

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013124\
 Data File : VY017152.D
 Acq On : 31 Jan 2024 11:35
 Operator : SY/MD
 Sample : VY0131SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

Quant Time: Jan 31 22:56:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y012424S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 25 04:44:10 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.807	168	100919	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.703	114	172534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	150538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	68156	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	54207	55.130	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.260%
35) Dibromofluoromethane	7.728	113	55407	53.209	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.420%
50) Toluene-d8	10.191	98	211448	53.762	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	107.520%
62) 4-Bromofluorobenzene	12.489	95	66164	54.608	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	109.220%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	18591	22.371	ug/l	94
3) Chloromethane	2.119	50	30512	21.168	ug/l	100
4) Vinyl Chloride	2.253	62	37414	23.192	ug/l	100
5) Bromomethane	2.656	94	28708	24.531	ug/l	100
6) Chloroethane	2.796	64	24572	23.728	ug/l	96
7) Trichlorofluoromethane	3.131	101	39338	21.682	ug/l	99
8) Diethyl Ether	3.540	74	11993	20.626	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.905	101	24135	21.381	ug/l	98
10) Methyl Iodide	4.101	142	18383	17.142	ug/l	99
11) Tert butyl alcohol	4.972	59	9263	123.025	ug/l #	94
12) 1,1-Dichloroethene	3.881	96	20282	19.628	ug/l	98
13) Acrolein	3.741	56	9742	82.613	ug/l	95
14) Allyl chloride	4.497	41	32530	20.828	ug/l	98
15) Acrylonitrile	5.180	53	26989	106.948	ug/l	100
16) Acetone	3.960	43	39674	133.345	ug/l	92
17) Carbon Disulfide	4.210	76	46496	14.930	ug/l	99
18) Methyl Acetate	4.497	43	20885	20.705	ug/l	100
19) Methyl tert-butyl Ether	5.234	73	54027	21.427	ug/l	99
20) Methylene Chloride	4.728	84	28050	22.289	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	23245	19.449	ug/l	96
22) Diisopropyl ether	6.131	45	78663	22.818	ug/l	97
23) Vinyl Acetate	6.076	43	179371	107.260	ug/l	99
24) 1,1-Dichloroethane	6.033	63	46143	21.944	ug/l	98
25) 2-Butanone	7.002	43	46957	119.351	ug/l	98
26) 2,2-Dichloropropane	6.996	77	39496	21.991	ug/l	96
27) cis-1,2-Dichloroethene	7.002	96	28276	21.349	ug/l	98
28) Bromochloromethane	7.344	49	17700	21.144	ug/l	98
29) Tetrahydrofuran	7.362	42	21415	107.407	ug/l	97
30) Chloroform	7.521	83	47574	22.219	ug/l	91
31) Cyclohexane	7.801	56	35898	18.603	ug/l	97
32) 1,1,1-Trichloroethane	7.716	97	40640	22.135	ug/l	98
36) 1,1-Dichloropropene	7.935	75	34312	20.027	ug/l	100
37) Ethyl Acetate	7.088	43	17019	23.102	ug/l	96
38) Carbon Tetrachloride	7.917	117	34128	20.327	ug/l	100
39) Methylcyclohexane	9.197	83	36569	17.746	ug/l	94
40) Benzene	8.173	78	102317	20.564	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.362	41	21327	54.129	ug/l #	36
42) 1,2-Dichloroethane	8.252	62	27214	21.097	ug/l	99
43) Isopropyl Acetate	8.289	43	29338	21.332	ug/l	100
44) Trichloroethene	8.953	130	26073	20.431	ug/l	99
45) 1,2-Dichloropropane	9.228	63	26243	21.489	ug/l	96
46) Dibromomethane	9.319	93	13446	20.732	ug/l	99
47) Bromodichloromethane	9.508	83	36757	22.277	ug/l	93
48) Methyl methacrylate	9.307	41	15515	20.318	ug/l	93
49) 1,4-Dioxane	9.313	88	2938	460.583	ug/l	94
51) 4-Methyl-2-Pentanone	10.081	43	81637	111.589	ug/l	98
52) Toluene	10.258	92	63961	21.238	ug/l	99
53) t-1,3-Dichloropropene	10.477	75	32387	21.486	ug/l	97
54) cis-1,3-Dichloropropene	9.941	75	39420	21.263	ug/l	98
55) 1,1,2-Trichloroethane	10.654	97	19679	21.709	ug/l	95
56) Ethyl methacrylate	10.520	69	16267	20.521	ug/l	95
57) 1,3-Dichloropropane	10.801	76	33457	21.831	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.795	63	59804	108.685	ug/l	98
59) 2-Hexanone	10.843	43	67536	121.003	ug/l	99
60) Dibromochloromethane	10.996	129	22249	21.126	ug/l	98
61) 1,2-Dibromoethane	11.099	107	16570	20.122	ug/l	95
64) Tetrachloroethene	10.733	164	20953	19.969	ug/l	97
65) Chlorobenzene	11.526	112	67350	21.112	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.599	131	25068	21.513	ug/l	98
67) Ethyl Benzene	11.605	91	121160	20.892	ug/l	97
68) m/p-Xylenes	11.715	106	90996	41.762	ug/l	100
69) o-Xylene	12.038	106	41446	20.940	ug/l	98
70) Styrene	12.056	104	62079	21.605	ug/l	100
71) Bromoform	12.215	173	12313	21.073	ug/l #	99
73) Isopropylbenzene	12.337	105	115421	20.600	ug/l	100
74) N-amyl acetate	12.154	43	23821	21.092	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.593	83	22412	20.977	ug/l	97
76) 1,2,3-Trichloropropane	12.642	75	27179	32.854	ug/l #	100
77) Bromobenzene	12.617	156	25104	20.707	ug/l	98
78) n-propylbenzene	12.678	91	143676	21.320	ug/l	100
79) 2-Chlorotoluene	12.764	91	79029	21.370	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	93104	20.996	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	6378	19.959	ug/l	99
82) 4-Chlorotoluene	12.867	91	81585	21.286	ug/l	99
83) tert-Butylbenzene	13.087	119	81546	21.260	ug/l	98
84) 1,2,4-Trimethylbenzene	13.129	105	92416	20.969	ug/l	99
85) sec-Butylbenzene	13.264	105	122293	21.533	ug/l	100
86) p-Isopropyltoluene	13.379	119	101033	21.356	ug/l	99
87) 1,3-Dichlorobenzene	13.373	146	49610	20.726	ug/l	99
88) 1,4-Dichlorobenzene	13.453	146	49060	20.832	ug/l	98
89) n-Butylbenzene	13.702	91	98638	21.616	ug/l	98
90) Hexachloroethane	13.971	117	20881	21.176	ug/l	99
91) 1,2-Dichlorobenzene	13.745	146	43298	21.182	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	2850	20.886	ug/l	94
93) 1,2,4-Trichlorobenzene	15.013	180	21469	20.098	ug/l	98
94) Hexachlorobutadiene	15.117	225	13095	20.369	ug/l	98
95) Naphthalene	15.245	128	36940	19.580	ug/l	100
96) 1,2,3-Trichlorobenzene	15.434	180	17827	20.060	ug/l	95

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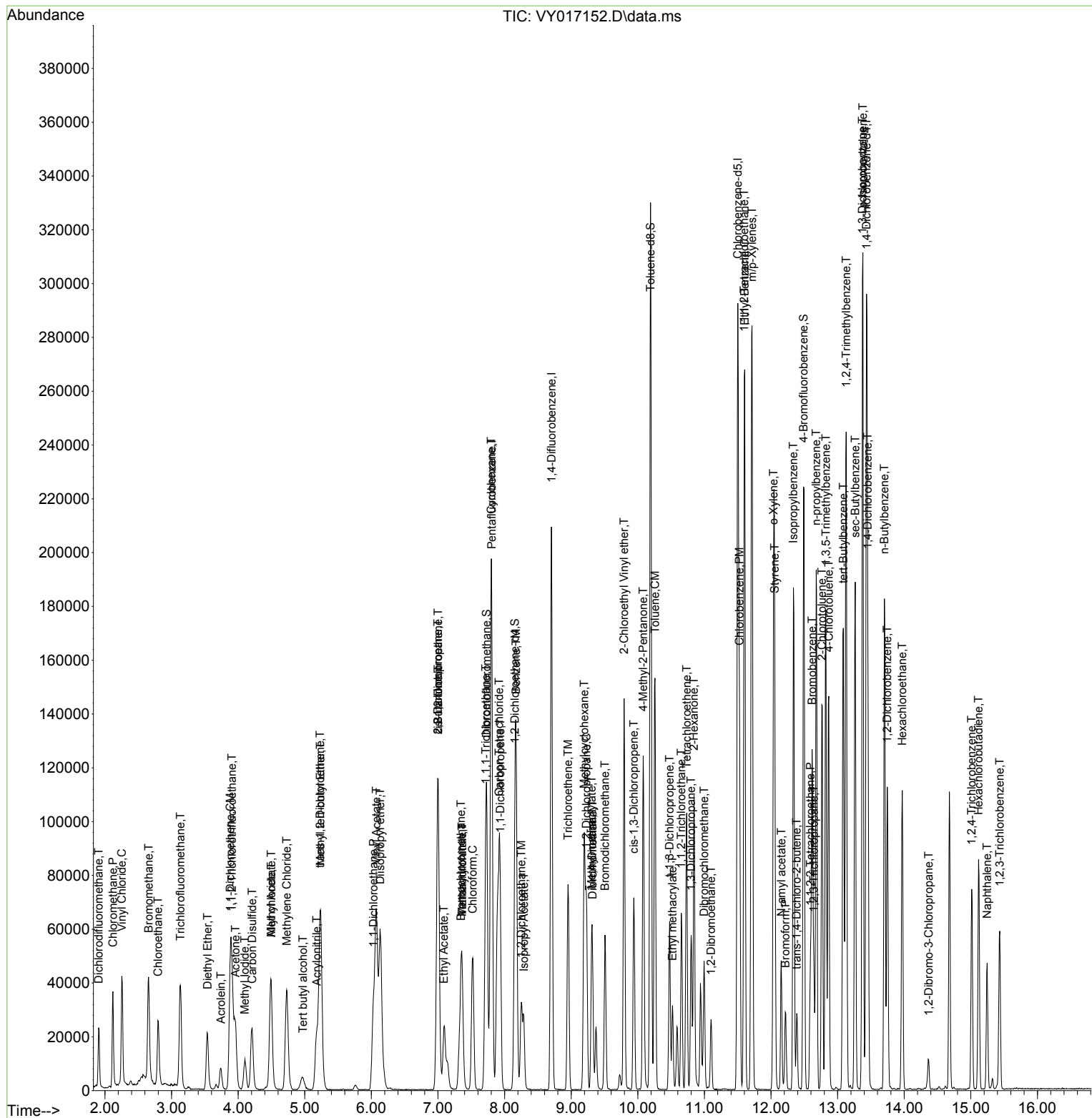
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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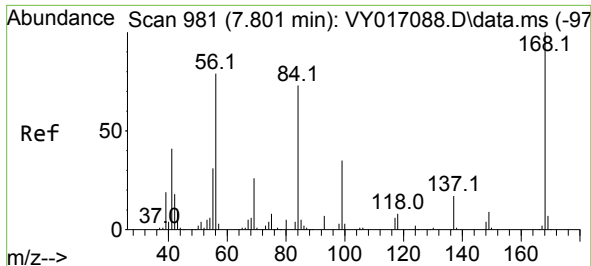
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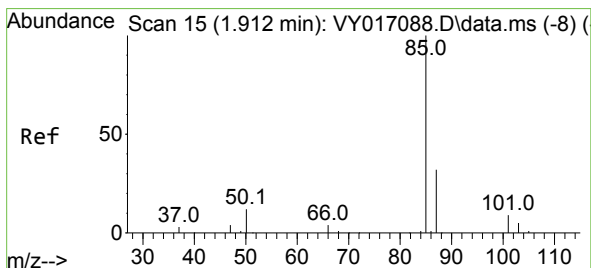
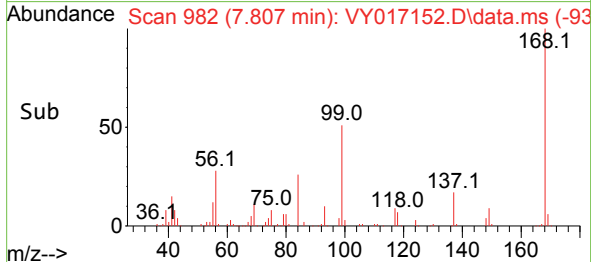
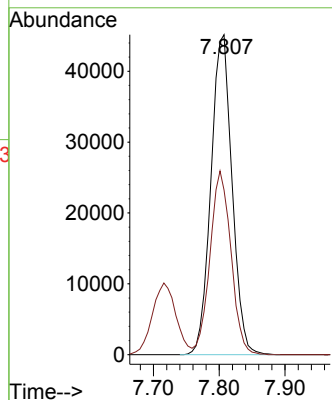
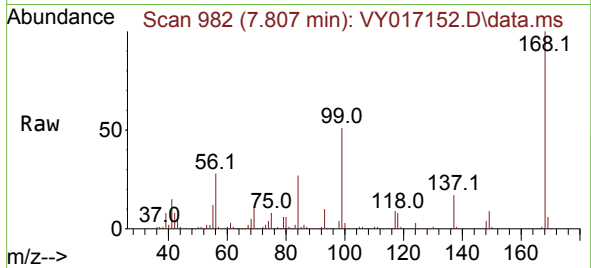




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.006 min
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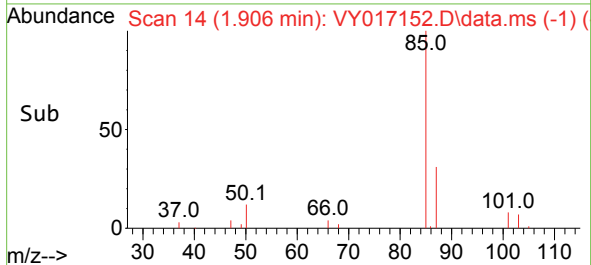
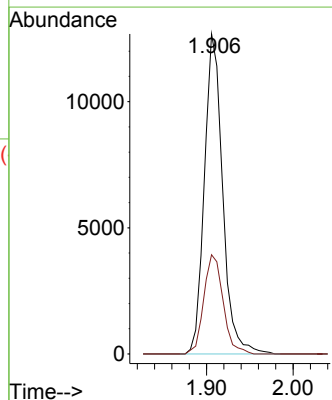
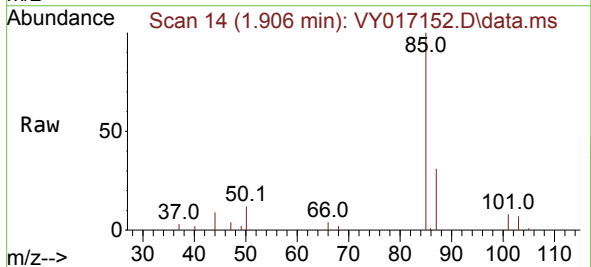
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

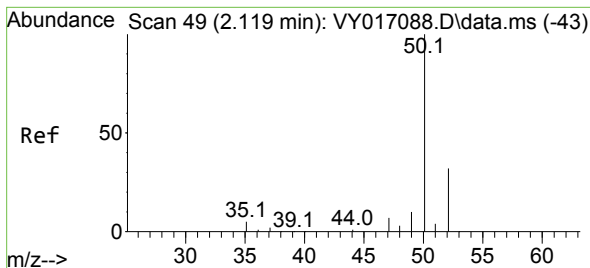
Tgt Ion:168 Resp: 100919
Ion Ratio Lower Upper
168 100
99 51.5 44.2 66.4



#2
Dichlorodifluoromethane
Concen: 22.371 ug/l
RT: 1.906 min Scan# 14
Delta R.T. -0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 85 Resp: 18591
Ion Ratio Lower Upper
85 100
87 31.0 17.1 51.3





#3

Chloromethane

Concen: 21.168 ug/l

RT: 2.119 min Scan# 49

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

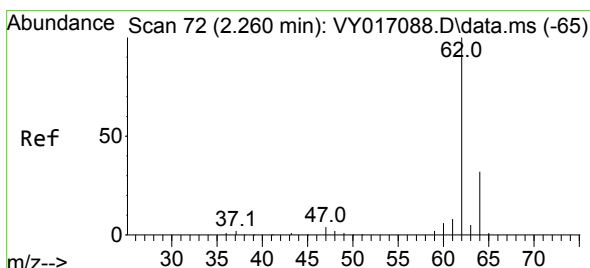
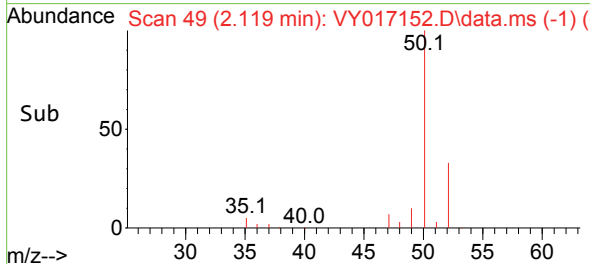
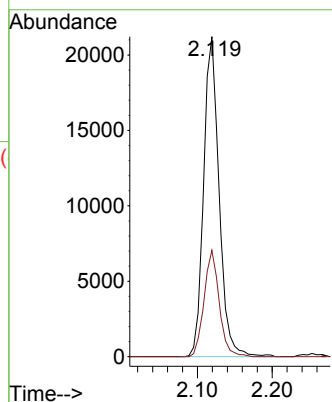
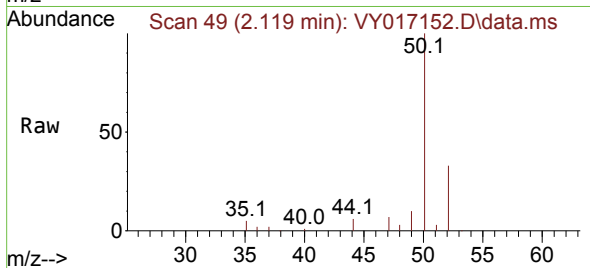
VY0131SBS01

Tgt Ion: 50 Resp: 30512

Ion Ratio Lower Upper

50 100

52 33.2 26.7 40.1



#4

Vinyl Chloride

Concen: 23.192 ug/l

RT: 2.253 min Scan# 71

Delta R.T. -0.006 min

Lab File: VY017152.D

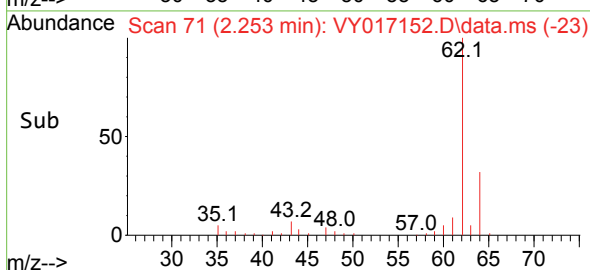
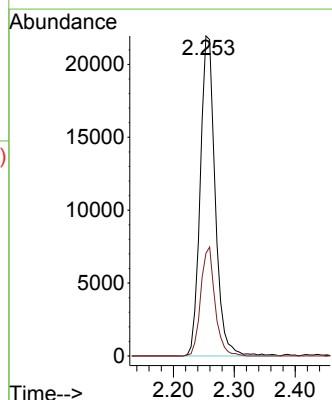
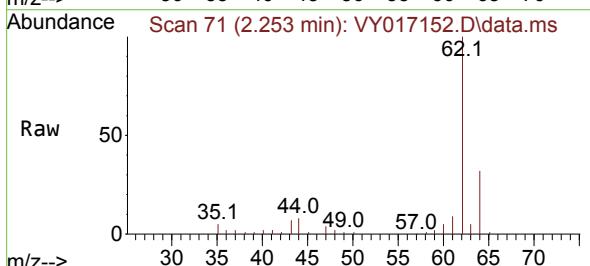
Acq: 31 Jan 2024 11:35

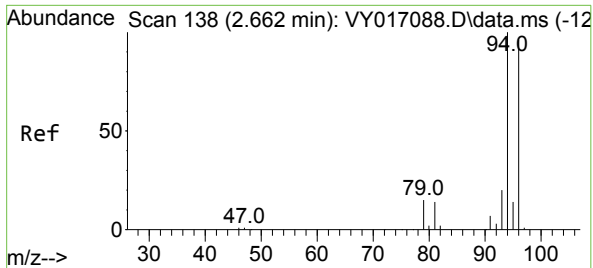
Tgt Ion: 62 Resp: 37414

Ion Ratio Lower Upper

62 100

64 32.1 25.7 38.5





#5

Bromomethane

Concen: 24.531 ug/l

RT: 2.656 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

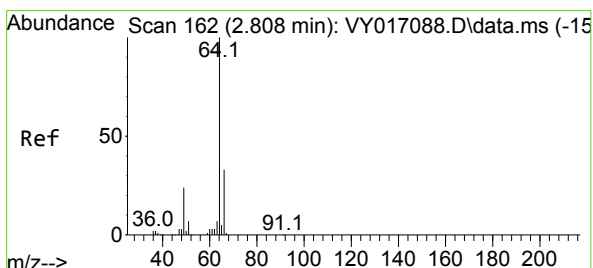
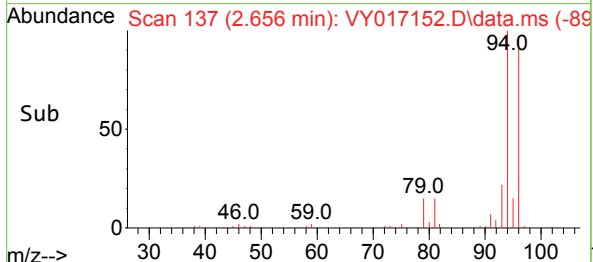
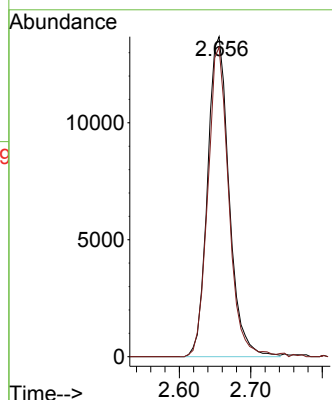
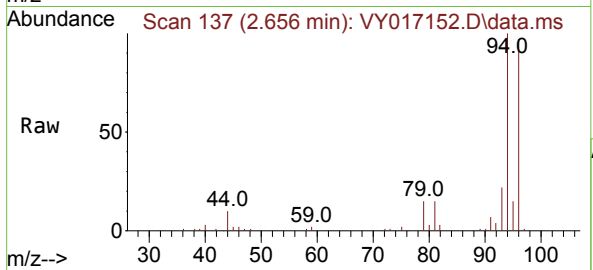
VY0131SBS01

Tgt Ion: 94 Resp: 28708

Ion Ratio Lower Upper

94 100

96 96.7 77.3 115.9



#6

Chloroethane

Concen: 23.728 ug/l

RT: 2.796 min Scan# 160

Delta R.T. -0.012 min

Lab File: VY017152.D

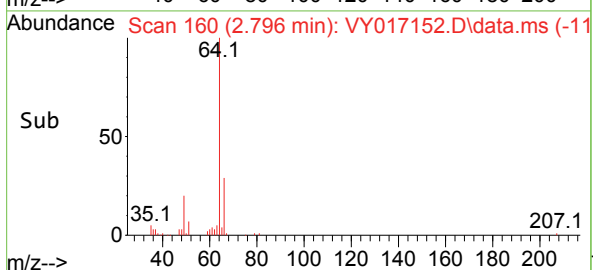
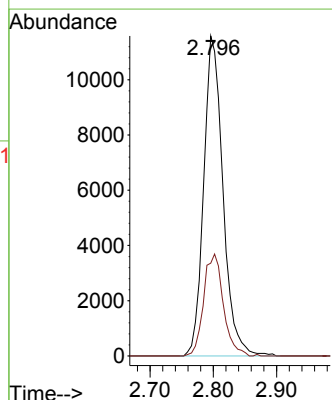
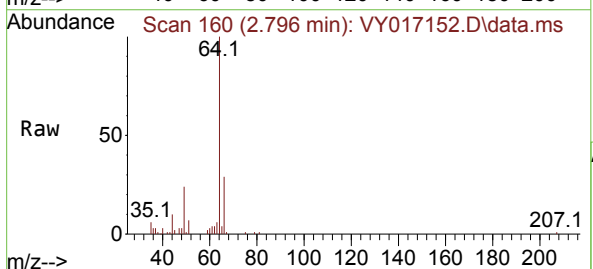
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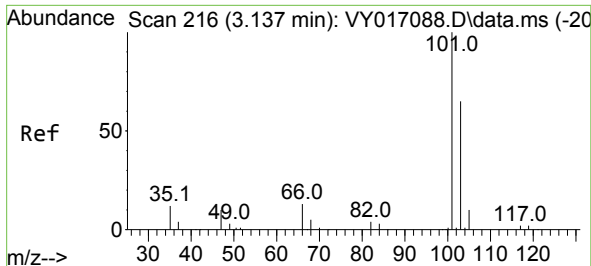
Tgt Ion: 64 Resp: 24572

Ion Ratio Lower Upper

64 100

66 29.0 25.1 37.7

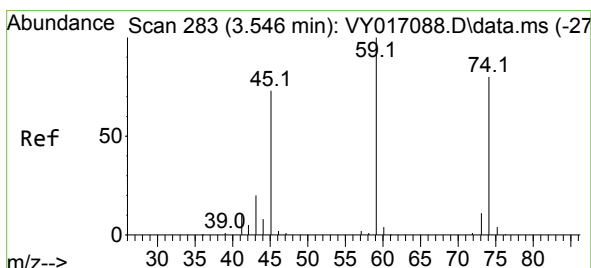
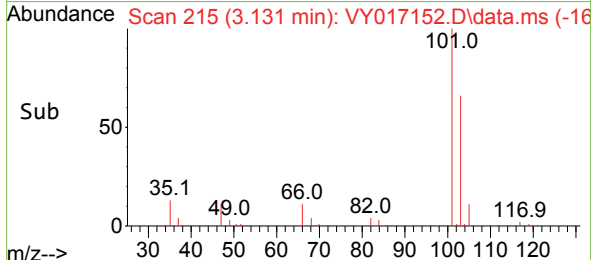
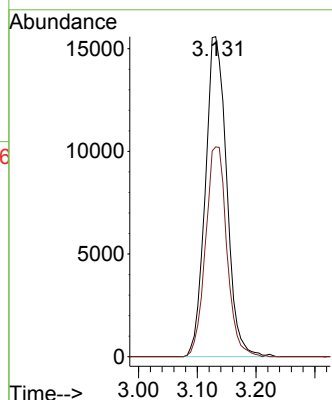
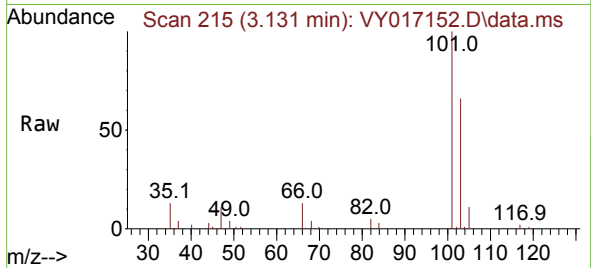




#7
 Trichlorofluoromethane
 Concen: 21.682 ug/l
 RT: 3.131 min Scan# 216
 Delta R.T. -0.006 min
 Lab File: VY017152.D
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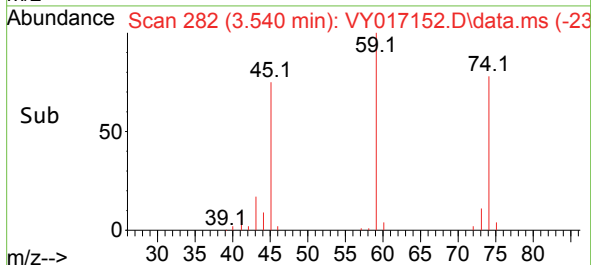
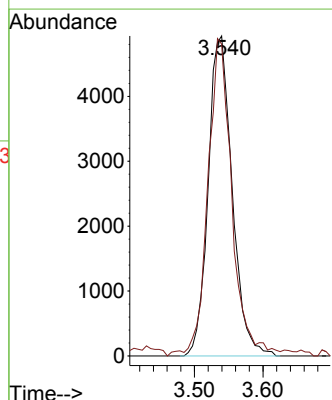
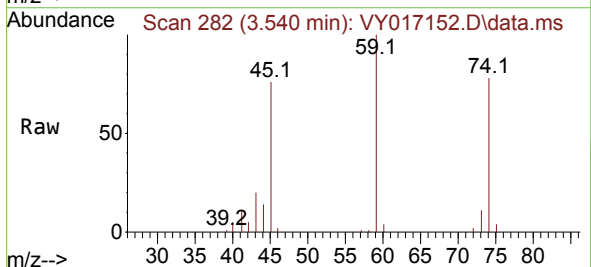
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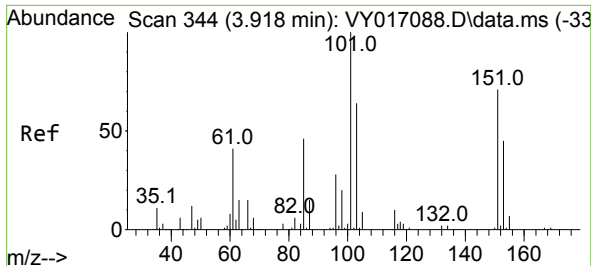
Tgt Ion:101 Resp: 39338
 Ion Ratio Lower Upper
 101 100
 103 65.5 51.9 77.9



#8
 Diethyl Ether
 Concen: 20.626 ug/l
 RT: 3.540 min Scan# 282
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 11993
 Ion Ratio Lower Upper
 74 100
 45 99.1 47.9 143.7

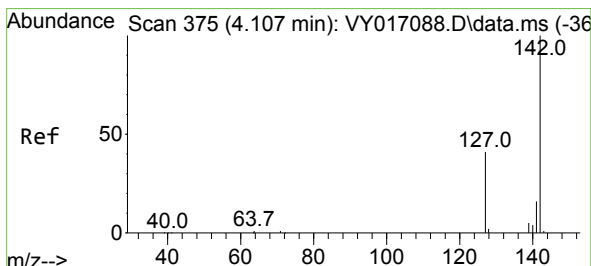
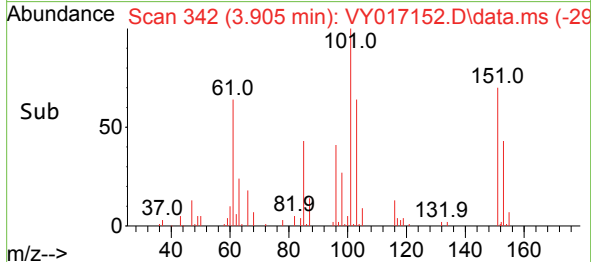
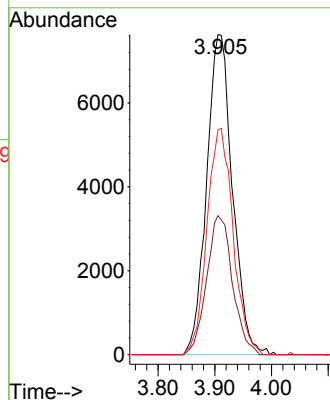
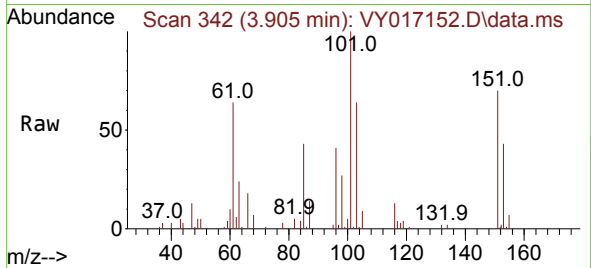




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.381 ug/l
RT: 3.905 min Scan# 34
Delta R.T. -0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

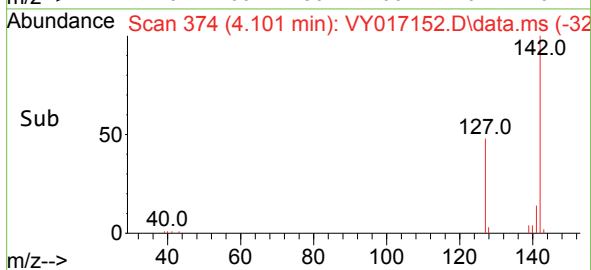
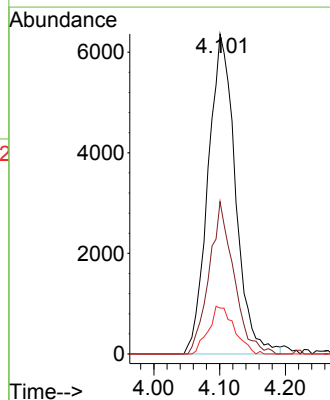
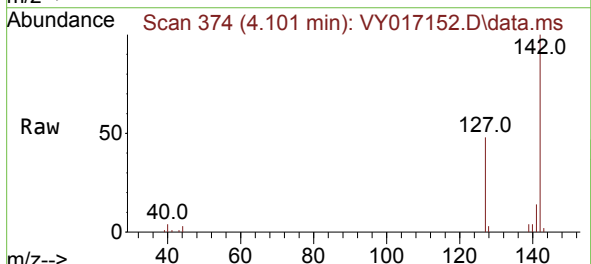
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

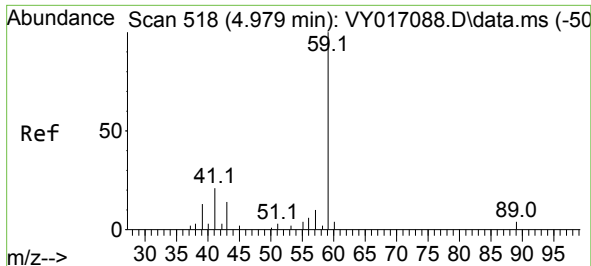
Tgt Ion:101	Resp:	24135
Ion	Ratio	Lower Upper
101	100	
85	43.6	35.8 53.6
151	71.6	58.6 88.0



#10
Methyl Iodide
Concen: 17.142 ug/l
RT: 4.101 min Scan# 374
Delta R.T. -0.005 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion:142	Resp:	18383
Ion	Ratio	Lower Upper
142	100	
127	43.1	35.1 52.7
141	14.1	11.8 17.6

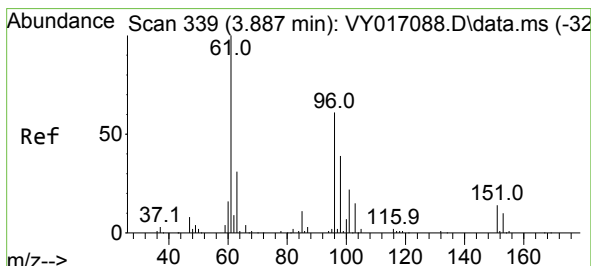
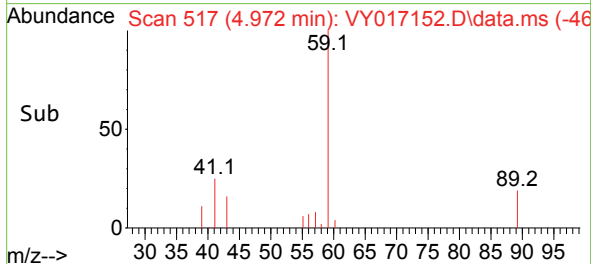
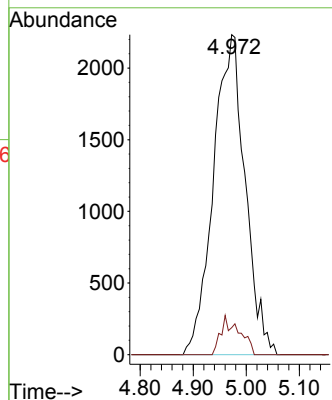
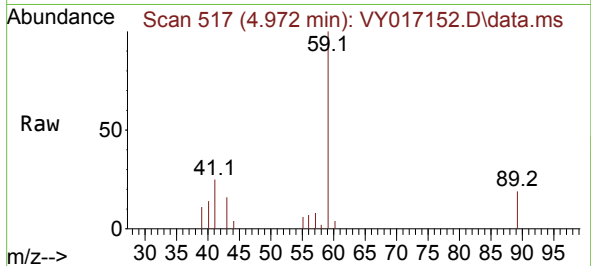




#11
Tert butyl alcohol
Concen: 123.025 ug/l
RT: 4.972 min Scan# 518
Delta R.T. 0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

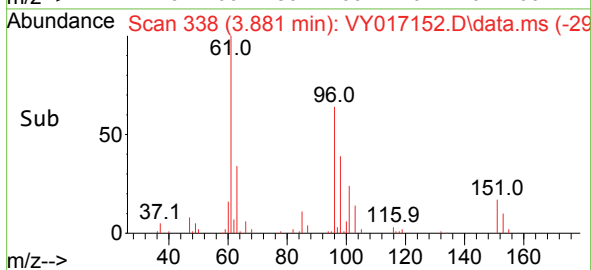
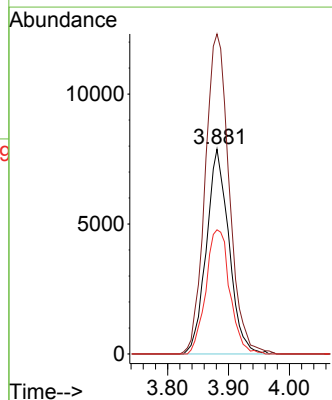
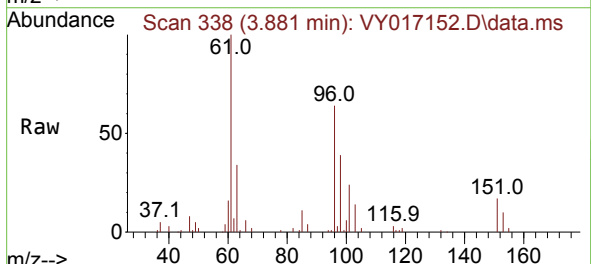
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

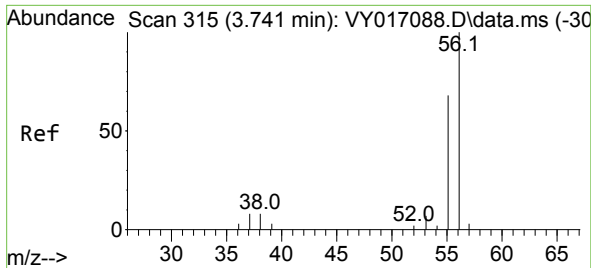
Tgt Ion: 59 Resp: 9263
Ion Ratio Lower Upper
59 100
57 7.1 7.4 11.0#



#12
1,1-Dichloroethene
Concen: 19.628 ug/l
RT: 3.881 min Scan# 338
Delta R.T. -0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 96 Resp: 20282
Ion Ratio Lower Upper
96 100
61 156.2 124.2 186.2
98 60.6 52.6 79.0





#13

Acrolein

Concen: 82.613 ug/l

RT: 3.741 min Scan# 315

Delta R.T. -0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

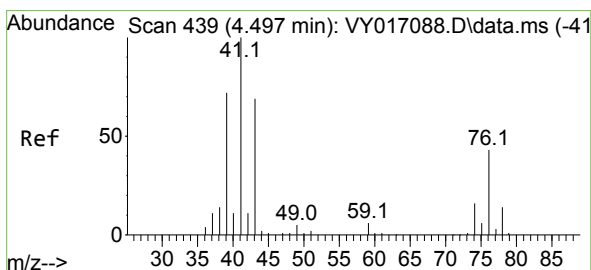
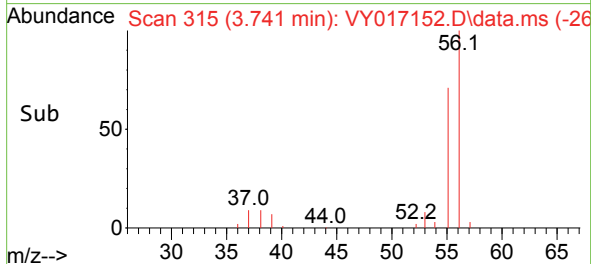
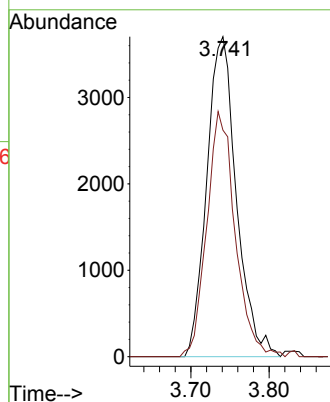
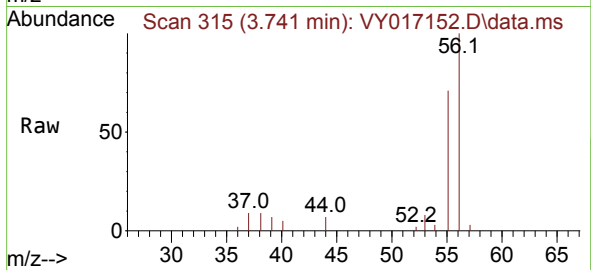
VY0131SBS01

Tgt Ion: 56 Resp: 9742

Ion Ratio Lower Upper

56 100

55 73.3 55.4 83.0



#14

Allyl chloride

Concen: 20.828 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

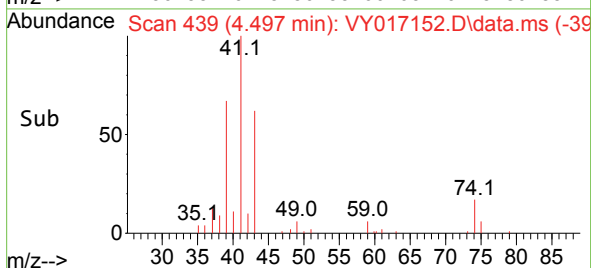
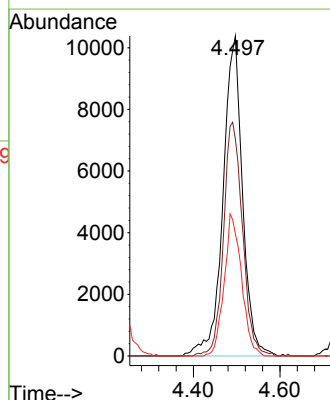
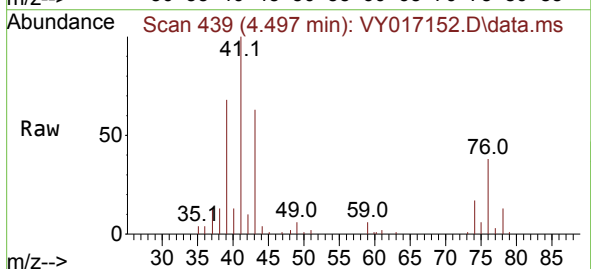
Tgt Ion: 41 Resp: 32530

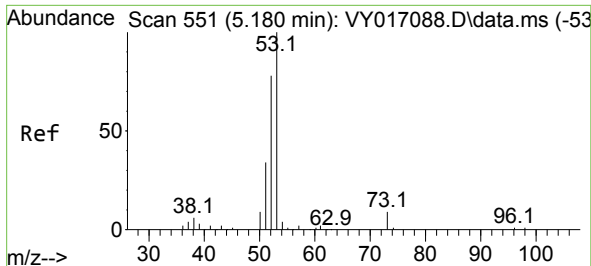
Ion Ratio Lower Upper

41 100

39 71.1 54.7 82.1

76 39.6 31.8 47.6

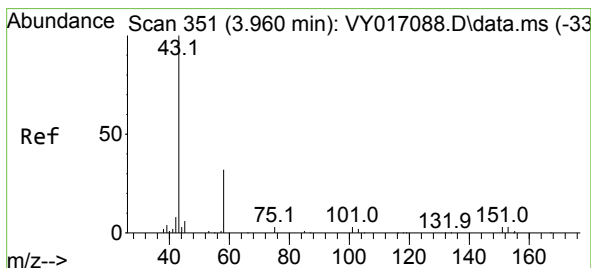
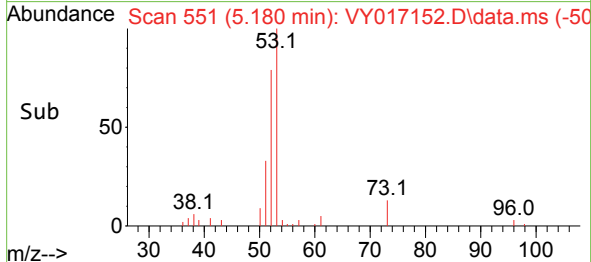
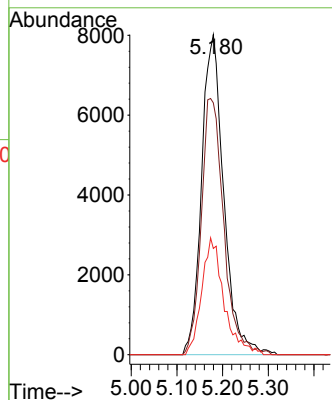
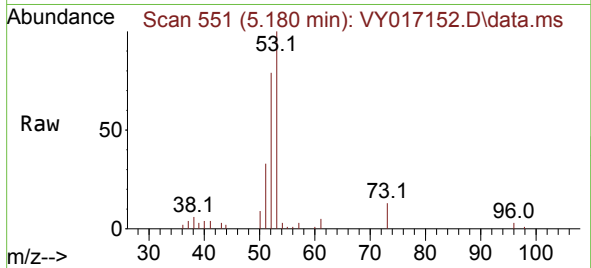




#15
Acrylonitrile
Concen: 106.948 ug/l
RT: 5.180 min Scan# 51
Delta R.T. 0.001 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

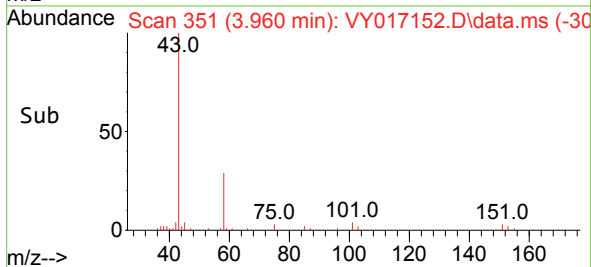
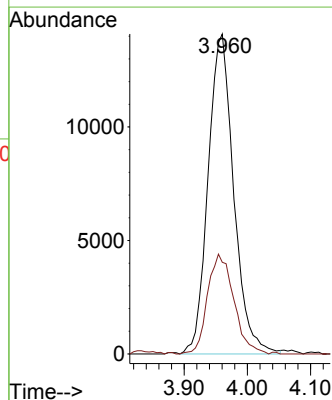
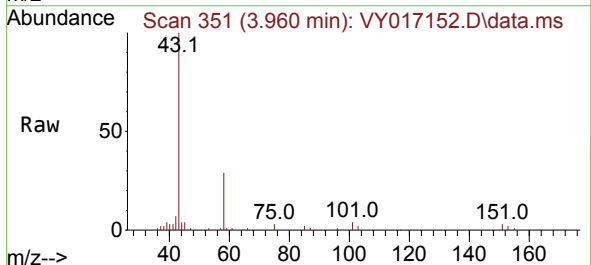
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

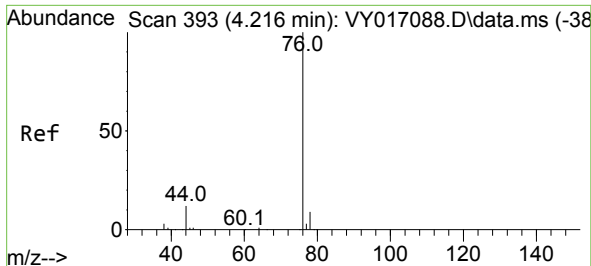
Tgt Ion:	53	Resp:	26989
Ion	Ratio	Lower	Upper
53	100		
52	81.1	65.1	97.7
51	36.6	29.0	43.4



#16
Acetone
Concen: 133.345 ug/l
RT: 3.960 min Scan# 351
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion:	43	Resp:	39674
Ion	Ratio	Lower	Upper
43	100		
58	28.6	26.6	39.8





#17

Carbon Disulfide

Concen: 14.930 ug/l

RT: 4.210 min Scan# 393

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

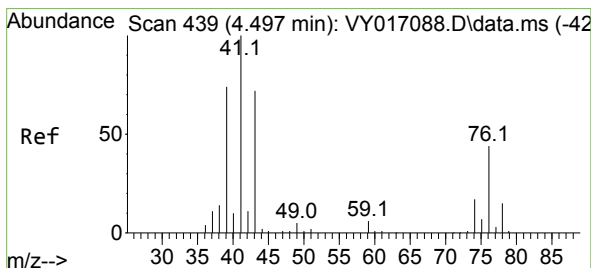
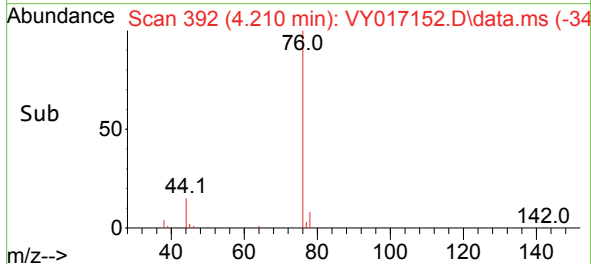
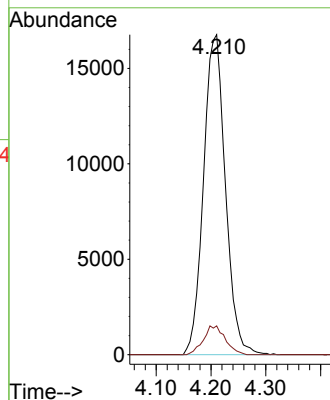
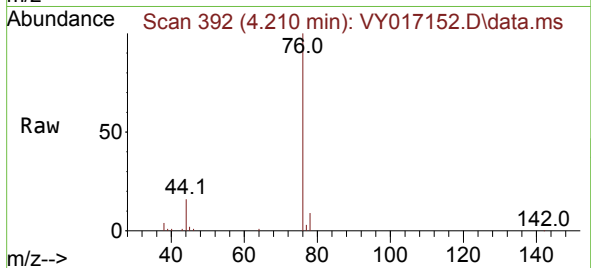
VY0131SBS01

Tgt Ion: 76 Resp: 46496

Ion Ratio Lower Upper

76 100

78 9.0 7.4 11.0



#18

Methyl Acetate

Concen: 20.705 ug/l

RT: 4.497 min Scan# 439

Delta R.T. -0.000 min

Lab File: VY017152.D

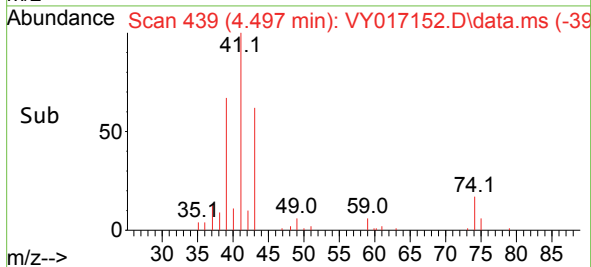
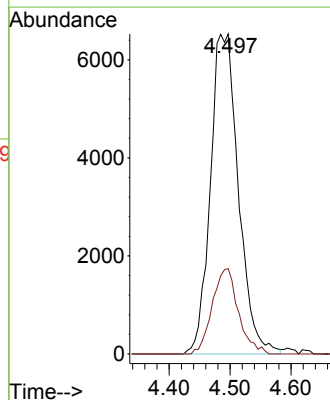
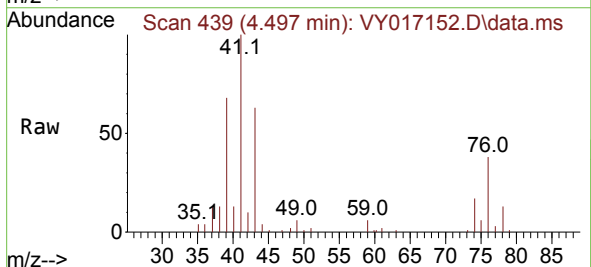
Acq: 31 Jan 2024 11:35

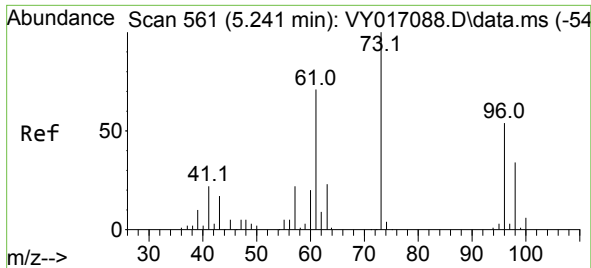
Tgt Ion: 43 Resp: 20885

Ion Ratio Lower Upper

43 100

74 24.8 19.8 29.6

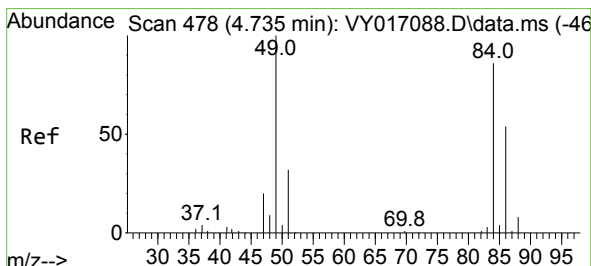
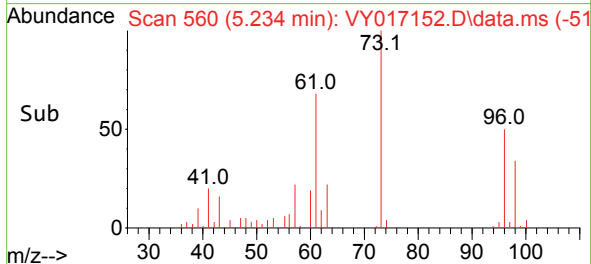
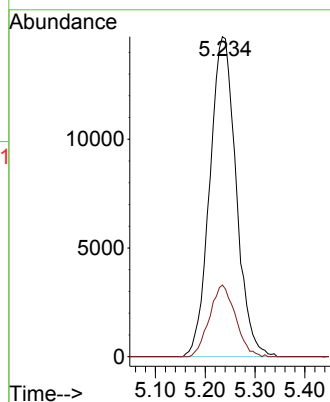
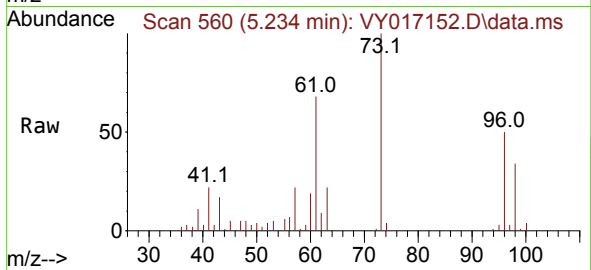




#19
Methyl tert-butyl Ether
Concen: 21.427 ug/l
RT: 5.234 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

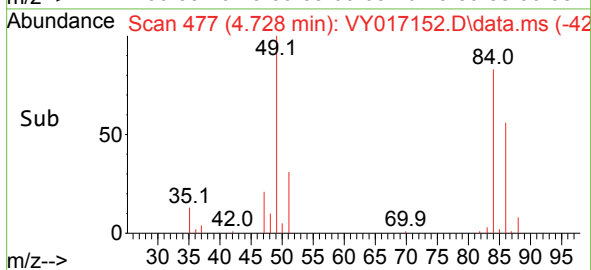
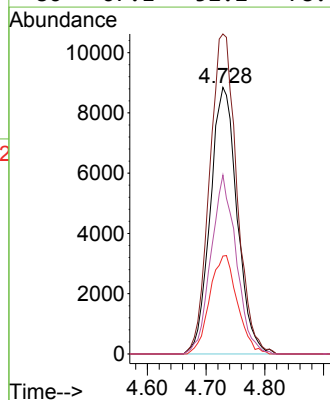
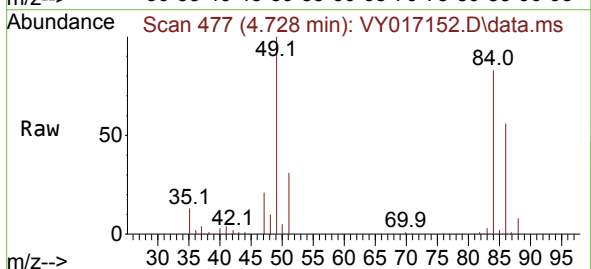
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

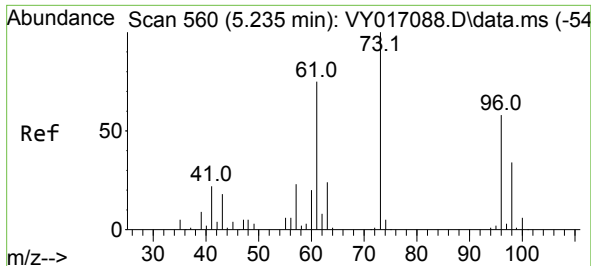
Tgt Ion: 73 Resp: 54027
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 22.289 ug/l
RT: 4.728 min Scan# 477
Delta R.T. -0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 84 Resp: 28050
Ion Ratio Lower Upper
84 100
49 120.1 95.2 142.8
51 36.8 29.9 44.9
86 67.1 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 19.449 ug/l

RT: 5.228 min Scan# 51

Delta R.T. -0.012 min

Lab File: VY017152.D

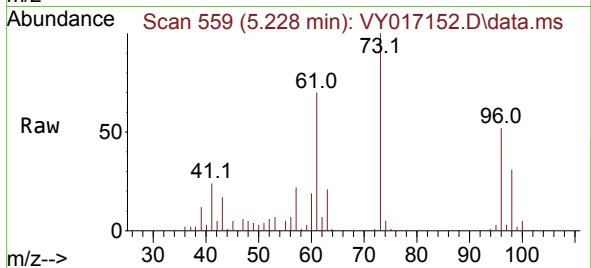
Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01



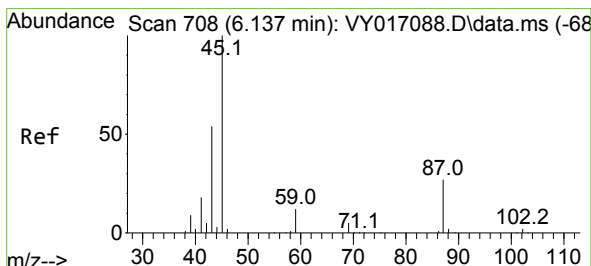
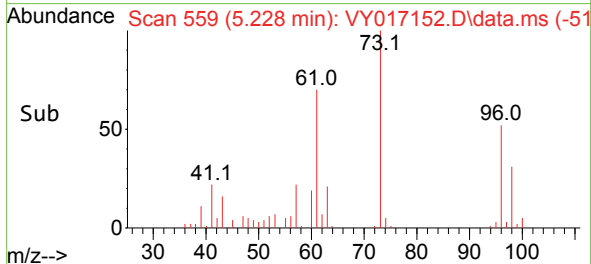
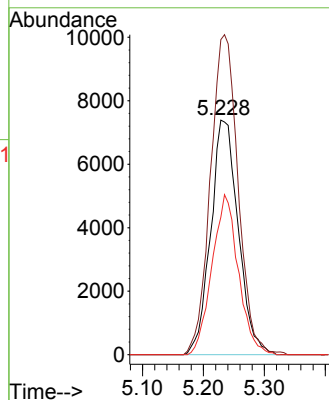
Tgt Ion: 96 Resp: 23245

Ion Ratio Lower Upper

96 100

61 134.3 104.6 156.8

98 58.6 50.9 76.3



#22

Diisopropyl ether

Concen: 22.818 ug/l

RT: 6.131 min Scan# 707

Delta R.T. -0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Tgt Ion: 45 Resp: 78663

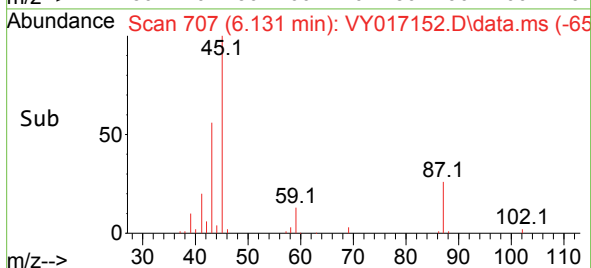
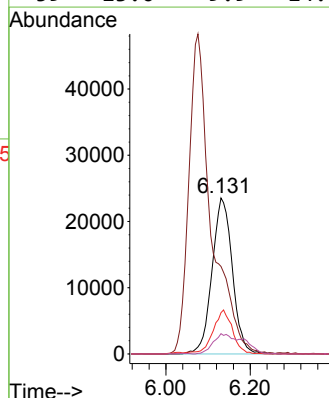
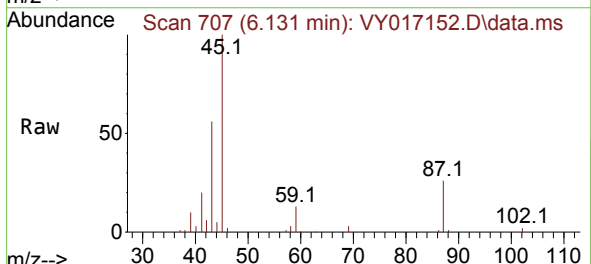
Ion Ratio Lower Upper

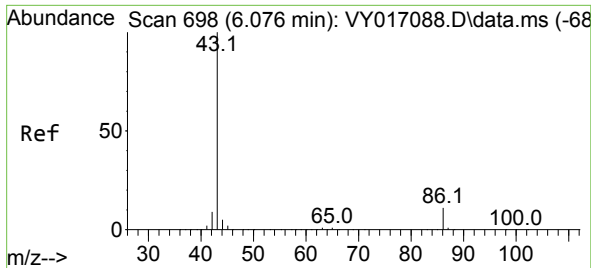
45 100

43 55.3 46.8 70.2

87 26.5 22.2 33.2

59 13.0 9.9 14.9

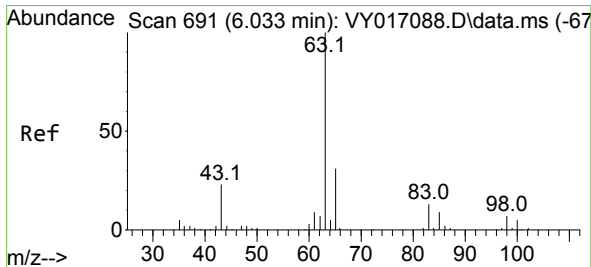
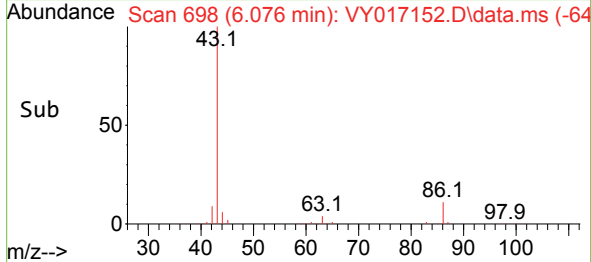
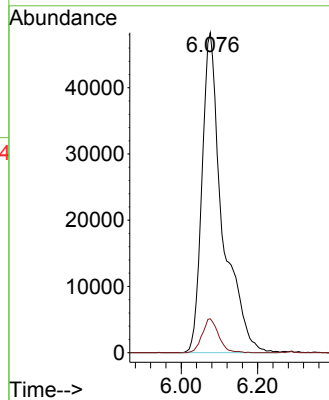
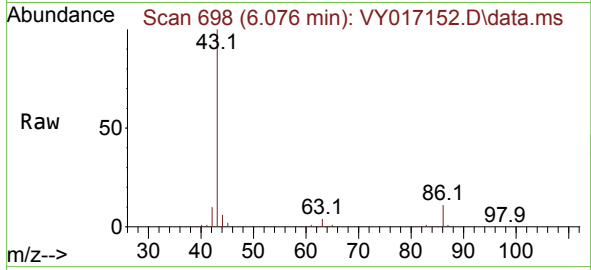




#23
Vinyl Acetate
Concen: 107.260 ug/l
RT: 6.076 min Scan# 698
Delta R.T. -0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

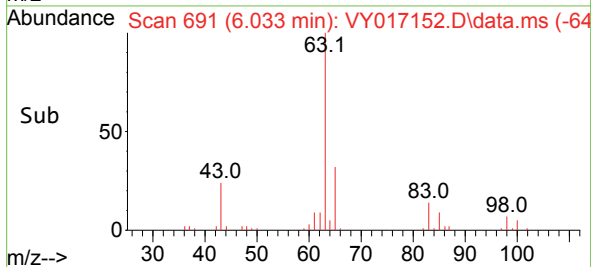
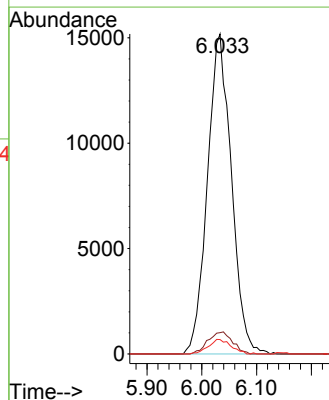
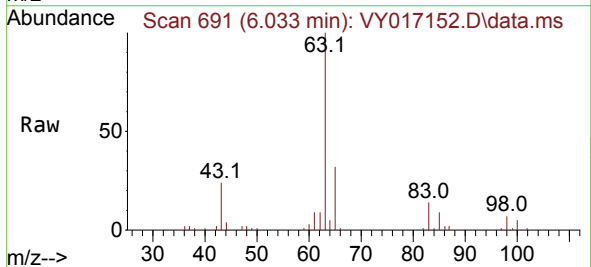
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

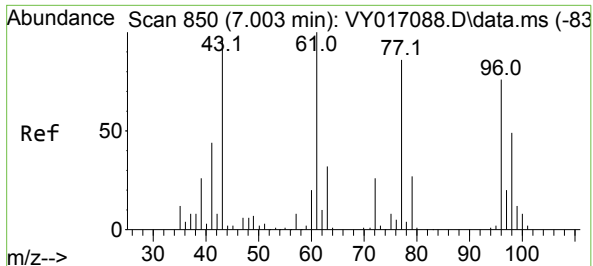
Tgt Ion: 43 Resp: 179371
Ion Ratio Lower Upper
43 100
86 10.6 8.6 13.0



#24
1,1-Dichloroethane
Concen: 21.944 ug/l
RT: 6.033 min Scan# 691
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 63 Resp: 46143
Ion Ratio Lower Upper
63 100
98 6.7 3.8 11.4
100 4.5 2.1 6.2

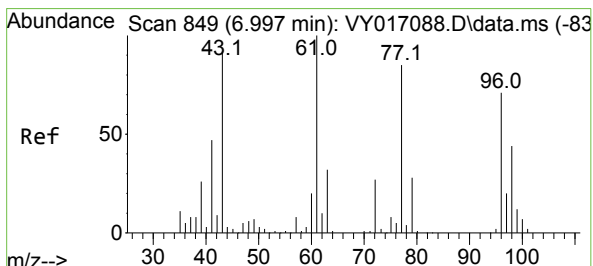
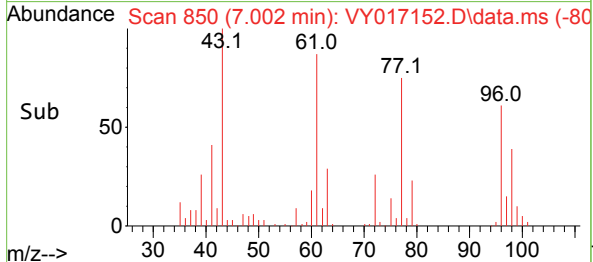
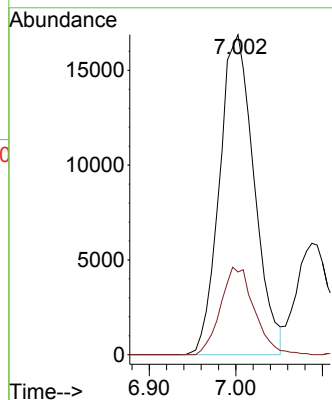
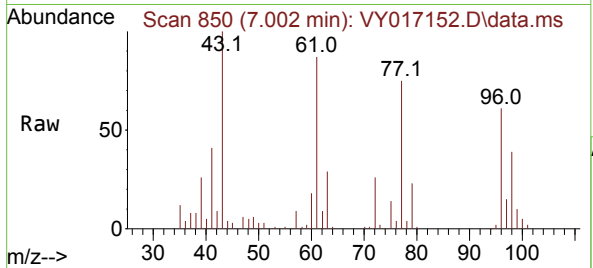




#25
2-Butanone
Concen: 119.351 ug/l
RT: 7.002 min Scan# 850
Delta R.T. 0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

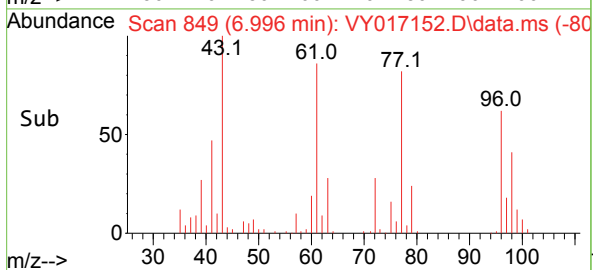
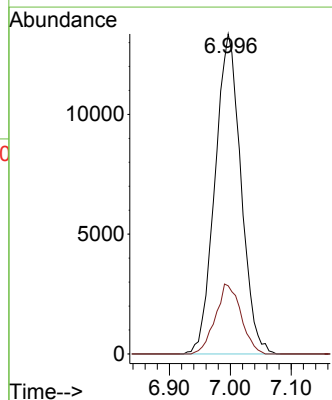
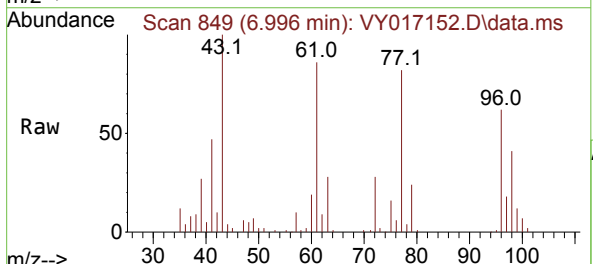
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

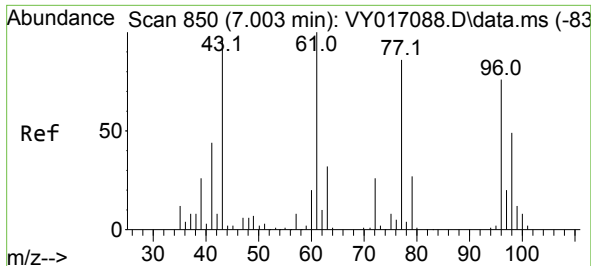
Tgt Ion: 43 Resp: 46957
Ion Ratio Lower Upper
43 100
72 25.8 21.4 32.2



#26
2,2-Dichloropropane
Concen: 21.991 ug/l
RT: 6.996 min Scan# 849
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 77 Resp: 39496
Ion Ratio Lower Upper
77 100
97 21.5 11.7 35.0

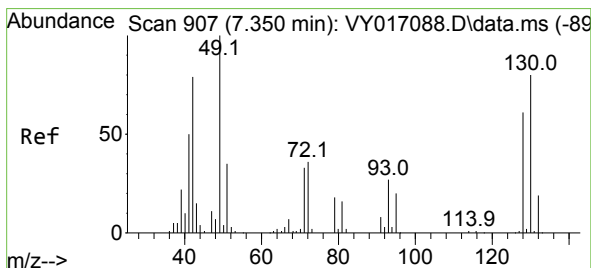
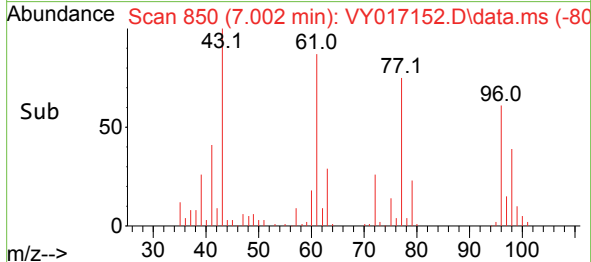
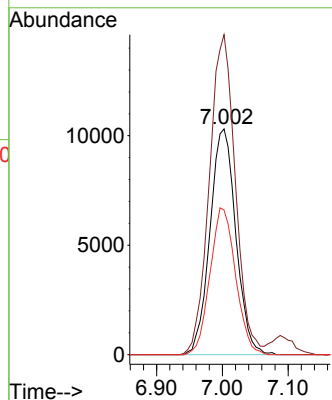
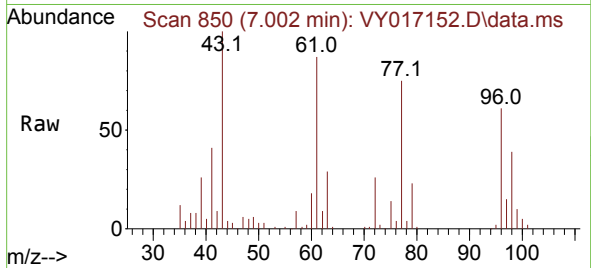




#27
 cis-1,2-Dichloroethene
 Concen: 21.349 ug/l
 RT: 7.002 min Scan# 850
 Delta R.T. 0.000 min
 Lab File: VY017152.D
 Acq: 31 Jan 2024 11:35

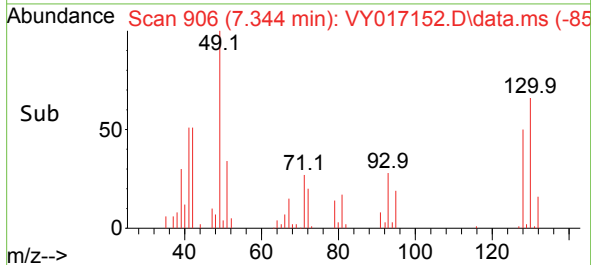
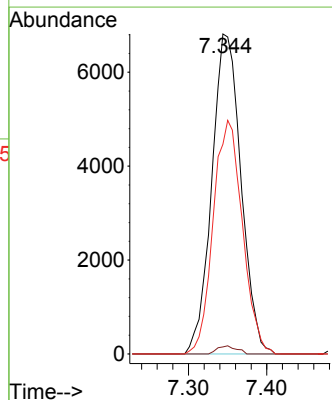
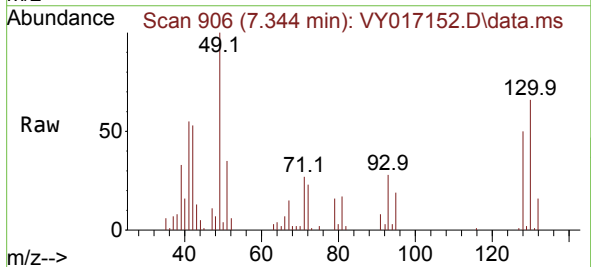
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

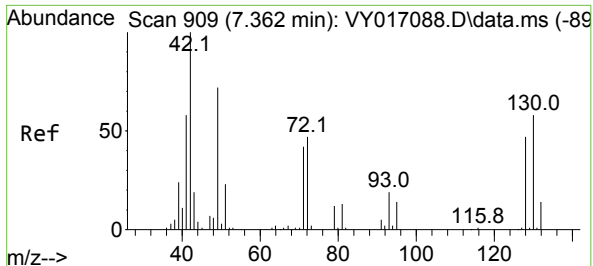
Tgt Ion: 96 Resp: 28276
 Ion Ratio Lower Upper
 96 100
 61 142.5 0.0 278.8
 98 64.2 0.0 127.0



#28
 Bromochloromethane
 Concen: 21.144 ug/l
 RT: 7.344 min Scan# 906
 Delta R.T. -0.006 min
 Lab File: VY017152.D
 Acq: 31 Jan 2024 11:35

Tgt Ion: 49 Resp: 17700
 Ion Ratio Lower Upper
 49 100
 129 1.7 0.0 3.8
 130 72.8 59.8 89.8





#29

Tetrahydrofuran

Concen: 107.407 ug/l

RT: 7.362 min Scan# 909

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

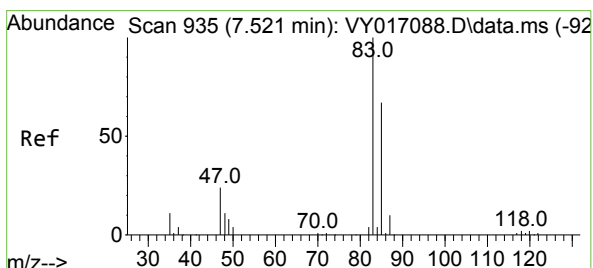
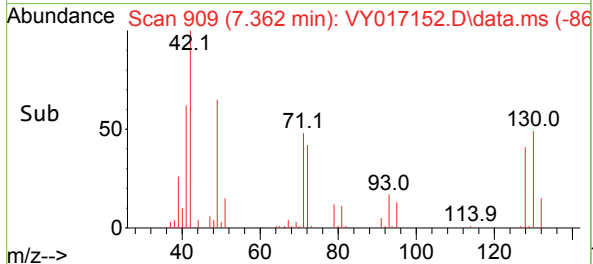
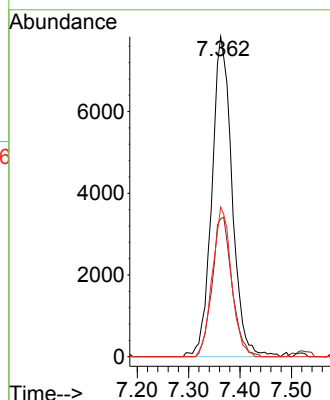
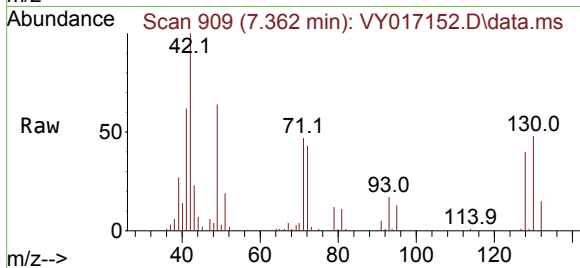
Tgt Ion: 42 Resp: 21415

Ion Ratio Lower Upper

42 100

72 42.9 36.6 54.8

71 43.8 33.8 50.6



#30

Chloroform

Concen: 22.219 ug/l

RT: 7.521 min Scan# 935

Delta R.T. -0.000 min

Lab File: VY017152.D

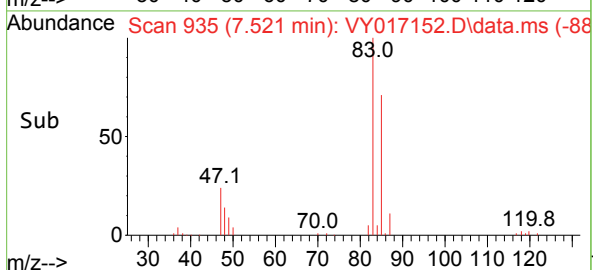
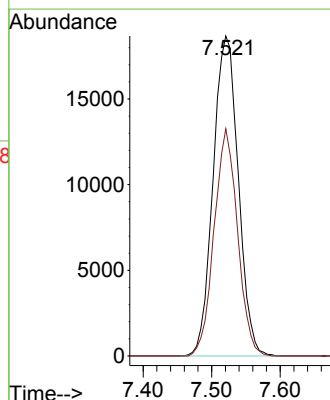
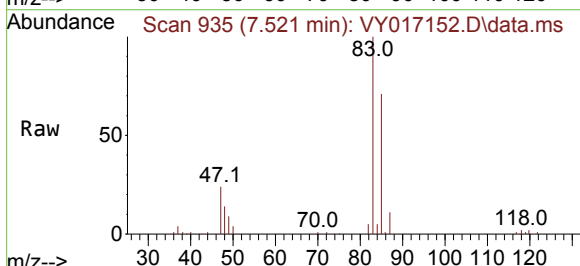
Acq: 31 Jan 2024 11:35

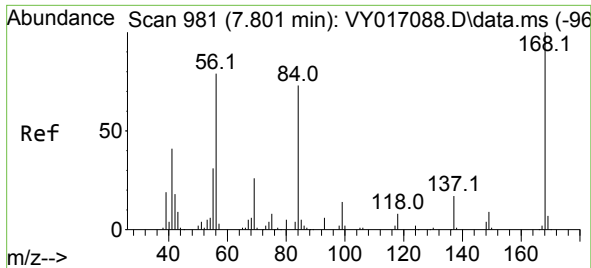
Tgt Ion: 83 Resp: 47574

Ion Ratio Lower Upper

83 100

85 71.0 51.2 76.8

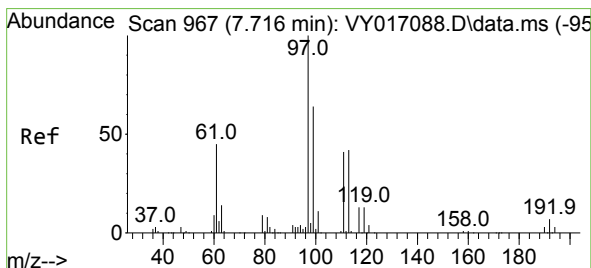
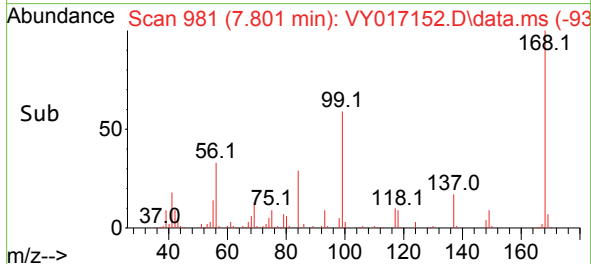
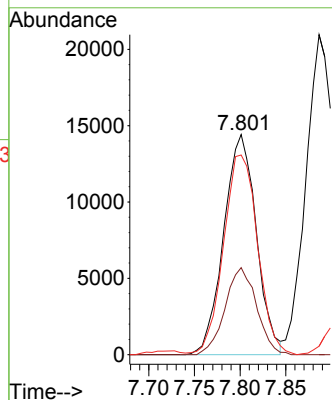
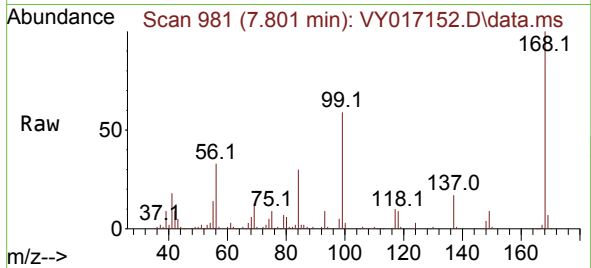




#31
Cyclohexane
Concen: 18.603 ug/l
RT: 7.801 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

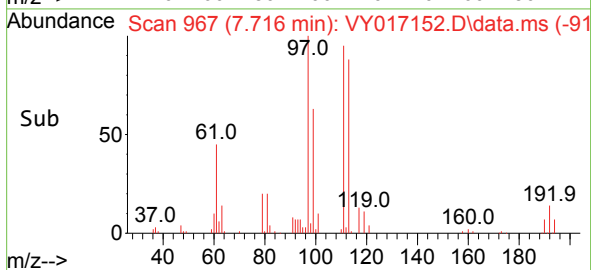
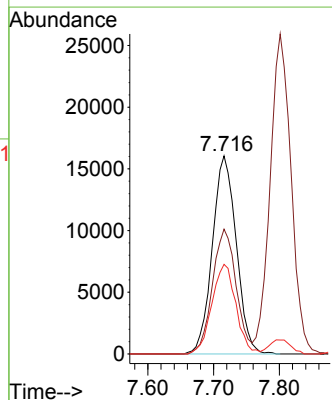
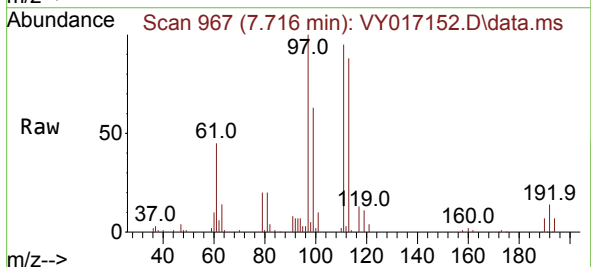
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

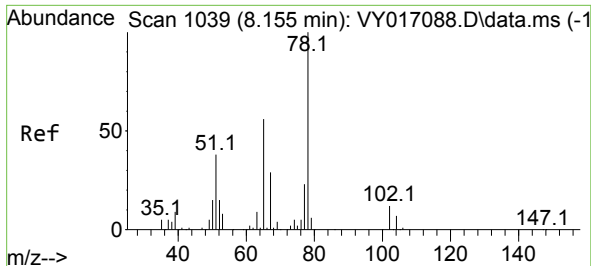
Tgt Ion: 56 Resp: 35898
Ion Ratio Lower Upper
56 100
69 39.6 27.0 40.6
84 89.7 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 22.135 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 97 Resp: 40640
Ion Ratio Lower Upper
97 100
99 62.6 51.2 76.8
61 45.5 35.0 52.6





#33

1,2-Dichloroethane-d4

Concen: 55.130 ug/l

RT: 8.155 min Scan# 1103

Delta R.T. -0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

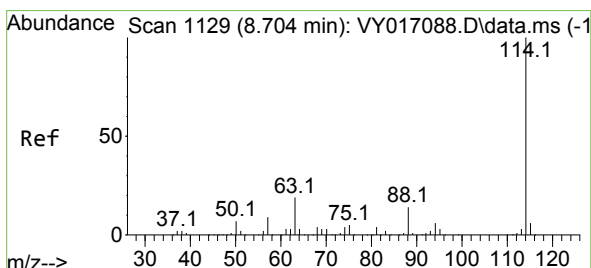
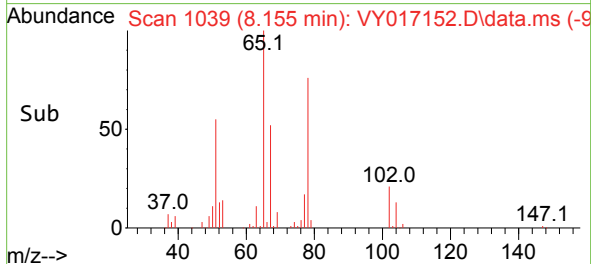
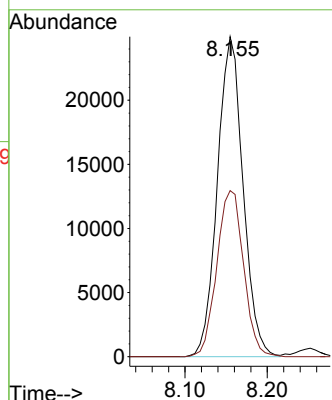
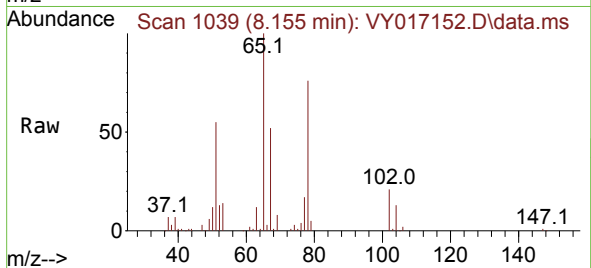
VY0131SBS01

Tgt Ion: 65 Resp: 54207

Ion Ratio Lower Upper

65 100

67 54.1 0.0 109.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

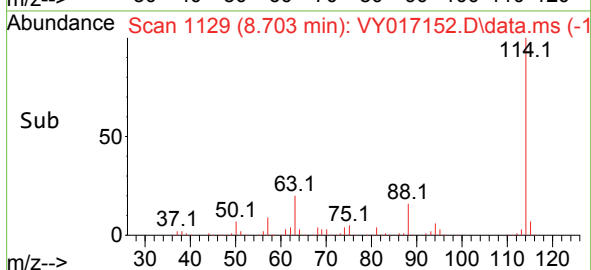
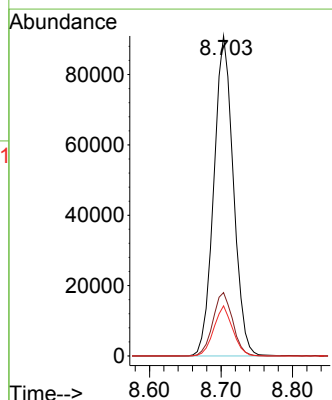
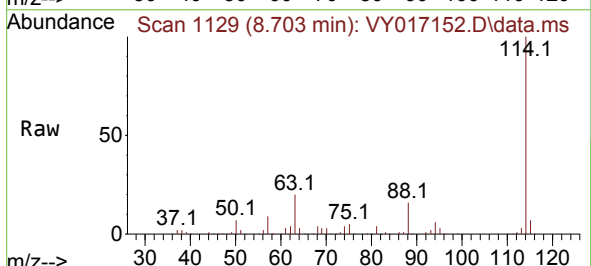
Tgt Ion: 114 Resp: 172534

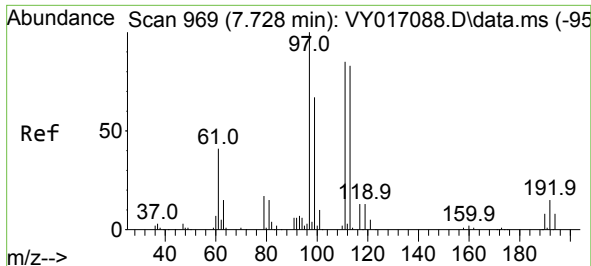
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.4

88 15.7 0.0 29.0

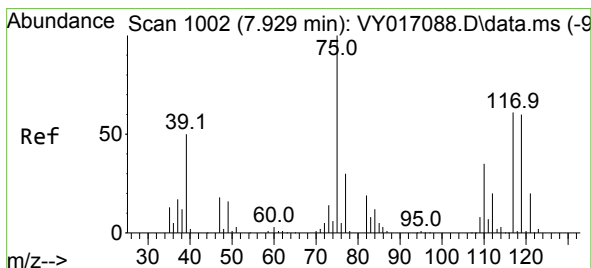
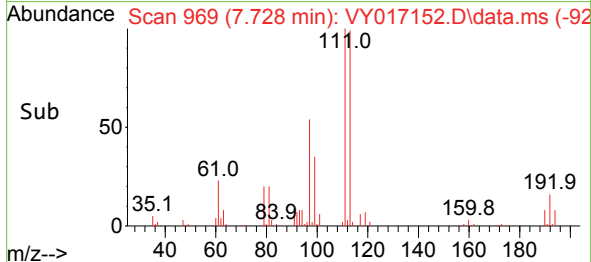
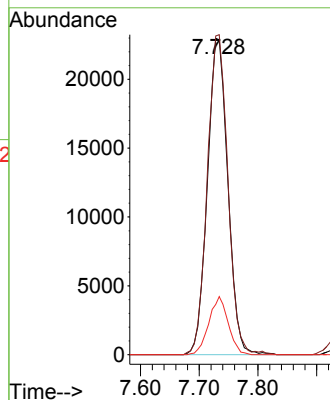
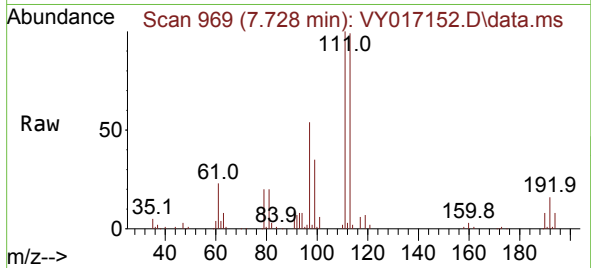




#35
Dibromofluoromethane
Concen: 53.209 ug/l
RT: 7.728 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

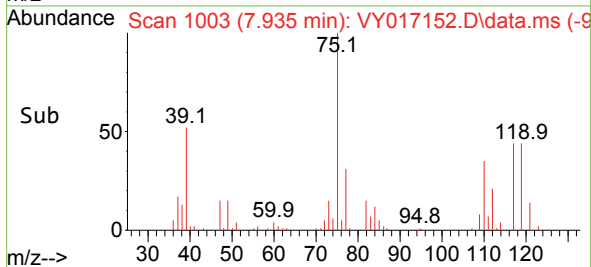
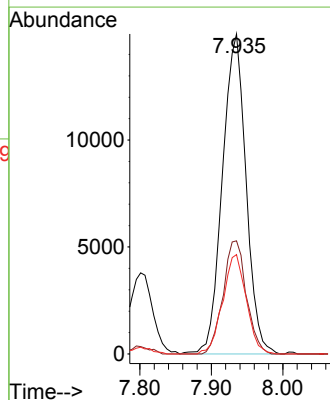
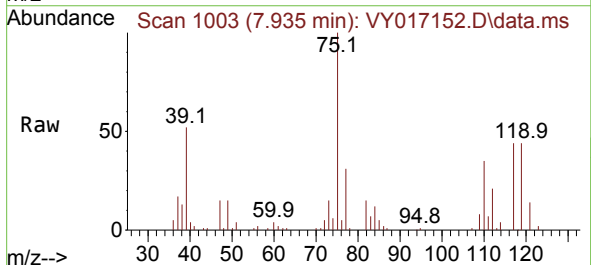
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

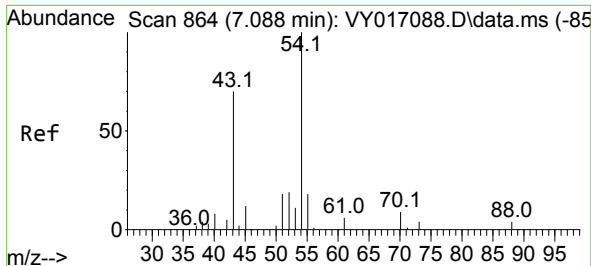
Tgt Ion:113 Resp: 55407
Ion Ratio Lower Upper
113 100
111 101.8 83.8 125.6
192 17.4 14.5 21.7



#36
1,1-Dichloropropene
Concen: 20.027 ug/l
RT: 7.935 min Scan# 1003
Delta R.T. 0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 75 Resp: 34312
Ion Ratio Lower Upper
75 100
110 34.9 17.4 52.3
77 31.0 24.7 37.1

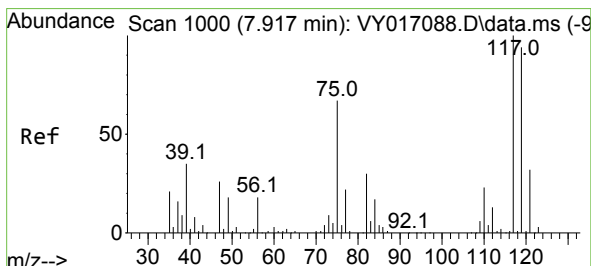
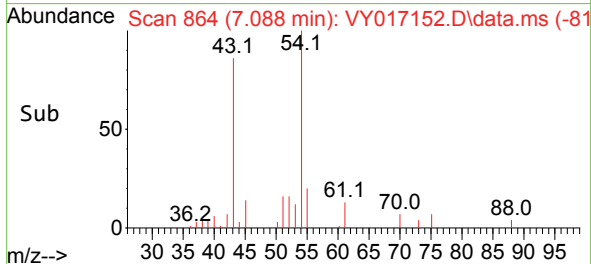
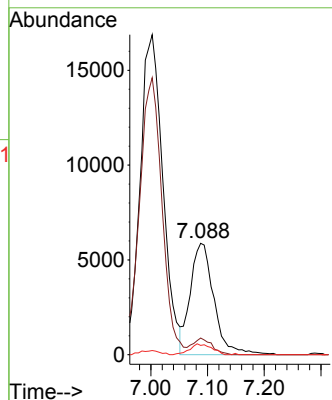
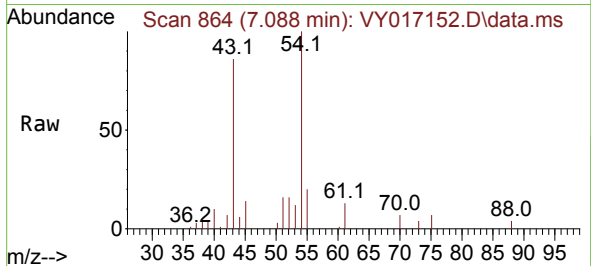




#37
Ethyl Acetate
Concen: 23.102 ug/l
RT: 7.088 min Scan# 864
Delta R.T. -0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

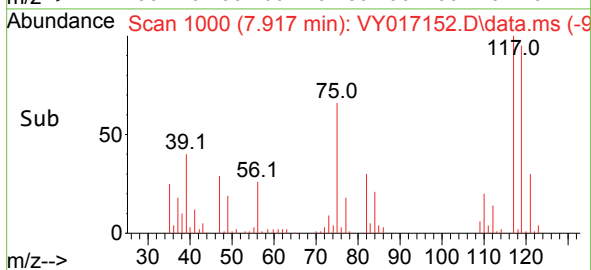
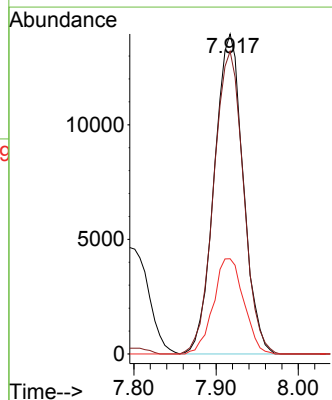
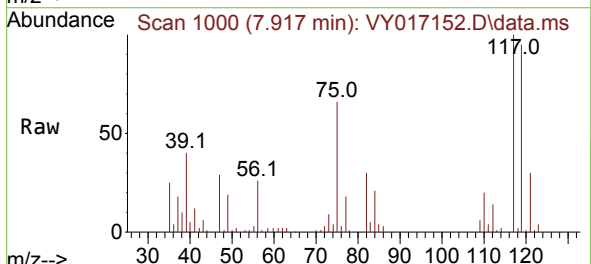
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

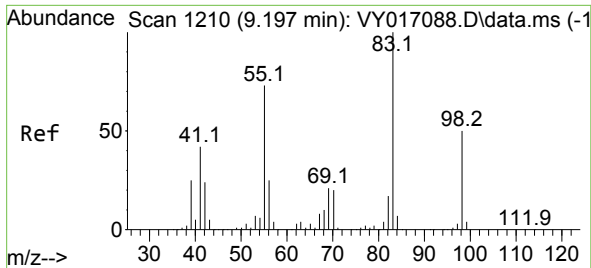
Tgt Ion: 43 Resp: 17019
Ion Ratio Lower Upper
43 100
61 12.0 11.0 16.6
70 8.9 8.1 12.1



#38
Carbon Tetrachloride
Concen: 20.327 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. -0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 117 Resp: 34128
Ion Ratio Lower Upper
117 100
119 94.6 76.0 114.0
121 29.8 24.2 36.2

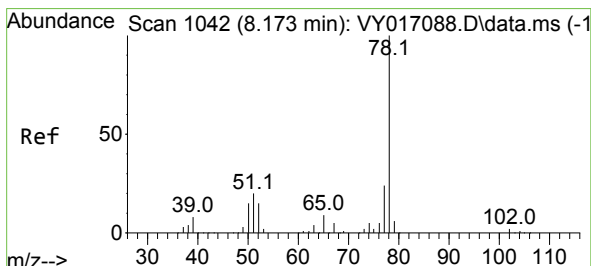
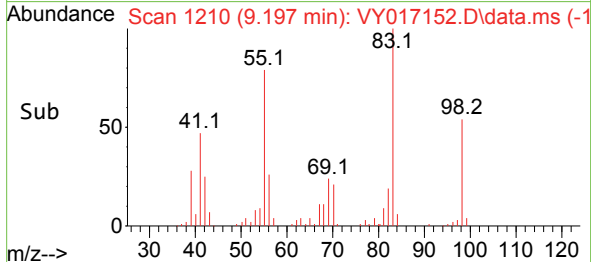
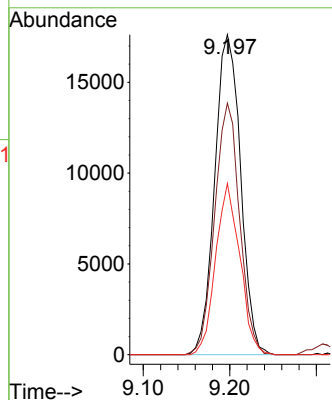
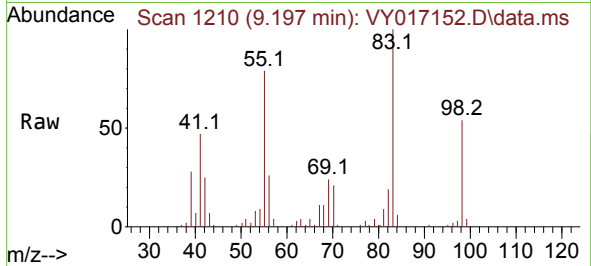




#39
Methylcyclohexane
Concen: 17.746 ug/l
RT: 9.197 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

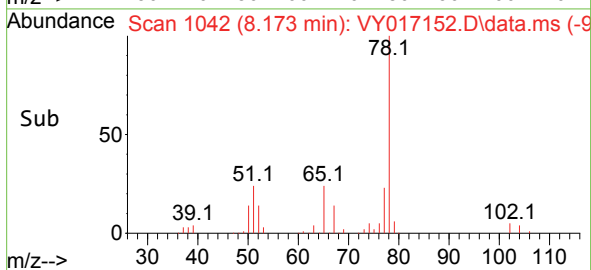
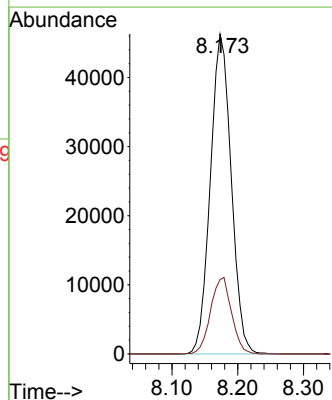
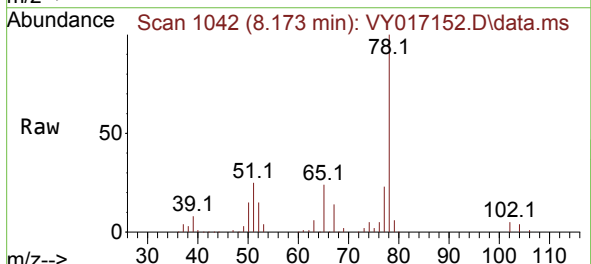
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

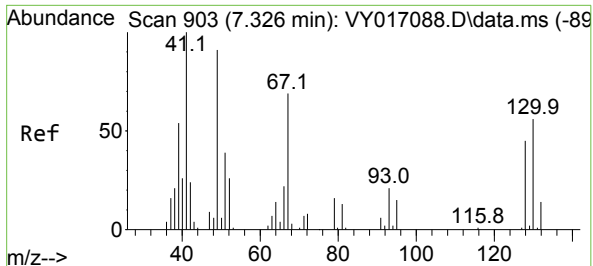
Tgt Ion: 83 Resp: 36569
Ion Ratio Lower Upper
83 100
55 78.6 59.7 89.5
98 53.5 38.0 57.0



#40
Benzene
Concen: 20.564 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. -0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 78 Resp: 102317
Ion Ratio Lower Upper
78 100
77 23.2 18.8 28.2

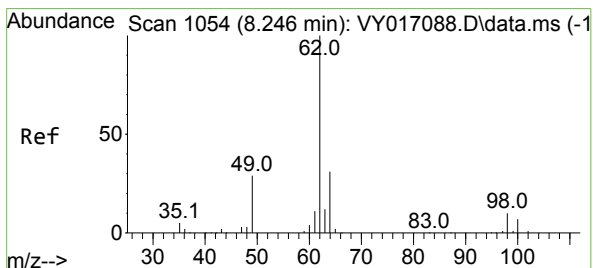
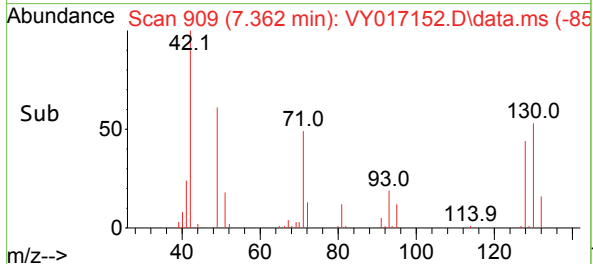
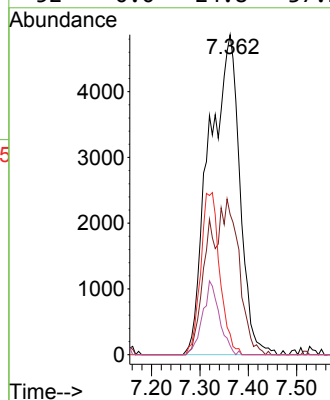
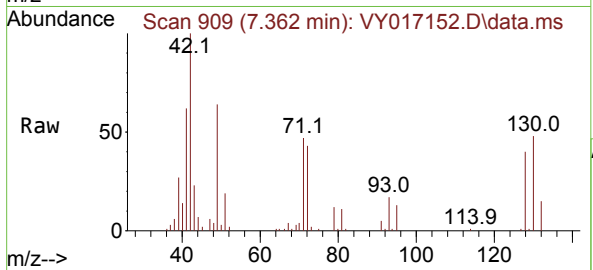




#41
Methacrylonitrile
Concen: 54.129 ug/l
RT: 7.362 min Scan# 909
Delta R.T. 0.043 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

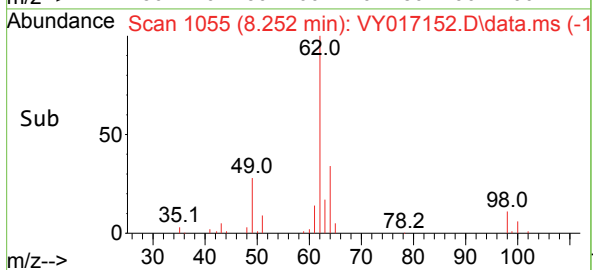
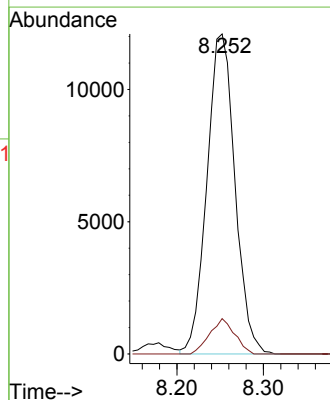
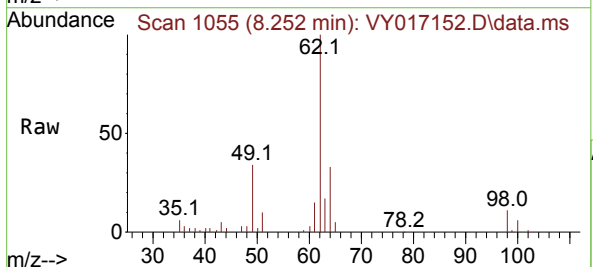
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

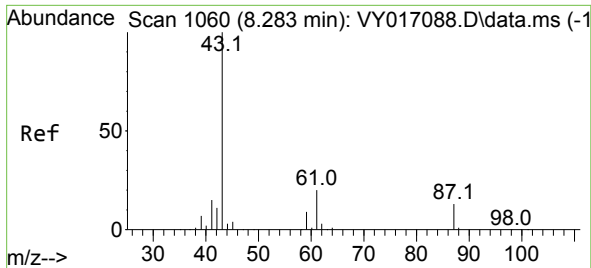
Tgt Ion:	41	Resp:	21327
Ion	Ratio	Lower	Upper
41	100		
39	29.0	41.9	62.9#
67	0.0	59.8	89.6#
52	0.0	24.8	37.2#



#42
1,2-Dichloroethane
Concen: 21.097 ug/l
RT: 8.252 min Scan# 1055
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion:	62	Resp:	27214
Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2

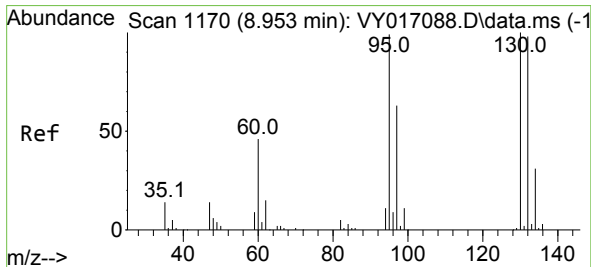
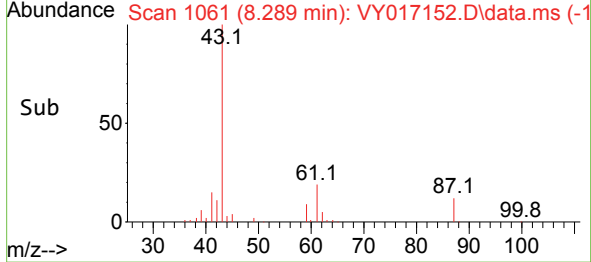
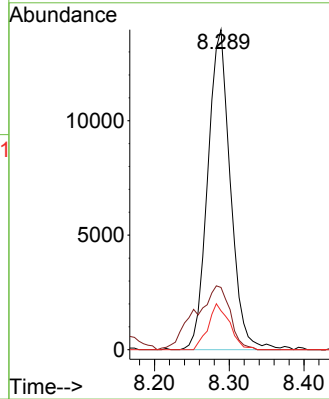
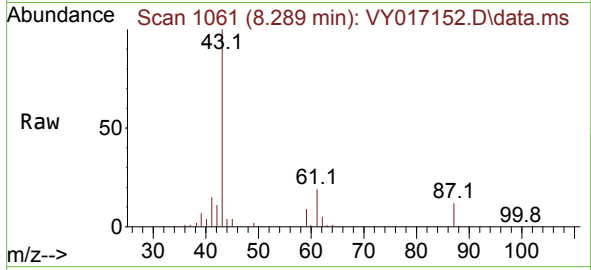




#43
Isopropyl Acetate
Concen: 21.332 ug/l
RT: 8.289 min Scan# 1060
Delta R.T. 0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

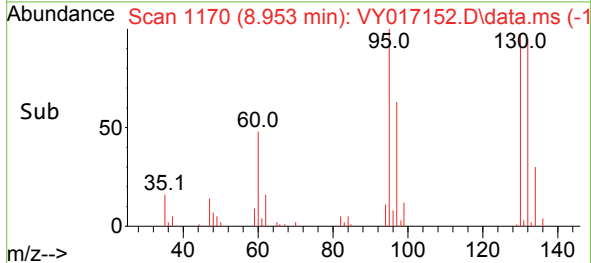
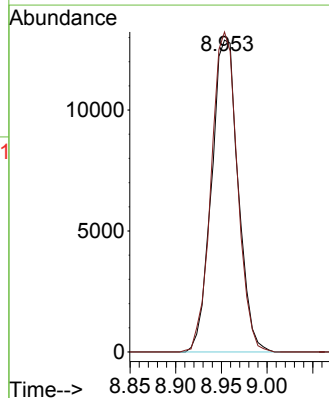
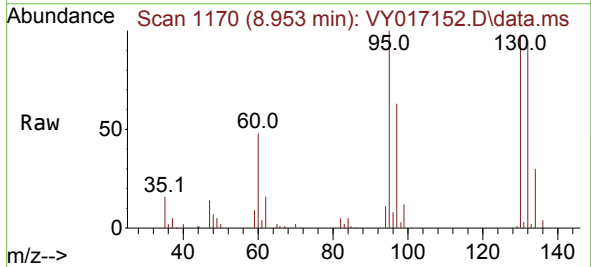
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

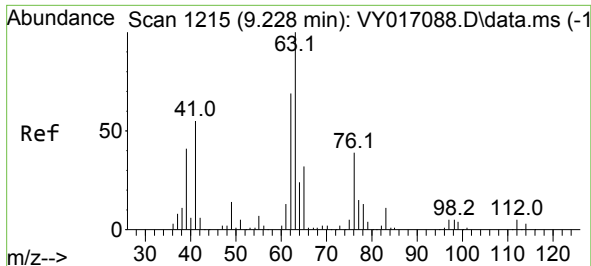
Tgt Ion: 43 Resp: 29338
Ion Ratio Lower Upper
43 100
61 30.8 24.8 37.2
87 13.6 10.7 16.1



#44
Trichloroethene
Concen: 20.431 ug/l
RT: 8.953 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion:130 Resp: 26073
Ion Ratio Lower Upper
130 100
95 102.6 0.0 203.8

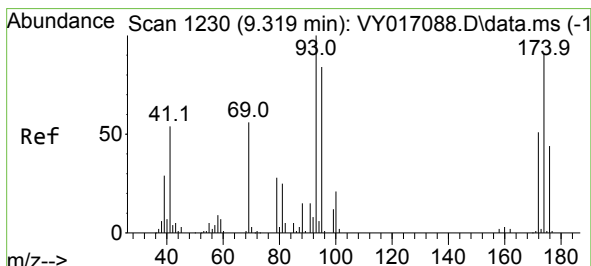
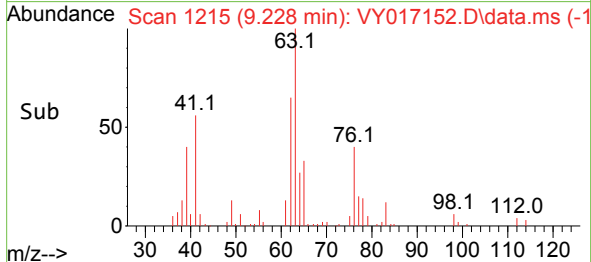
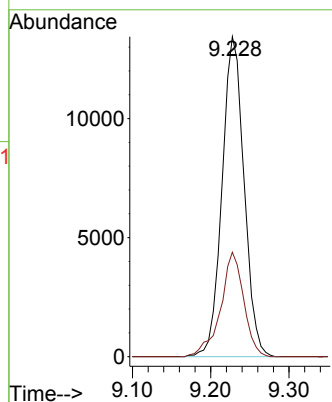
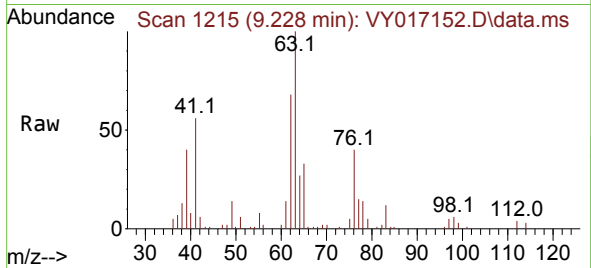




#45
1,2-Dichloropropane
Concen: 21.489 ug/l
RT: 9.228 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

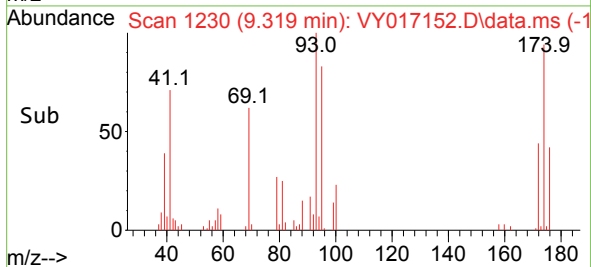
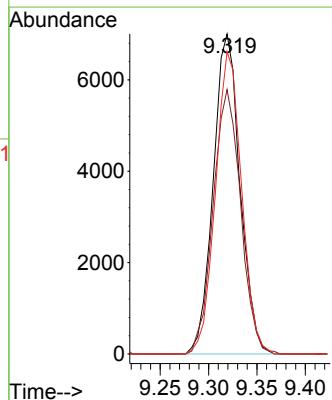
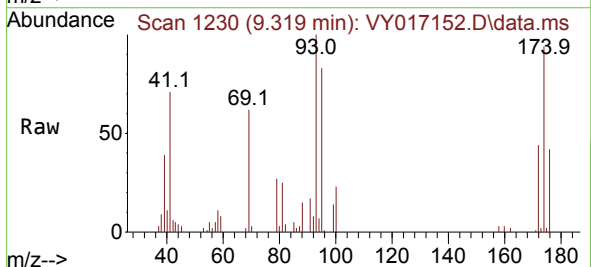
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

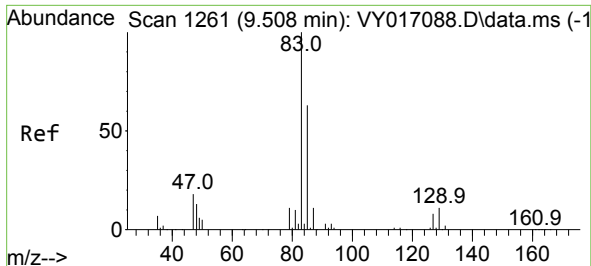
Tgt Ion: 63 Resp: 26243
Ion Ratio Lower Upper
63 100
65 32.7 24.6 36.8



#46
Dibromomethane
Concen: 20.732 ug/l
RT: 9.319 min Scan# 1230
Delta R.T. 0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 93 Resp: 13446
Ion Ratio Lower Upper
93 100
95 85.1 66.6 99.8
174 92.2 73.8 110.6





#47

Bromodichloromethane

Concen: 22.277 ug/l

RT: 9.508 min Scan# 1261

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

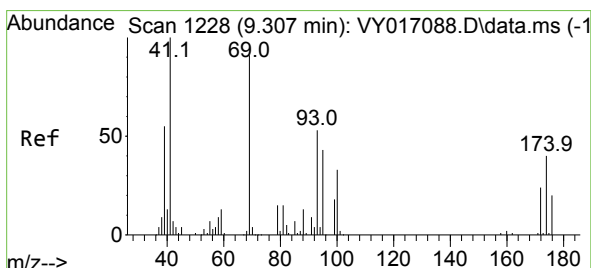
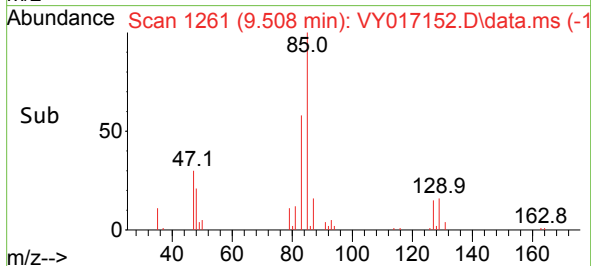
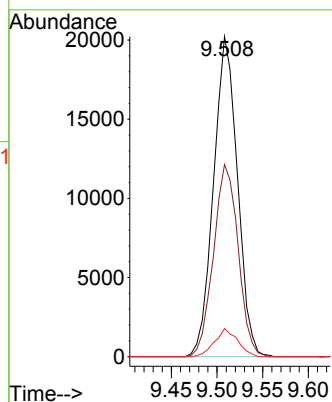
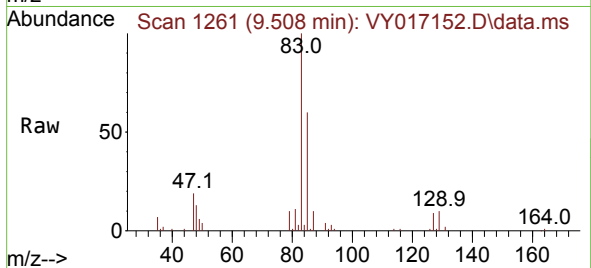
Tgt Ion: 83 Resp: 36757

Ion Ratio Lower Upper

83 100

85 60.0 53.2 79.8

127 8.8 6.4 9.6



#48

Methyl methacrylate

Concen: 20.318 ug/l

RT: 9.307 min Scan# 1228

Delta R.T. 0.006 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

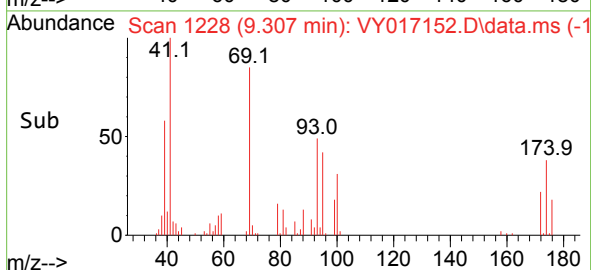
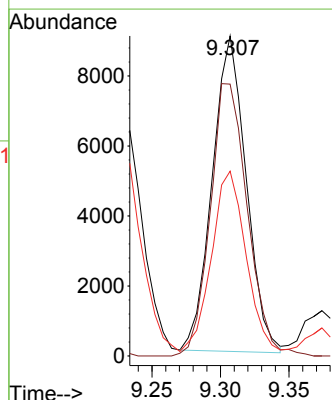
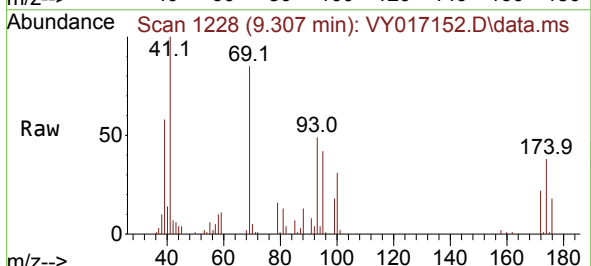
Tgt Ion: 41 Resp: 15515

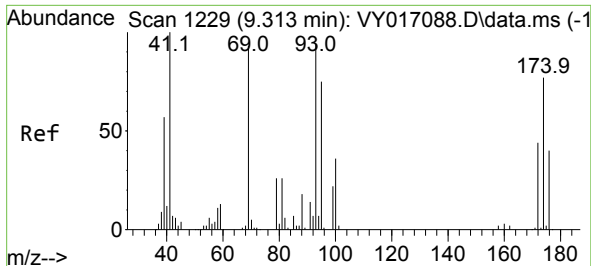
Ion Ratio Lower Upper

41 100

69 94.7 72.1 108.1

39 61.1 42.8 64.2





#49

1,4-Dioxane

Concen: 460.583 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

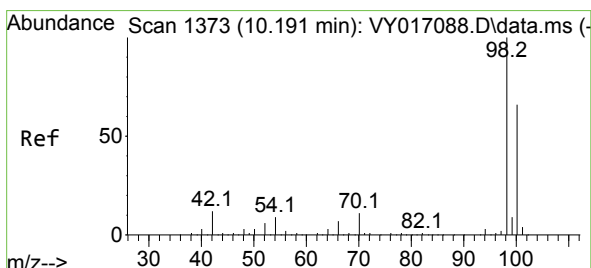
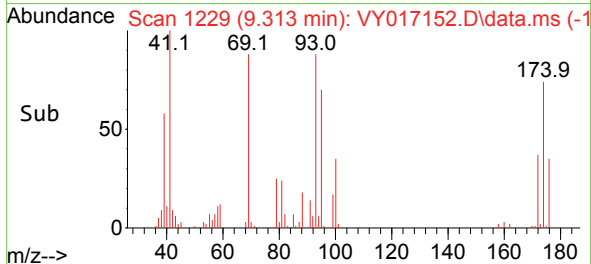
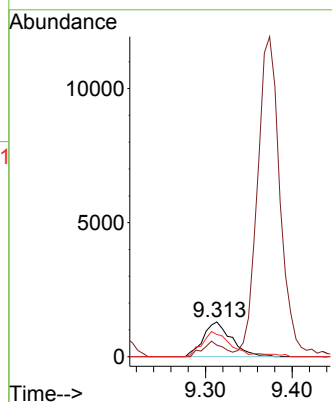
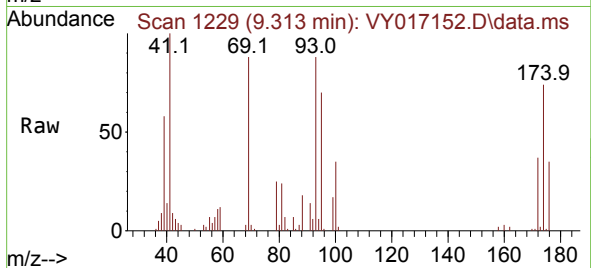
Tgt Ion: 88 Resp: 2938

Ion Ratio Lower Upper

88 100

43 32.8 28.2 42.4

58 70.7 52.2 78.2



#50

Toluene-d8

Concen: 53.762 ug/l

RT: 10.191 min Scan# 1373

Delta R.T. -0.000 min

Lab File: VY017152.D

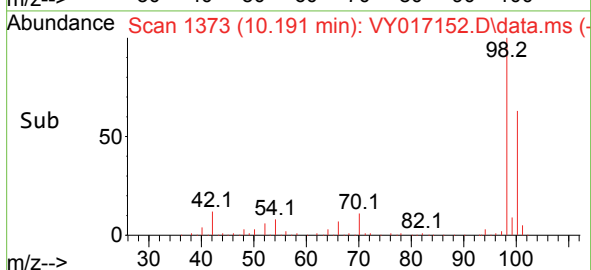
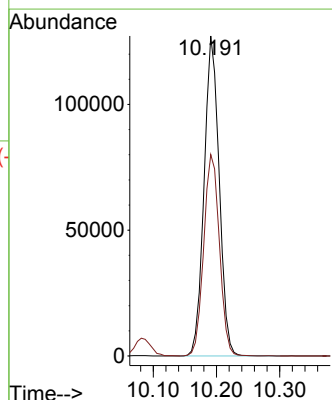
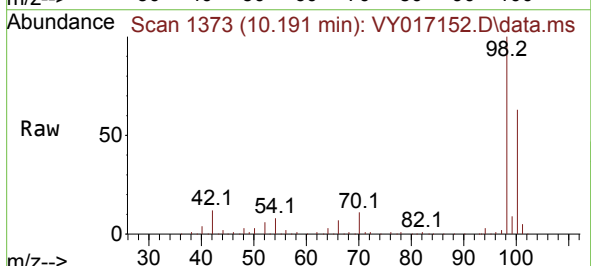
Acq: 31 Jan 2024 11:35

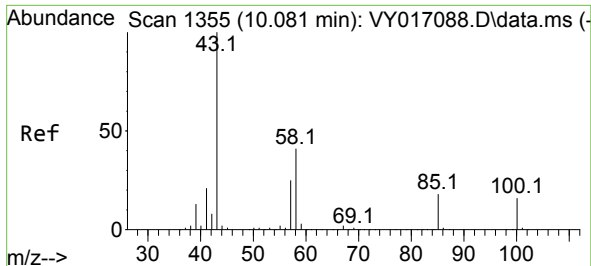
Tgt Ion: 98 Resp: 211448

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5

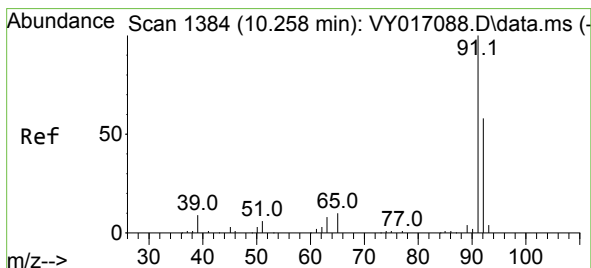
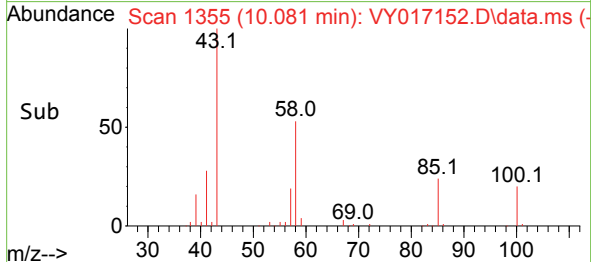
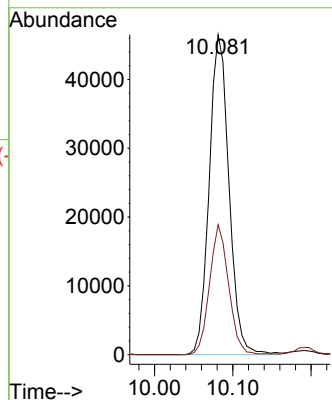
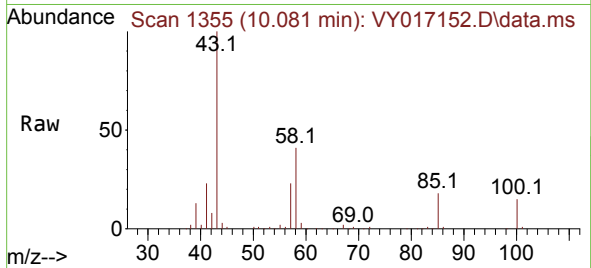




#51
4-Methyl-2-Pentanone
Concen: 111.589 ug/l
RT: 10.081 min Scan# 1355
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

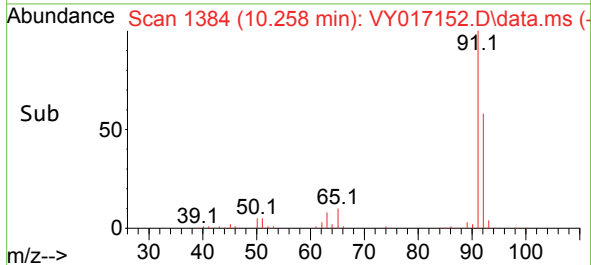
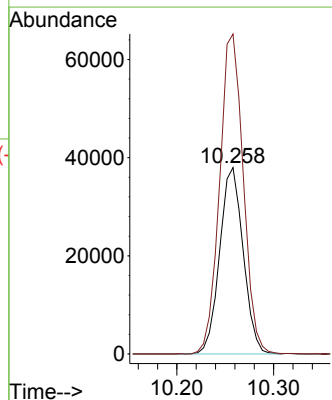
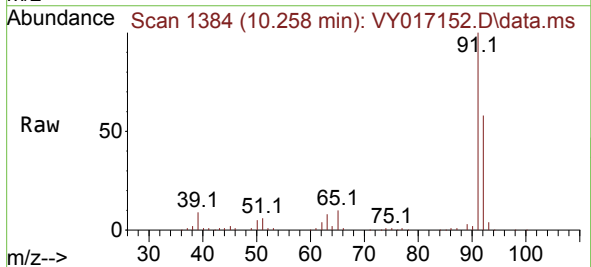
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

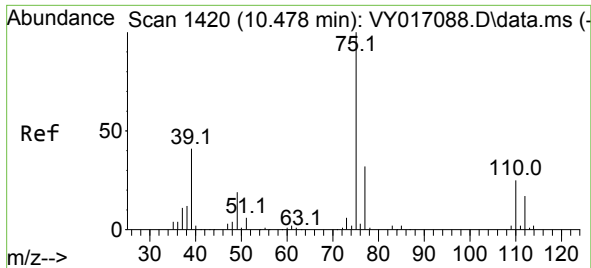
Tgt Ion: 43 Resp: 81637
Ion Ratio Lower Upper
43 100
58 39.2 32.2 48.2



#52
Toluene
Concen: 21.238 ug/l
RT: 10.258 min Scan# 1384
Delta R.T. 0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 92 Resp: 63961
Ion Ratio Lower Upper
92 100
91 172.9 137.6 206.4

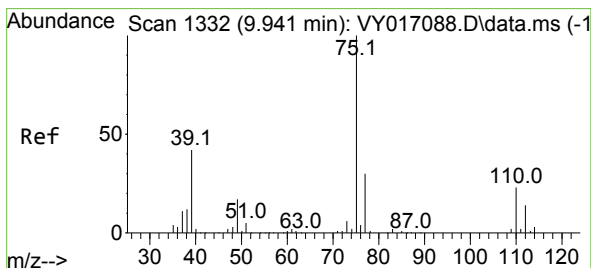
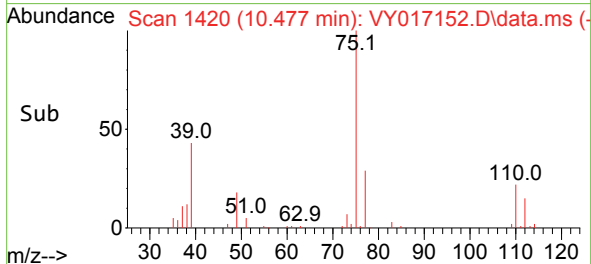
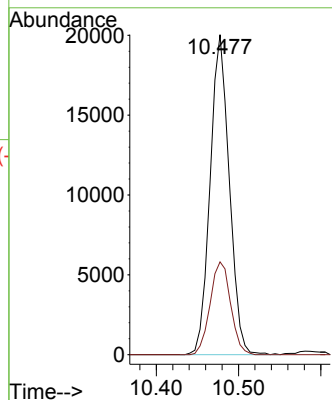
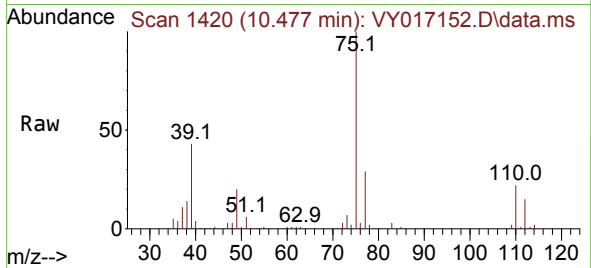




#53
 t-1,3-Dichloropropene
 Concen: 21.486 ug/l
 RT: 10.477 min Scan# 1420
 Delta R.T. 0.006 min
 Lab File: VY017152.D
 Acq: 31 Jan 2024 11:35

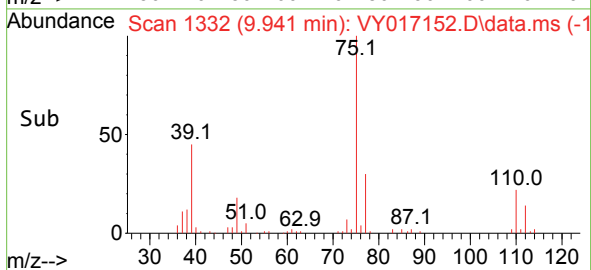
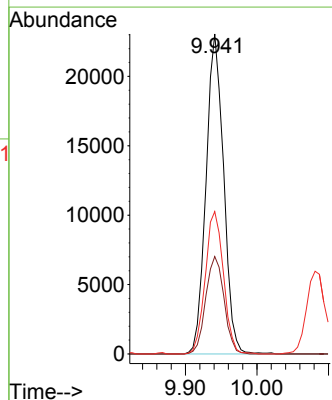
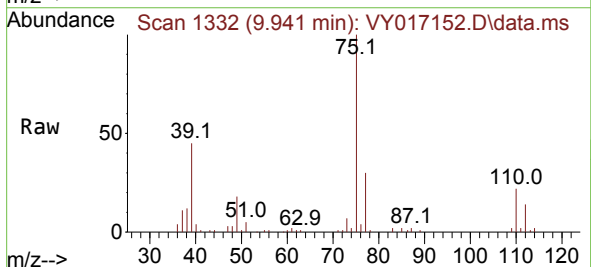
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBS01

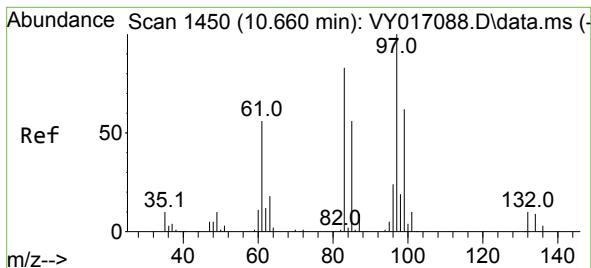
Tgt Ion: 75 Resp: 32387
 Ion Ratio Lower Upper
 75 100
 77 29.0 24.6 36.8



#54
 cis-1,3-Dichloropropene
 Concen: 21.263 ug/l
 RT: 9.941 min Scan# 1332
 Delta R.T. -0.000 min
 Lab File: VY017152.D
 Acq: 31 Jan 2024 11:35

Tgt Ion: 75 Resp: 39420
 Ion Ratio Lower Upper
 75 100
 77 30.5 24.6 36.8
 39 44.5 33.6 50.4





#55

1,1,2-Trichloroethane

Concen: 21.709 ug/l

RT: 10.654 min Scan# 1449

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

Tgt Ion: 97 Resp: 19679

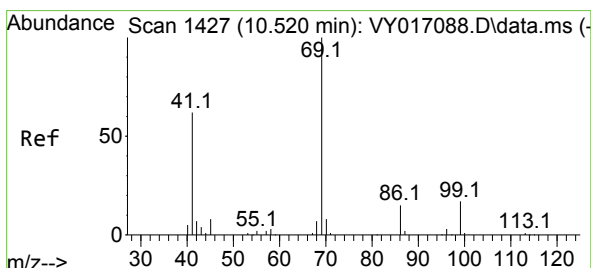
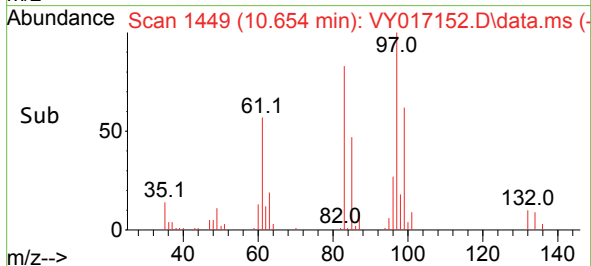
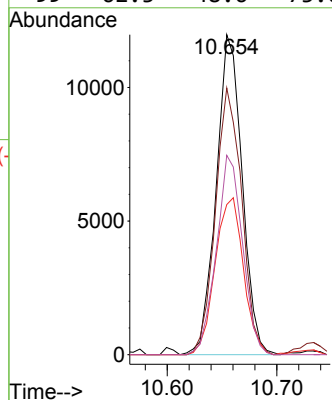
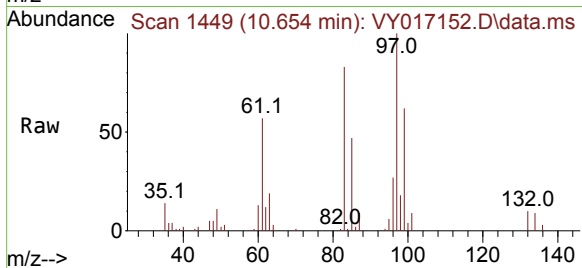
Ion Ratio Lower Upper

97 100

83 83.4 69.4 104.2

85 46.9 43.9 65.9

99 62.3 48.6 73.0



#56

Ethyl methacrylate

Concen: 20.521 ug/l

RT: 10.520 min Scan# 1427

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

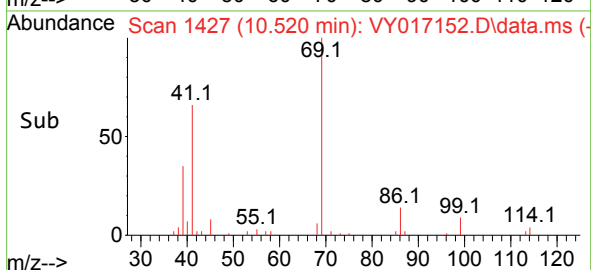
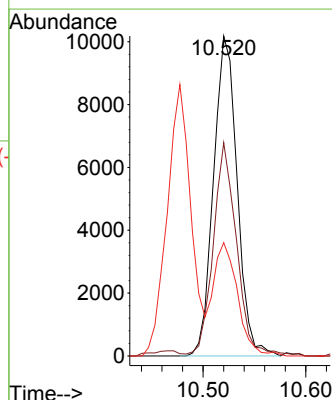
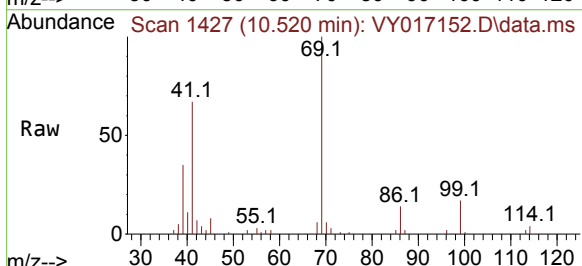
Tgt Ion: 69 Resp: 16267

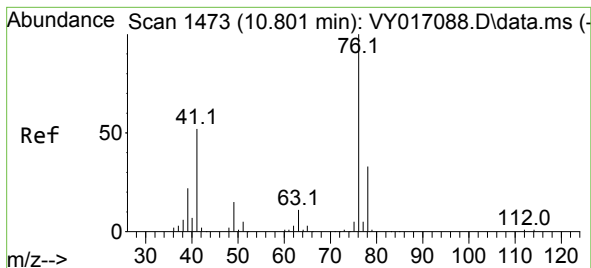
Ion Ratio Lower Upper

69 100

41 65.9 49.2 73.8

39 36.3 26.8 40.2





#57

1,3-Dichloropropane

Concen: 21.831 ug/l

RT: 10.801 min Scan# 1473

Delta R.T. 0.001 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

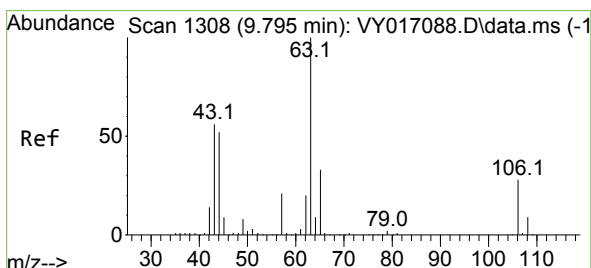
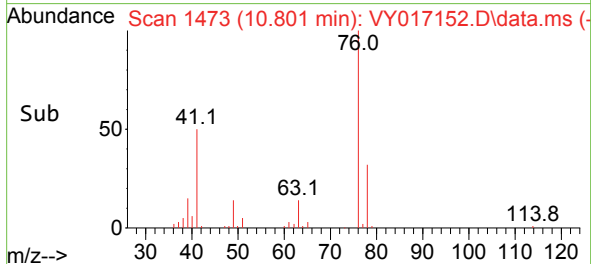
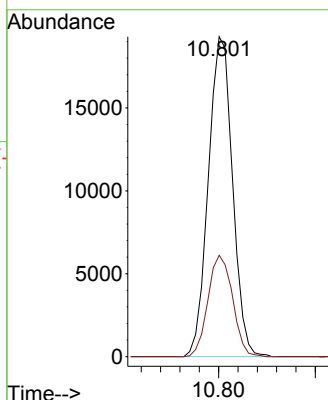
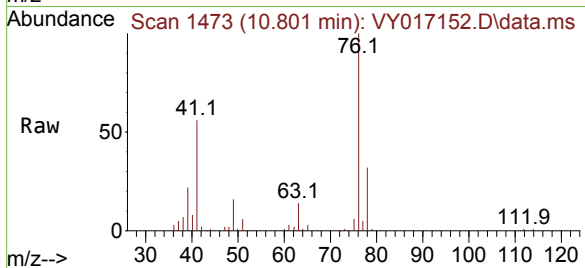
VY0131SBS01

Tgt Ion: 76 Resp: 33457

Ion Ratio Lower Upper

76 100

78 32.2 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 108.685 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.007 min

Lab File: VY017152.D

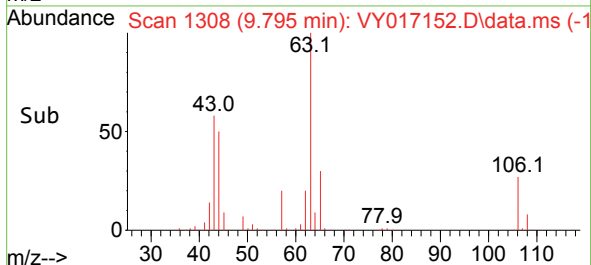
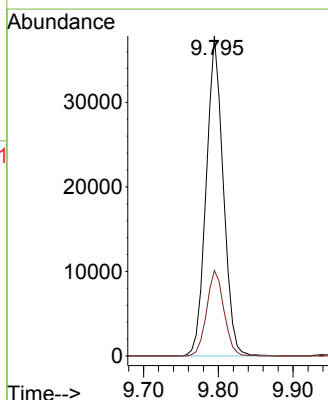
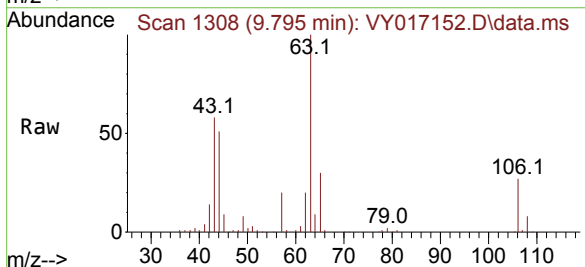
Acq: 31 Jan 2024 11:35

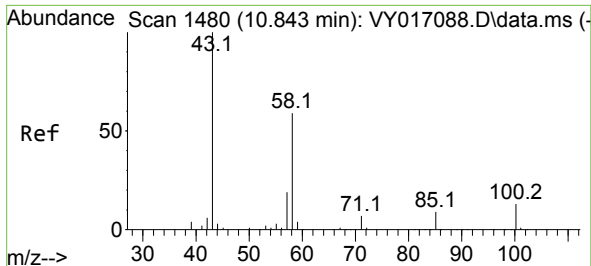
Tgt Ion: 63 Resp: 59804

Ion Ratio Lower Upper

63 100

106 27.1 22.4 33.6

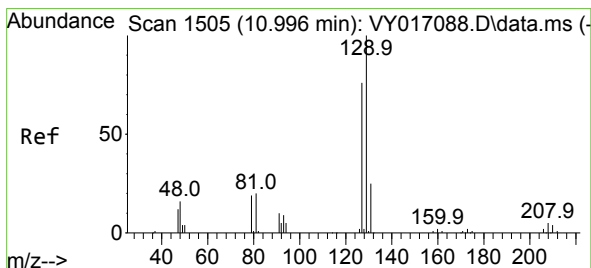
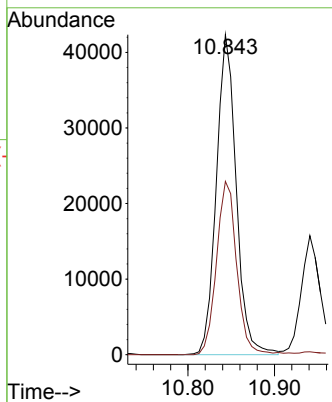
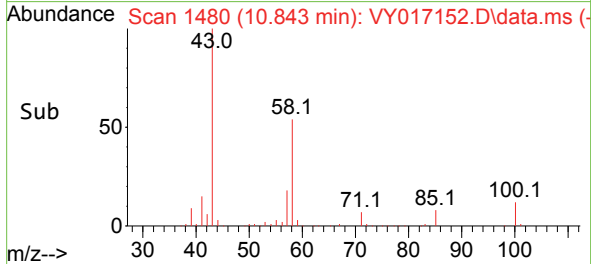
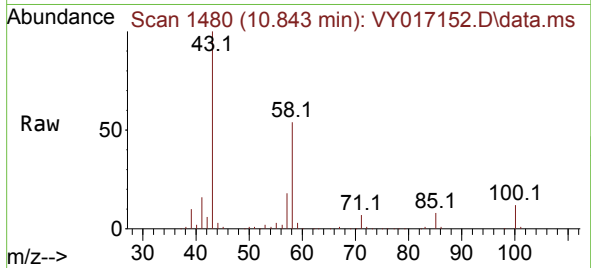




#59
2-Hexanone
Concen: 121.003 ug/l
RT: 10.843 min Scan# 1480
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

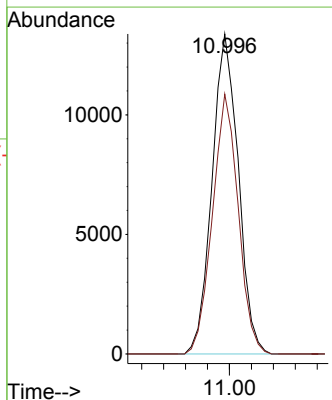
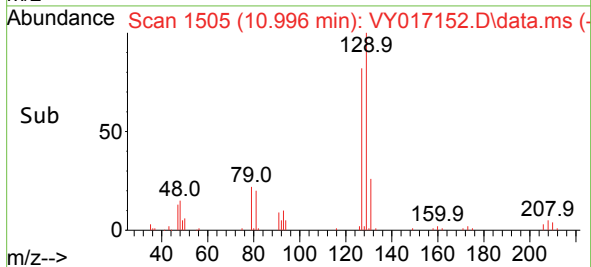
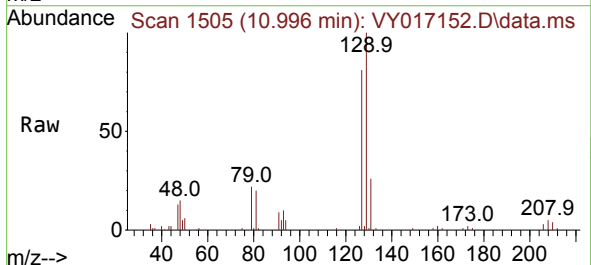
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

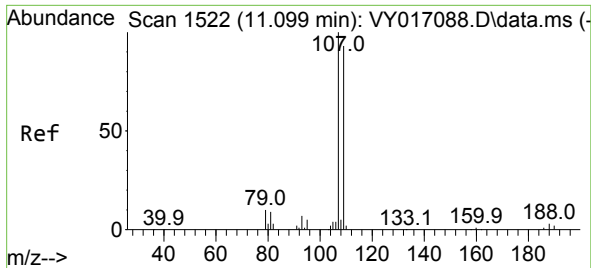
Tgt Ion: 43 Resp: 67536
Ion Ratio Lower Upper
43 100
58 55.4 28.1 84.3



#60
Dibromochloromethane
Concen: 21.126 ug/l
RT: 10.996 min Scan# 1505
Delta R.T. -0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 129 Resp: 22249
Ion Ratio Lower Upper
129 100
127 79.8 39.2 117.6

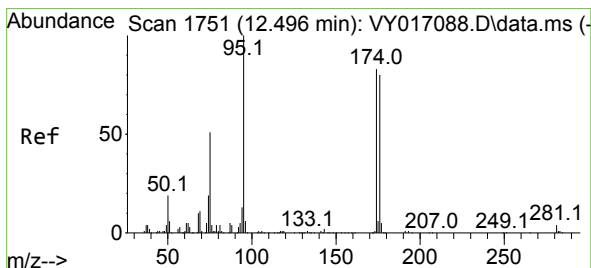
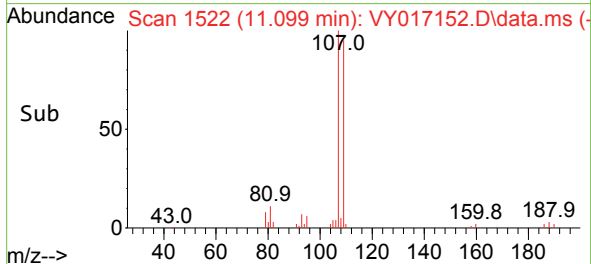
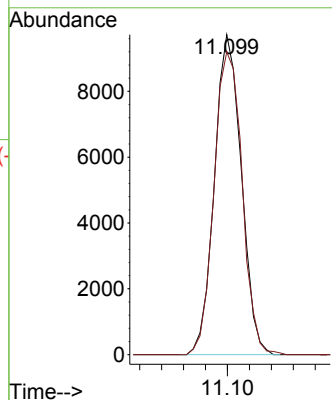
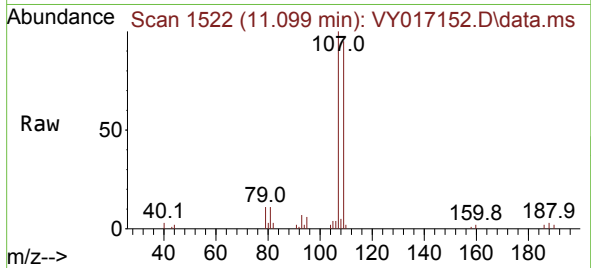




#61
1,2-Dibromoethane
Concen: 20.122 ug/l
RT: 11.099 min Scan# 1522
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

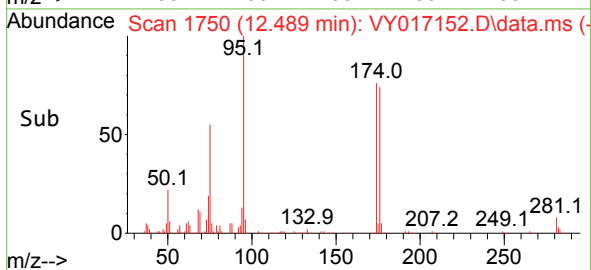
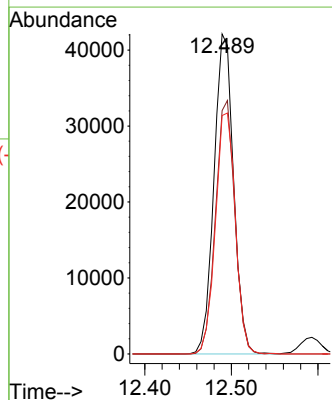
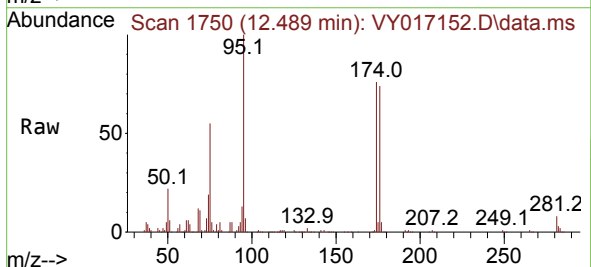
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

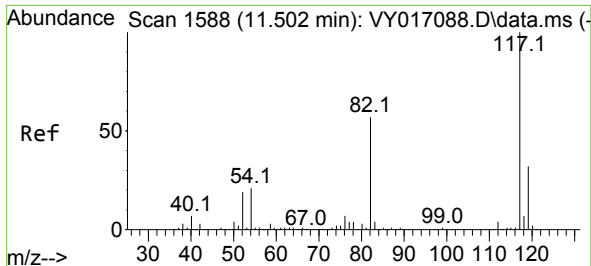
Tgt Ion:107 Resp: 16570
Ion Ratio Lower Upper
107 100
109 98.7 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 54.608 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 95 Resp: 66164
Ion Ratio Lower Upper
95 100
174 78.5 0.0 160.0
176 76.6 0.0 151.8

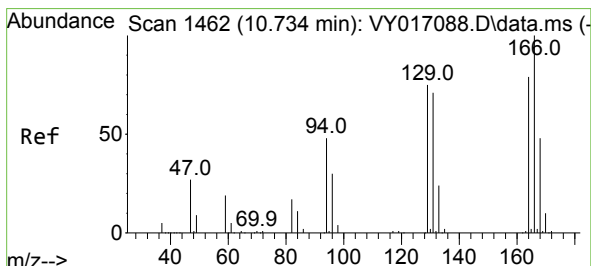
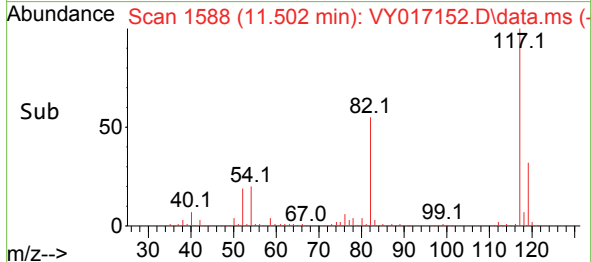
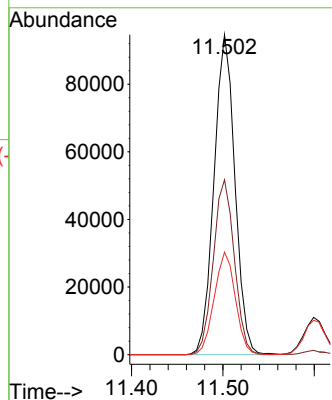
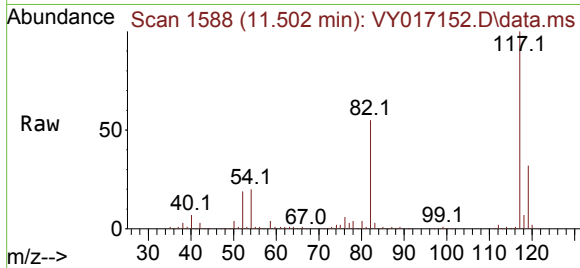




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

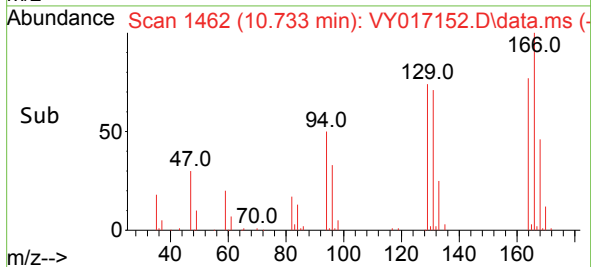
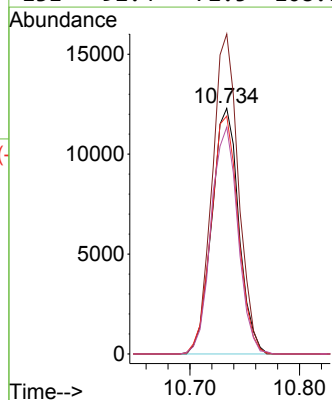
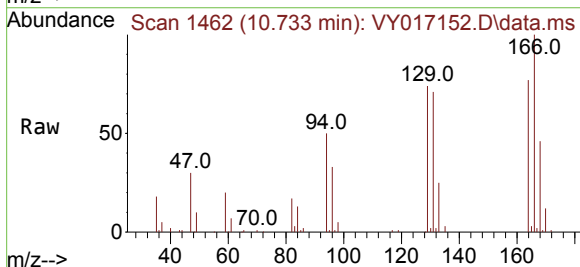
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

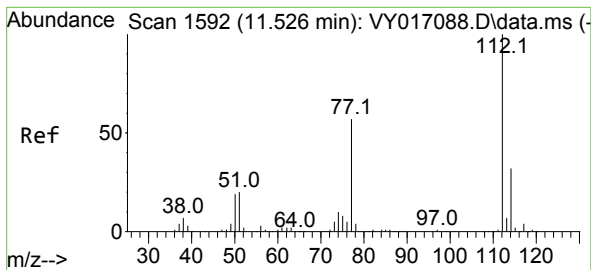
Tgt Ion:117 Resp: 150538
Ion Ratio Lower Upper
117 100
82 54.7 43.8 65.8
119 32.0 26.5 39.7



#64
Tetrachloroethene
Concen: 19.969 ug/l
RT: 10.733 min Scan# 1462
Delta R.T. 0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion:164 Resp: 20953
Ion Ratio Lower Upper
164 100
166 130.3 98.8 148.2
129 96.8 78.9 118.3
131 92.4 72.5 108.7

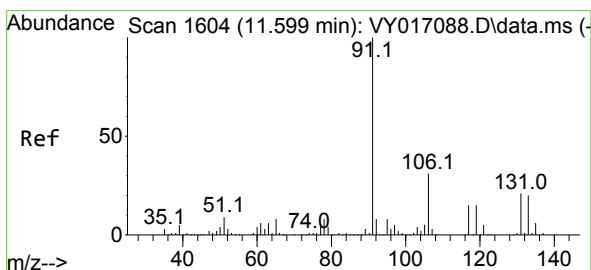
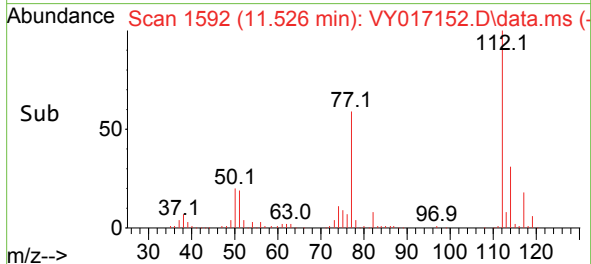
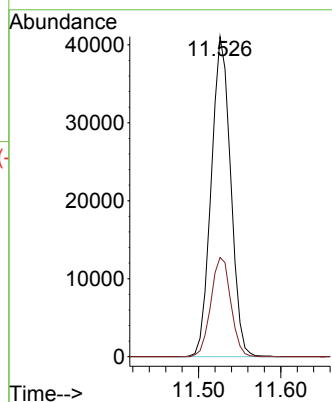
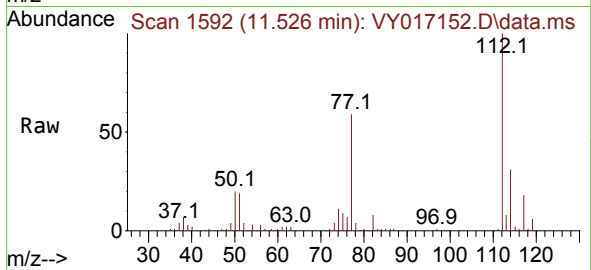




#65
Chlorobenzene
Concen: 21.112 ug/l
RT: 11.526 min Scan# 1112
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

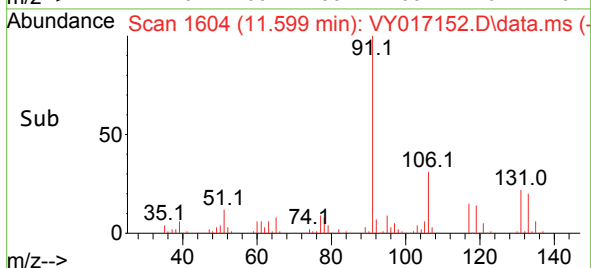
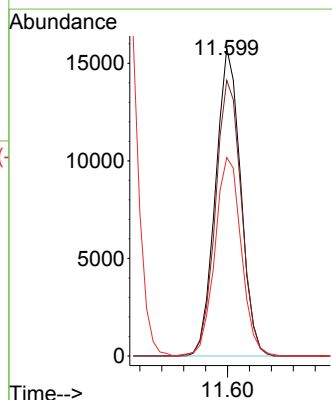
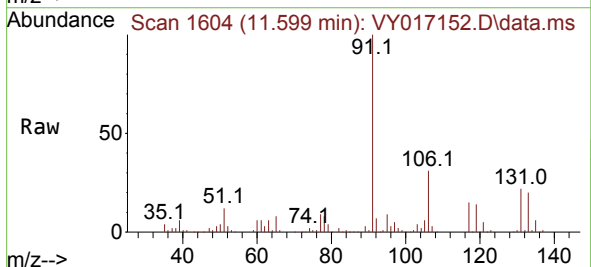
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

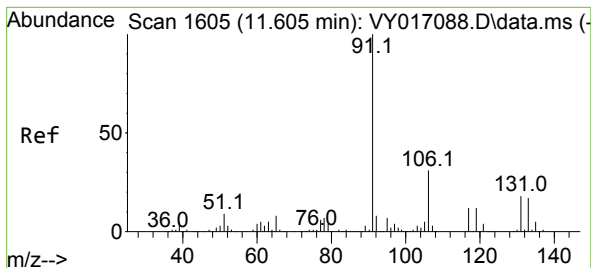
Tgt Ion:112 Resp: 67350
Ion Ratio Lower Upper
112 100
114 31.0 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 21.513 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion:131 Resp: 25068
Ion Ratio Lower Upper
131 100
133 92.5 47.0 141.0
119 67.8 33.3 99.9





#67

Ethyl Benzene

Concen: 20.892 ug/l

RT: 11.605 min Scan# 1605

Delta R.T. 0.006 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

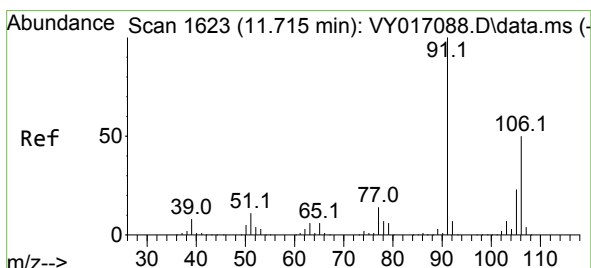
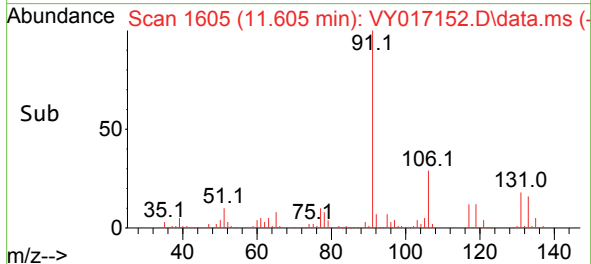
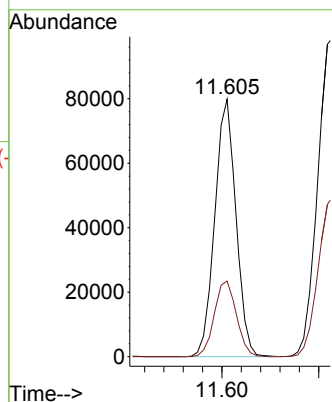
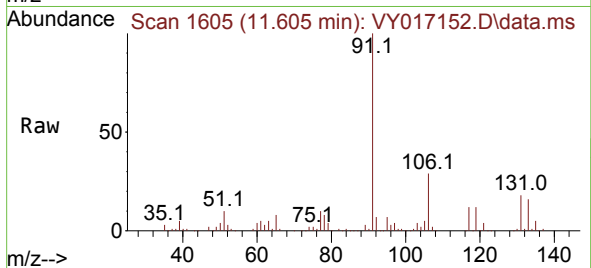
VY0131SBS01

Tgt Ion: 91 Resp: 121160

Ion Ratio Lower Upper

91 100

106 29.4 25.0 37.4



#68

m/p-Xylenes

Concen: 41.762 ug/l

RT: 11.715 min Scan# 1623

Delta R.T. 0.006 min

Lab File: VY017152.D

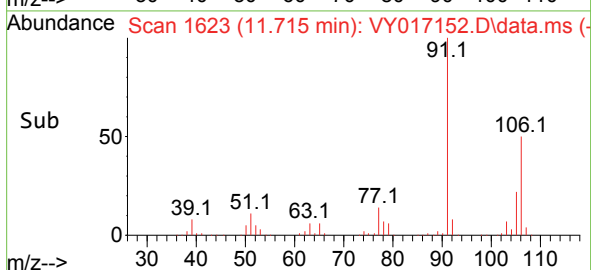
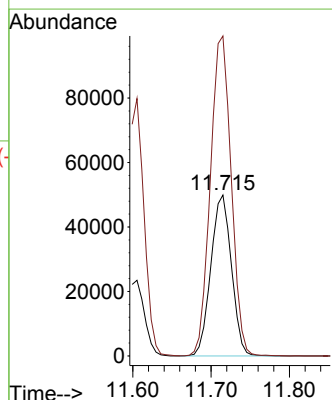
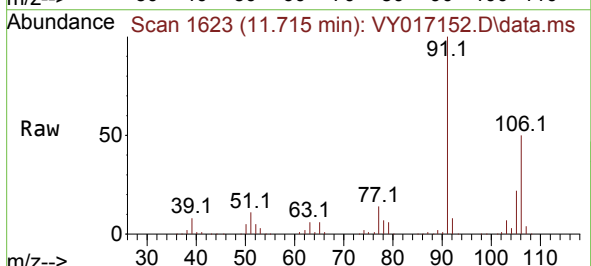
Acq: 31 Jan 2024 11:35

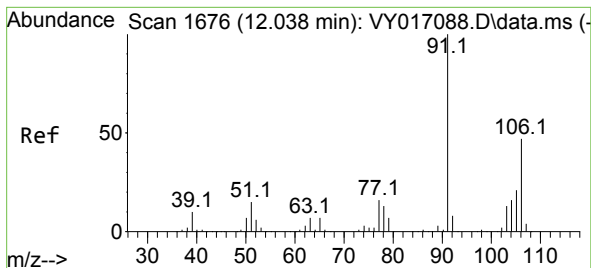
Tgt Ion:106 Resp: 90996

Ion Ratio Lower Upper

106 100

91 201.6 160.7 241.1





#69

o-Xylene

Concen: 20.940 ug/l

RT: 12.038 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

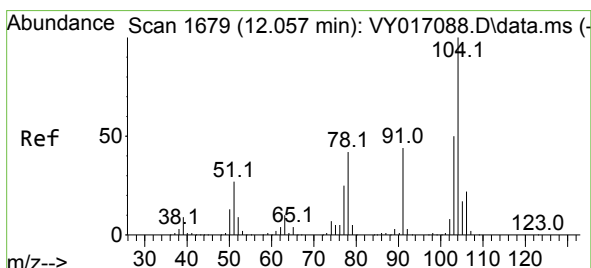
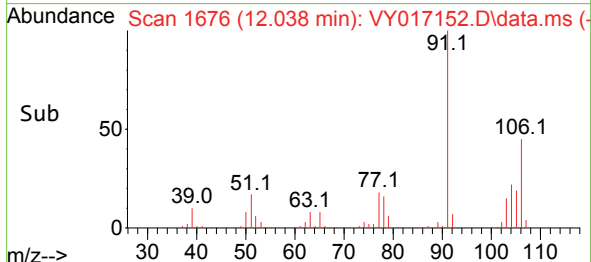
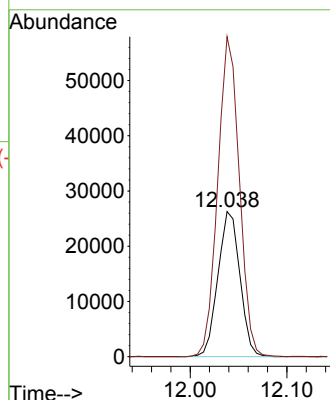
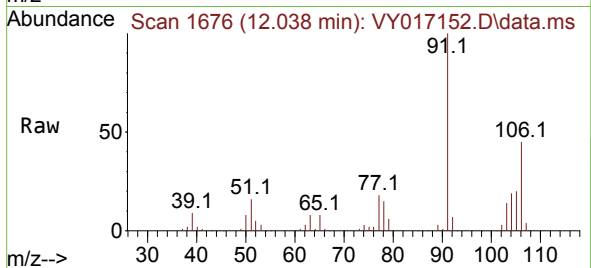
VY0131SBS01

Tgt Ion:106 Resp: 41446

Ion Ratio Lower Upper

106 100

91 216.7 106.5 319.5



#70

Styrene

Concen: 21.605 ug/l

RT: 12.056 min Scan# 1679

Delta R.T. 0.006 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

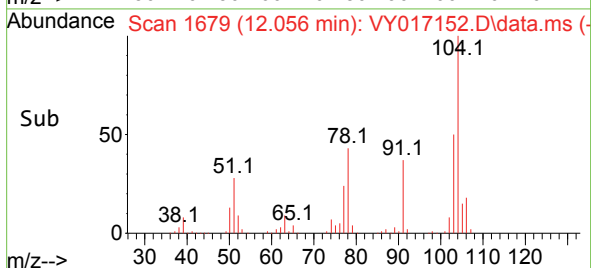
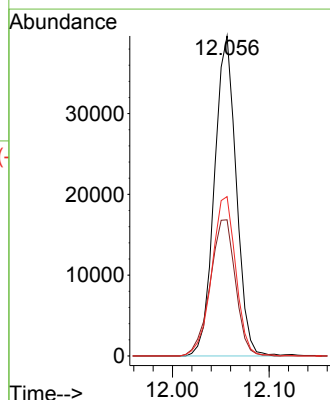
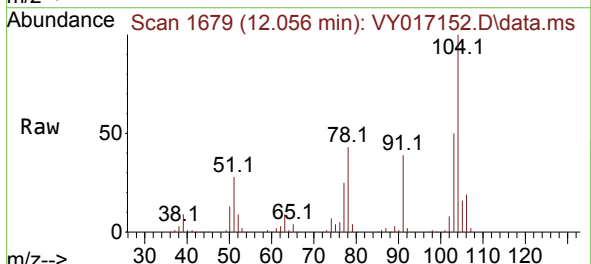
Tgt Ion:104 Resp: 62079

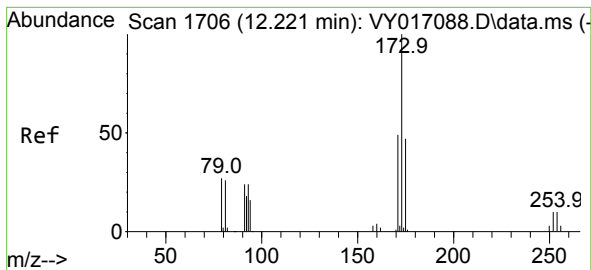
Ion Ratio Lower Upper

104 100

78 49.4 39.2 58.8

103 54.9 43.8 65.6





#71

Bromoform

Concen: 21.073 ug/l

RT: 12.215 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

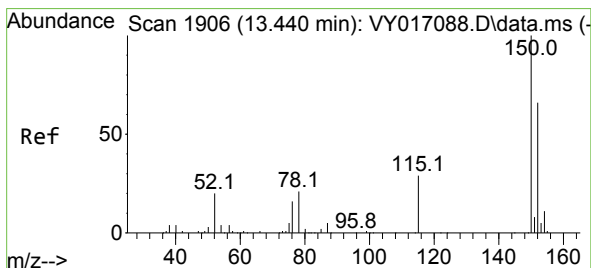
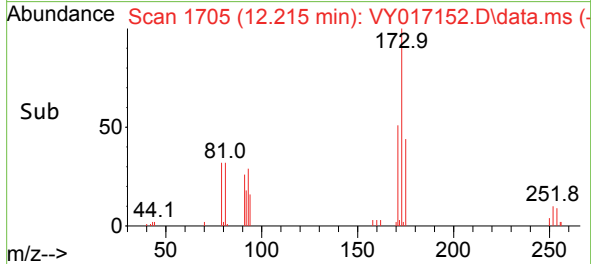
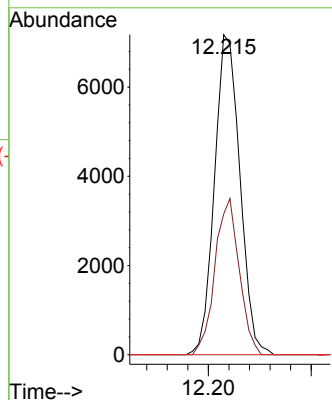
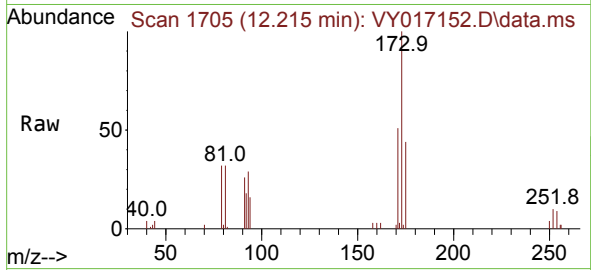
Tgt Ion:173 Resp: 12313

Ion Ratio Lower Upper

173 100

175 46.5 23.5 70.6

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

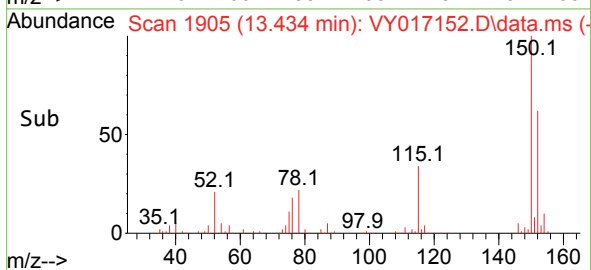
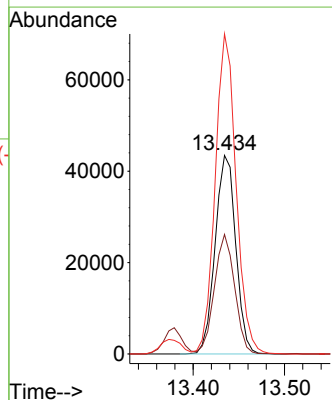
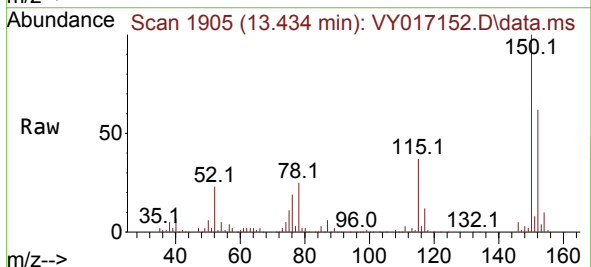
Tgt Ion:152 Resp: 68156

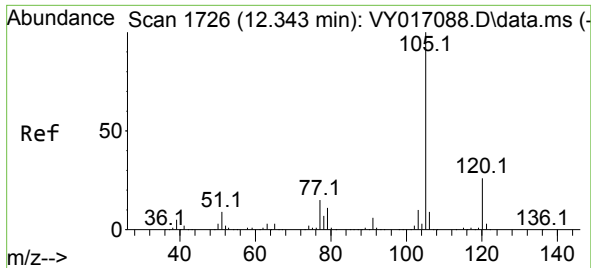
Ion Ratio Lower Upper

152 100

115 59.1 30.0 90.0

150 163.5 0.0 344.6

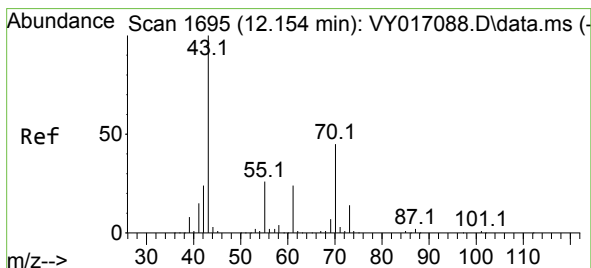
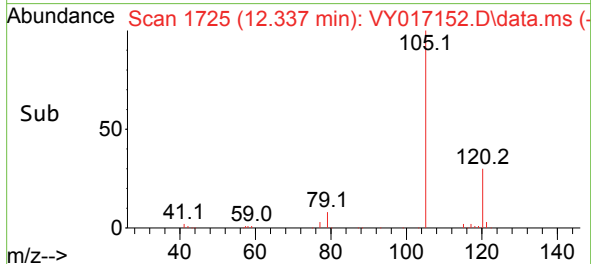
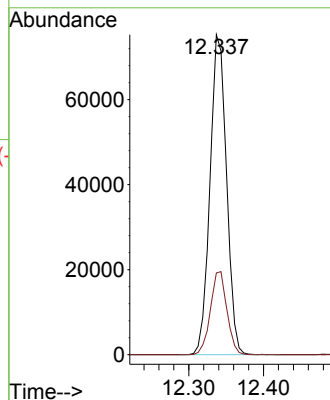
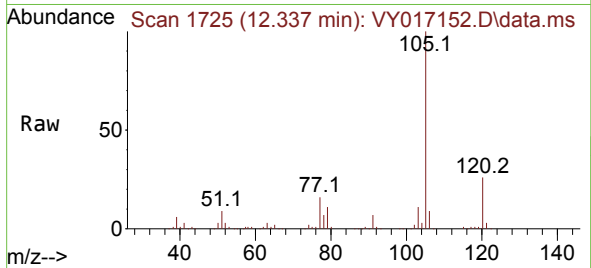




#73
Isopropylbenzene
Concen: 20.600 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. -0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

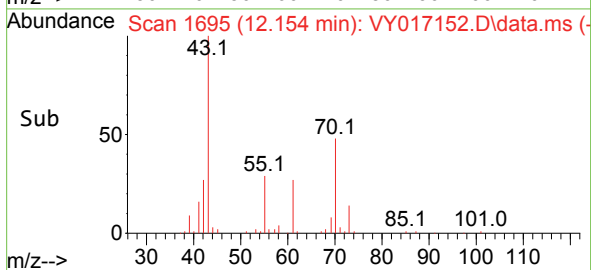
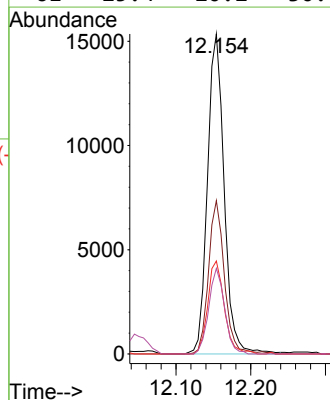
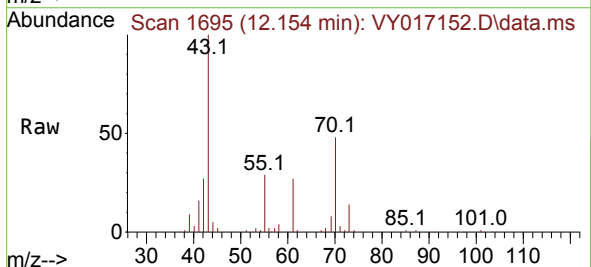
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

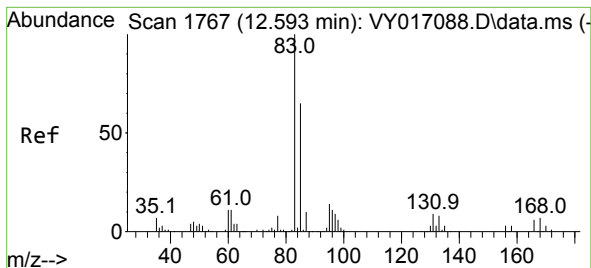
Tgt Ion:105 Resp: 115421
Ion Ratio Lower Upper
105 100
120 26.0 13.0 39.0



#74
N-ethyl acetate
Concen: 21.092 ug/l
RT: 12.154 min Scan# 1695
Delta R.T. -0.000 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 43 Resp: 23821
Ion Ratio Lower Upper
43 100
70 45.8 36.6 55.0
55 28.7 22.2 33.4
61 25.4 20.2 30.4





#75

1,1,2,2-Tetrachloroethane

Concen: 20.977 ug/l

RT: 12.593 min Scan# 1767

Delta R.T. -0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

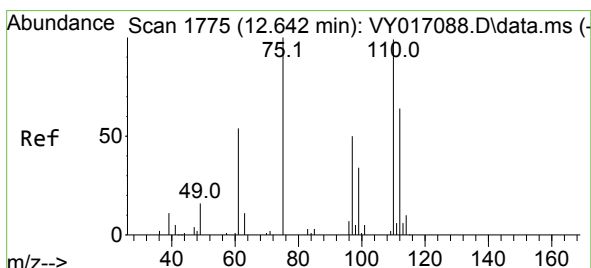
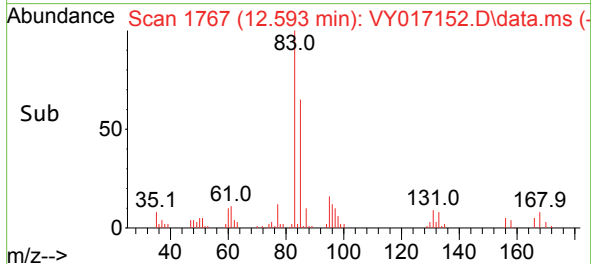
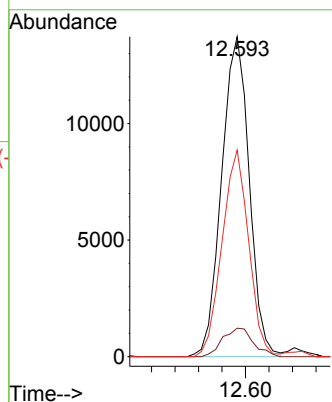
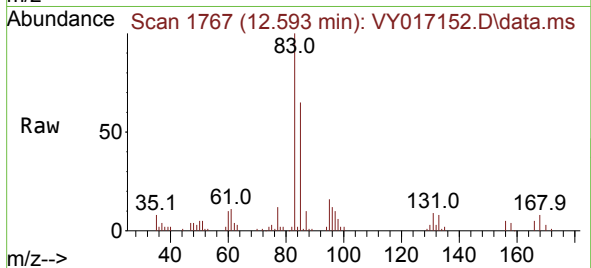
Tgt Ion: 83 Resp: 22412

Ion Ratio Lower Upper

83 100

131 9.9 4.9 14.6

85 62.4 32.6 98.0



#76

1,2,3-Trichloropropane

Concen: 32.854 ug/l

RT: 12.642 min Scan# 1775

Delta R.T. -0.000 min

Lab File: VY017152.D

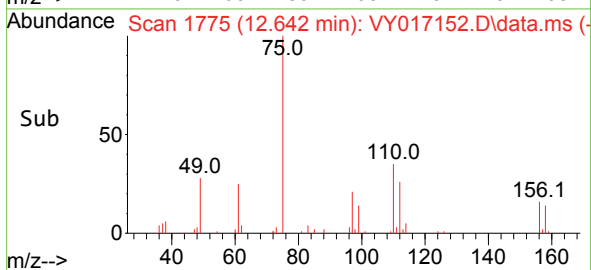
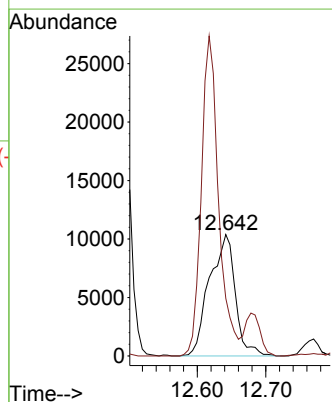
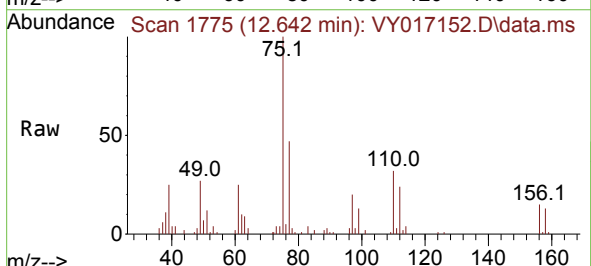
Acq: 31 Jan 2024 11:35

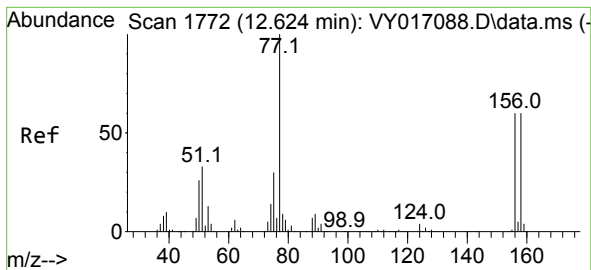
Tgt Ion: 75 Resp: 27179

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 20.707 ug/l

RT: 12.617 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

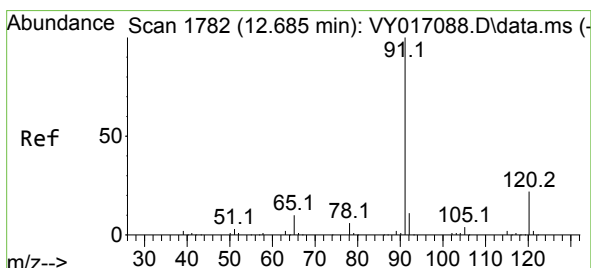
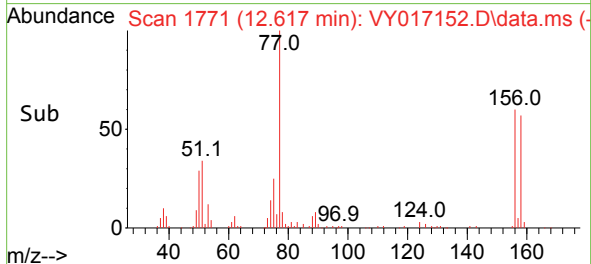
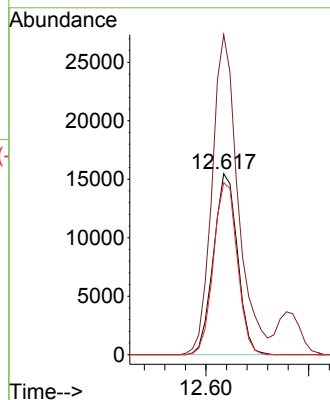
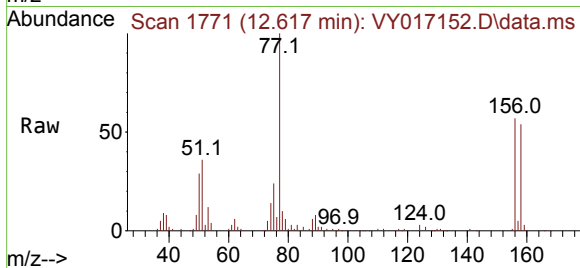
Tgt Ion:156 Resp: 25104

Ion Ratio Lower Upper

156 100

77 191.5 97.3 291.8

158 94.0 48.4 145.0



#78

n-propylbenzene

Concen: 21.320 ug/l

RT: 12.678 min Scan# 1781

Delta R.T. 0.000 min

Lab File: VY017152.D

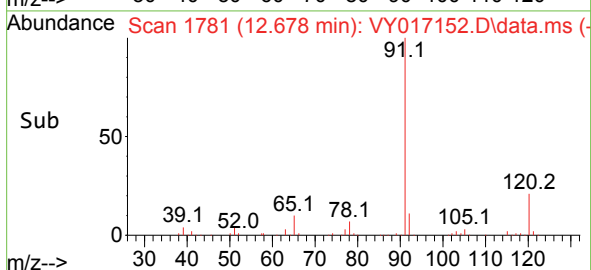
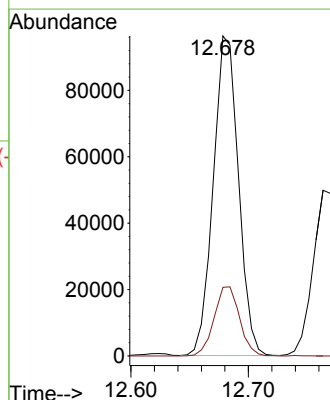
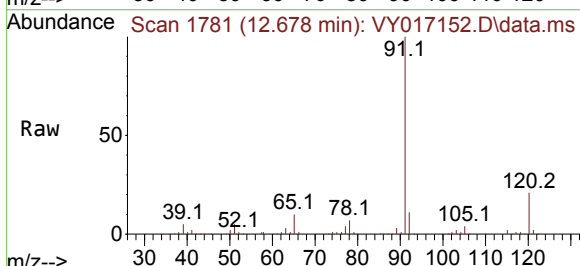
Acq: 31 Jan 2024 11:35

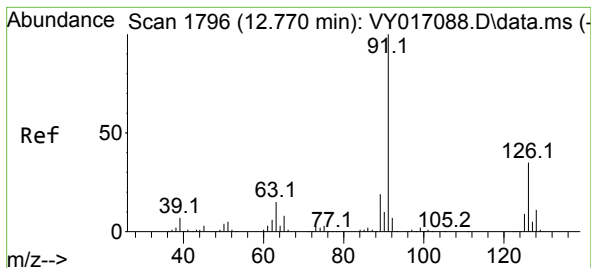
Tgt Ion: 91 Resp: 143676

Ion Ratio Lower Upper

91 100

120 21.8 11.0 33.0

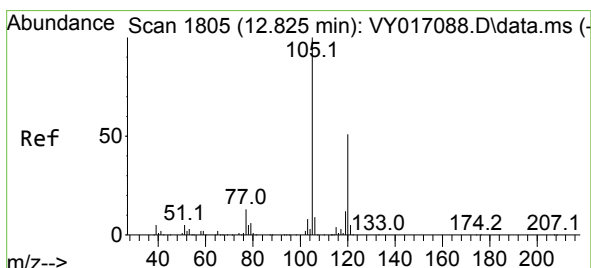
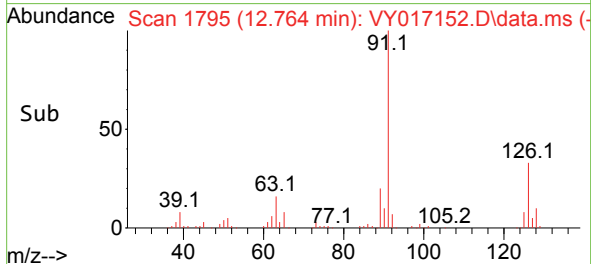
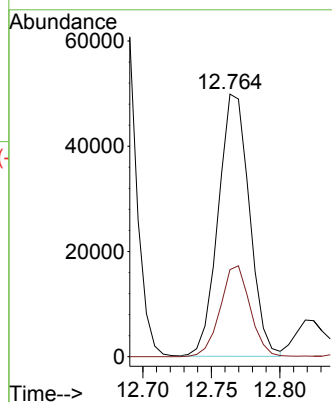
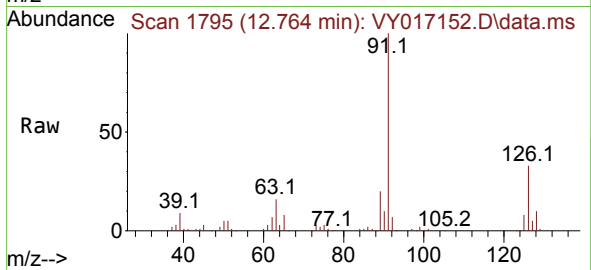




#79
2-Chlorotoluene
Concen: 21.370 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.001 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

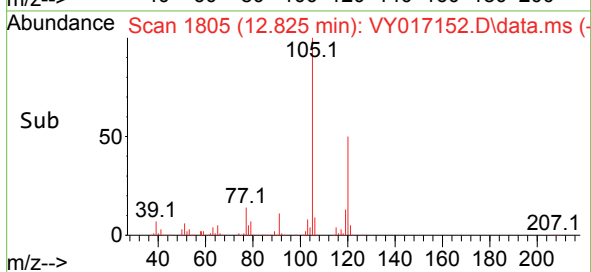
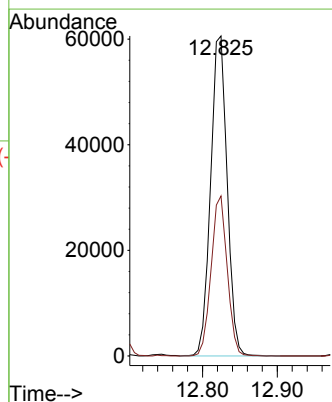
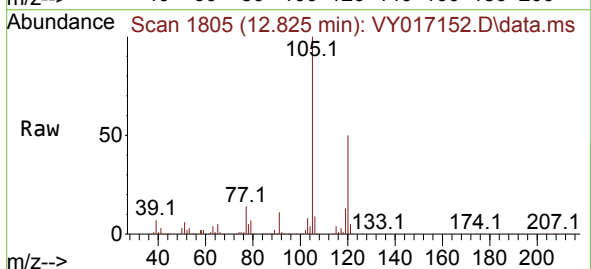
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

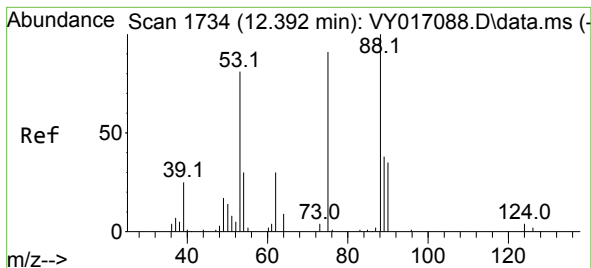
Tgt Ion: 91 Resp: 79029
Ion Ratio Lower Upper
91 100
126 33.3 17.0 51.0



#80
1,3,5-Trimethylbenzene
Concen: 20.996 ug/l
RT: 12.825 min Scan# 1805
Delta R.T. 0.007 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 105 Resp: 93104
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8

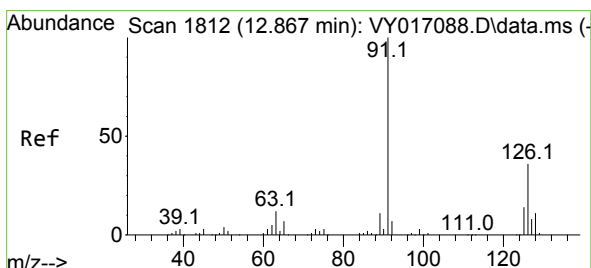
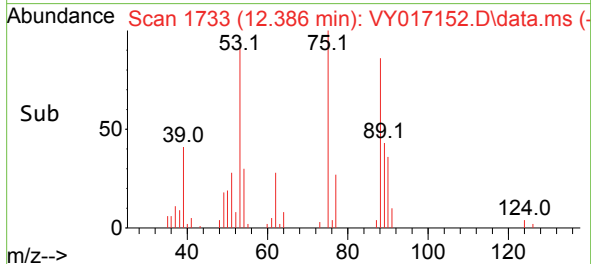
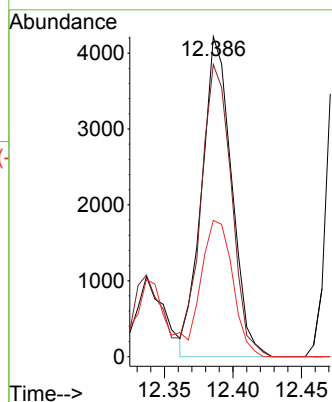
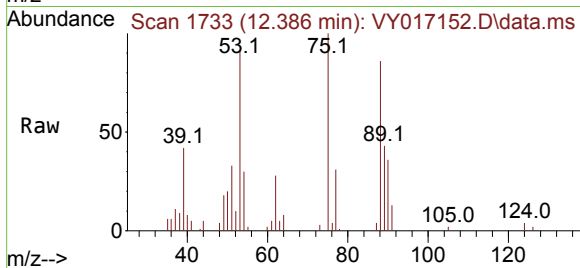




#81
trans-1,4-Dichloro-2-butene
Concen: 19.959 ug/l
RT: 12.386 min Scan# 1733
Delta R.T. 0.001 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

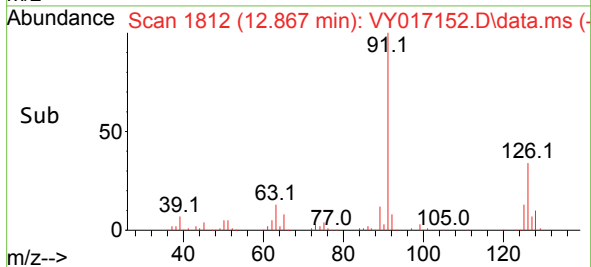
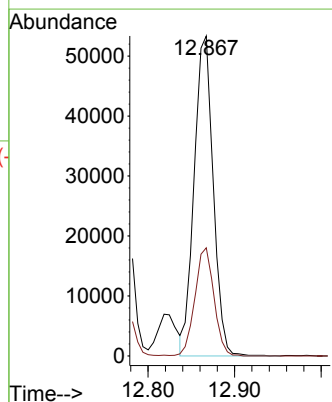
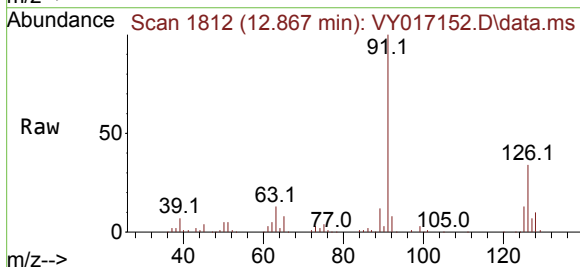
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBS01

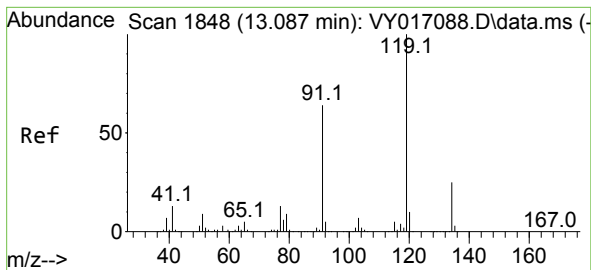
Tgt Ion: 75 Resp: 6378
Ion Ratio Lower Upper
75 100
53 93.2 74.0 111.0
89 44.1 36.5 54.7



#82
4-Chlorotoluene
Concen: 21.286 ug/l
RT: 12.867 min Scan# 1812
Delta R.T. 0.006 min
Lab File: VY017152.D
Acq: 31 Jan 2024 11:35

Tgt Ion: 91 Resp: 81585
Ion Ratio Lower Upper
91 100
126 33.8 17.1 51.2





#83

tert-Butylbenzene

Concen: 21.260 ug/l

RT: 13.087 min Scan# 119

Delta R.T. -0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

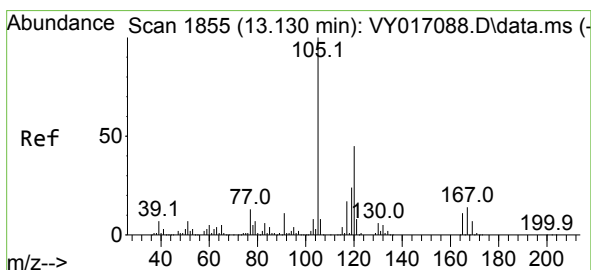
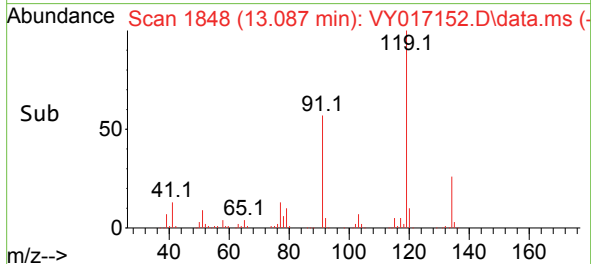
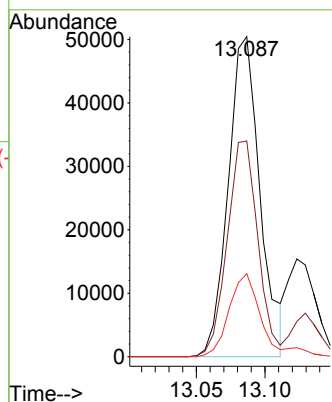
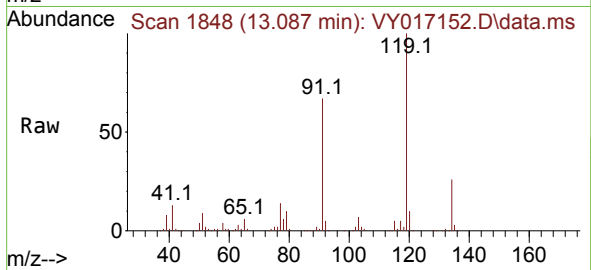
Tgt Ion:119 Resp: 81546

Ion Ratio Lower Upper

119 100

91 65.1 31.5 94.5

134 26.6 13.1 39.3



#84

1,2,4-Trimethylbenzene

Concen: 20.969 ug/l

RT: 13.129 min Scan# 1855

Delta R.T. 0.000 min

Lab File: VY017152.D

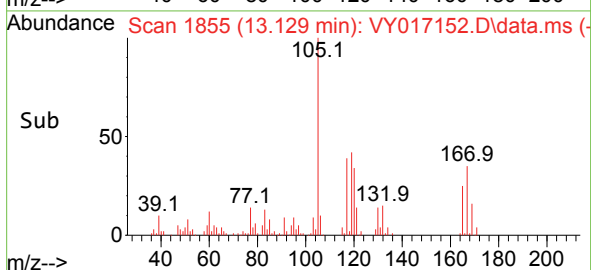
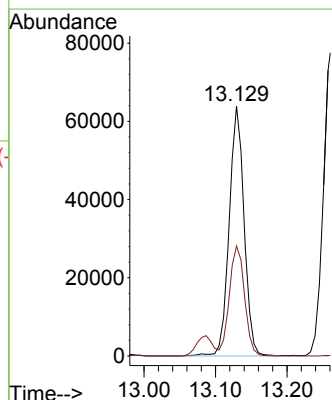
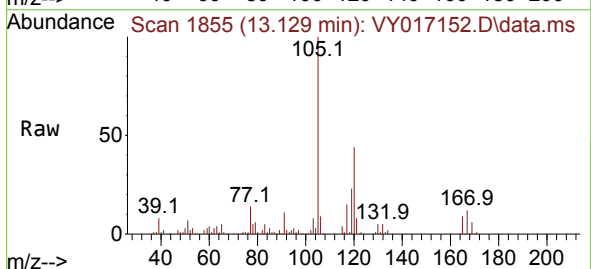
Acq: 31 Jan 2024 11:35

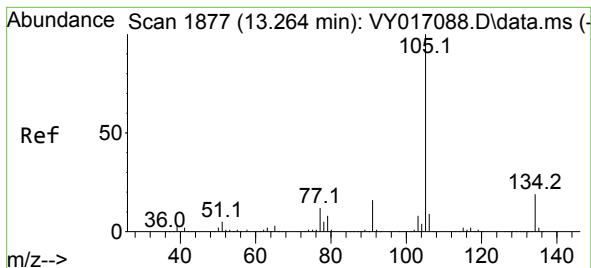
Tgt Ion:105 Resp: 92416

Ion Ratio Lower Upper

105 100

120 44.5 22.1 66.3





#85

sec-Butylbenzene

Concen: 21.533 ug/l

RT: 13.264 min Scan# 1877

Delta R.T. 0.001 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

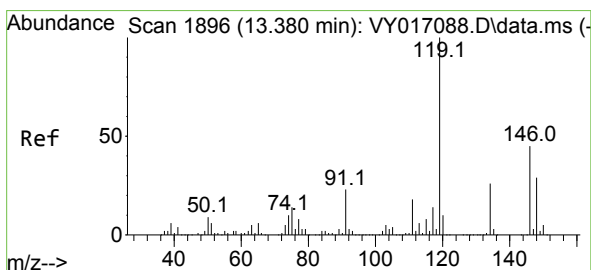
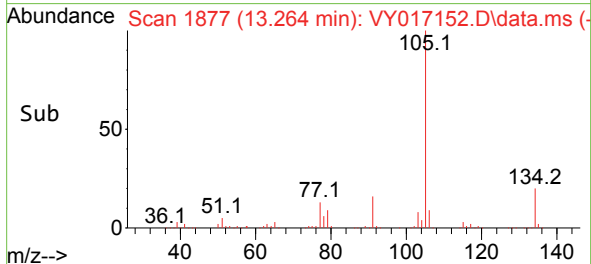
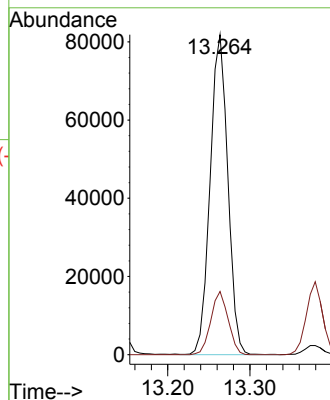
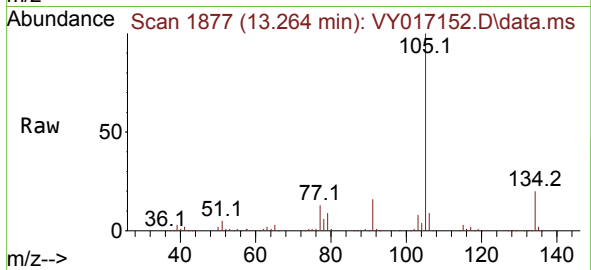
VY0131SBS01

Tgt Ion:105 Resp: 122293

Ion Ratio Lower Upper

105 100

134 19.3 9.7 28.9



#86

p-Isopropyltoluene

Concen: 21.356 ug/l

RT: 13.379 min Scan# 1896

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

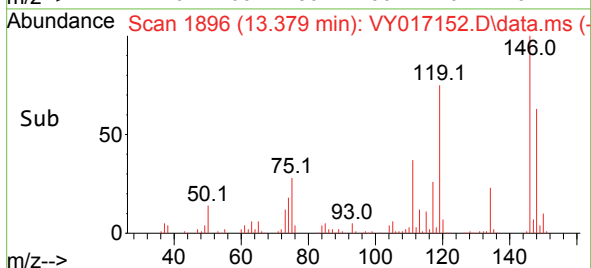
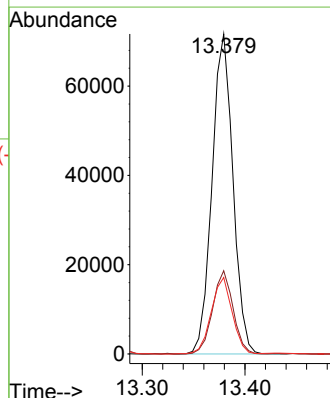
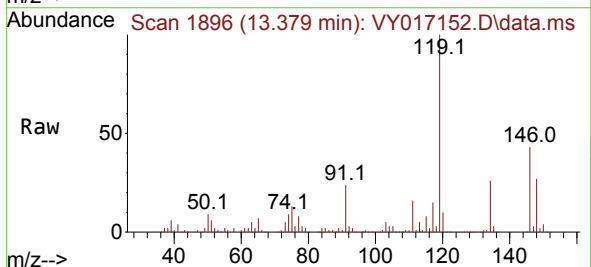
Tgt Ion:119 Resp: 101033

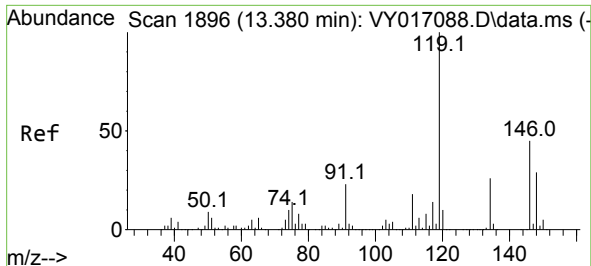
Ion Ratio Lower Upper

119 100

134 25.5 13.1 39.1

91 24.0 11.7 35.0





#87

1,3-Dichlorobenzene

Concen: 20.726 ug/l

RT: 13.373 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

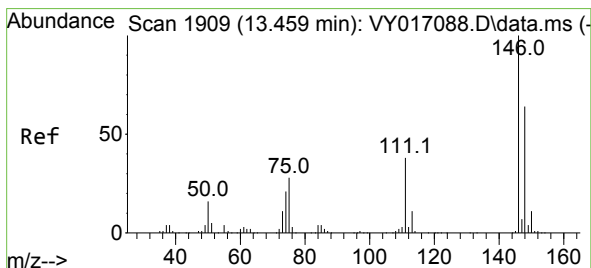
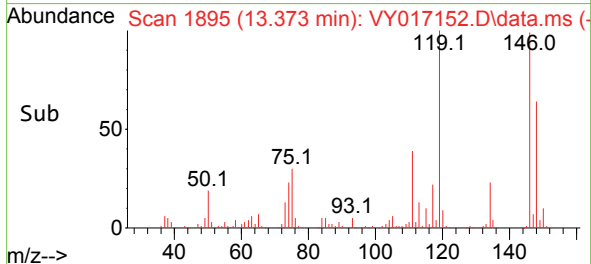
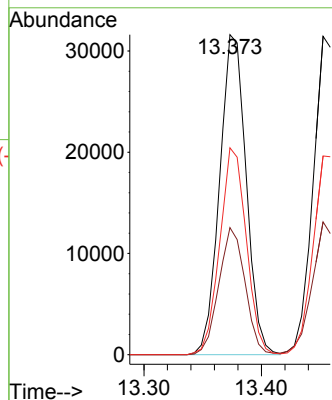
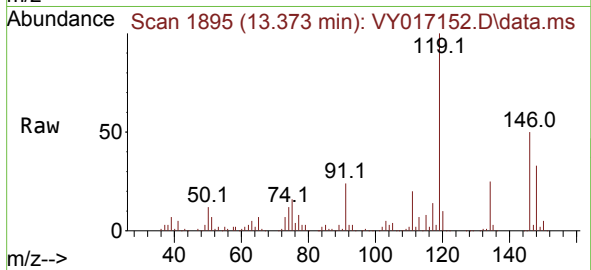
Tgt Ion:146 Resp: 49610

Ion Ratio Lower Upper

146 100

111 39.4 20.2 60.5

148 64.6 31.9 95.9



#88

1,4-Dichlorobenzene

Concen: 20.832 ug/l

RT: 13.453 min Scan# 1908

Delta R.T. 0.001 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

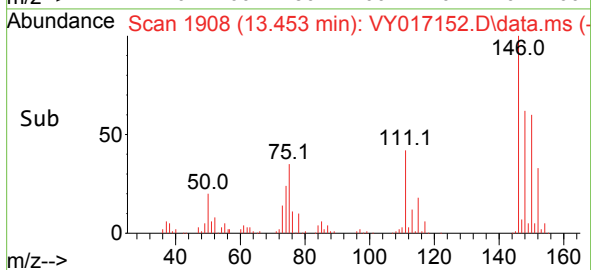
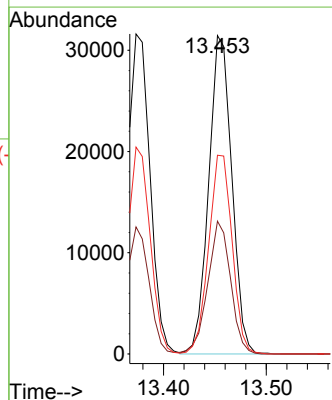
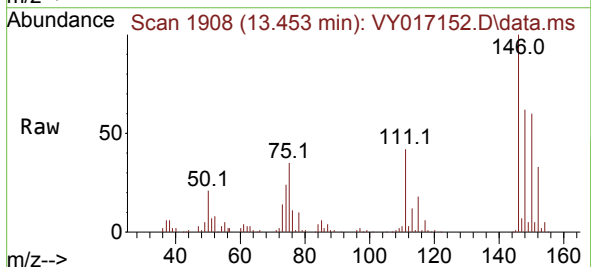
Tgt Ion:146 Resp: 49060

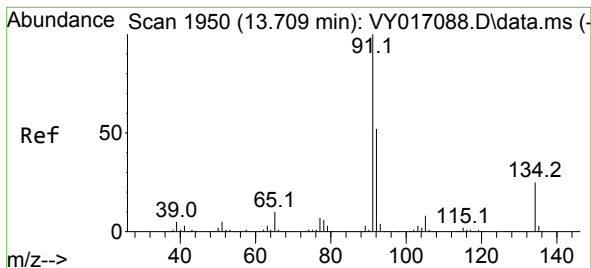
Ion Ratio Lower Upper

146 100

111 41.2 19.3 57.9

148 63.6 31.6 94.7





#89

n-Butylbenzene

Concen: 21.616 ug/l

RT: 13.702 min Scan# 1950

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

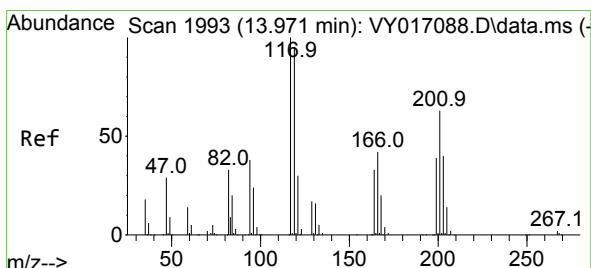
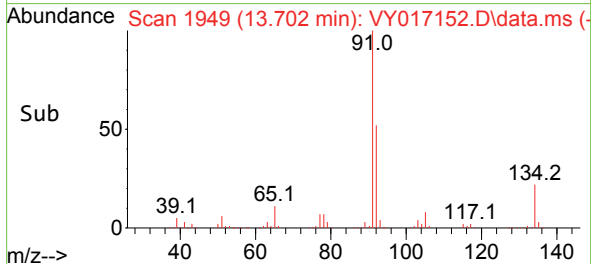
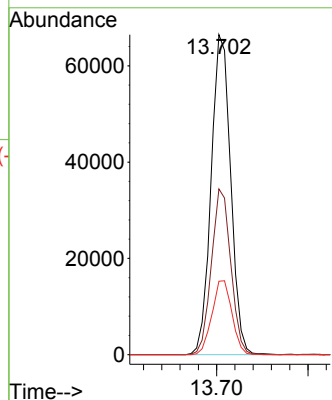
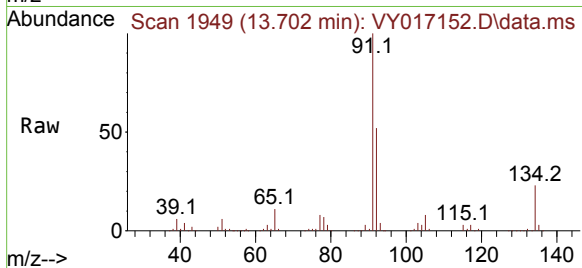
Tgt Ion: 91 Resp: 98638

Ion Ratio Lower Upper

91 100

92 51.4 26.4 79.2

134 23.7 12.3 36.8



#90

Hexachloroethane

Concen: 21.176 ug/l

RT: 13.971 min Scan# 1993

Delta R.T. -0.000 min

Lab File: VY017152.D

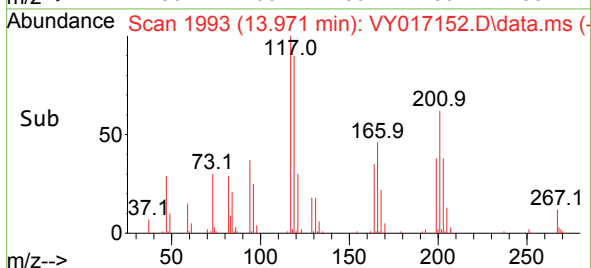
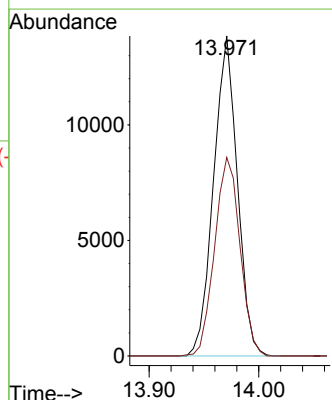
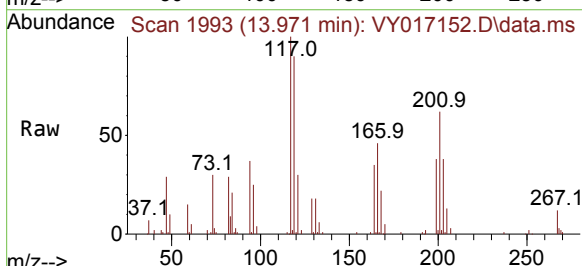
Acq: 31 Jan 2024 11:35

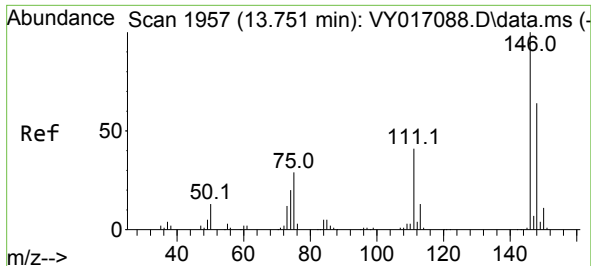
Tgt Ion: 117 Resp: 20881

Ion Ratio Lower Upper

117 100

201 66.1 33.4 100.1





#91

1,2-Dichlorobenzene

Concen: 21.182 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

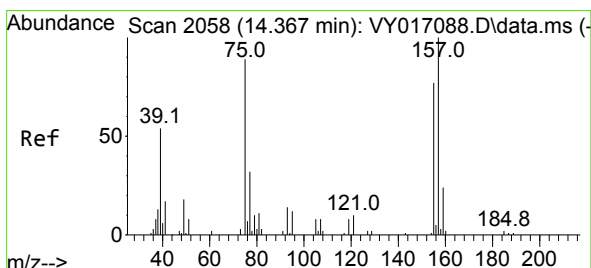
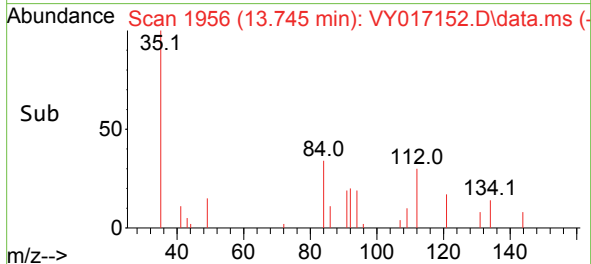
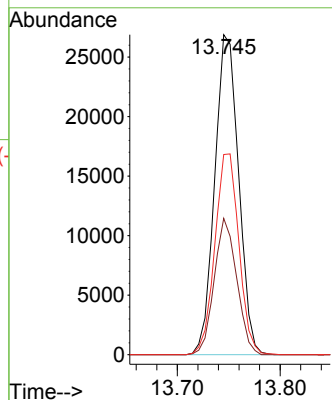
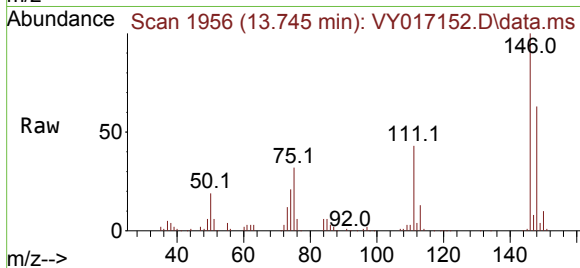
Tgt Ion:146 Resp: 43298

Ion Ratio Lower Upper

146 100

111 40.2 20.5 61.6

148 63.3 31.4 94.3



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.886 ug/l

RT: 14.367 min Scan# 2058

Delta R.T. 0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

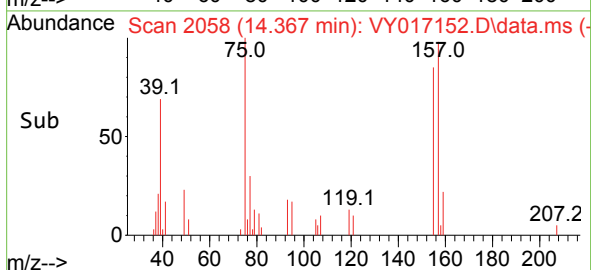
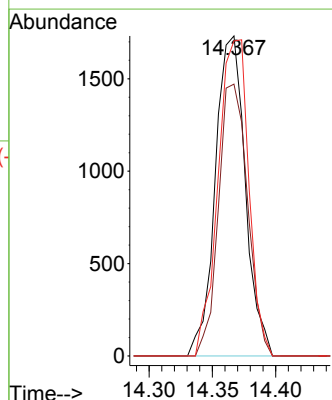
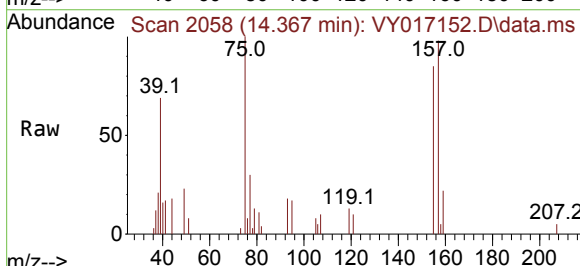
Tgt Ion: 75 Resp: 2850

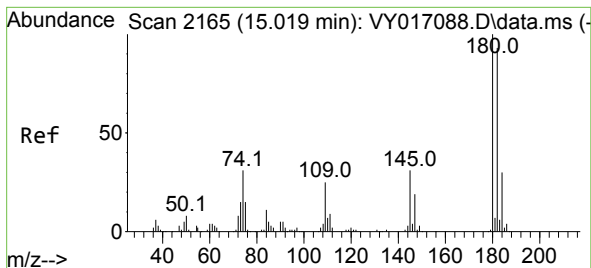
Ion Ratio Lower Upper

75 100

155 82.6 42.1 126.3

157 101.4 55.8 167.4





#93

1,2,4-Trichlorobenzene

Concen: 20.098 ug/l

RT: 15.013 min Scan# 2164

Delta R.T. -0.006 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

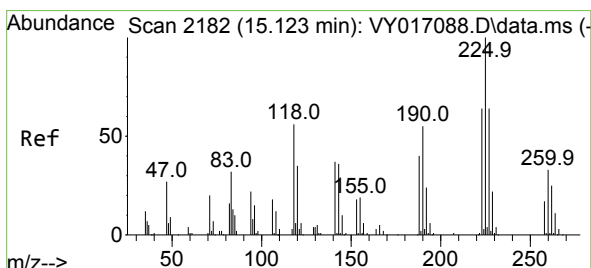
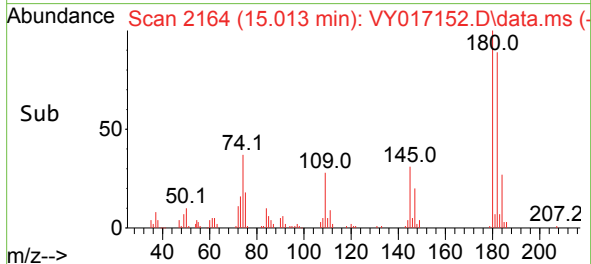
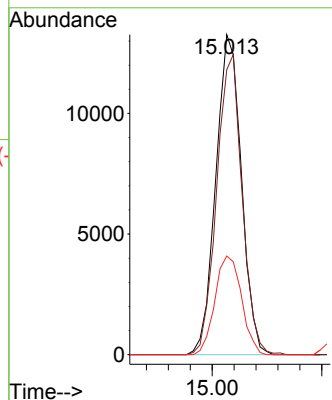
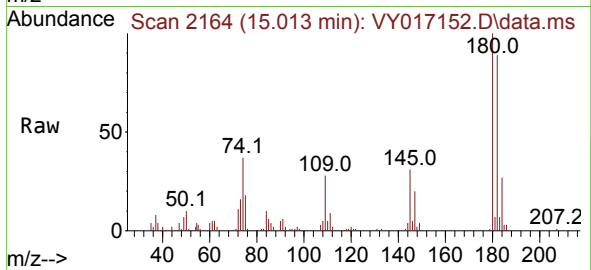
Tgt Ion:180 Resp: 21469

Ion Ratio Lower Upper

180 100

182 93.1 47.9 143.7

145 32.1 15.9 47.7



#94

Hexachlorobutadiene

Concen: 20.369 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

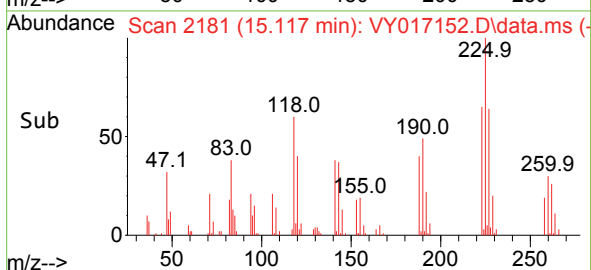
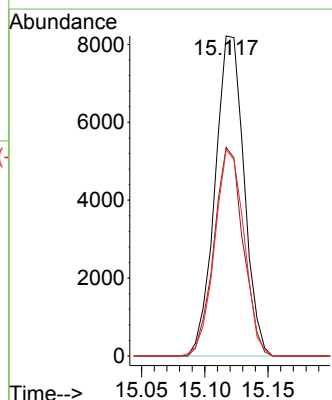
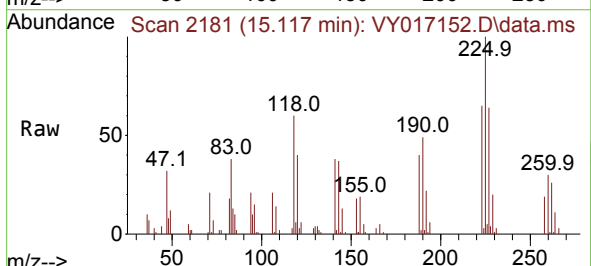
Tgt Ion:225 Resp: 13095

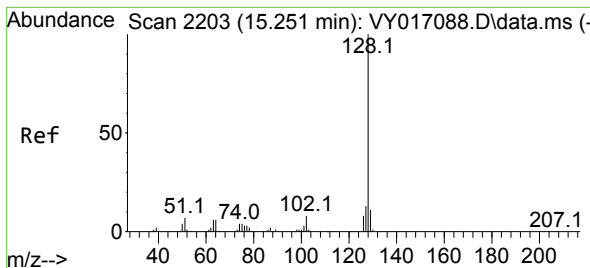
Ion Ratio Lower Upper

225 100

223 65.3 31.4 94.3

227 65.4 32.3 96.8





#95

Naphthalene

Concen: 19.580 ug/l

RT: 15.245 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBS01

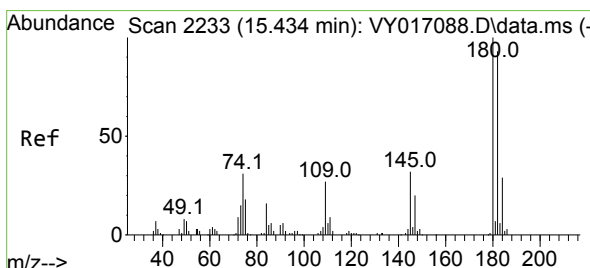
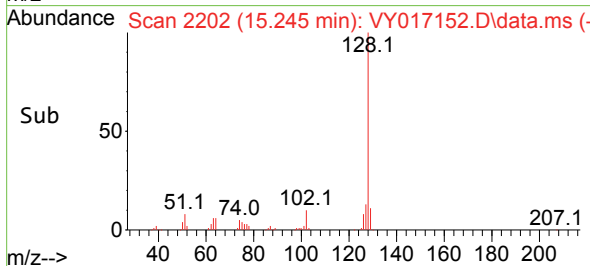
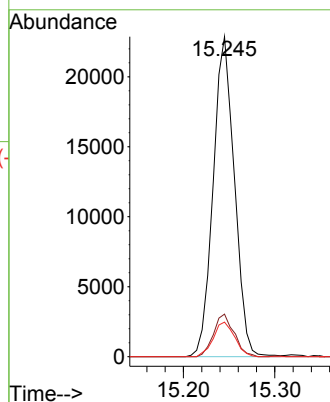
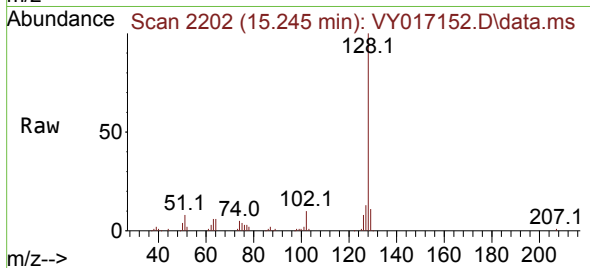
Tgt Ion:128 Resp: 36940

Ion Ratio Lower Upper

128 100

127 12.9 10.2 15.4

129 10.9 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 20.060 ug/l

RT: 15.434 min Scan# 2233

Delta R.T. -0.000 min

Lab File: VY017152.D

Acq: 31 Jan 2024 11:35

Tgt Ion:180 Resp: 17827

Ion Ratio Lower Upper

180 100

182 97.9 46.3 138.8

145 31.1 16.1 48.2

