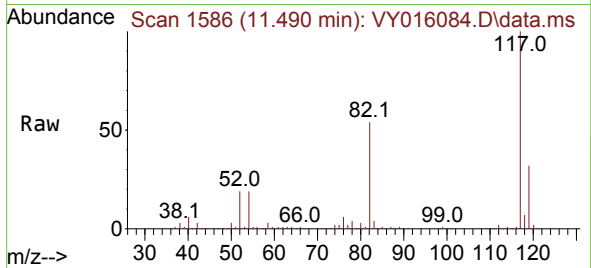




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

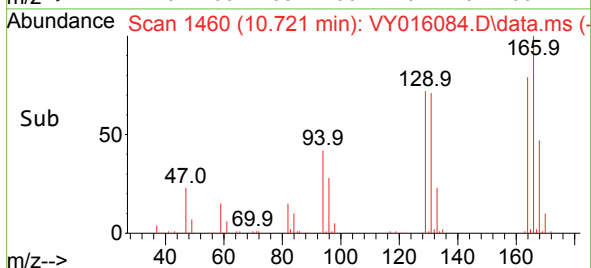
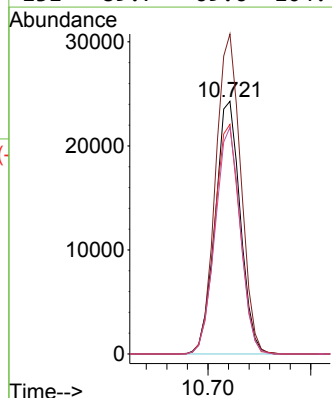
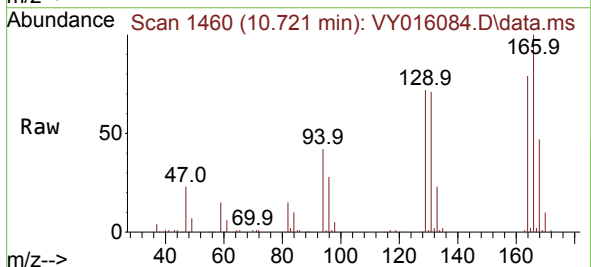
Instrument :
MSVOA_Y
ClientSampleId :

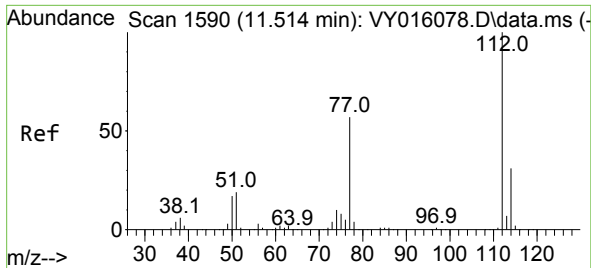
Tgt Ion:117 Resp: 288285
Ion Ratio Lower Upper
117 100
82 54.0 43.4 65.0
119 31.8 26.3 39.5



#64
Tetrachloroethene
Concen: 21.610 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion:164 Resp: 41227
Ion Ratio Lower Upper
164 100
166 126.7 103.0 154.6
129 90.9 77.2 115.8
131 89.7 69.6 104.4

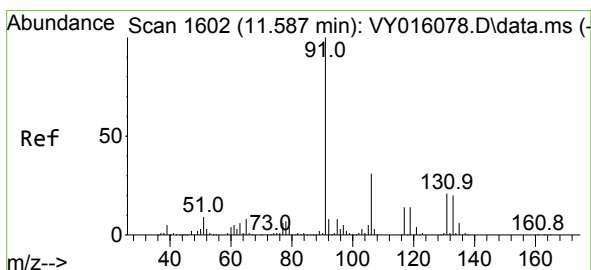
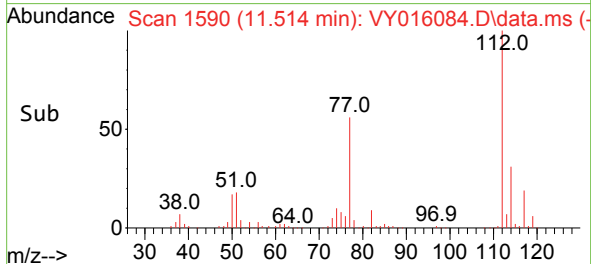
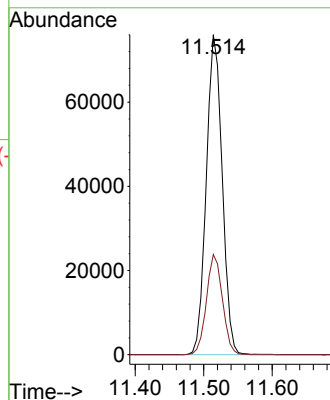
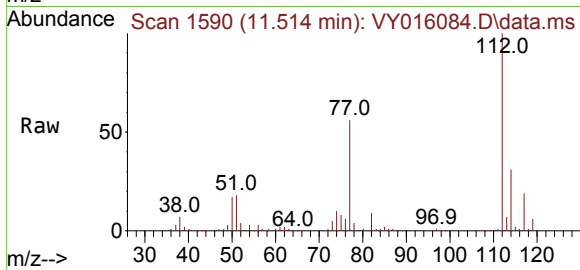




#65
Chlorobenzene
Concen: 21.704 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

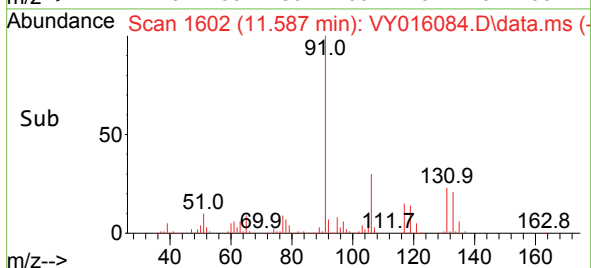
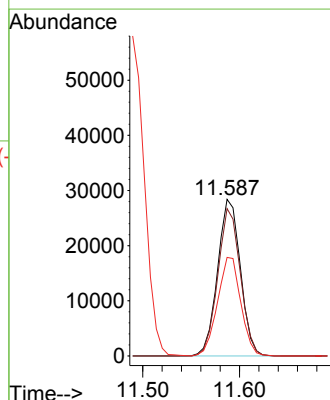
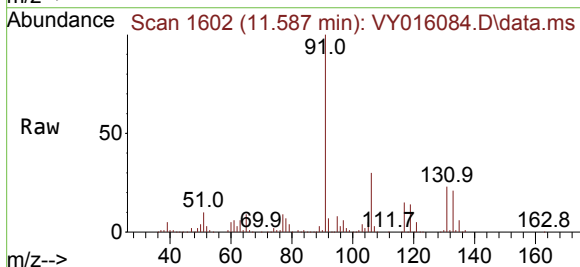
Instrument :
MSVOA_Y
ClientSampleId :

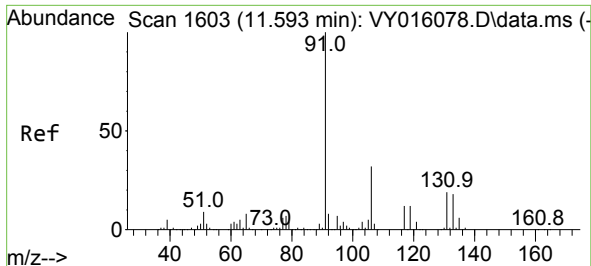
Tgt Ion:112 Resp: 122957
Ion Ratio Lower Upper
112 100
114 31.3 25.5 38.3



#66
1,1,1,2-Tetrachloroethane
Concen: 21.964 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion:131 Resp: 46470
Ion Ratio Lower Upper
131 100
133 93.3 47.5 142.6
119 64.3 31.6 94.7

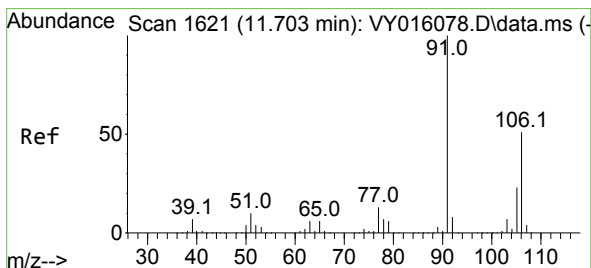
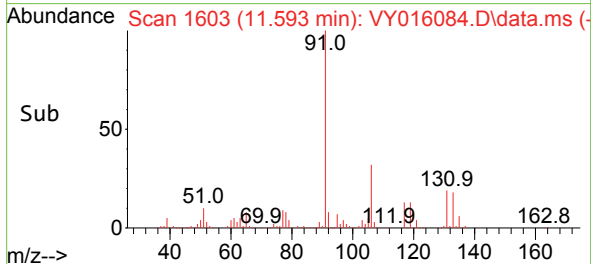
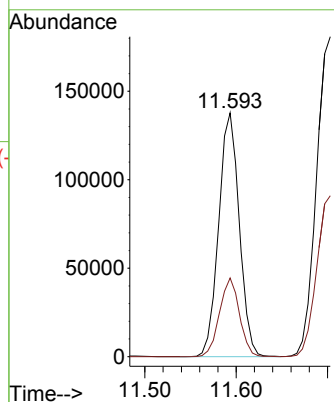
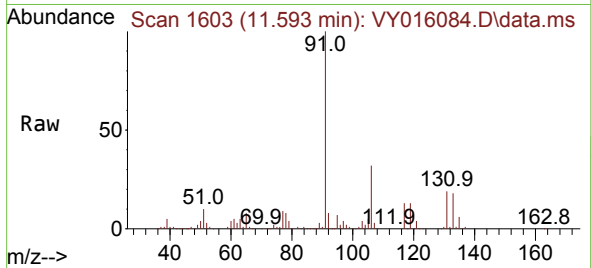




#67
Ethyl Benzene
Concen: 21.416 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

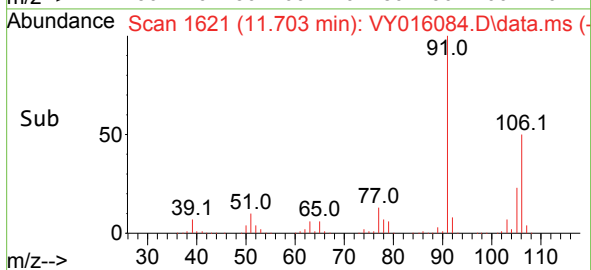
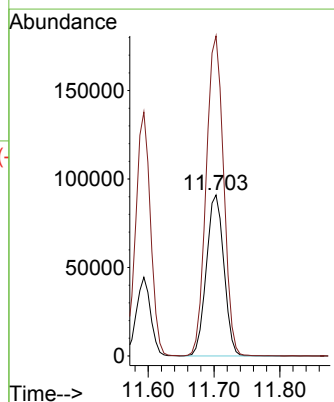
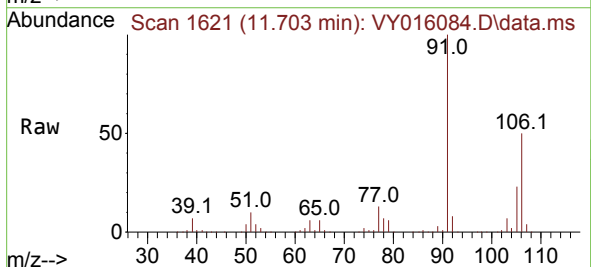
Instrument :
MSVOA_Y
ClientSampleId :

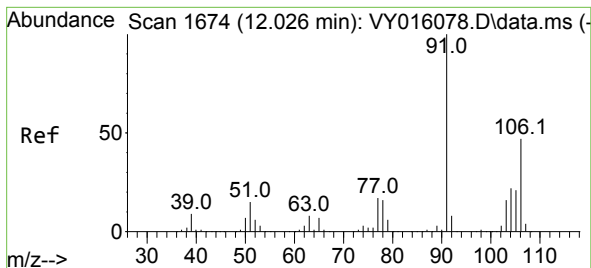
Tgt Ion: 91 Resp: 215502
Ion Ratio Lower Upper
91 100
106 32.3 24.6 36.8



#68
m/p-Xylenes
Concen: 43.289 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 106 Resp: 168573
Ion Ratio Lower Upper
106 100
91 197.7 166.1 249.1





#69

o-Xylene

Concen: 21.544 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

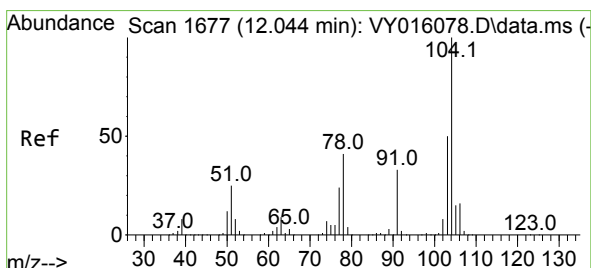
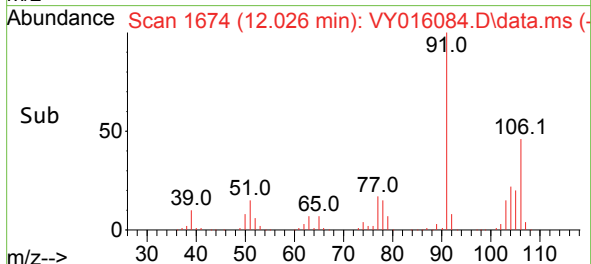
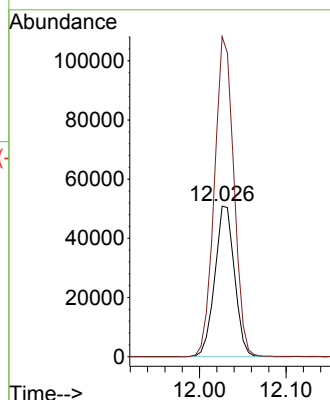
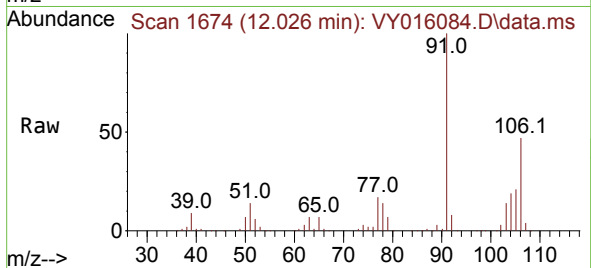
ClientSampleId :

Tgt Ion:106 Resp: 80319

Ion Ratio Lower Upper

106 100

91 210.4 108.1 324.3



#70

Styrene

Concen: 21.698 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

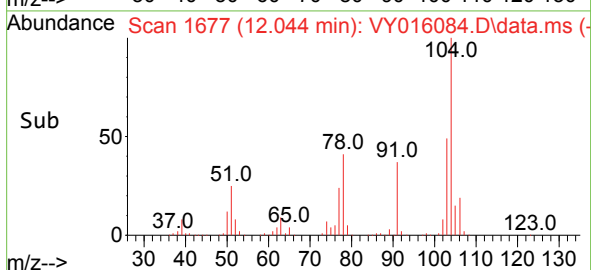
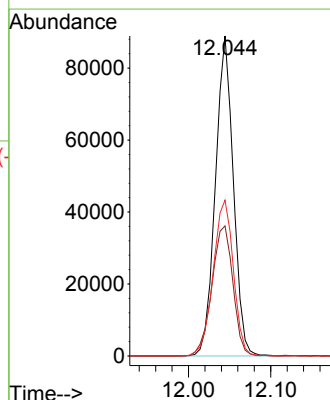
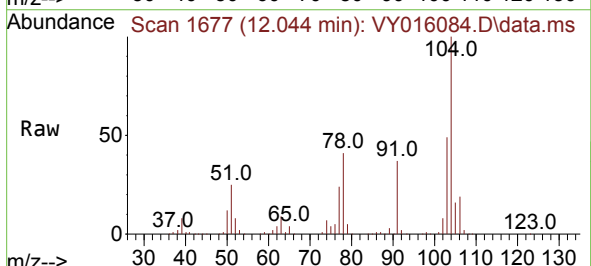
Tgt Ion:104 Resp: 134842

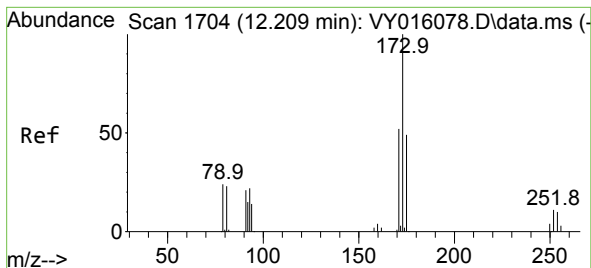
Ion Ratio Lower Upper

104 100

78 47.6 41.5 62.3

103 54.8 44.6 67.0





#71

Bromoform

Concen: 22.120 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY016084.D

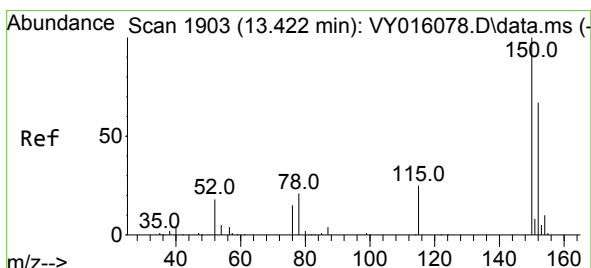
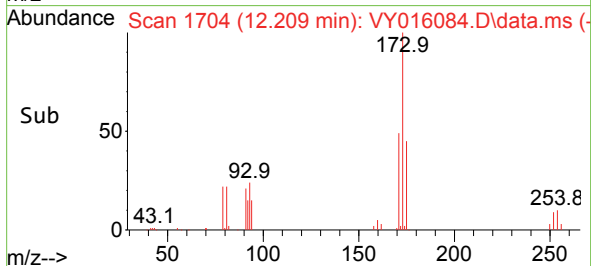
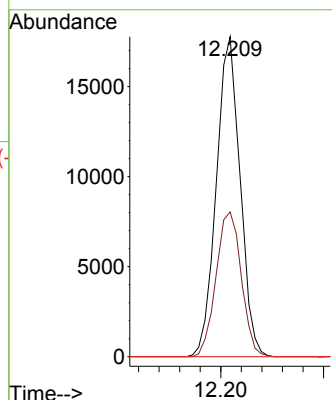
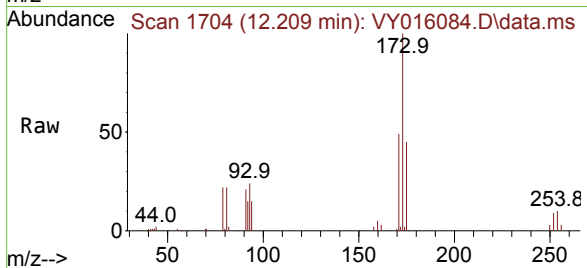
Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	28507
Ion Ratio	Lower	Upper
173	100	
175	48.0	24.6 73.8
254	0.0	0.2 0.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

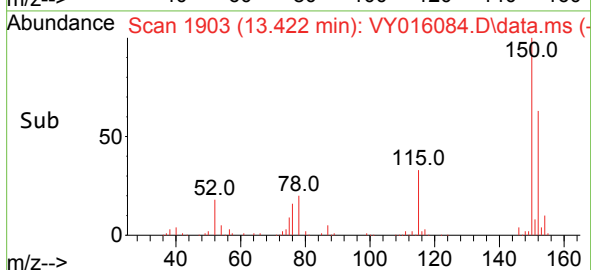
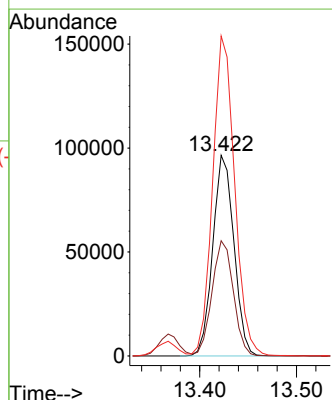
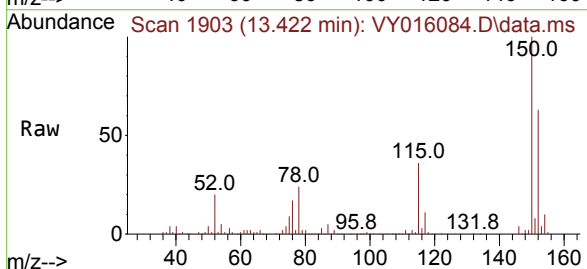
RT: 13.422 min Scan# 1903

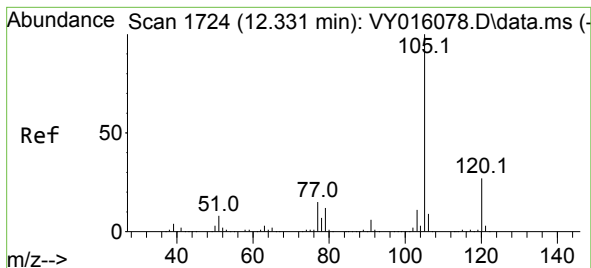
Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Tgt Ion:152	Resp:	146558
Ion Ratio	Lower	Upper
152	100	
115	58.1	28.8 86.5
150	165.7	0.0 348.8





#73

Isopropylbenzene

Concen: 20.781 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

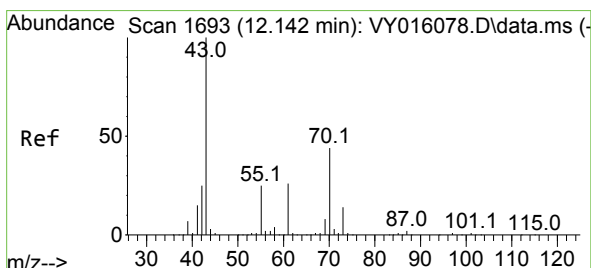
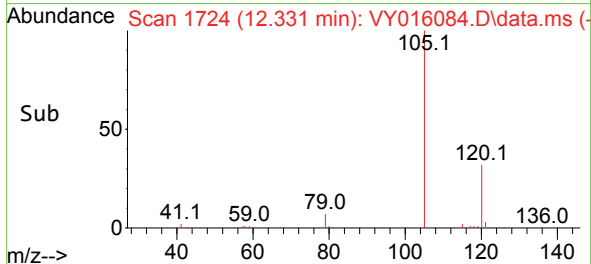
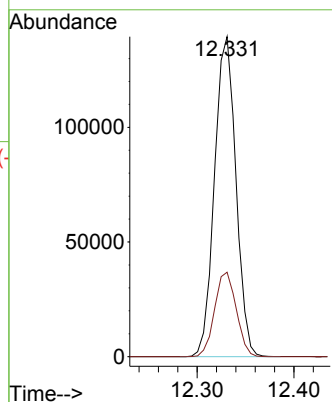
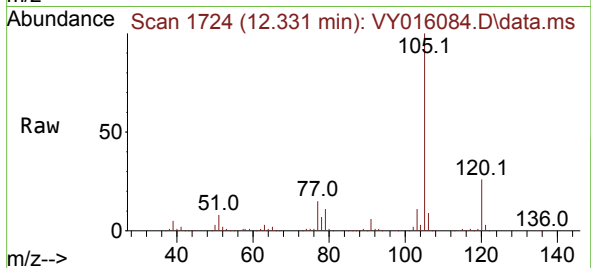
ClientSampleId :

Tgt Ion:105 Resp: 214336

Ion Ratio Lower Upper

105 100

120 26.7 13.3 39.9



#74

N-ethyl acetate

Concen: 21.836 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Tgt Ion: 43 Resp: 54918

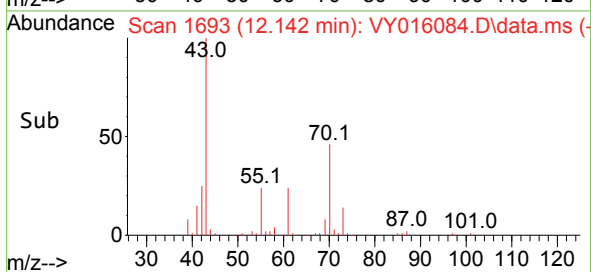
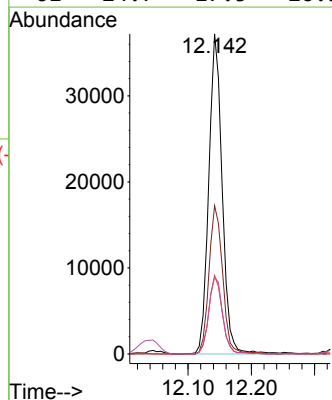
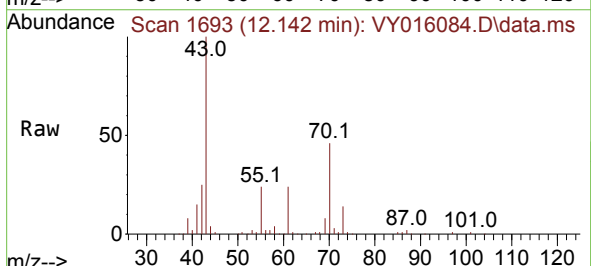
Ion Ratio Lower Upper

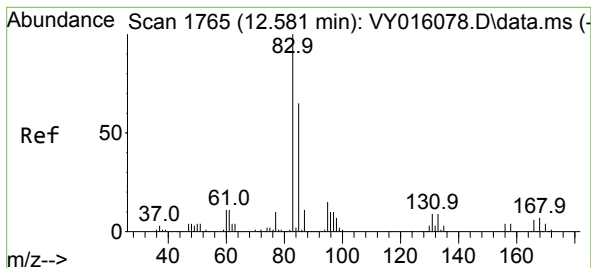
43 100

70 47.3 29.7 44.5#

55 24.9 18.3 27.5

61 24.7 17.5 26.3





#75

1,1,2,2-Tetrachloroethane

Concen: 21.830 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

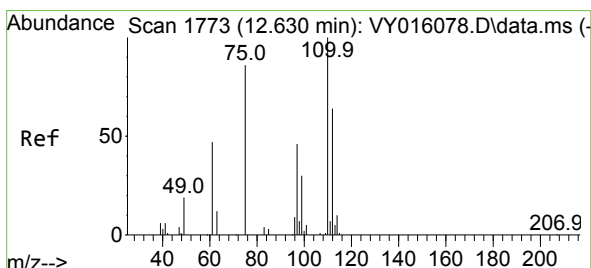
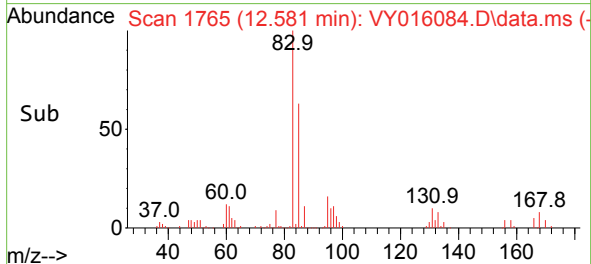
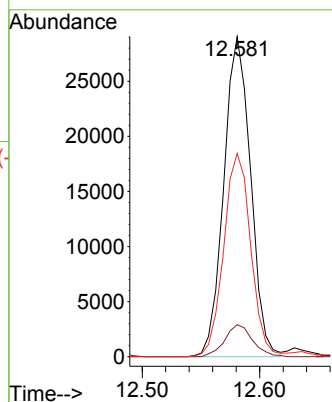
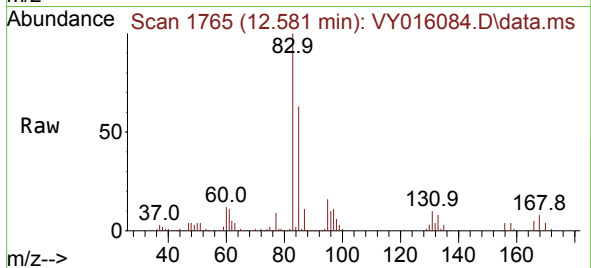
Tgt Ion: 83 Resp: 46027

Ion Ratio Lower Upper

83 100

131 10.4 5.4 16.2

85 64.1 31.8 95.4



#76

1,2,3-Trichloropropane

Concen: 37.853 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY016084.D

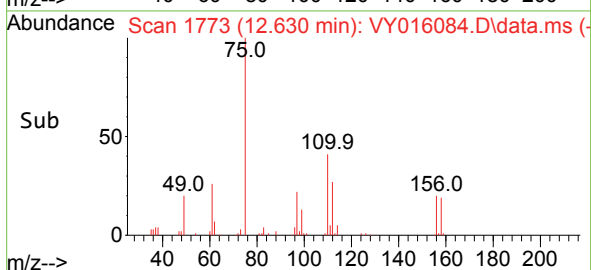
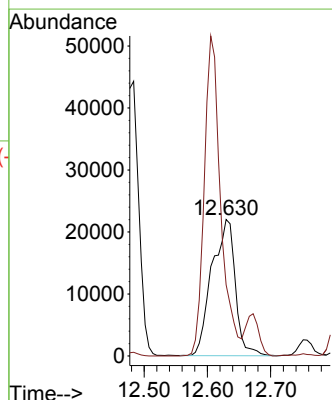
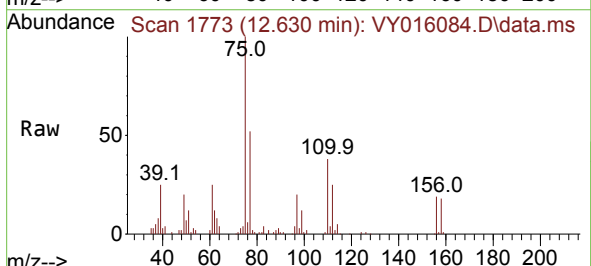
Acq: 26 Oct 2023 17:55

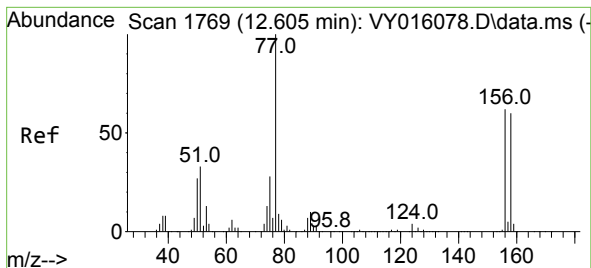
Tgt Ion: 75 Resp: 56640

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 21.074 ug/l

RT: 12.611 min Scan# 1769

Delta R.T. 0.006 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

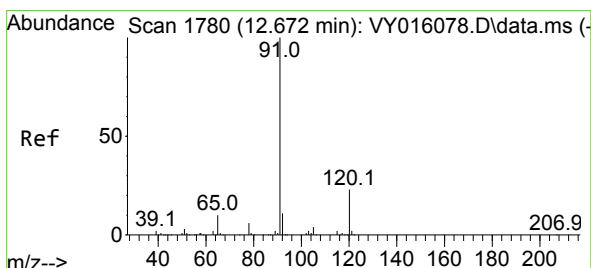
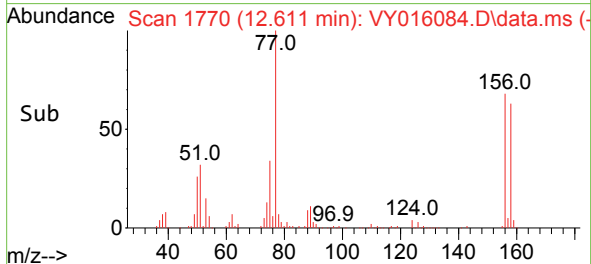
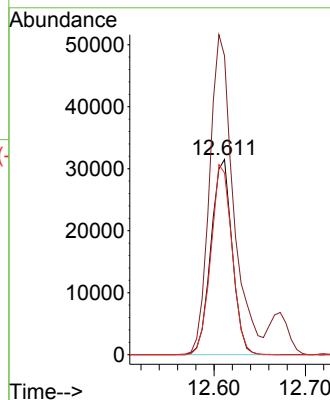
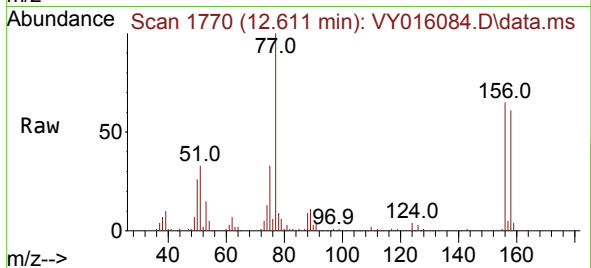
Tgt Ion:156 Resp: 50728

Ion Ratio Lower Upper

156 100

77 185.4 92.8 278.6

158 97.1 48.4 145.3



#78

n-propylbenzene

Concen: 20.736 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY016084.D

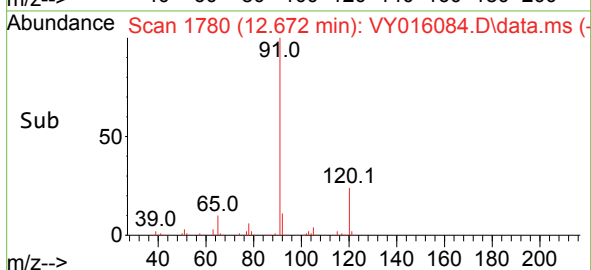
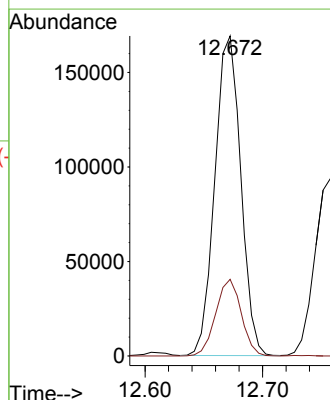
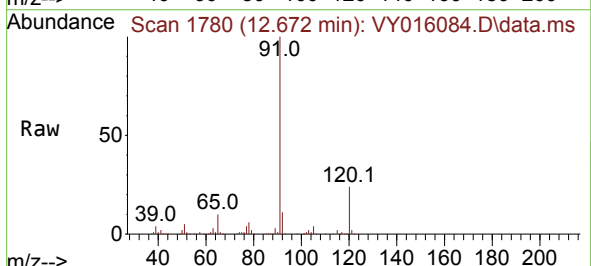
Acq: 26 Oct 2023 17:55

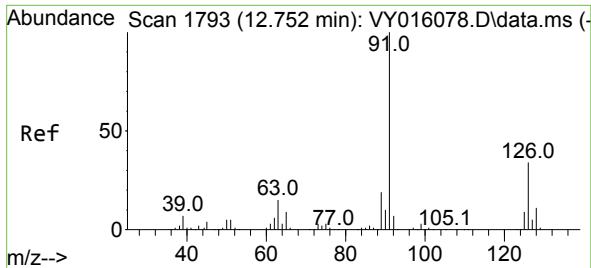
Tgt Ion: 91 Resp: 258963

Ion Ratio Lower Upper

91 100

120 23.6 11.5 34.4

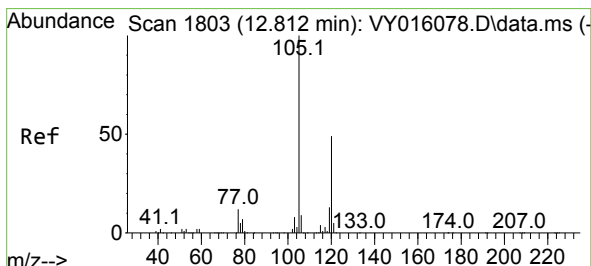
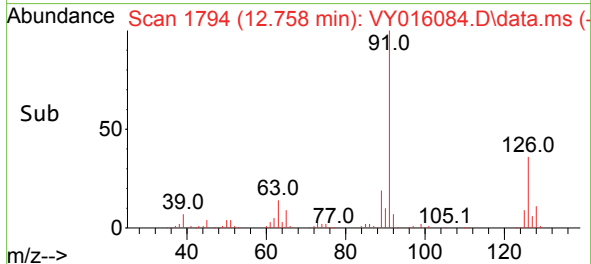
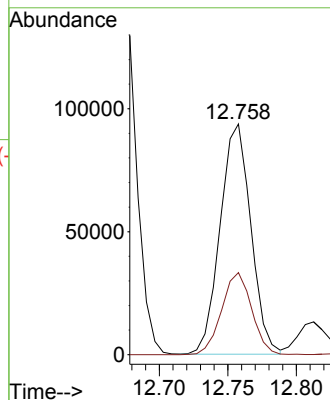
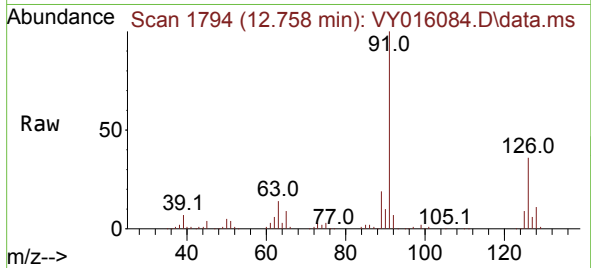




#79
2-Chlorotoluene
Concen: 20.902 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

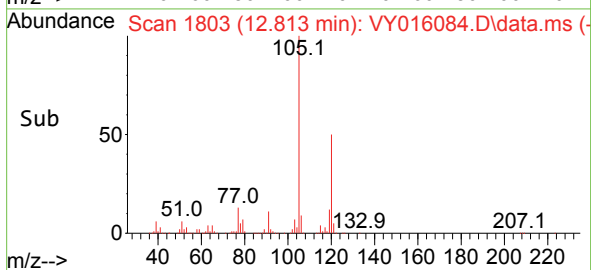
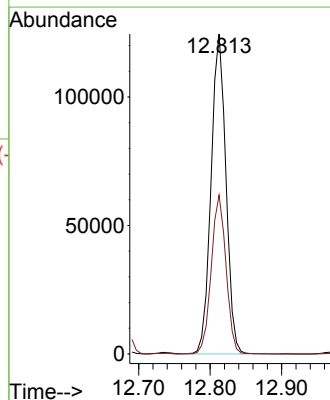
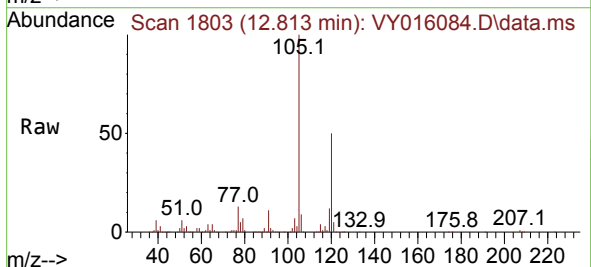
Instrument :
MSVOA_Y
ClientSampleId :

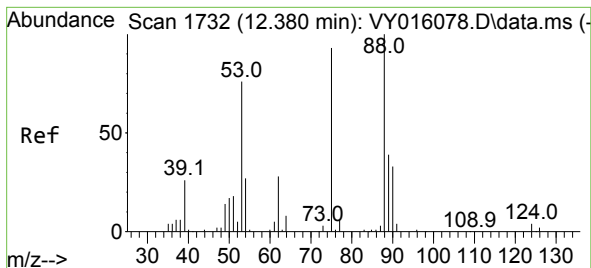
Tgt Ion: 91 Resp: 146192
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7



#80
1,3,5-Trimethylbenzene
Concen: 20.978 ug/l
RT: 12.813 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 105 Resp: 179646
Ion Ratio Lower Upper
105 100
120 49.3 23.9 71.7

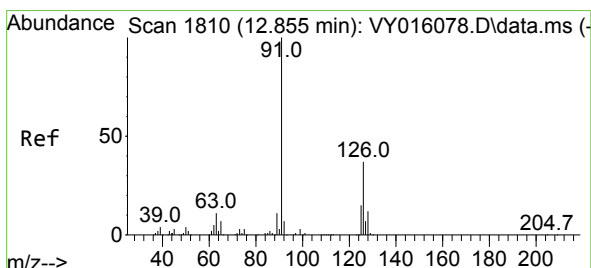
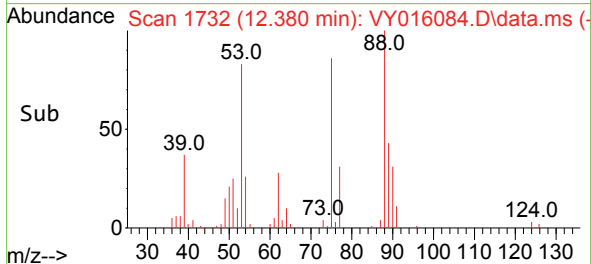
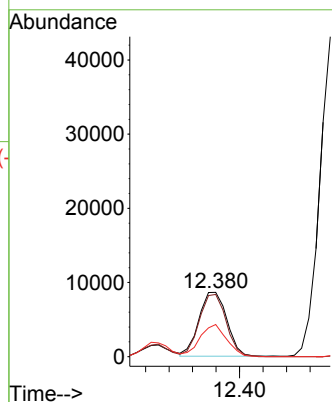
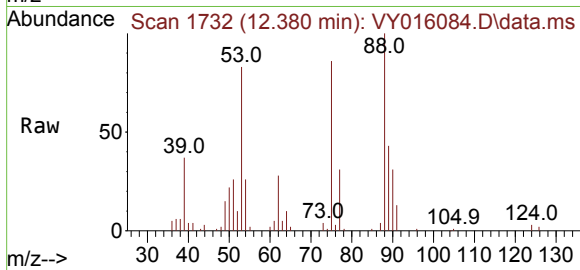




#81
trans-1,4-Dichloro-2-butene
Concen: 20.706 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

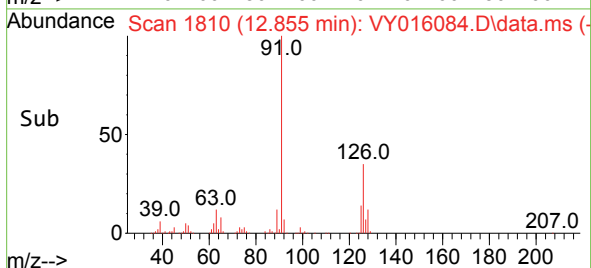
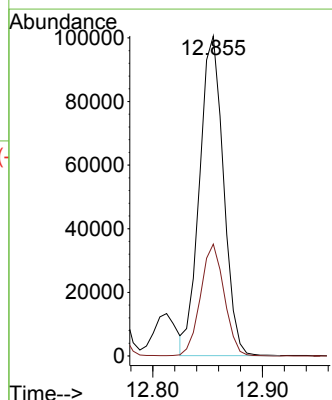
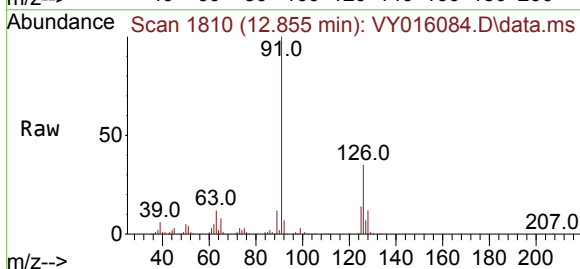
Instrument :
MSVOA_Y
ClientSampleId :

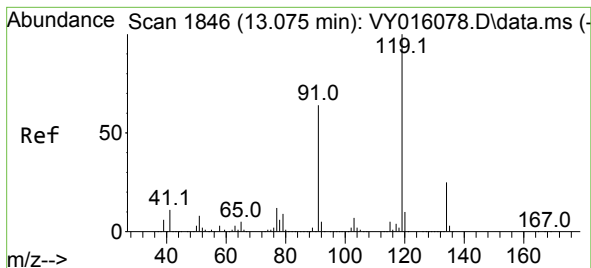
Tgt Ion: 75 Resp: 14257
Ion Ratio Lower Upper
75 100
53 94.1 77.8 116.8
89 48.2 37.4 56.0



#82
4-Chlorotoluene
Concen: 20.994 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 91 Resp: 152279
Ion Ratio Lower Upper
91 100
126 34.7 17.2 51.6





#83

tert-Butylbenzene

Concen: 20.949 ug/l

RT: 13.075 min Scan# 119

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

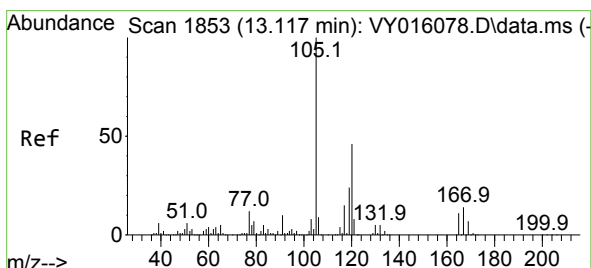
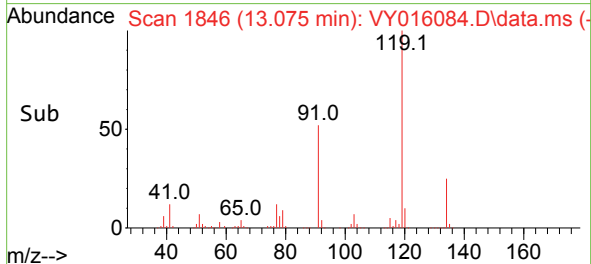
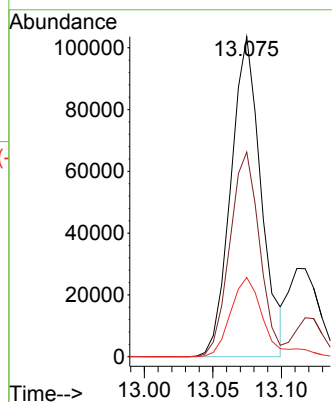
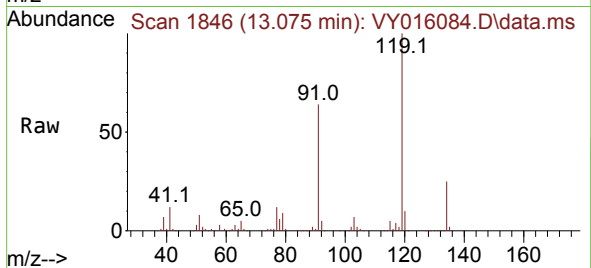
Tgt Ion:119 Resp: 159464

Ion Ratio Lower Upper

119 100

91 62.9 32.9 98.6

134 27.2 13.0 38.9



#84

1,2,4-Trimethylbenzene

Concen: 21.137 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY016084.D

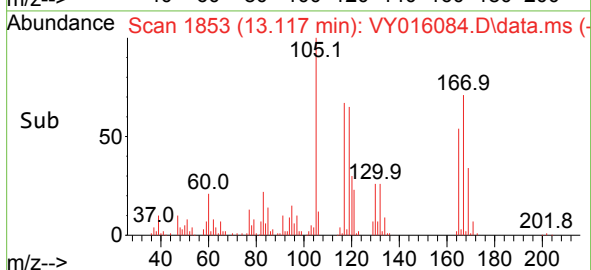
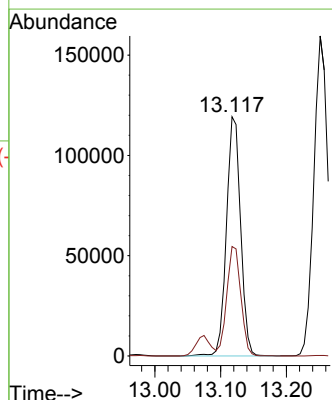
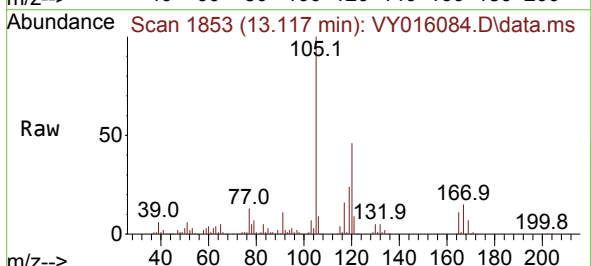
Acq: 26 Oct 2023 17:55

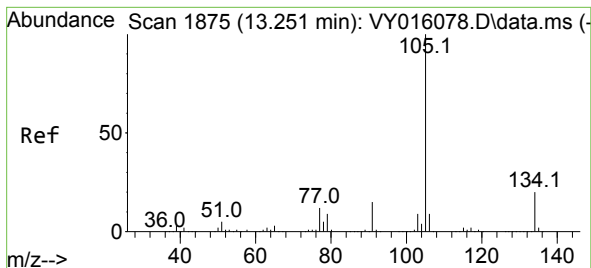
Tgt Ion:105 Resp: 178767

Ion Ratio Lower Upper

105 100

120 45.5 22.2 66.6





#85

sec-Butylbenzene

Concen: 21.107 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

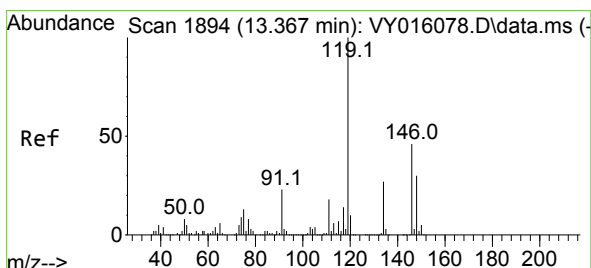
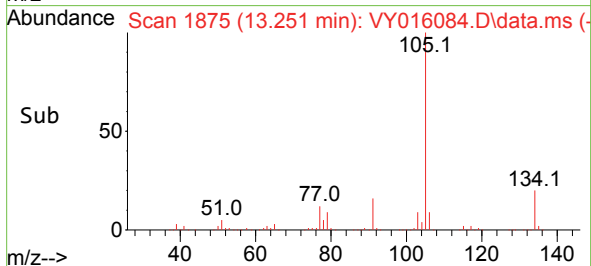
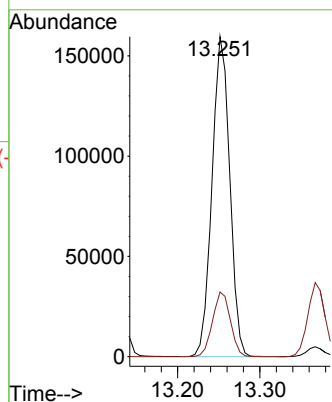
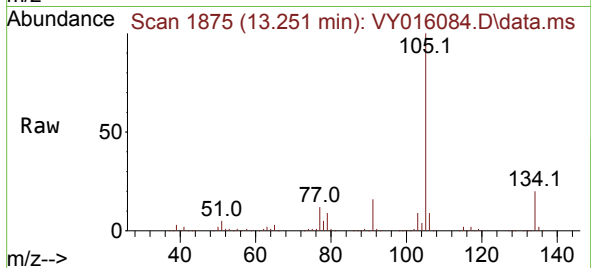
ClientSampleId :

Tgt Ion:105 Resp: 239298

Ion Ratio Lower Upper

105 100

134 20.3 10.2 30.6



#86

p-Isopropyltoluene

Concen: 20.999 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

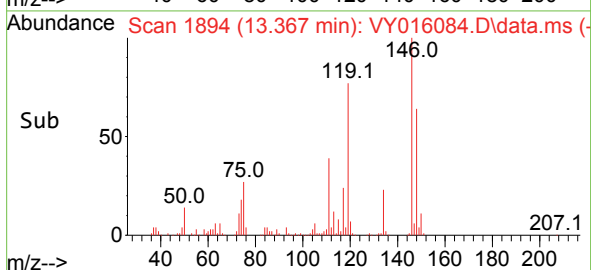
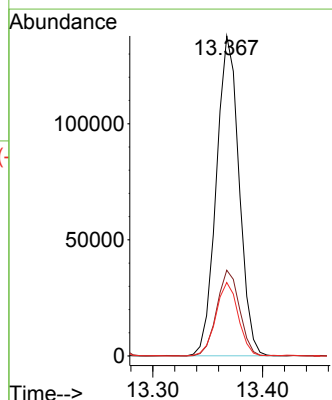
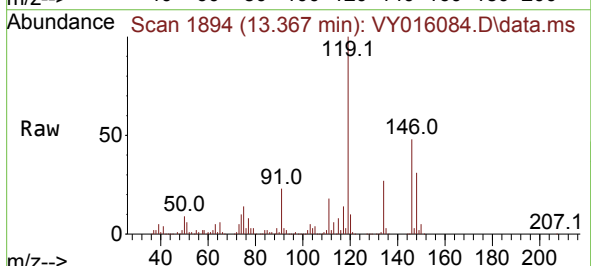
Tgt Ion:119 Resp: 198649

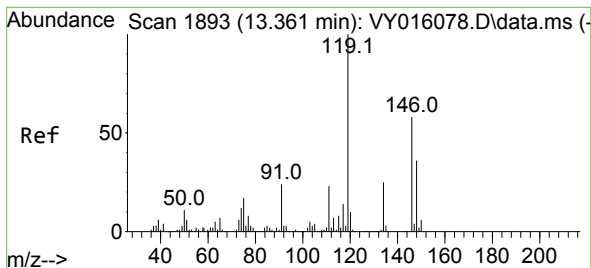
Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.6 12.4 37.4





#87

1,3-Dichlorobenzene

Concen: 21.110 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

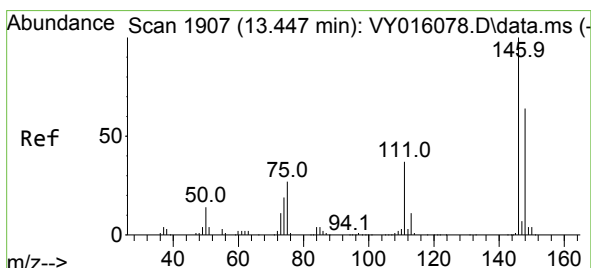
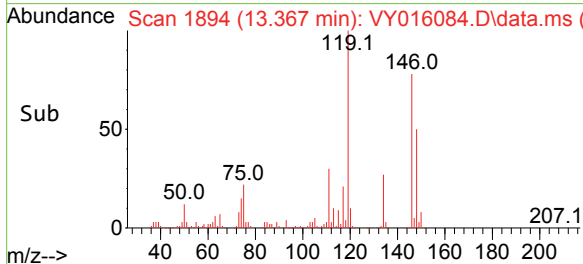
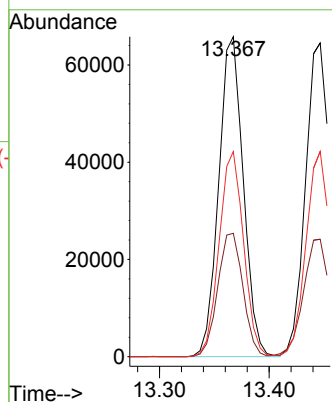
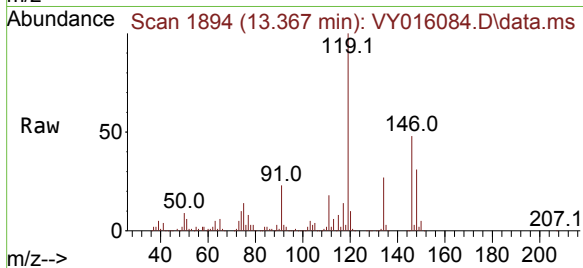
Tgt Ion:146 Resp: 102608

Ion Ratio Lower Upper

146 100

111 39.6 19.4 58.2

148 63.8 31.9 95.5



#88

1,4-Dichlorobenzene

Concen: 21.139 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

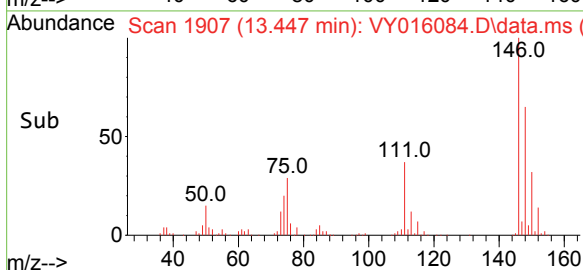
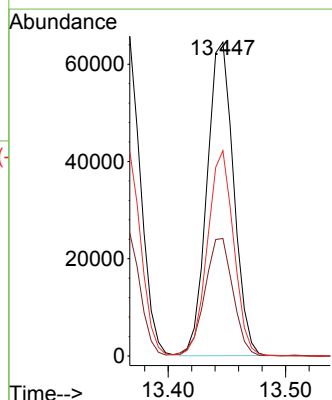
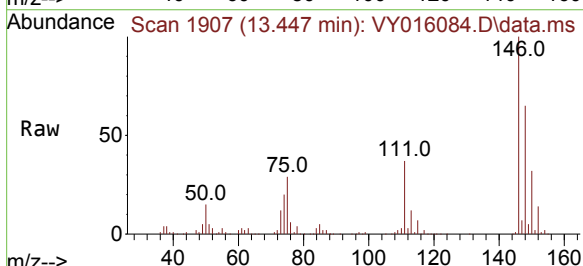
Tgt Ion:146 Resp: 101550

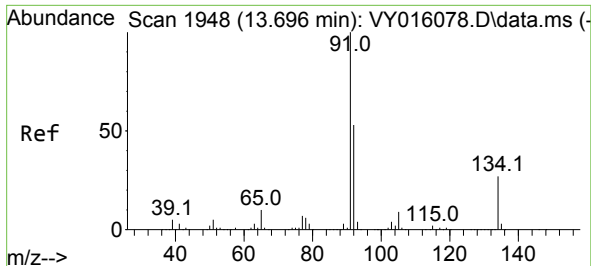
Ion Ratio Lower Upper

146 100

111 40.0 18.9 56.7

148 64.6 32.1 96.5

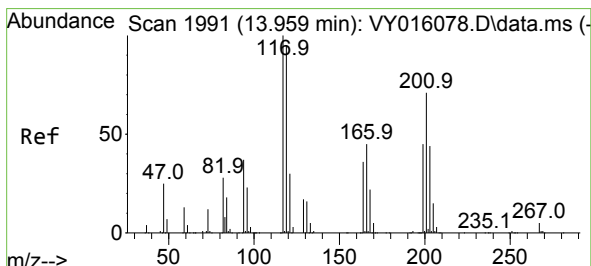
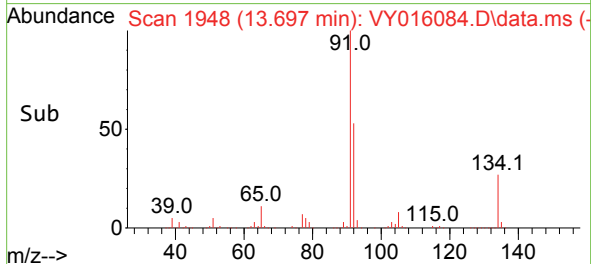
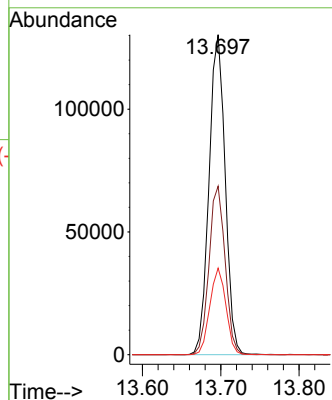
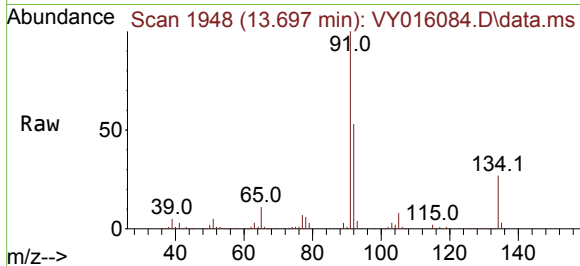




#89
n-Butylbenzene
Concen: 21.131 ug/l
RT: 13.697 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

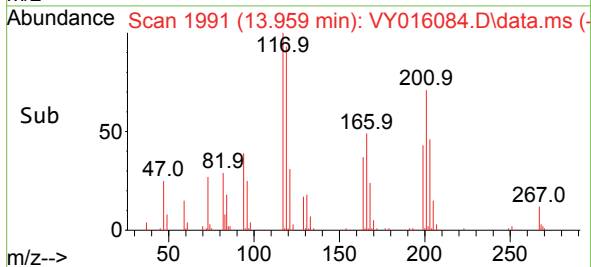
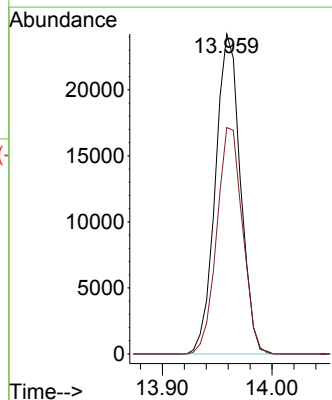
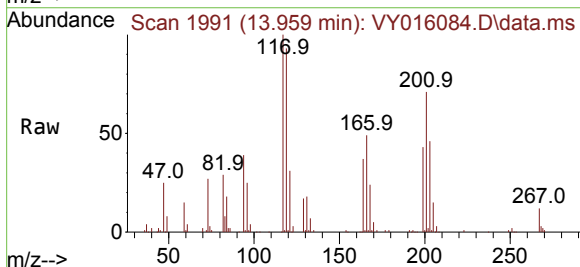
Instrument :
MSVOA_Y
ClientSampleId :

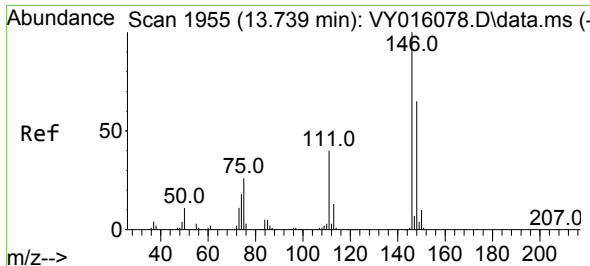
Tgt Ion: 91 Resp: 186470
Ion Ratio Lower Upper
91 100
92 52.6 25.4 76.0
134 26.9 12.6 37.6



#90
Hexachloroethane
Concen: 20.860 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 117 Resp: 38420
Ion Ratio Lower Upper
117 100
201 72.9 41.6 124.8

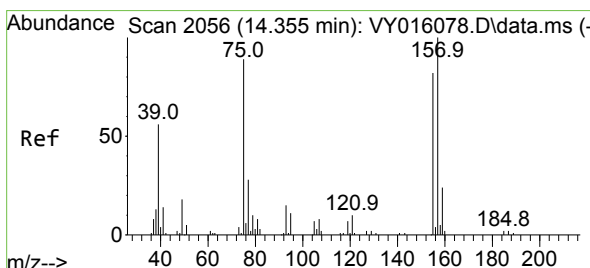
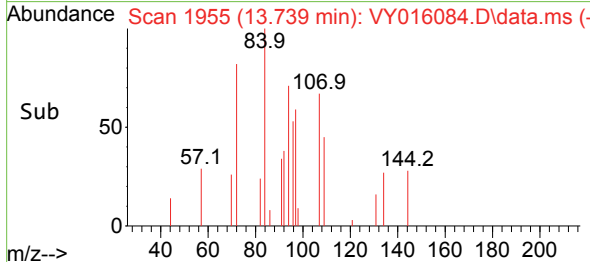
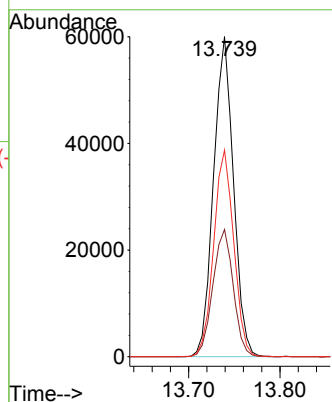
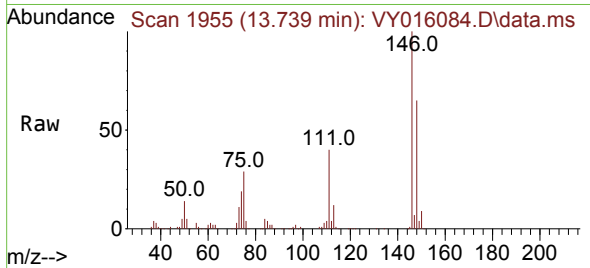




#91
1,2-Dichlorobenzene
Concen: 21.081 ug/l
RT: 13.739 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

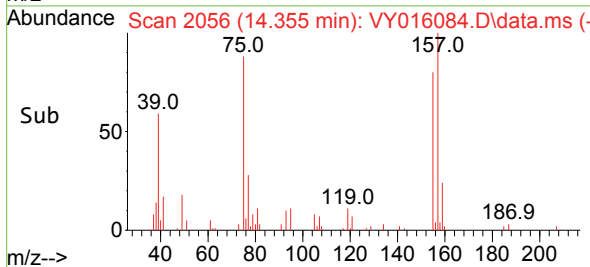
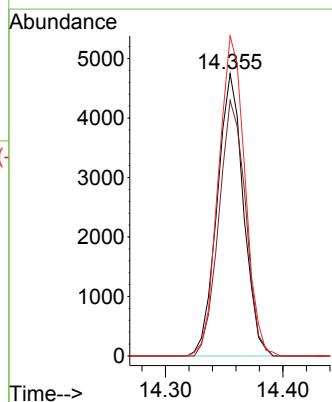
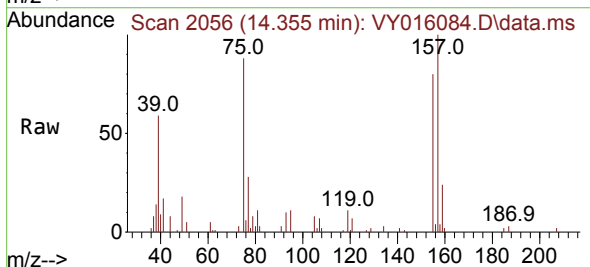
Instrument :
MSVOA_Y
ClientSampleId :

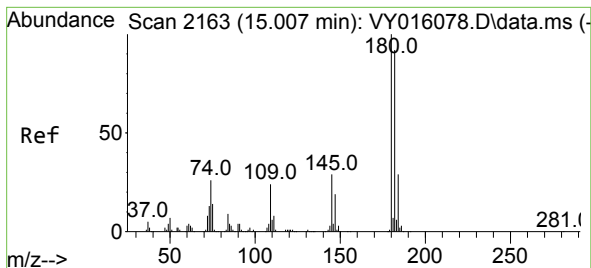
Tgt Ion:146 Resp: 90722
Ion Ratio Lower Upper
146 100
111 40.8 19.7 59.0
148 65.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 22.269 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY016084.D
Acq: 26 Oct 2023 17:55

Tgt Ion: 75 Resp: 7371
Ion Ratio Lower Upper
75 100
155 91.6 41.5 124.6
157 114.5 51.8 155.5





#93

1,2,4-Trichlorobenzene

Concen: 22.016 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

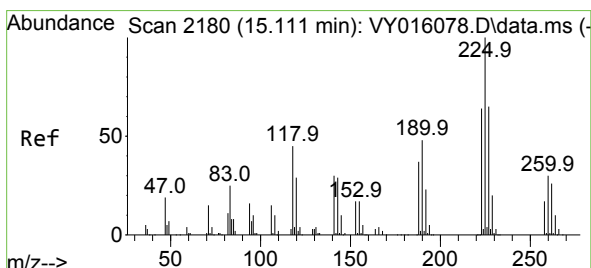
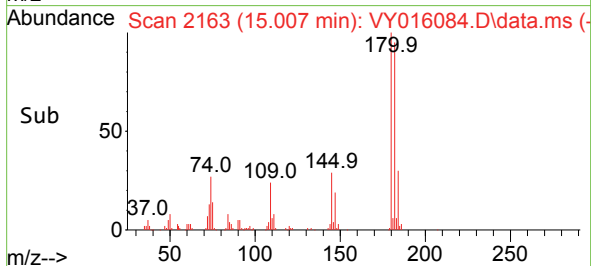
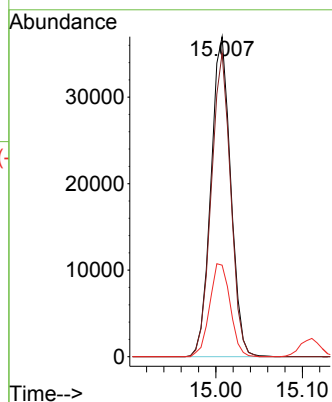
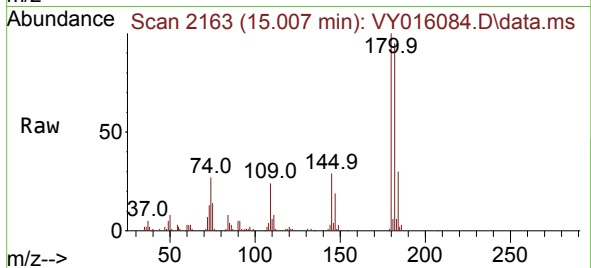
Tgt Ion:180 Resp: 58617

Ion Ratio Lower Upper

180 100

182 93.0 47.0 141.2

145 30.2 14.5 43.5



#94

Hexachlorobutadiene

Concen: 21.443 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

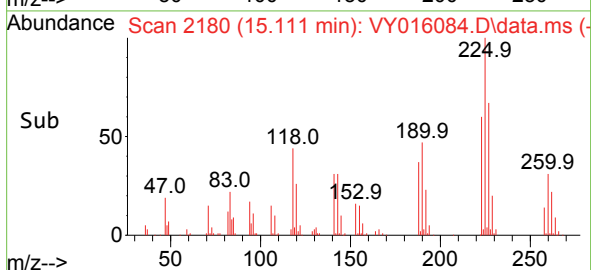
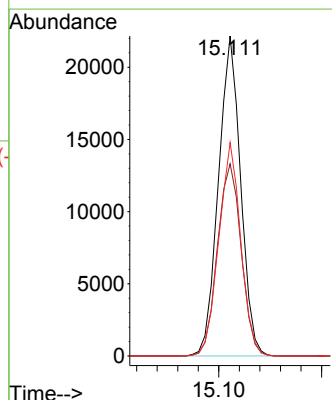
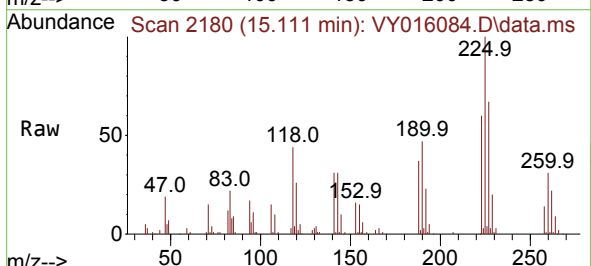
Tgt Ion:225 Resp: 33135

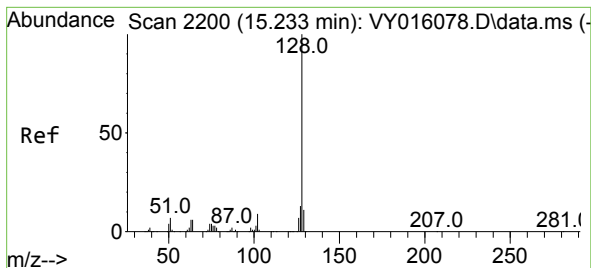
Ion Ratio Lower Upper

225 100

223 64.2 31.9 95.9

227 66.1 33.0 98.9





#95

Naphthalene

Concen: 22.375 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Instrument :

MSVOA_Y

ClientSampleId :

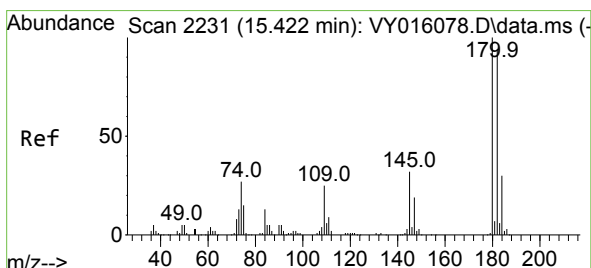
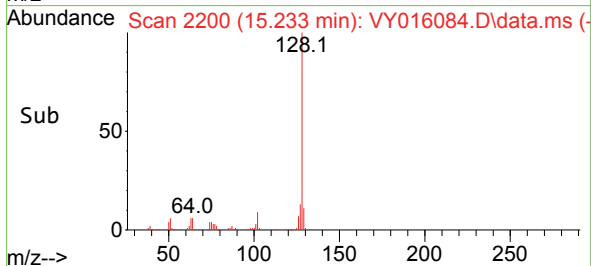
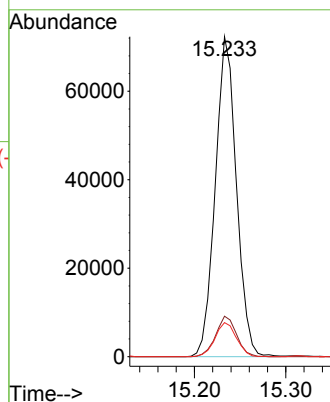
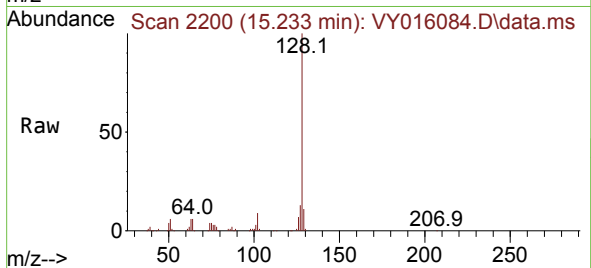
Tgt Ion:128 Resp: 116179

Ion Ratio Lower Upper

128 100

127 12.5 10.8 16.2

129 10.9 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 22.419 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY016084.D

Acq: 26 Oct 2023 17:55

Tgt Ion:180 Resp: 51474

Ion Ratio Lower Upper

180 100

182 94.2 47.3 141.8

145 32.5 15.4 46.2

