

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018324.D
 Acq On : 20 May 2024 10:47
 Operator : SY/MD
 Sample : VY0520SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

Quant Time: May 21 01:20:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	157282	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279340	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	236943	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110525	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	73354	63.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.800%	
35) Dibromofluoromethane	7.710	113	79633	54.244	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.480%	
50) Toluene-d8	10.179	98	310819	53.728	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.460%	
62) 4-Bromofluorobenzene	12.477	95	95337	51.030	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 102.060%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27047	21.684	ug/l	97
3) Chloromethane	2.107	50	39262	23.515	ug/l	97
4) Vinyl Chloride	2.247	62	46389	22.919	ug/l	98
5) Bromomethane	2.637	94	31038	22.081	ug/l	93
6) Chloroethane	2.784	64	29895	23.273	ug/l	99
7) Trichlorofluoromethane	3.113	101	53132	22.411	ug/l	94
8) Diethyl Ether	3.515	74	16732	21.439	ug/l	92
9) 1,1,2-Trichlorotrifluo...	3.893	101	32626	21.593	ug/l	97
10) Methyl Iodide	4.082	142	33775	19.143	ug/l	98
11) Tert butyl alcohol	4.954	59	13316	125.019	ug/l #	73
12) 1,1-Dichloroethene	3.863	96	32989	21.688	ug/l	96
13) Acrolein	3.723	56	15928	138.849	ug/l	99
14) Allyl chloride	4.473	41	44666	23.083	ug/l	96
15) Acrylonitrile	5.149	53	37410	124.644	ug/l	99
16) Acetone	3.936	43	29673	128.507	ug/l #	85
17) Carbon Disulfide	4.186	76	89906	21.712	ug/l	97
18) Methyl Acetate	4.466	43	16914	25.715	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	79699	23.522	ug/l	100
20) Methylene Chloride	4.710	84	47930	29.367	ug/l	98
21) trans-1,2-Dichloroethene	5.210	96	34863	21.622	ug/l	97
22) Diisopropyl ether	6.106	45	98936	24.102	ug/l	92
23) Vinyl Acetate	6.045	43	301701	120.928	ug/l	98
24) 1,1-Dichloroethane	6.009	63	58153	23.002	ug/l	96
25) 2-Butanone	6.972	43	48229	130.666	ug/l #	87
26) 2,2-Dichloropropane	6.972	77	51725	22.605	ug/l	98
27) cis-1,2-Dichloroethene	6.972	96	41616	21.841	ug/l	99
28) Bromochloromethane	7.326	49	22517	22.283	ug/l	91
29) Tetrahydrofuran	7.338	42	31541	129.457	ug/l	92
30) Chloroform	7.502	83	60653	22.980	ug/l	98
31) Cyclohexane	7.783	56	55589	23.556	ug/l	95
32) 1,1,1-Trichloroethane	7.698	97	52174	22.055	ug/l	98
36) 1,1-Dichloropropene	7.911	75	46309	22.004	ug/l	99
37) Ethyl Acetate	7.064	43	21958	24.789	ug/l #	95
38) Carbon Tetrachloride	7.899	117	45646	19.850	ug/l	93
39) Methylcyclohexane	9.179	83	63603	20.948	ug/l	96
40) Benzene	8.155	78	143693	21.226	ug/l	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	9100	17.791	ug/l #	81
42) 1,2-Dichloroethane	8.228	62	34437	23.380	ug/l	99
43) Isopropyl Acetate	8.265	43	42253	23.272	ug/l	95
44) Trichloroethene	8.935	130	35685	19.364	ug/l	96
45) 1,2-Dichloropropane	9.209	63	32874	22.212	ug/l	100
46) Dibromomethane	9.301	93	18559	21.813	ug/l	93
47) Bromodichloromethane	9.490	83	44744	21.272	ug/l	97
48) Methyl methacrylate	9.289	41	18480	22.208	ug/l	93
49) 1,4-Dioxane	9.295	88	5017	444.231	ug/l #	96
51) 4-Methyl-2-Pentanone	10.063	43	105075	115.144	ug/l	95
52) Toluene	10.240	92	87729	20.130	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	40789	20.761	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	50547	21.047	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	24829	21.243	ug/l	97
56) Ethyl methacrylate	10.508	69	32564	20.514	ug/l	88
57) 1,3-Dichloropropane	10.788	76	42011	22.085	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	84312	111.232	ug/l	100
59) 2-Hexanone	10.831	43	71705	112.379	ug/l	95
60) Dibromochloromethane	10.984	129	30797	20.309	ug/l	98
61) 1,2-Dibromoethane	11.087	107	22889	20.791	ug/l	96
64) Tetrachloroethene	10.715	164	32267	20.453	ug/l	91
65) Chlorobenzene	11.514	112	96233	19.941	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	31227	20.005	ug/l	97
67) Ethyl Benzene	11.593	91	164649	20.207	ug/l	96
68) m/p-Xylenes	11.703	106	127854	39.680	ug/l	98
69) o-Xylene	12.026	106	61555	19.907	ug/l	95
70) Styrene	12.044	104	102690	19.886	ug/l	97
71) Bromoform	12.209	173	16559	19.173	ug/l #	98
73) Isopropylbenzene	12.325	105	159962	19.303	ug/l	99
74) N-amyl acetate	12.142	43	35166	20.443	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	26580	20.107	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	33536	37.907	ug/l #	100
77) Bromobenzene	12.605	156	35747	18.778	ug/l	97
78) n-propylbenzene	12.672	91	186004	19.298	ug/l	98
79) 2-Chlorotoluene	12.758	91	102122	19.066	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	128903	19.727	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	8812	19.191	ug/l	98
82) 4-Chlorotoluene	12.855	91	105422	19.595	ug/l	98
83) tert-Butylbenzene	13.075	119	114554	19.006	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	125483	19.604	ug/l	100
85) sec-Butylbenzene	13.251	105	171482	19.397	ug/l	99
86) p-Isopropyltoluene	13.367	119	138506	19.044	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	71126	19.346	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	71030	19.818	ug/l	98
89) n-Butylbenzene	13.696	91	129045	19.605	ug/l	99
90) Hexachloroethane	13.959	117	26552	18.609	ug/l	91
91) 1,2-Dichlorobenzene	13.739	146	61000	19.304	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3606	20.034	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	35340	19.893	ug/l	96
94) Hexachlorobutadiene	15.111	225	18855	19.236	ug/l	96
95) Naphthalene	15.233	128	64689	19.872	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	29526	20.252	ug/l	96

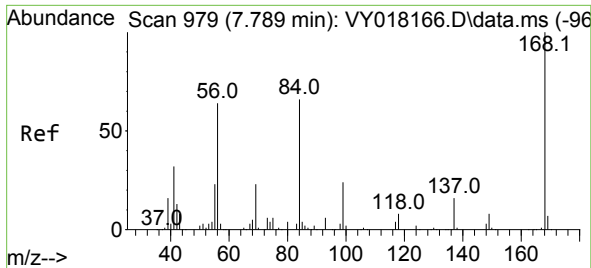
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Response via : Initial Calibration

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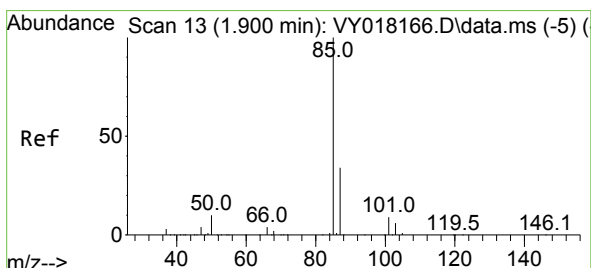
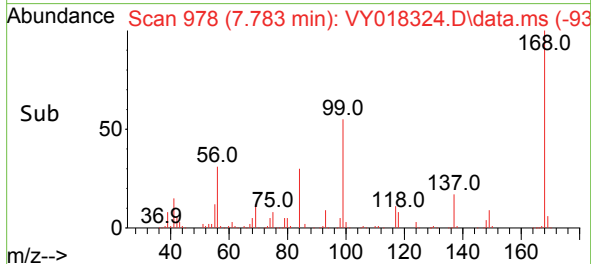
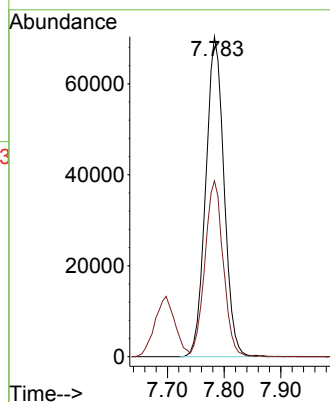
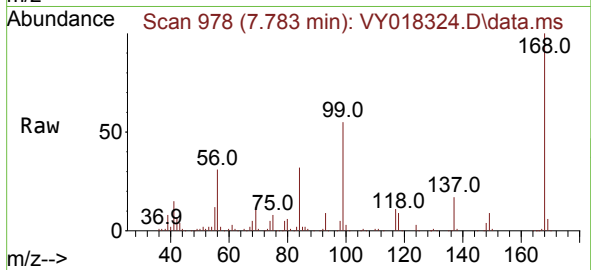
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

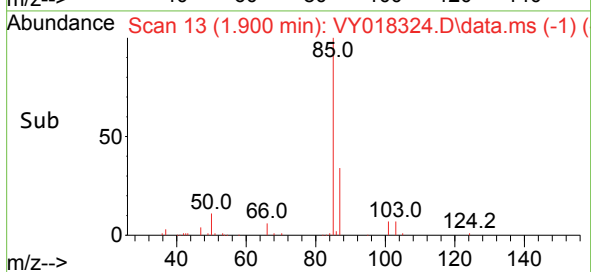
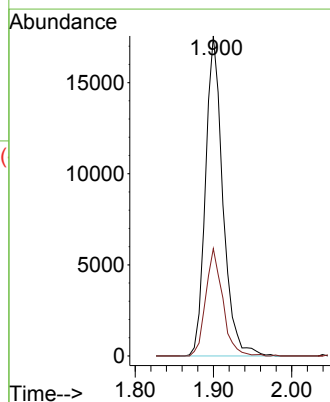
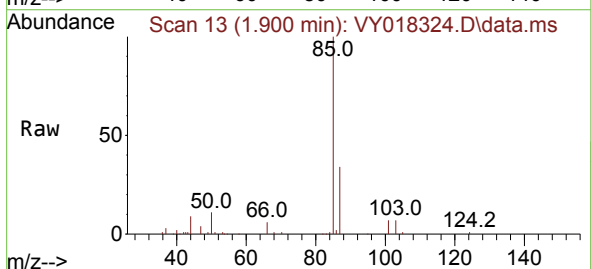
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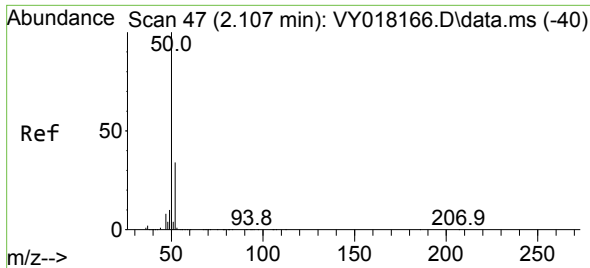
Tgt Ion:168 Resp: 157282
Ion Ratio Lower Upper
168 100
99 54.8 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.684 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 85 Resp: 27047
Ion Ratio Lower Upper
85 100
87 33.6 16.0 48.0

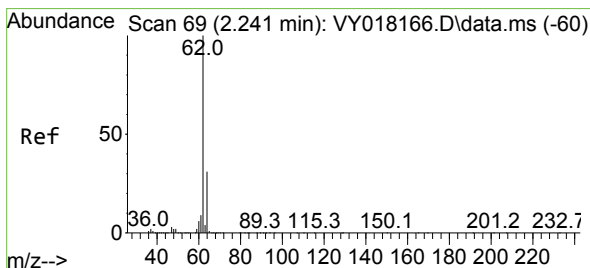
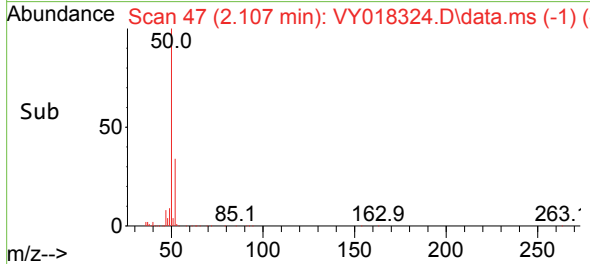
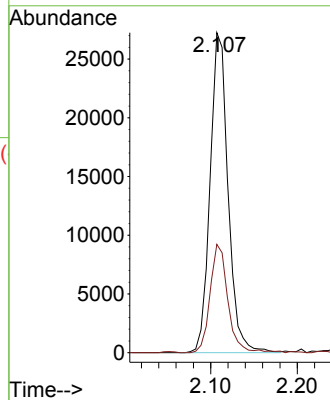
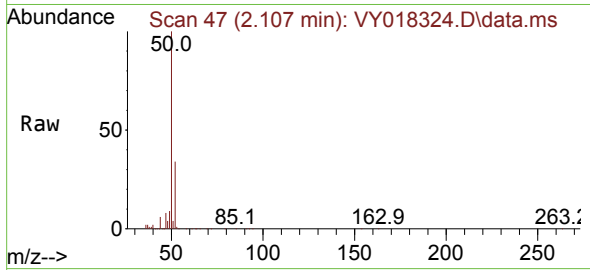




#3
Chloromethane
Concen: 23.515 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

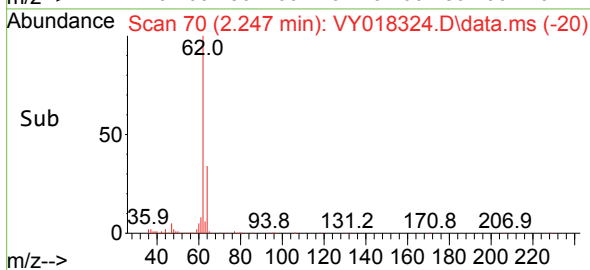
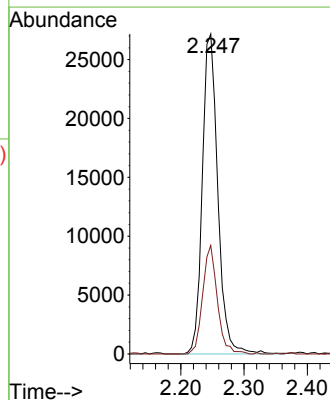
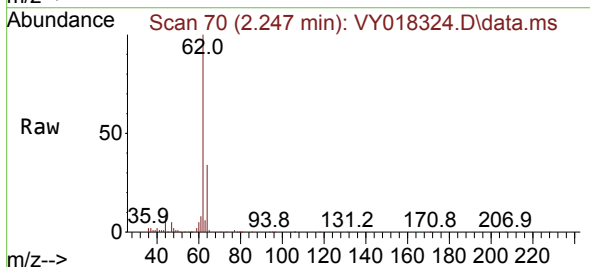
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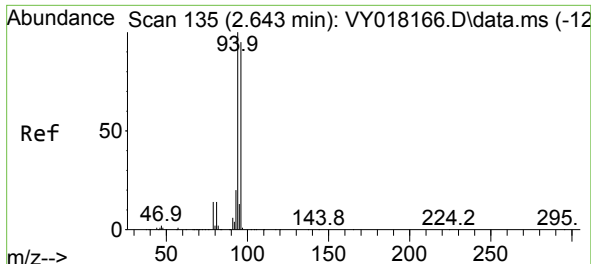
Tgt Ion: 50 Resp: 39262
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4



#4
Vinyl Chloride
Concen: 22.919 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 62 Resp: 46389
Ion Ratio Lower Upper
62 100
64 33.9 26.1 39.1

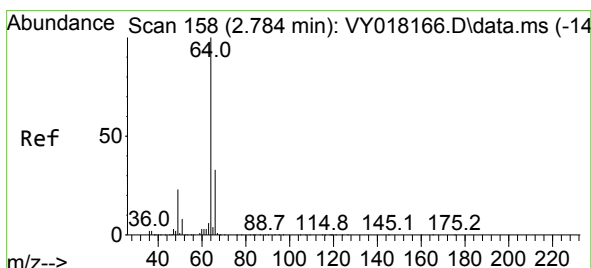
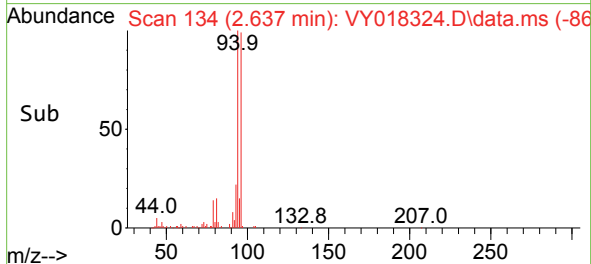
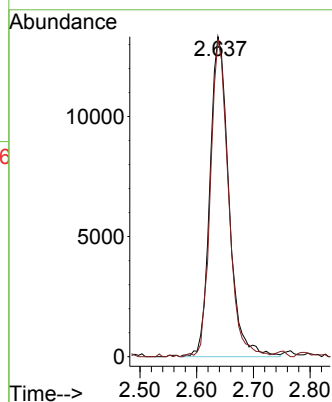
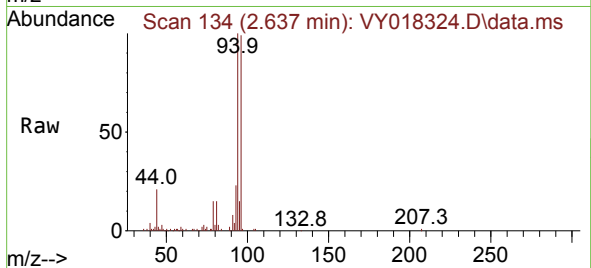




#5
Bromomethane
Concen: 22.081 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

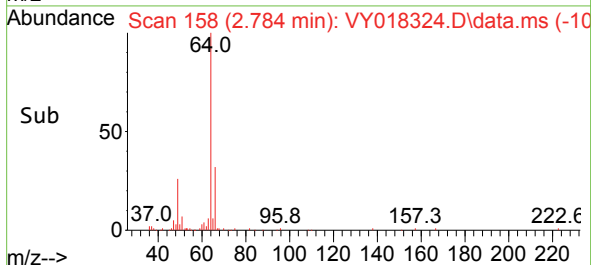
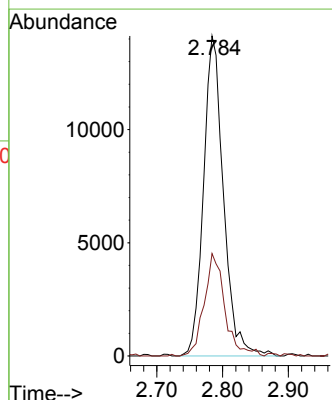
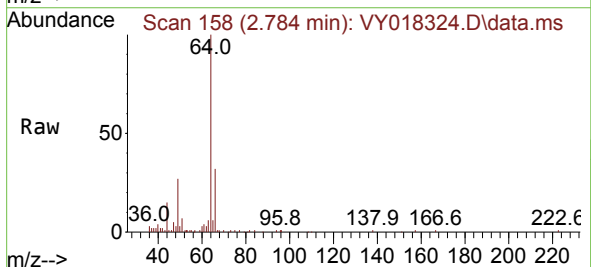
Instrument :
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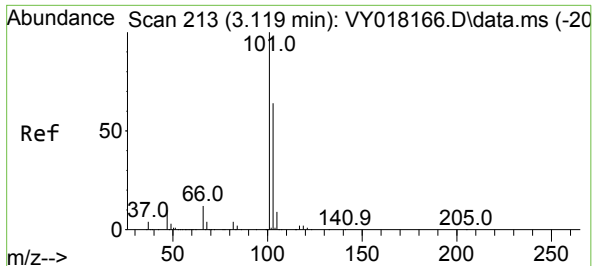
Tgt Ion: 94 Resp: 31038
Ion Ratio Lower Upper
94 100
96 99.0 74.1 111.1



#6
Chloroethane
Concen: 23.273 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 64 Resp: 29895
Ion Ratio Lower Upper
64 100
66 32.0 26.1 39.1

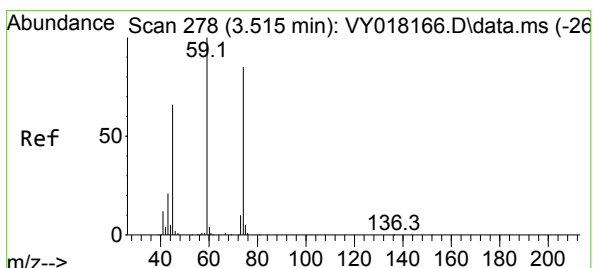
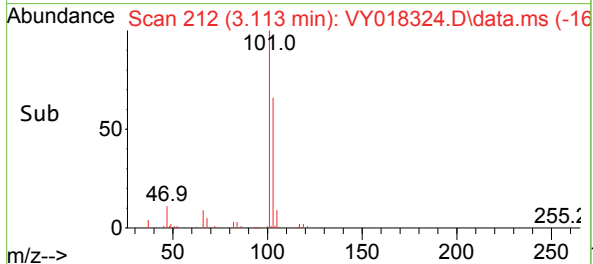
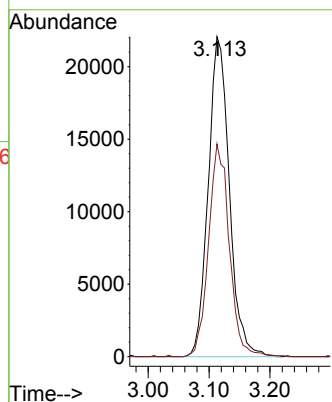
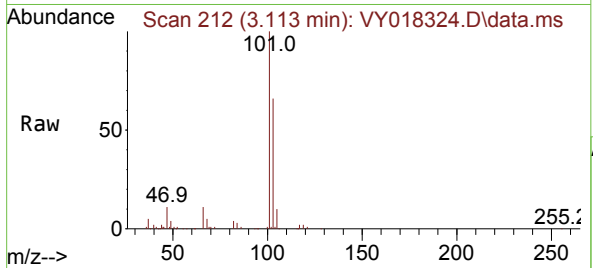




#7
 Trichlorofluoromethane
 Concen: 22.411 ug/l
 RT: 3.113 min Scan# 213
 Delta R.T. -0.006 min
 Lab File: VY018324.D
 Acq: 20 May 2024 10:47

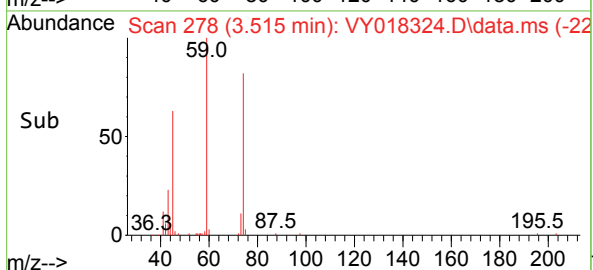
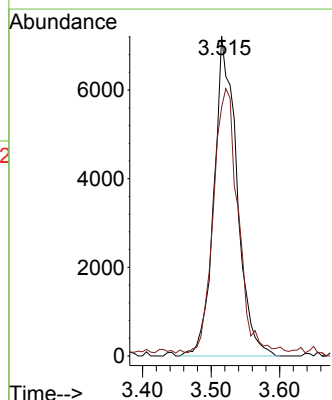
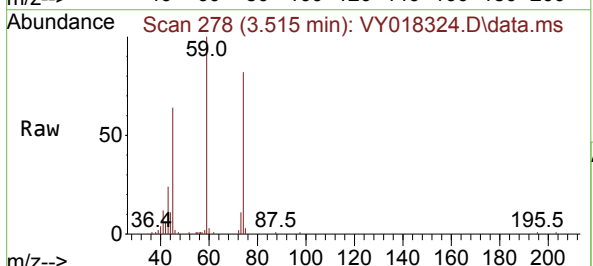
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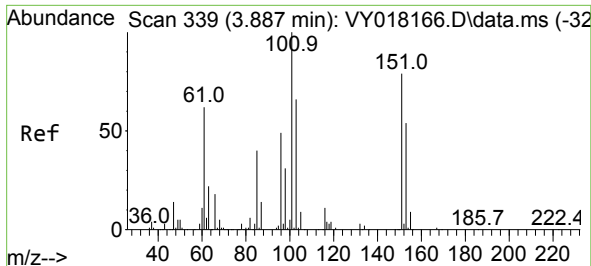
Tgt Ion:101 Resp: 53132
 Ion Ratio Lower Upper
 101 100
 103 66.4 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.439 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018324.D
 Acq: 20 May 2024 10:47

Tgt Ion: 74 Resp: 16732
 Ion Ratio Lower Upper
 74 100
 45 89.7 41.3 124.1

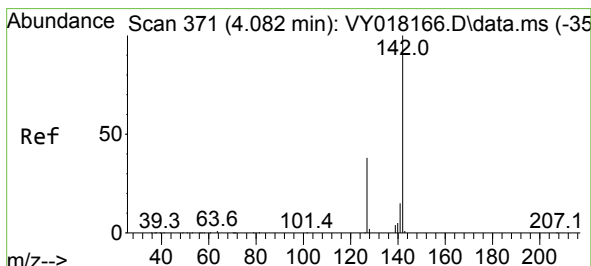
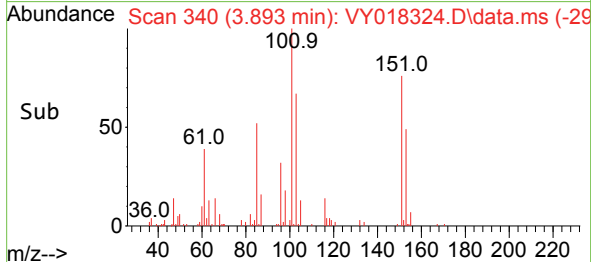
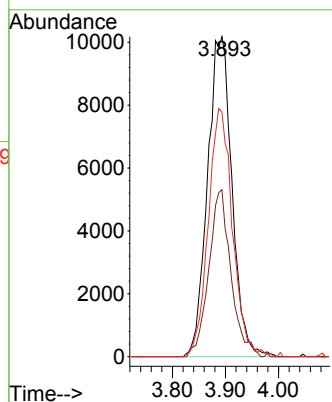
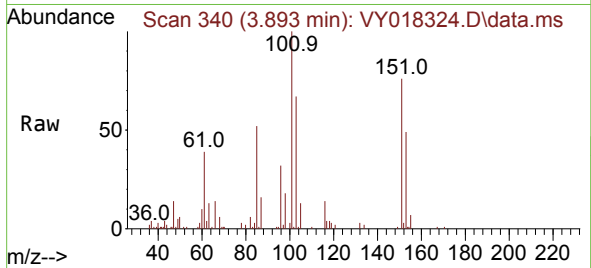




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.593 ug/l
RT: 3.893 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY018324.D
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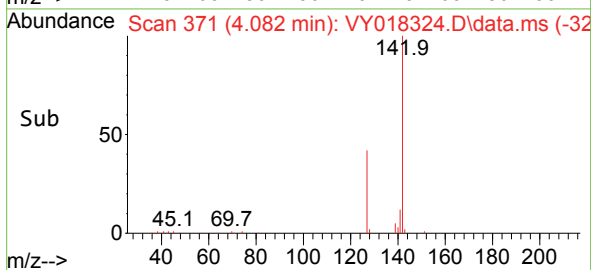
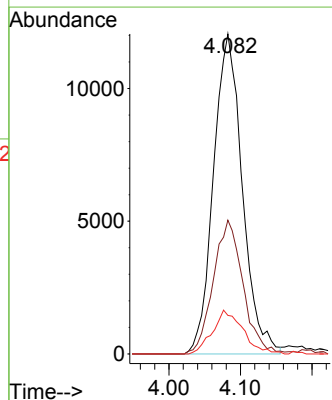
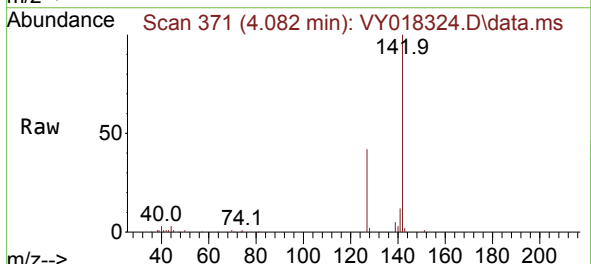
Instrument :
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ClientSampleId :
VY0520SBS01

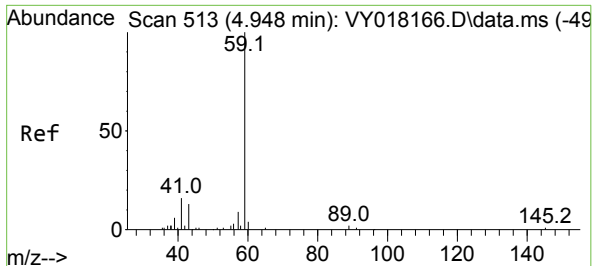
Tgt Ion:101 Resp: 32626
Ion Ratio Lower Upper
101 100
85 47.2 34.5 51.7
151 76.7 61.7 92.5



#10
Methyl Iodide
Concen: 19.143 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion:142 Resp: 33775
Ion Ratio Lower Upper
142 100
127 43.1 32.8 49.2
141 14.4 11.4 17.2

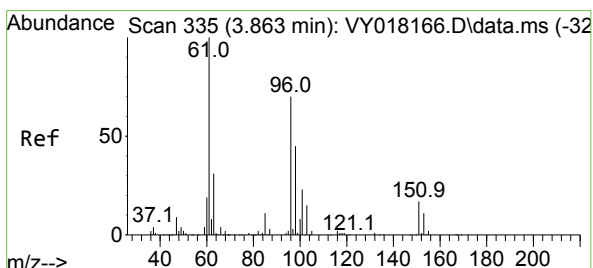
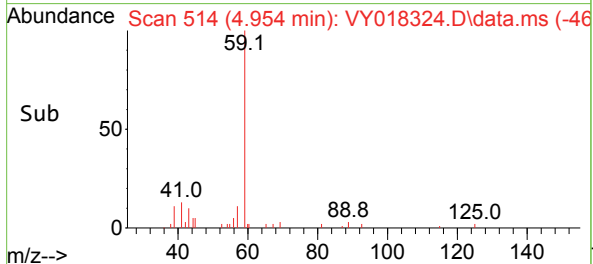
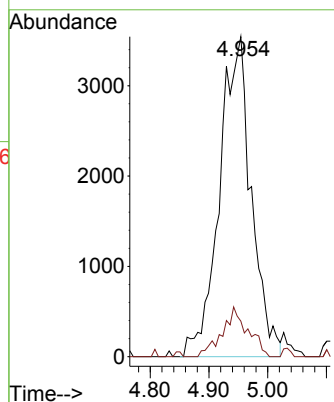
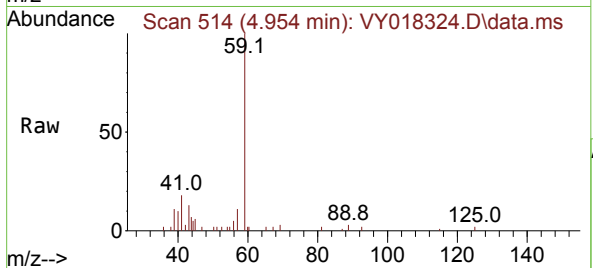




#11
Tert butyl alcohol
Concen: 125.019 ug/l
RT: 4.954 min Scan# 513
Delta R.T. 0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

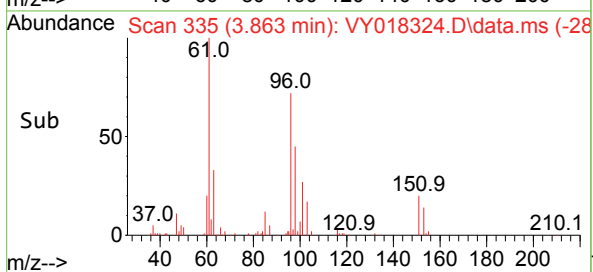
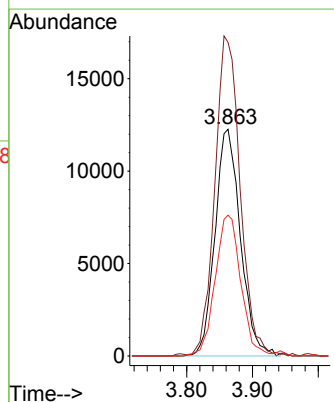
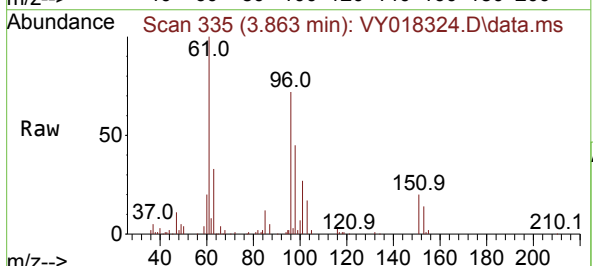
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

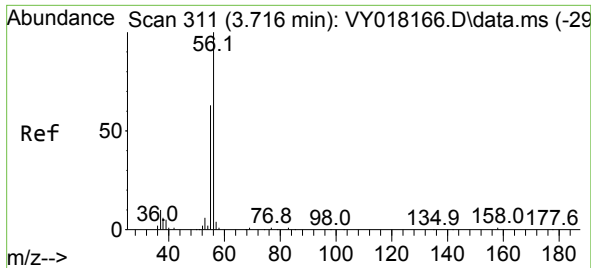
Tgt Ion: 59 Resp: 13316
Ion Ratio Lower Upper
59 100
57 12.5 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.688 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 96 Resp: 32989
Ion Ratio Lower Upper
96 100
61 137.5 114.6 171.8
98 62.1 50.8 76.2

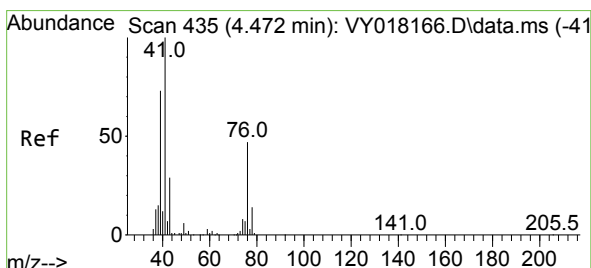
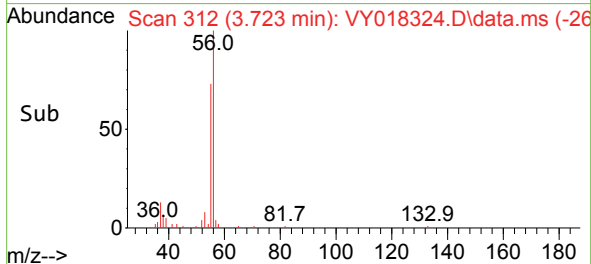
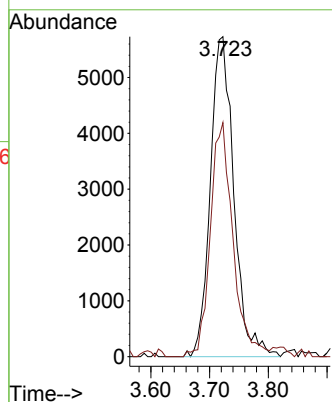
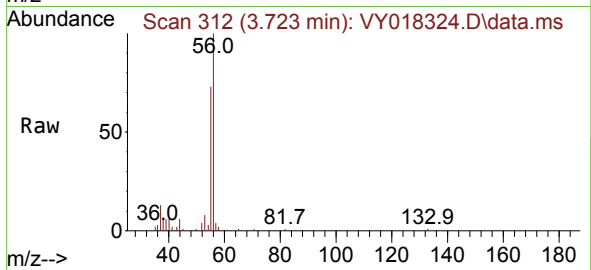




#13
Acrolein
Concen: 138.849 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

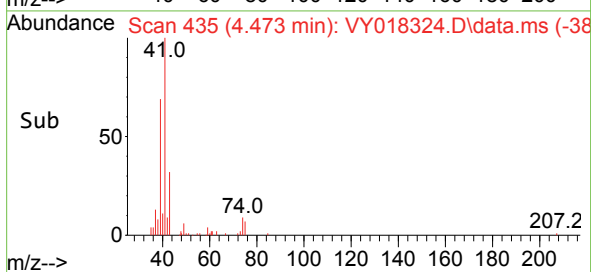
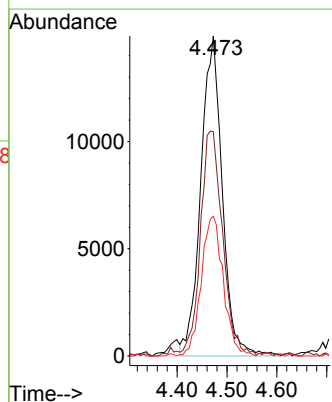
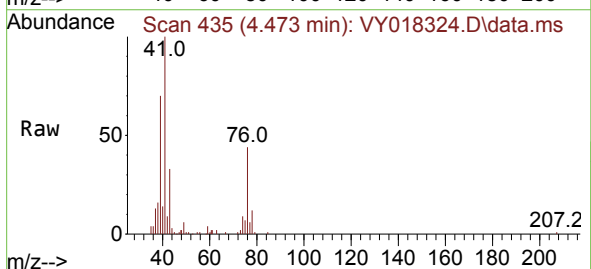
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

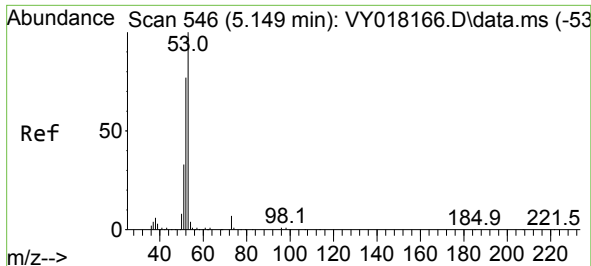
Tgt Ion: 56 Resp: 15928
Ion Ratio Lower Upper
56 100
55 70.3 55.7 83.5



#14
Allyl chloride
Concen: 23.083 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 41 Resp: 44666
Ion Ratio Lower Upper
41 100
39 71.1 58.3 87.5
76 44.8 39.0 58.6

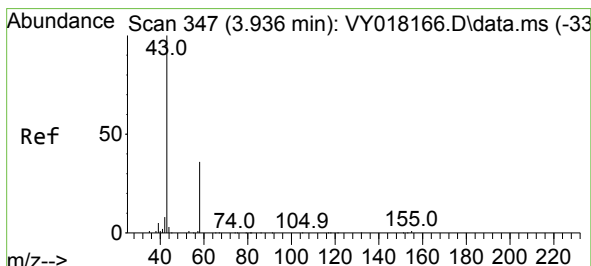
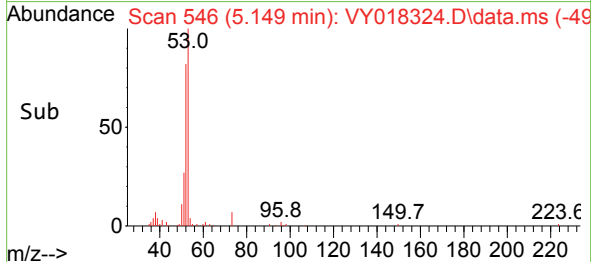
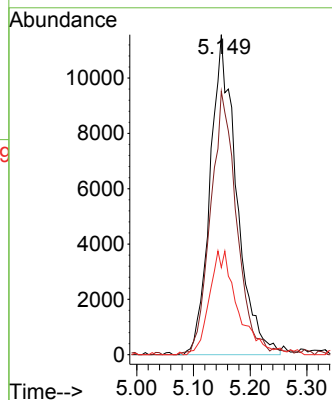
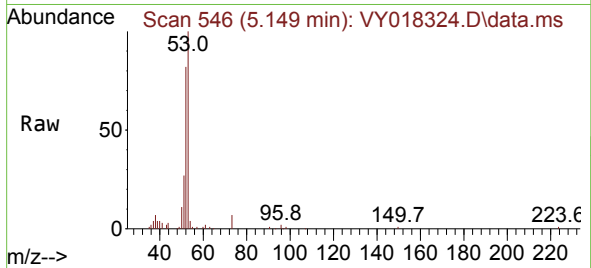




#15
Acrylonitrile
Concen: 124.644 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

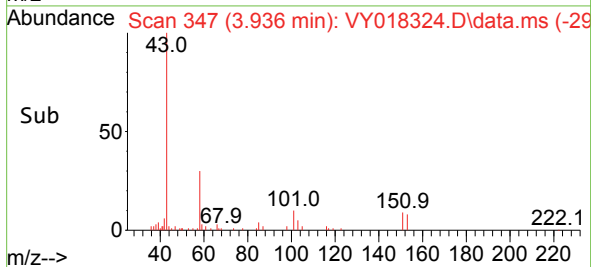
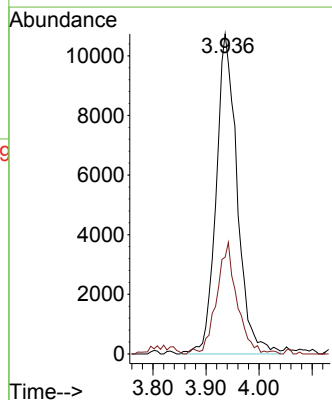
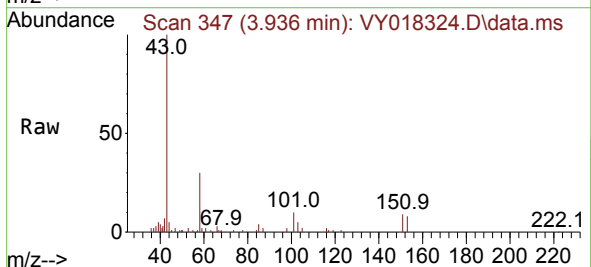
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

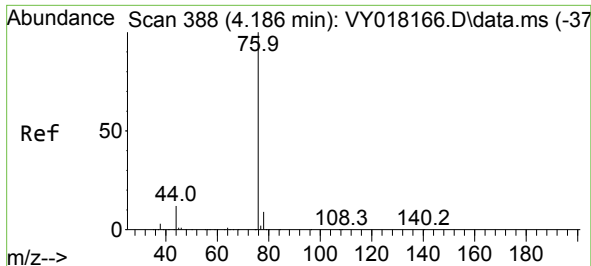
Tgt Ion: 53 Resp: 37410
Ion Ratio Lower Upper
53 100
52 80.4 64.7 97.1
51 35.1 28.4 42.6



#16
Acetone
Concen: 128.507 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 43 Resp: 29673
Ion Ratio Lower Upper
43 100
58 30.2 31.7 47.5#

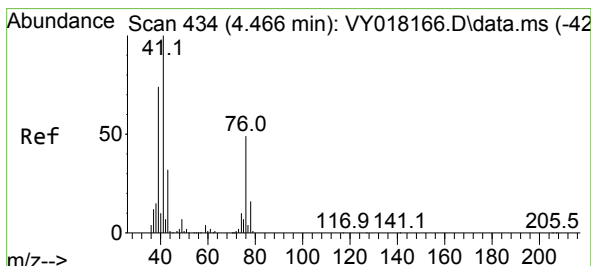
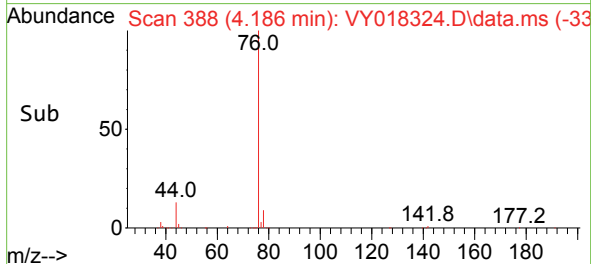
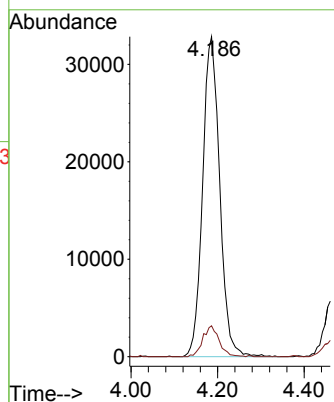
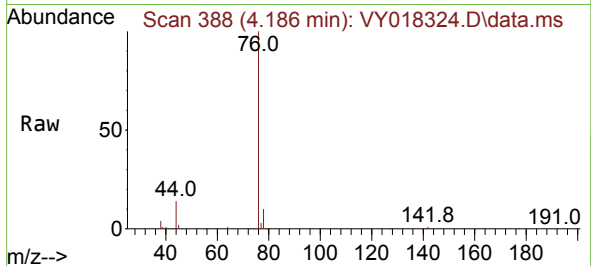




#17
Carbon Disulfide
Concen: 21.712 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

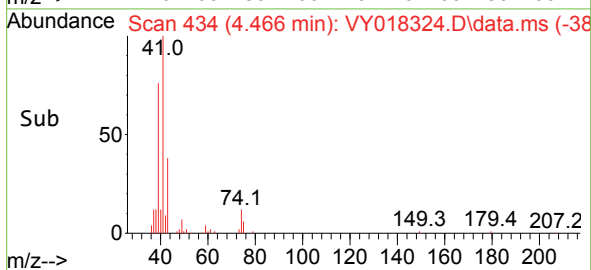
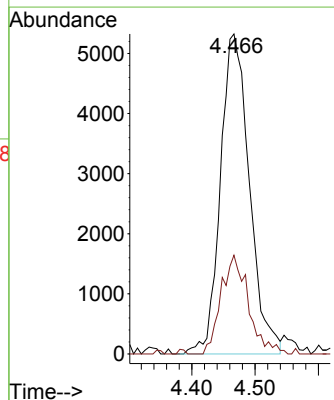
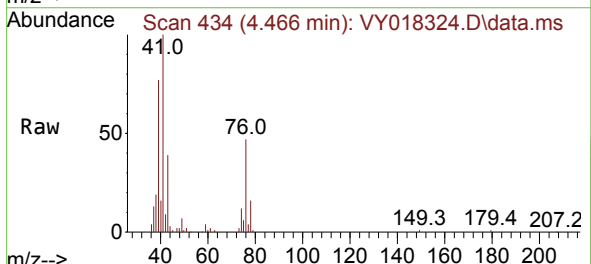
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

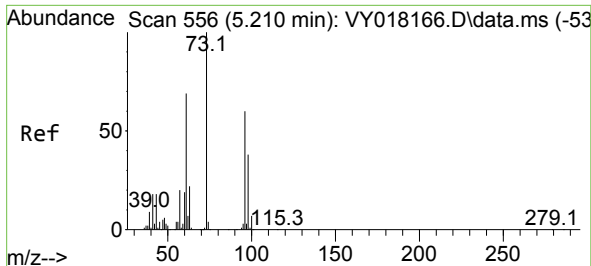
Tgt Ion: 76 Resp: 89906
Ion Ratio Lower Upper
76 100
78 9.7 6.8 10.2



#18
Methyl Acetate
Concen: 25.715 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 43 Resp: 16914
Ion Ratio Lower Upper
43 100
74 29.2 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 23.522 ug/l

RT: 5.210 min Scan# 51

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

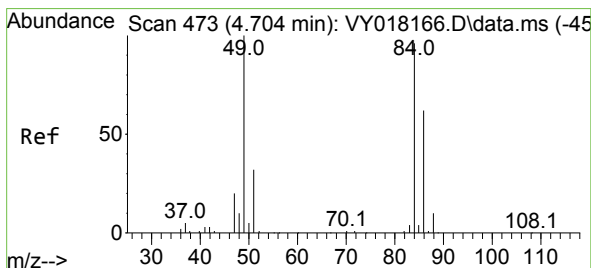
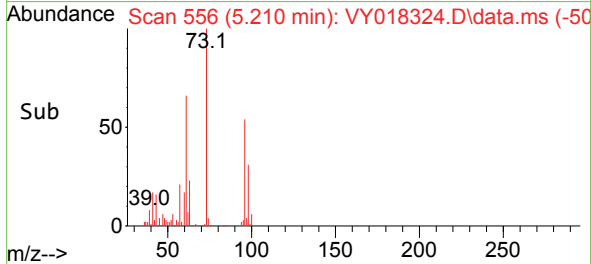
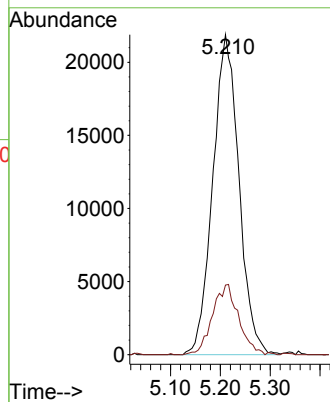
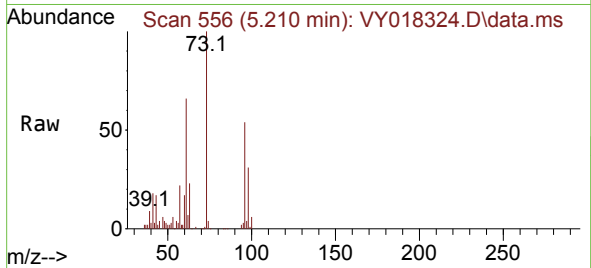
VY0520SBS01

Tgt Ion: 73 Resp: 79699

Ion Ratio Lower Upper

73 100

57 21.7 17.3 25.9



#20

Methylene Chloride

Concen: 29.367 ug/l

RT: 4.710 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Tgt Ion: 84 Resp: 47930

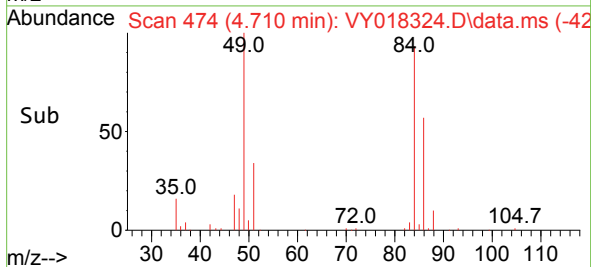
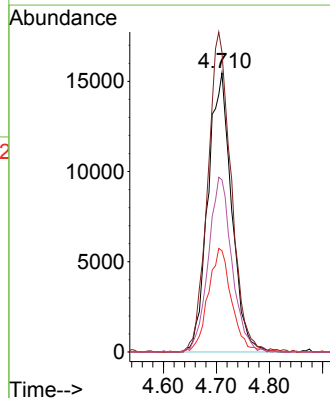
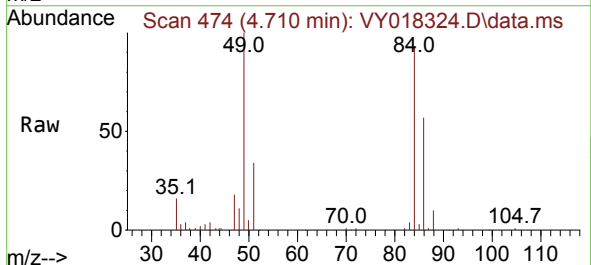
Ion Ratio Lower Upper

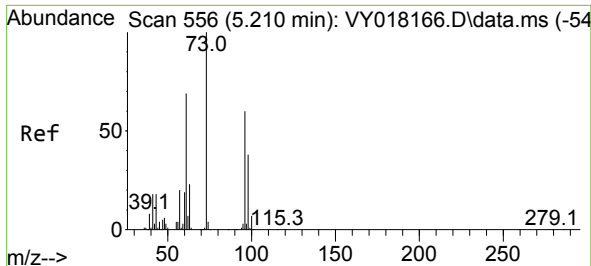
84 100

49 107.4 84.4 126.6

51 36.3 26.0 39.0

86 61.7 49.5 74.3

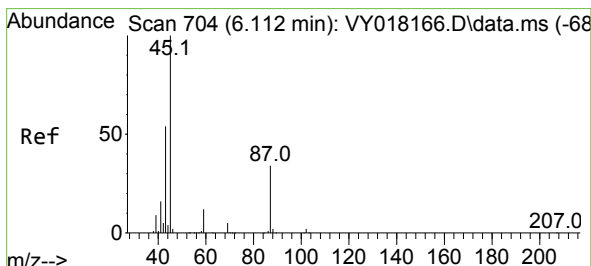
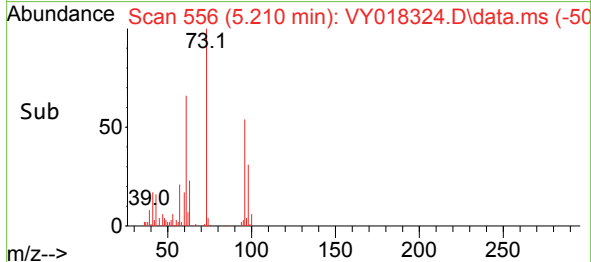
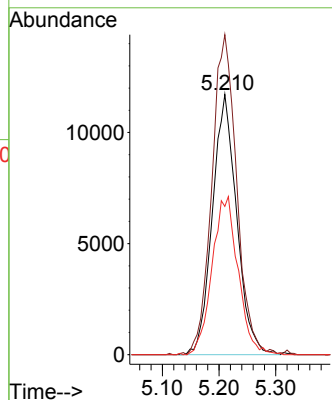
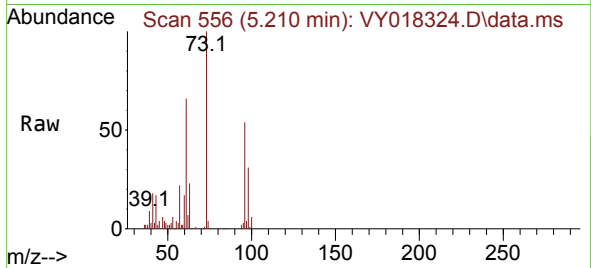




#21
trans-1,2-Dichloroethene
Concen: 21.622 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

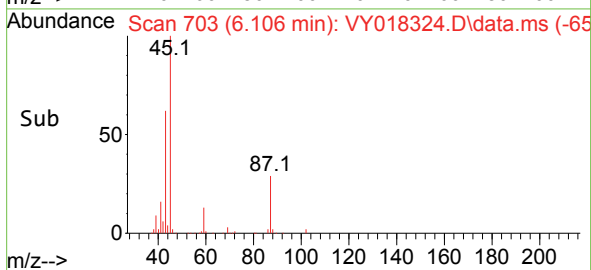
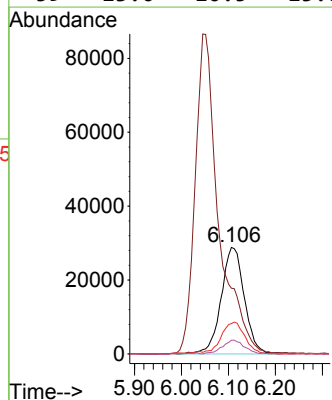
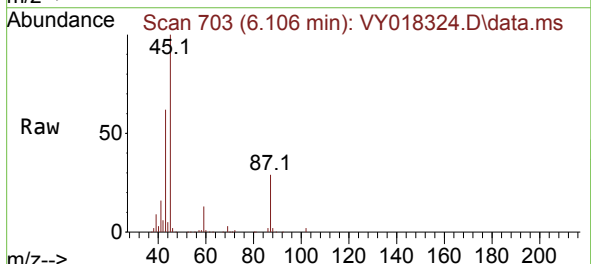
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

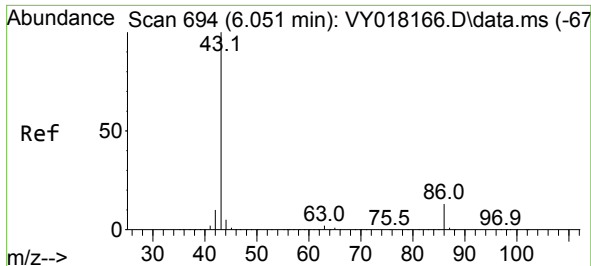
Tgt Ion: 96 Resp: 34863
Ion Ratio Lower Upper
96 100
61 122.5 97.5 146.3
98 56.5 50.5 75.7



#22
Diisopropyl ether
Concen: 24.102 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 45 Resp: 98936
Ion Ratio Lower Upper
45 100
43 60.5 42.2 63.2
87 28.5 25.0 37.6
59 13.0 10.5 15.7

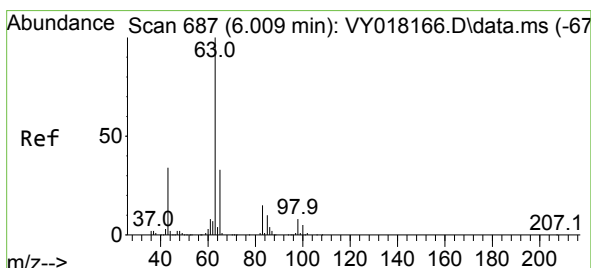
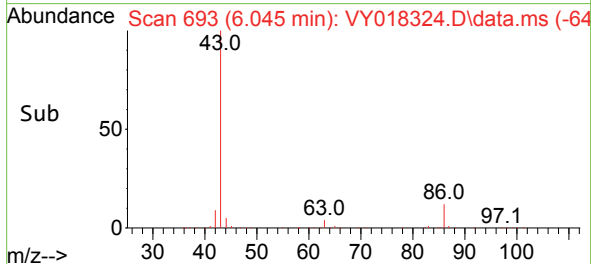
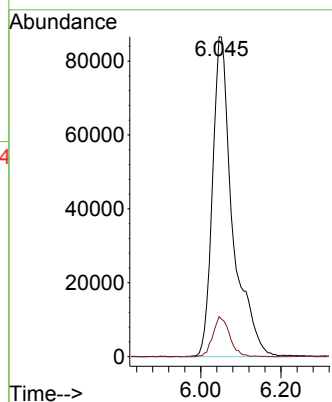
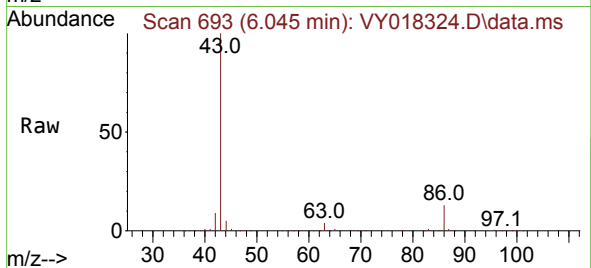




#23
 Vinyl Acetate
 Concen: 120.928 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY018324.D
 Acq: 20 May 2024 10:47

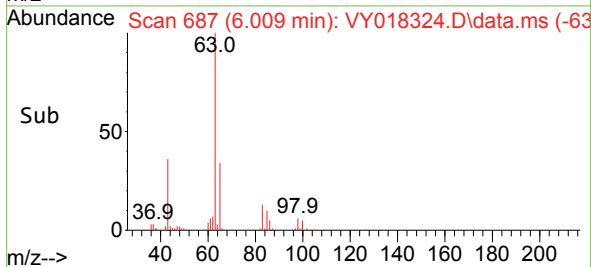
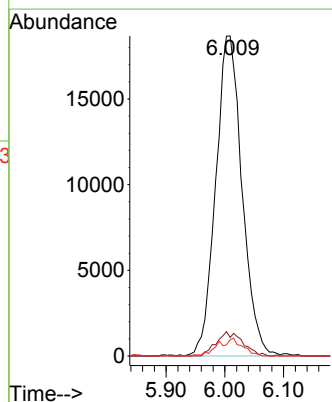
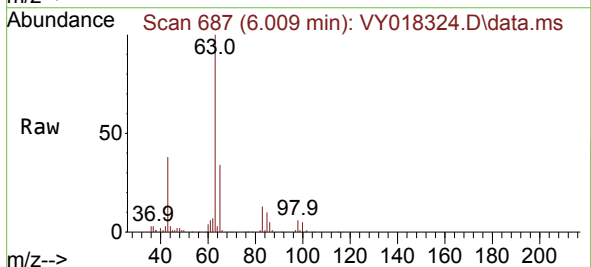
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

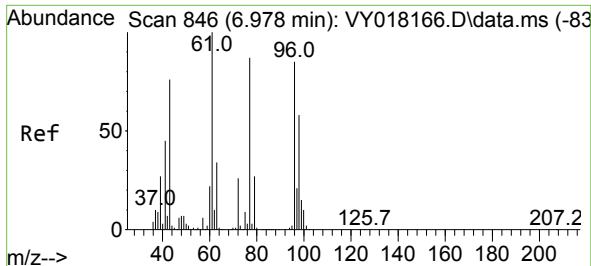
Tgt Ion: 43 Resp: 301701
 Ion Ratio Lower Upper
 43 100
 86 12.5 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 23.002 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018324.D
 Acq: 20 May 2024 10:47

Tgt Ion: 63 Resp: 58153
 Ion Ratio Lower Upper
 63 100
 98 5.8 4.0 12.2
 100 5.0 2.6 8.0





#25

2-Butanone

Concen: 130.666 ug/l

RT: 6.972 min Scan# 846

Delta R.T. -0.006 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

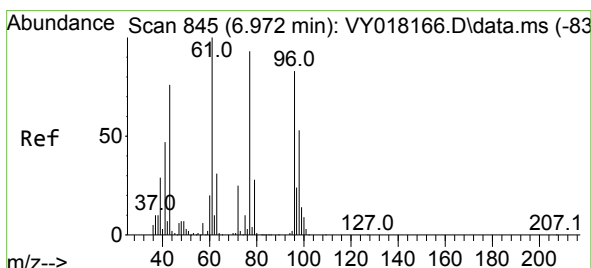
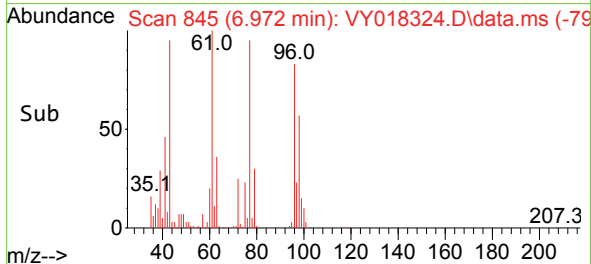
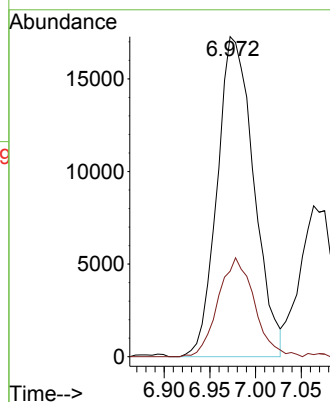
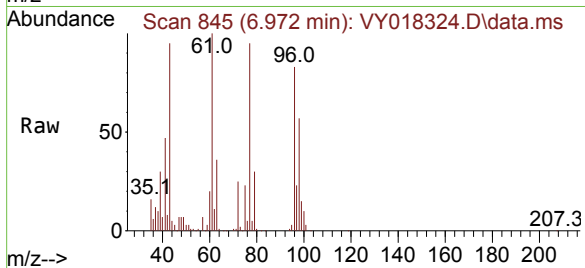
VY0520SBS01

Tgt Ion: 43 Resp: 48229

Ion Ratio Lower Upper

43 100

72 26.7 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 22.605 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018324.D

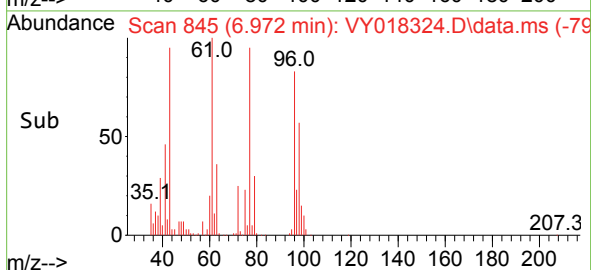
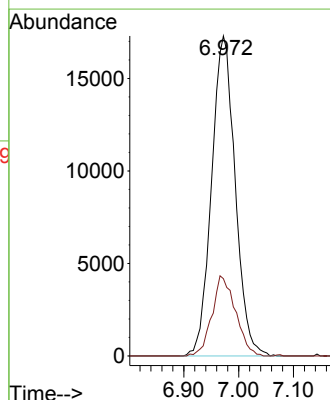
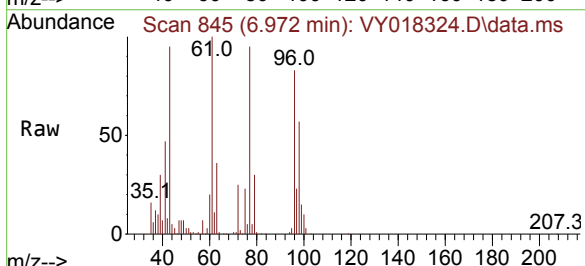
Acq: 20 May 2024 10:47

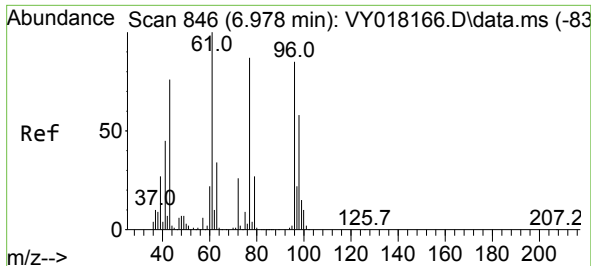
Tgt Ion: 77 Resp: 51725

Ion Ratio Lower Upper

77 100

97 25.0 12.0 36.1

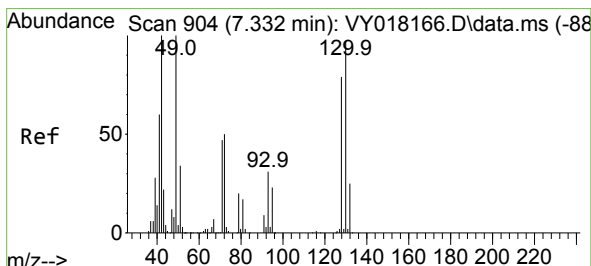
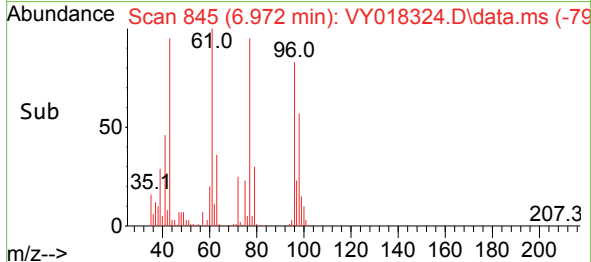
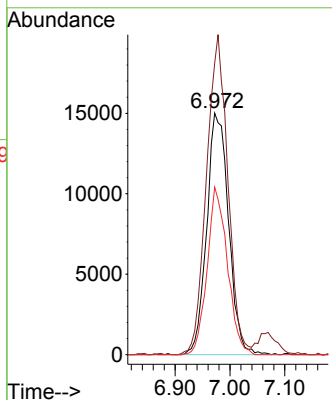
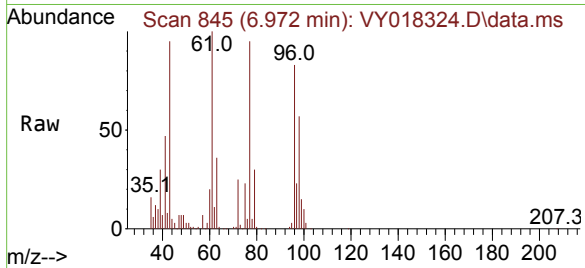




#27
 cis-1,2-Dichloroethene
 Concen: 21.841 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY018324.D
 Acq: 20 May 2024 10:47

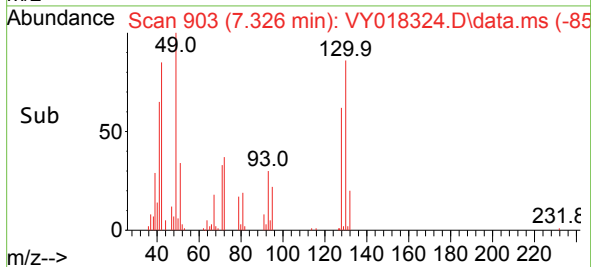
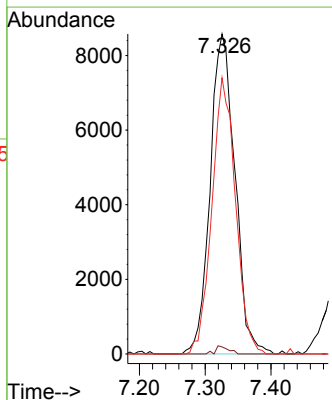
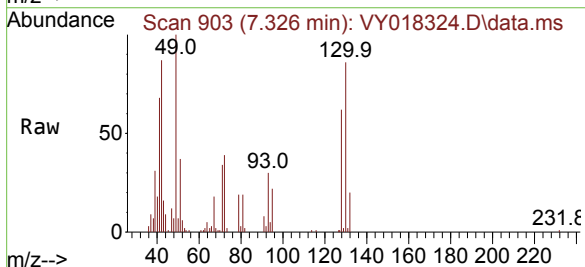
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

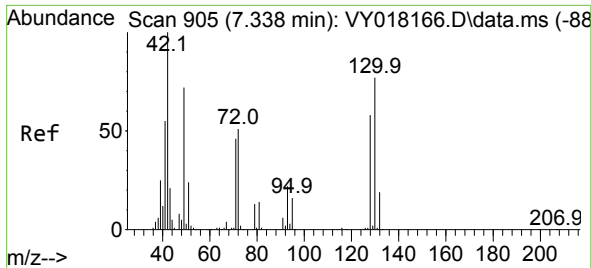
Tgt Ion: 96 Resp: 41616
 Ion Ratio Lower Upper
 96 100
 61 129.3 0.0 256.2
 98 64.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 22.283 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018324.D
 Acq: 20 May 2024 10:47

Tgt Ion: 49 Resp: 22517
 Ion Ratio Lower Upper
 49 100
 129 1.3 0.0 4.6
 130 82.1 72.7 109.1





#29

Tetrahydrofuran

Concen: 129.457 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

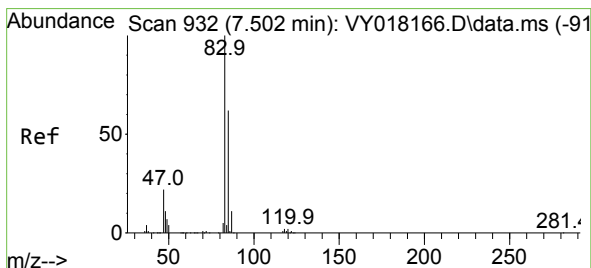
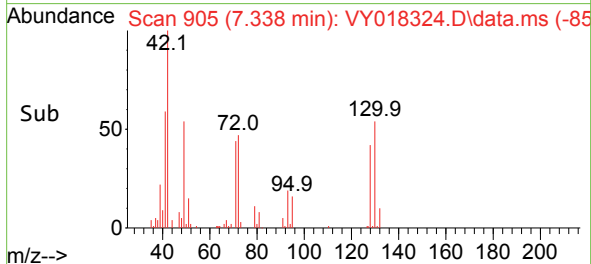
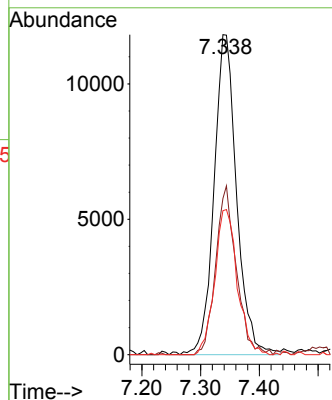
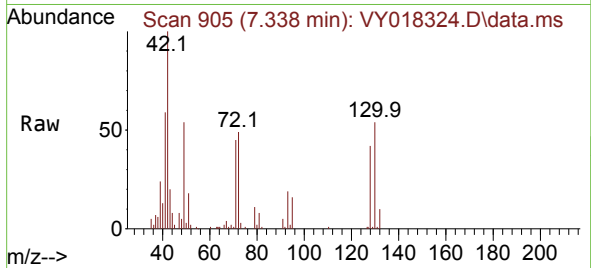
Tgt Ion: 42 Resp: 31541

Ion Ratio Lower Upper

42 100

72 48.2 43.0 64.4

71 45.4 40.8 61.2



#30

Chloroform

Concen: 22.980 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY018324.D

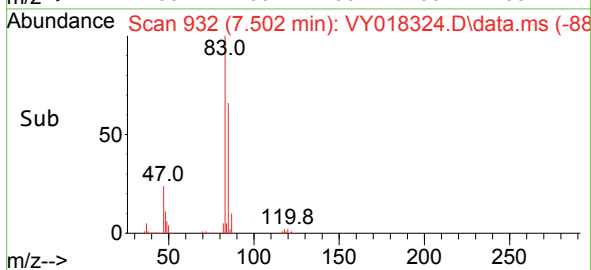
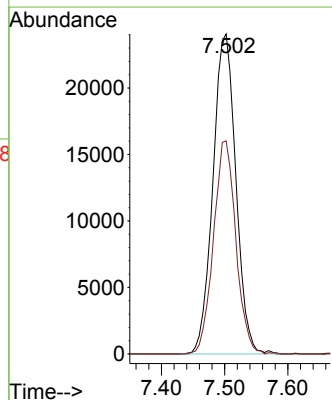
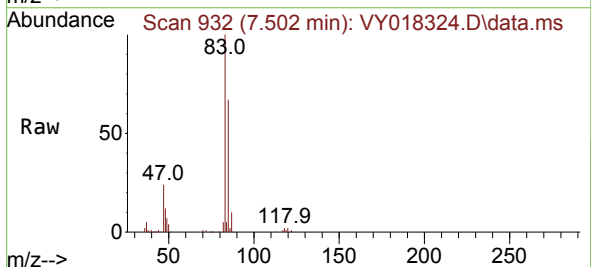
Acq: 20 May 2024 10:47

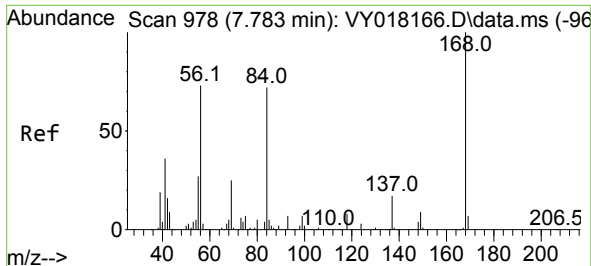
Tgt Ion: 83 Resp: 60653

Ion Ratio Lower Upper

83 100

85 66.6 52.2 78.4

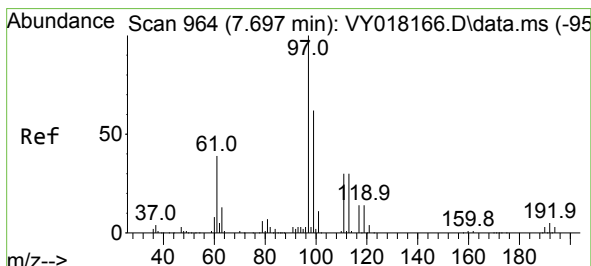
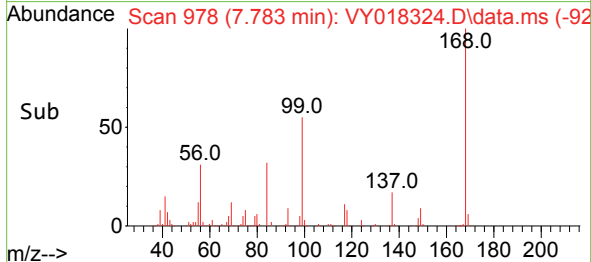
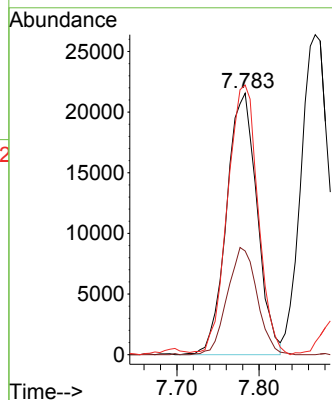
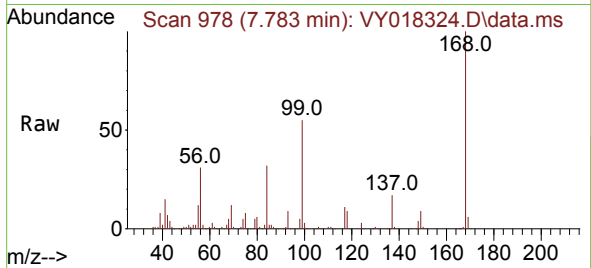




#31
Cyclohexane
Concen: 23.556 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

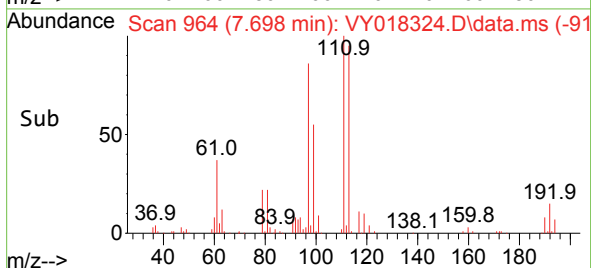
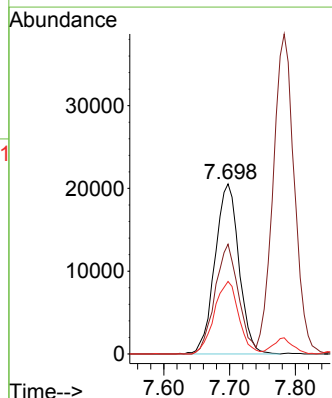
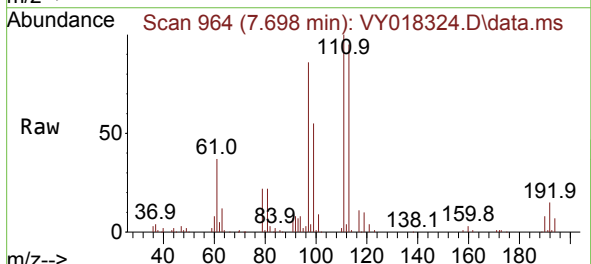
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

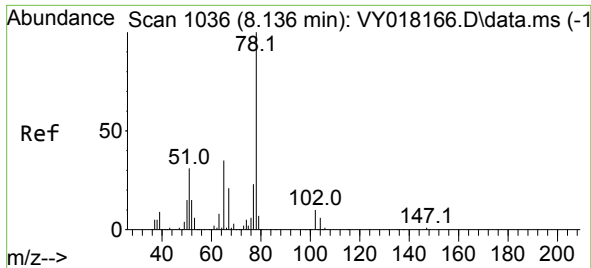
Tgt Ion: 56 Resp: 55589
Ion Ratio Lower Upper
56 100
69 39.6 28.7 43.1
84 101.7 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.055 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 97 Resp: 52174
Ion Ratio Lower Upper
97 100
99 63.3 50.3 75.5
61 43.4 32.6 48.8

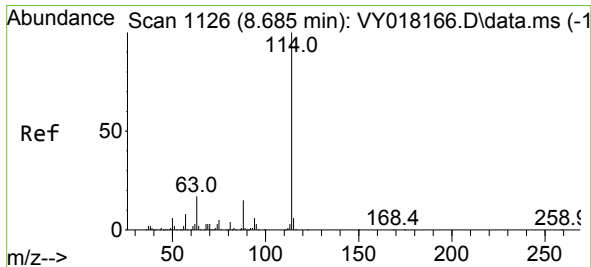
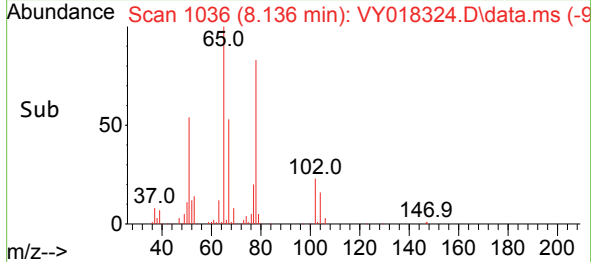
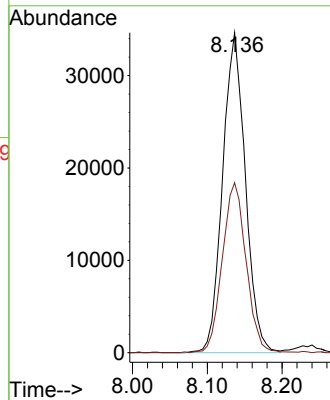
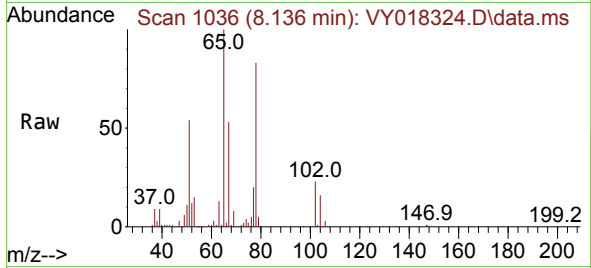




#33
 1,2-Dichloroethane-d4
 Concen: 63.396 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018324.D
 Acq: 20 May 2024 10:47

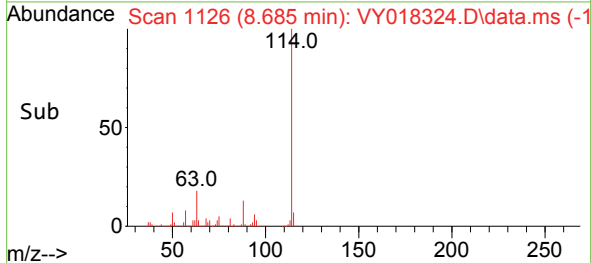
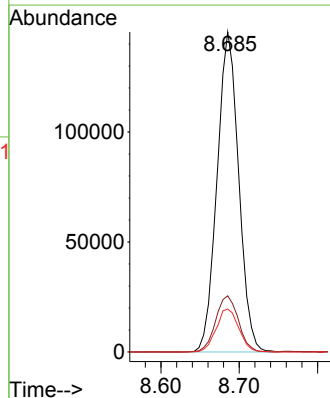
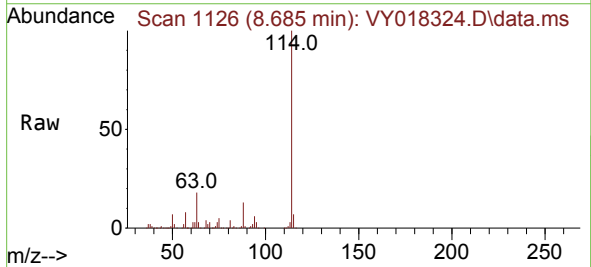
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

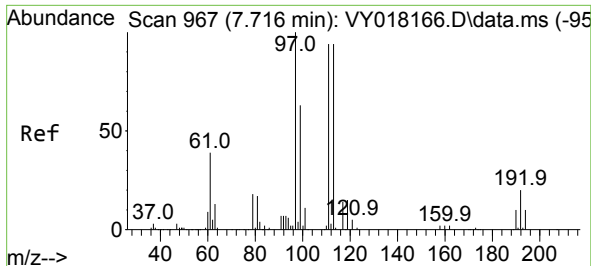
Tgt Ion: 65 Resp: 73354
 Ion Ratio Lower Upper
 65 100
 67 55.5 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018324.D
 Acq: 20 May 2024 10:47

Tgt Ion: 114 Resp: 279340
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.0
 88 13.4 0.0 27.2

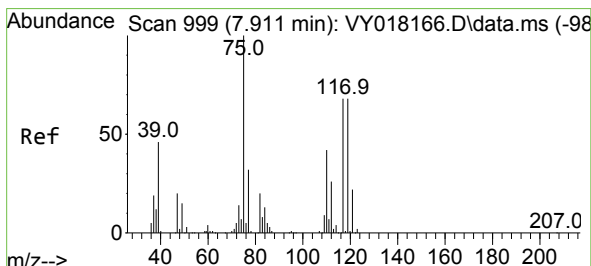
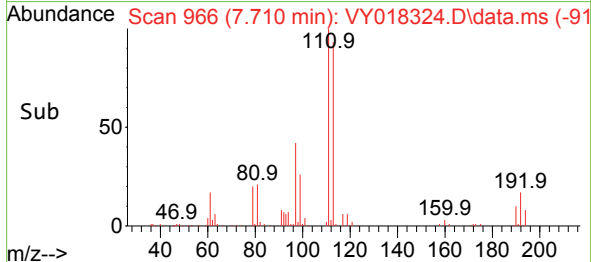
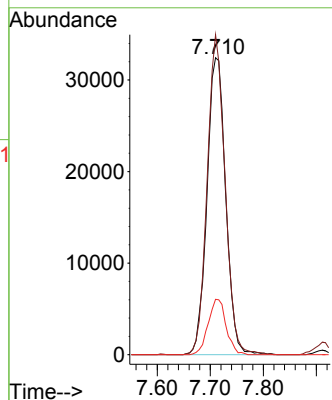
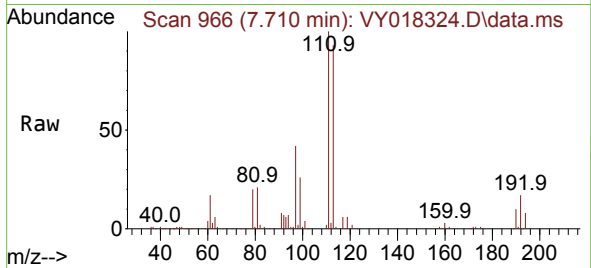




#35
Dibromofluoromethane
Concen: 54.244 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

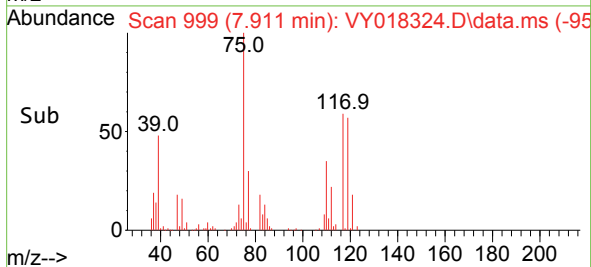
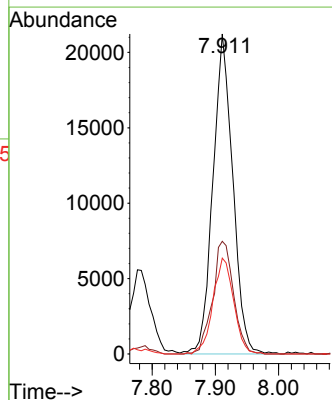
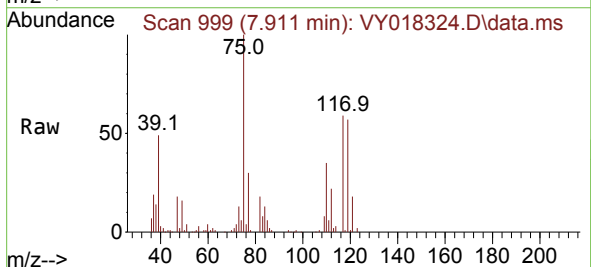
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

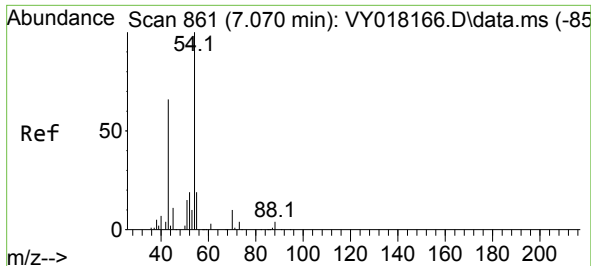
Tgt Ion:113 Resp: 79633
Ion Ratio Lower Upper
113 100
111 102.8 82.2 123.4
192 17.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 22.004 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 75 Resp: 46309
Ion Ratio Lower Upper
75 100
110 37.1 19.0 57.0
77 31.2 25.3 37.9

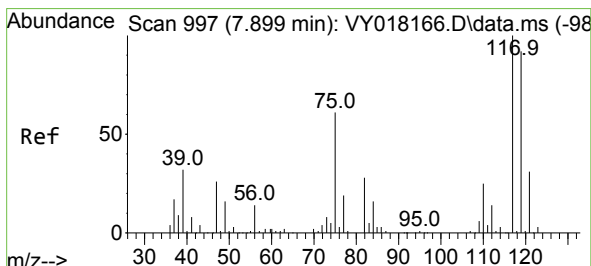
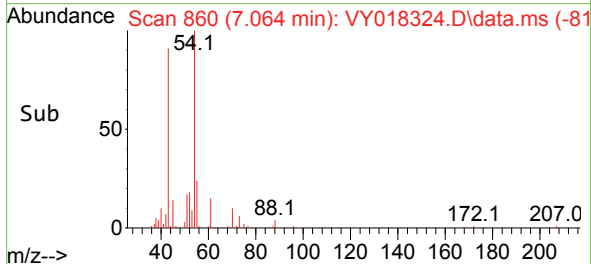
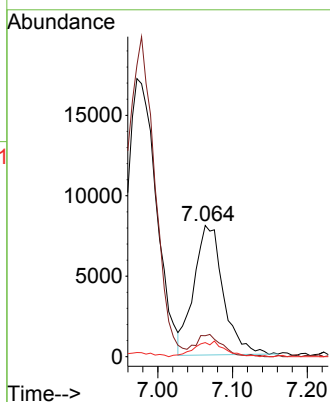
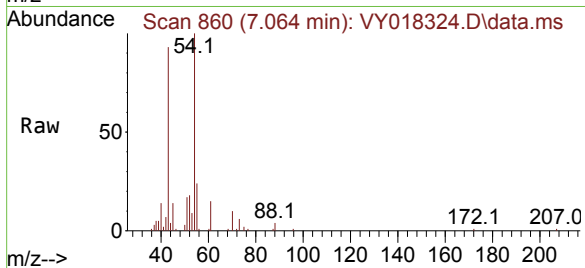




#37
Ethyl Acetate
Concen: 24.789 ug/l
RT: 7.064 min Scan# 861
Delta R.T. -0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

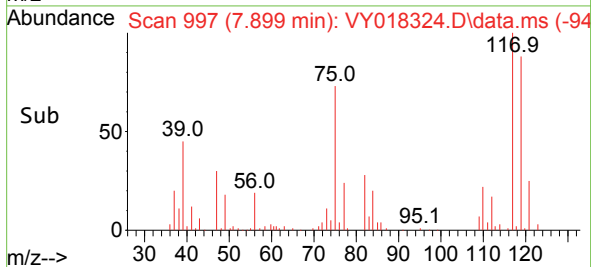
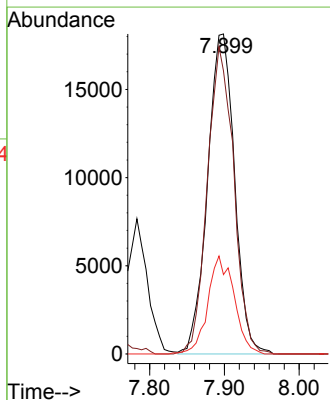
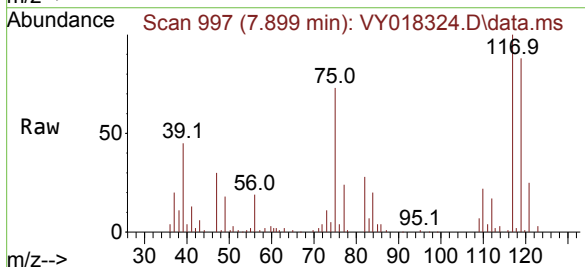
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

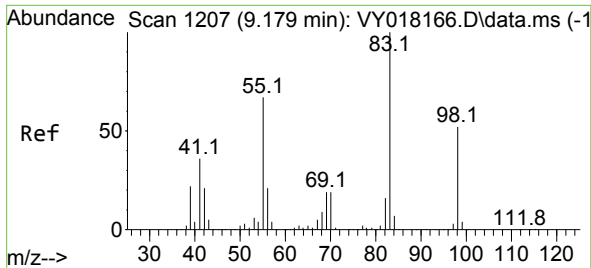
Tgt Ion: 43 Resp: 21958
Ion Ratio Lower Upper
43 100
61 13.8 12.6 19.0
70 12.3 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 19.850 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 117 Resp: 45646
Ion Ratio Lower Upper
117 100
119 88.5 75.8 113.6
121 24.8 24.0 36.0





#39

Methylcyclohexane

Concen: 20.948 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

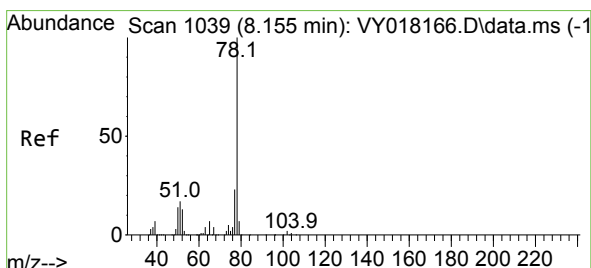
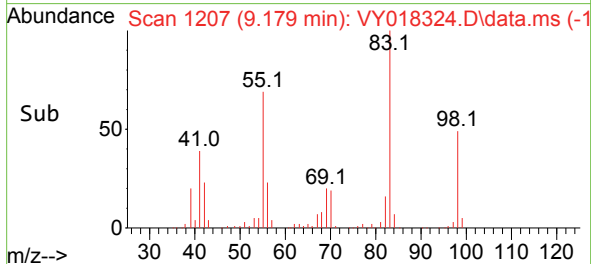
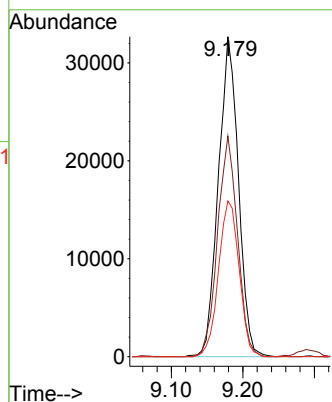
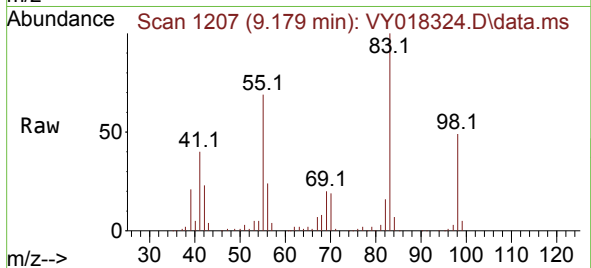
Tgt Ion: 83 Resp: 63603

Ion Ratio Lower Upper

83 100

55 68.9 51.5 77.3

98 48.7 40.5 60.7



#40

Benzene

Concen: 21.226 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018324.D

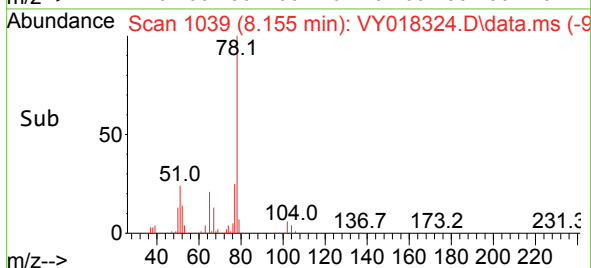
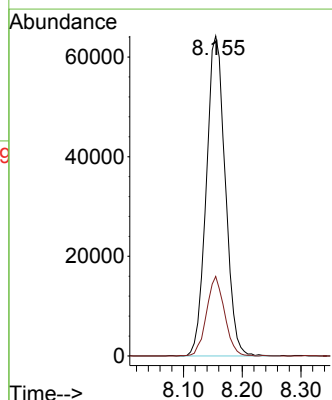
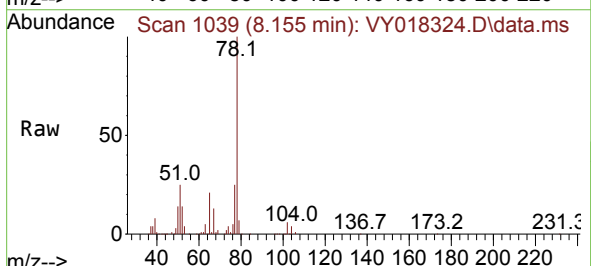
Acq: 20 May 2024 10:47

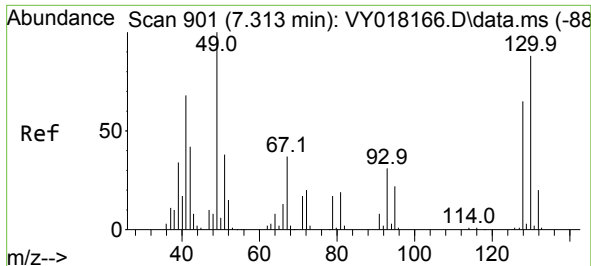
Tgt Ion: 78 Resp: 143693

Ion Ratio Lower Upper

78 100

77 24.8 19.5 29.3

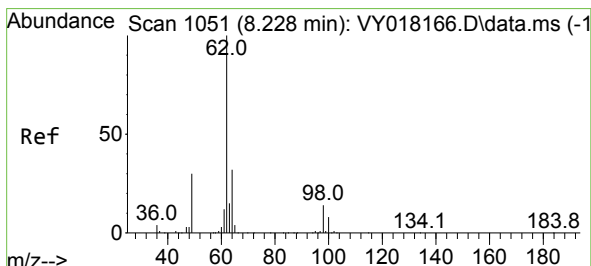
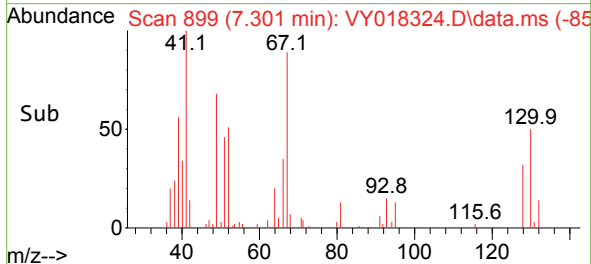
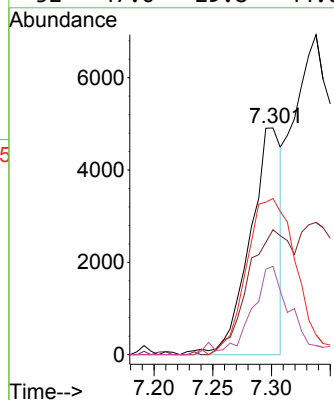
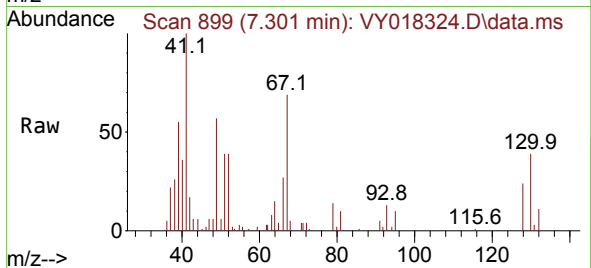




#41
Methacrylonitrile
Concen: 17.791 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

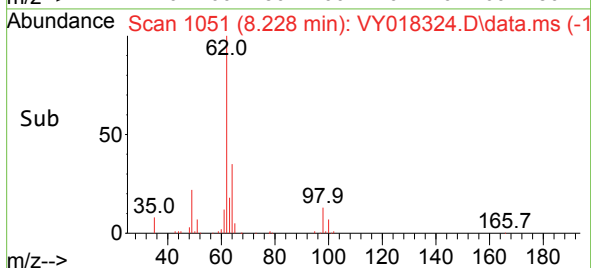
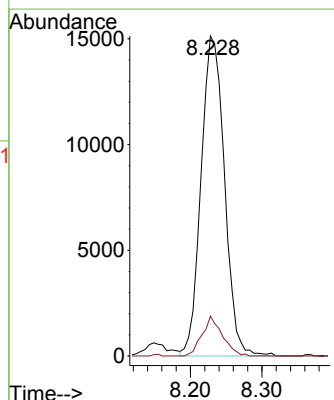
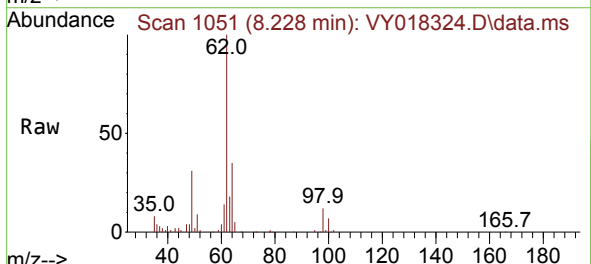
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

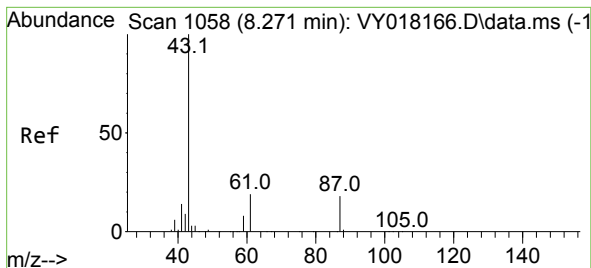
Tgt Ion: 41 Resp: 9100
Ion Ratio Lower Upper
41 100
39 78.3 48.0 72.0#
67 110.4 75.1 112.7
52 47.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 23.380 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 62 Resp: 34437
Ion Ratio Lower Upper
62 100
98 10.8 0.0 22.0





#43

Isopropyl Acetate

Concen: 23.272 ug/l

RT: 8.265 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

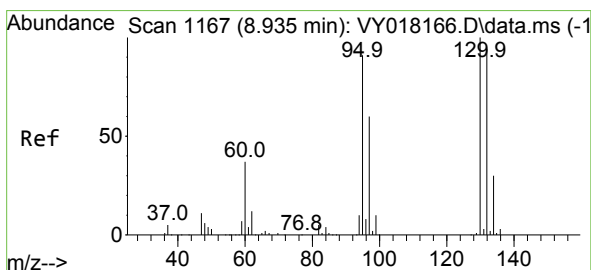
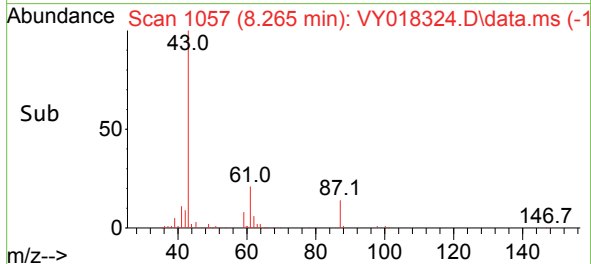
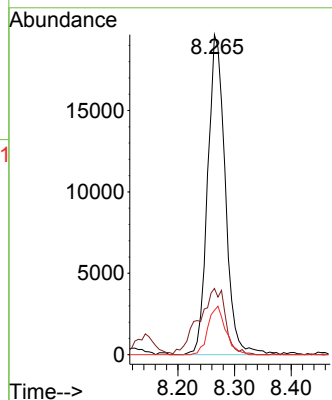
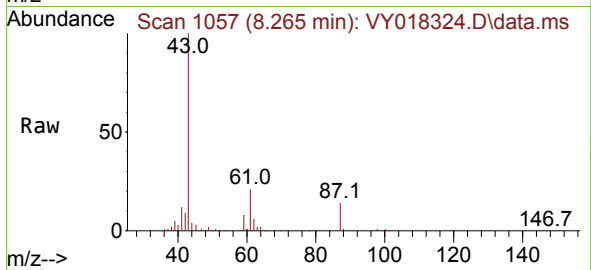
Tgt Ion: 43 Resp: 42253

Ion Ratio Lower Upper

43 100

61 31.4 27.9 41.9

87 15.2 13.1 19.7



#44

Trichloroethene

Concen: 19.364 ug/l

RT: 8.935 min Scan# 1167

Delta R.T. 0.000 min

Lab File: VY018324.D

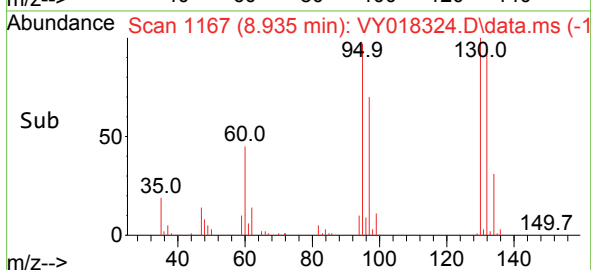
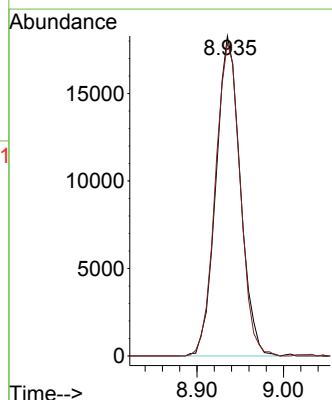
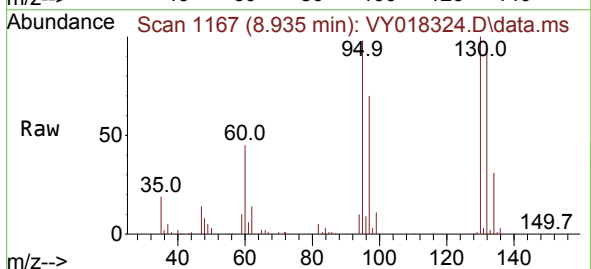
Acq: 20 May 2024 10:47

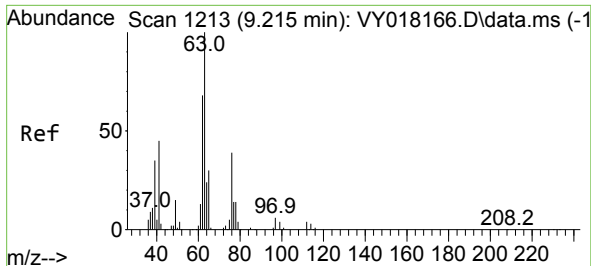
Tgt Ion:130 Resp: 35685

Ion Ratio Lower Upper

130 100

95 97.9 0.0 188.0

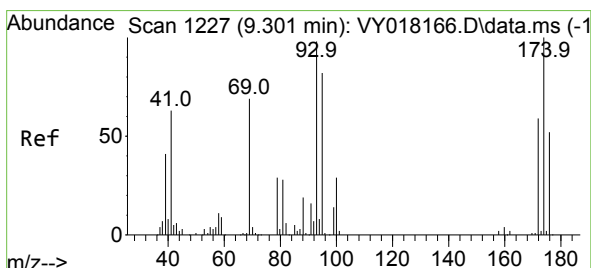
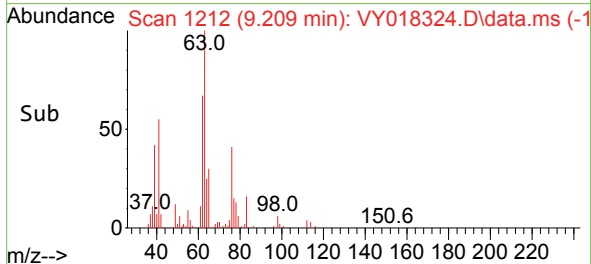
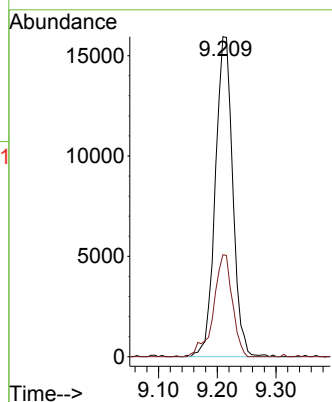
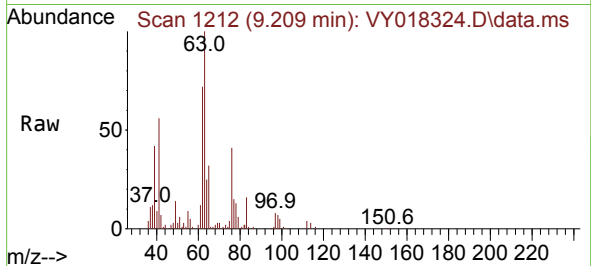




#45
1,2-Dichloropropane
Concen: 22.212 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

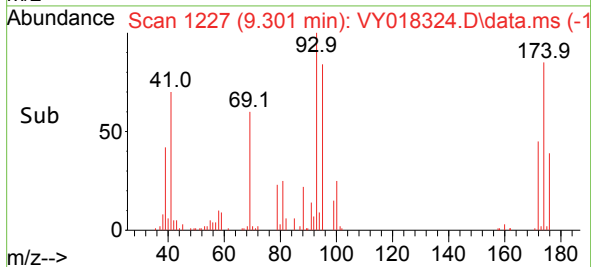
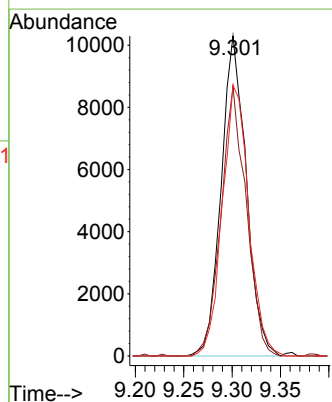
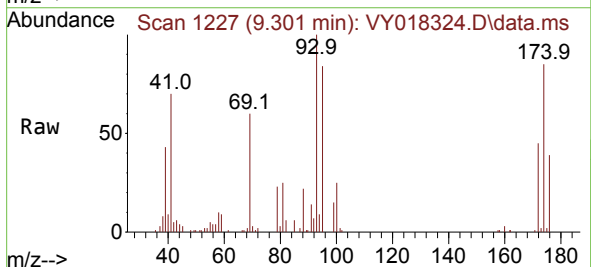
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

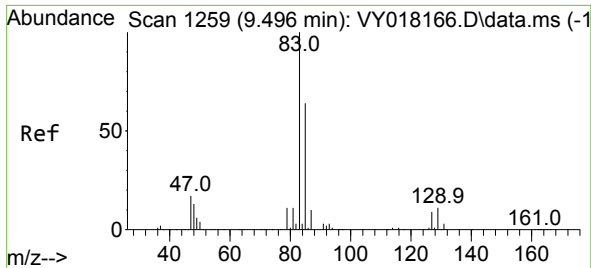
Tgt Ion: 63 Resp: 32874
Ion Ratio Lower Upper
63 100
65 31.9 25.4 38.2



#46
Dibromomethane
Concen: 21.813 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 93 Resp: 18559
Ion Ratio Lower Upper
93 100
95 84.4 66.2 99.4
174 89.0 80.9 121.3

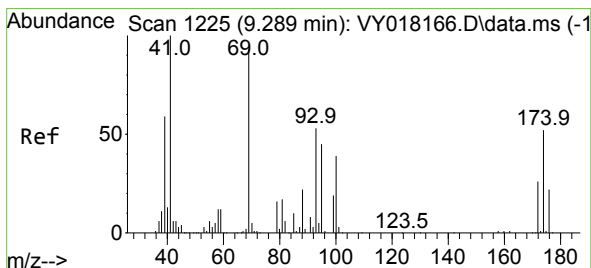
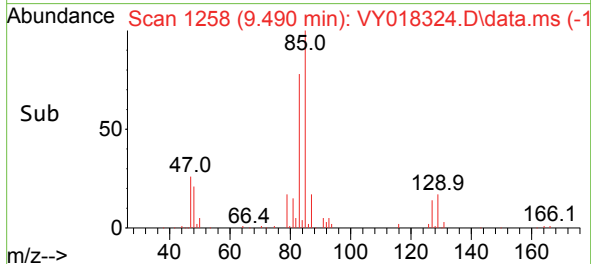
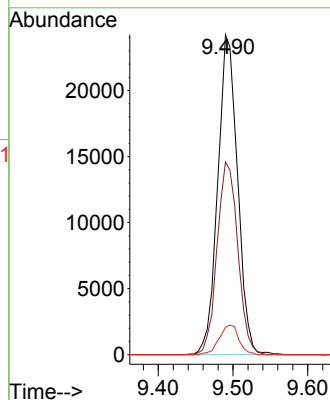
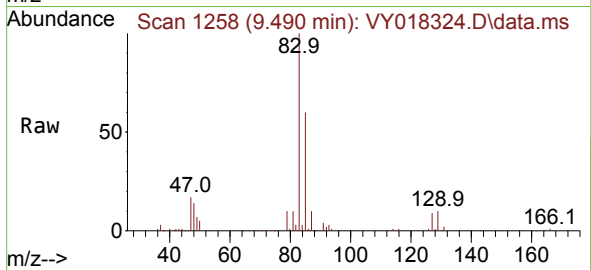




#47
 Bromodichloromethane
 Concen: 21.272 ug/l
 RT: 9.490 min Scan# 1259
 Delta R.T. -0.006 min
 Lab File: VY018324.D
 Acq: 20 May 2024 10:47

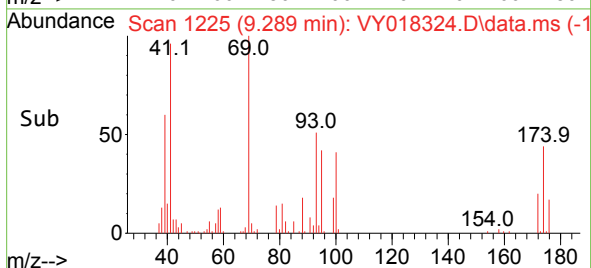
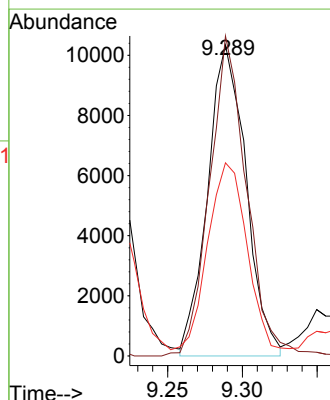
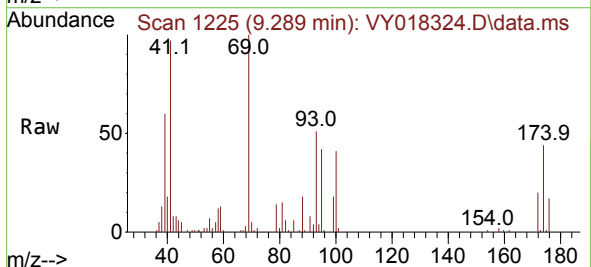
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

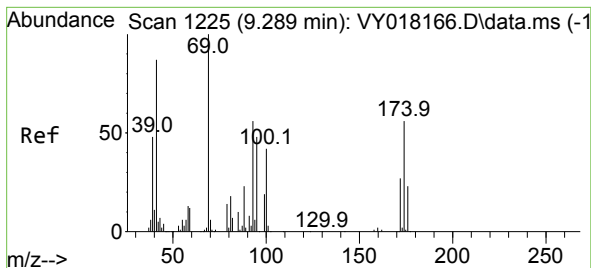
Tgt Ion: 83 Resp: 44744
 Ion Ratio Lower Upper
 83 100
 85 60.3 50.1 75.1
 127 8.5 7.4 11.0



#48
 Methyl methacrylate
 Concen: 22.208 ug/l
 RT: 9.289 min Scan# 1225
 Delta R.T. 0.000 min
 Lab File: VY018324.D
 Acq: 20 May 2024 10:47

Tgt Ion: 41 Resp: 18480
 Ion Ratio Lower Upper
 41 100
 69 99.1 84.1 126.1
 39 61.6 43.6 65.4





#49

1,4-Dioxane

Concen: 444.231 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

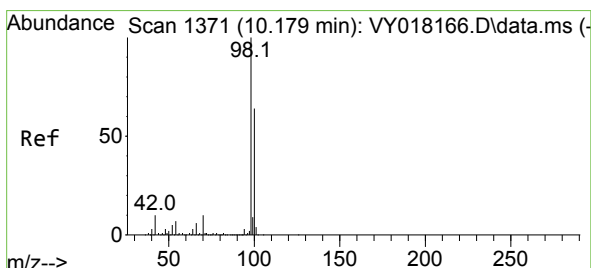
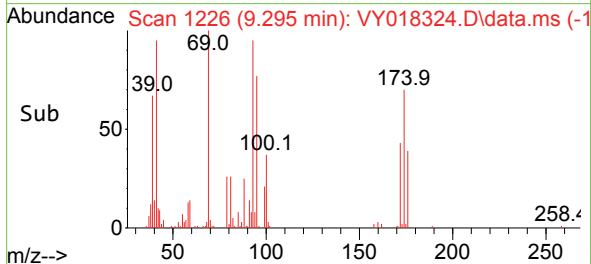
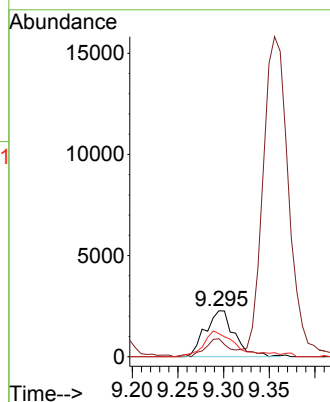
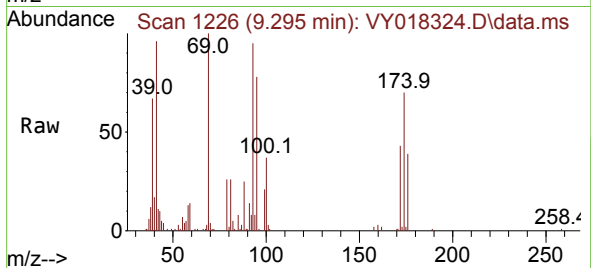
Tgt Ion: 88 Resp: 5017

Ion Ratio Lower Upper

88 100

43 30.9 0.0 0.0#

58 64.6 49.3 73.9



#50

Toluene-d8

Concen: 53.728 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018324.D

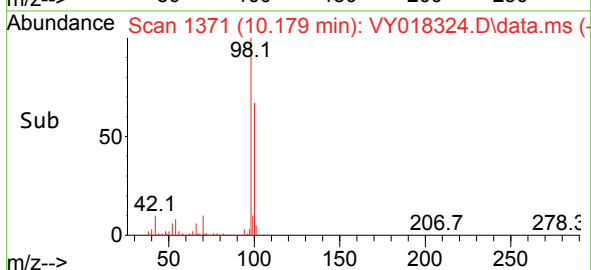
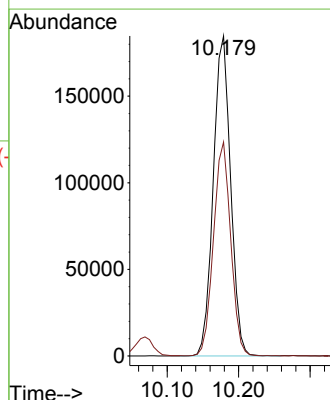
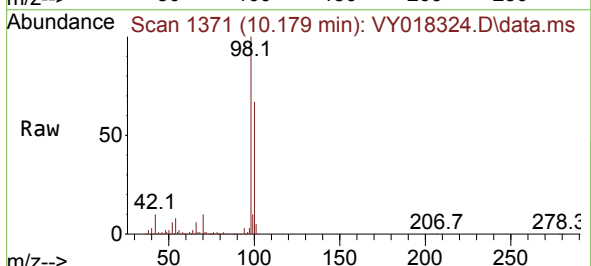
Acq: 20 May 2024 10:47

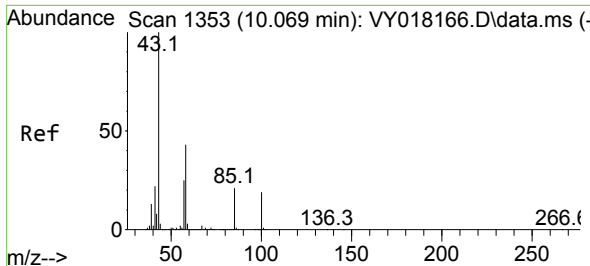
Tgt Ion: 98 Resp: 310819

Ion Ratio Lower Upper

98 100

100 66.4 52.0 78.0

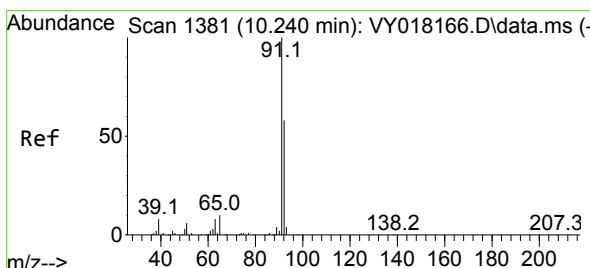
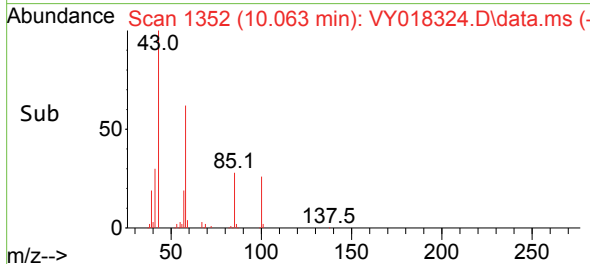
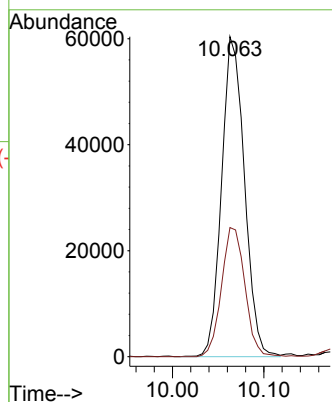
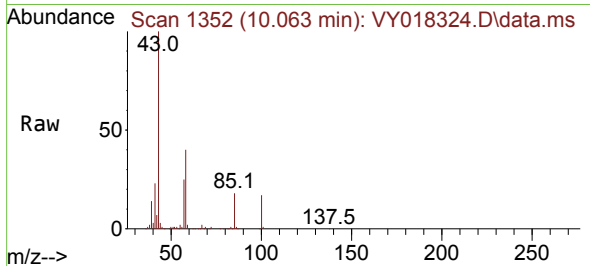




#51
4-Methyl-2-Pentanone
Concen: 115.144 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

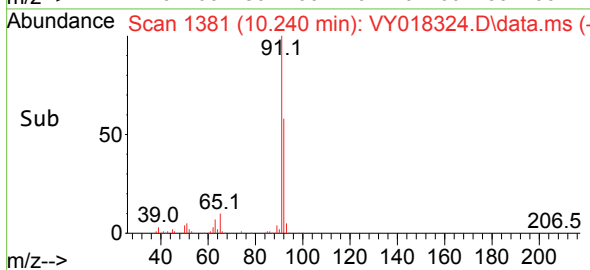
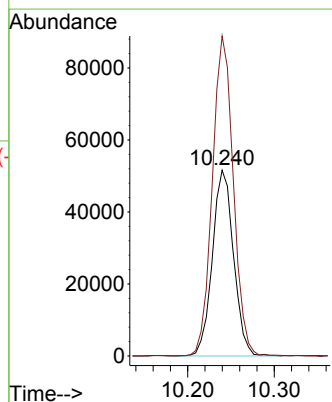
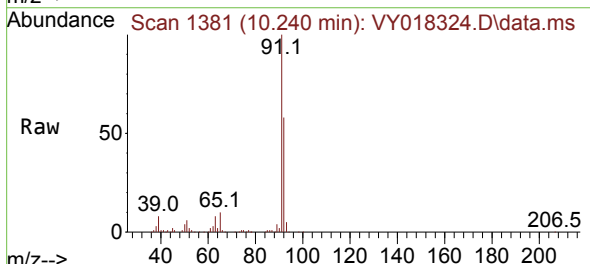
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

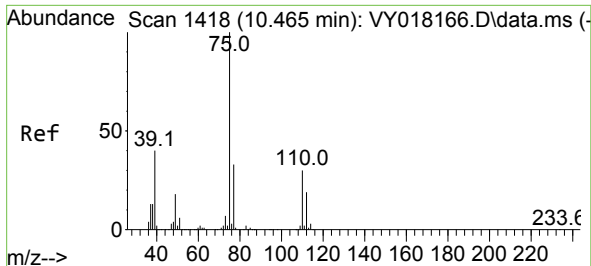
Tgt Ion: 43 Resp: 105075
Ion Ratio Lower Upper
43 100
58 41.4 35.7 53.5



#52
Toluene
Concen: 20.130 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 92 Resp: 87729
Ion Ratio Lower Upper
92 100
91 170.8 139.0 208.6

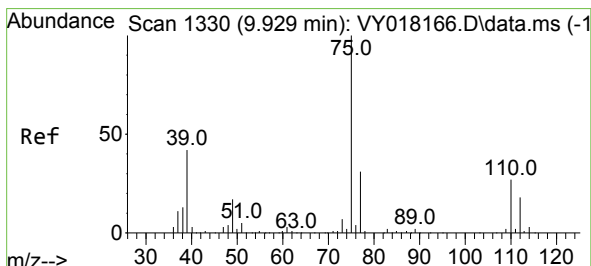
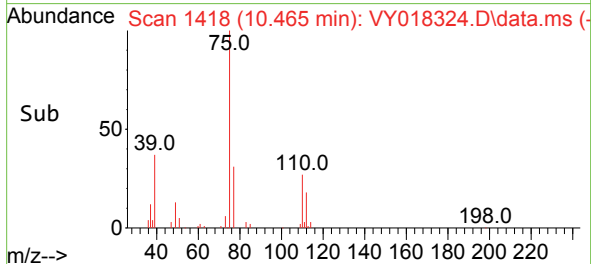
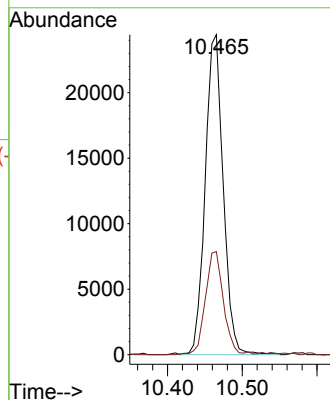
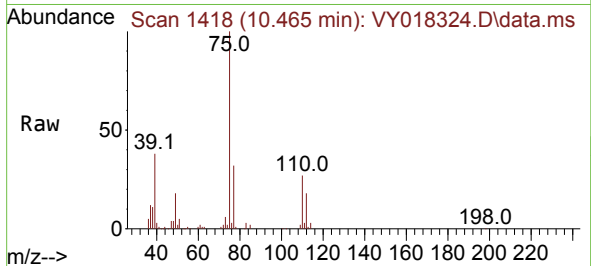




#53
t-1,3-Dichloropropene
Concen: 20.761 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

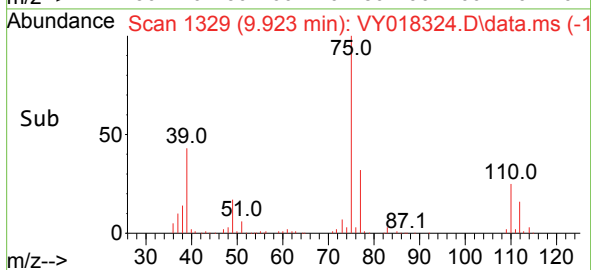
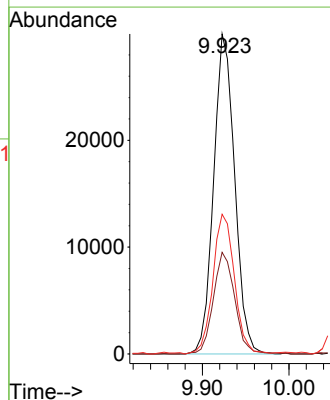
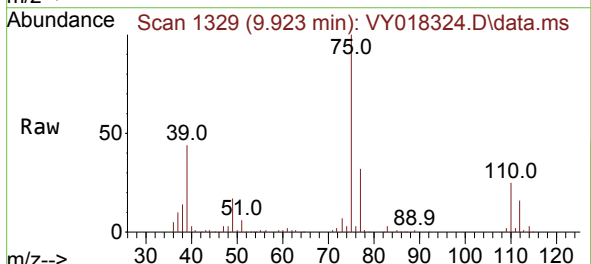
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

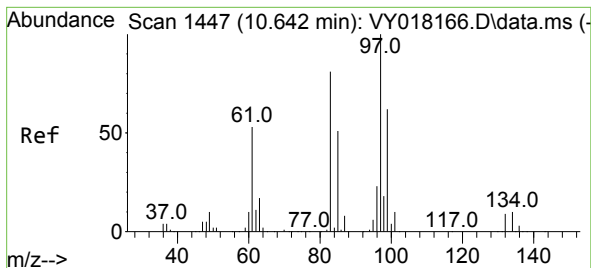
Tgt Ion: 75 Resp: 40789
Ion Ratio Lower Upper
75 100
77 31.9 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 21.047 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 75 Resp: 50547
Ion Ratio Lower Upper
75 100
77 31.7 25.4 38.0
39 43.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.243 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

Tgt Ion: 97 Resp: 24829

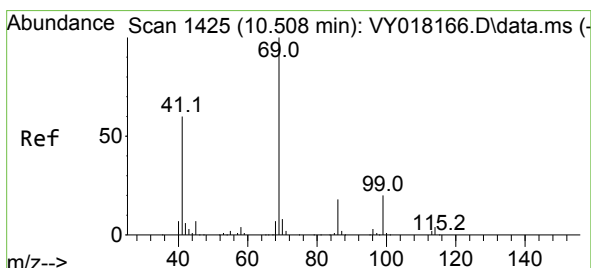
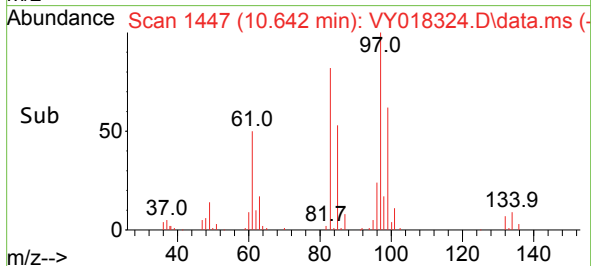
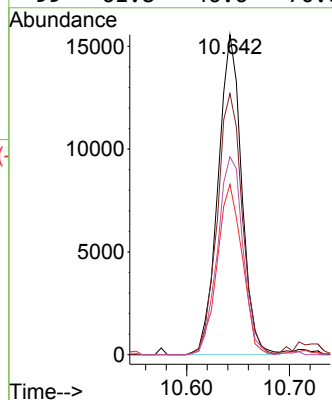
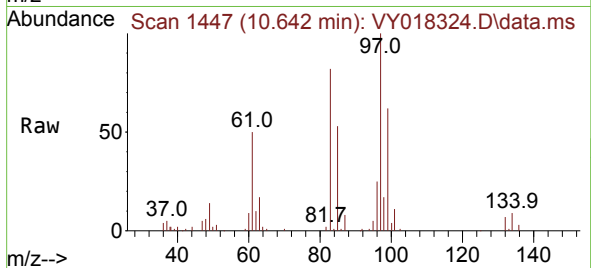
Ion Ratio Lower Upper

97 100

83 81.6 67.5 101.3

85 53.2 42.9 64.3

99 61.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 20.514 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

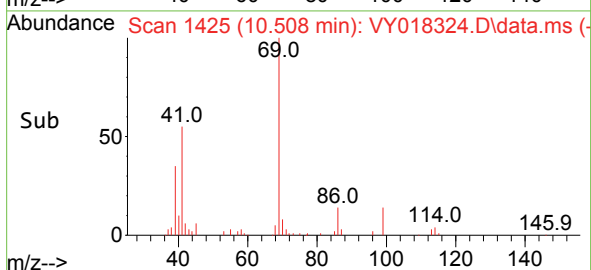
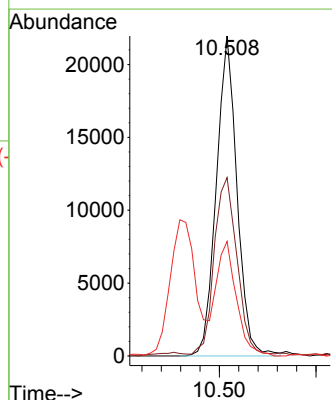
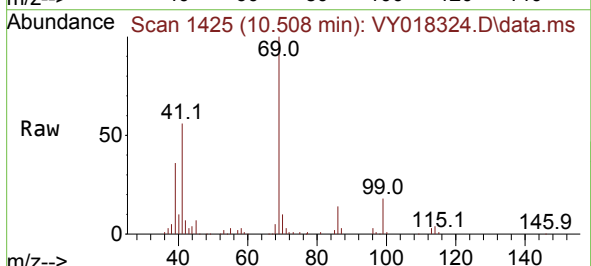
Tgt Ion: 69 Resp: 32564

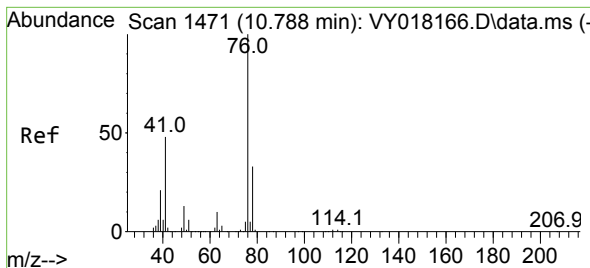
Ion Ratio Lower Upper

69 100

41 61.5 42.3 63.5

39 34.3 22.9 34.3

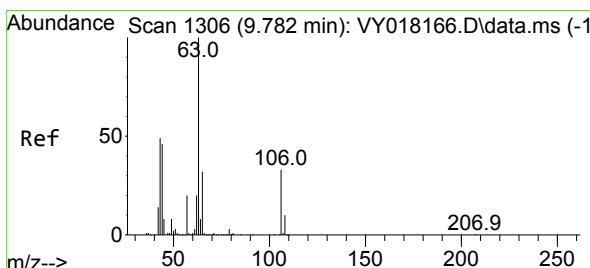
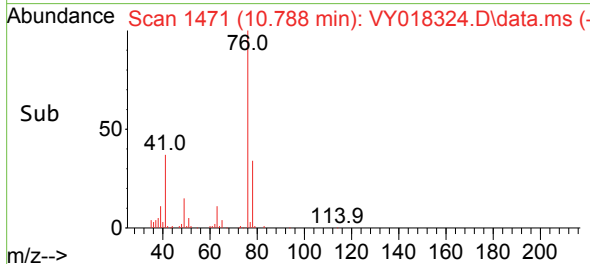
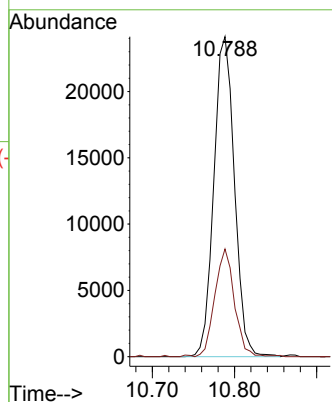
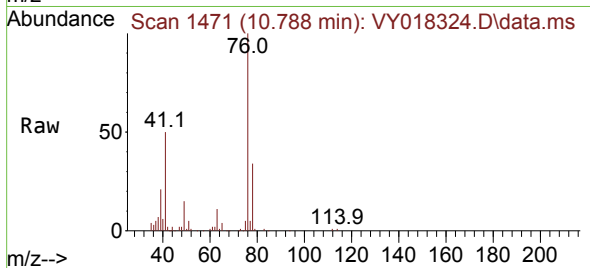




#57
1,3-Dichloropropane
Concen: 22.085 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

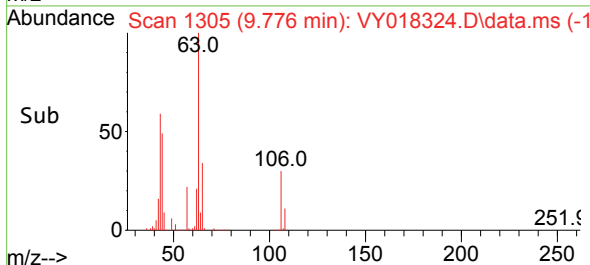
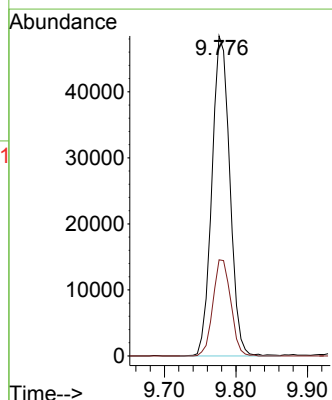
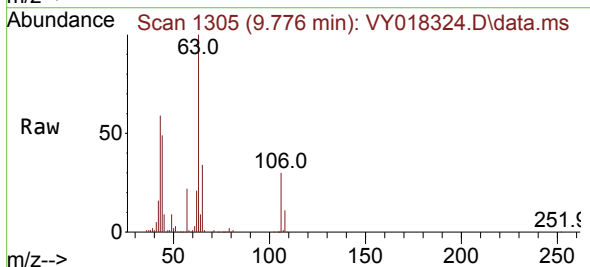
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

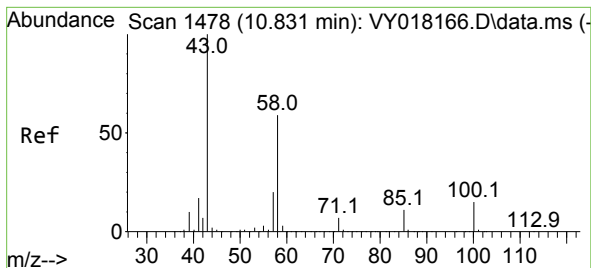
Tgt Ion: 76 Resp: 42011
Ion Ratio Lower Upper
76 100
78 32.3 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 111.232 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 63 Resp: 84312
Ion Ratio Lower Upper
63 100
106 29.8 23.7 35.5

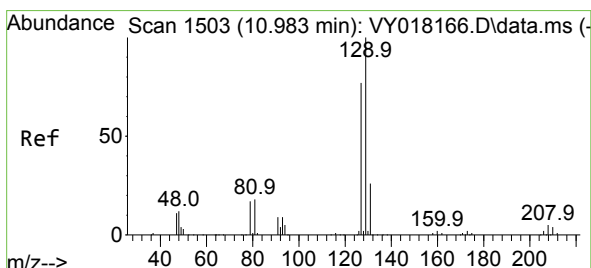
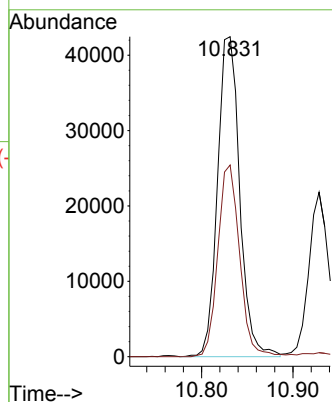
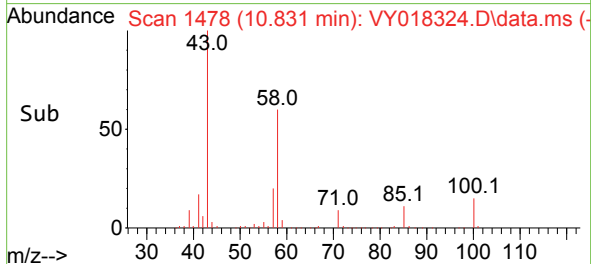
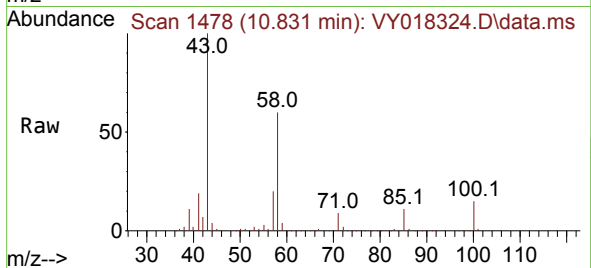




#59
2-Hexanone
Concen: 112.379 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

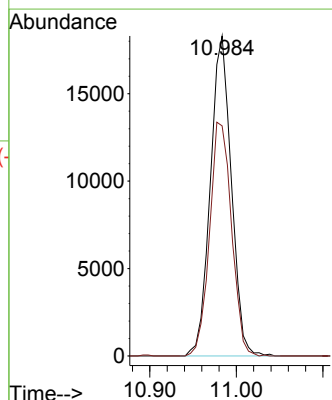
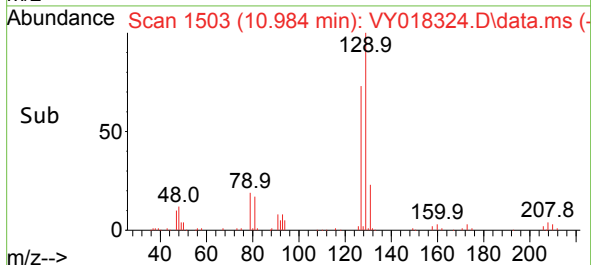
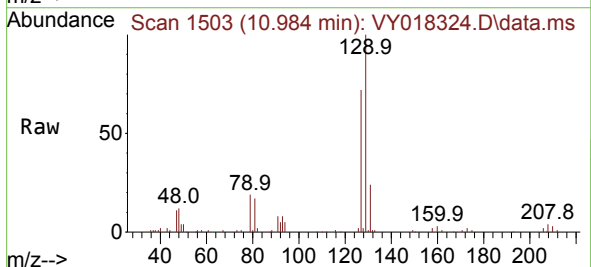
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

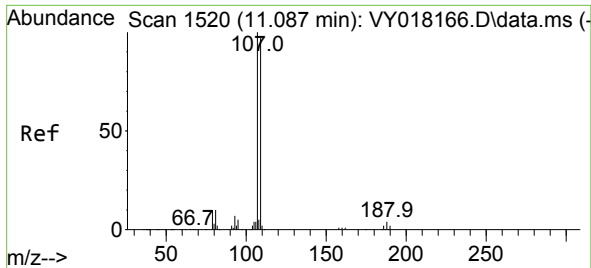
Tgt Ion: 43 Resp: 71705
Ion Ratio Lower Upper
43 100
58 58.9 31.4 94.0



#60
Dibromochloromethane
Concen: 20.309 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion:129 Resp: 30797
Ion Ratio Lower Upper
129 100
127 76.2 39.0 117.0

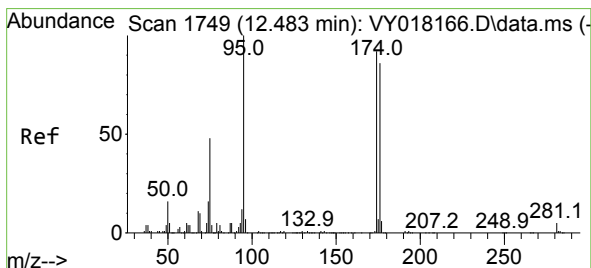
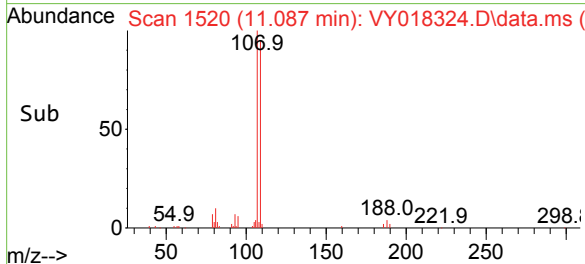
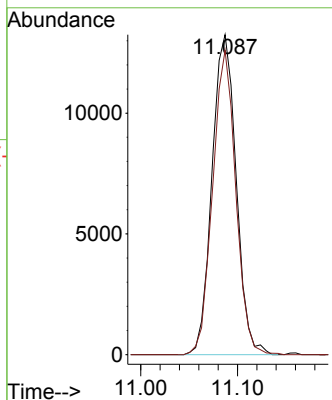
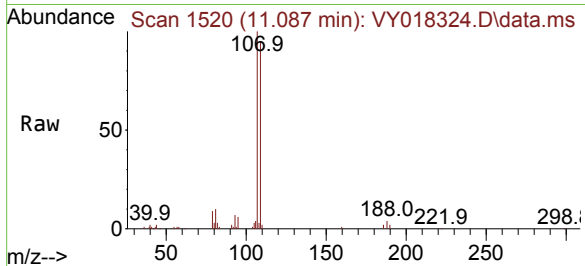




#61
1,2-Dibromoethane
Concen: 20.791 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

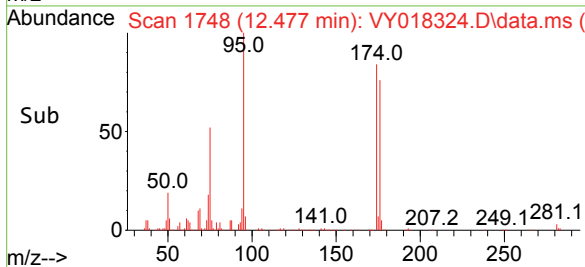
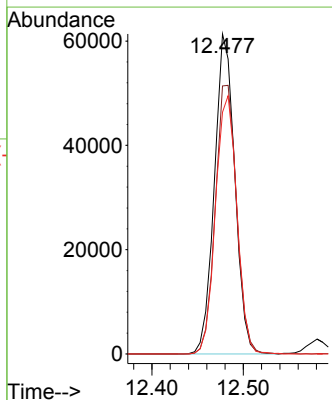
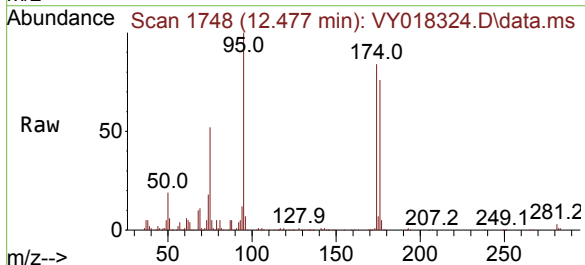
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

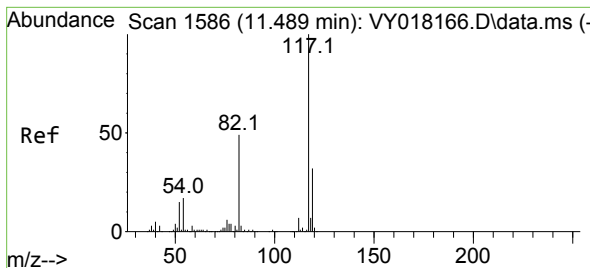
Tgt Ion:107 Resp: 22889
Ion Ratio Lower Upper
107 100
109 91.3 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.030 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 95 Resp: 95337
Ion Ratio Lower Upper
95 100
174 87.6 0.0 175.6
176 84.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

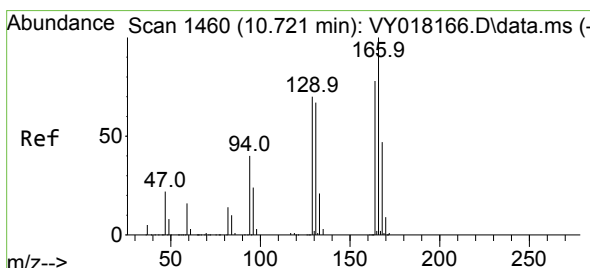
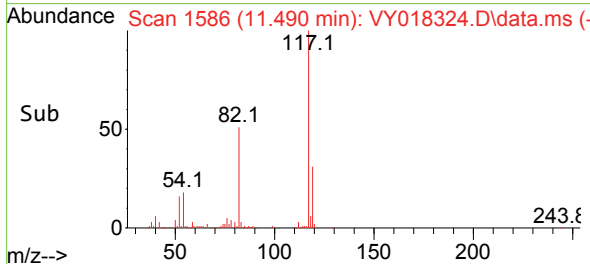
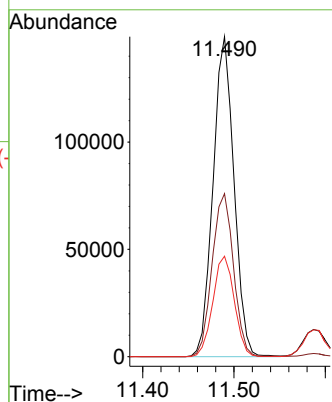
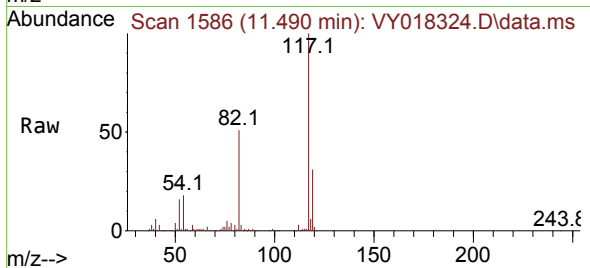
Tgt Ion:117 Resp: 236943

Ion Ratio Lower Upper

117 100

82 50.9 42.4 63.6

119 31.4 25.9 38.9



#64

Tetrachloroethene

Concen: 20.453 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. -0.006 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Tgt Ion:164 Resp: 32267

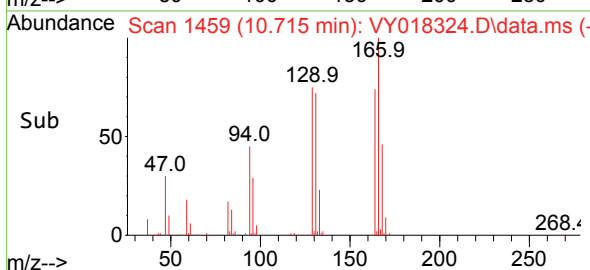
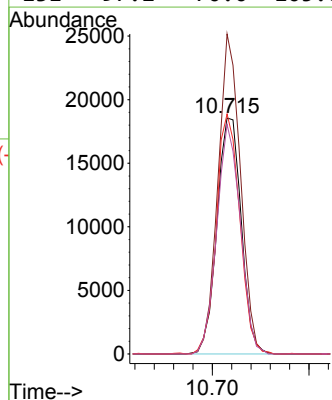
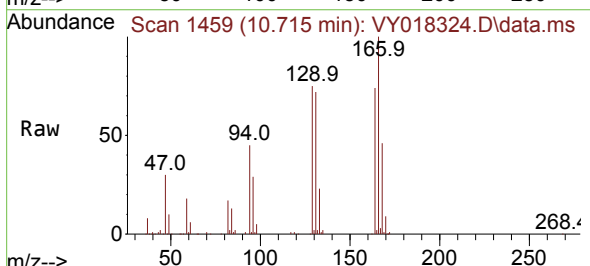
Ion Ratio Lower Upper

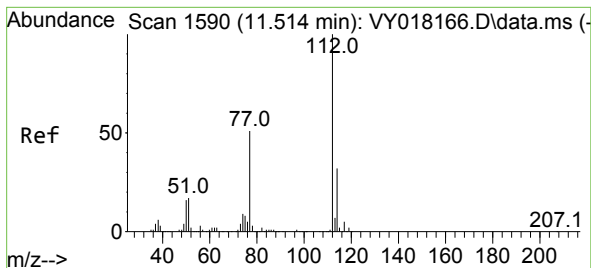
164 100

166 135.5 102.6 154.0

129 101.7 72.0 108.0

131 97.2 70.0 105.0





#65

Chlorobenzene

Concen: 19.941 ug/l

RT: 11.514 min Scan# 1159

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

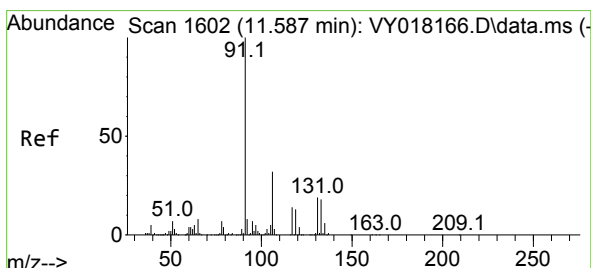
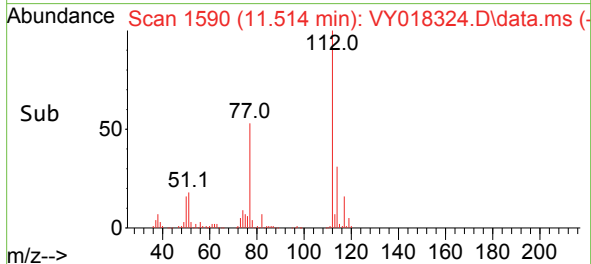
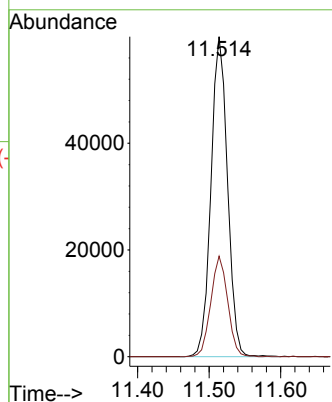
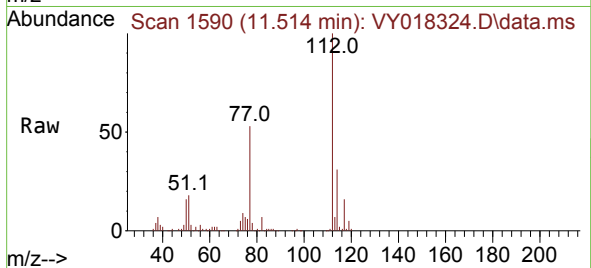
VY0520SBS01

Tgt Ion:112 Resp: 96233

Ion Ratio Lower Upper

112 100

114 31.4 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.005 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

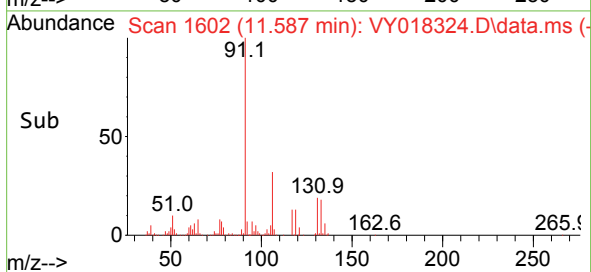
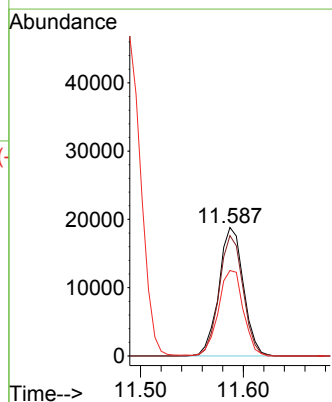
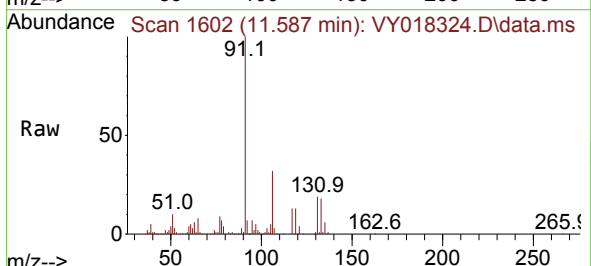
Tgt Ion:131 Resp: 31227

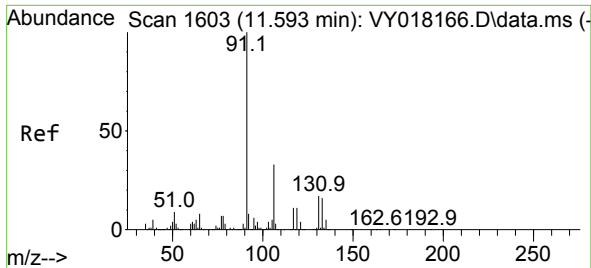
Ion Ratio Lower Upper

131 100

133 90.9 47.8 143.3

119 67.6 34.1 102.2

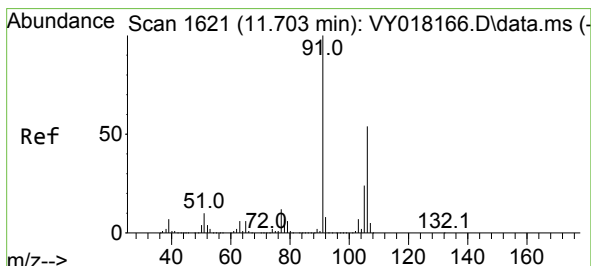
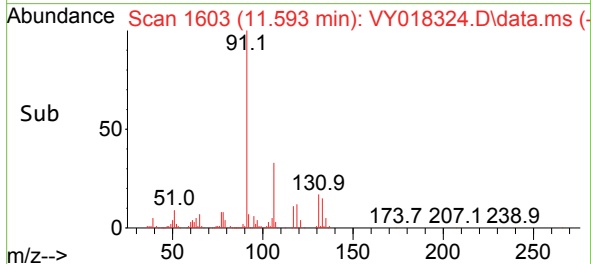
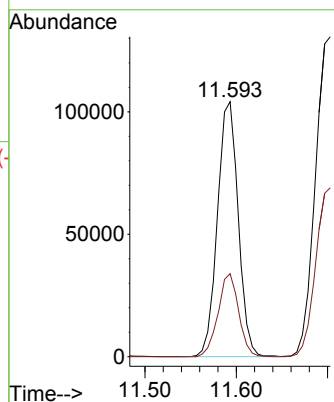
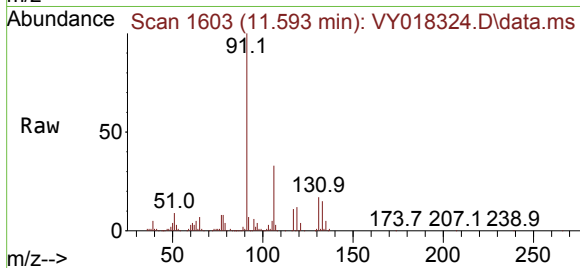




#67
Ethyl Benzene
Concen: 20.207 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

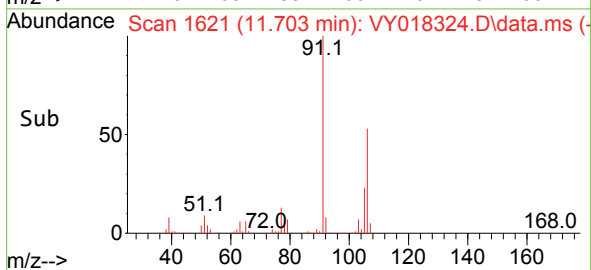
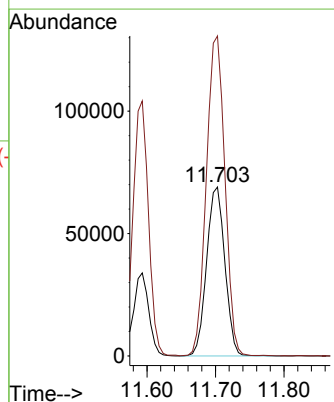
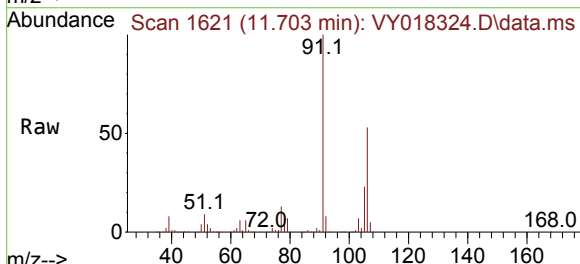
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

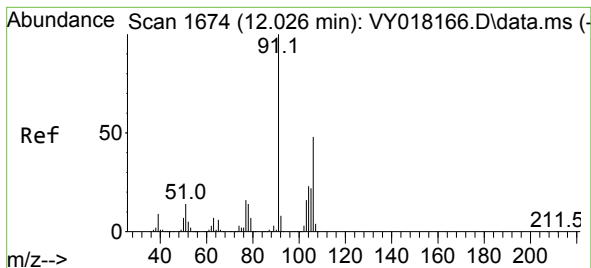
Tgt Ion: 91 Resp: 164649
Ion Ratio Lower Upper
91 100
106 32.5 24.5 36.7



#68
m/p-Xylenes
Concen: 39.680 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 106 Resp: 127854
Ion Ratio Lower Upper
106 100
91 192.5 156.0 234.0

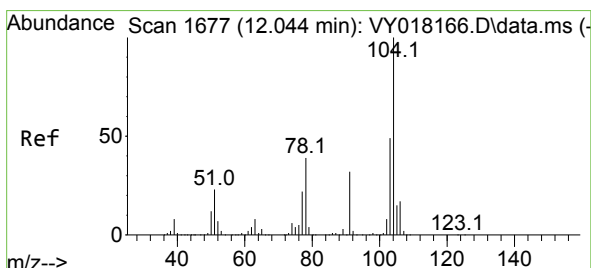
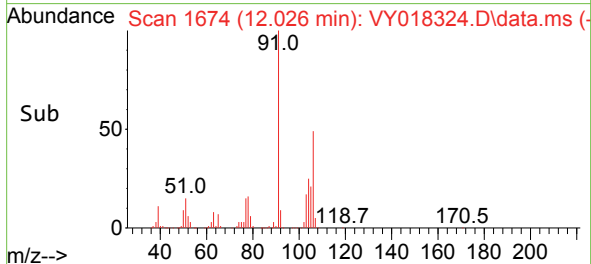
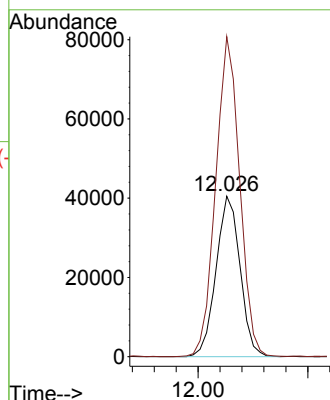
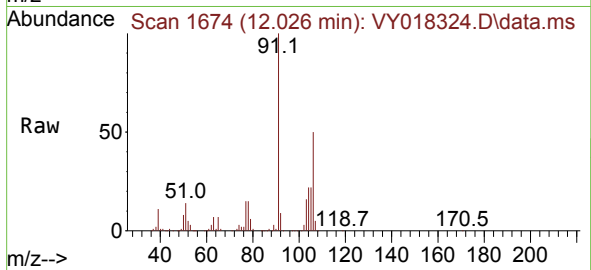




#69
o-Xylene
Concen: 19.907 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

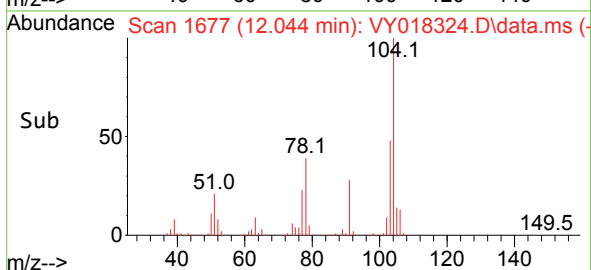
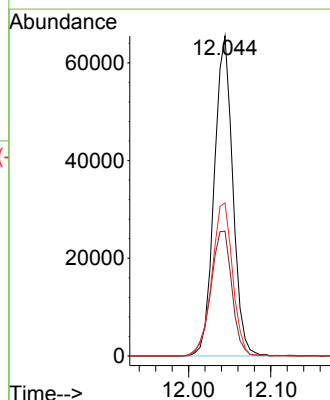
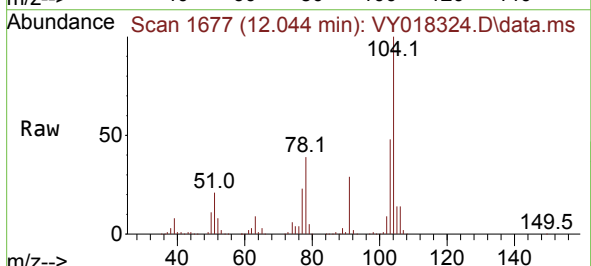
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

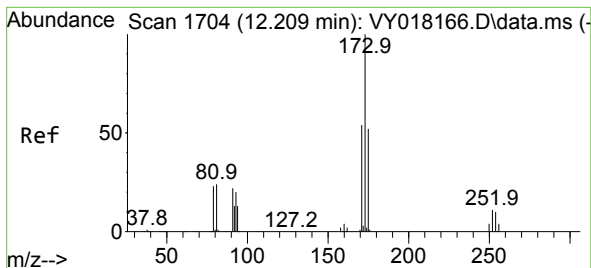
Tgt Ion:106 Resp: 61555
Ion Ratio Lower Upper
106 100
91 199.3 103.6 310.8



#70
Styrene
Concen: 19.886 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion:104 Resp: 102690
Ion Ratio Lower Upper
104 100
78 44.5 37.0 55.4
103 53.4 44.2 66.2





#71

Bromoform

Concen: 19.173 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

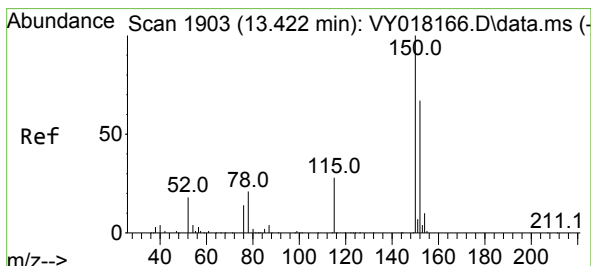
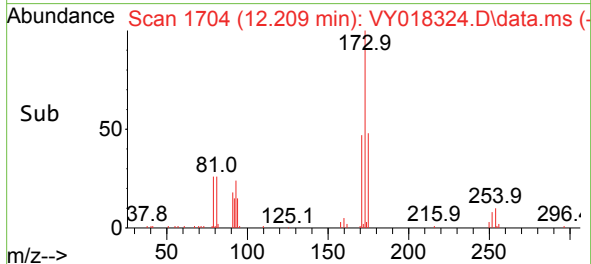
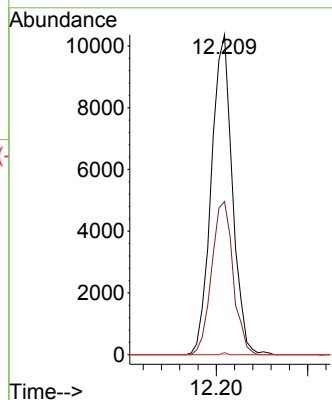
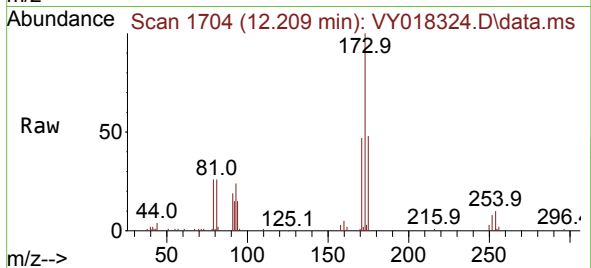
Tgt Ion:173 Resp: 16559

Ion Ratio Lower Upper

173 100

175 48.8 25.1 75.3

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

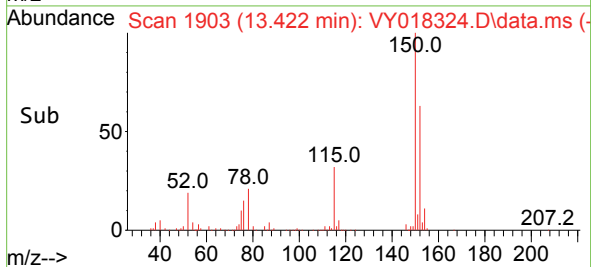
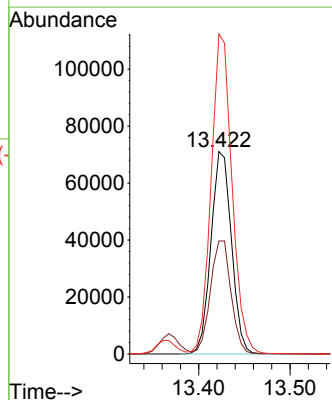
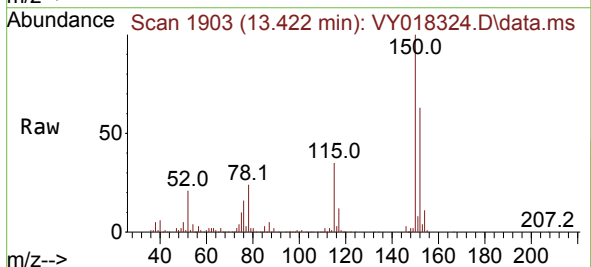
Tgt Ion:152 Resp: 110525

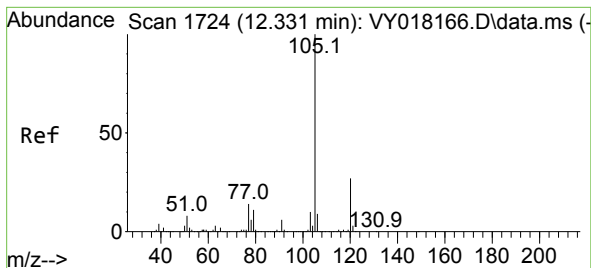
Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 161.9 0.0 345.6





#73

Isopropylbenzene

Concen: 19.303 ug/l

RT: 12.325 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

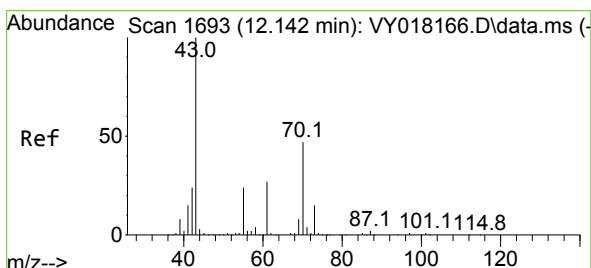
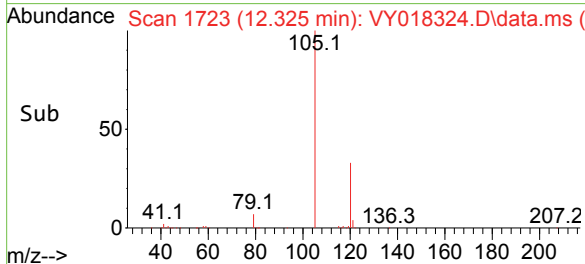
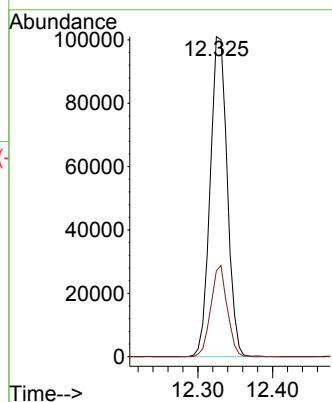
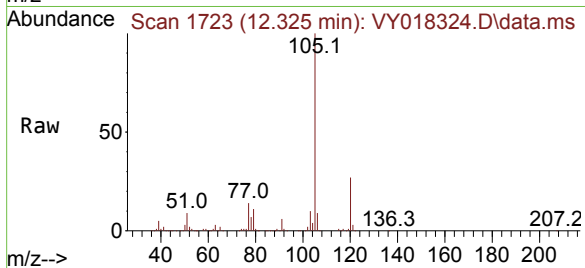
VY0520SBS01

Tgt Ion:105 Resp: 159962

Ion Ratio Lower Upper

105 100

120 27.4 13.4 40.1



#74

N-ethyl acetate

Concen: 20.443 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Tgt Ion: 43 Resp: 35166

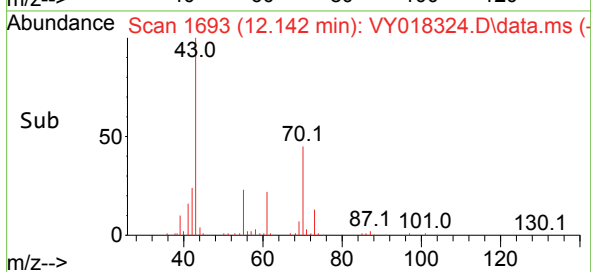
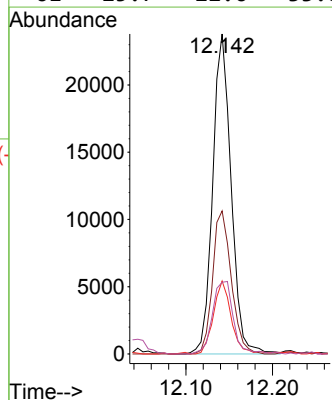
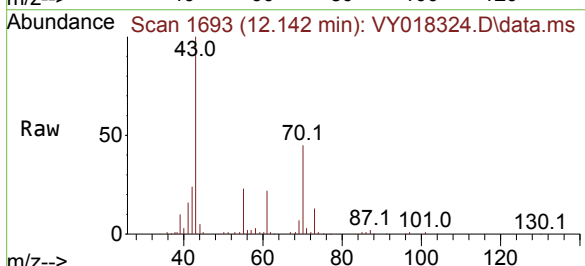
Ion Ratio Lower Upper

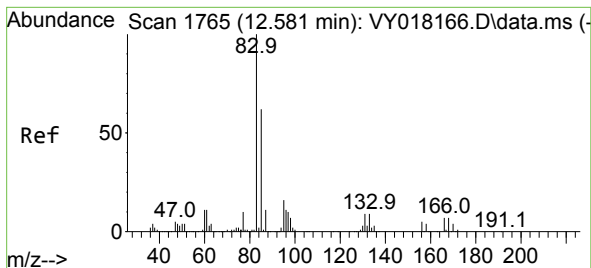
43 100

70 45.3 41.4 62.2

55 22.2 23.3 34.9#

61 25.7 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 20.107 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

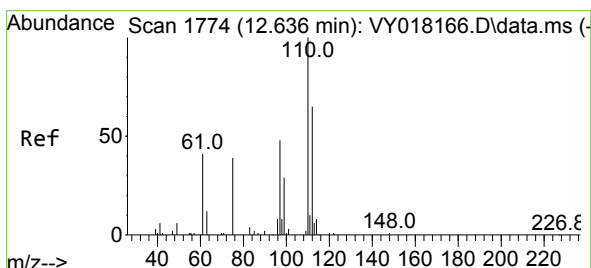
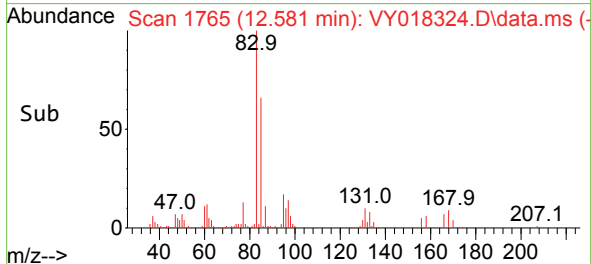
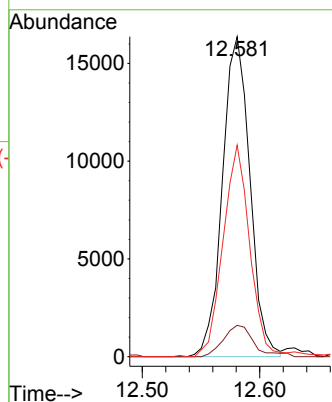
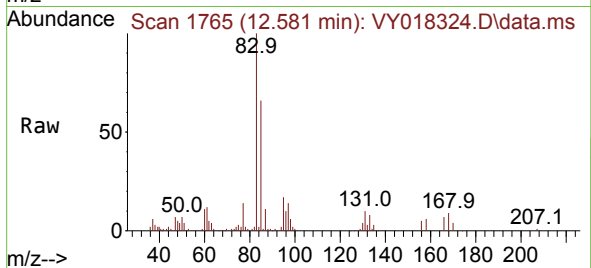
Tgt Ion: 83 Resp: 26580

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 65.2 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 37.907 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018324.D

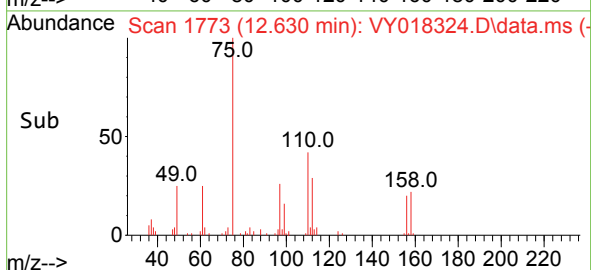
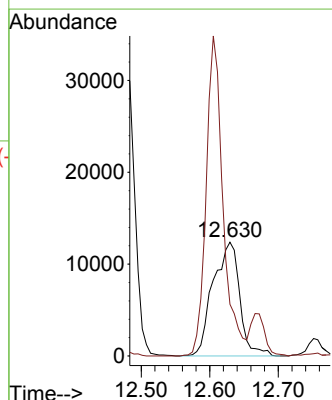
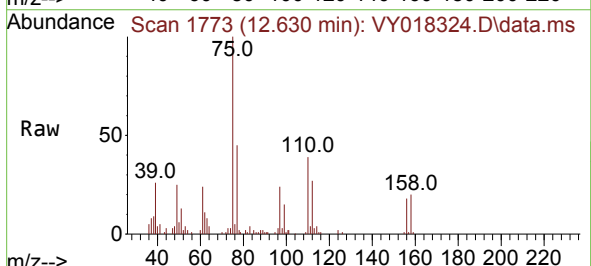
Acq: 20 May 2024 10:47

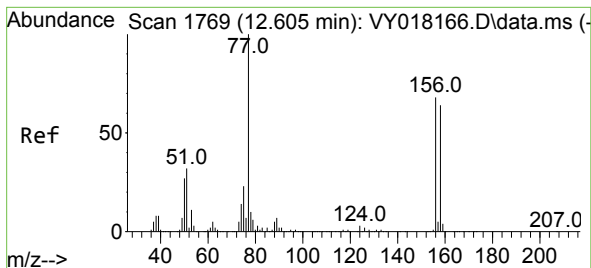
Tgt Ion: 75 Resp: 33536

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 18.778 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

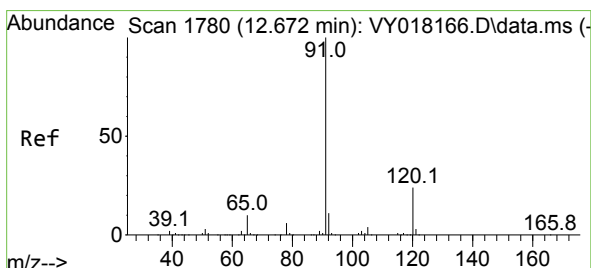
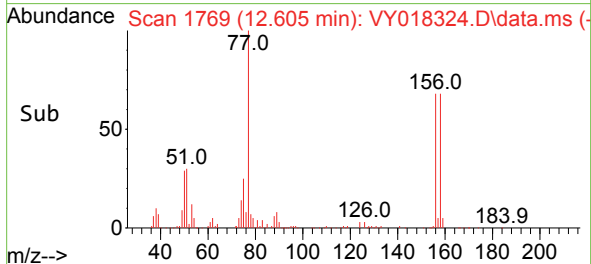
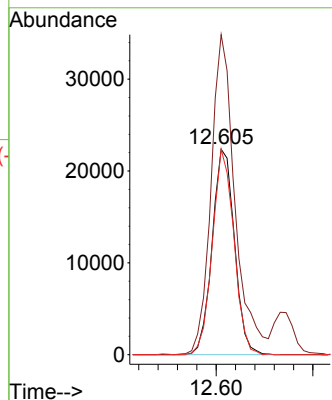
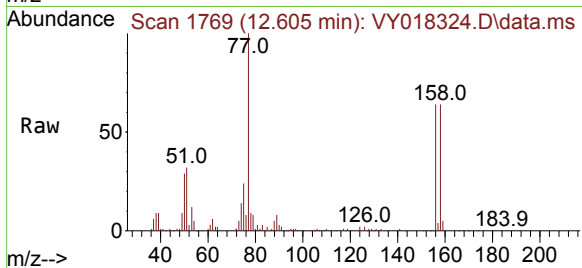
Tgt Ion:156 Resp: 35747

Ion Ratio Lower Upper

156 100

77 167.8 87.1 261.3

158 96.5 48.6 145.9



#78

n-propylbenzene

Concen: 19.298 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018324.D

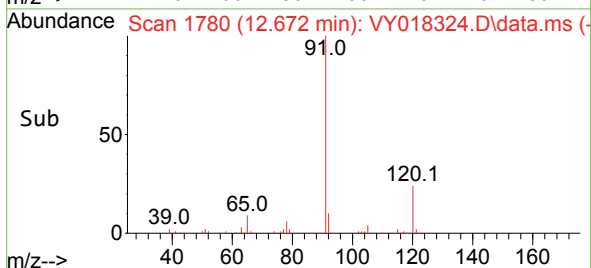
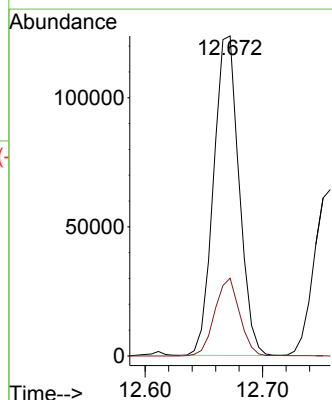
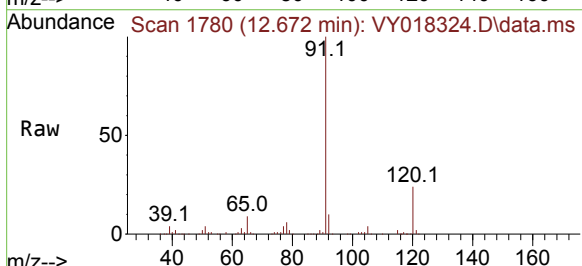
Acq: 20 May 2024 10:47

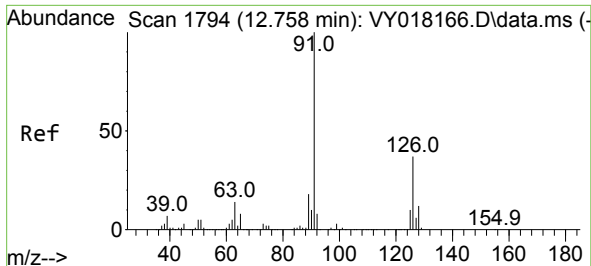
Tgt Ion: 91 Resp: 186004

Ion Ratio Lower Upper

91 100

120 23.9 11.5 34.4

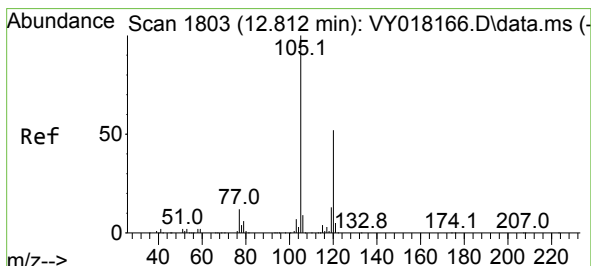
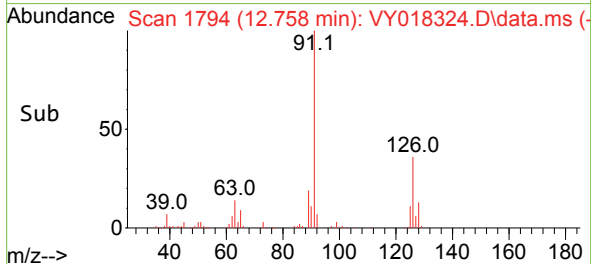
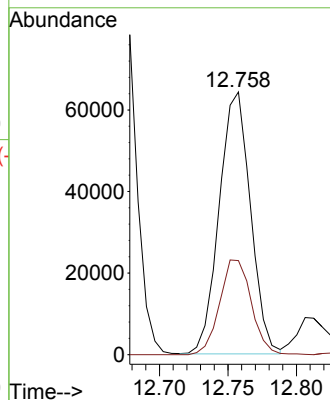
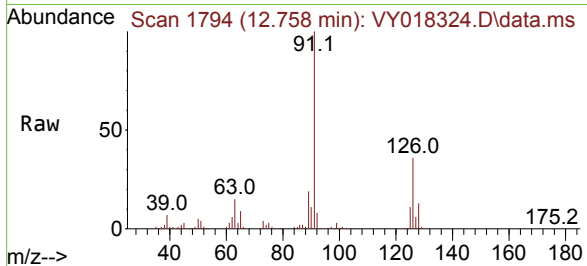




#79
2-Chlorotoluene
Concen: 19.066 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

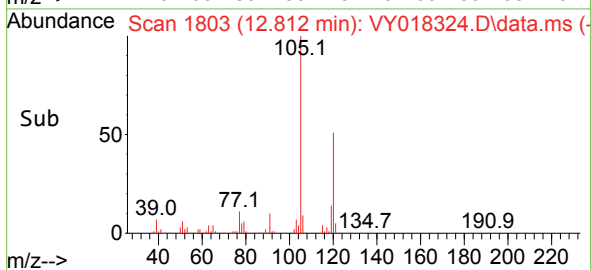
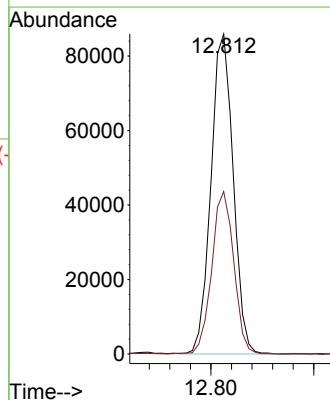
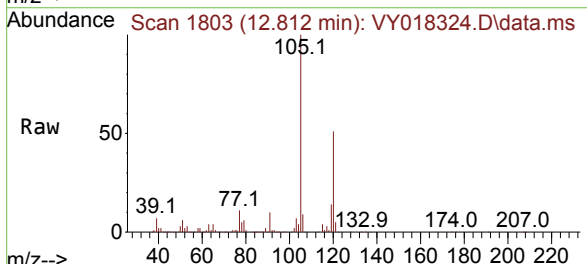
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

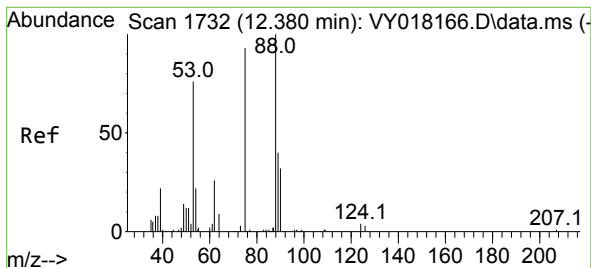
Tgt Ion: 91 Resp: 102122
Ion Ratio Lower Upper
91 100
126 36.6 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 19.727 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 105 Resp: 128903
Ion Ratio Lower Upper
105 100
120 50.2 25.1 75.2

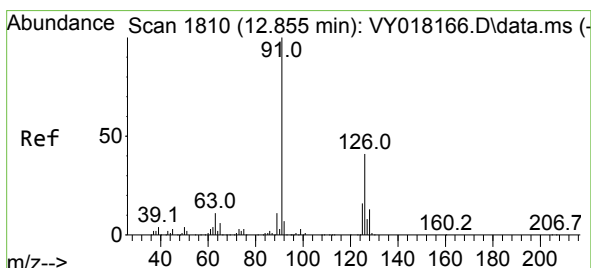
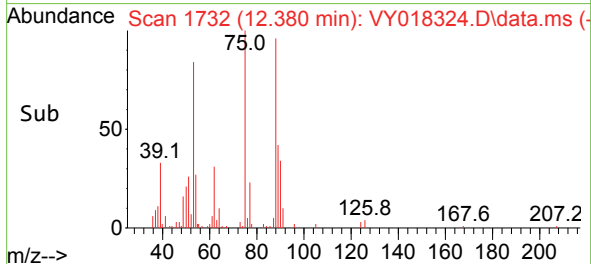
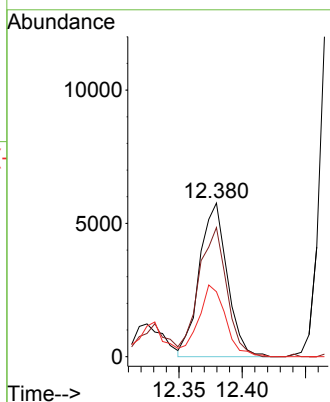
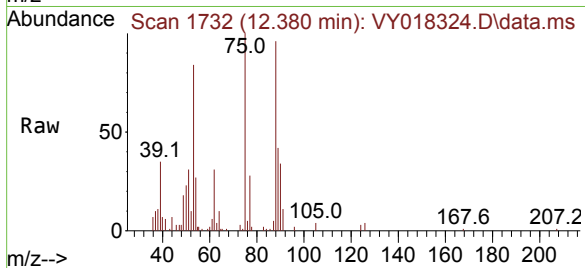




#81
trans-1,4-Dichloro-2-butene
Concen: 19.191 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

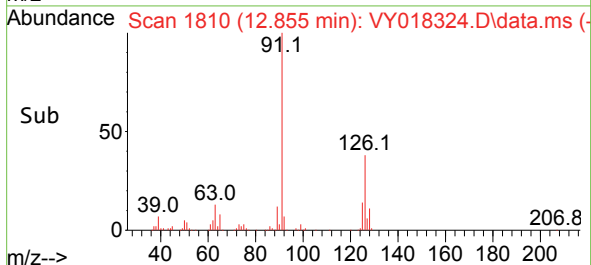
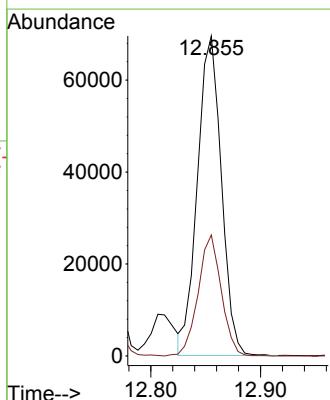
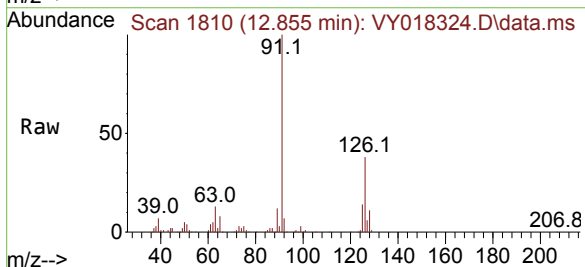
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

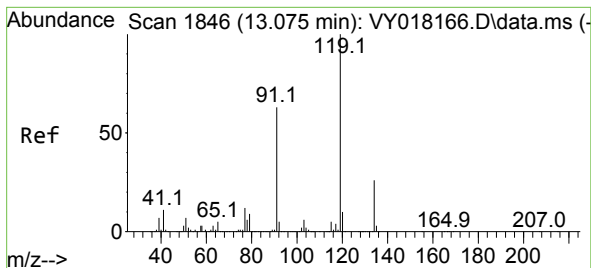
Tgt Ion: 75 Resp: 8812
Ion Ratio Lower Upper
75 100
53 84.9 66.8 100.2
89 45.8 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.595 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018324.D
Acq: 20 May 2024 10:47

Tgt Ion: 91 Resp: 105422
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.006 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

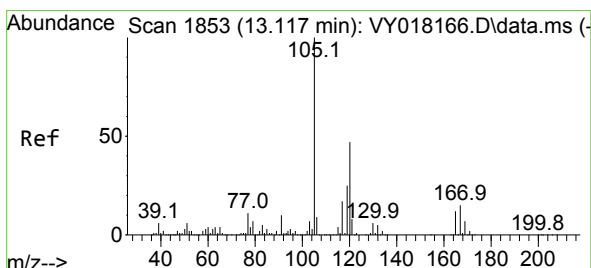
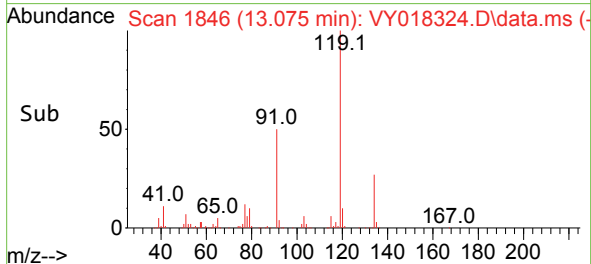
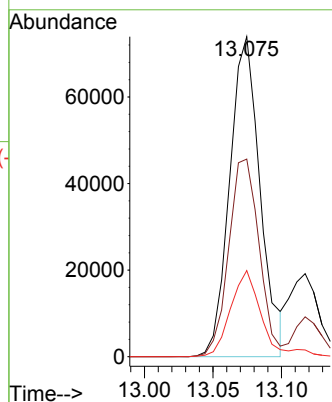
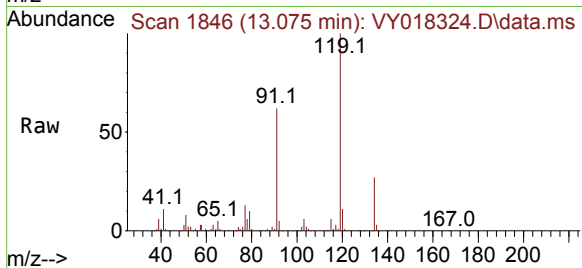
Tgt Ion:119 Resp: 114554

Ion Ratio Lower Upper

119 100

91 61.7 31.3 93.8

134 27.5 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.604 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018324.D

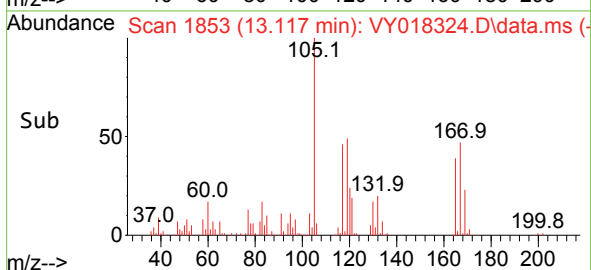
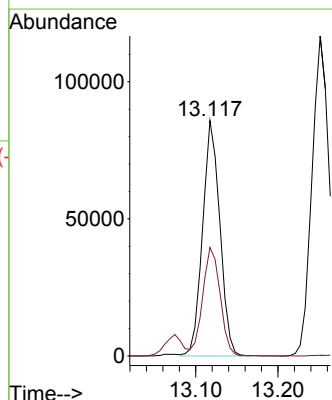
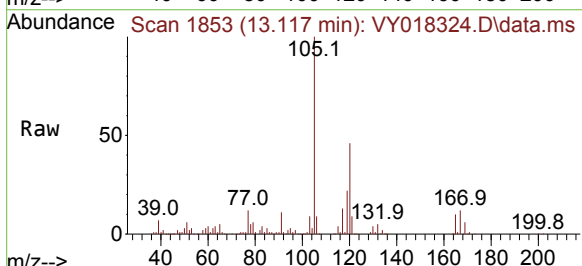
Acq: 20 May 2024 10:47

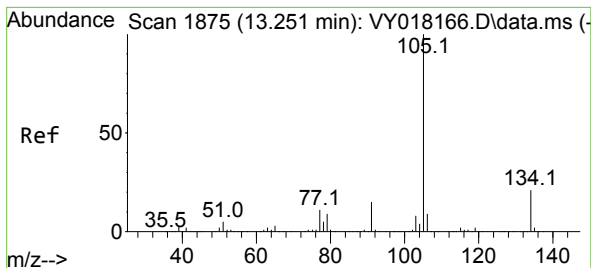
Tgt Ion:105 Resp: 125483

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.397 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

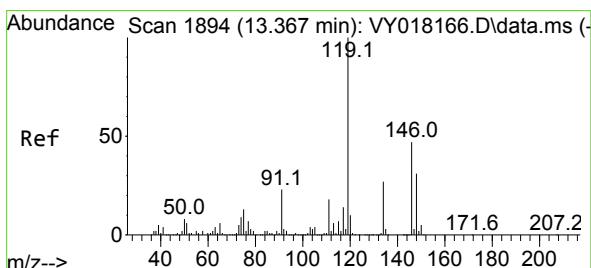
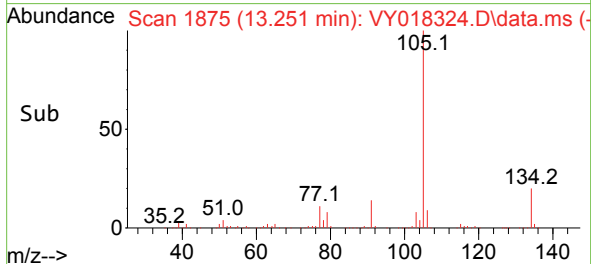
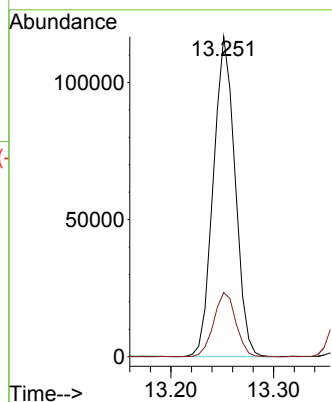
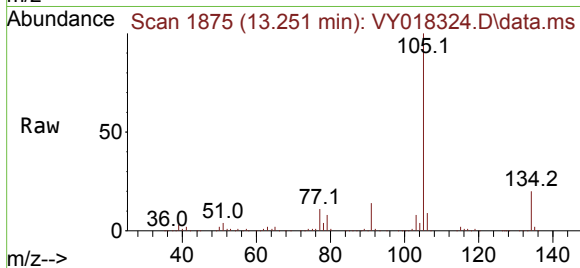
VY0520SBS01

Tgt Ion:105 Resp: 171482

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.044 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

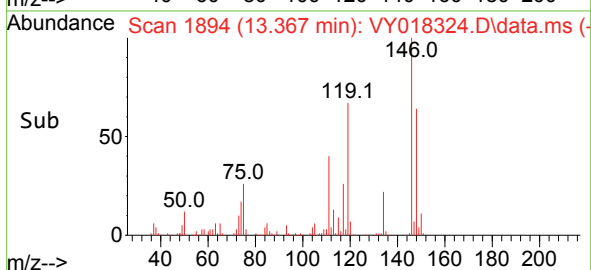
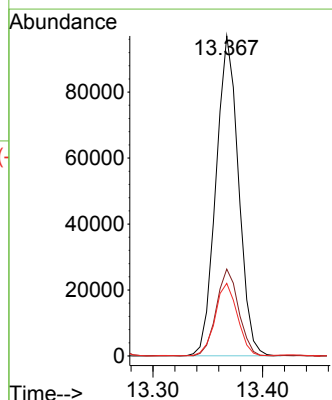
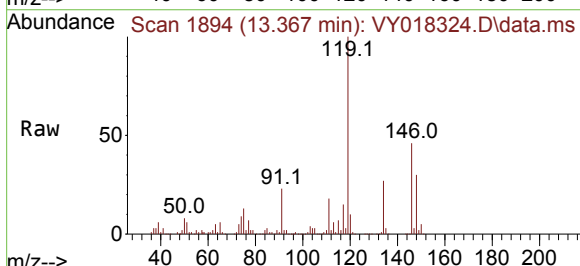
Tgt Ion:119 Resp: 138506

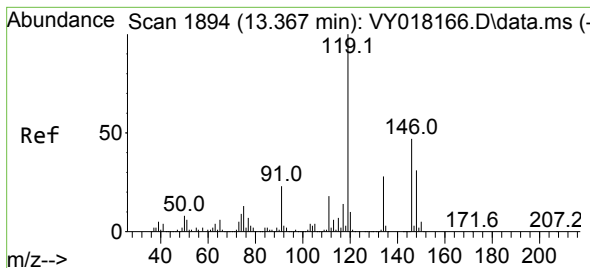
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 22.4 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.346 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

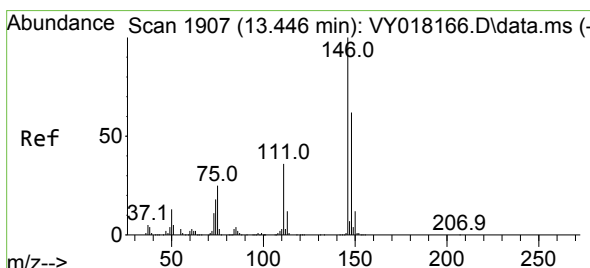
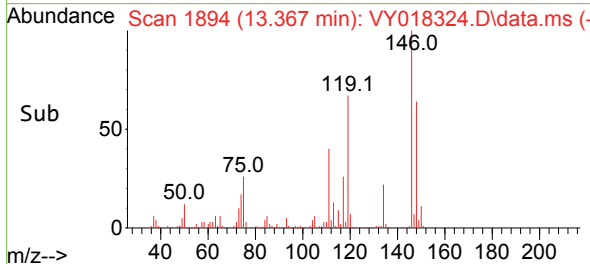
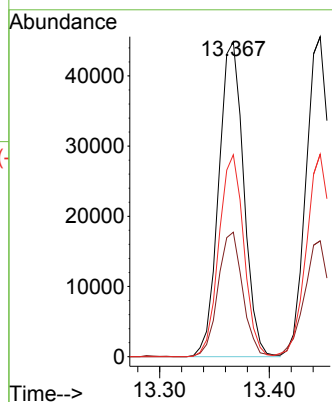
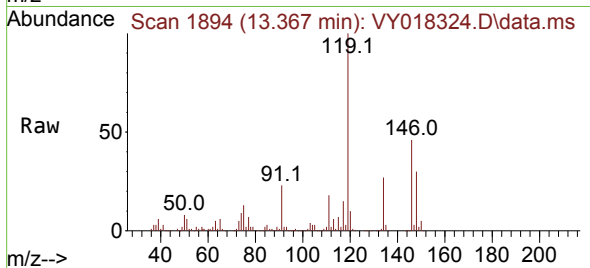
Tgt Ion:146 Resp: 71126

Ion Ratio Lower Upper

146 100

111 38.9 19.0 57.0

148 63.7 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.818 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

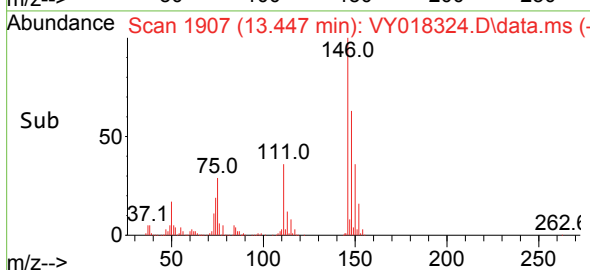
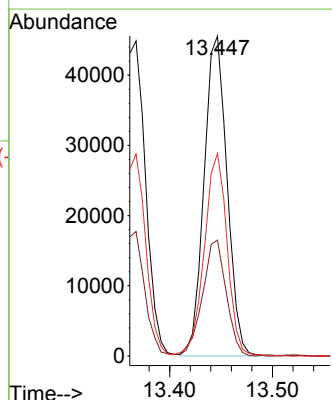
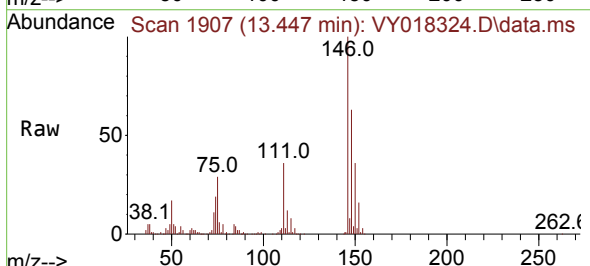
Tgt Ion:146 Resp: 71030

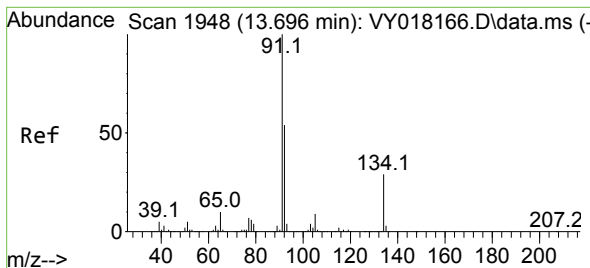
Ion Ratio Lower Upper

146 100

111 37.5 18.4 55.4

148 62.7 32.4 97.2





#89

n-Butylbenzene

Concen: 19.605 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

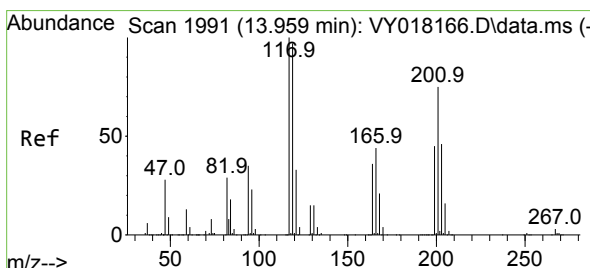
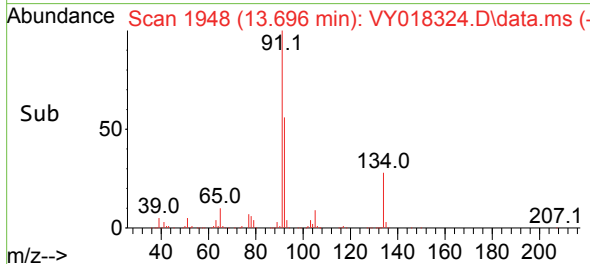
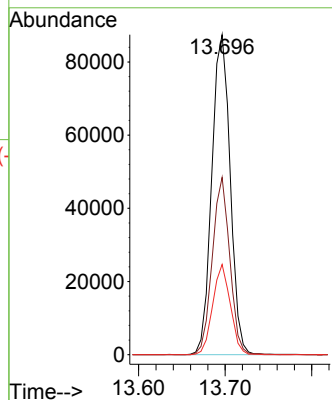
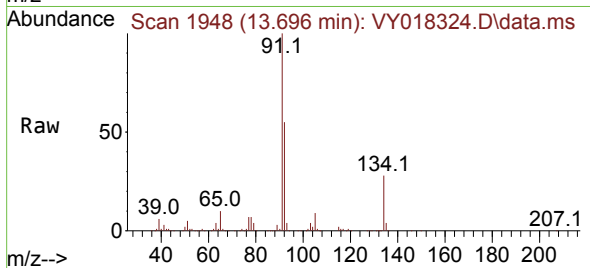
Tgt Ion: 91 Resp: 129045

Ion Ratio Lower Upper

91 100

92 52.8 26.6 79.7

134 27.0 12.9 38.7



#90

Hexachloroethane

Concen: 18.609 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018324.D

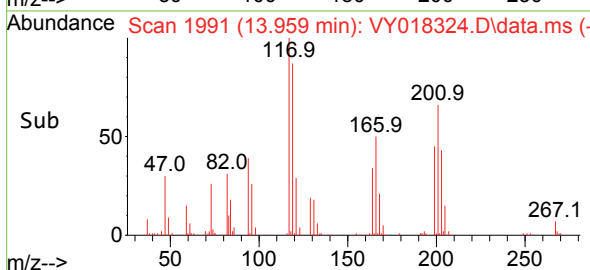
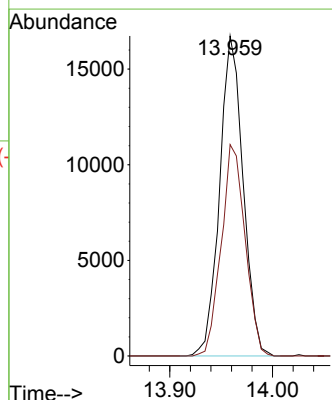
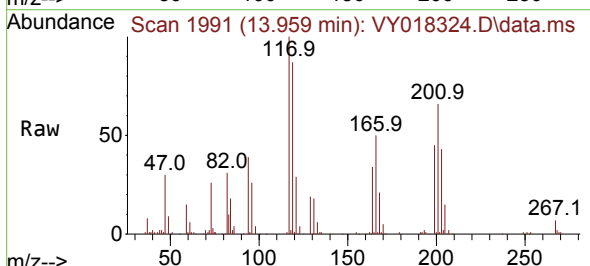
Acq: 20 May 2024 10:47

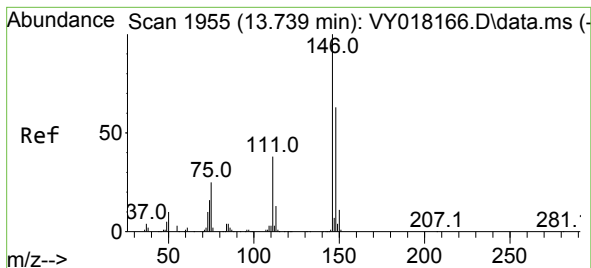
Tgt Ion: 117 Resp: 26552

Ion Ratio Lower Upper

117 100

201 67.1 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.304 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

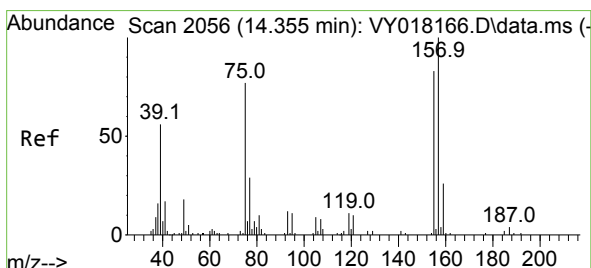
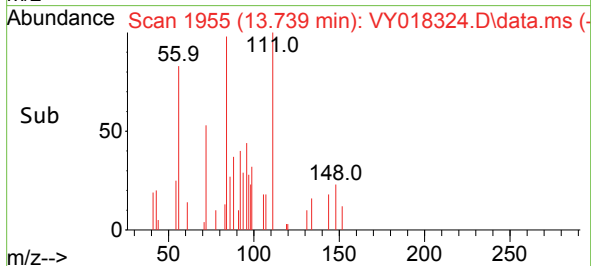
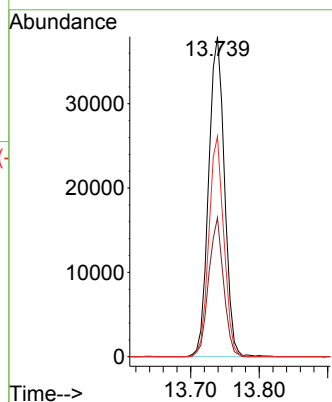
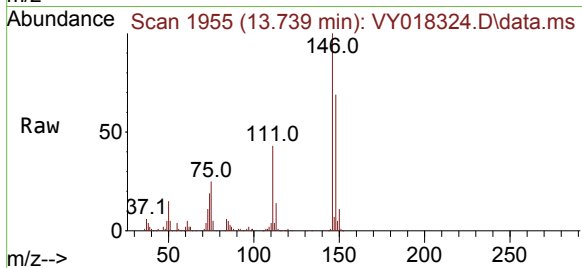
Tgt Ion:146 Resp: 61000

Ion Ratio Lower Upper

146 100

111 40.9 19.9 59.7

148 65.2 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.034 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

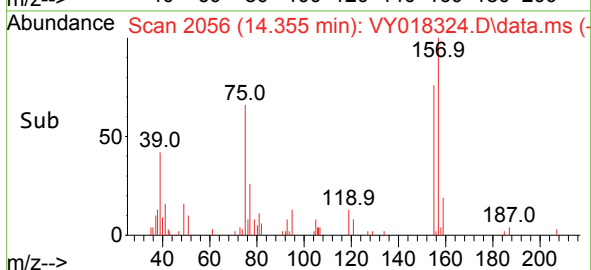
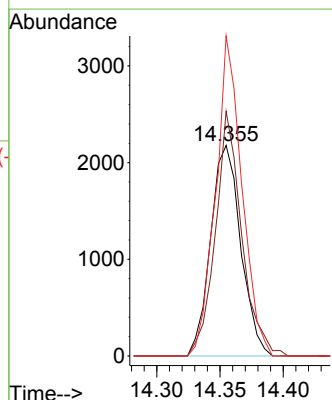
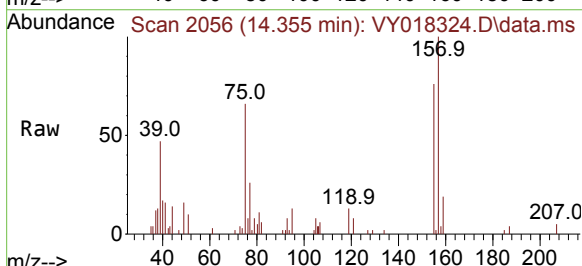
Tgt Ion: 75 Resp: 3606

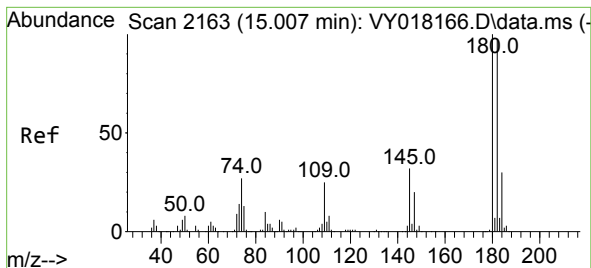
Ion Ratio Lower Upper

75 100

155 101.4 48.6 145.8

157 132.8 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 19.893 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

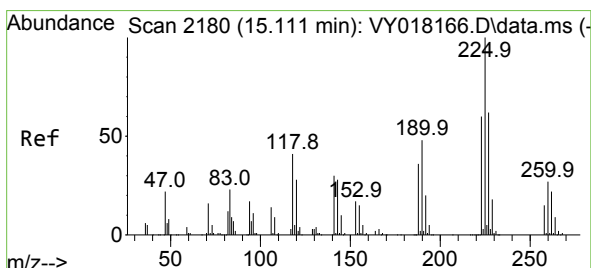
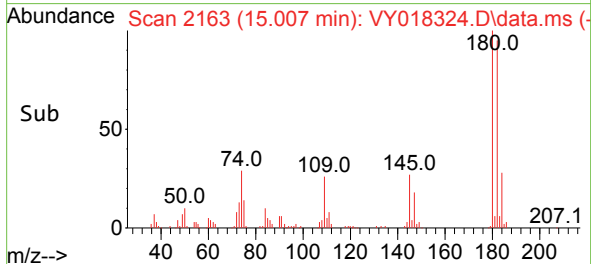
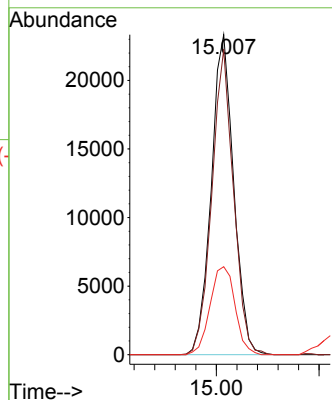
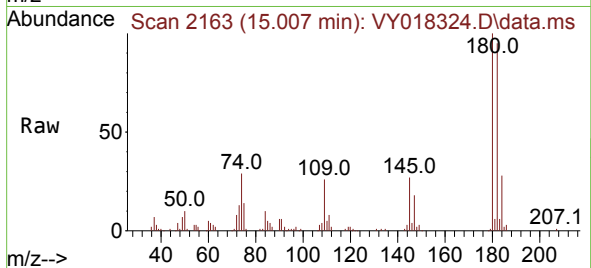
Tgt Ion:180 Resp: 35340

Ion Ratio Lower Upper

180 100

182 92.1 47.9 143.8

145 30.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 19.236 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

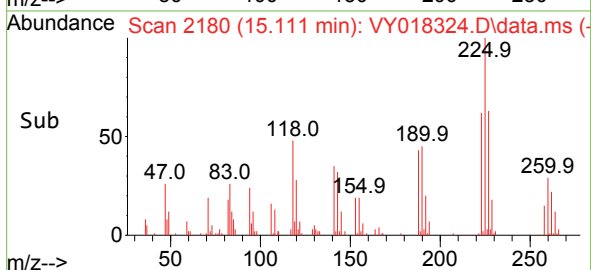
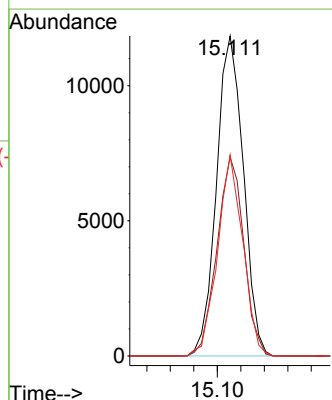
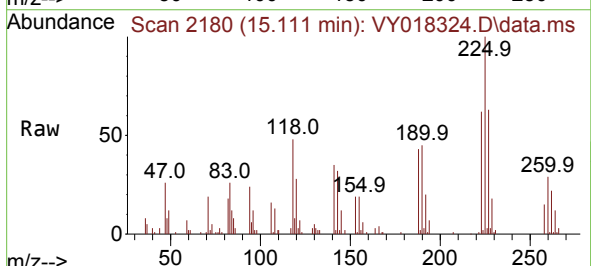
Tgt Ion:225 Resp: 18855

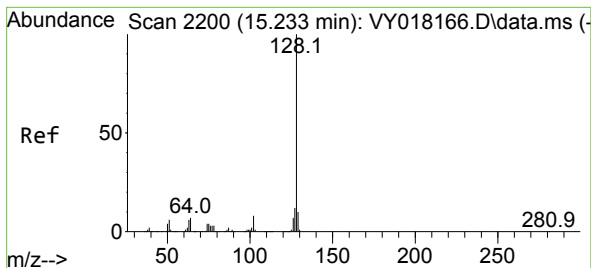
Ion Ratio Lower Upper

225 100

223 62.0 30.4 91.2

227 59.0 31.9 95.9





#95

Naphthalene

Concen: 19.872 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

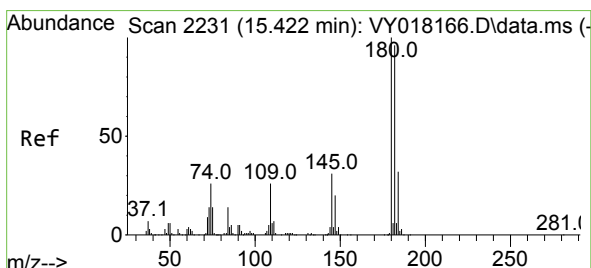
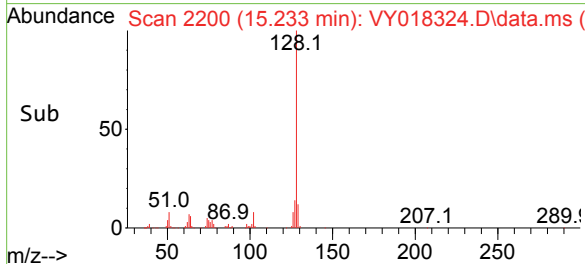
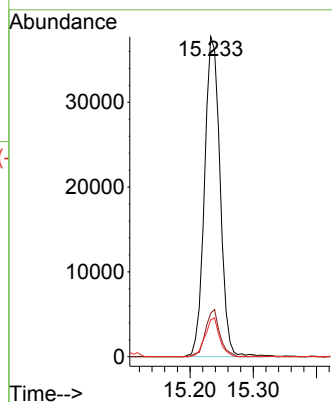
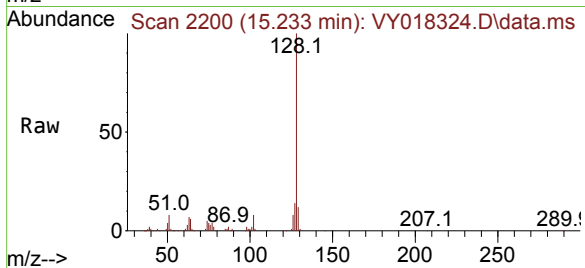
Tgt Ion:128 Resp: 64689

Ion Ratio Lower Upper

128 100

127 13.6 10.6 16.0

129 11.2 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.252 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018324.D

Acq: 20 May 2024 10:47

Tgt Ion:180 Resp: 29526

Ion Ratio Lower Upper

180 100

182 92.1 47.6 142.9

145 33.7 15.4 46.1

