

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY022924\
 Data File : VY017530.D
 Acq On : 29 Feb 2024 16:03
 Operator : SY/MD
 Sample : VY0229SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBS01

Quant Time: Mar 01 00:31:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	132201	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	206468	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	181311	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	84496	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	60004	47.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.780%
35) Dibromofluoromethane	7.722	113	68658	47.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.440%
50) Toluene-d8	10.185	98	253850	50.464	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.920%
62) 4-Bromofluorobenzene	12.483	95	78203	49.467	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.940%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	22855	23.436	ug/l	96
3) Chloromethane	2.113	50	38054	21.357	ug/l	96
4) Vinyl Chloride	2.253	62	49786	21.780	ug/l	99
5) Bromomethane	2.643	94	42925	23.043	ug/l	100
6) Chloroethane	2.790	64	32528	22.557	ug/l	95
7) Trichlorofluoromethane	3.119	101	53883	23.128	ug/l	99
8) Diethyl Ether	3.527	74	15311	22.407	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.899	101	32018	23.893	ug/l	100
10) Methyl Iodide	4.094	142	31878	21.197	ug/l	100
11) Tert butyl alcohol	4.954	59	12557	117.987	ug/l #	93
12) 1,1-Dichloroethene	3.869	96	28805	23.065	ug/l	94
13) Acrolein	3.729	56	18092	128.836	ug/l	98
14) Allyl chloride	4.478	41	33761	22.373	ug/l	96
15) Acrylonitrile	5.167	53	31977	113.840	ug/l	100
16) Acetone	3.954	43	21611	88.929	ug/l	89
17) Carbon Disulfide	4.198	76	80575	21.495	ug/l	97
18) Methyl Acetate	4.485	43	12000	20.354	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	65389	22.464	ug/l	97
20) Methylene Chloride	4.716	84	53544	35.964	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	33327	22.792	ug/l	94
22) Diisopropyl ether	6.125	45	81452	23.392	ug/l	97
23) Vinyl Acetate	6.064	43	239271	115.314	ug/l	98
24) 1,1-Dichloroethane	6.027	63	55194	23.201	ug/l	98
25) 2-Butanone	6.990	43	35169	101.549	ug/l	100
26) 2,2-Dichloropropane	6.984	77	46094	23.046	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	37651	22.933	ug/l	98
28) Bromochloromethane	7.338	49	21883	23.357	ug/l	96
29) Tetrahydrofuran	7.350	42	23947	114.706	ug/l	98
30) Chloroform	7.515	83	59801	23.611	ug/l	100
31) Cyclohexane	7.789	56	45576	22.352	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	49965	22.723	ug/l	98
36) 1,1-Dichloropropene	7.923	75	44910	23.136	ug/l	98
37) Ethyl Acetate	7.076	43	16499	21.520	ug/l #	97
38) Carbon Tetrachloride	7.905	117	45501	23.388	ug/l	100
39) Methylcyclohexane	9.185	83	51927	22.259	ug/l	94
40) Benzene	8.167	78	133005	23.072	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	8326	21.641	ug/l #	78
42) 1,2-Dichloroethane	8.240	62	32549	23.142	ug/l	98
43) Isopropyl Acetate	8.277	43	30498	22.637	ug/l	100
44) Trichloroethene	8.947	130	36960	22.244	ug/l	96
45) 1,2-Dichloropropane	9.222	63	31659	23.083	ug/l	97
46) Dibromomethane	9.313	93	17833	22.719	ug/l	97
47) Bromodichloromethane	9.502	83	44028	23.101	ug/l	96
48) Methyl methacrylate	9.295	41	13428	21.532	ug/l	94
49) 1,4-Dioxane	9.307	88	3799	427.666	ug/l #	99
51) 4-Methyl-2-Pentanone	10.075	43	81979	109.178	ug/l	98
52) Toluene	10.246	92	83660	23.020	ug/l	99
53) t-1,3-Dichloropropene	10.471	75	40069	22.651	ug/l	92
54) cis-1,3-Dichloropropene	9.935	75	46750	21.750	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	26240	23.545	ug/l	93
56) Ethyl methacrylate	10.514	69	27173	21.351	ug/l	99
57) 1,3-Dichloropropane	10.794	76	41423	22.861	ug/l	98
59) 2-Hexanone	10.837	43	53927	104.558	ug/l	100
60) Dibromochloromethane	10.989	129	30582	23.196	ug/l	99
61) 1,2-Dibromoethane	11.093	107	23748	23.123	ug/l	98
64) Tetrachloroethene	10.727	164	38363	22.044	ug/l	96
65) Chlorobenzene	11.520	112	89719	23.313	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	32694	22.676	ug/l	100
67) Ethyl Benzene	11.599	91	153109	22.685	ug/l	96
68) m/p-Xylenes	11.709	106	121875	45.955	ug/l	98
69) o-Xylene	12.032	106	55133	22.408	ug/l	100
70) Styrene	12.050	104	92781	22.718	ug/l	98
71) Bromoform	12.215	173	18111	22.668	ug/l #	97
73) Isopropylbenzene	12.337	105	145336	23.152	ug/l	99
74) N-amyl acetate	12.148	43	25360	22.905	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.587	83	26577	24.654	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	32420	40.382	ug/l #	100
77) Bromobenzene	12.611	156	34829	22.910	ug/l	97
78) n-propylbenzene	12.672	91	181880	24.146	ug/l	100
79) 2-Chlorotoluene	12.764	91	98526	23.363	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	118088	23.480	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.386	75	8004	22.908	ug/l	98
82) 4-Chlorotoluene	12.861	91	100524	23.305	ug/l	98
83) tert-Butylbenzene	13.081	119	104143	23.581	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	116987	23.562	ug/l	100
85) sec-Butylbenzene	13.257	105	158624	23.493	ug/l	100
86) p-Isopropyltoluene	13.373	119	128646	23.275	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	69095	22.644	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	69620	23.468	ug/l	99
89) n-Butylbenzene	13.702	91	119519	23.700	ug/l	98
90) Hexachloroethane	13.965	117	25827	23.307	ug/l	97
91) 1,2-Dichlorobenzene	13.745	146	59408	23.017	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	3104	20.482	ug/l	93
93) 1,2,4-Trichlorobenzene	15.013	180	29792	21.852	ug/l	99
94) Hexachlorobutadiene	15.117	225	19968	23.723	ug/l	99
95) Naphthalene	15.239	128	48648	20.888	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	25326	21.654	ug/l	99

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Quant Title : SW846 8260
QLast Update : Sat Feb 24 04:41:20 2024
Response via : Initial Calibration

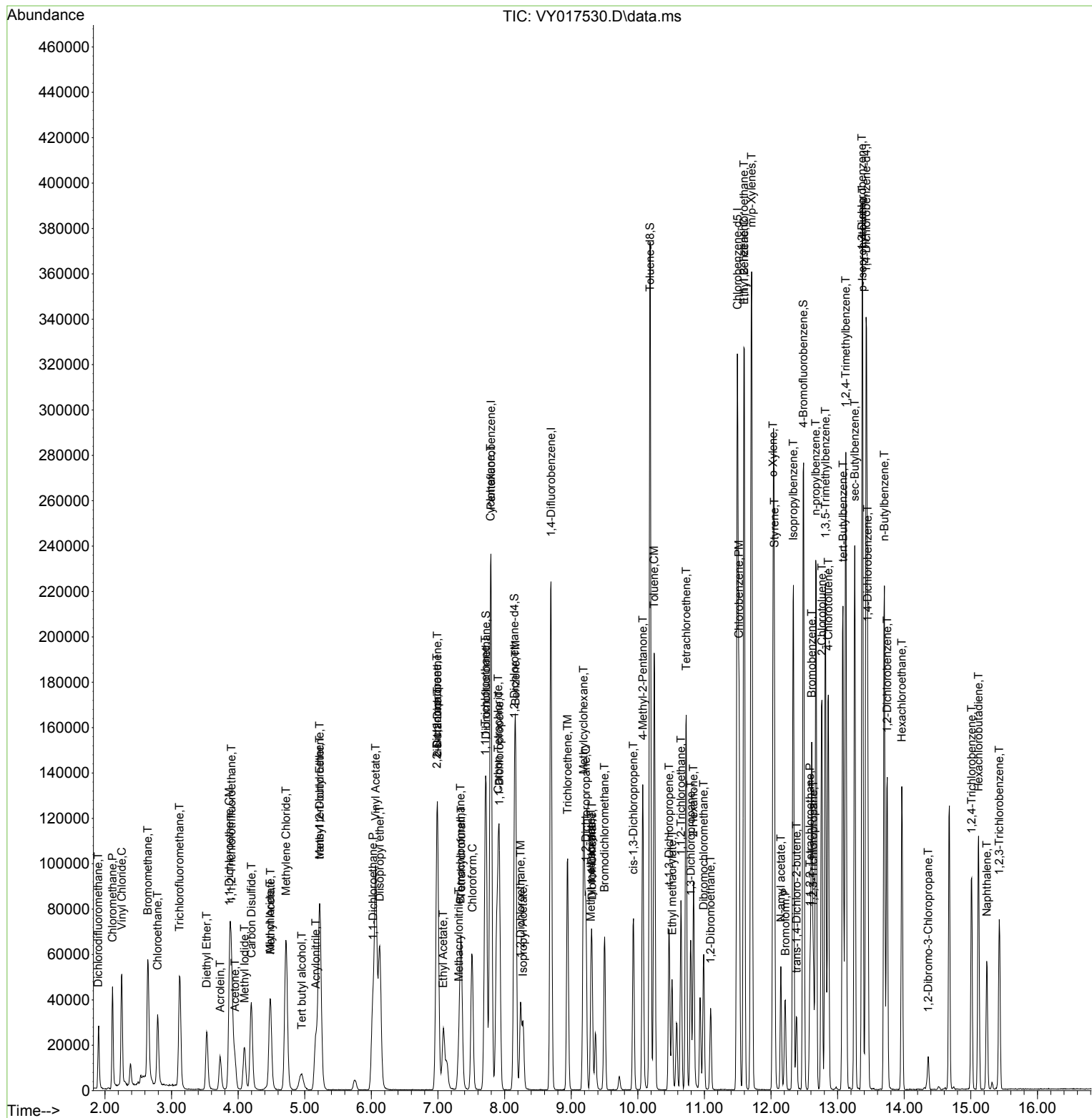
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

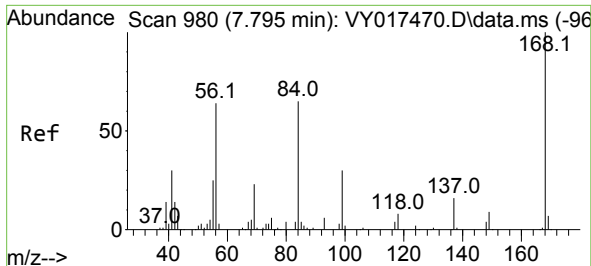
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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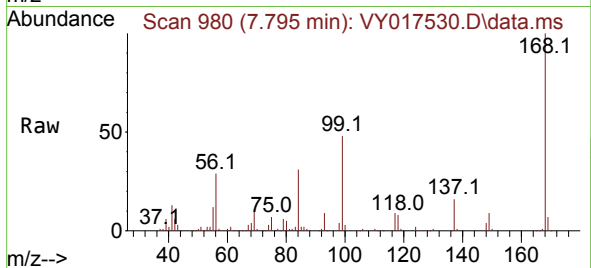
Quant Time: Mar 01 00:31:10 2024
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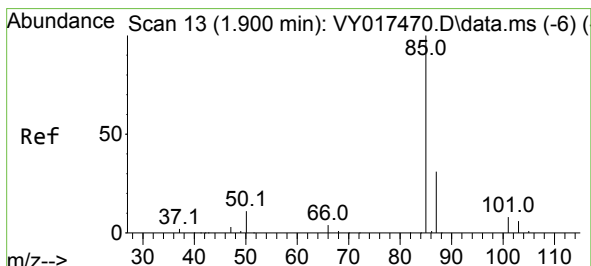
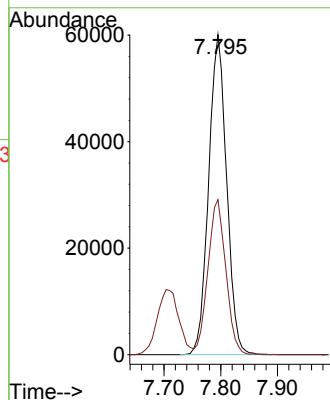
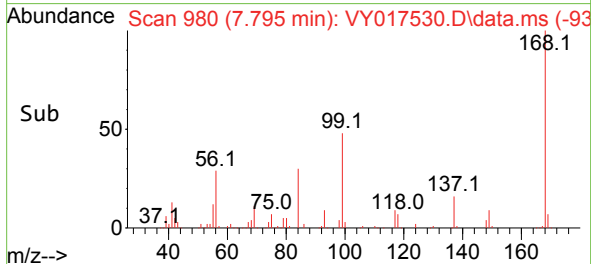


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY017530.D
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Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

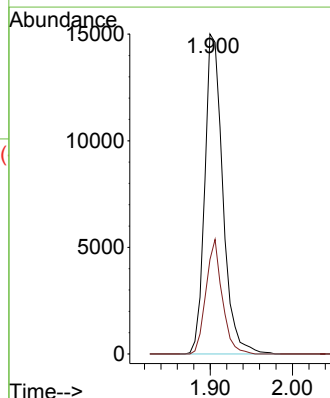
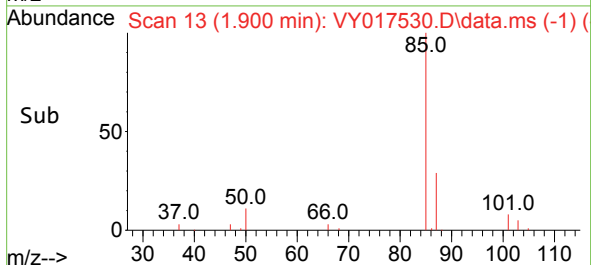
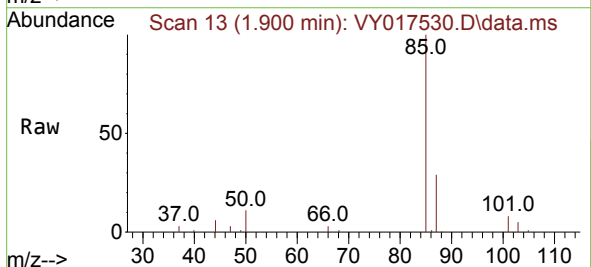


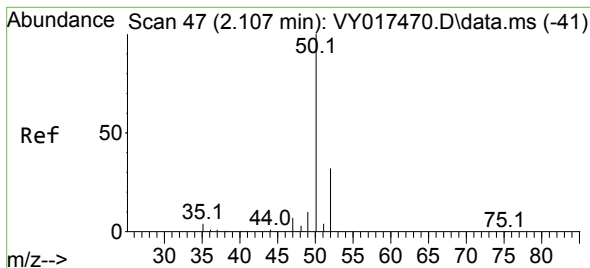
Tgt Ion:168 Resp: 132201
Ion Ratio Lower Upper
168 100
99 48.4 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 23.436 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 85 Resp: 22855
Ion Ratio Lower Upper
85 100
87 29.5 16.0 48.0





#3

Chloromethane

Concen: 21.357 ug/l

RT: 2.113 min Scan# 41

Delta R.T. 0.006 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

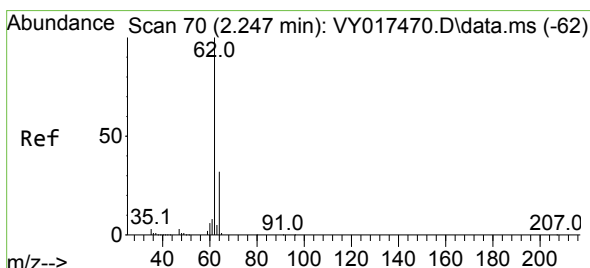
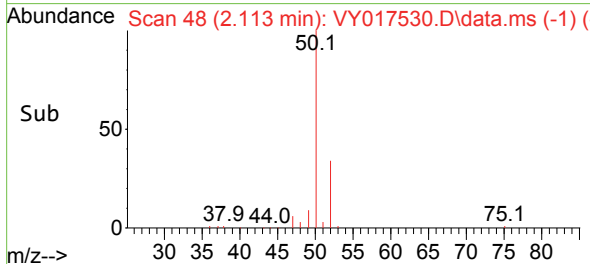
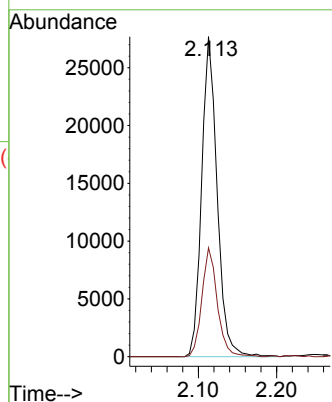
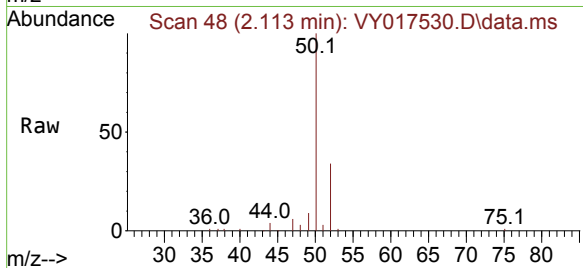
VY0229SBS01

Tgt Ion: 50 Resp: 38054

Ion Ratio Lower Upper

50 100

52 34.0 25.6 38.4



#4

Vinyl Chloride

Concen: 21.780 ug/l

RT: 2.253 min Scan# 71

Delta R.T. 0.006 min

Lab File: VY017530.D

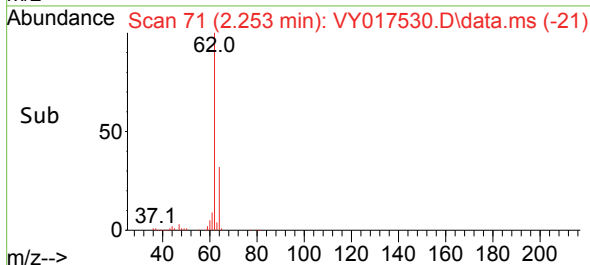
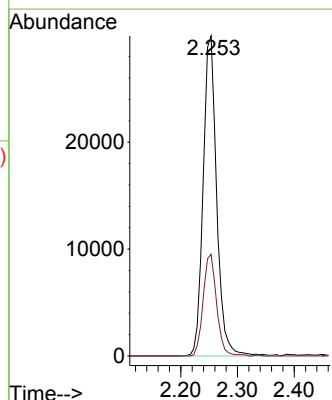
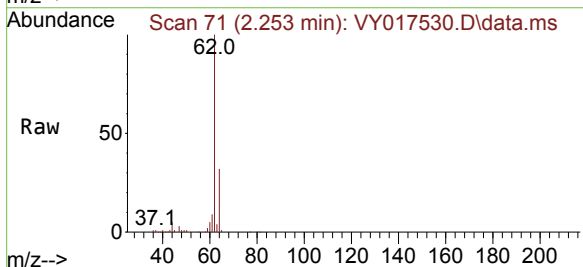
Acq: 29 Feb 2024 16:03

Tgt Ion: 62 Resp: 49786

Ion Ratio Lower Upper

62 100

64 31.8 26.1 39.1

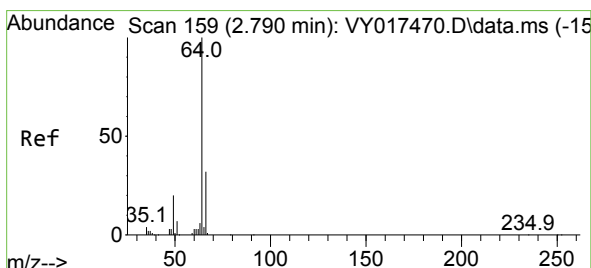
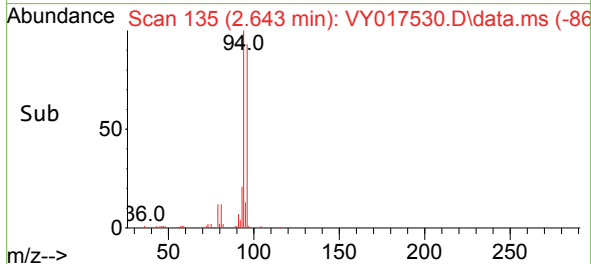
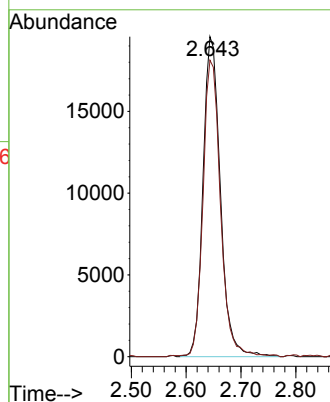
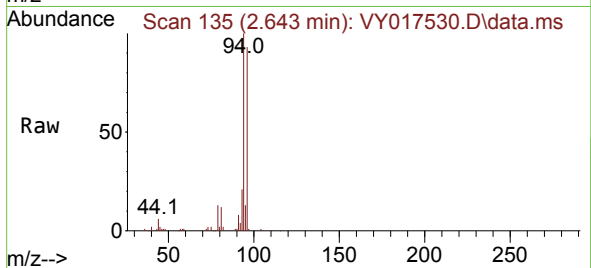




#5
Bromomethane
Concen: 23.043 ug/l
RT: 2.643 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

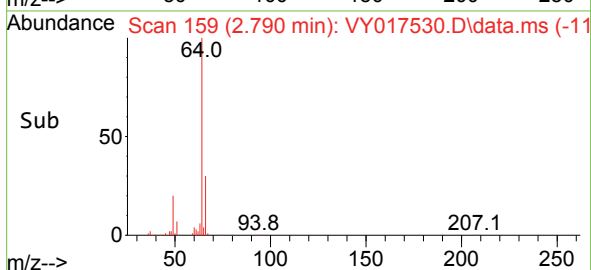
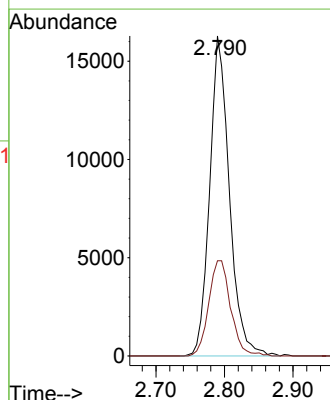
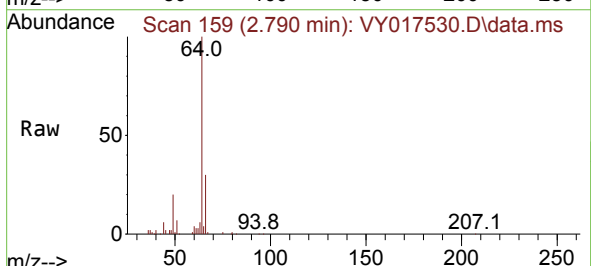
Instrument :
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Tgt Ion: 94 Resp: 42925
Ion Ratio Lower Upper
94 100
96 92.6 74.1 111.1



#6
Chloroethane
Concen: 22.557 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 64 Resp: 32528
Ion Ratio Lower Upper
64 100
66 29.7 26.1 39.1

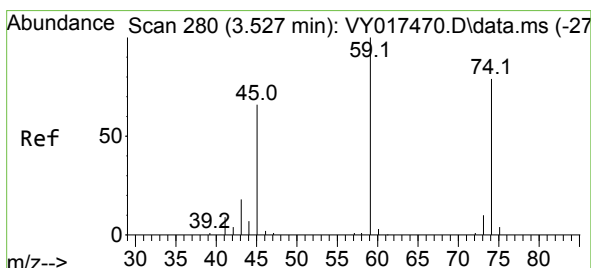
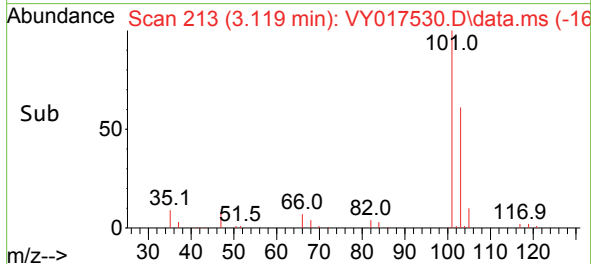
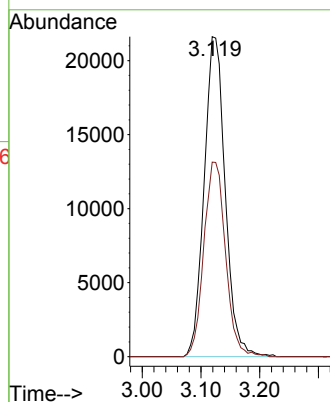
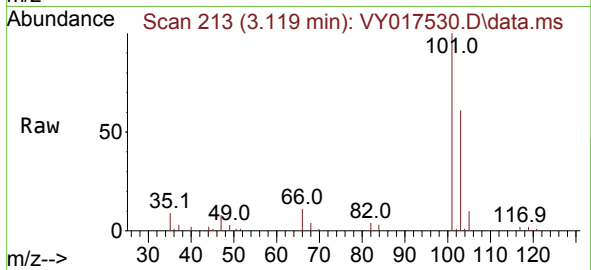




#7
 Trichlorofluoromethane
 Concen: 23.128 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY017530.D
 Acq: 29 Feb 2024 16:03

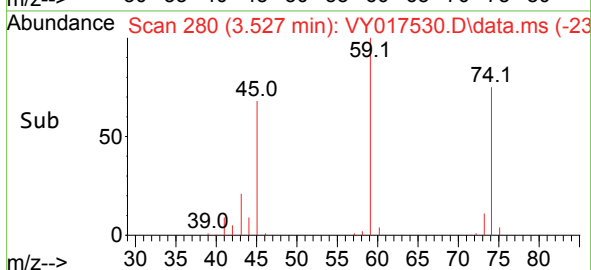
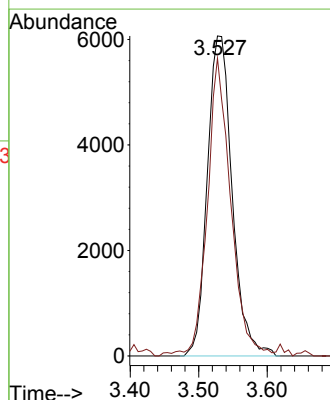
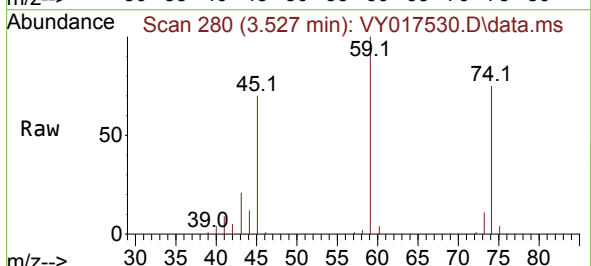
Instrument :
 MSVOA_Y
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 VY0229SBS01

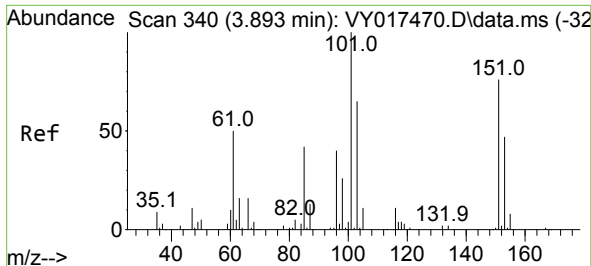
Tgt Ion:101 Resp: 53883
 Ion Ratio Lower Upper
 101 100
 103 60.8 49.3 73.9



#8
 Diethyl Ether
 Concen: 22.407 ug/l
 RT: 3.527 min Scan# 280
 Delta R.T. 0.000 min
 Lab File: VY017530.D
 Acq: 29 Feb 2024 16:03

Tgt Ion: 74 Resp: 15311
 Ion Ratio Lower Upper
 74 100
 45 87.6 41.3 124.1

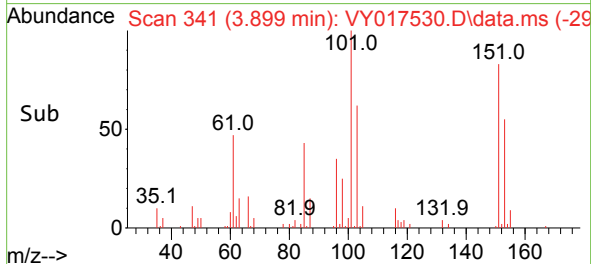
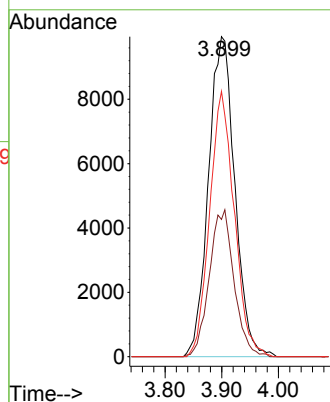
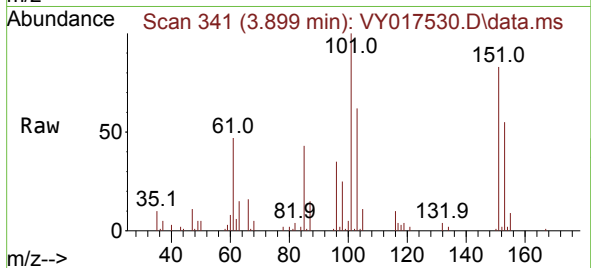




#9
1,1,2-Trichlorotrifluoroethane
Concen: 23.893 ug/l
RT: 3.899 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY017530.D
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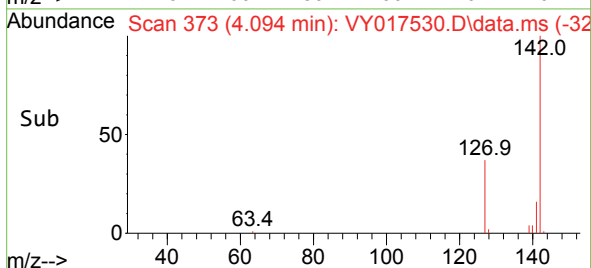
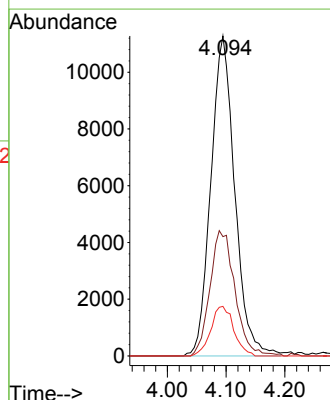
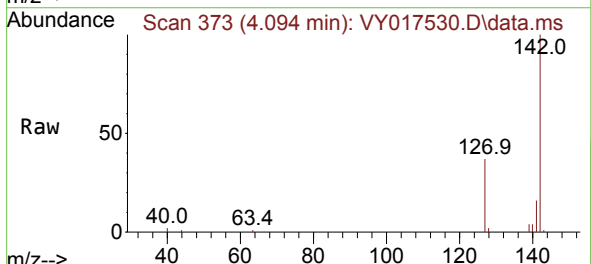
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

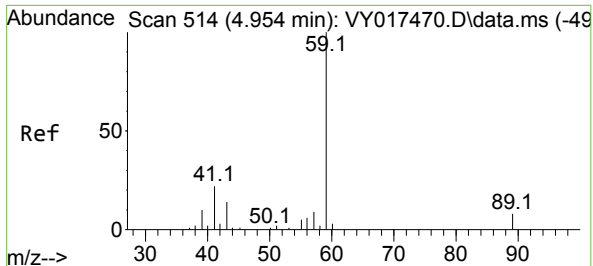
Tgt Ion:101 Resp: 32018
Ion Ratio Lower Upper
101 100
85 43.2 34.5 51.7
151 77.6 61.7 92.5



#10
Methyl Iodide
Concen: 21.197 ug/l
RT: 4.094 min Scan# 373
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion:142 Resp: 31878
Ion Ratio Lower Upper
142 100
127 41.0 32.8 49.2
141 14.9 11.4 17.2

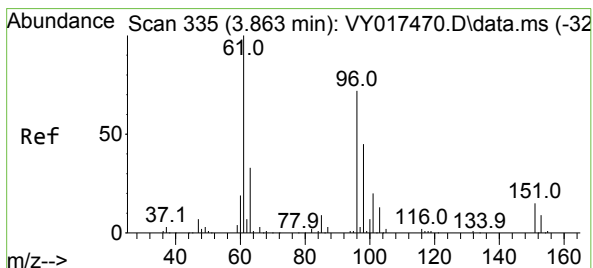
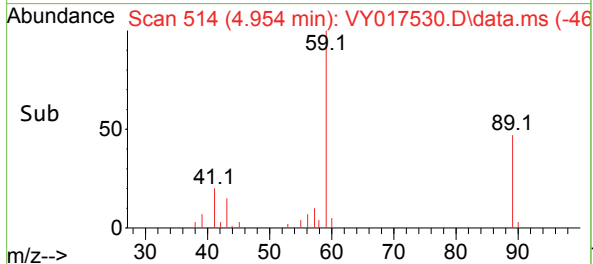
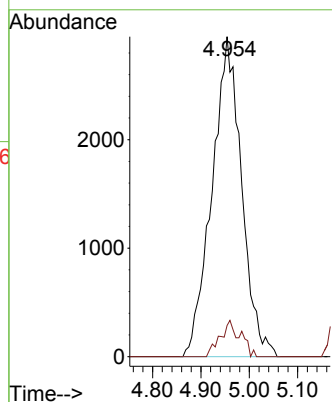
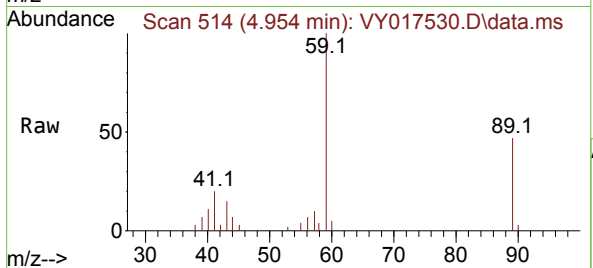




#11
Tert butyl alcohol
Concen: 117.987 ug/l
RT: 4.954 min Scan# 514
Delta R.T. -0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

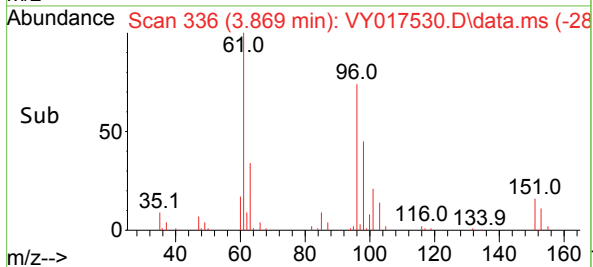
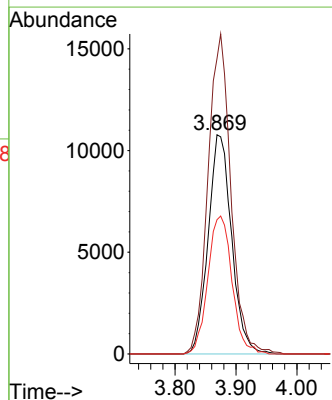
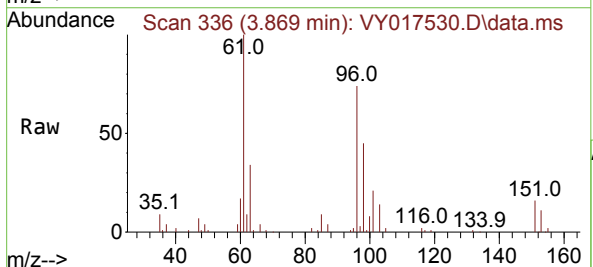
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

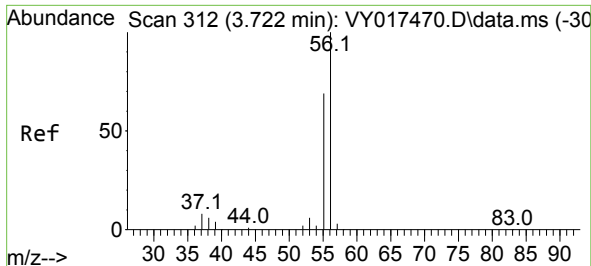
Tgt Ion: 59 Resp: 12557
Ion Ratio Lower Upper
59 100
57 5.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 23.065 ug/l
RT: 3.869 min Scan# 336
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 96 Resp: 28805
Ion Ratio Lower Upper
96 100
61 134.8 114.6 171.8
98 61.3 50.8 76.2

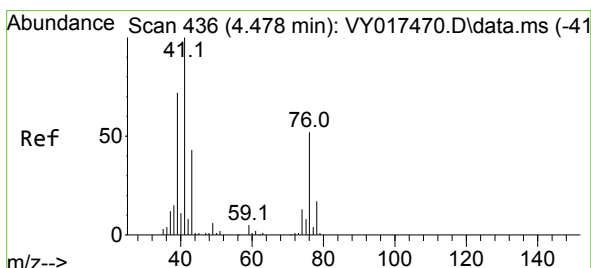
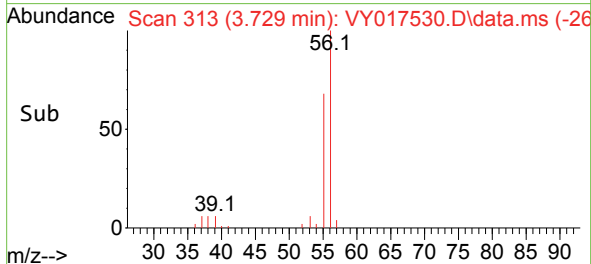
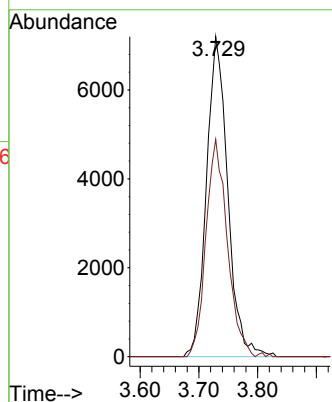
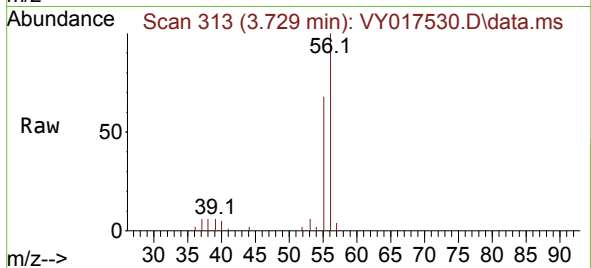




#13
Acrolein
Concen: 128.836 ug/l
RT: 3.729 min Scan# 312
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

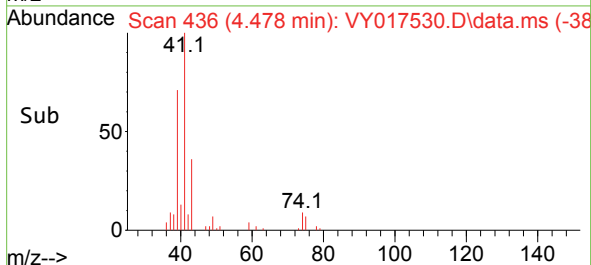
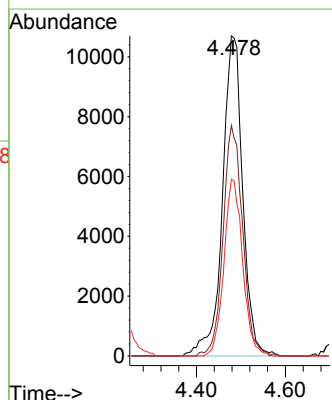
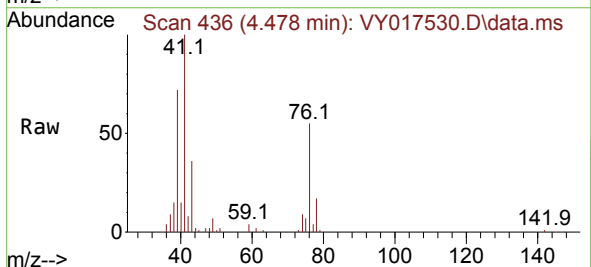
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

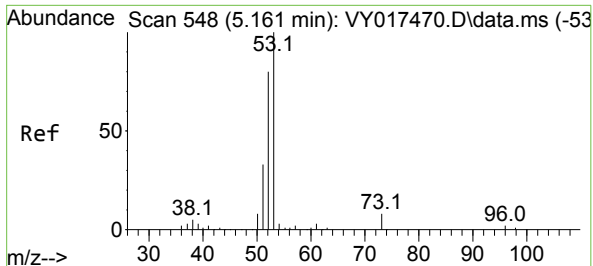
Tgt Ion: 56 Resp: 18092
Ion Ratio Lower Upper
56 100
55 68.2 55.7 83.5



#14
Allyl chloride
Concen: 22.373 ug/l
RT: 4.478 min Scan# 436
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 41 Resp: 33761
Ion Ratio Lower Upper
41 100
39 69.3 58.3 87.5
76 51.0 39.0 58.6





#15

Acrylonitrile

Concen: 113.840 ug/l

RT: 5.167 min Scan# 54

Delta R.T. 0.006 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

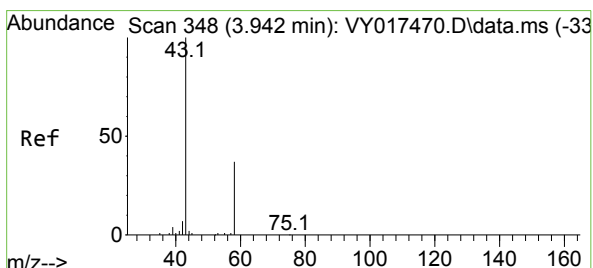
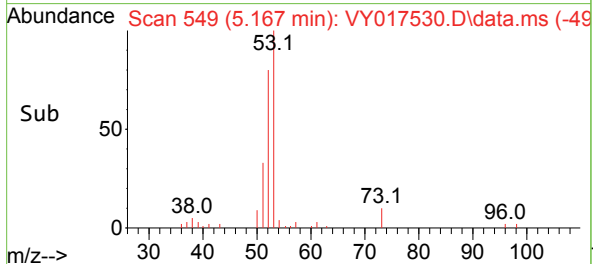
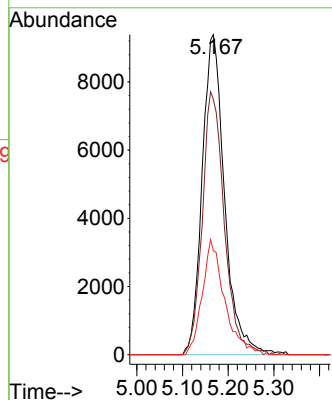
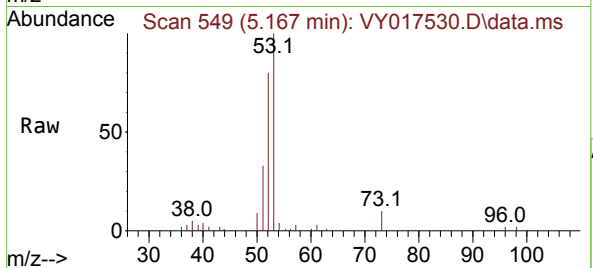
Tgt Ion: 53 Resp: 31977

Ion Ratio Lower Upper

53 100

52 80.7 64.7 97.1

51 35.9 28.4 42.6



#16

Acetone

Concen: 88.929 ug/l

RT: 3.954 min Scan# 350

Delta R.T. 0.012 min

Lab File: VY017530.D

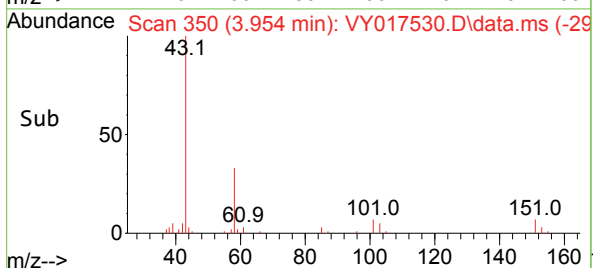
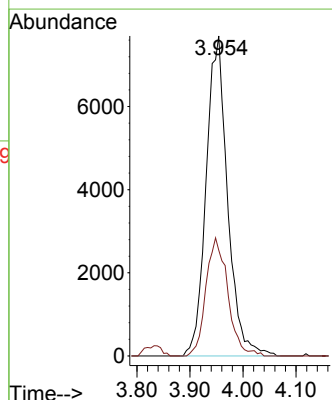
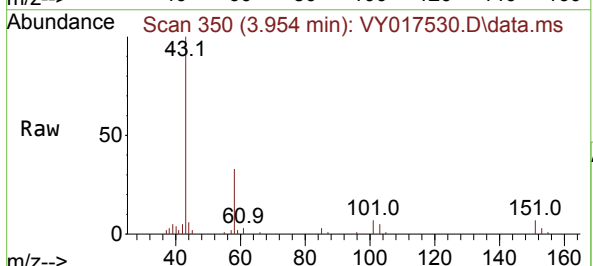
Acq: 29 Feb 2024 16:03

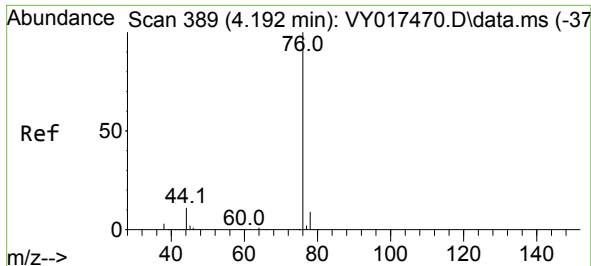
Tgt Ion: 43 Resp: 21611

Ion Ratio Lower Upper

43 100

58 33.0 31.7 47.5

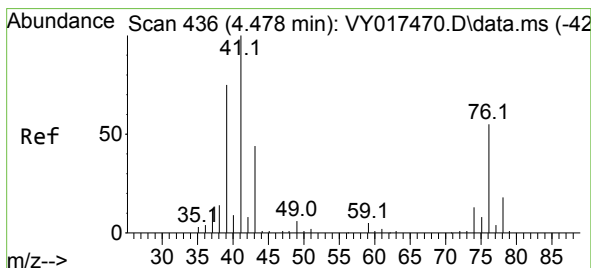
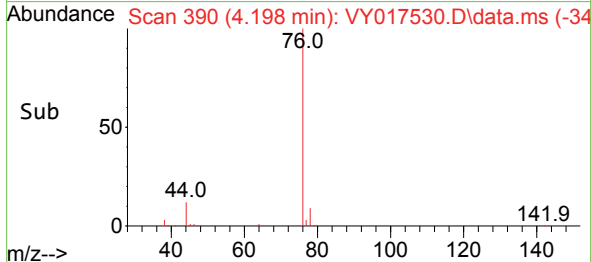
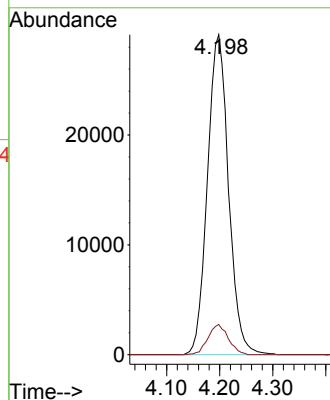
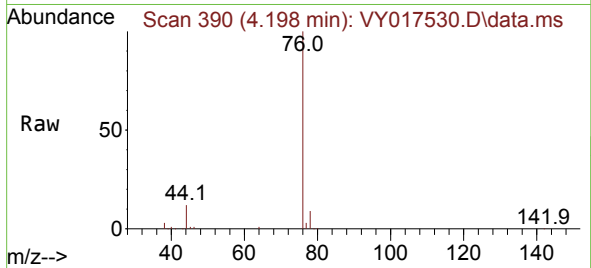




#17
Carbon Disulfide
Concen: 21.495 ug/l
RT: 4.198 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

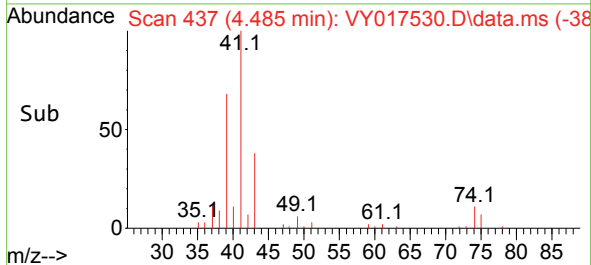
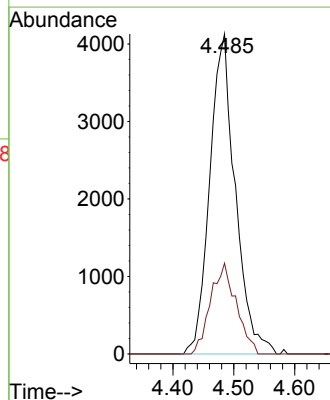
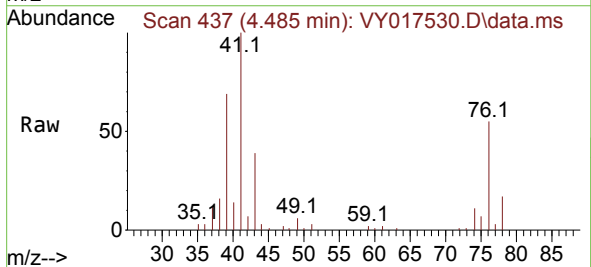
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBSD01

Tgt Ion: 76 Resp: 80575
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 20.354 ug/l
RT: 4.485 min Scan# 437
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 43 Resp: 12000
Ion Ratio Lower Upper
43 100
74 28.6 23.3 34.9

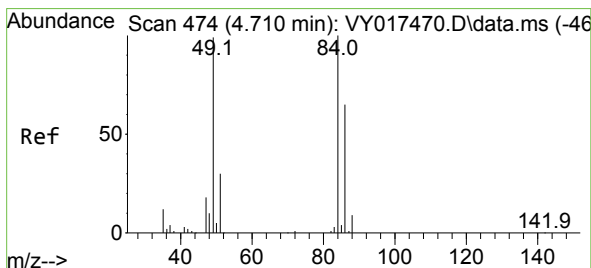
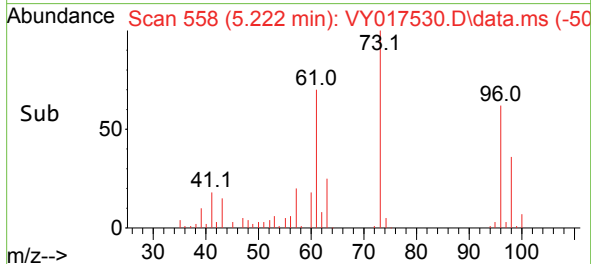
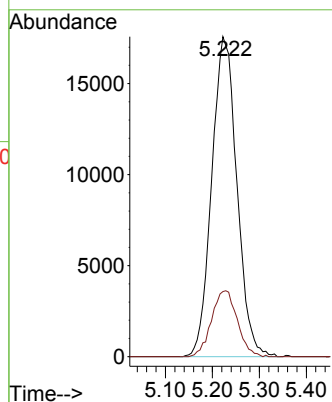
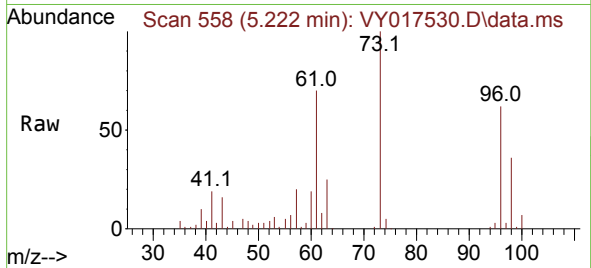




#19
Methyl tert-butyl Ether
Concen: 22.464 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

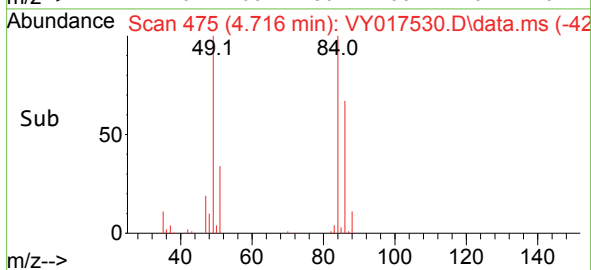
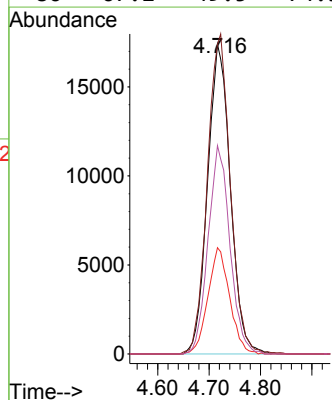
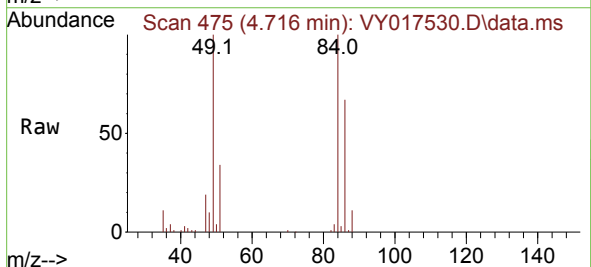
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

Tgt Ion: 73 Resp: 65389
Ion Ratio Lower Upper
73 100
57 20.3 17.3 25.9



#20
Methylene Chloride
Concen: 35.964 ug/l
RT: 4.716 min Scan# 475
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 84 Resp: 53544
Ion Ratio Lower Upper
84 100
49 99.9 84.4 126.6
51 34.3 26.0 39.0
86 67.2 49.5 74.3

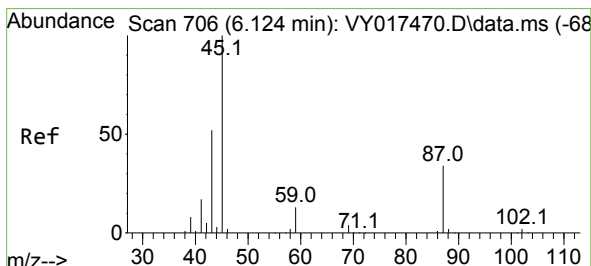
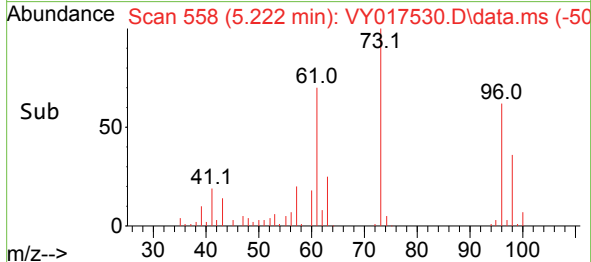
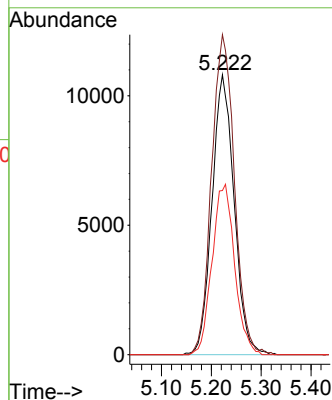
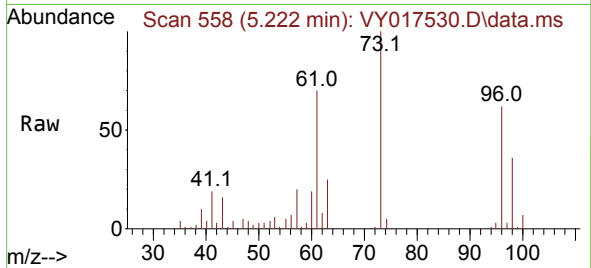




#21
trans-1,2-Dichloroethene
Concen: 22.792 ug/l
RT: 5.222 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

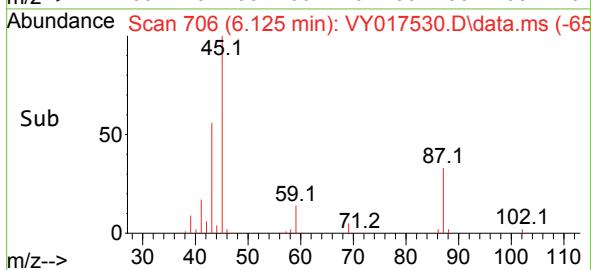
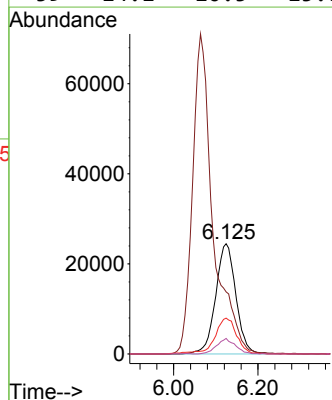
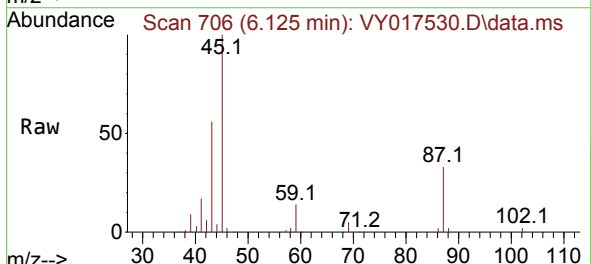
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

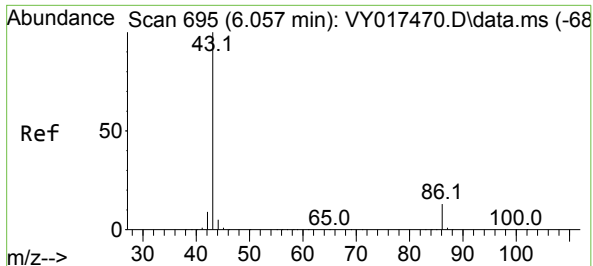
Tgt Ion: 96 Resp: 33327
Ion Ratio Lower Upper
96 100
61 114.3 97.5 146.3
98 58.7 50.5 75.7



#22
Diisopropyl ether
Concen: 23.392 ug/l
RT: 6.125 min Scan# 706
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 45 Resp: 81452
Ion Ratio Lower Upper
45 100
43 55.9 42.2 63.2
87 32.5 25.0 37.6
59 14.1 10.5 15.7

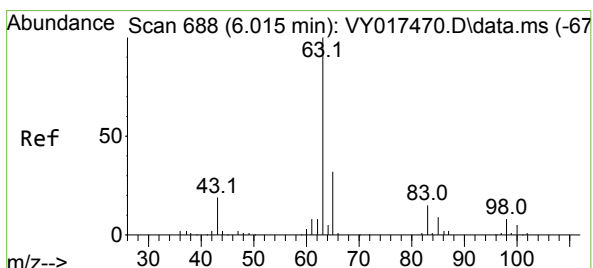
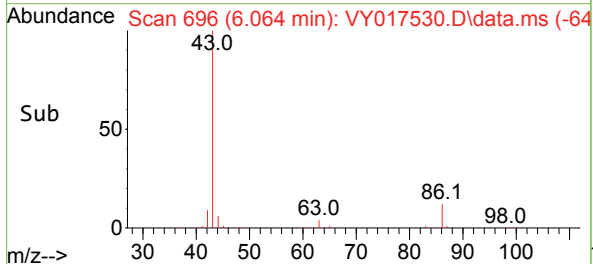
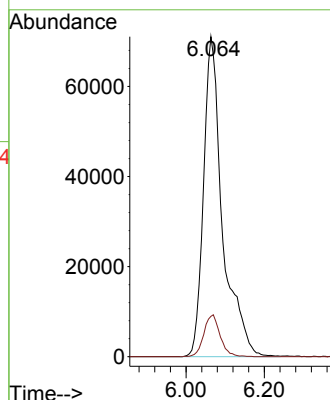
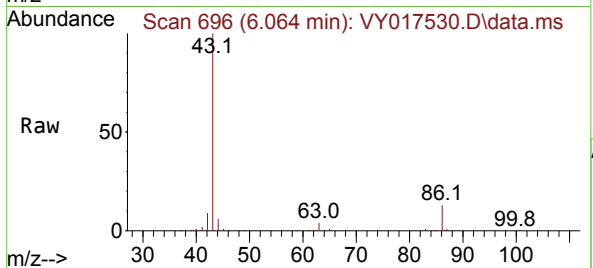




#23
 Vinyl Acetate
 Concen: 115.314 ug/l
 RT: 6.064 min Scan# 695
 Delta R.T. 0.006 min
 Lab File: VY017530.D
 Acq: 29 Feb 2024 16:03

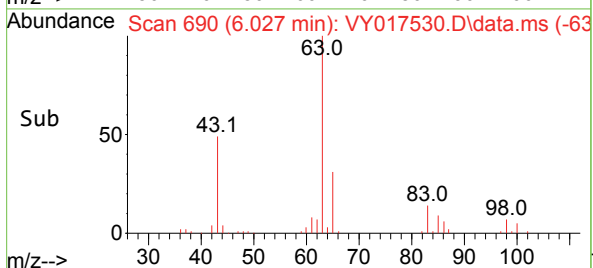
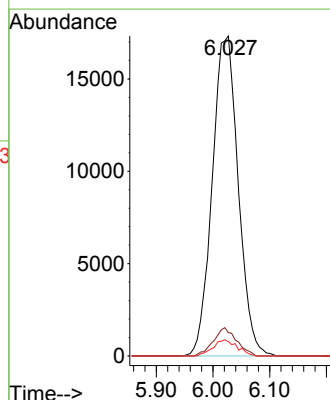
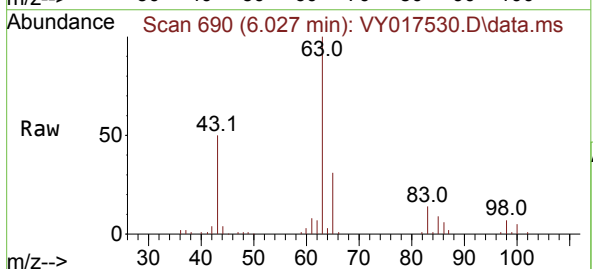
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBS01

Tgt Ion: 43 Resp: 239271
 Ion Ratio Lower Upper
 43 100
 86 12.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 23.201 ug/l
 RT: 6.027 min Scan# 690
 Delta R.T. 0.012 min
 Lab File: VY017530.D
 Acq: 29 Feb 2024 16:03

Tgt Ion: 63 Resp: 55194
 Ion Ratio Lower Upper
 63 100
 98 7.3 4.0 12.2
 100 4.5 2.6 8.0





#25

2-Butanone

Concen: 101.549 ug/l

RT: 6.990 min Scan# 84

Delta R.T. 0.006 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

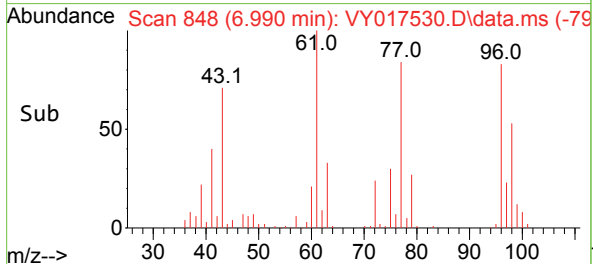
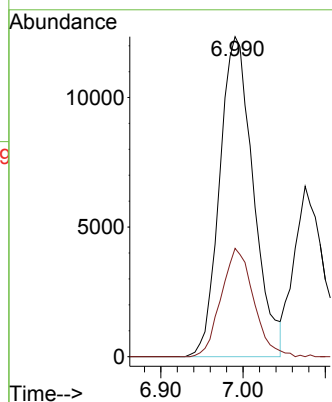
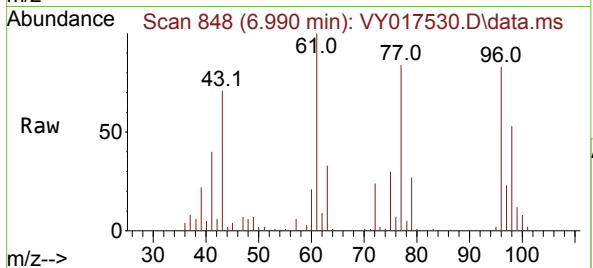
VY0229SBS01

Tgt Ion: 43 Resp: 35169

Ion Ratio Lower Upper

43 100

72 33.8 27.3 40.9



#26

2,2-Dichloropropane

Concen: 23.046 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY017530.D

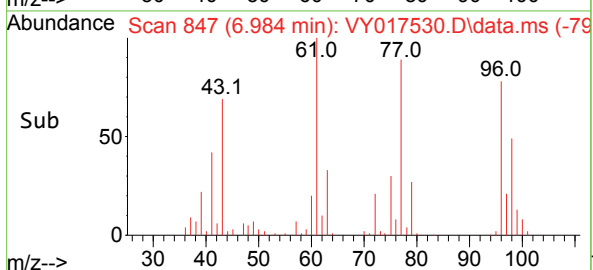
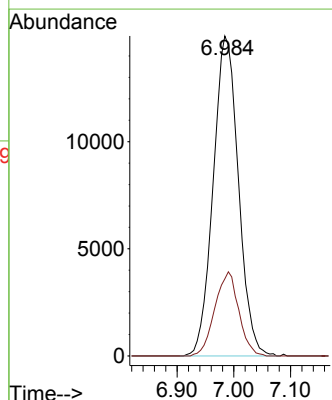
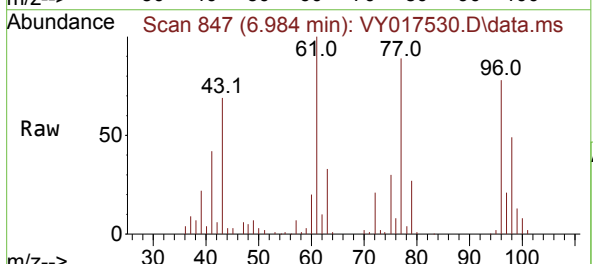
Acq: 29 Feb 2024 16:03

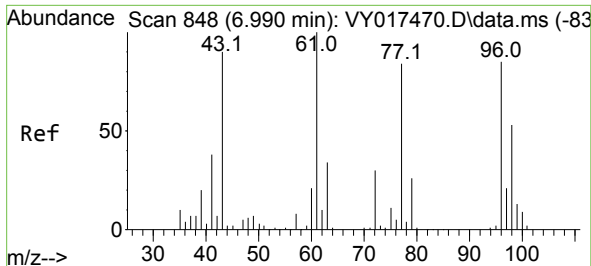
Tgt Ion: 77 Resp: 46094

Ion Ratio Lower Upper

77 100

97 24.9 12.0 36.1

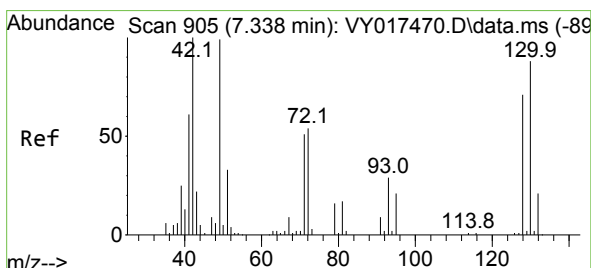
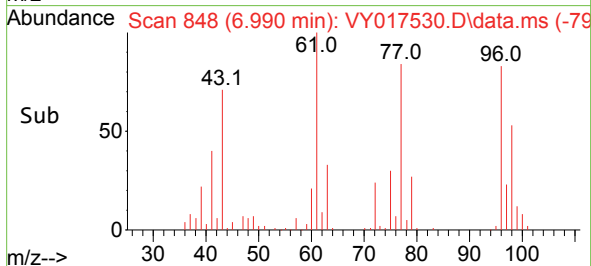
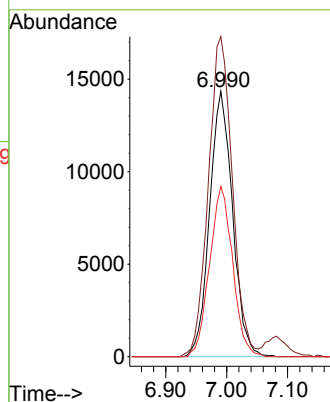
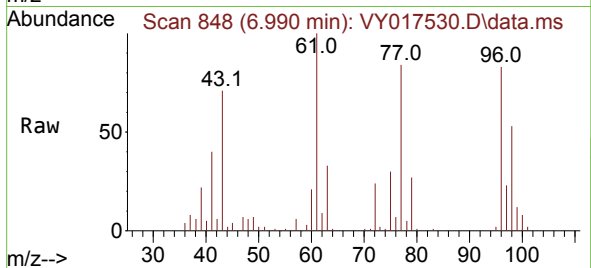




#27
cis-1,2-Dichloroethene
Concen: 22.933 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

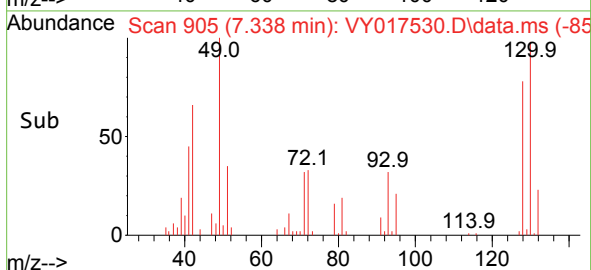
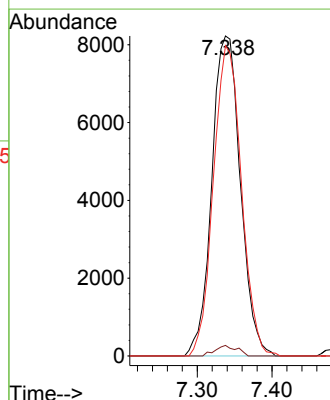
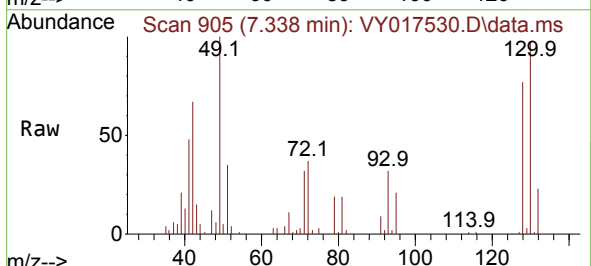
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

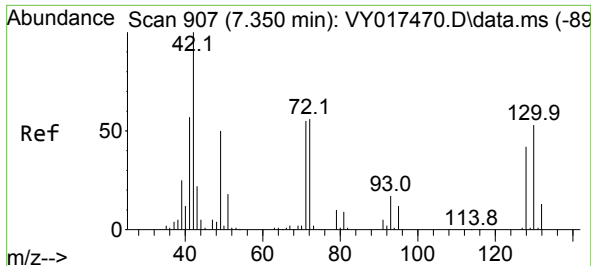
Tgt Ion: 96 Resp: 37651
Ion Ratio Lower Upper
96 100
61 125.7 0.0 256.2
98 64.3 0.0 130.0



#28
Bromochloromethane
Concen: 23.357 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 49 Resp: 21883
Ion Ratio Lower Upper
49 100
129 2.5 0.0 4.6
130 95.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 114.706 ug/l

RT: 7.350 min Scan# 907

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

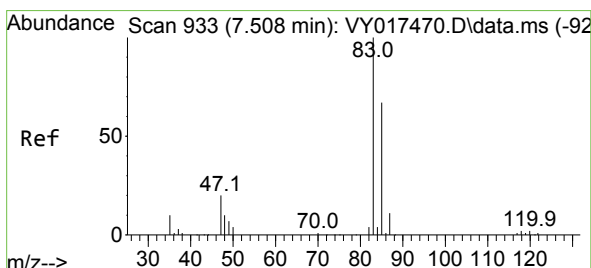
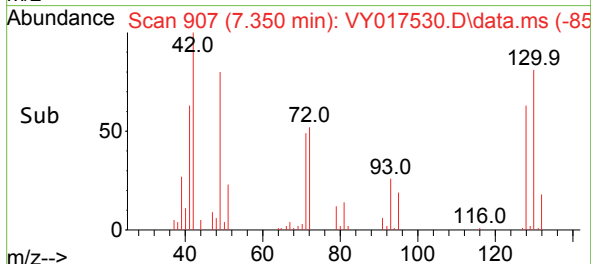
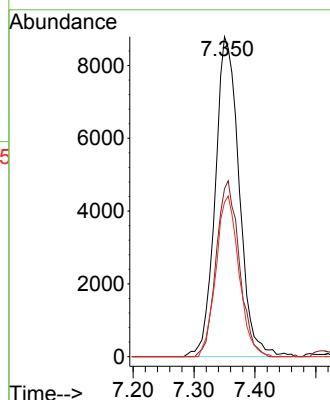
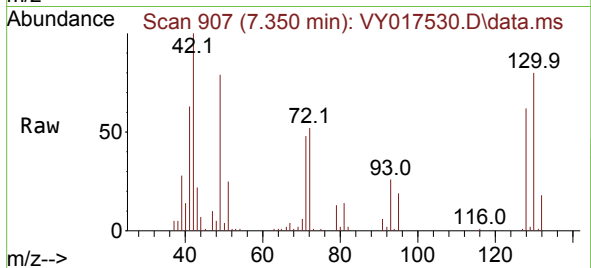
Tgt Ion: 42 Resp: 23947

Ion Ratio Lower Upper

42 100

72 53.1 43.0 64.4

71 48.4 40.8 61.2



#30

Chloroform

Concen: 23.611 ug/l

RT: 7.515 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY017530.D

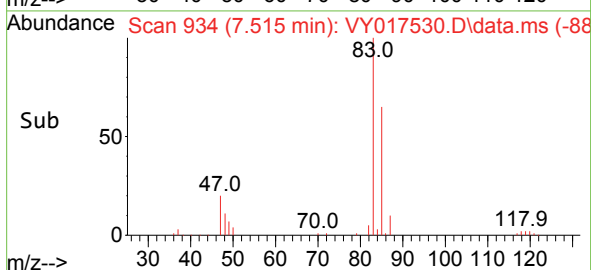
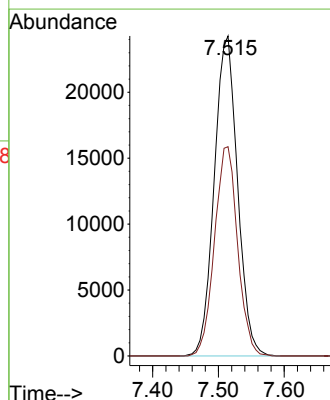
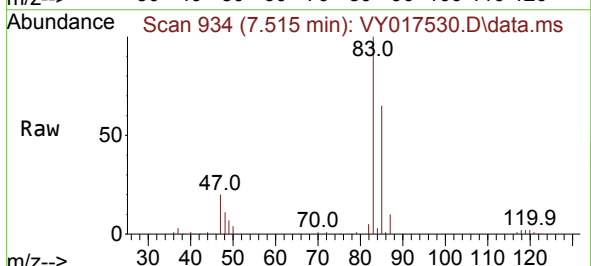
Acq: 29 Feb 2024 16:03

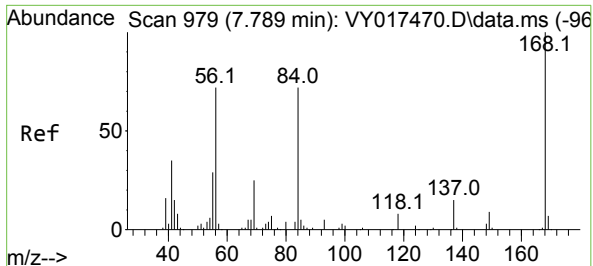
Tgt Ion: 83 Resp: 59801

Ion Ratio Lower Upper

83 100

85 65.4 52.2 78.4

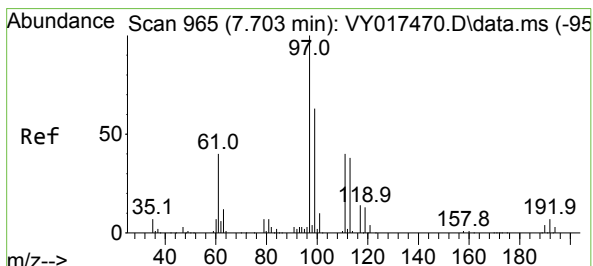
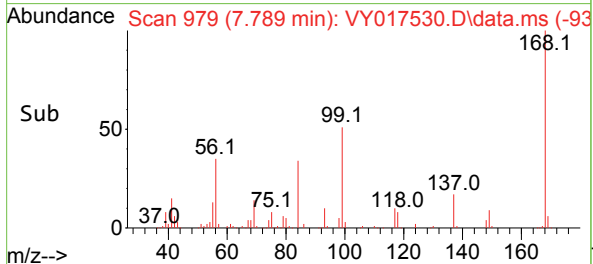
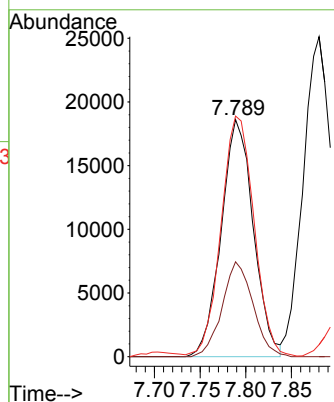
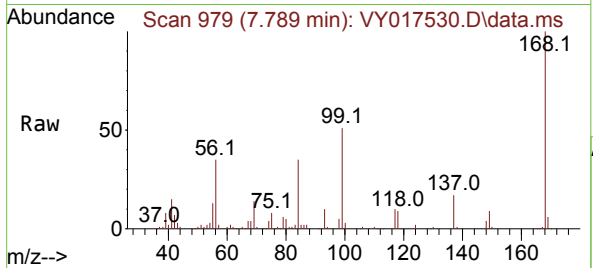




#31
Cyclohexane
Concen: 22.352 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

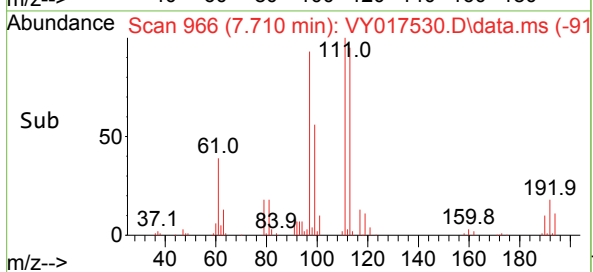
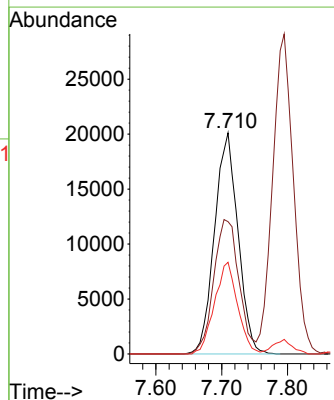
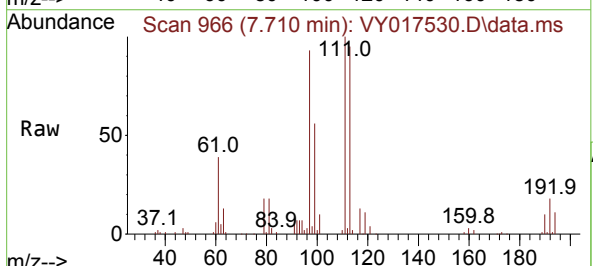
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

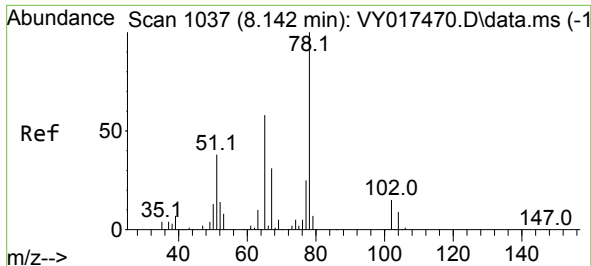
Tgt Ion: 56 Resp: 45576
Ion Ratio Lower Upper
56 100
69 40.0 28.7 43.1
84 100.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.723 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 97 Resp: 49965
Ion Ratio Lower Upper
97 100
99 65.6 50.3 75.5
61 40.9 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 47.892 ug/l

RT: 8.149 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

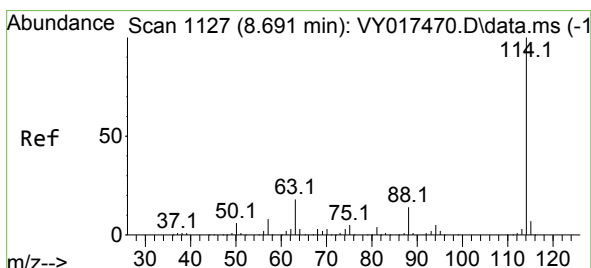
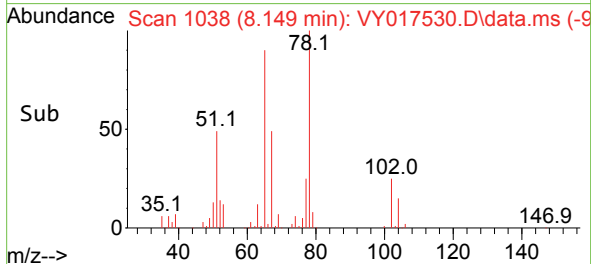
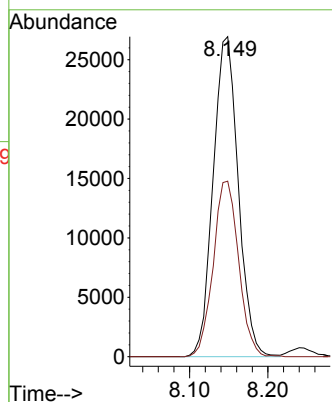
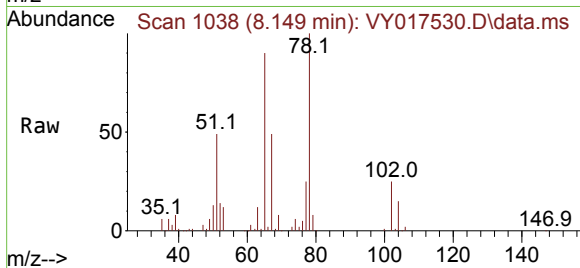
VY0229SBS01

Tgt Ion: 65 Resp: 60004

Ion Ratio Lower Upper

65 100

67 55.5 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

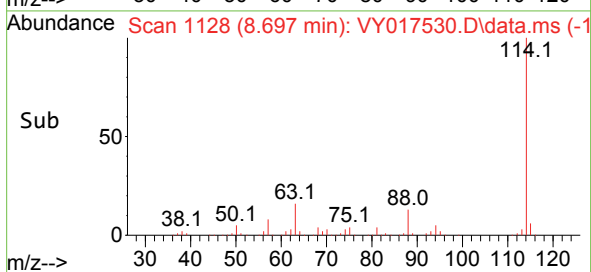
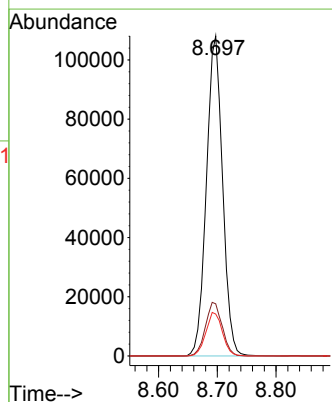
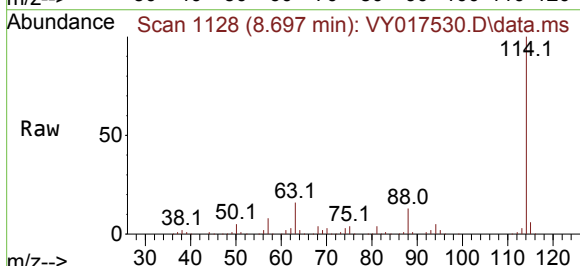
Tgt Ion: 114 Resp: 206468

Ion Ratio Lower Upper

114 100

63 16.3 0.0 35.0

88 13.1 0.0 27.2

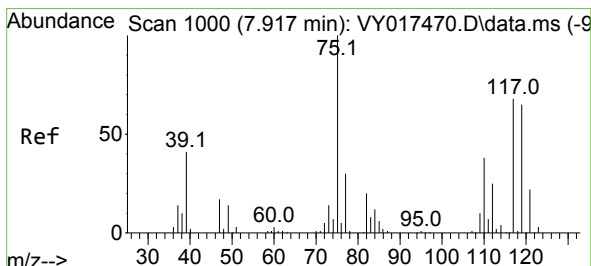
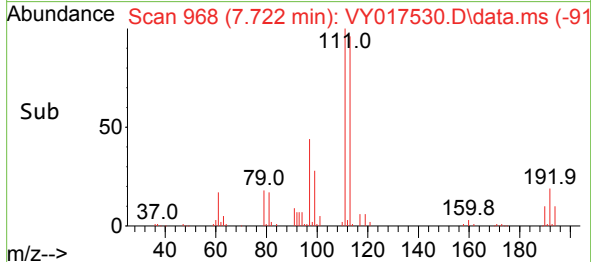
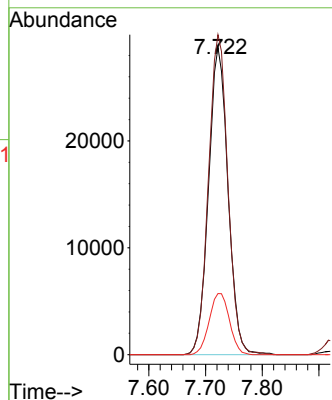
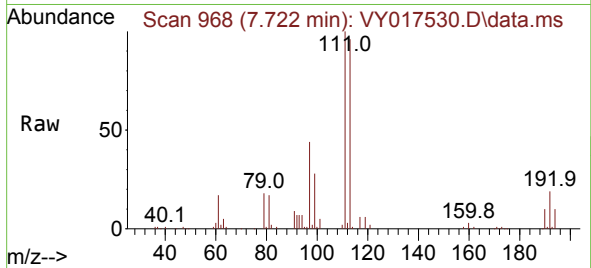




#35
Dibromofluoromethane
Concen: 47.721 ug/l
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

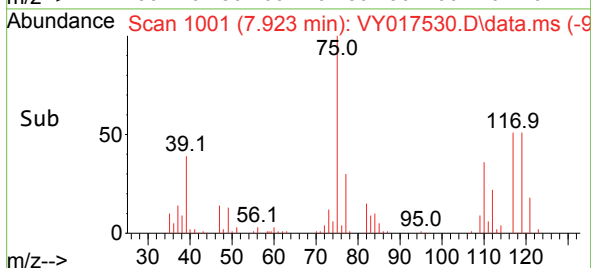
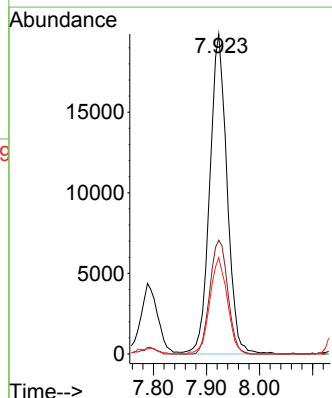
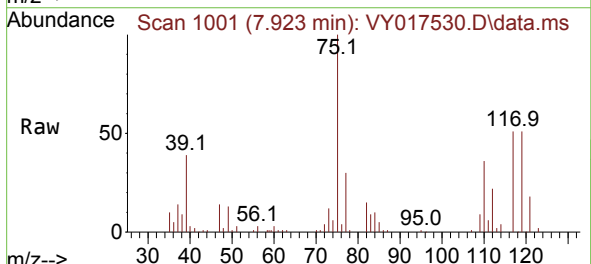
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBSD01

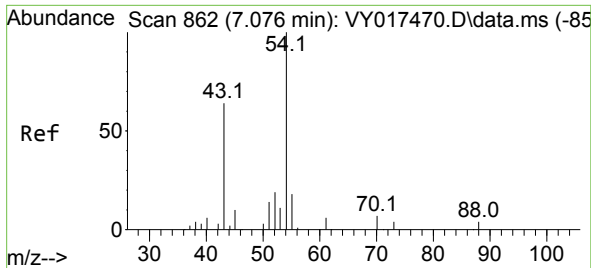
Tgt Ion:113 Resp: 68658
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 20.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 23.136 ug/l
RT: 7.923 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 75 Resp: 44910
Ion Ratio Lower Upper
75 100
110 36.9 19.0 57.0
77 30.5 25.3 37.9

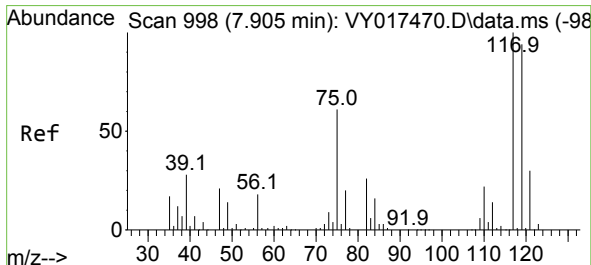
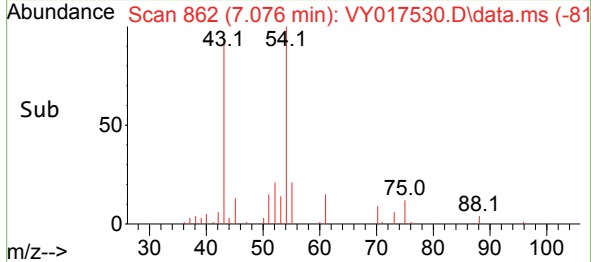
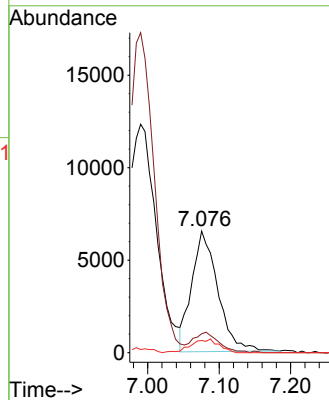
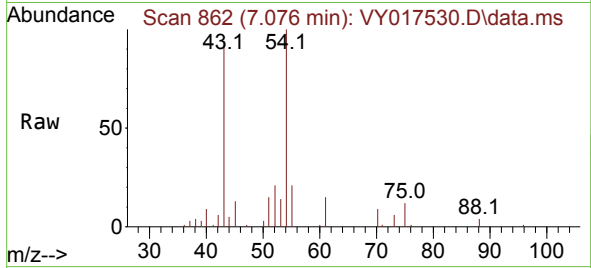




#37
Ethyl Acetate
Concen: 21.520 ug/l
RT: 7.076 min Scan# 862
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

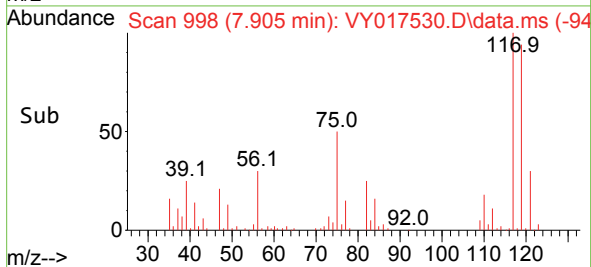
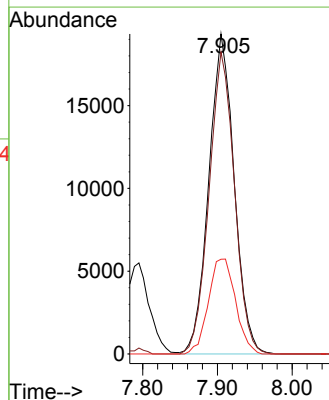
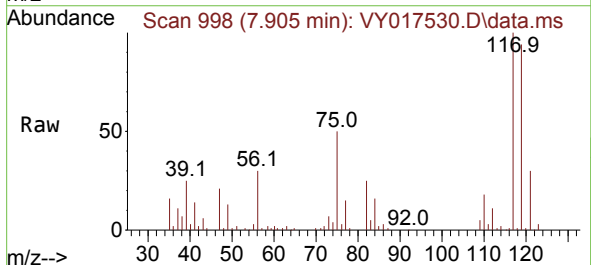
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

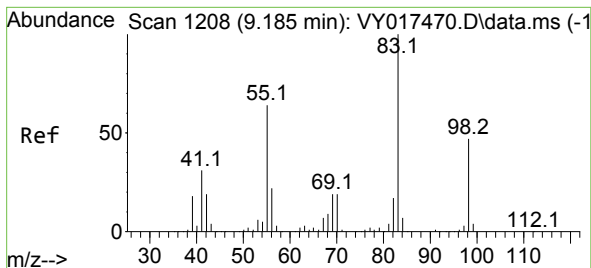
Tgt Ion:	43	Resp:	16499
Ion	Ratio	Lower	Upper
43	100		
61	16.7	12.6	19.0
70	11.9	7.8	11.8



#38
Carbon Tetrachloride
Concen: 23.388 ug/l
RT: 7.905 min Scan# 998
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion:	117	Resp:	45501
Ion	Ratio	Lower	Upper
117	100		
119	94.3	75.8	113.6
121	29.6	24.0	36.0





#39

Methylcyclohexane

Concen: 22.259 ug/l

RT: 9.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

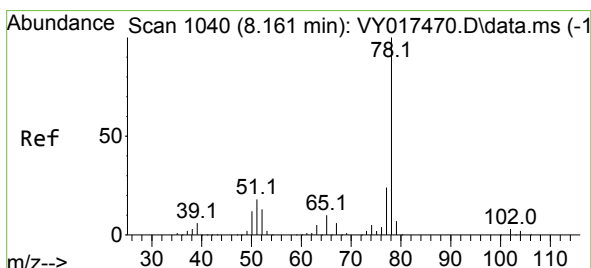
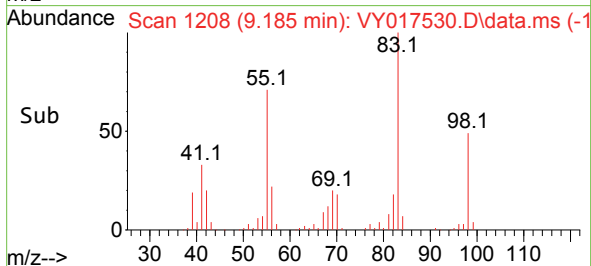
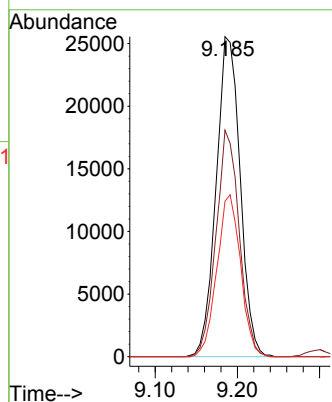
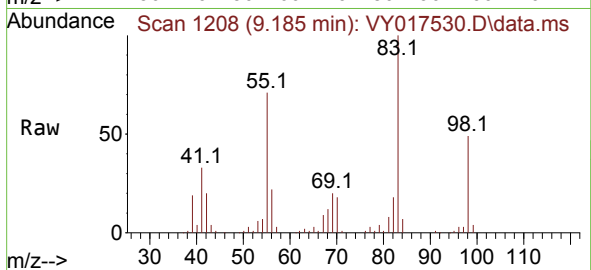
Tgt Ion: 83 Resp: 51927

Ion Ratio Lower Upper

83 100

55 70.8 51.5 77.3

98 48.6 40.5 60.7



#40

Benzene

Concen: 23.072 ug/l

RT: 8.167 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VY017530.D

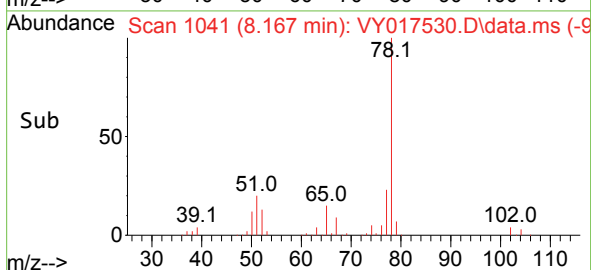
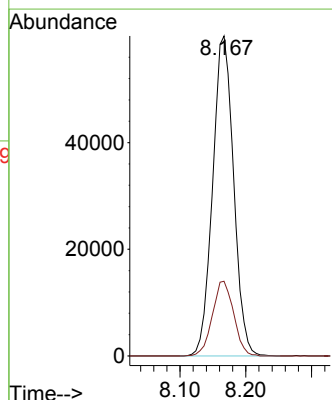
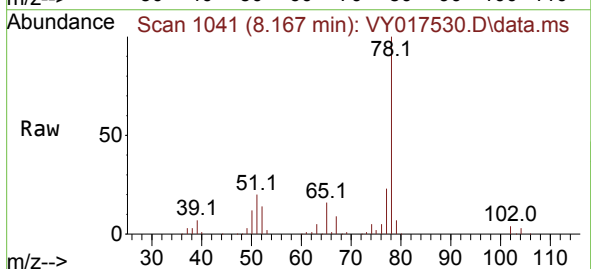
Acq: 29 Feb 2024 16:03

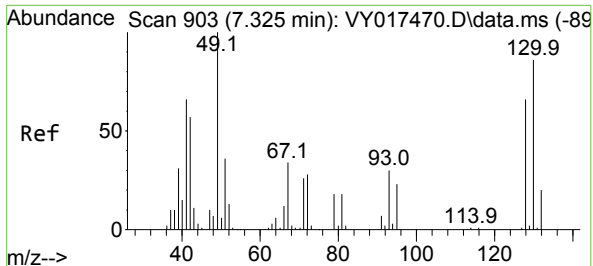
Tgt Ion: 78 Resp: 133005

Ion Ratio Lower Upper

78 100

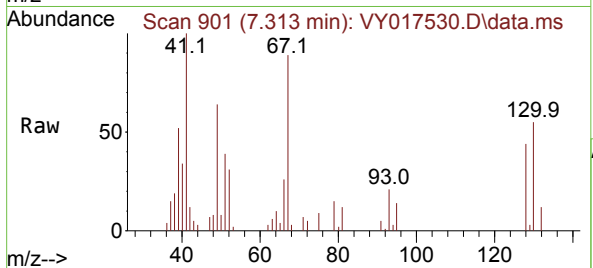
77 23.3 19.5 29.3



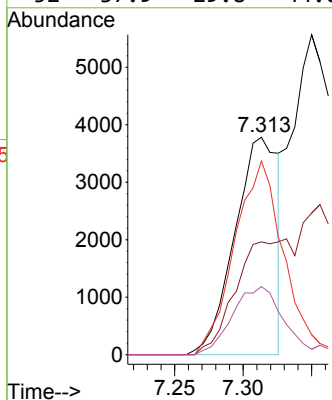
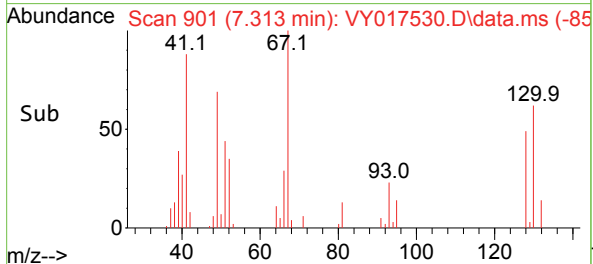


#41
Methacrylonitrile
Concen: 21.641 ug/l
RT: 7.313 min Scan# 901
Delta R.T. -0.012 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

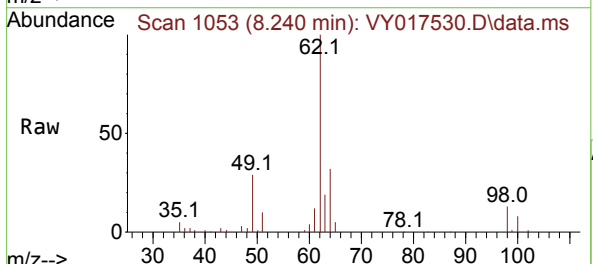
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01



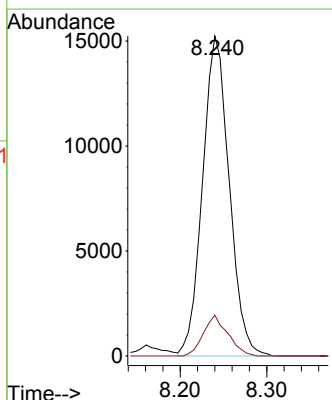
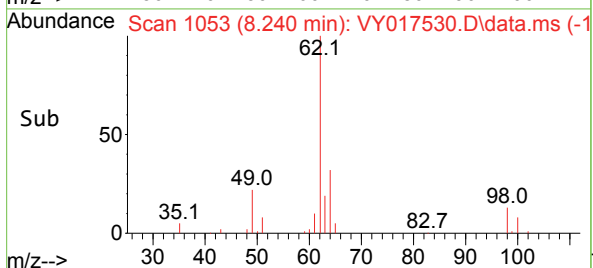
Tgt Ion: 41 Resp: 8326
Ion Ratio Lower Upper
41 100
39 14.7 48.0 72.0#
67 100.6 75.1 112.7
52 37.9 29.8 44.6

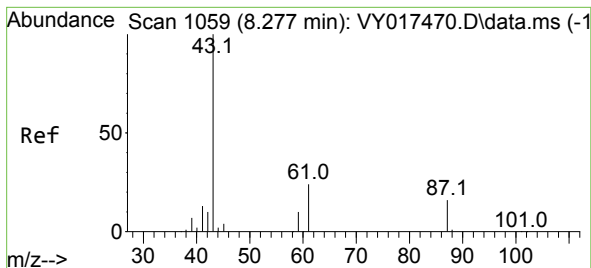


#42
1,2-Dichloroethane
Concen: 23.142 ug/l
RT: 8.240 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03



Tgt Ion: 62 Resp: 32549
Ion Ratio Lower Upper
62 100
98 11.7 0.0 22.0





#43

Isopropyl Acetate

Concen: 22.637 ug/l

RT: 8.277 min Scan# 1059

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

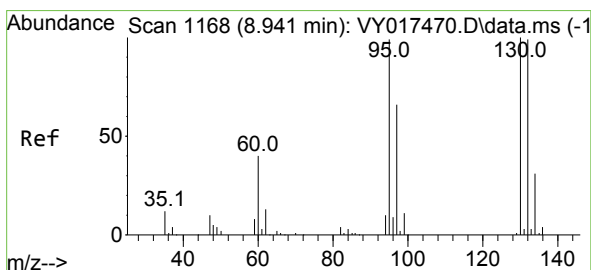
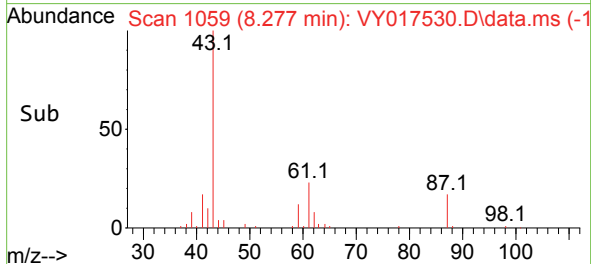
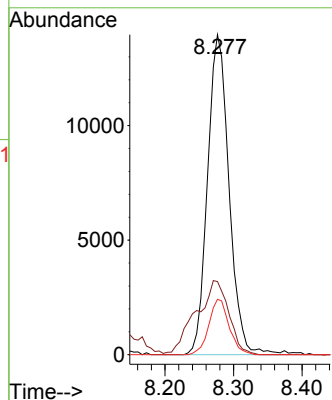
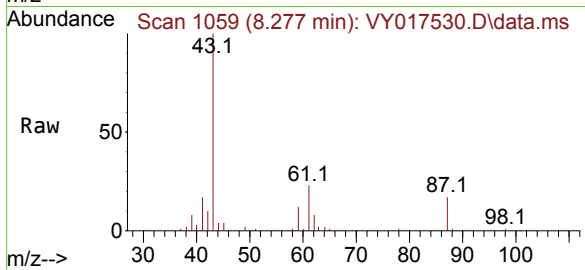
Tgt Ion: 43 Resp: 30498

Ion Ratio Lower Upper

43 100

61 35.1 27.9 41.9

87 16.4 13.1 19.7



#44

Trichloroethene

Concen: 22.244 ug/l

RT: 8.947 min Scan# 1169

Delta R.T. 0.006 min

Lab File: VY017530.D

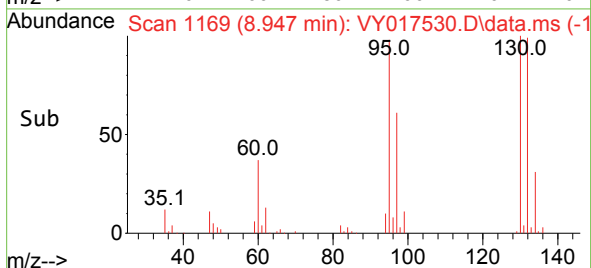
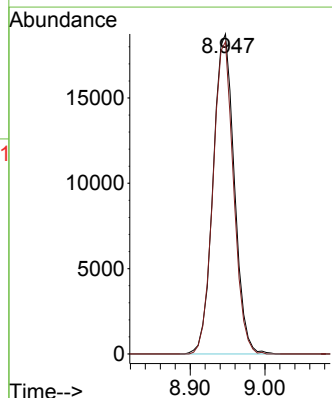
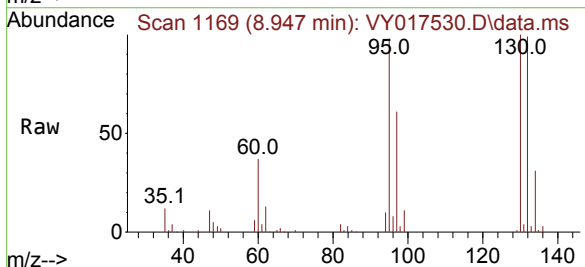
Acq: 29 Feb 2024 16:03

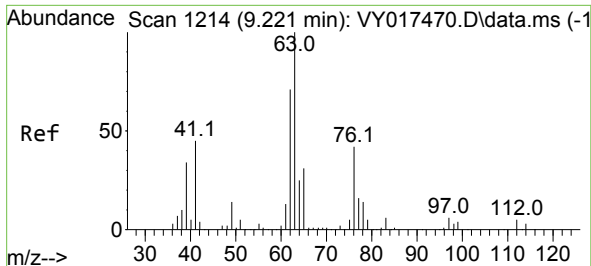
Tgt Ion:130 Resp: 36960

Ion Ratio Lower Upper

130 100

95 97.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 23.083 ug/l

RT: 9.222 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

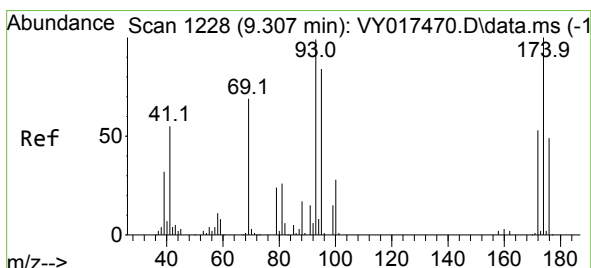
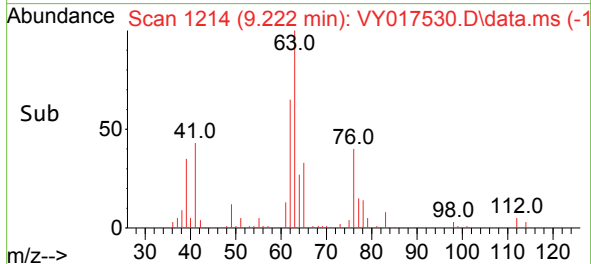
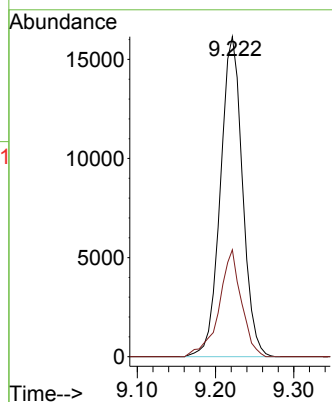
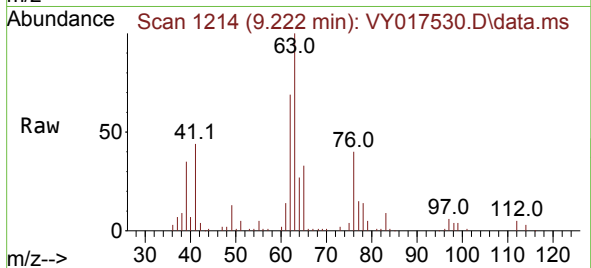
VY0229SBS01

Tgt Ion: 63 Resp: 31659

Ion Ratio Lower Upper

63 100

65 33.4 25.4 38.2



#46

Dibromomethane

Concen: 22.719 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.006 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

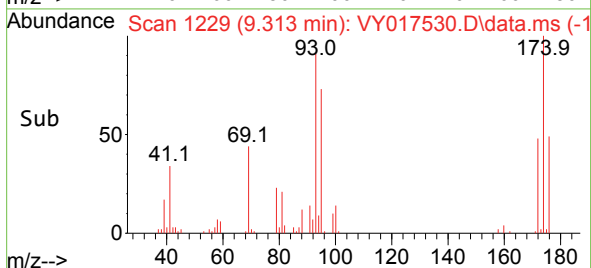
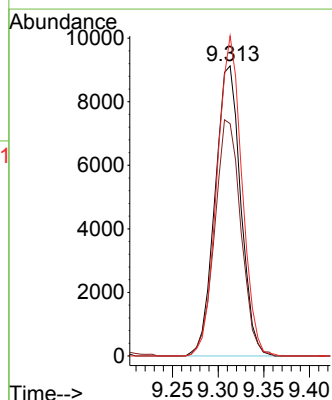
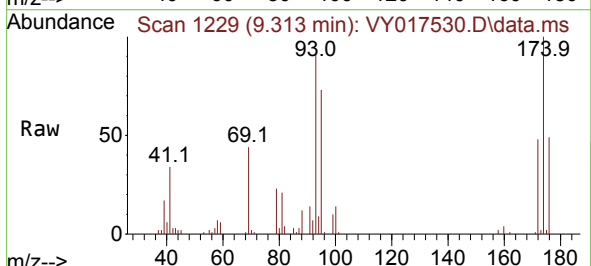
Tgt Ion: 93 Resp: 17833

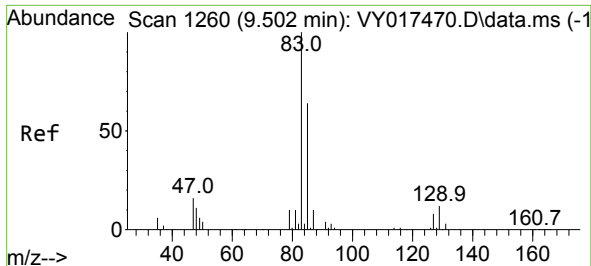
Ion Ratio Lower Upper

93 100

95 82.8 66.2 99.4

174 107.1 80.9 121.3

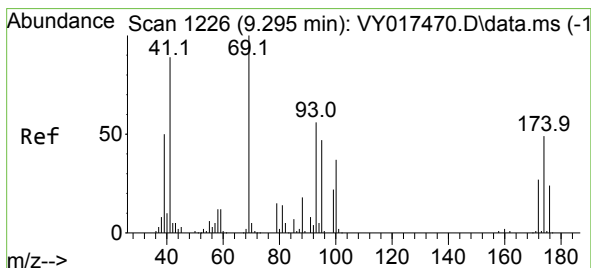
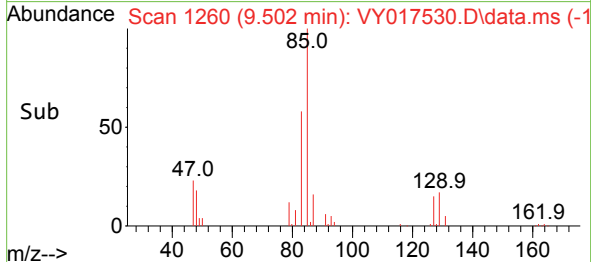
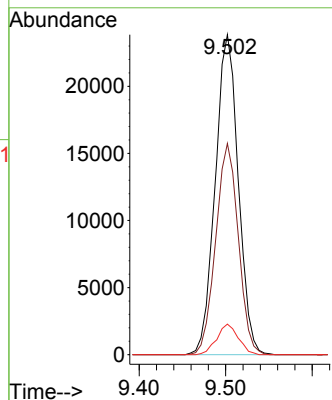
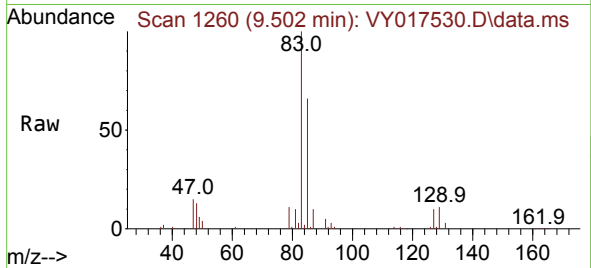




#47
Bromodichloromethane
Concen: 23.101 ug/l
RT: 9.502 min Scan# 1260
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

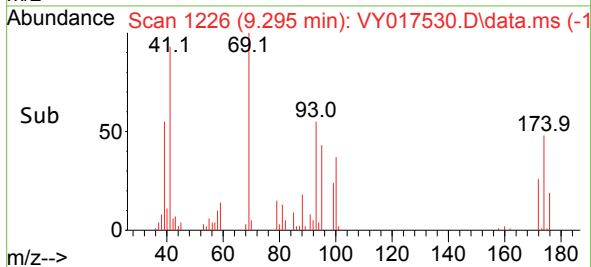
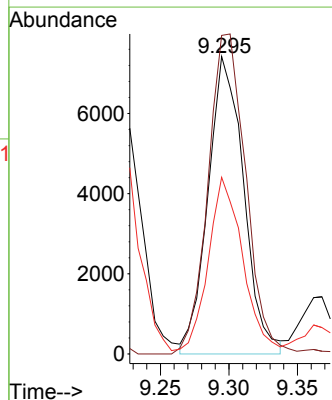
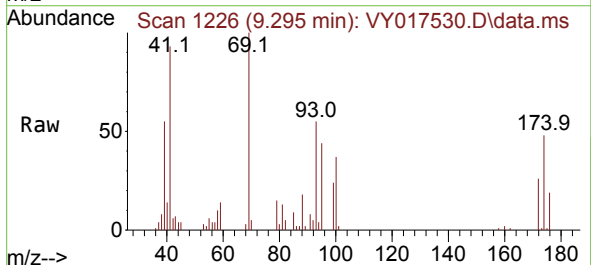
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBSD01

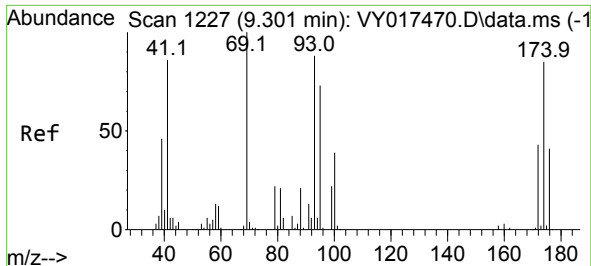
Tgt Ion: 83 Resp: 44028
Ion Ratio Lower Upper
83 100
85 66.0 50.1 75.1
127 9.6 7.4 11.0



#48
Methyl methacrylate
Concen: 21.532 ug/l
RT: 9.295 min Scan# 1226
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 41 Resp: 13428
Ion Ratio Lower Upper
41 100
69 114.1 84.1 126.1
39 55.9 43.6 65.4

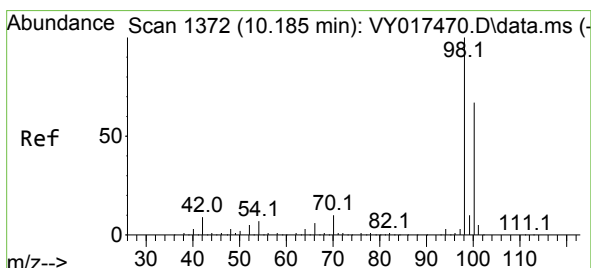
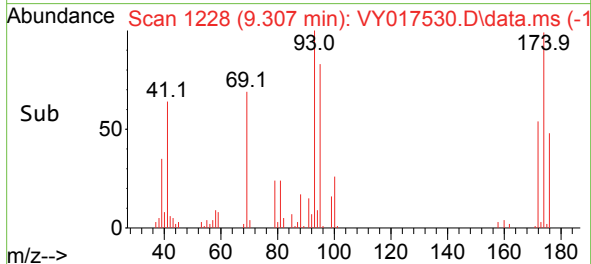
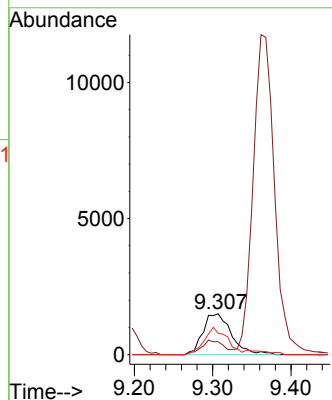
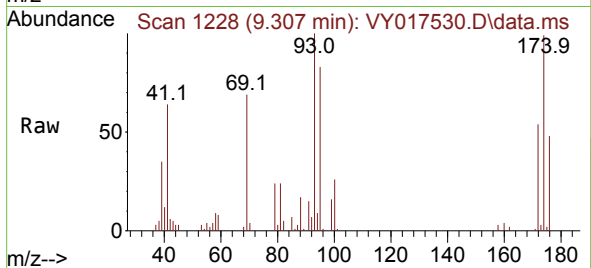




#49
1,4-Dioxane
Concen: 427.666 ug/l
RT: 9.307 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

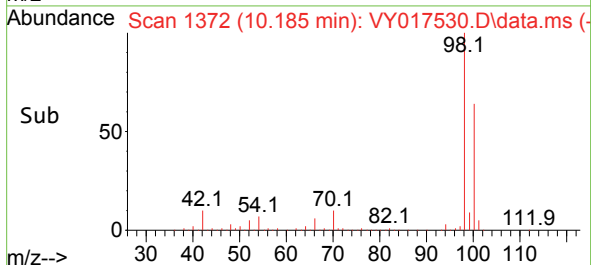
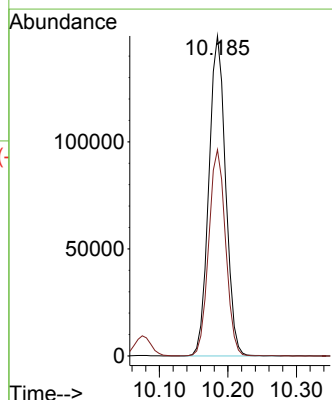
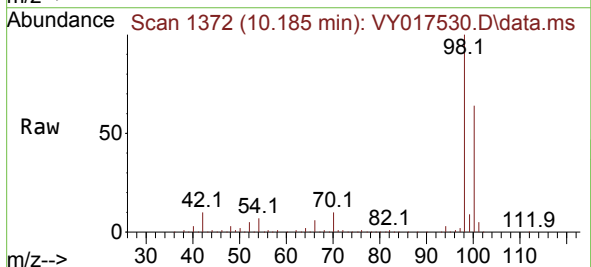
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

Tgt Ion: 88 Resp: 3799
Ion Ratio Lower Upper
88 100
43 26.6 0.0 0.0#
58 62.0 49.3 73.9



#50
Toluene-d8
Concen: 50.464 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 98 Resp: 253850
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0

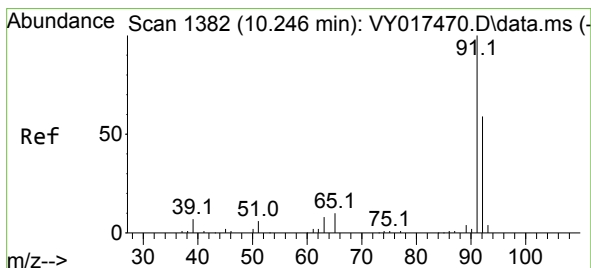
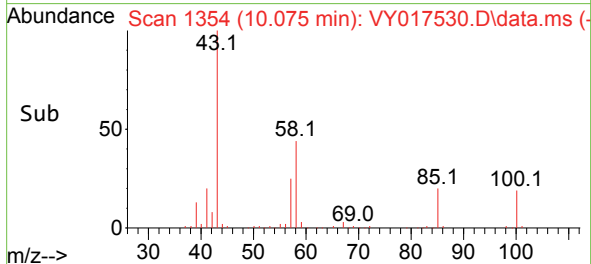
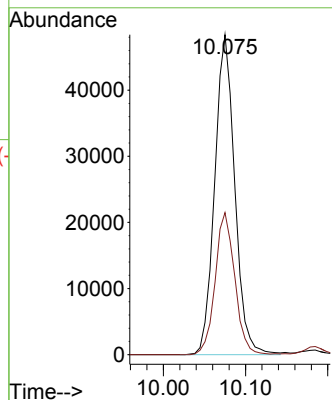
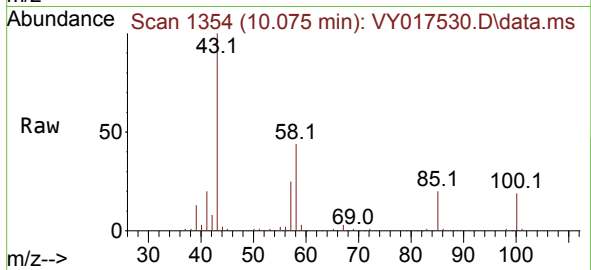




#51
4-Methyl-2-Pentanone
Concen: 109.178 ug/l
RT: 10.075 min Scan# 1354
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

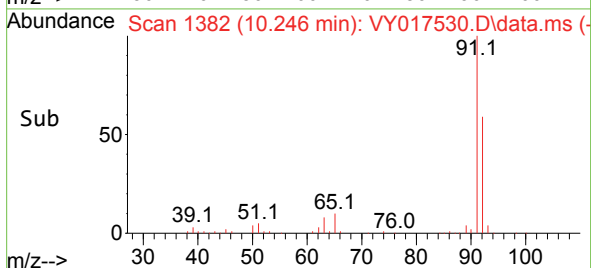
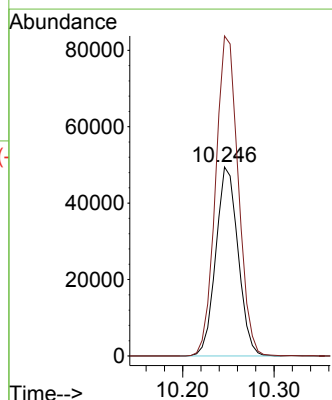
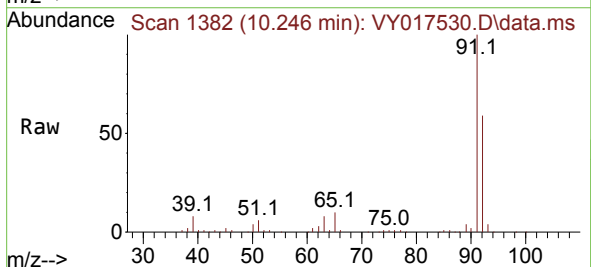
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

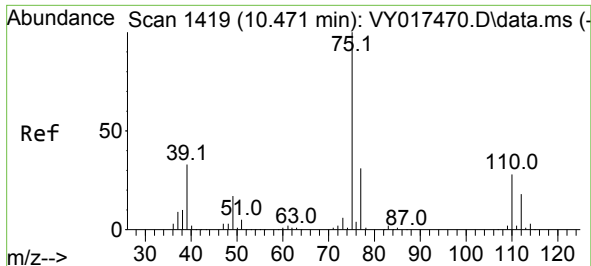
Tgt Ion: 43 Resp: 81979
Ion Ratio Lower Upper
43 100
58 43.4 35.7 53.5



#52
Toluene
Concen: 23.020 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 92 Resp: 83660
Ion Ratio Lower Upper
92 100
91 172.4 139.0 208.6

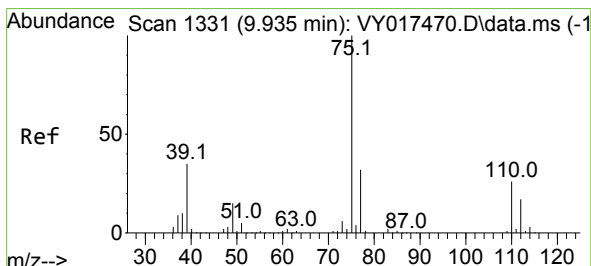
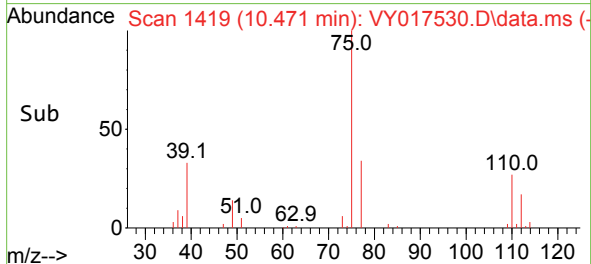
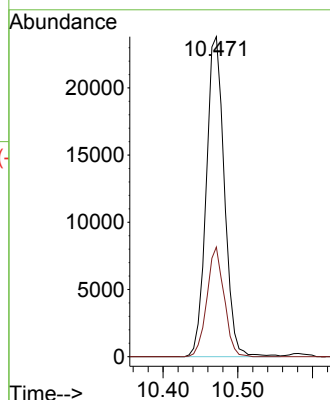
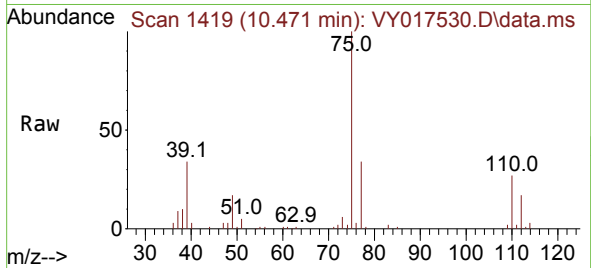




#53
t-1,3-Dichloropropene
Concen: 22.651 ug/l
RT: 10.471 min Scan# 1419
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

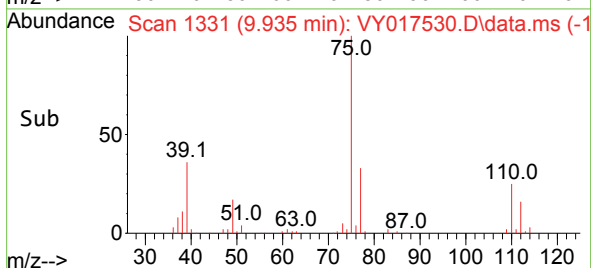
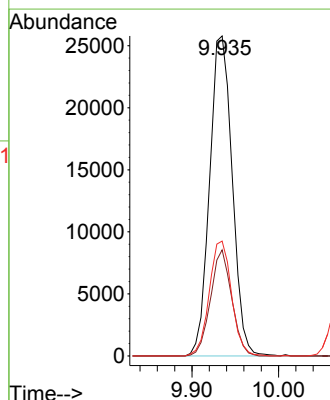
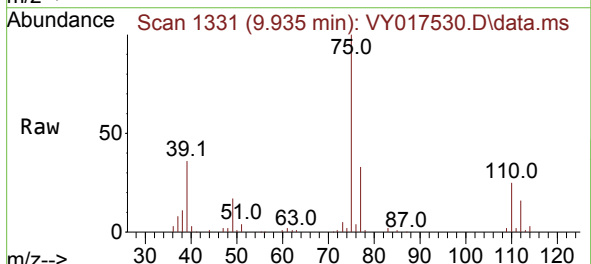
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

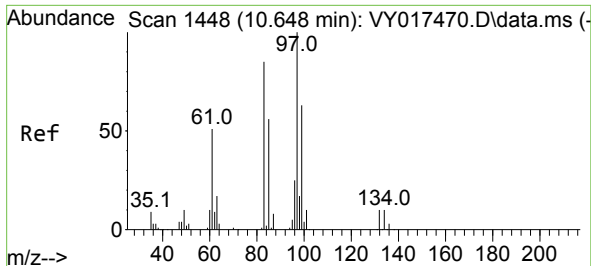
Tgt Ion: 75 Resp: 40069
Ion Ratio Lower Upper
75 100
77 34.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 21.750 ug/l
RT: 9.935 min Scan# 1331
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 75 Resp: 46750
Ion Ratio Lower Upper
75 100
77 33.1 25.4 38.0
39 35.9 29.8 44.6

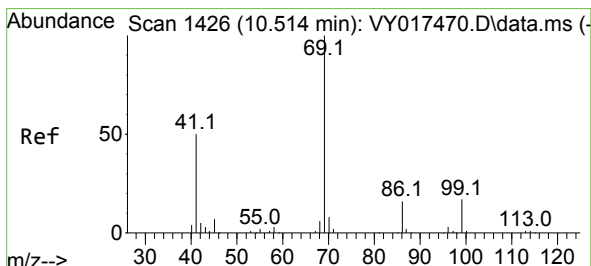
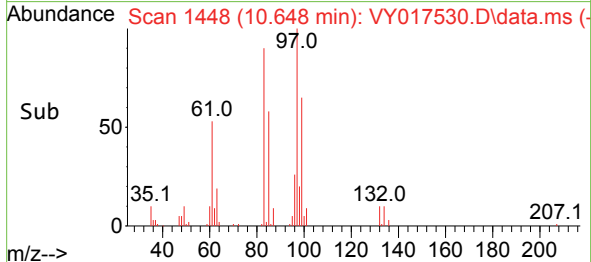
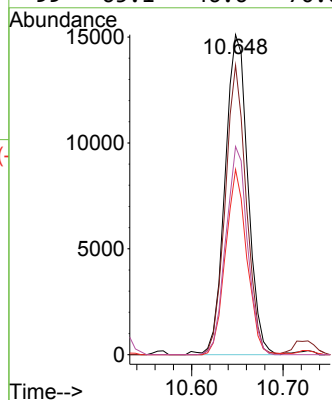
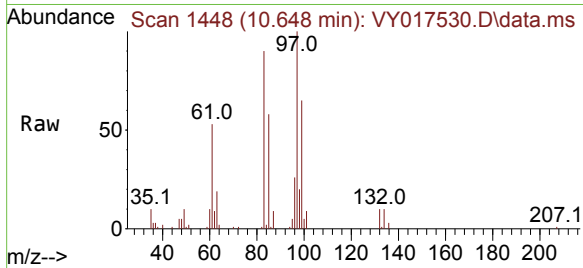




#55
 1,1,2-Trichloroethane
 Concen: 23.545 ug/l
 RT: 10.648 min Scan# 1448
 Delta R.T. 0.000 min
 Lab File: VY017530.D
 Acq: 29 Feb 2024 16:03

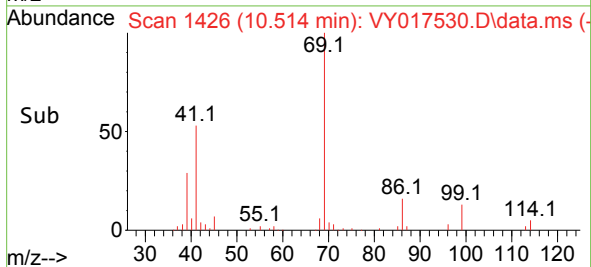
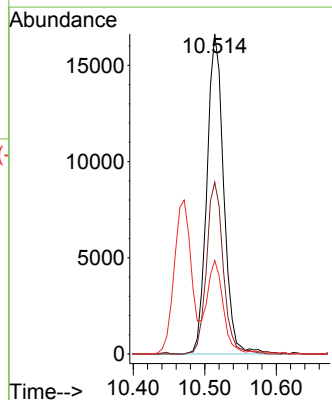
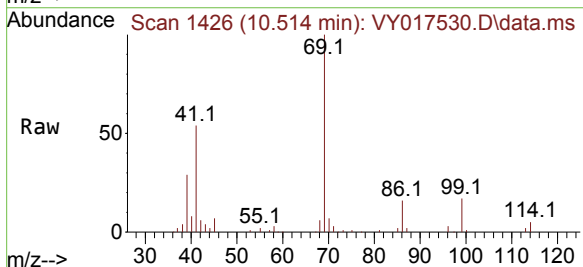
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBS01

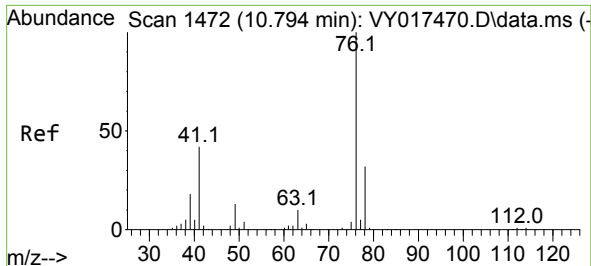
Tgt Ion:	97	Resp:	26240
Ion	Ratio	Lower	Upper
97	100		
83	90.4	67.5	101.3
85	57.9	42.9	64.3
99	65.1	46.6	70.0



#56
 Ethyl methacrylate
 Concen: 21.351 ug/l
 RT: 10.514 min Scan# 1426
 Delta R.T. -0.000 min
 Lab File: VY017530.D
 Acq: 29 Feb 2024 16:03

Tgt Ion:	69	Resp:	27173
Ion	Ratio	Lower	Upper
69	100		
41	53.5	42.3	63.5
39	28.2	22.9	34.3

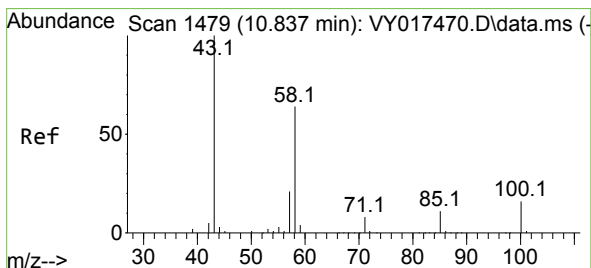
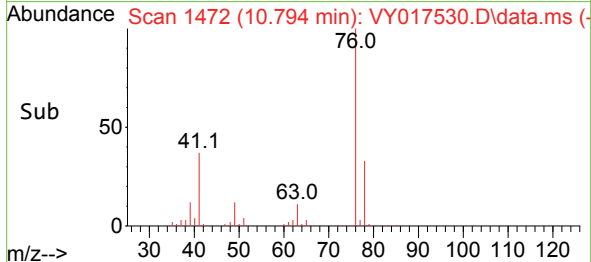
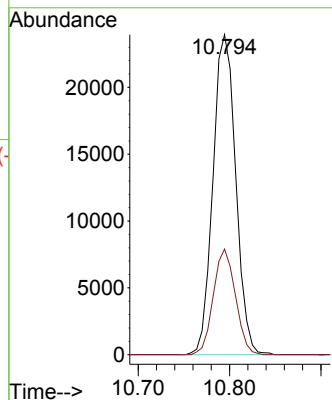
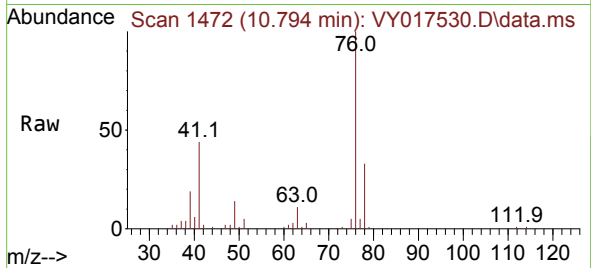




#57
1,3-Dichloropropane
Concen: 22.861 ug/l
RT: 10.794 min Scan# 1472
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

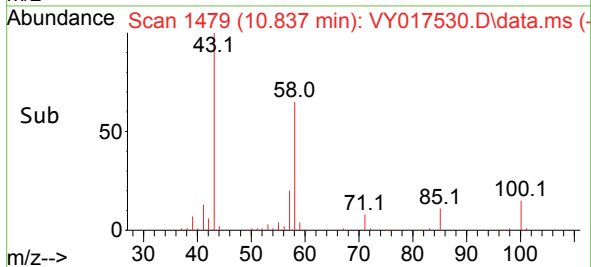
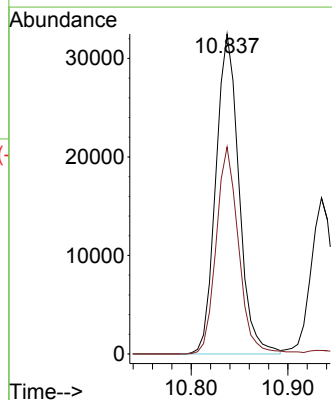
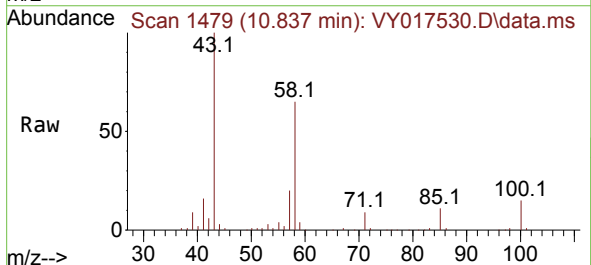
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

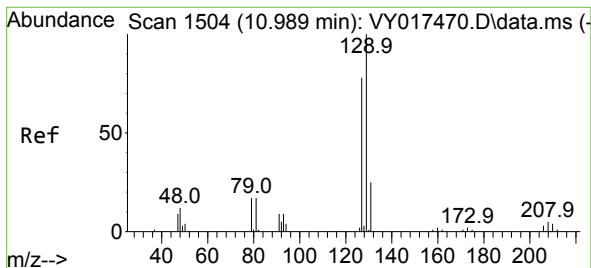
Tgt Ion: 76 Resp: 41423
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4



#59
2-Hexanone
Concen: 104.558 ug/l
RT: 10.837 min Scan# 1479
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 43 Resp: 53927
Ion Ratio Lower Upper
43 100
58 62.7 31.4 94.0





#60

Dibromochloromethane

Concen: 23.196 ug/l

RT: 10.989 min Scan# 1504

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

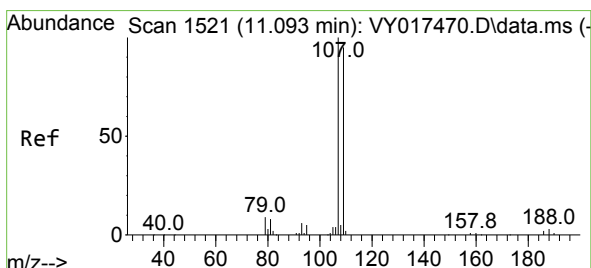
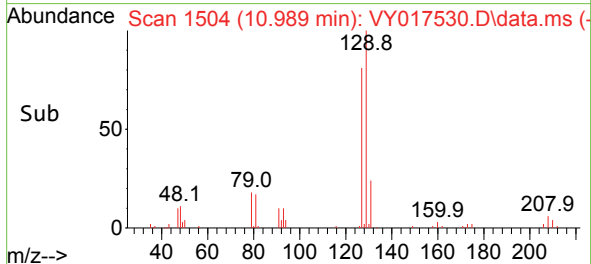
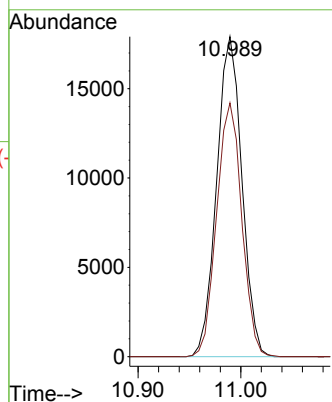
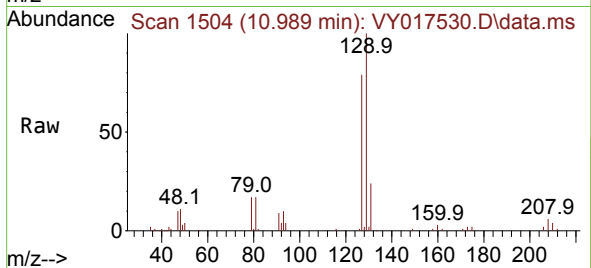
VY0229SBS01

Tgt Ion:129 Resp: 30582

Ion Ratio Lower Upper

129 100

127 78.8 39.0 117.0



#61

1,2-Dibromoethane

Concen: 23.123 ug/l

RT: 11.093 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VY017530.D

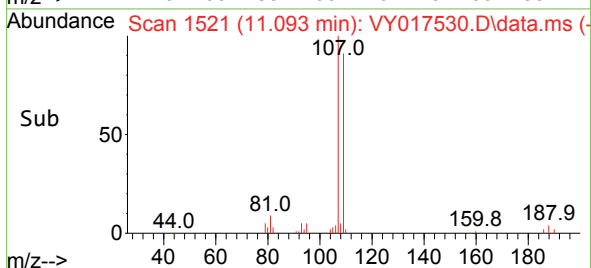
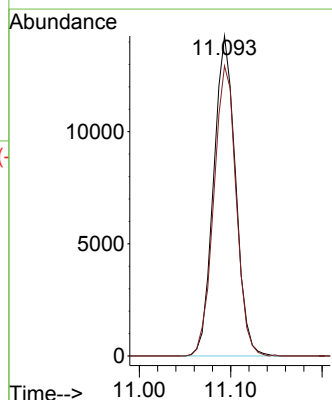
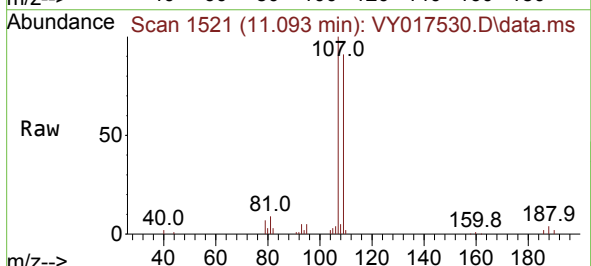
Acq: 29 Feb 2024 16:03

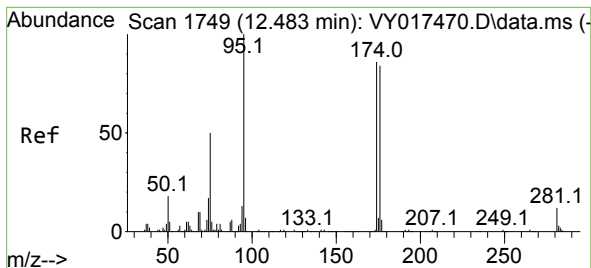
Tgt Ion:107 Resp: 23748

Ion Ratio Lower Upper

107 100

109 92.9 75.9 113.9

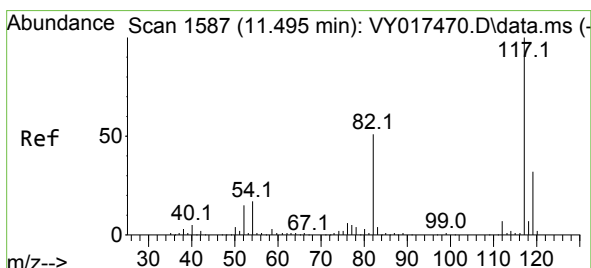
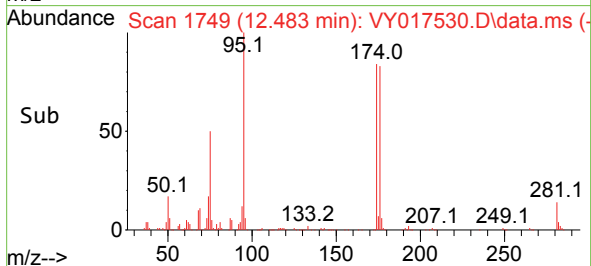
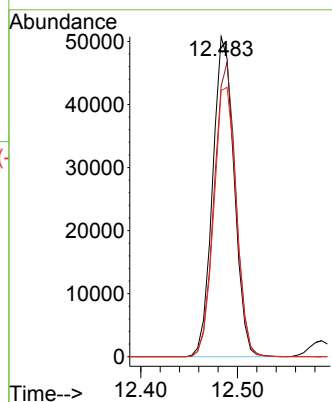
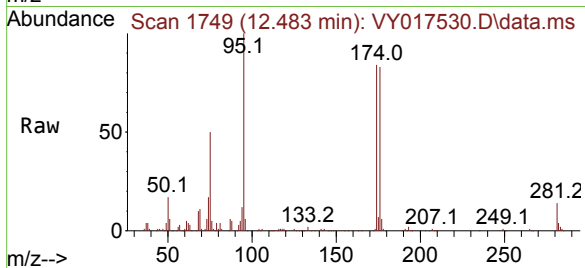




#62
4-Bromofluorobenzene
Concen: 49.467 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

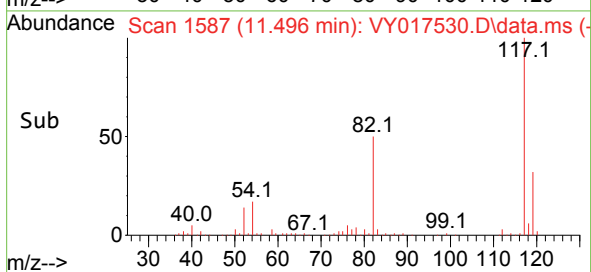
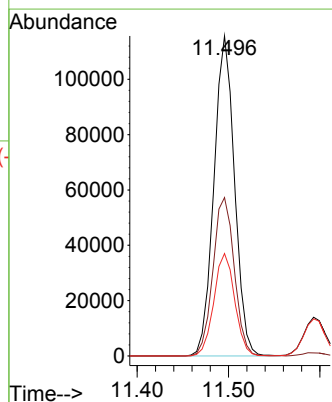
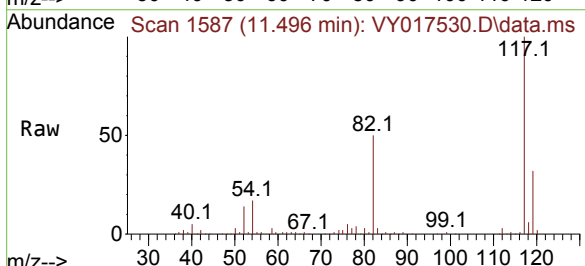
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

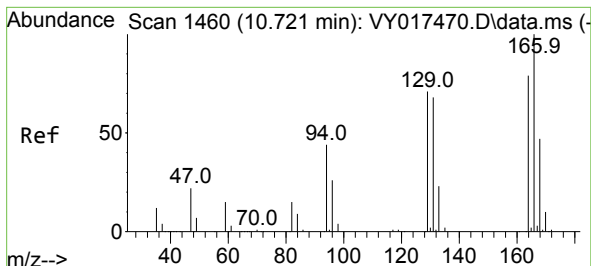
Tgt Ion: 95 Resp: 78203
Ion Ratio Lower Upper
95 100
174 92.9 0.0 175.6
176 88.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 117 Resp: 181311
Ion Ratio Lower Upper
117 100
82 49.5 42.4 63.6
119 32.0 25.9 38.9





#64

Tetrachloroethene

Concen: 22.044 ug/l

RT: 10.727 min Scan# 1460

Delta R.T. 0.006 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

Tgt Ion:164 Resp: 38363

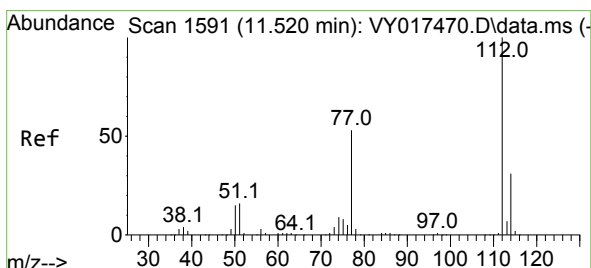
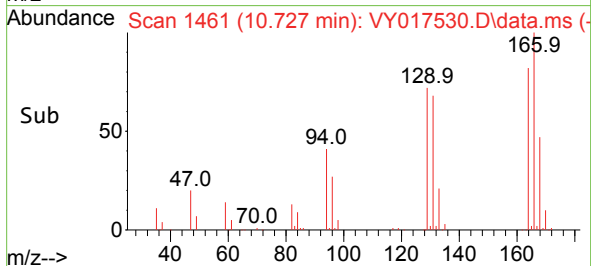
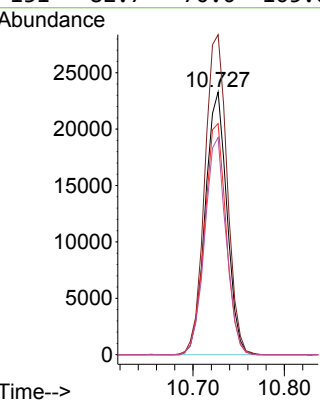
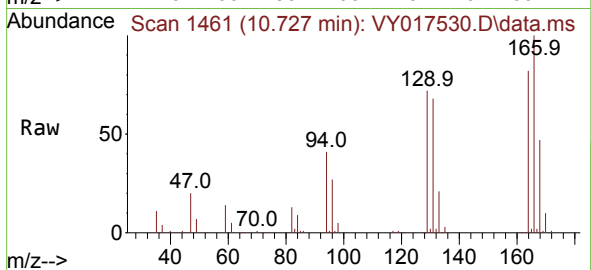
Ion Ratio Lower Upper

164 100

166 121.8 102.6 154.0

129 87.9 72.0 108.0

131 82.7 70.0 105.0



#65

Chlorobenzene

Concen: 23.313 ug/l

RT: 11.520 min Scan# 1591

Delta R.T. 0.000 min

Lab File: VY017530.D

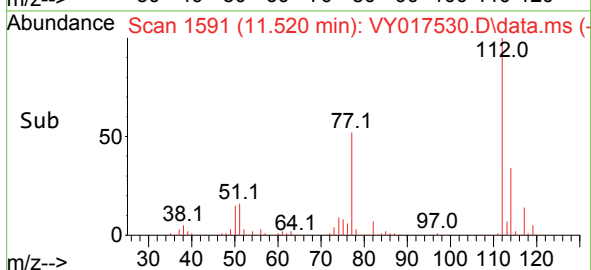
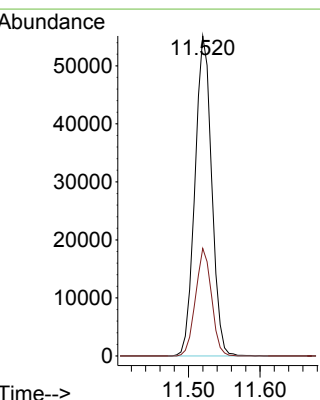
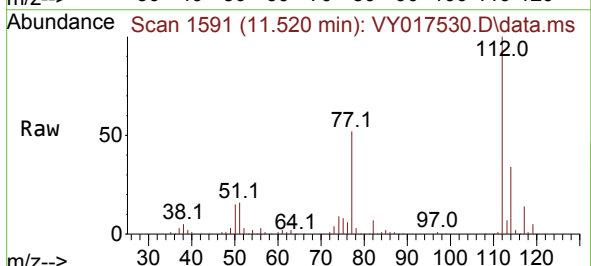
Acq: 29 Feb 2024 16:03

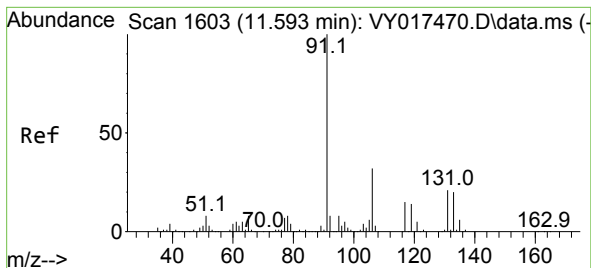
Tgt Ion:112 Resp: 89719

Ion Ratio Lower Upper

112 100

114 33.6 26.4 39.6

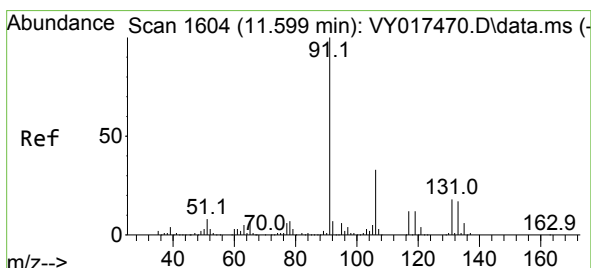
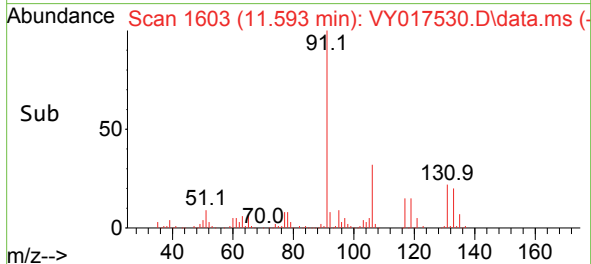
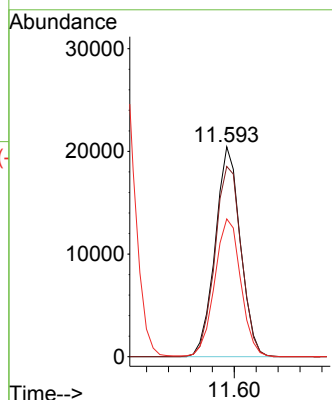
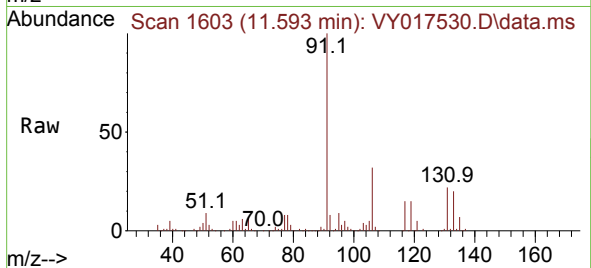




#66
1,1,1,2-Tetrachloroethane
Concen: 22.676 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

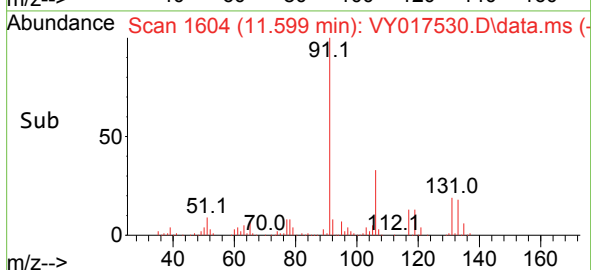
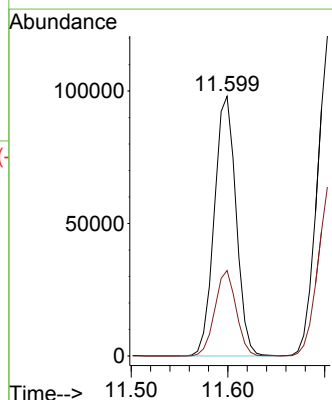
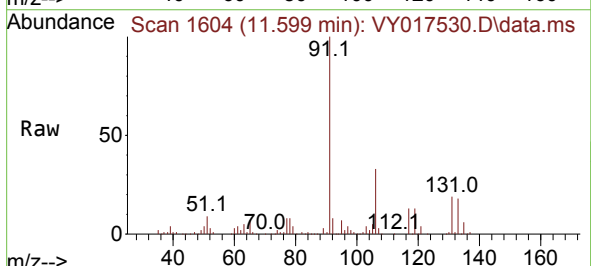
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

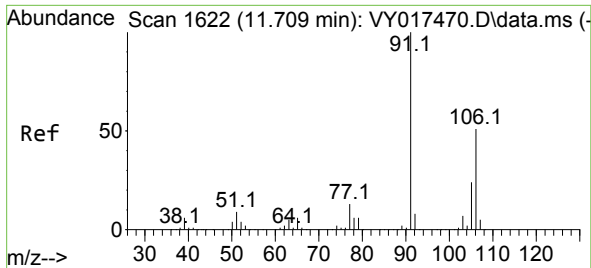
Tgt Ion:131 Resp: 32694
Ion Ratio Lower Upper
131 100
133 95.0 47.8 143.3
119 68.1 34.1 102.2



#67
Ethyl Benzene
Concen: 22.685 ug/l
RT: 11.599 min Scan# 1604
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 91 Resp: 153109
Ion Ratio Lower Upper
91 100
106 32.9 24.5 36.7

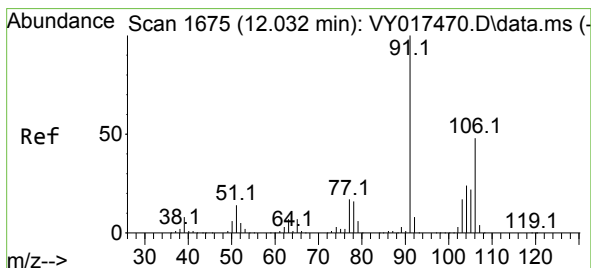
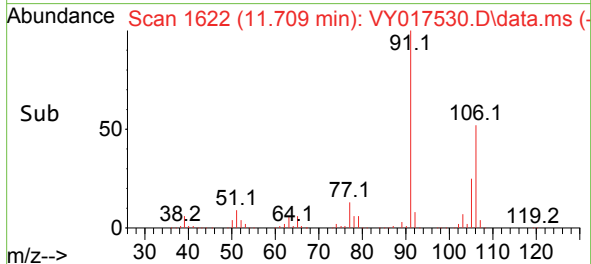
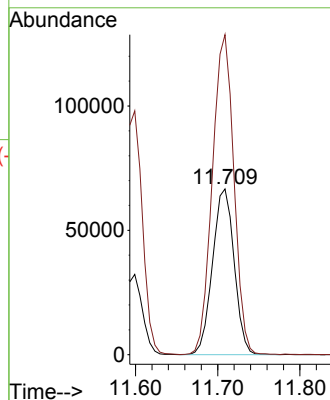
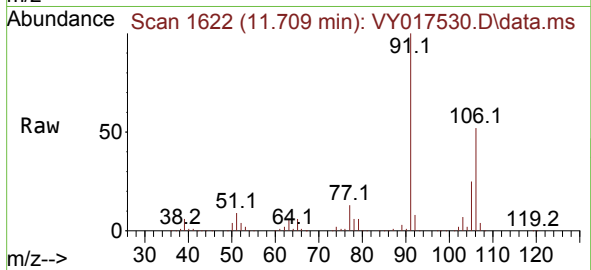




#68
m/p-Xylenes
Concen: 45.955 ug/l
RT: 11.709 min Scan# 1622
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

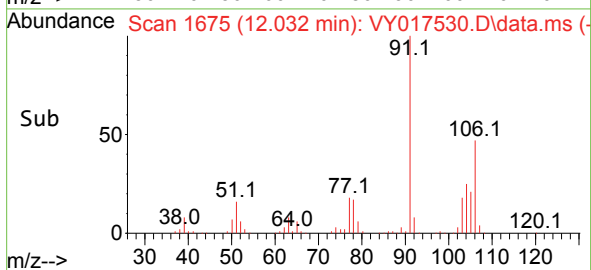
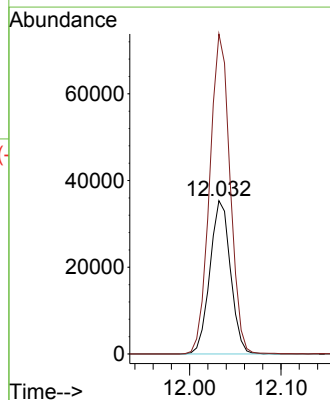
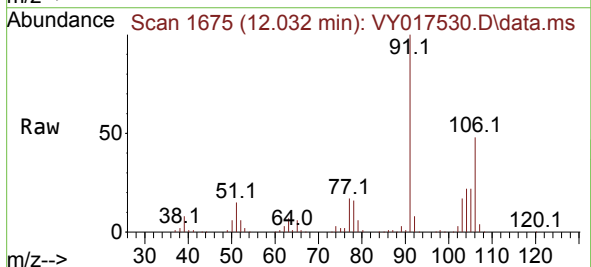
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBSD01

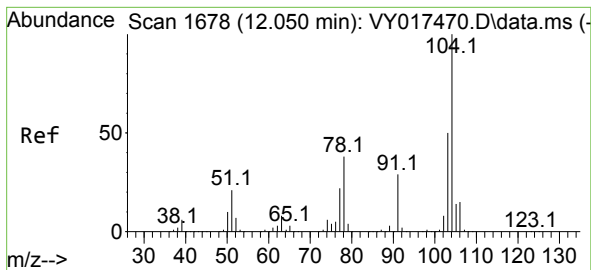
Tgt Ion:106 Resp: 121875
Ion Ratio Lower Upper
106 100
91 192.1 156.0 234.0



#69
o-Xylene
Concen: 22.408 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion:106 Resp: 55133
Ion Ratio Lower Upper
106 100
91 207.4 103.6 310.8





#70

Styrene

Concen: 22.718 ug/l

RT: 12.050 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBSD01

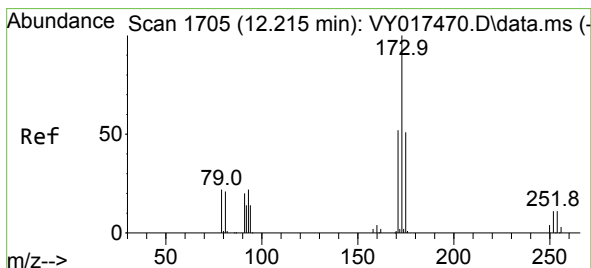
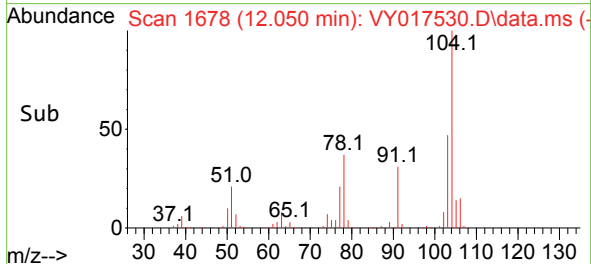
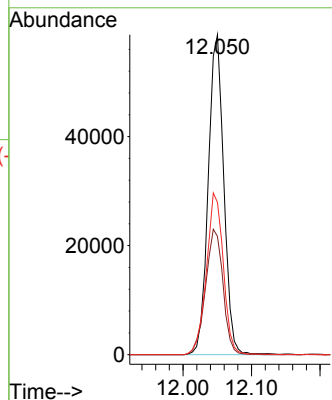
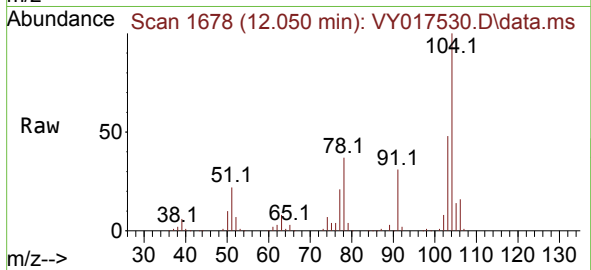
Tgt Ion:104 Resp: 92781

Ion Ratio Lower Upper

104 100

78 43.9 37.0 55.4

103 54.9 44.2 66.2



#71

Bromoform

Concen: 22.668 ug/l

RT: 12.215 min Scan# 1705

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

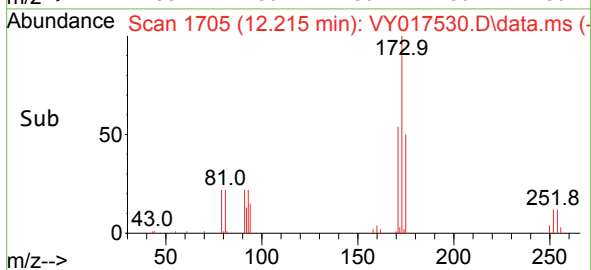
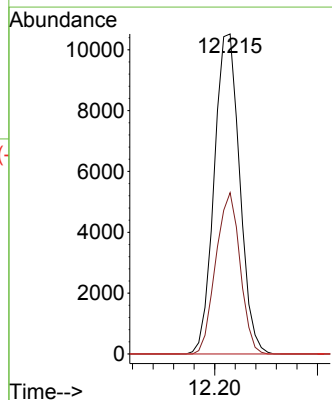
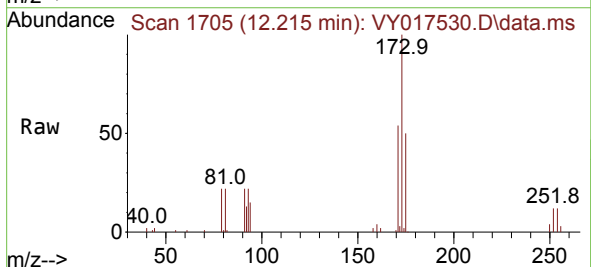
Tgt Ion:173 Resp: 18111

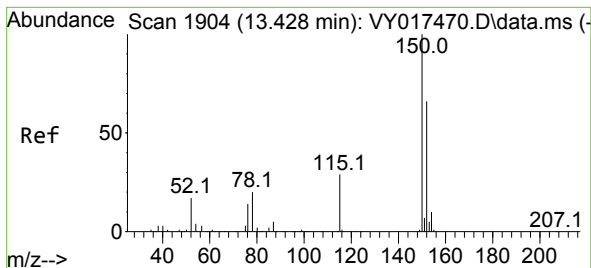
Ion Ratio Lower Upper

173 100

175 47.9 25.1 75.3

254 0.0 0.0 0.0

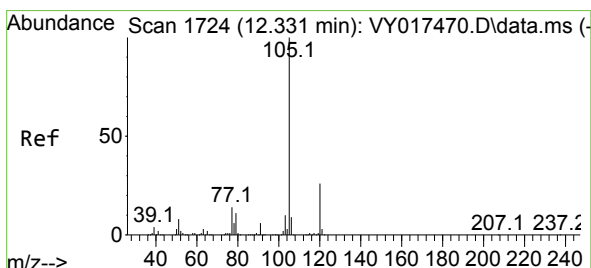
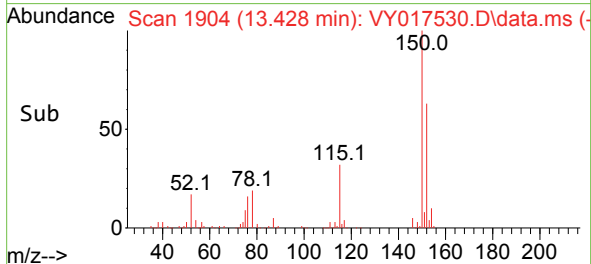
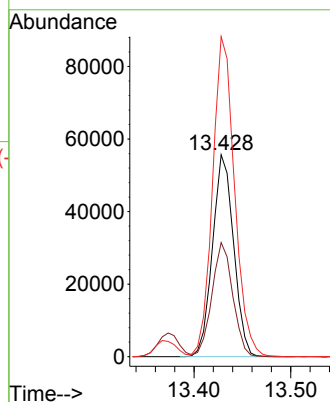
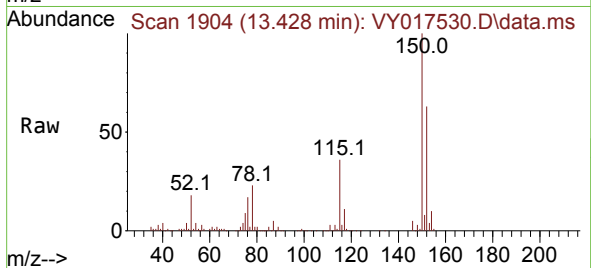




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

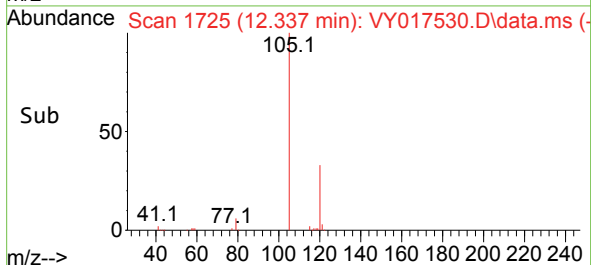
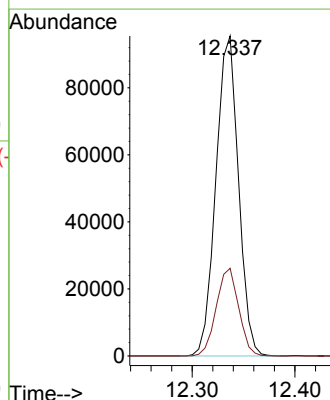
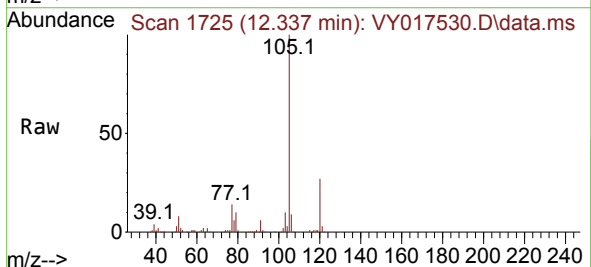
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBSD01

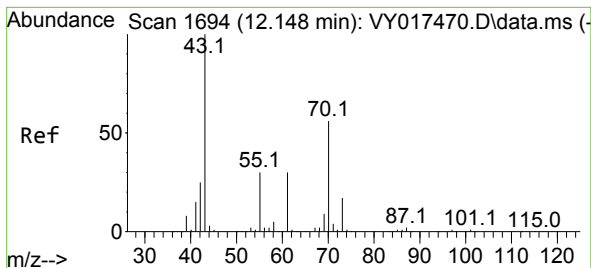
Tgt Ion	Resp	Lower	Upper
152	100		
115	55.7	28.2	84.7
150	165.0	0.0	345.6



#73
Isopropylbenzene
Concen: 23.152 ug/l
RT: 12.337 min Scan# 1725
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion	Resp	Lower	Upper
105	100		
120	27.2	13.4	40.1





#74

N-amy1 acetate

Concen: 22.905 ug/l

RT: 12.148 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

Tgt Ion: 43 Resp: 25360

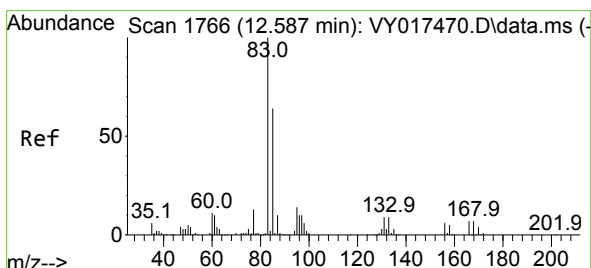
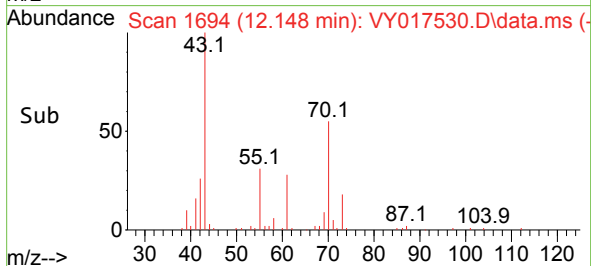
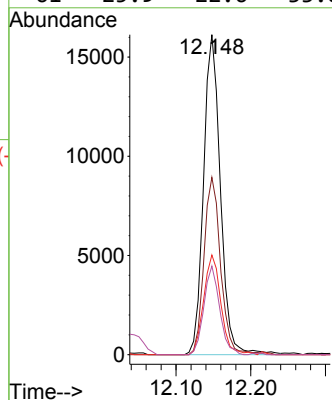
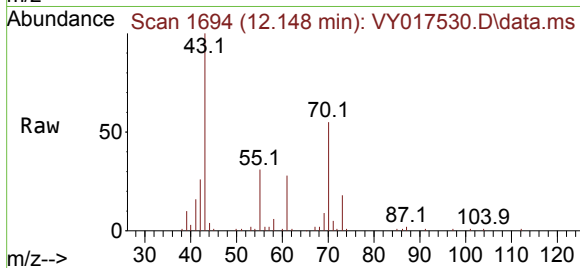
Ion Ratio Lower Upper

43 100

70 54.8 41.4 62.2

55 31.6 23.3 34.9

61 25.9 22.6 33.8



#75

1,1,2,2-Tetrachloroethane

Concen: 24.654 ug/l

RT: 12.587 min Scan# 1766

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

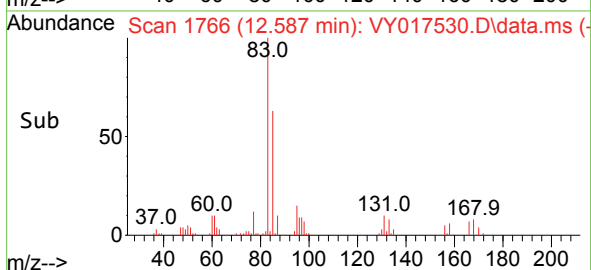
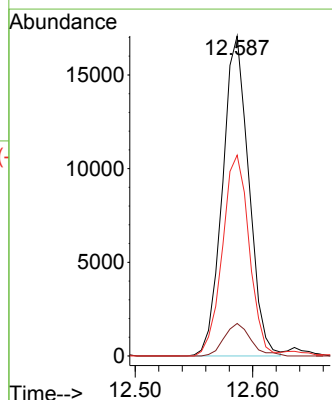
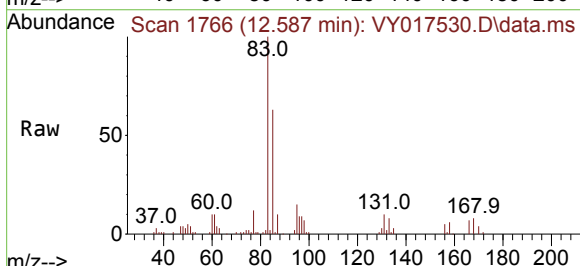
Tgt Ion: 83 Resp: 26577

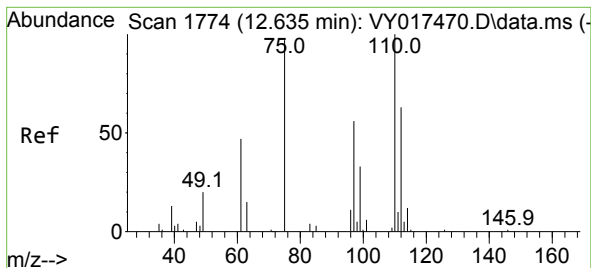
Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.1 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 40.382 ug/l

RT: 12.636 min Scan# 1774

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

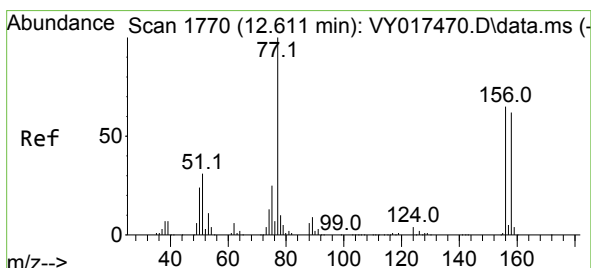
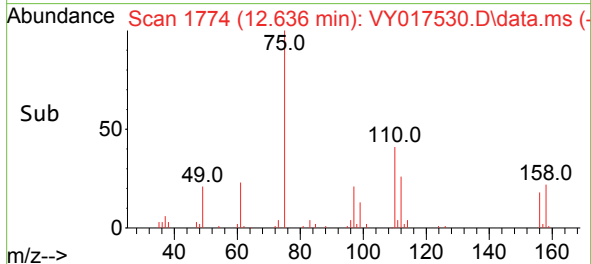
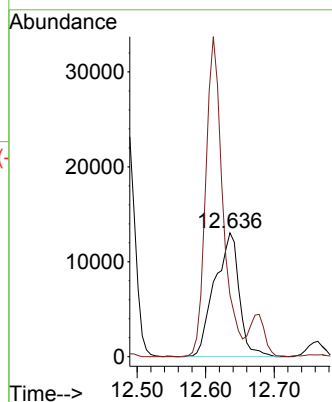
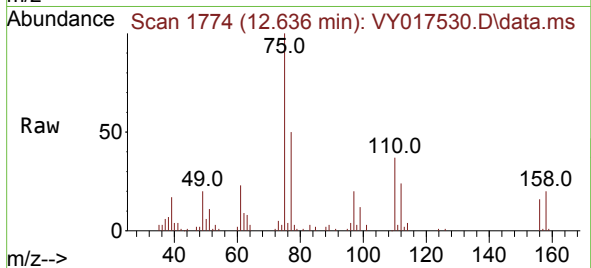
VY0229SBS01

Tgt Ion: 75 Resp: 32420

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#77

Bromobenzene

Concen: 22.910 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

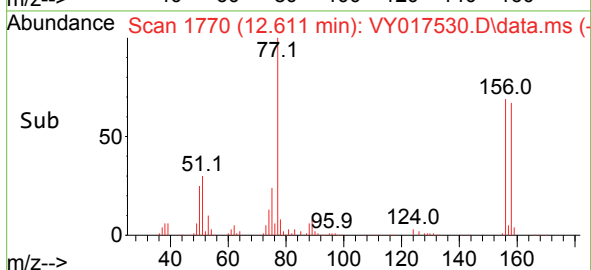
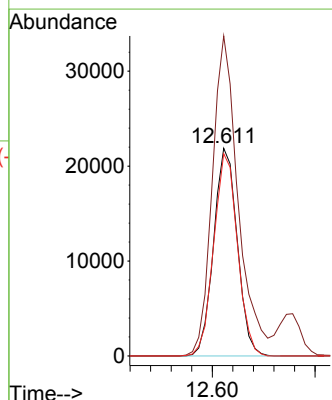
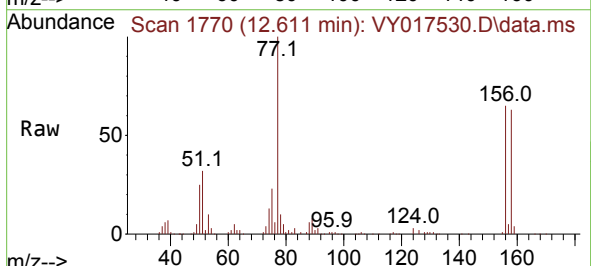
Tgt Ion: 156 Resp: 34829

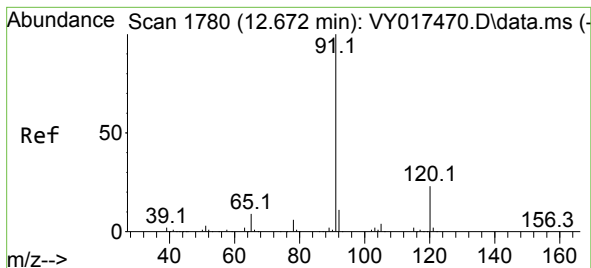
Ion Ratio Lower Upper

156 100

77 168.6 87.1 261.3

158 98.0 48.6 145.9

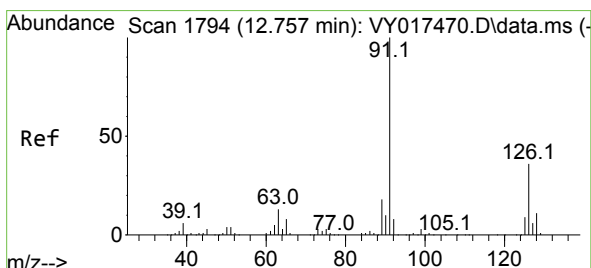
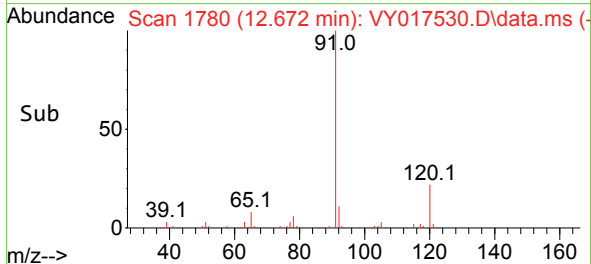
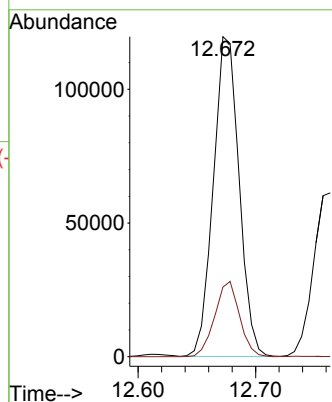
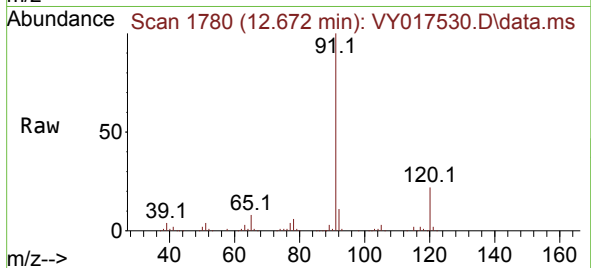




#78
n-propylbenzene
Concen: 24.146 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

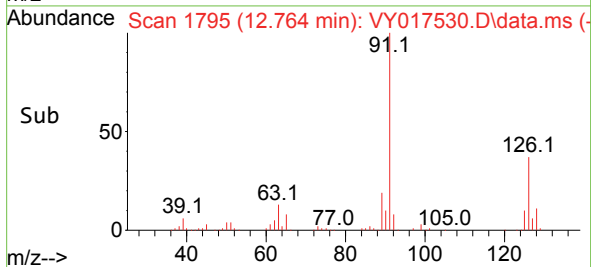
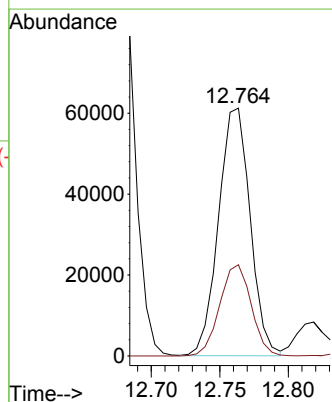
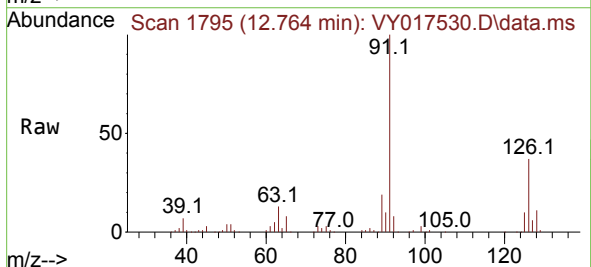
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBSD01

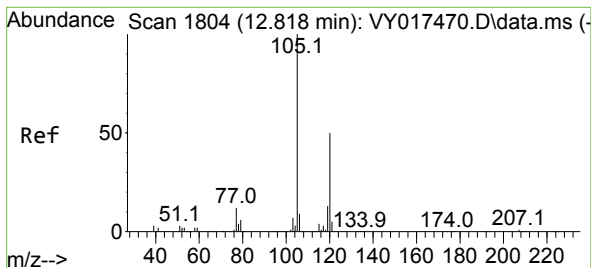
Tgt Ion: 91 Resp: 181880
Ion Ratio Lower Upper
91 100
120 22.7 11.5 34.4



#79
2-Chlorotoluene
Concen: 23.363 ug/l
RT: 12.764 min Scan# 1795
Delta R.T. 0.006 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion: 91 Resp: 98526
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5





#80

1,3,5-Trimethylbenzene

Concen: 23.480 ug/l

RT: 12.818 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

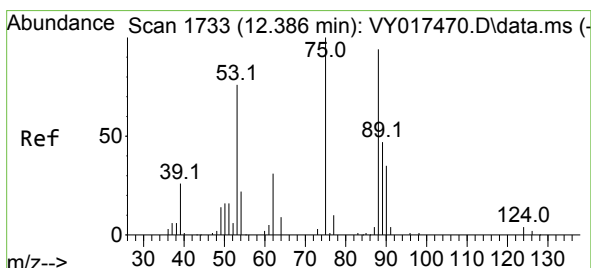
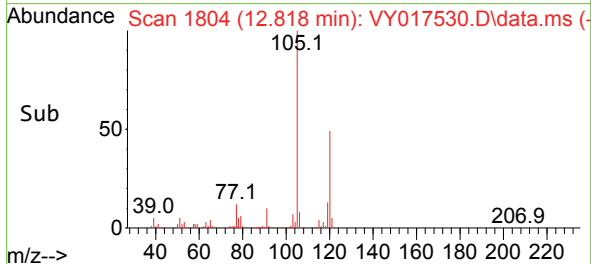
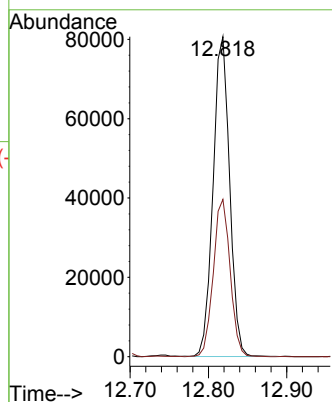
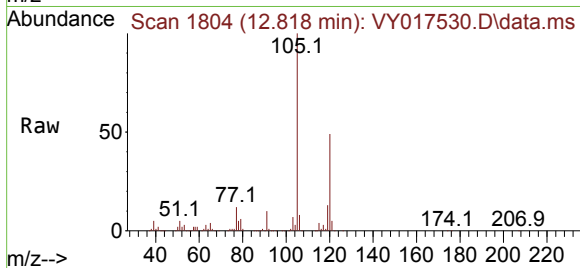
VY0229SBS01

Tgt Ion:105 Resp: 118088

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 22.908 ug/l

RT: 12.386 min Scan# 1733

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

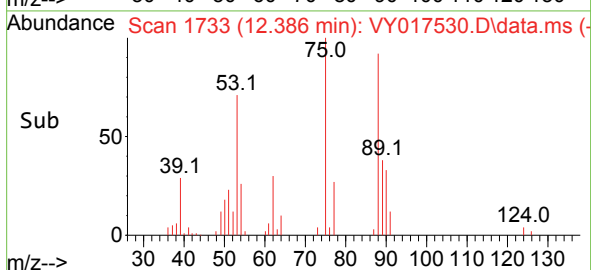
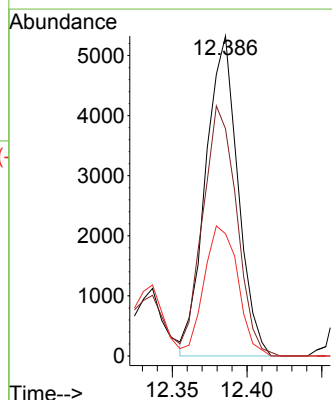
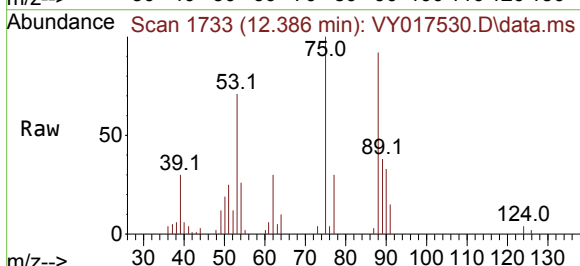
Tgt Ion: 75 Resp: 8004

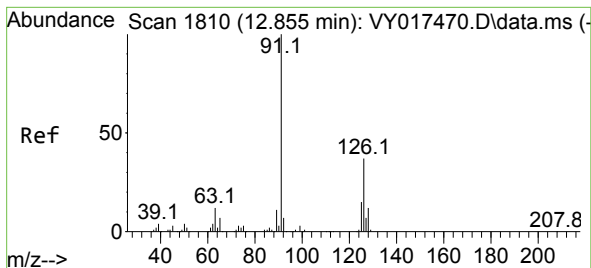
Ion Ratio Lower Upper

75 100

53 81.8 66.8 100.2

89 42.5 35.8 53.6





#82

4-Chlorotoluene

Concen: 23.305 ug/l

RT: 12.861 min Scan# 1811

Delta R.T. 0.006 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

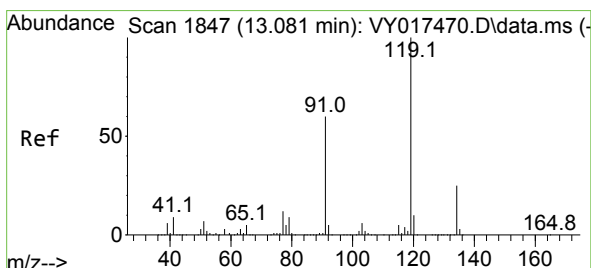
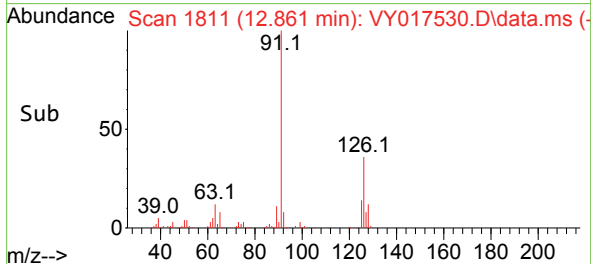
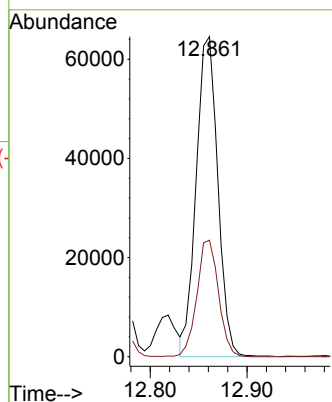
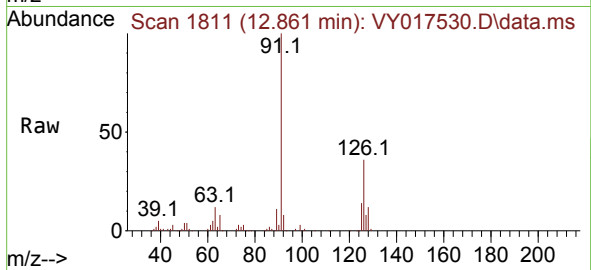
VY0229SBS01

Tgt Ion: 91 Resp: 100524

Ion Ratio Lower Upper

91 100

126 36.5 17.6 52.9



#83

tert-Butylbenzene

Concen: 23.581 ug/l

RT: 13.081 min Scan# 1847

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

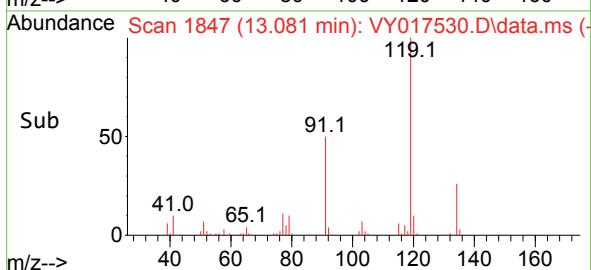
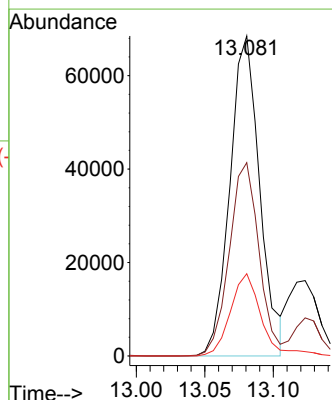
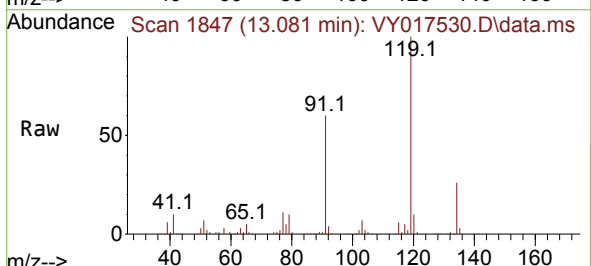
Tgt Ion: 119 Resp: 104143

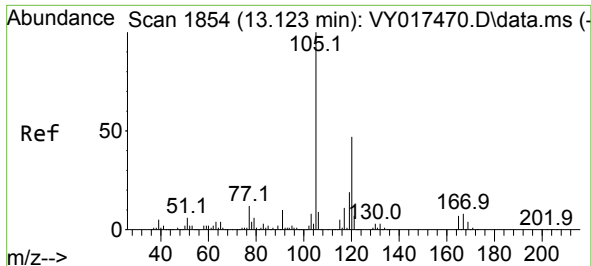
Ion Ratio Lower Upper

119 100

91 60.1 31.3 93.8

134 26.6 13.4 40.1

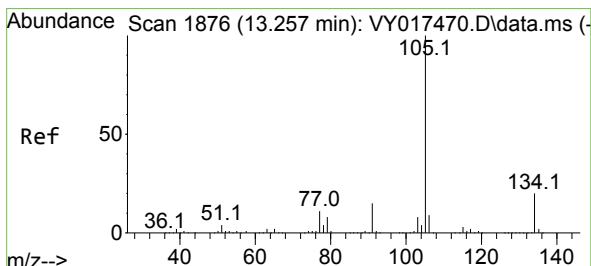
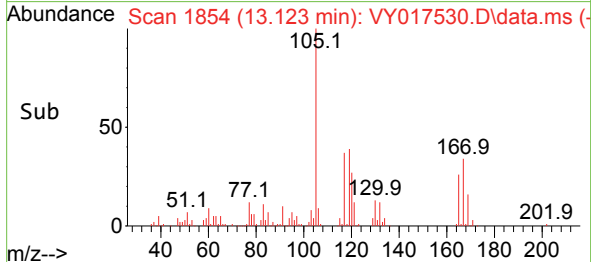
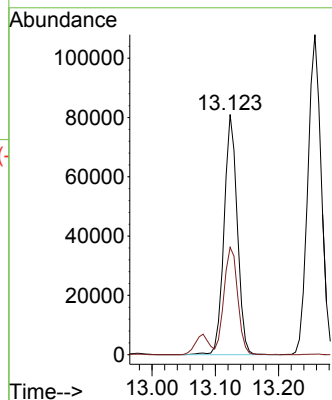
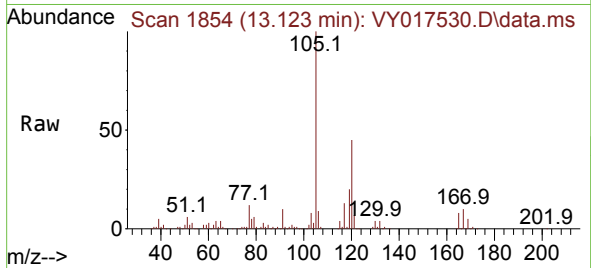




#84
1,2,4-Trimethylbenzene
Concen: 23.562 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

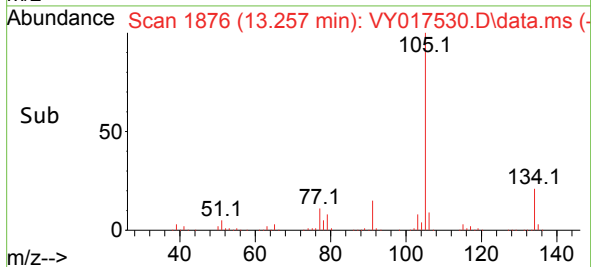
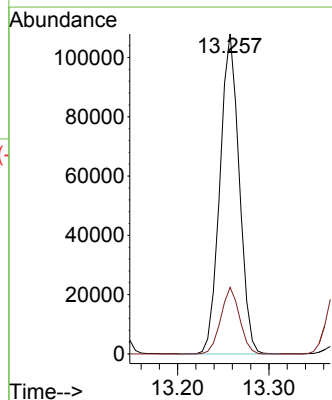
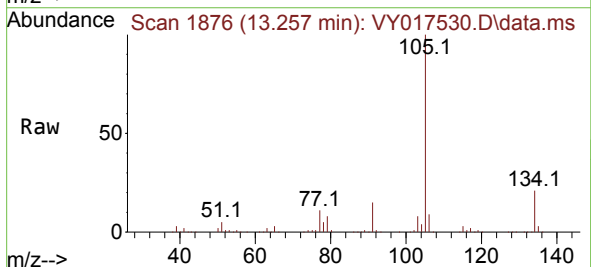
Instrument :
MSVOA_Y
ClientSampleId :
VY0229SBS01

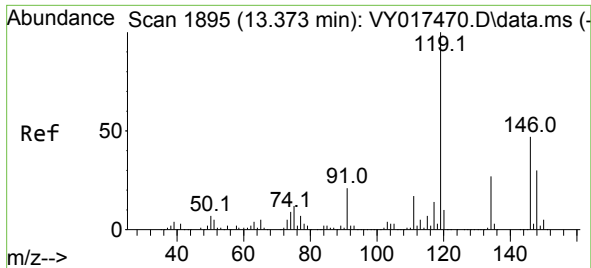
Tgt Ion:105 Resp: 116987
Ion Ratio Lower Upper
105 100
120 46.5 23.2 69.6



#85
sec-Butylbenzene
Concen: 23.493 ug/l
RT: 13.257 min Scan# 1876
Delta R.T. 0.000 min
Lab File: VY017530.D
Acq: 29 Feb 2024 16:03

Tgt Ion:105 Resp: 158624
Ion Ratio Lower Upper
105 100
134 20.2 10.1 30.1

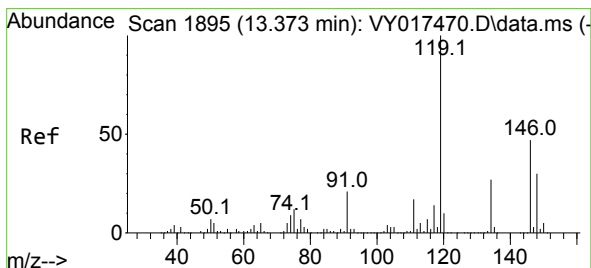
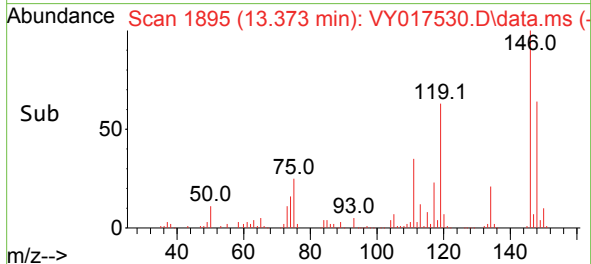
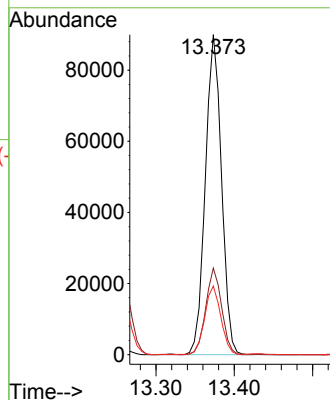
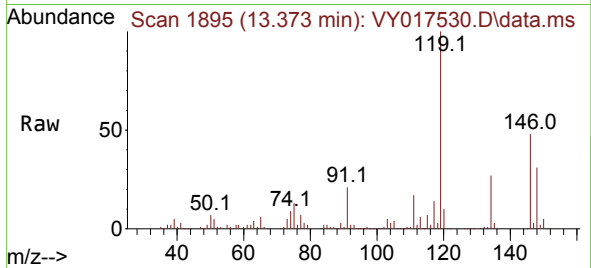




#86
 p-Isopropyltoluene
 Concen: 23.275 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: VY017530.D
 Acq: 29 Feb 2024 16:03

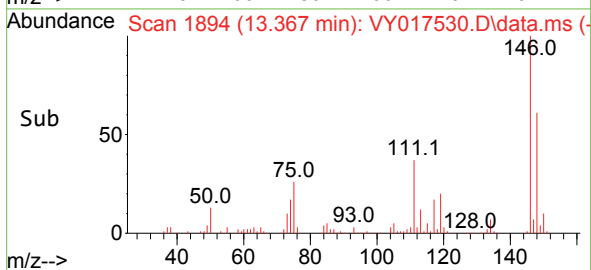
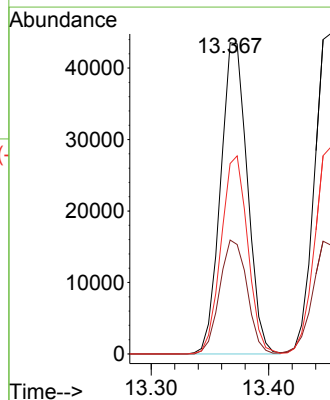
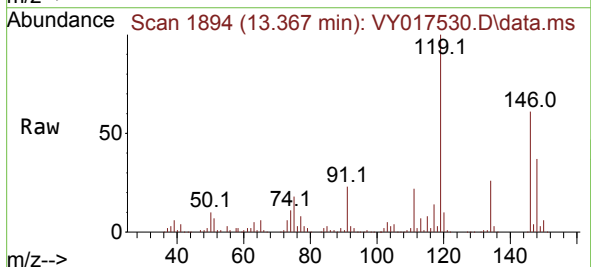
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBS01

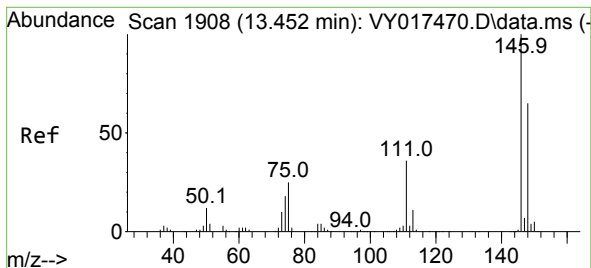
Tgt Ion:119 Resp: 128646
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.1 39.3
 91 21.3 10.7 32.1



#87
 1,3-Dichlorobenzene
 Concen: 22.644 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. -0.006 min
 Lab File: VY017530.D
 Acq: 29 Feb 2024 16:03

Tgt Ion:146 Resp: 69095
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.0 57.0
 148 63.1 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 23.468 ug/l

RT: 13.452 min Scan# 1908

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBSD01

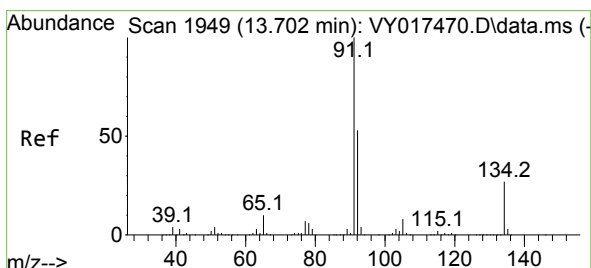
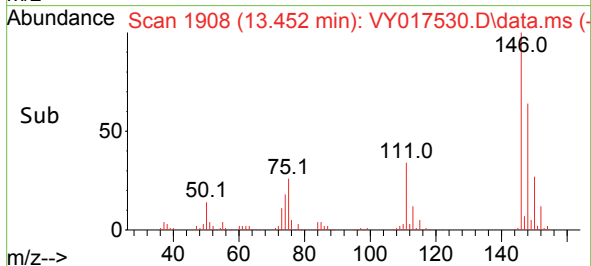
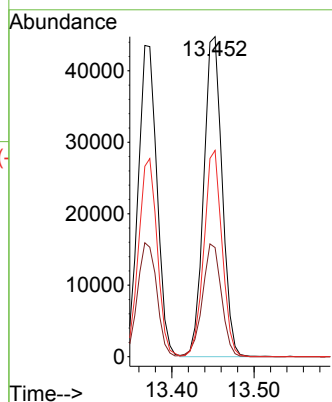
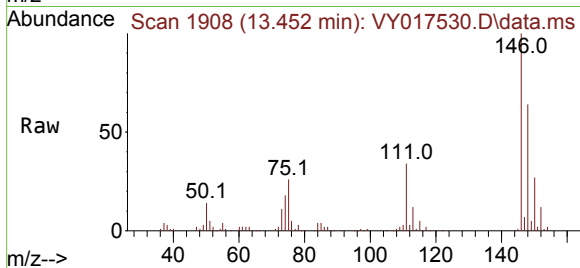
Tgt Ion:146 Resp: 69620

Ion Ratio Lower Upper

146 100

111 36.4 18.4 55.4

148 63.4 32.4 97.2



#89

n-Butylbenzene

Concen: 23.700 ug/l

RT: 13.702 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

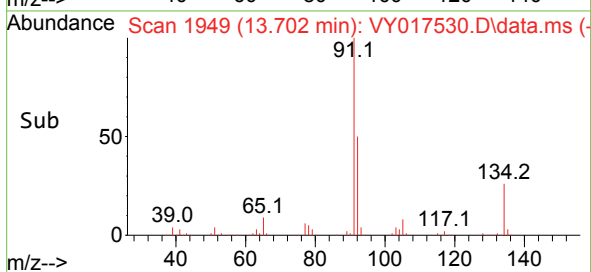
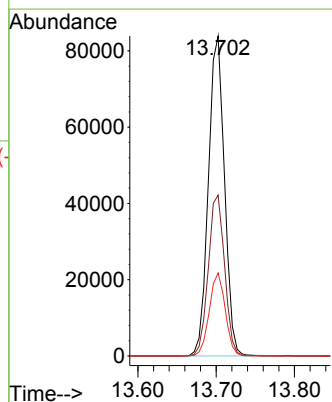
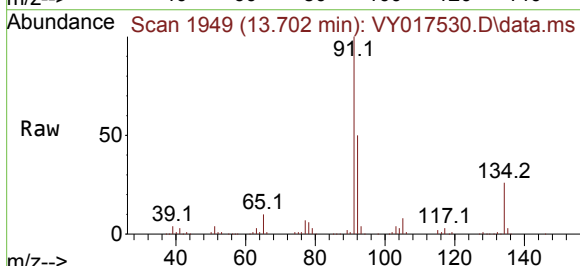
Tgt Ion: 91 Resp: 119519

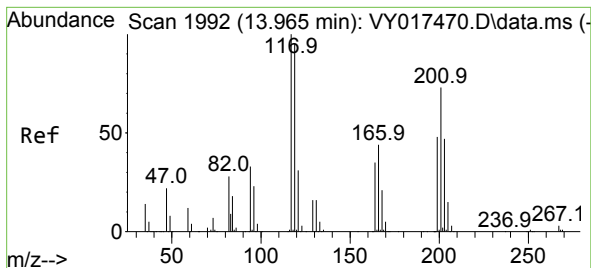
Ion Ratio Lower Upper

91 100

92 51.0 26.6 79.7

134 25.8 12.9 38.7





#90

Hexachloroethane

Concen: 23.307 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

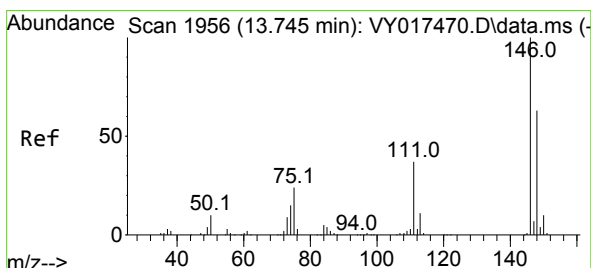
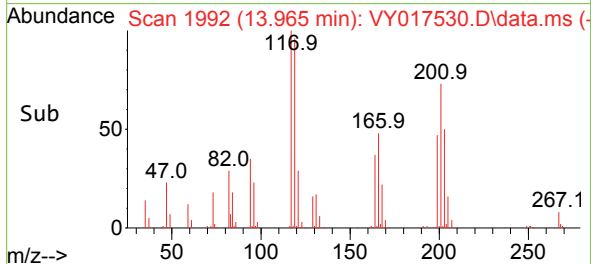
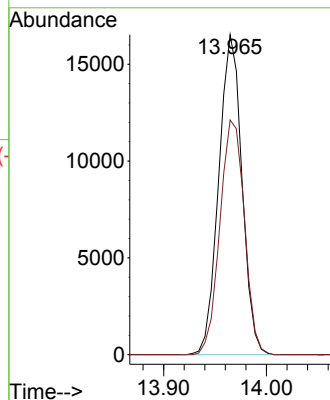
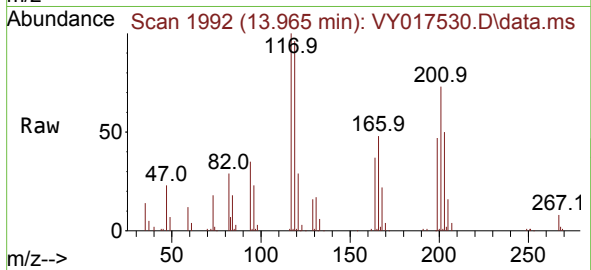
VY0229SBS01

Tgt Ion:117 Resp: 25827

Ion Ratio Lower Upper

117 100

201 77.6 37.4 112.2



#91

1,2-Dichlorobenzene

Concen: 23.017 ug/l

RT: 13.745 min Scan# 1956

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

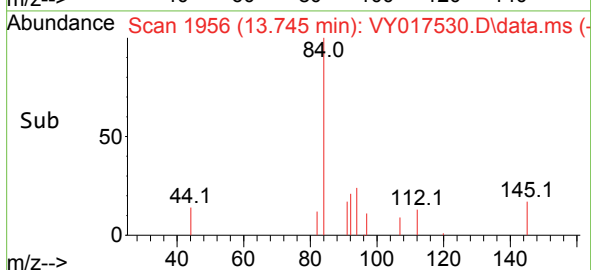
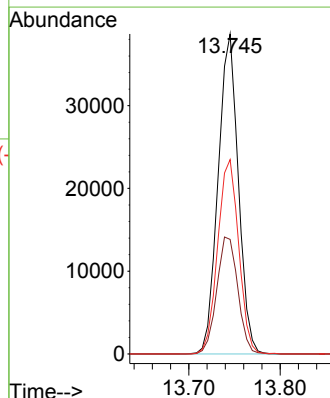
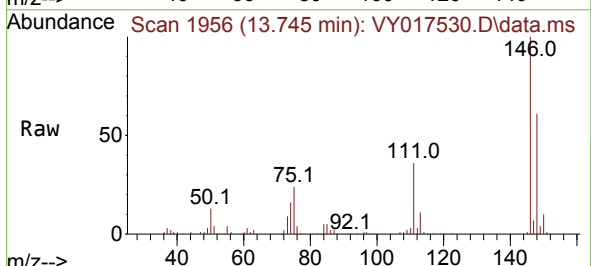
Tgt Ion:146 Resp: 59408

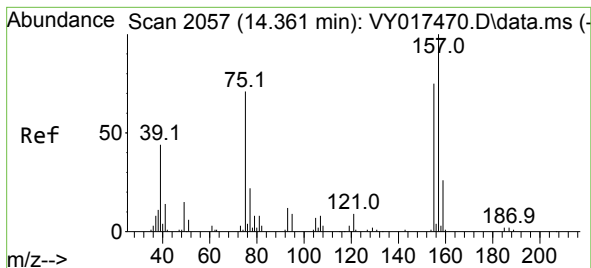
Ion Ratio Lower Upper

146 100

111 38.2 19.9 59.7

148 63.2 31.8 95.4

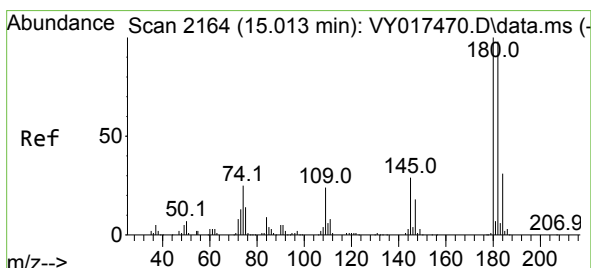
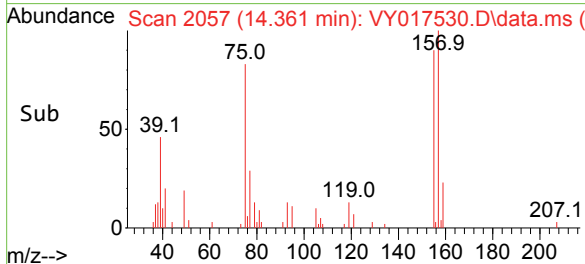
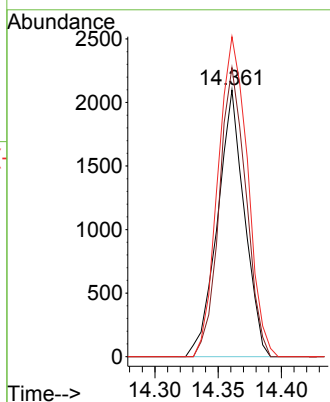
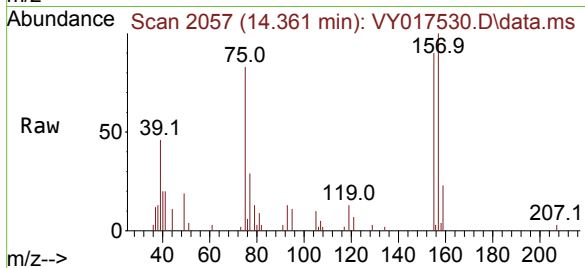




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.482 ug/l
 RT: 14.361 min Scan# 2057
 Delta R.T. 0.000 min
 Lab File: VY017530.D
 Acq: 29 Feb 2024 16:03

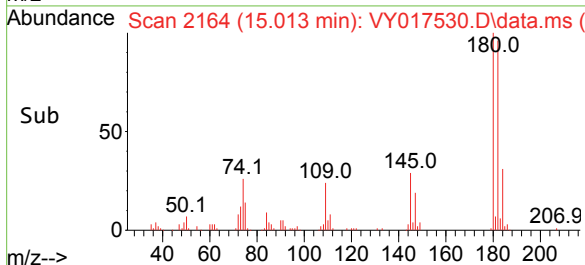
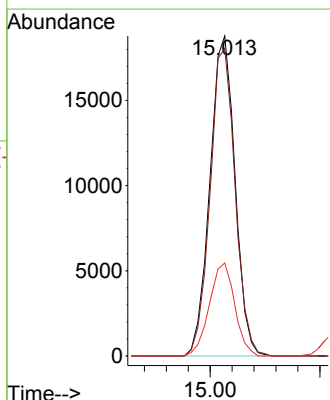
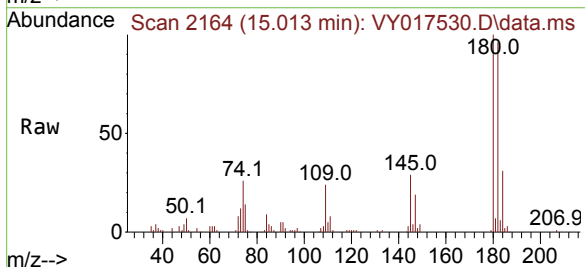
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBS01

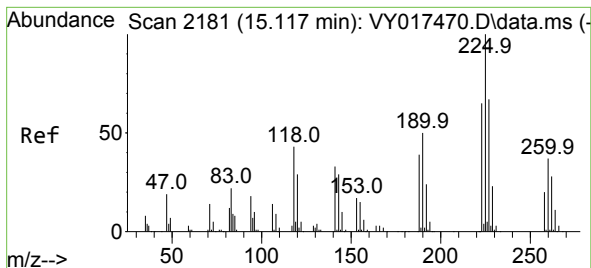
Tgt Ion: 75	Resp:	3104
Ion	Ratio	Lower Upper
75	100	
155	107.2	48.6 145.8
157	131.5	62.7 188.2



#93
 1,2,4-Trichlorobenzene
 Concen: 21.852 ug/l
 RT: 15.013 min Scan# 2164
 Delta R.T. 0.000 min
 Lab File: VY017530.D
 Acq: 29 Feb 2024 16:03

Tgt Ion: 180	Resp:	29792
Ion	Ratio	Lower Upper
180	100	
182	95.7	47.9 143.8
145	29.3	14.2 42.6





#94

Hexachlorobutadiene

Concen: 23.723 ug/l

RT: 15.117 min Scan# 2181

Delta R.T. 0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

Instrument :

MSVOA_Y

ClientSampleId :

VY0229SBS01

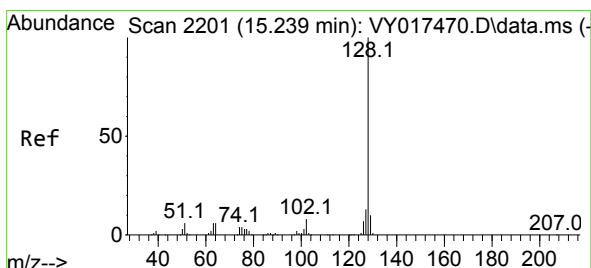
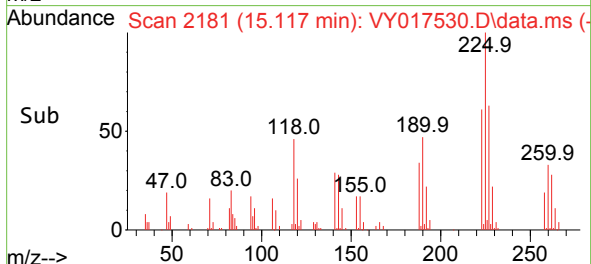
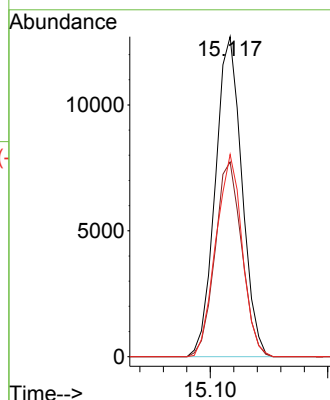
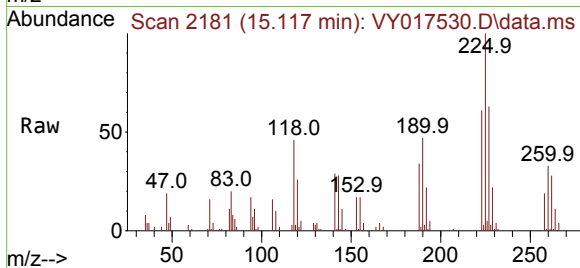
Tgt Ion:225 Resp: 19968

Ion Ratio Lower Upper

225 100

223 61.4 30.4 91.2

227 62.7 31.9 95.9



#95

Naphthalene

Concen: 20.888 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. -0.000 min

Lab File: VY017530.D

Acq: 29 Feb 2024 16:03

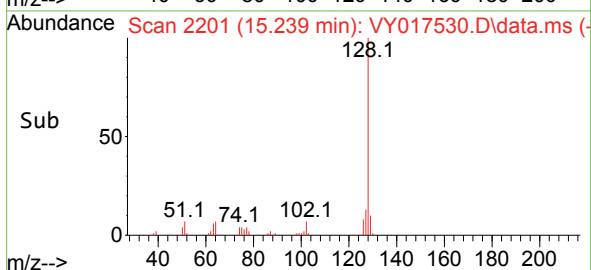
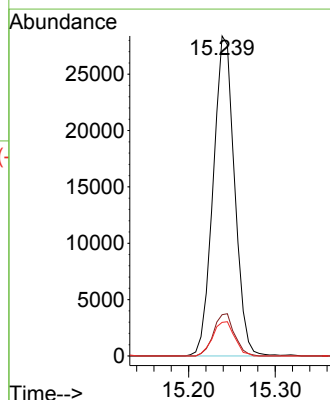
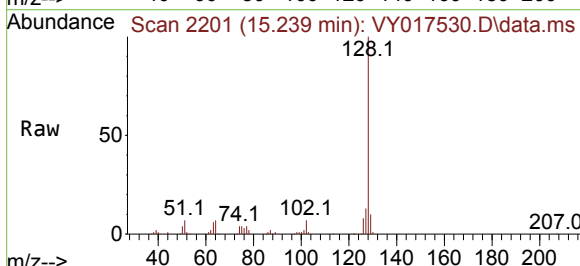
Tgt Ion:128 Resp: 48648

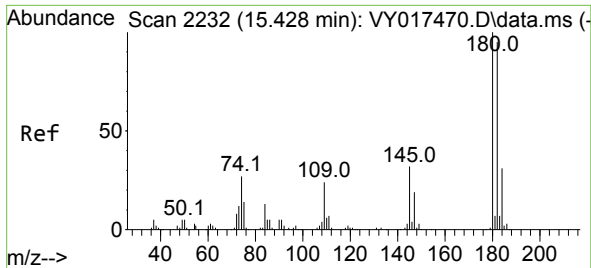
Ion Ratio Lower Upper

128 100

127 12.9 10.6 16.0

129 11.0 8.6 13.0





#96
 1,2,3-Trichlorobenzene
 Concen: 21.654 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VY017530.D
 Acq: 29 Feb 2024 16:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0229SBSD01

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.6	142.9
145	29.7	15.4	46.1

