

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
 Data File : VY018253.D
 Acq On : 14 May 2024 12:45
 Operator : SY/MD
 Sample : VY0514SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0514SBS01

Quant Time: May 15 04:13:01 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	210277	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	359434	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305060	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135004	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	89111	57.605	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 115.200%	
35) Dibromofluoromethane	7.710	113	101416	53.688	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.380%	
50) Toluene-d8	10.179	98	406321	54.585	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.180%	
62) 4-Bromofluorobenzene	12.483	95	124966	51.984	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 103.960%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	35782	21.457	ug/l	95
3) Chloromethane	2.107	50	52403	23.475	ug/l	97
4) Vinyl Chloride	2.247	62	62798	23.207	ug/l	96
5) Bromomethane	2.638	94	43382	23.084	ug/l	99
6) Chloroethane	2.784	64	38724	22.549	ug/l	98
7) Trichlorofluoromethane	3.119	101	66088	20.850	ug/l	92
8) Diethyl Ether	3.515	74	21837	20.928	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.887	101	41244	20.417	ug/l	99
10) Methyl Iodide	4.082	142	45090	19.115	ug/l	100
11) Tert butyl alcohol	4.948	59	18856	133.151	ug/l #	85
12) 1,1-Dichloroethene	3.863	96	43203	21.245	ug/l	96
13) Acrolein	3.723	56	21952	143.277	ug/l	96
14) Allyl chloride	4.473	41	53805	20.798	ug/l	98
15) Acrylonitrile	5.149	53	42159	105.066	ug/l	97
16) Acetone	3.942	43	31739	102.812	ug/l	89
17) Carbon Disulfide	4.180	76	126965	22.934	ug/l	98
18) Methyl Acetate	4.466	43	19512	22.188	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	94845	20.937	ug/l	100
20) Methylene Chloride	4.698	84	58540	26.829	ug/l	98
21) trans-1,2-Dichloroethene	5.204	96	45678	21.190	ug/l	93
22) Diisopropyl ether	6.112	45	114006	20.774	ug/l	98
23) Vinyl Acetate	6.052	43	346782	103.966	ug/l	99
24) 1,1-Dichloroethane	6.009	63	70829	20.955	ug/l	98
25) 2-Butanone	6.978	43	50343	102.019	ug/l	98
26) 2,2-Dichloropropane	6.972	77	64993	21.245	ug/l	100
27) cis-1,2-Dichloroethene	6.978	96	52774	20.716	ug/l	97
28) Bromochloromethane	7.326	49	24437	18.088	ug/l	94
29) Tetrahydrofuran	7.344	42	33699	103.456	ug/l	98
30) Chloroform	7.496	83	73773	20.907	ug/l	100
31) Cyclohexane	7.777	56	69652	21.935	ug/l #	89
32) 1,1,1-Trichloroethane	7.698	97	65442	20.692	ug/l	98
36) 1,1-Dichloropropene	7.911	75	56599	20.901	ug/l	98
37) Ethyl Acetate	7.057	43	23017	20.194	ug/l	94
38) Carbon Tetrachloride	7.899	117	57666	19.489	ug/l	96
39) Methylcyclohexane	9.179	83	78860	20.186	ug/l	98
40) Benzene	8.155	78	176387	20.250	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	12761	19.389	ug/l #	89
42) 1,2-Dichloroethane	8.234	62	38960	20.557	ug/l	96
43) Isopropyl Acetate	8.265	43	46310	19.823	ug/l	95
44) Trichloroethene	8.935	130	46361	19.551	ug/l	96
45) 1,2-Dichloropropane	9.216	63	38430	20.180	ug/l	99
46) Dibromomethane	9.301	93	22363	20.427	ug/l	98
47) Bromodichloromethane	9.490	83	52955	19.566	ug/l	99
48) Methyl methacrylate	9.289	41	20577	19.218	ug/l	95
49) 1,4-Dioxane	9.289	88	5297	364.509	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	116354	99.092	ug/l	96
52) Toluene	10.240	92	113694	20.275	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	49394	19.539	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	60378	19.539	ug/l #	91
55) 1,1,2-Trichloroethane	10.642	97	29952	19.916	ug/l	97
56) Ethyl methacrylate	10.508	69	39856	19.513	ug/l #	90
57) 1,3-Dichloropropane	10.788	76	48193	19.689	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	88974	91.226	ug/l	96
59) 2-Hexanone	10.831	43	78794	95.972	ug/l	95
60) Dibromochloromethane	10.984	129	37302	19.117	ug/l	99
61) 1,2-Dibromoethane	11.087	107	27450	19.378	ug/l	96
64) Tetrachloroethene	10.721	164	39985	19.686	ug/l	94
65) Chlorobenzene	11.514	112	121339	19.530	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	38710	19.261	ug/l	99
67) Ethyl Benzene	11.593	91	211091	20.122	ug/l	96
68) m/p-Xylenes	11.703	106	167713	40.428	ug/l	96
69) o-Xylene	12.026	106	77138	19.376	ug/l	99
70) Styrene	12.044	104	126981	19.099	ug/l	99
71) Bromoform	12.209	173	19898	17.894	ug/l #	96
73) Isopropylbenzene	12.331	105	200731	19.831	ug/l	98
74) N-amyl acetate	12.142	43	40166	19.116	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	31807	19.699	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	38606	35.726	ug/l #	100
77) Bromobenzene	12.605	156	45084	19.388	ug/l	94
78) n-propylbenzene	12.672	91	235156	19.973	ug/l	97
79) 2-Chlorotoluene	12.758	91	128974	19.714	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	158901	19.909	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	10853	19.350	ug/l	99
82) 4-Chlorotoluene	12.855	91	129239	19.666	ug/l	98
83) tert-Butylbenzene	13.075	119	145514	19.765	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	155145	19.843	ug/l	99
85) sec-Butylbenzene	13.251	105	214766	19.888	ug/l	99
86) p-Isopropyltoluene	13.367	119	174186	19.607	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	86389	19.237	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	85129	19.445	ug/l	98
89) n-Butylbenzene	13.697	91	160079	19.911	ug/l	99
90) Hexachloroethane	13.959	117	32618	18.715	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	76425	19.800	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4330	19.694	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	40337	18.589	ug/l	98
94) Hexachlorobutadiene	15.111	225	21068	17.597	ug/l	98
95) Naphthalene	15.233	128	74678	18.781	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	32874	18.460	ug/l	97

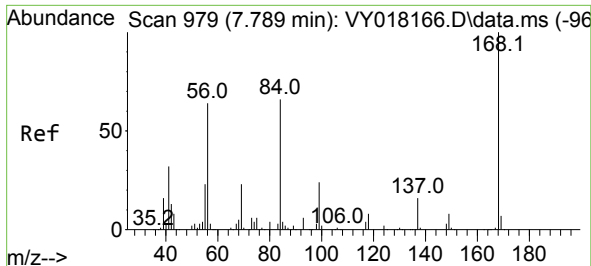
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051424\
Data File : VY018253.D
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Operator : SY/MD
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Response via : Initial Calibration

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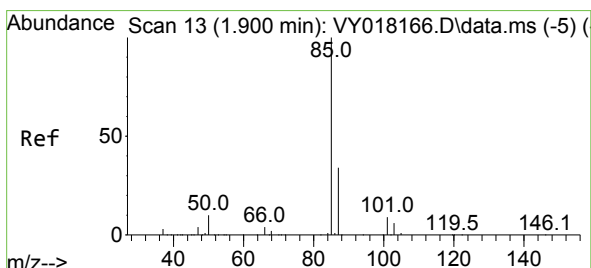
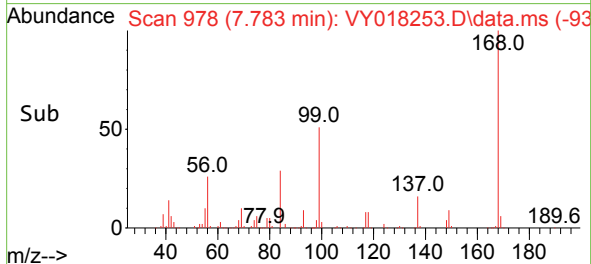
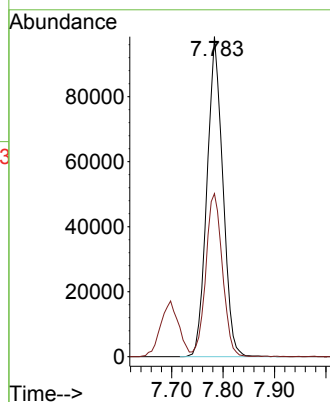
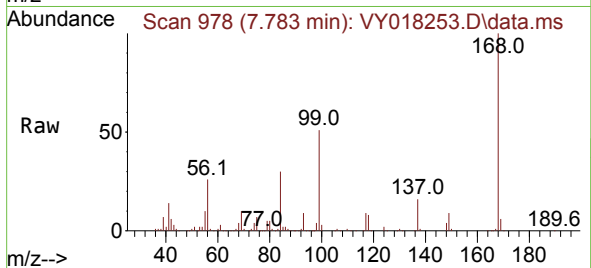
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

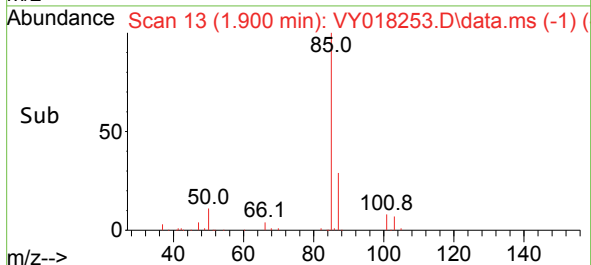
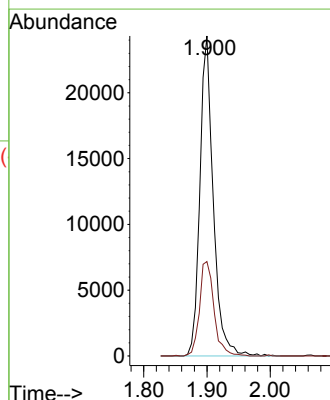
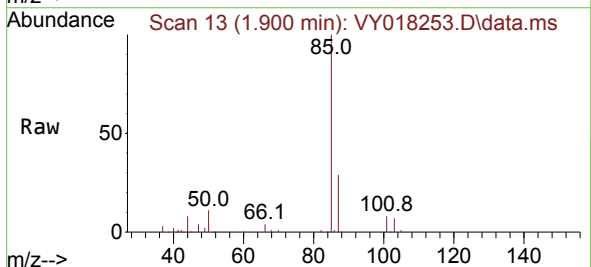
Instrument :
MSVOA_Y
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VY0514SBS01

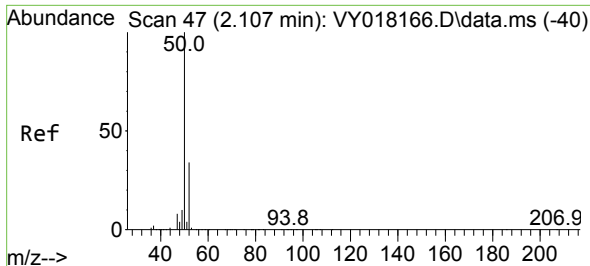
Tgt Ion:168 Resp: 210277
Ion Ratio Lower Upper
168 100
99 50.9 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.457 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 85 Resp: 35782
Ion Ratio Lower Upper
85 100
87 29.5 16.0 48.0

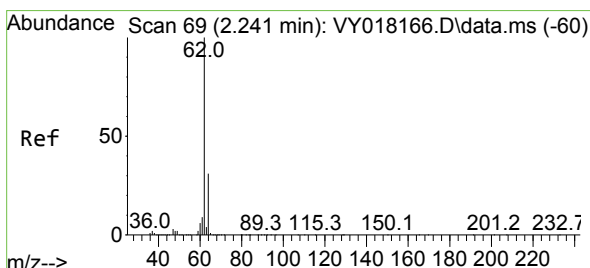
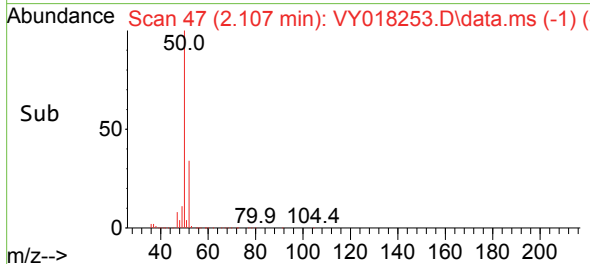
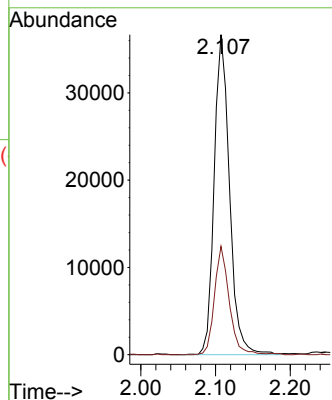
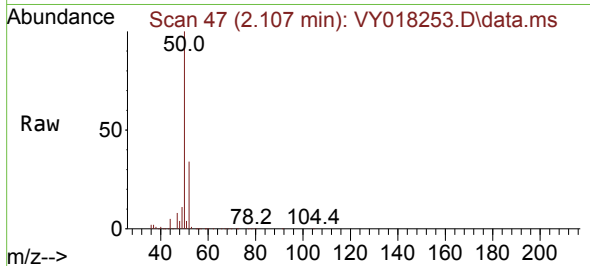




#3
Chloromethane
Concen: 23.475 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

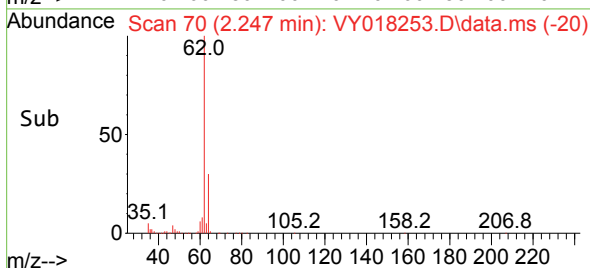
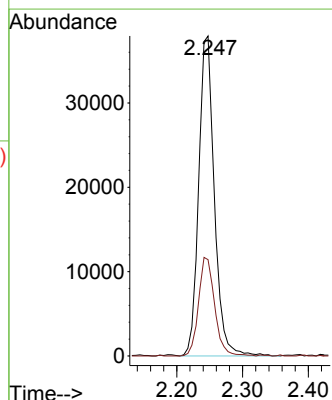
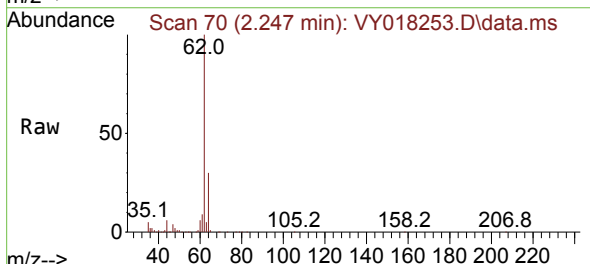
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

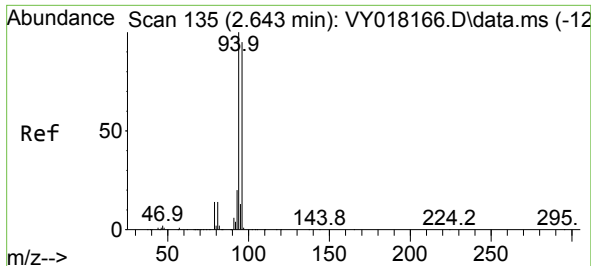
Tgt Ion: 50 Resp: 52403
Ion Ratio Lower Upper
50 100
52 33.8 25.6 38.4



#4
Vinyl Chloride
Concen: 23.207 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 62 Resp: 62798
Ion Ratio Lower Upper
62 100
64 30.1 26.1 39.1

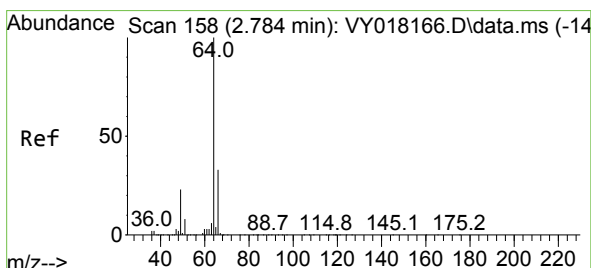
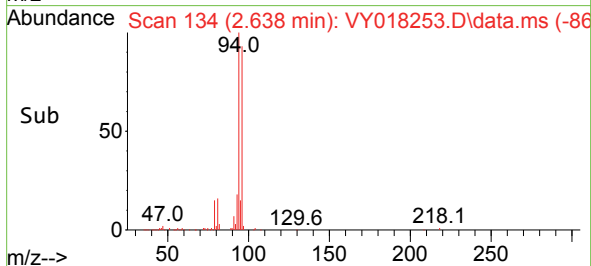
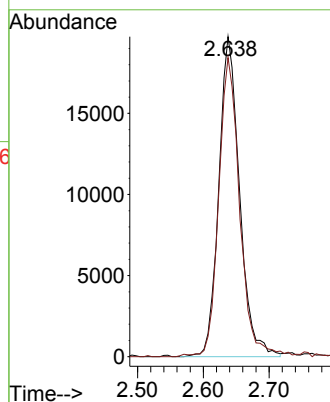
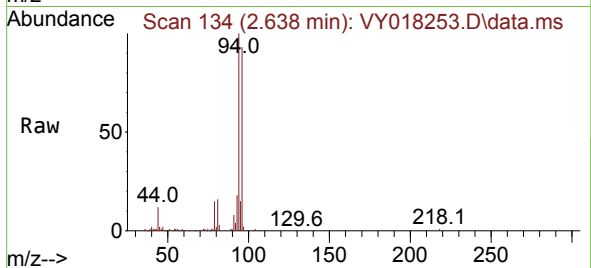




#5
Bromomethane
Concen: 23.084 ug/l
RT: 2.638 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

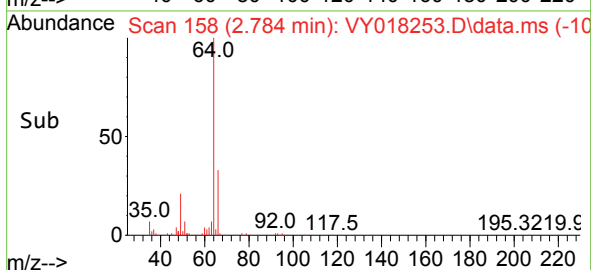
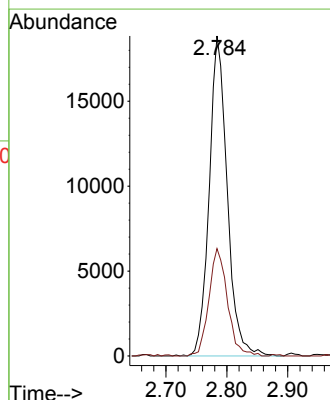
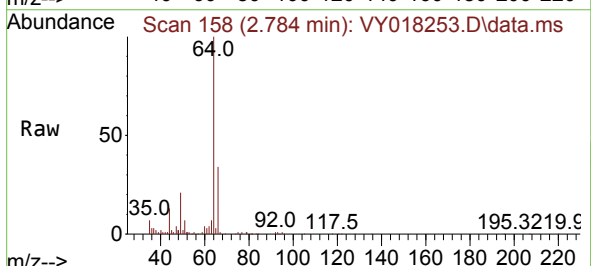
Instrument :
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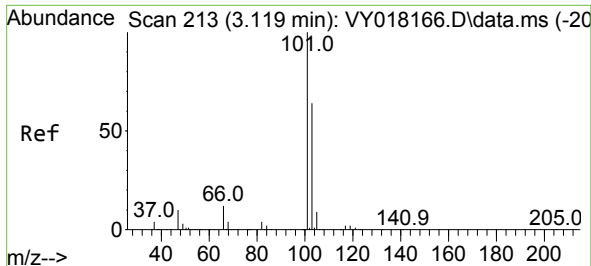
Tgt Ion: 94 Resp: 43382
Ion Ratio Lower Upper
94 100
96 93.1 74.1 111.1



#6
Chloroethane
Concen: 22.549 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 64 Resp: 38724
Ion Ratio Lower Upper
64 100
66 33.5 26.1 39.1

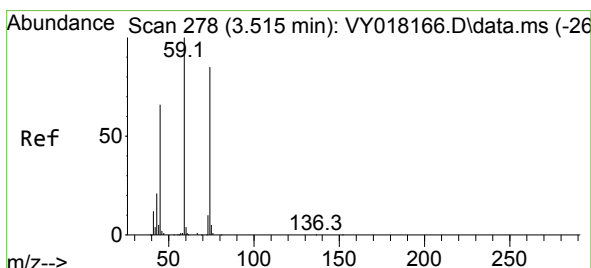
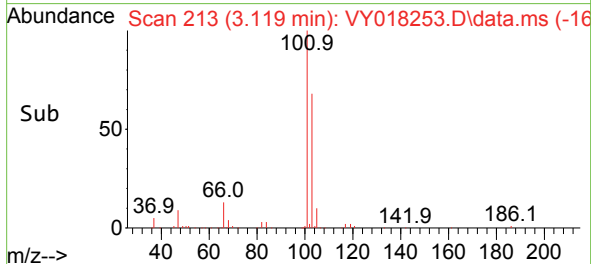
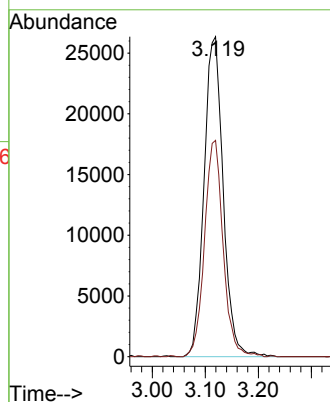
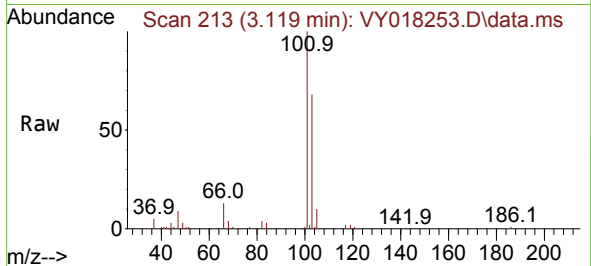




#7
 Trichlorofluoromethane
 Concen: 20.850 ug/l
 RT: 3.119 min Scan# 213
 Delta R.T. 0.000 min
 Lab File: VY018253.D
 Acq: 14 May 2024 12:45

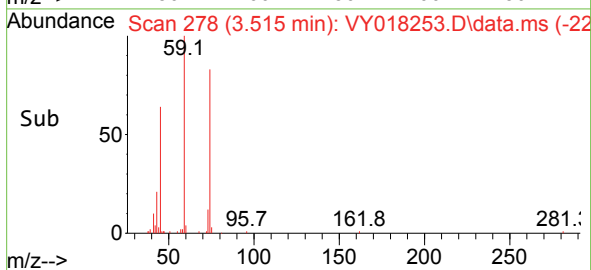
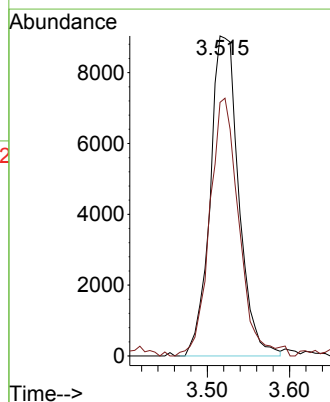
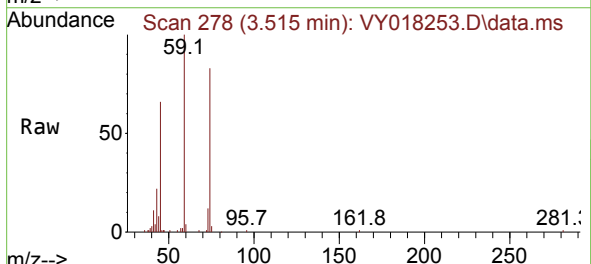
Instrument :
 MSVOA_Y
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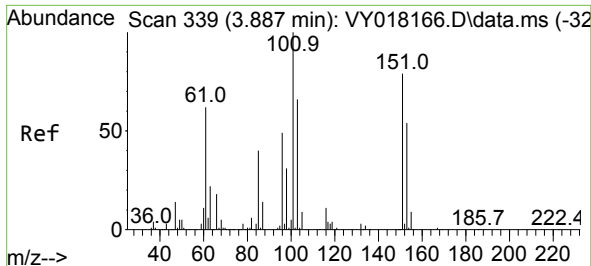
Tgt Ion:101 Resp: 66088
 Ion Ratio Lower Upper
 101 100
 103 67.6 49.3 73.9



#8
 Diethyl Ether
 Concen: 20.928 ug/l
 RT: 3.515 min Scan# 278
 Delta R.T. 0.000 min
 Lab File: VY018253.D
 Acq: 14 May 2024 12:45

Tgt Ion: 74 Resp: 21837
 Ion Ratio Lower Upper
 74 100
 45 82.2 41.3 124.1

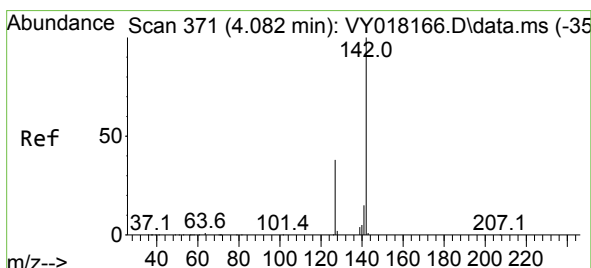
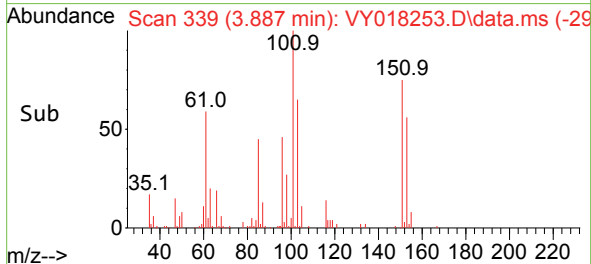
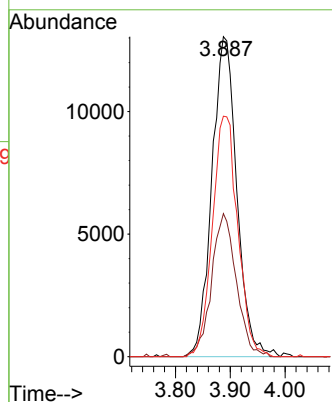
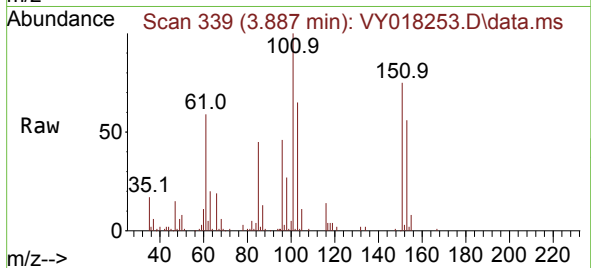




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.417 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

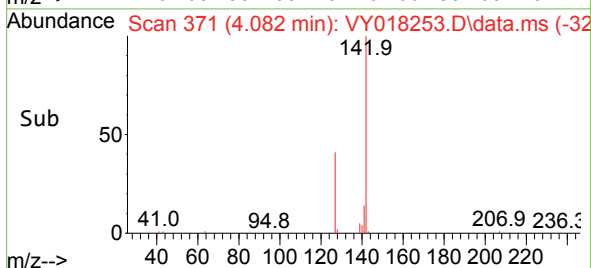
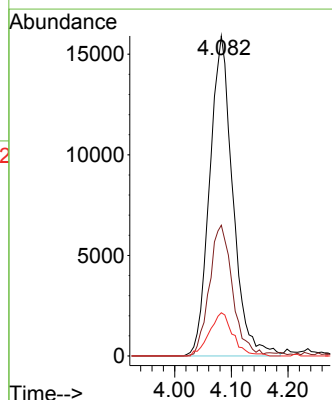
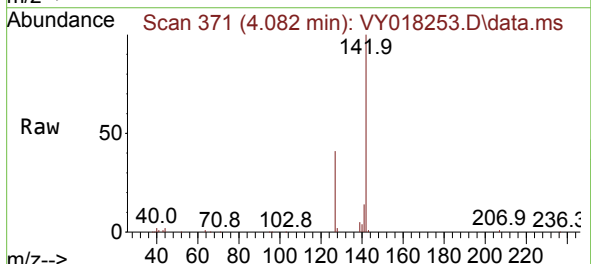
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

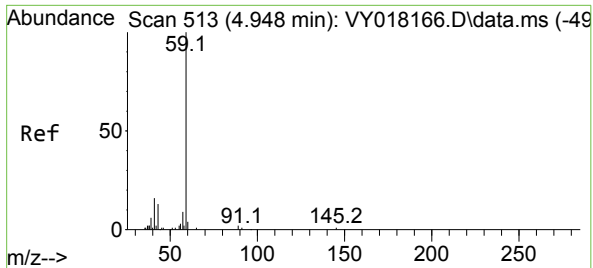
Tgt Ion:101 Resp: 41244
Ion Ratio Lower Upper
101 100
85 44.4 34.5 51.7
151 76.5 61.7 92.5



#10
Methyl Iodide
Concen: 19.115 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion:142 Resp: 45090
Ion Ratio Lower Upper
142 100
127 41.0 32.8 49.2
141 13.9 11.4 17.2

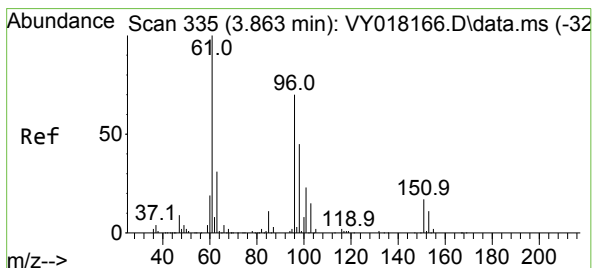
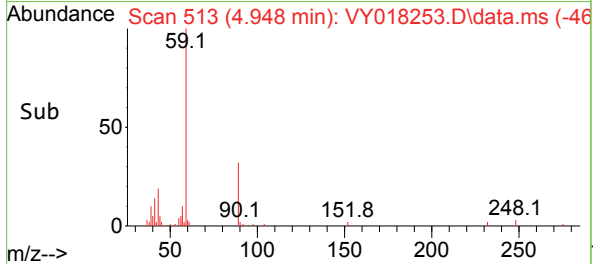
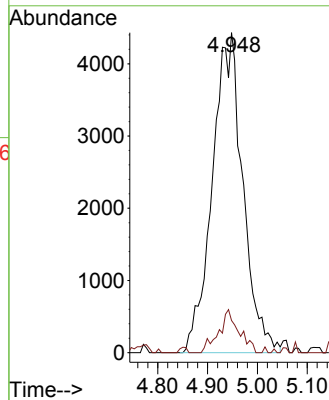
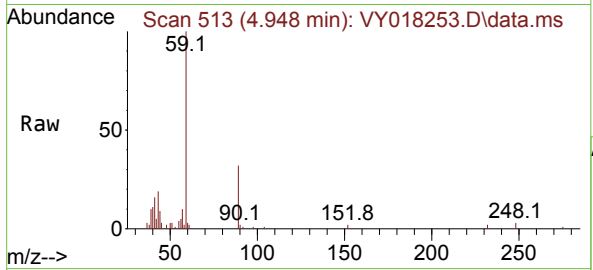




#11
Tert butyl alcohol
Concen: 133.151 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

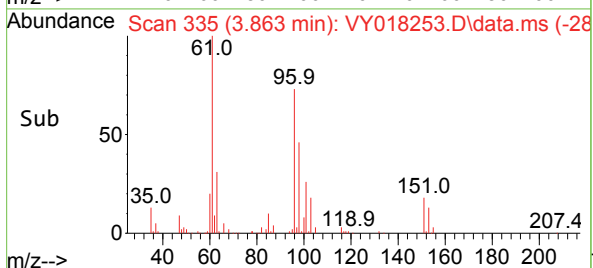
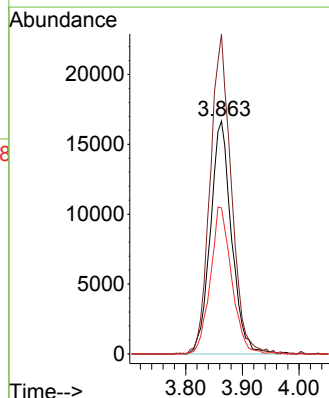
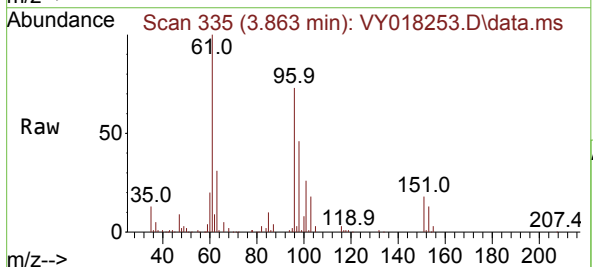
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

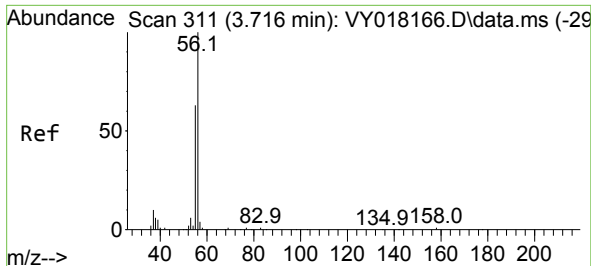
Tgt Ion: 59 Resp: 18856
Ion Ratio Lower Upper
59 100
57 8.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.245 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 96 Resp: 43203
Ion Ratio Lower Upper
96 100
61 137.1 114.6 171.8
98 62.8 50.8 76.2





#13

Acrolein

Concen: 143.277 ug/l

RT: 3.723 min Scan# 311

Delta R.T. 0.007 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

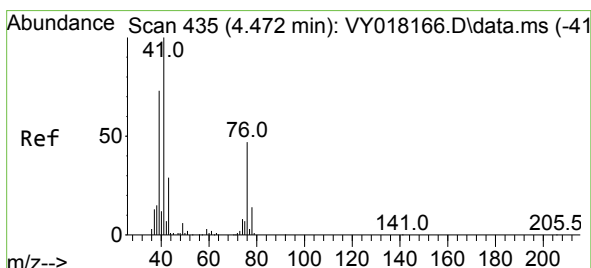
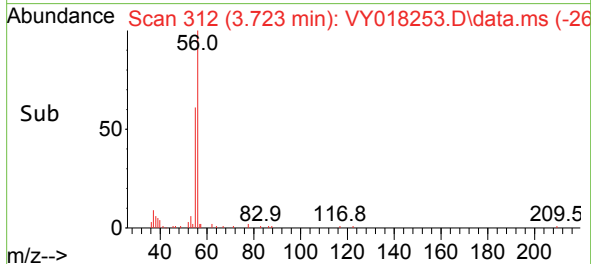
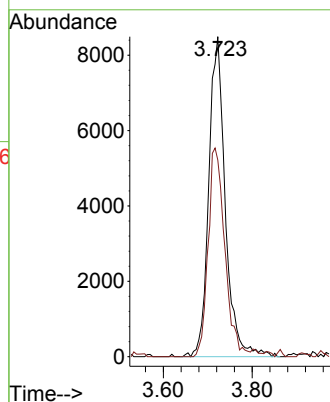
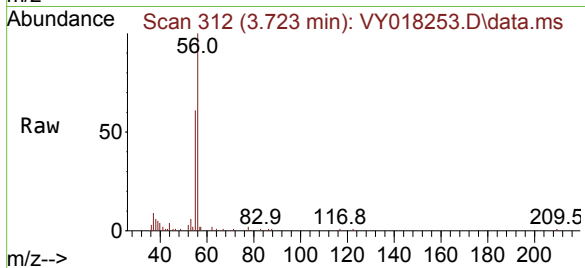
VY0514SBS01

Tgt Ion: 56 Resp: 21952

Ion Ratio Lower Upper

56 100

55 66.0 55.7 83.5



#14

Allyl chloride

Concen: 20.798 ug/l

RT: 4.473 min Scan# 435

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

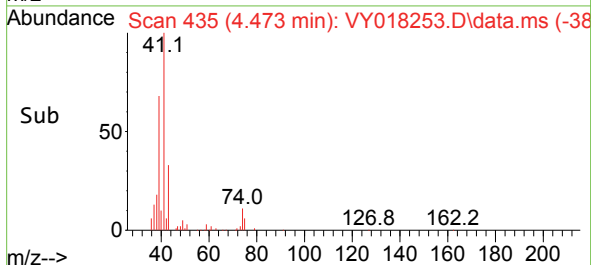
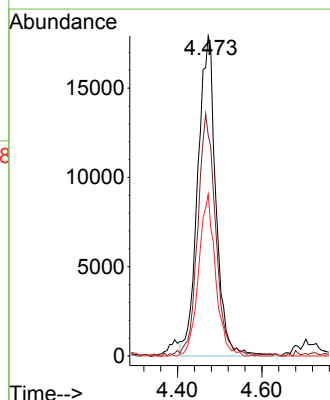
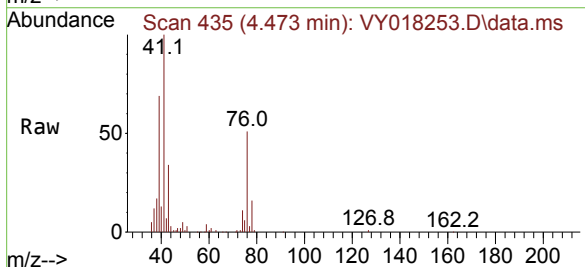
Tgt Ion: 41 Resp: 53805

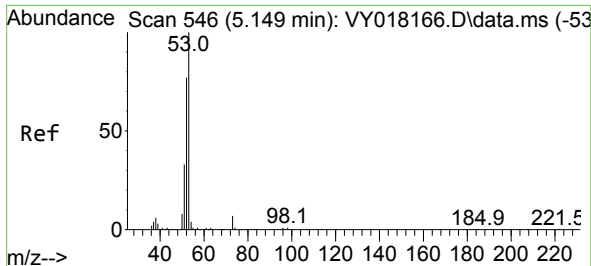
Ion Ratio Lower Upper

41 100

39 74.6 58.3 87.5

76 46.9 39.0 58.6

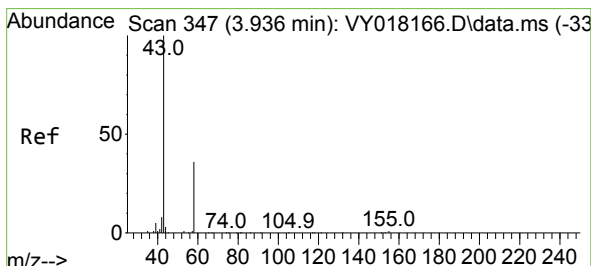
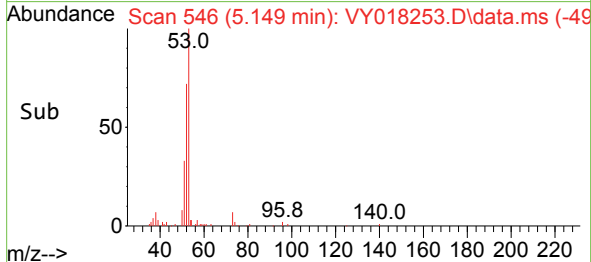
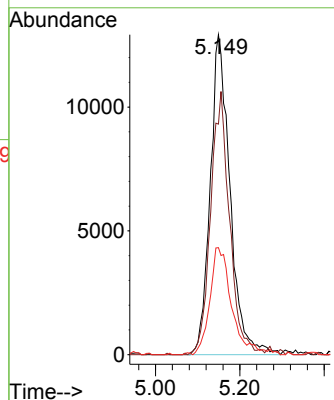
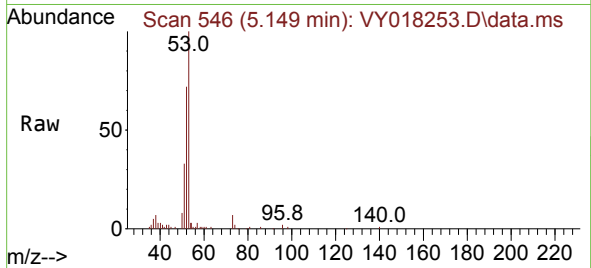




#15
Acrylonitrile
Concen: 105.066 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

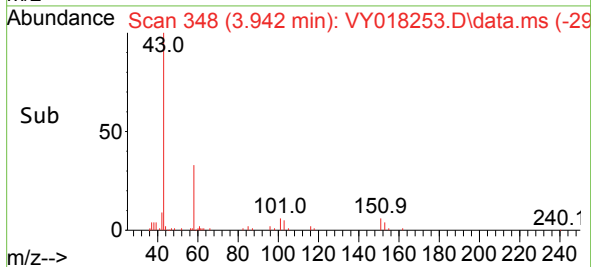
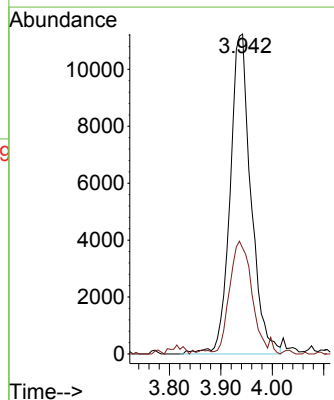
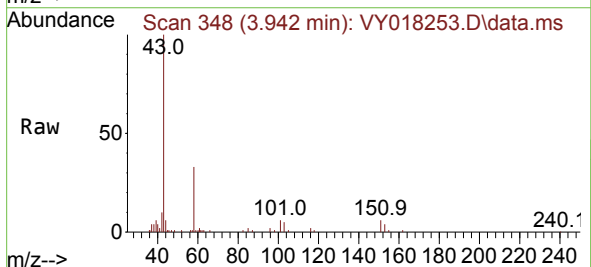
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

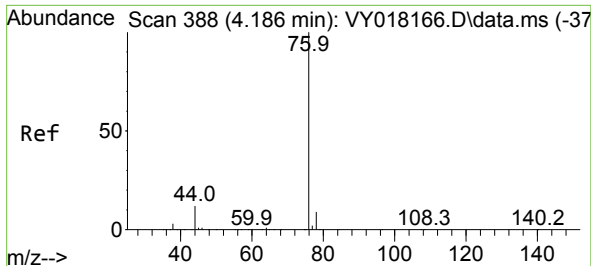
Tgt Ion: 53 Resp: 42159
Ion Ratio Lower Upper
53 100
52 78.7 64.7 97.1
51 37.1 28.4 42.6



#16
Acetone
Concen: 102.812 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 43 Resp: 31739
Ion Ratio Lower Upper
43 100
58 33.1 31.7 47.5

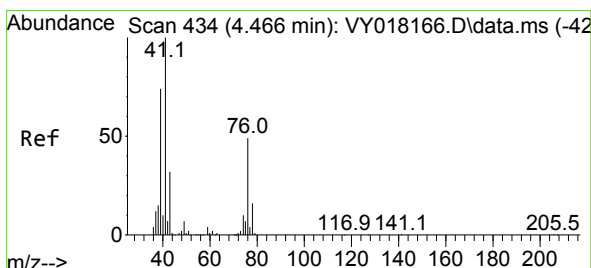
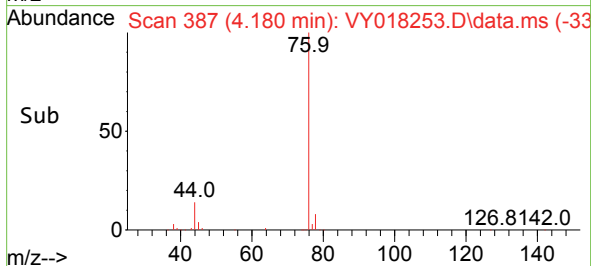
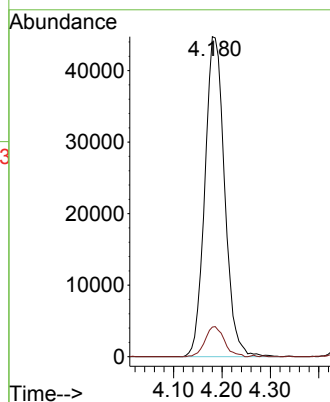
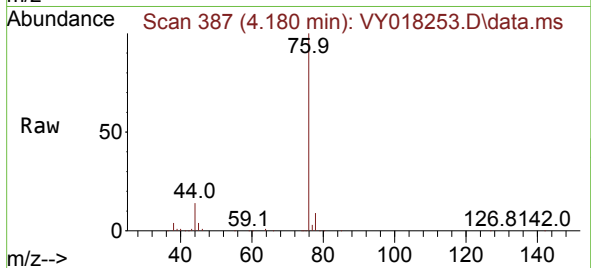




#17
Carbon Disulfide
Concen: 22.934 ug/l
RT: 4.180 min Scan# 31
Delta R.T. -0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

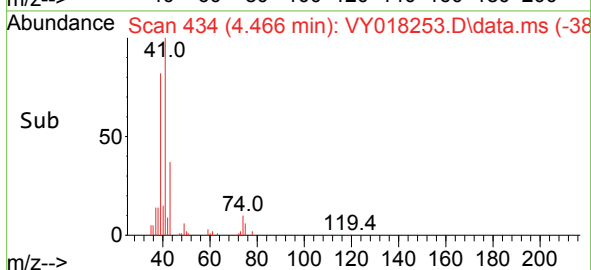
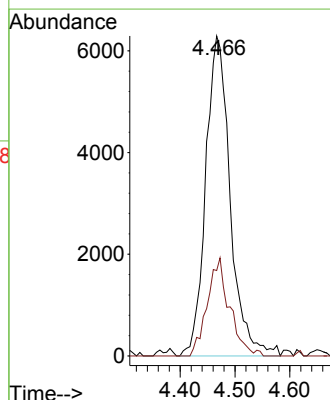
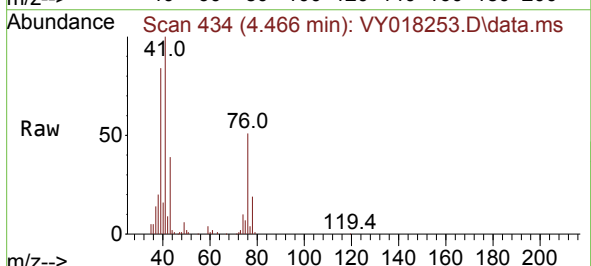
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

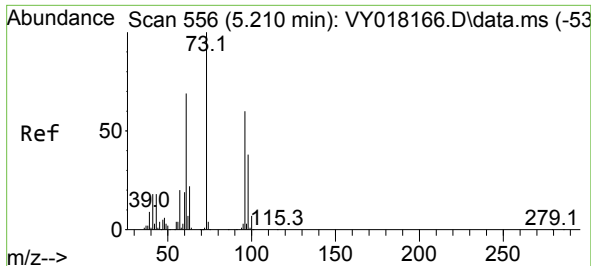
Tgt Ion: 76 Resp: 126965
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 22.188 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 43 Resp: 19512
Ion Ratio Lower Upper
43 100
74 27.9 23.3 34.9

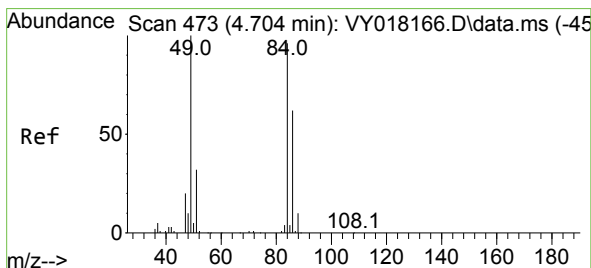
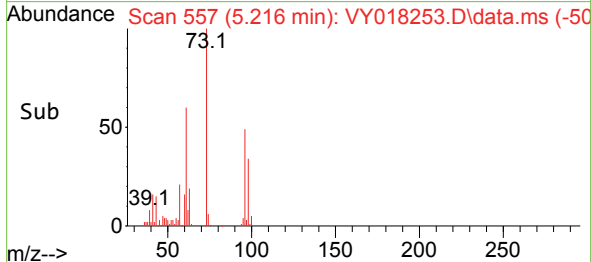
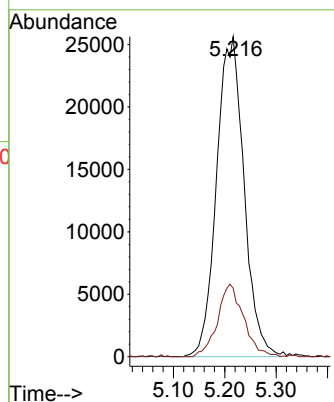
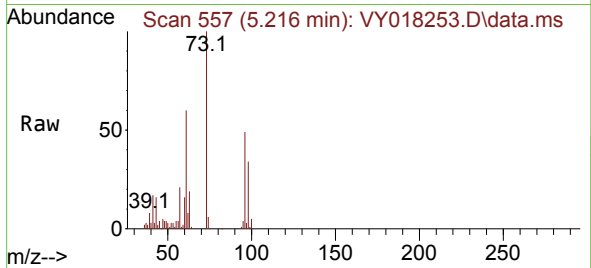




#19
Methyl tert-butyl Ether
Concen: 20.937 ug/l
RT: 5.216 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

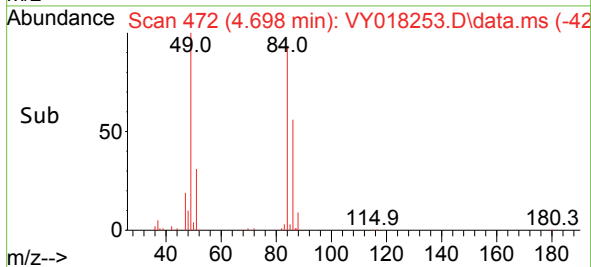
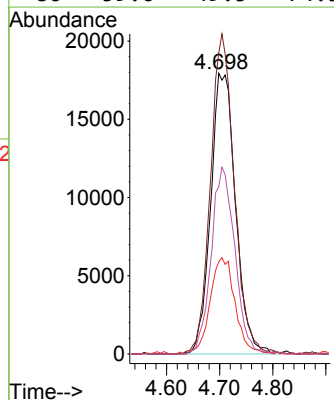
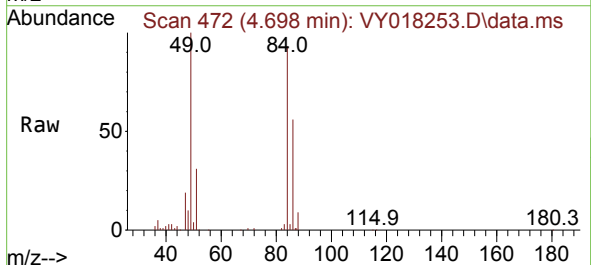
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

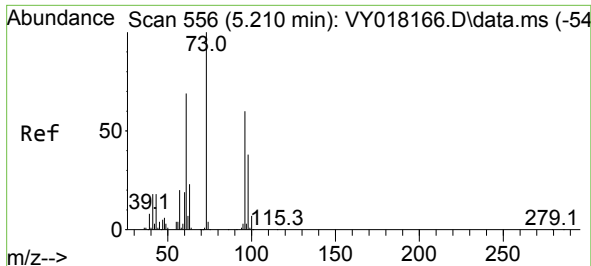
Tgt Ion: 73 Resp: 94845
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



#20
Methylene Chloride
Concen: 26.829 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 84 Resp: 58540
Ion Ratio Lower Upper
84 100
49 107.0 84.4 126.6
51 32.4 26.0 39.0
86 59.6 49.5 74.3

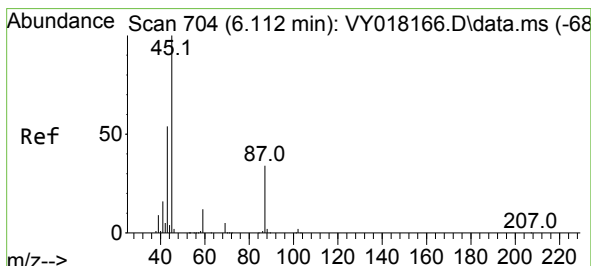
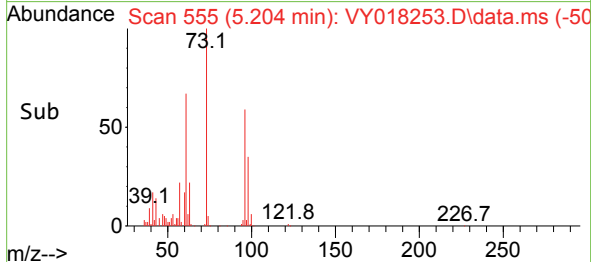
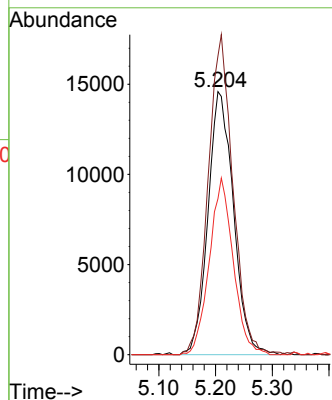
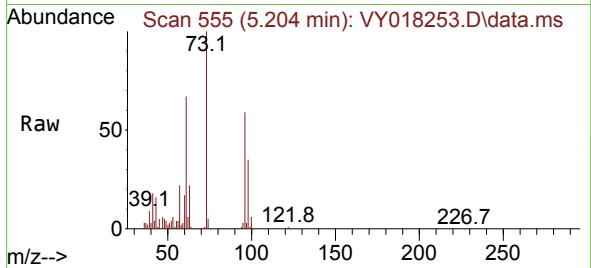




#21
trans-1,2-Dichloroethene
Concen: 21.190 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

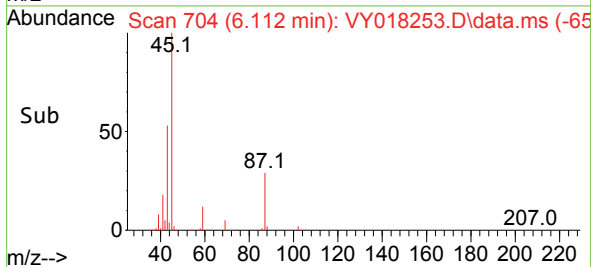
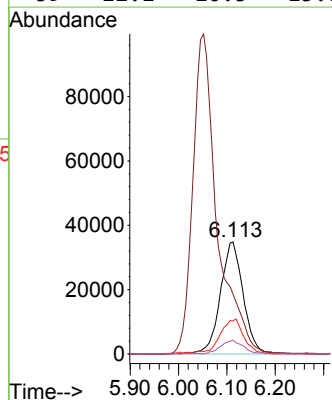
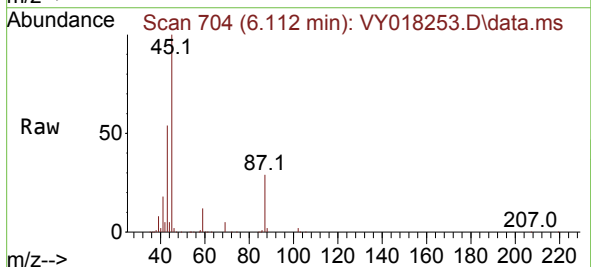
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

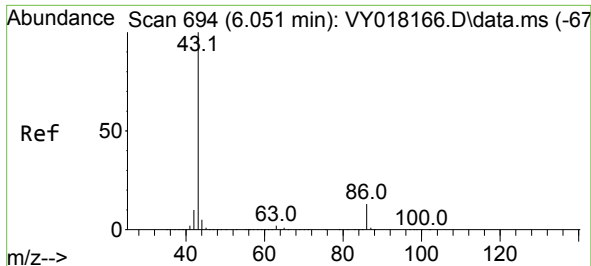
Tgt Ion: 96 Resp: 45678
Ion Ratio Lower Upper
96 100
61 113.6 97.5 146.3
98 59.3 50.5 75.7



#22
Diisopropyl ether
Concen: 20.774 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 45 Resp: 114006
Ion Ratio Lower Upper
45 100
43 52.3 42.2 63.2
87 29.4 25.0 37.6
59 12.1 10.5 15.7

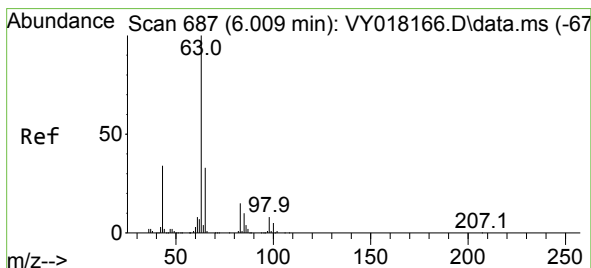
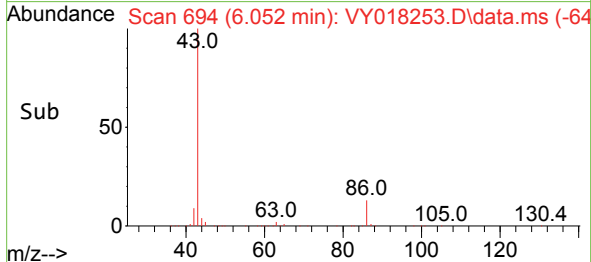
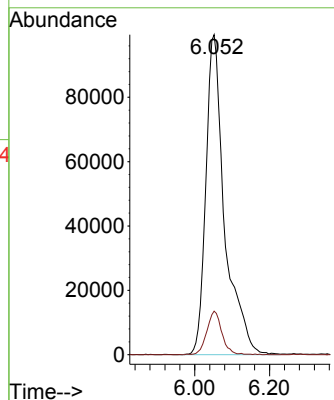
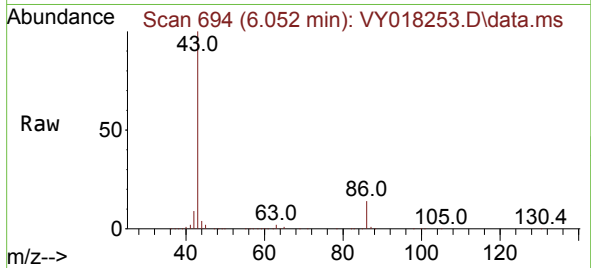




#23
 Vinyl Acetate
 Concen: 103.966 ug/l
 RT: 6.052 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018253.D
 Acq: 14 May 2024 12:45

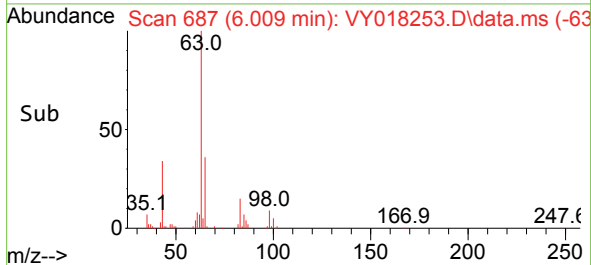
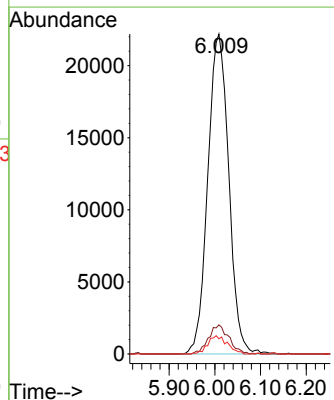
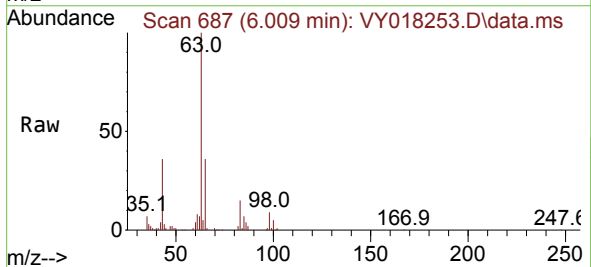
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0514SBS01

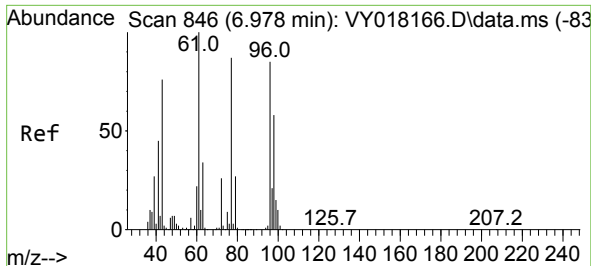
Tgt Ion: 43 Resp: 346782
 Ion Ratio Lower Upper
 43 100
 86 13.6 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 20.955 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018253.D
 Acq: 14 May 2024 12:45

Tgt Ion: 63 Resp: 70829
 Ion Ratio Lower Upper
 63 100
 98 9.1 4.0 12.2
 100 4.7 2.6 8.0

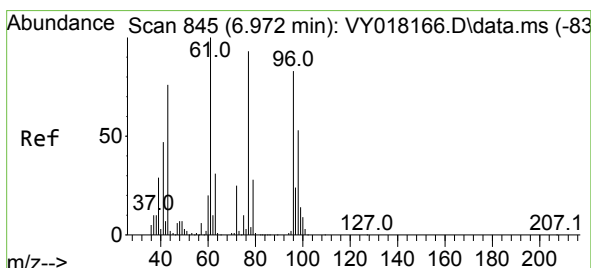
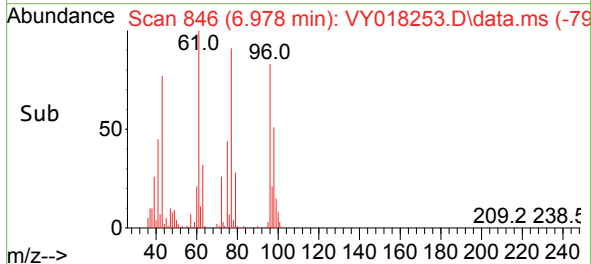
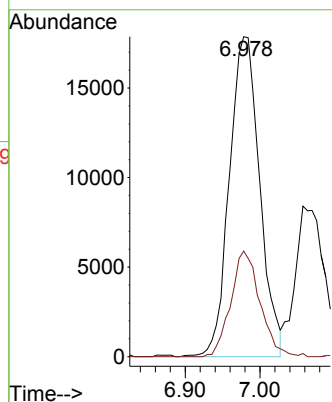
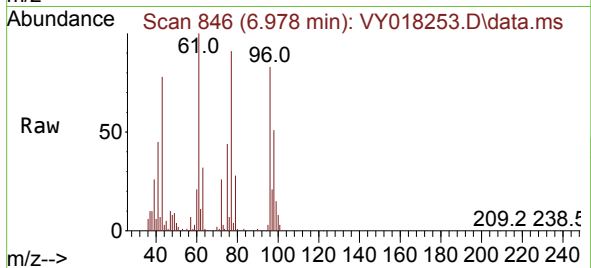




#25
2-Butanone
Concen: 102.019 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

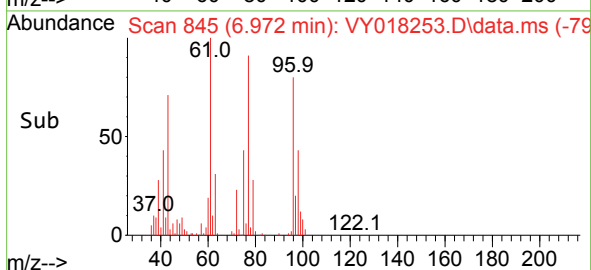
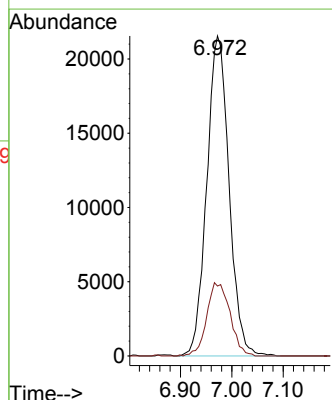
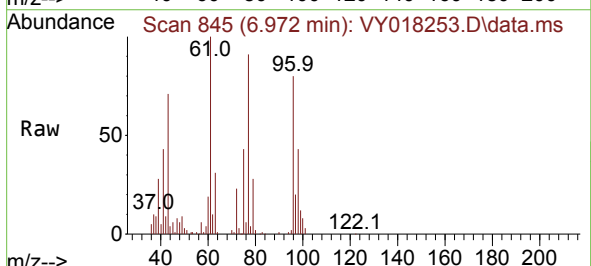
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

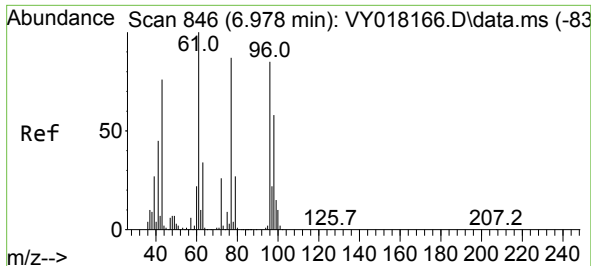
Tgt Ion: 43 Resp: 50343
Ion Ratio Lower Upper
43 100
72 33.0 27.3 40.9



#26
2,2-Dichloropropane
Concen: 21.245 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 77 Resp: 64993
Ion Ratio Lower Upper
77 100
97 23.9 12.0 36.1

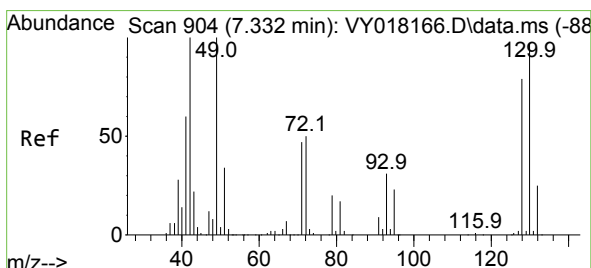
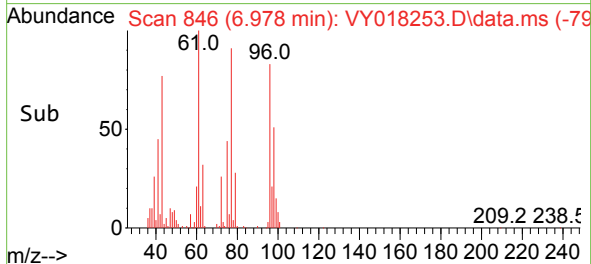
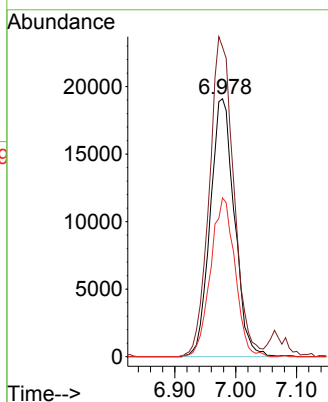
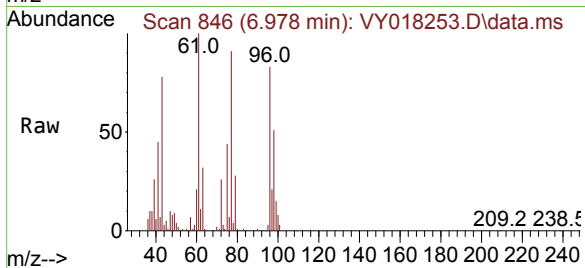




#27
 cis-1,2-Dichloroethene
 Concen: 20.716 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018253.D
 Acq: 14 May 2024 12:45

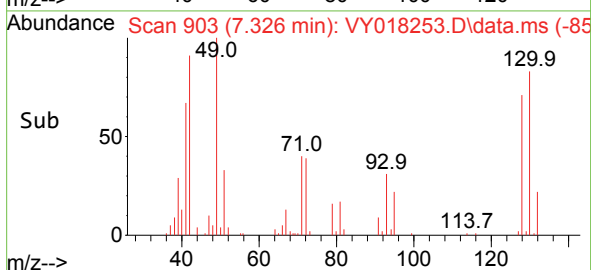
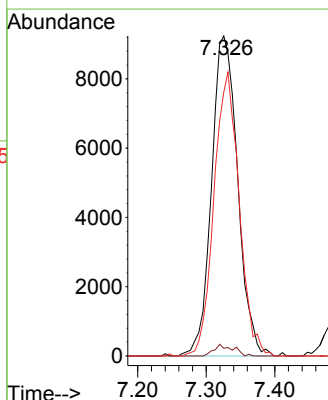
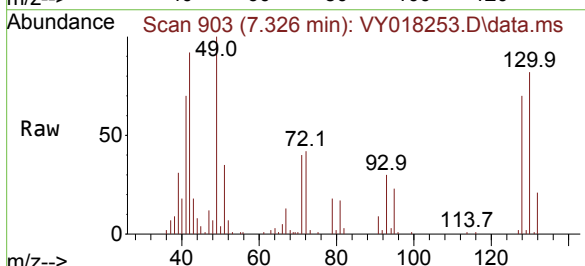
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0514SBS01

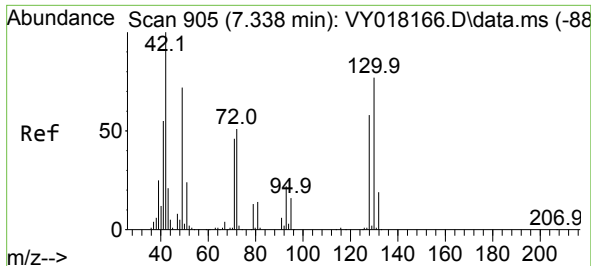
Tgt Ion: 96 Resp: 52774
 Ion Ratio Lower Upper
 96 100
 61 125.3 0.0 256.2
 98 62.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 18.088 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018253.D
 Acq: 14 May 2024 12:45

Tgt Ion: 49 Resp: 24437
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 85.4 72.7 109.1





#29

Tetrahydrofuran

Concen: 103.456 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

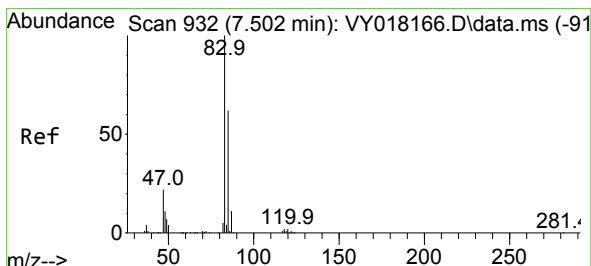
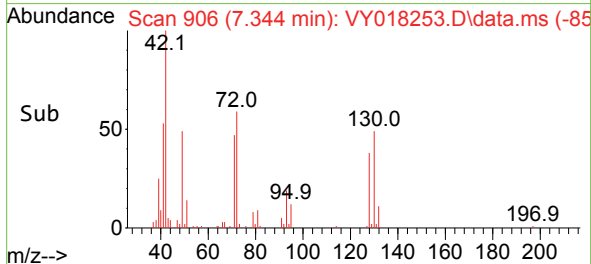
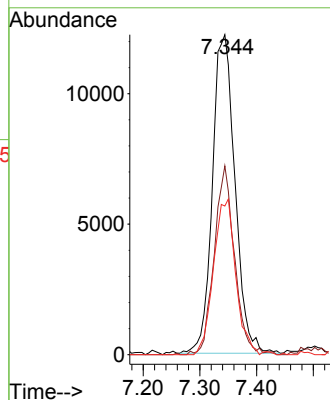
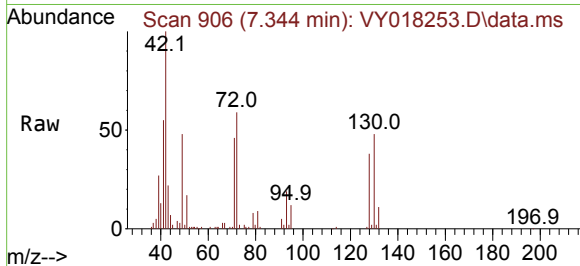
Tgt Ion: 42 Resp: 33699

Ion Ratio Lower Upper

42 100

72 53.5 43.0 64.4

71 47.9 40.8 61.2



#30

Chloroform

Concen: 20.907 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.006 min

Lab File: VY018253.D

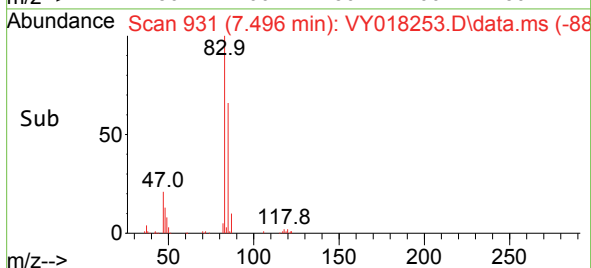
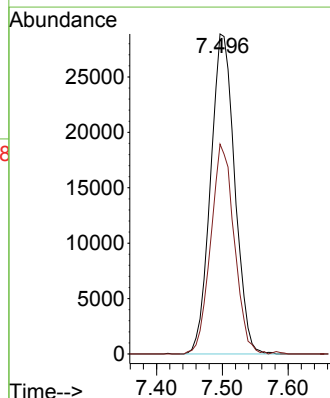
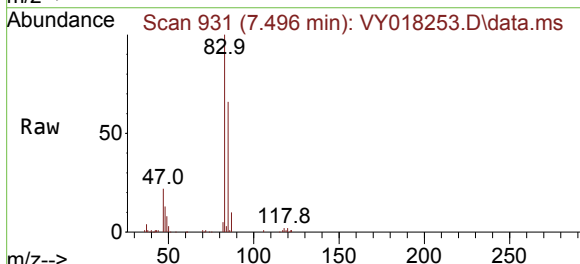
Acq: 14 May 2024 12:45

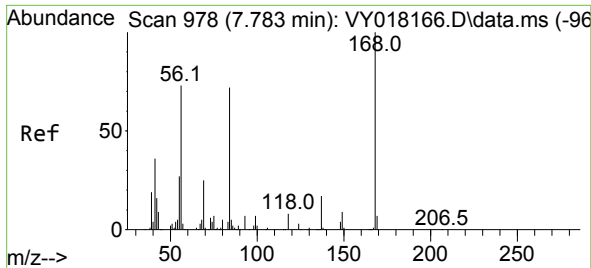
Tgt Ion: 83 Resp: 73773

Ion Ratio Lower Upper

83 100

85 65.6 52.2 78.4

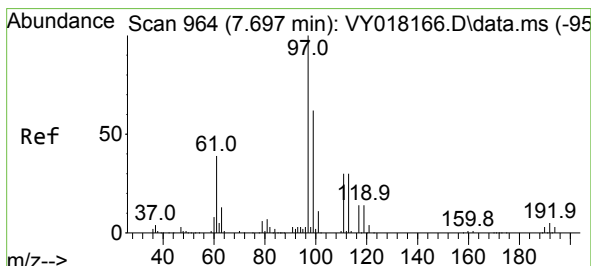
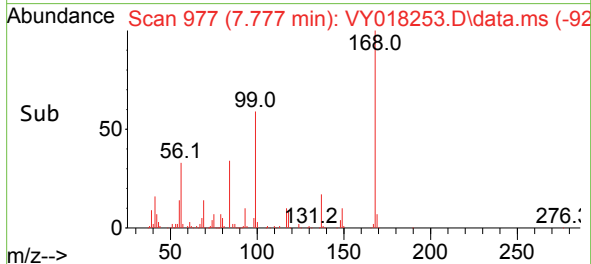
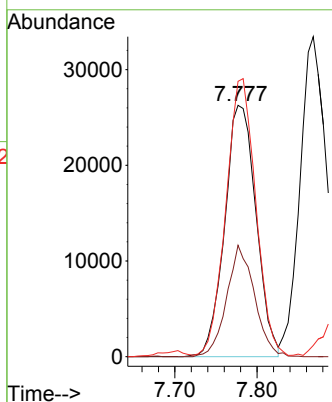
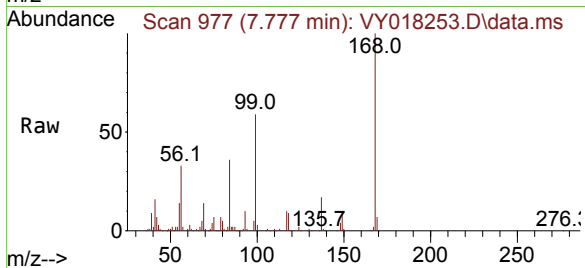




#31
Cyclohexane
Concen: 21.935 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

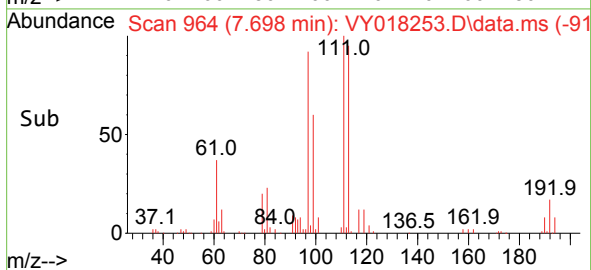
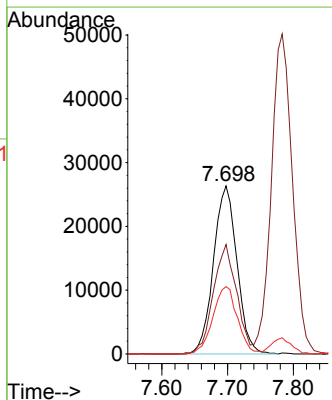
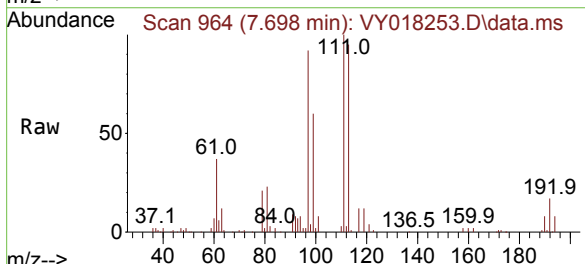
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

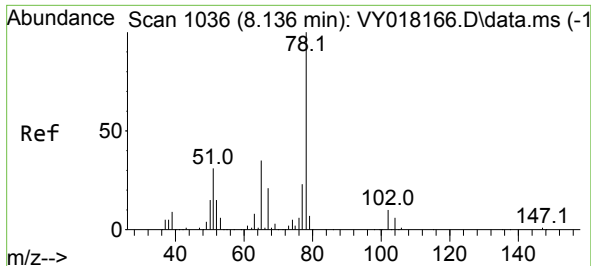
Tgt Ion: 56 Resp: 69652
Ion Ratio Lower Upper
56 100
69 44.3 28.7 43.1#
84 107.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 20.692 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 97 Resp: 65442
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 41.9 32.6 48.8

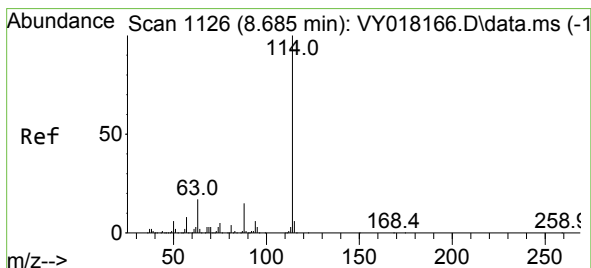
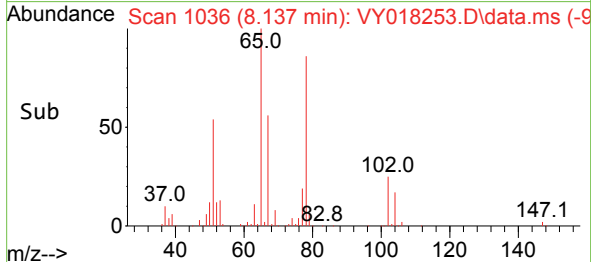
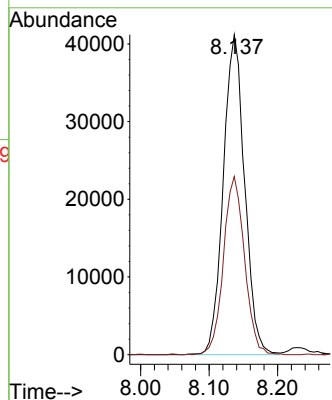
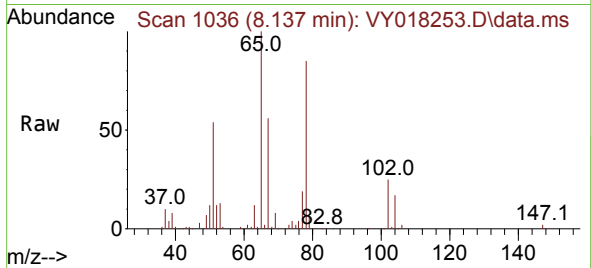




#33
1,2-Dichloroethane-d4
Concen: 57.605 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

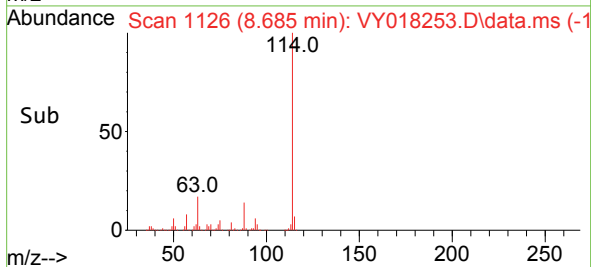
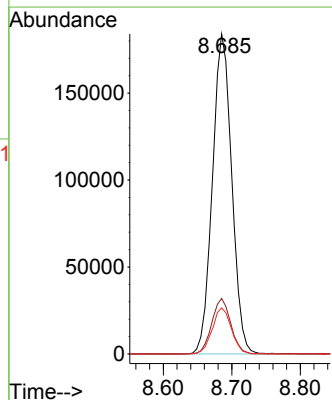
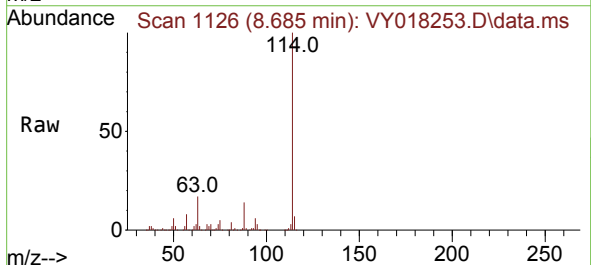
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

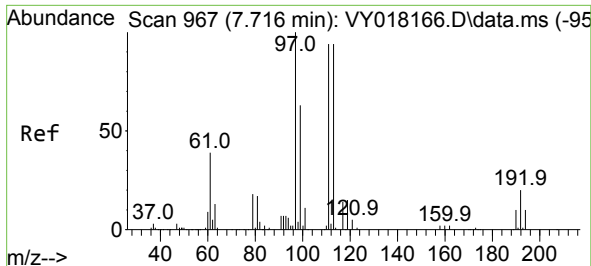
Tgt Ion: 65 Resp: 89111
Ion Ratio Lower Upper
65 100
67 55.0 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 114 Resp: 359434
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 14.4 0.0 27.2

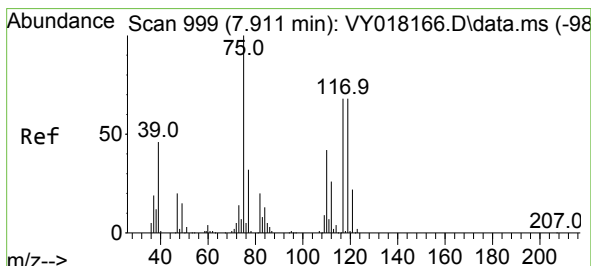
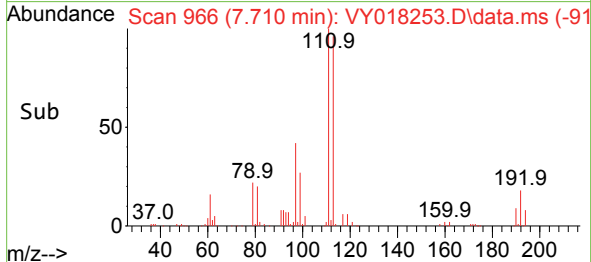
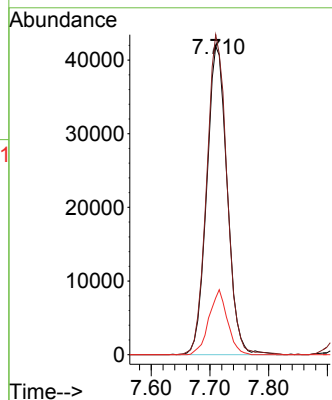
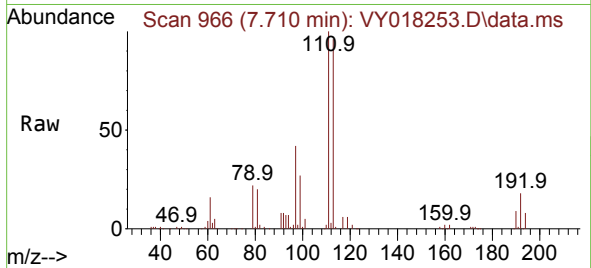




#35
Dibromofluoromethane
Concen: 53.688 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

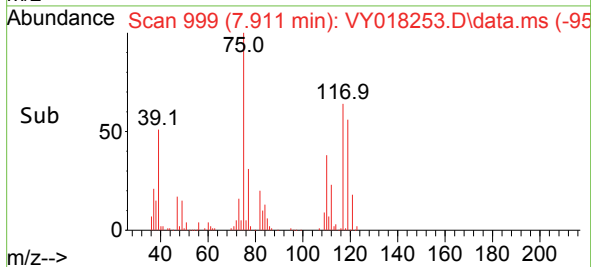
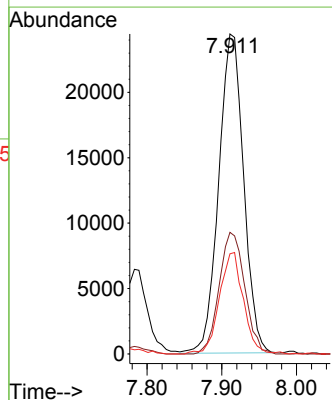
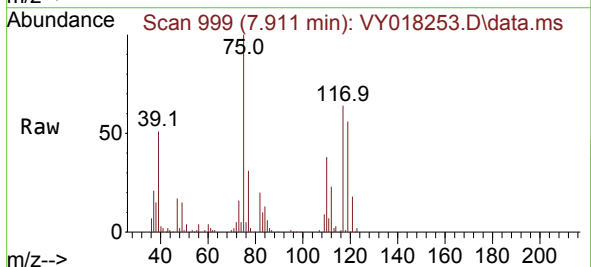
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

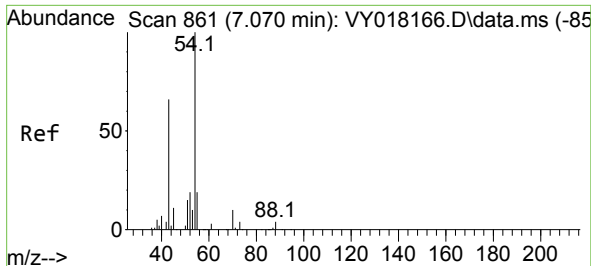
Tgt Ion:113 Resp: 101416
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 19.0 15.9 23.9



#36
1,1-Dichloropropene
Concen: 20.901 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 75 Resp: 56599
Ion Ratio Lower Upper
75 100
110 39.2 19.0 57.0
77 30.8 25.3 37.9

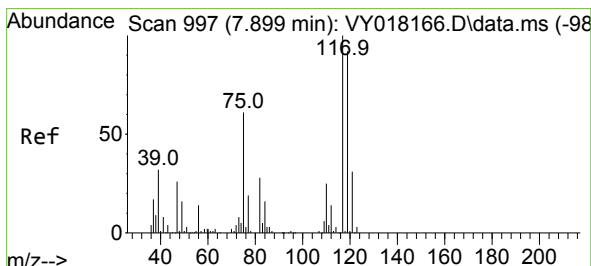
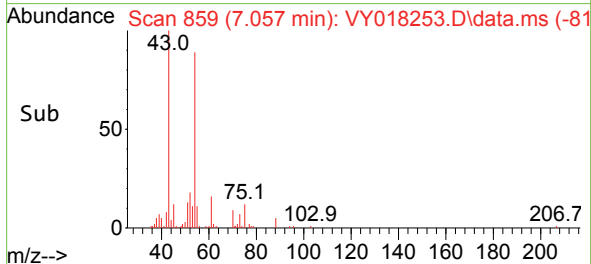
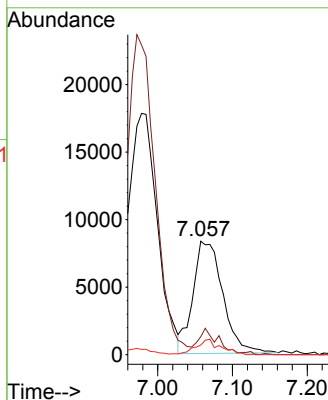
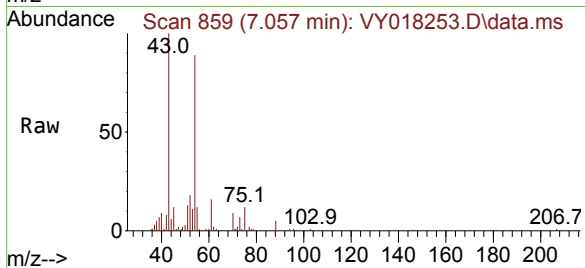




#37
Ethyl Acetate
Concen: 20.194 ug/l
RT: 7.057 min Scan# 81
Delta R.T. -0.012 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

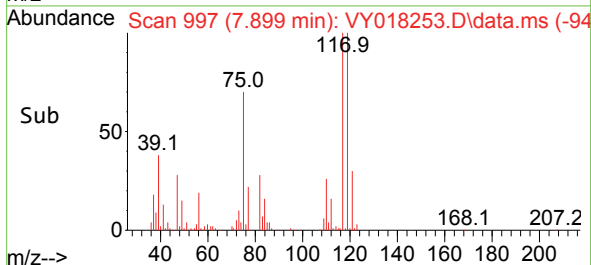
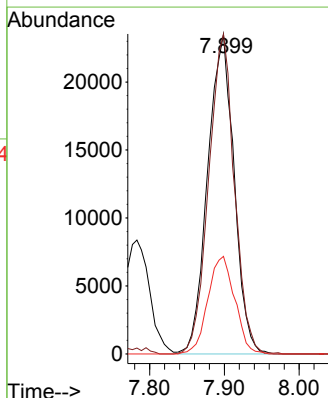
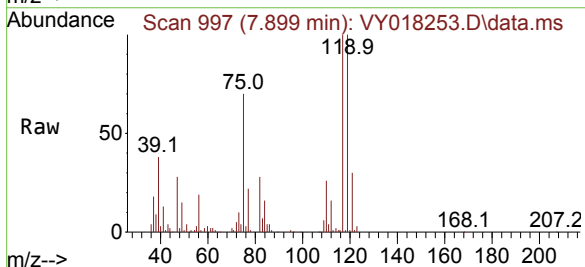
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

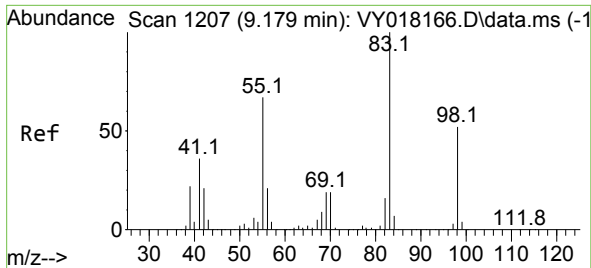
Tgt Ion: 43 Resp: 23017
Ion Ratio Lower Upper
43 100
61 12.8 12.6 19.0
70 11.2 7.8 11.8



#38
Carbon Tetrachloride
Concen: 19.489 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 117 Resp: 57666
Ion Ratio Lower Upper
117 100
119 99.9 75.8 113.6
121 30.5 24.0 36.0





#39

Methylcyclohexane

Concen: 20.186 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

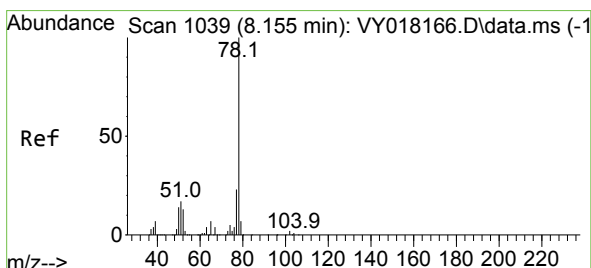
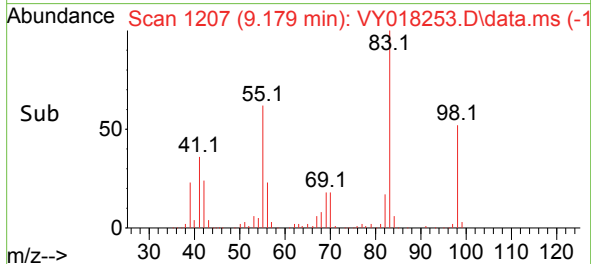
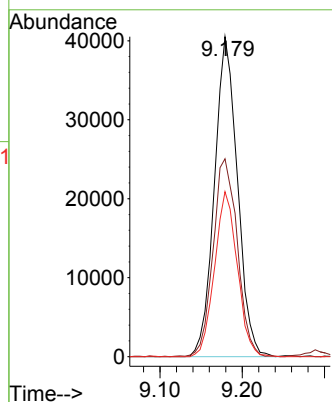
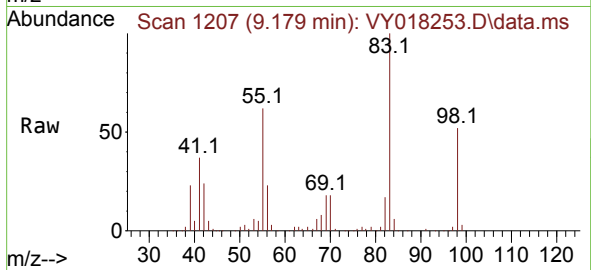
Tgt Ion: 83 Resp: 78860

Ion Ratio Lower Upper

83 100

55 61.9 51.5 77.3

98 51.5 40.5 60.7



#40

Benzene

Concen: 20.250 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018253.D

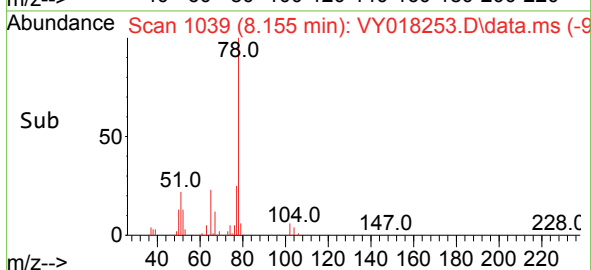
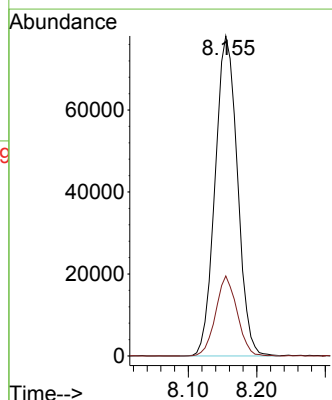
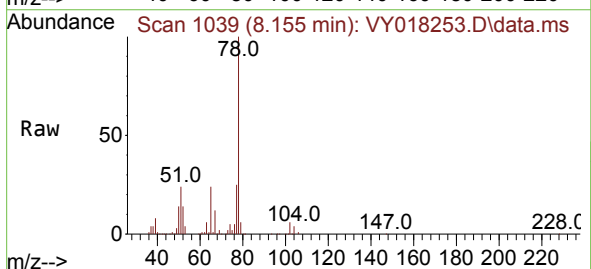
Acq: 14 May 2024 12:45

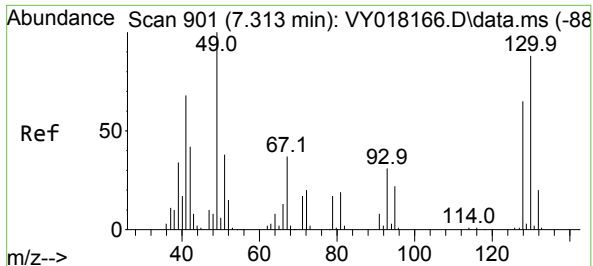
Tgt Ion: 78 Resp: 176387

Ion Ratio Lower Upper

78 100

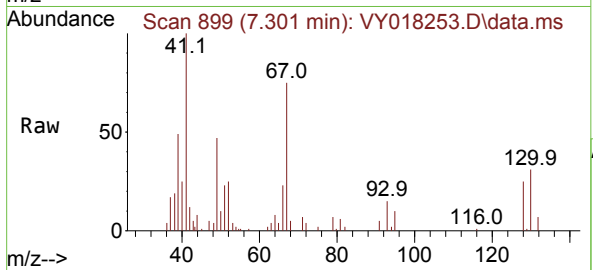
77 25.0 19.5 29.3



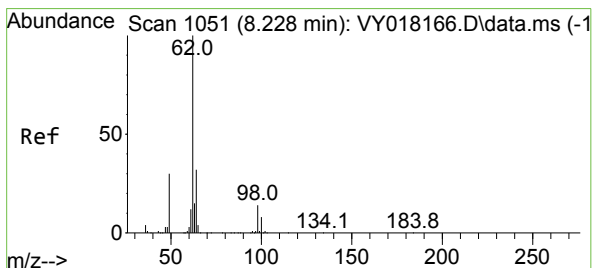
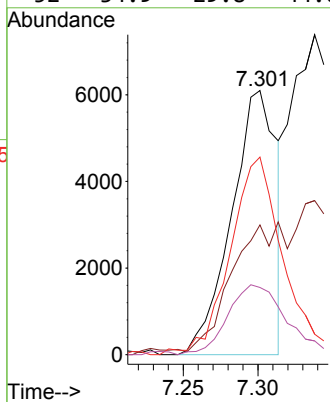
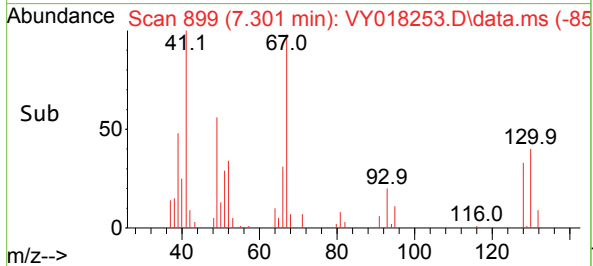


#41
Methacrylonitrile
Concen: 19.389 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

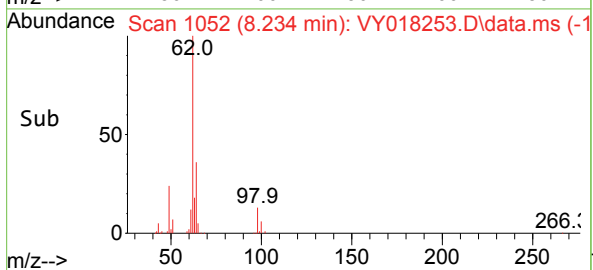
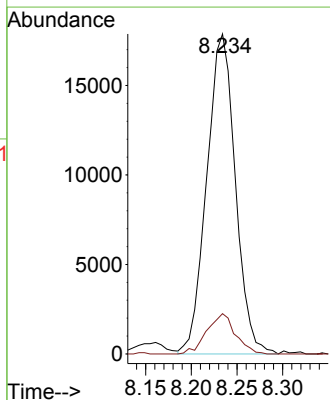
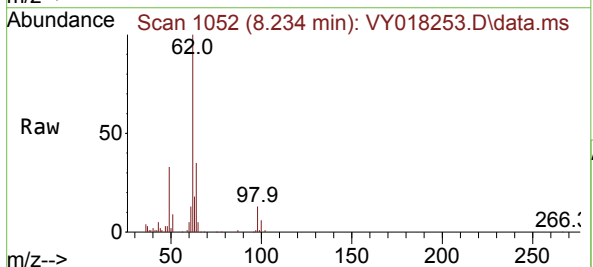


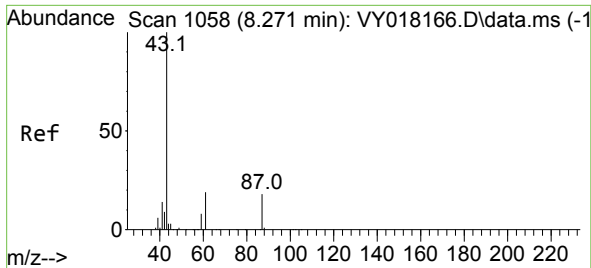
Tgt Ion:	41	Resp:	12761
Ion	Ratio	Lower	Upper
41	100		
39	41.6	48.0	72.0
67	88.4	75.1	112.7
52	34.9	29.8	44.6



#42
1,2-Dichloroethane
Concen: 20.557 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion:	62	Resp:	38960
Ion	Ratio	Lower	Upper
62	100		
98	12.5	0.0	22.0

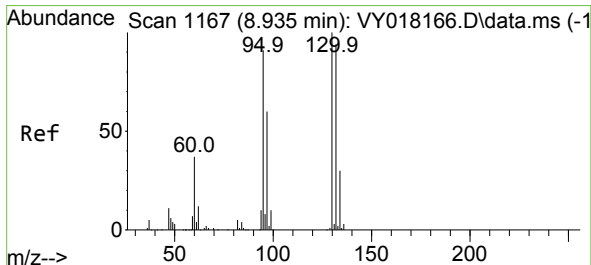
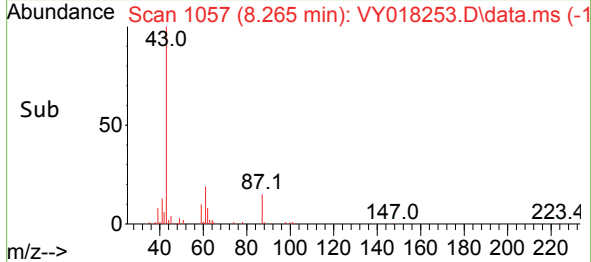
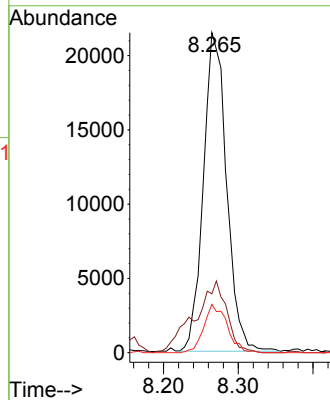
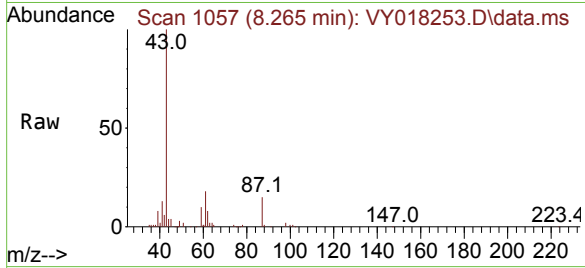




#43
Isopropyl Acetate
Concen: 19.823 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

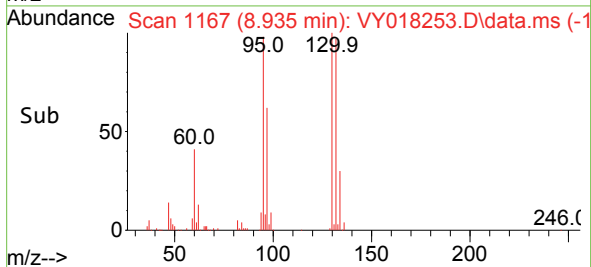
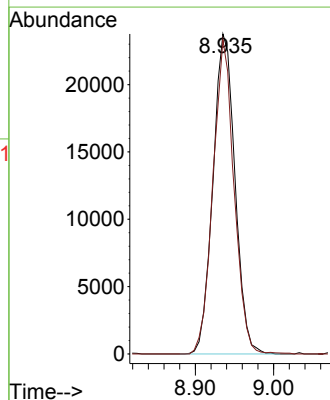
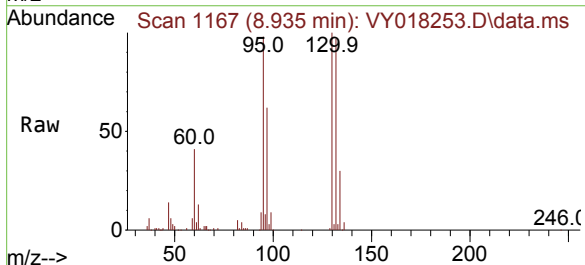
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

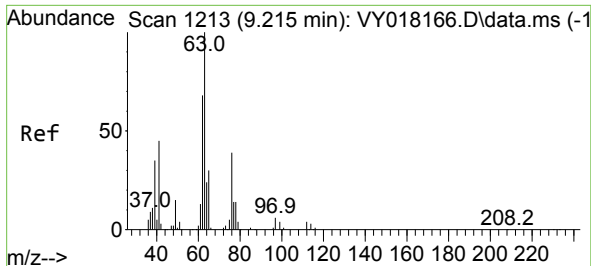
Tgt Ion: 43 Resp: 46310
Ion Ratio Lower Upper
43 100
61 31.4 27.9 41.9
87 15.2 13.1 19.7



#44
Trichloroethene
Concen: 19.551 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion:130 Resp: 46361
Ion Ratio Lower Upper
130 100
95 98.1 0.0 188.0

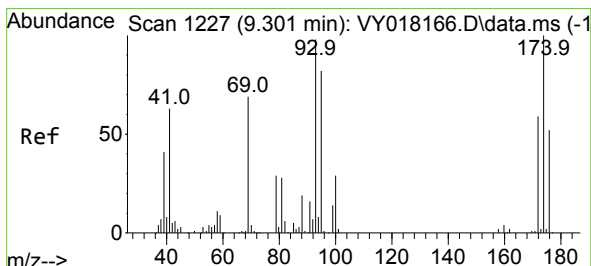
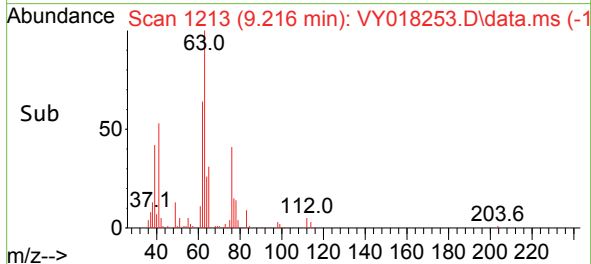
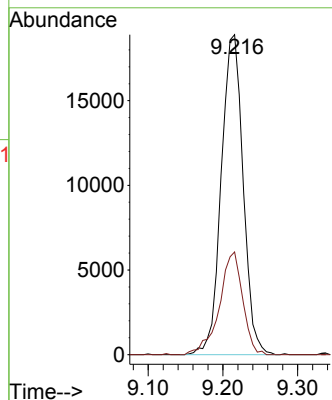
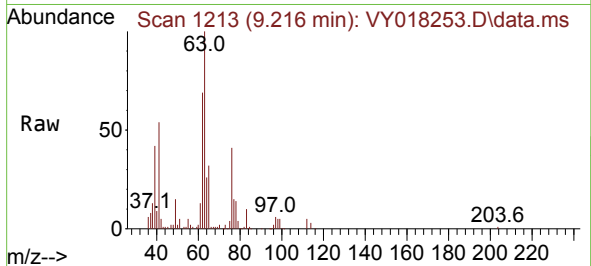




#45
1,2-Dichloropropane
Concen: 20.180 ug/l
RT: 9.216 min Scan# 1213
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

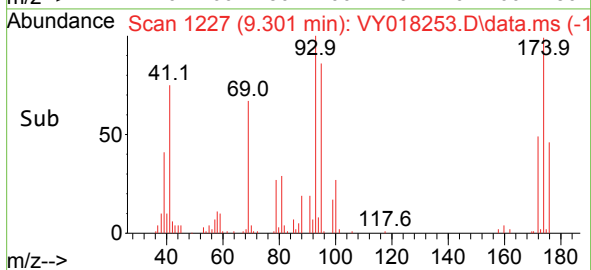
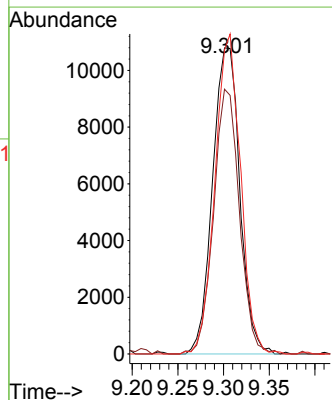
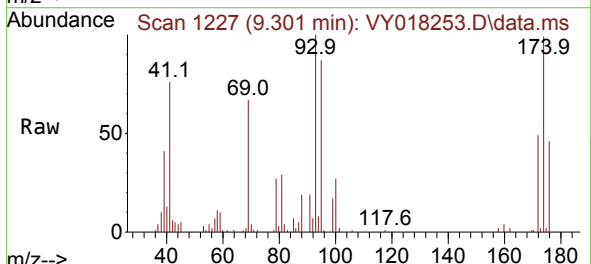
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

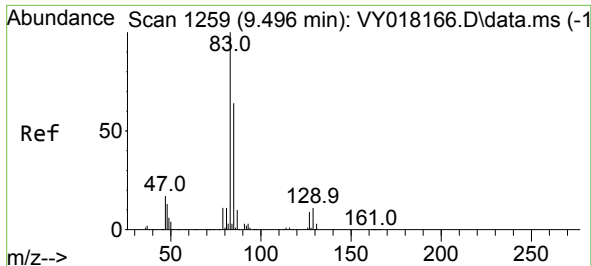
Tgt Ion: 63 Resp: 38430
Ion Ratio Lower Upper
63 100
65 32.1 25.4 38.2



#46
Dibromomethane
Concen: 20.427 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 93 Resp: 22363
Ion Ratio Lower Upper
93 100
95 82.2 66.2 99.4
174 98.2 80.9 121.3

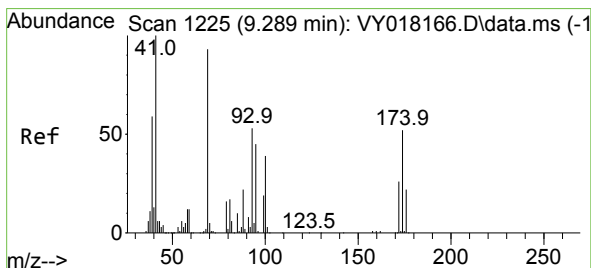
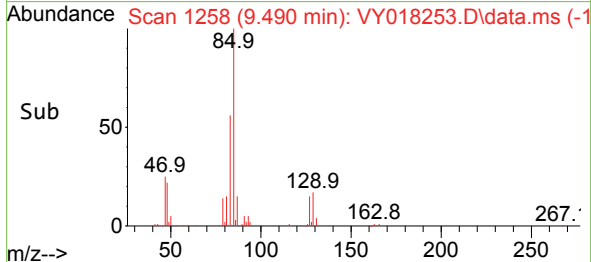
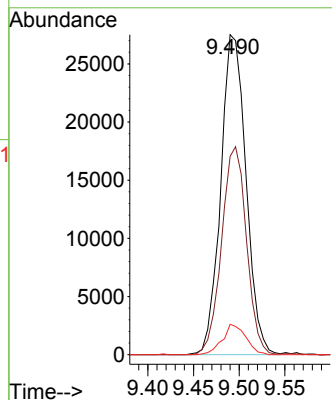
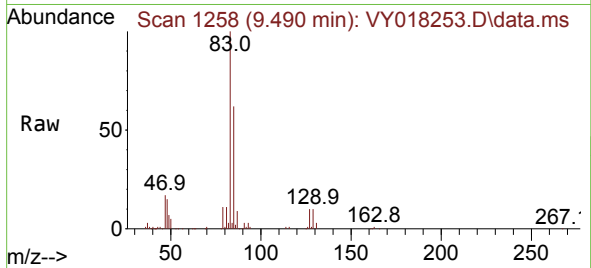




#47
Bromodichloromethane
Concen: 19.566 ug/l
RT: 9.490 min Scan# 1259
Delta R.T. -0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

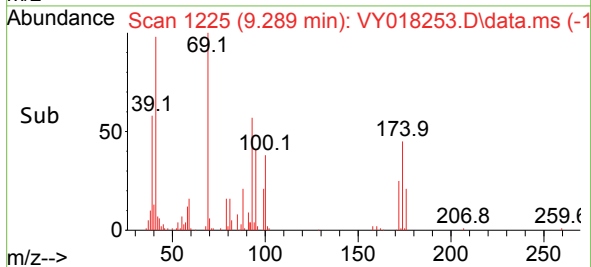
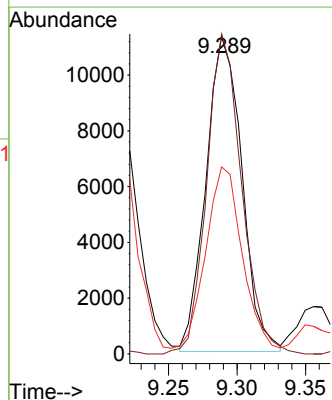
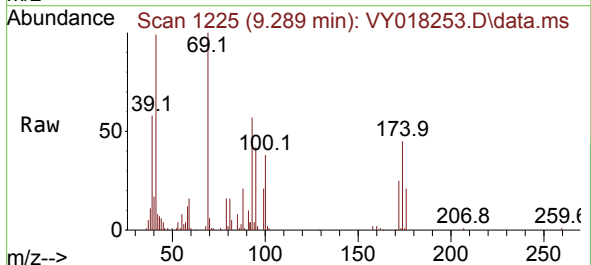
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

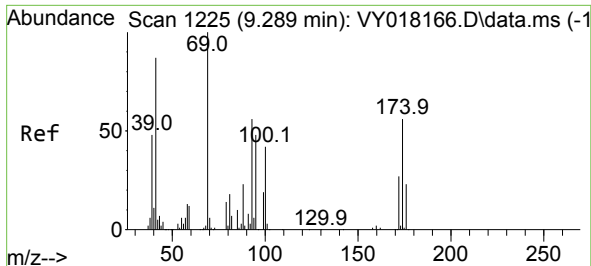
Tgt Ion: 83	Resp: 52955
Ion Ratio	Lower Upper
83 100	
85 62.0	50.1 75.1
127 9.5	7.4 11.0



#48
Methyl methacrylate
Concen: 19.218 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 41	Resp: 20577
Ion Ratio	Lower Upper
41 100	
69 99.0	84.1 126.1
39 57.7	43.6 65.4

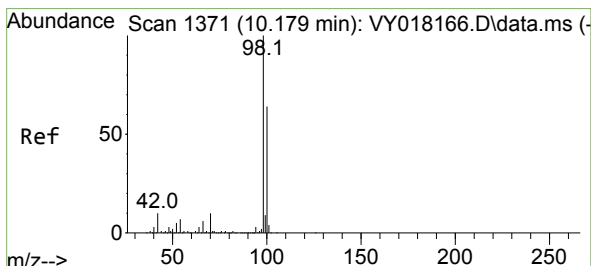
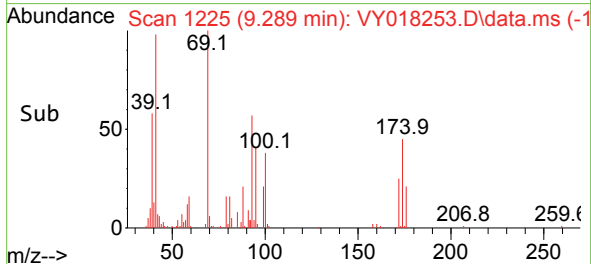
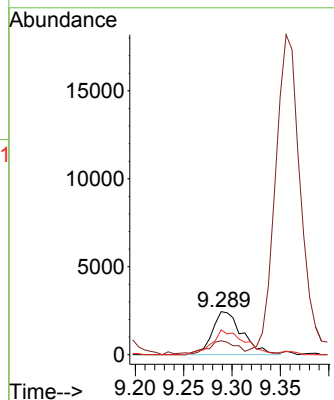
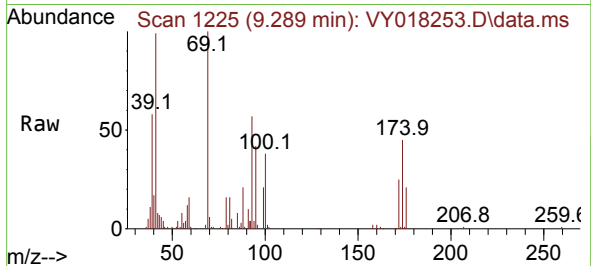




#49
1,4-Dioxane
Concen: 364.509 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

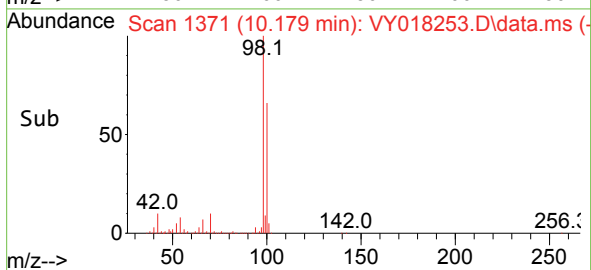
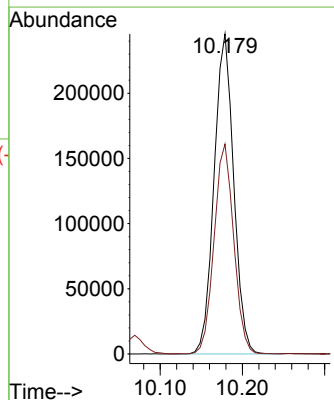
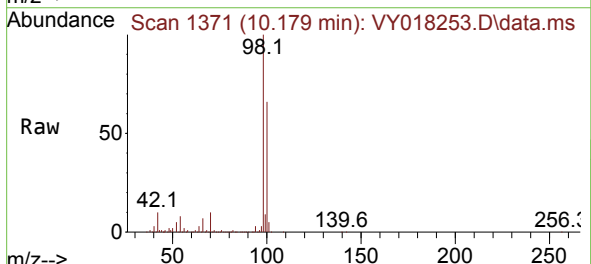
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

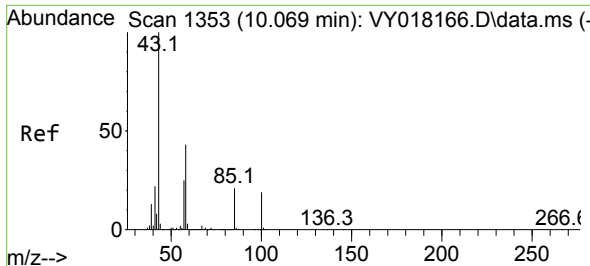
Tgt Ion: 88 Resp: 5297
Ion Ratio Lower Upper
88 100
43 26.3 0.0 0.0#
58 61.7 49.3 73.9



#50
Toluene-d8
Concen: 54.585 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 98 Resp: 406321
Ion Ratio Lower Upper
98 100
100 65.7 52.0 78.0

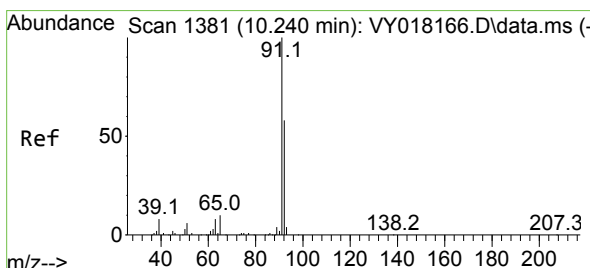
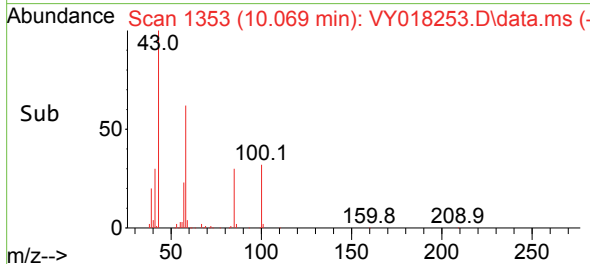
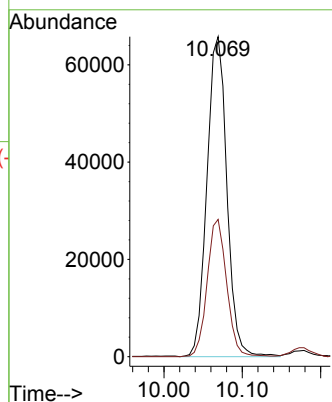
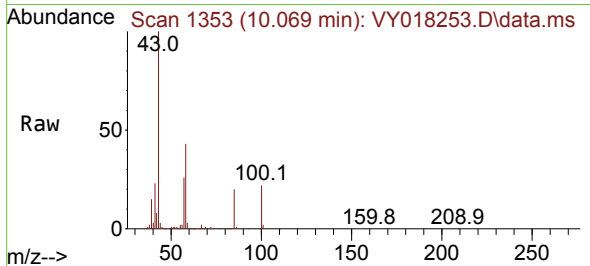




#51
4-Methyl-2-Pentanone
Concen: 99.092 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

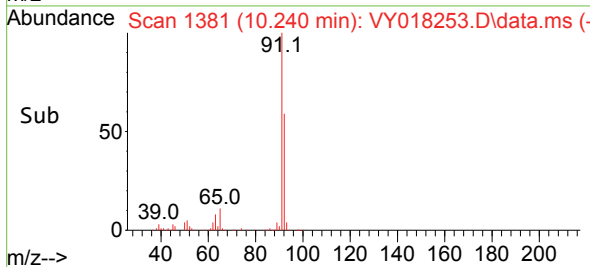
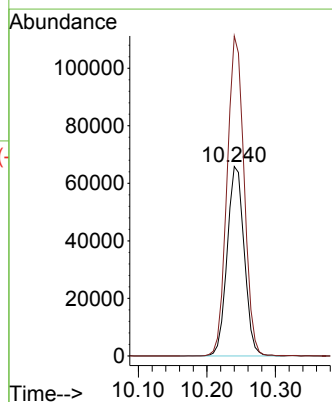
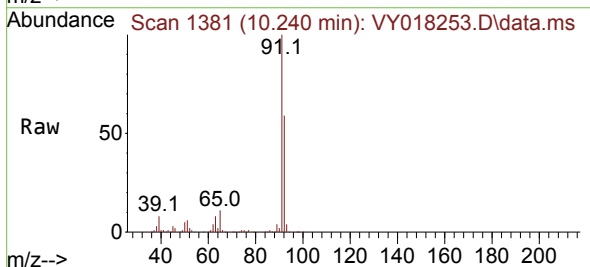
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

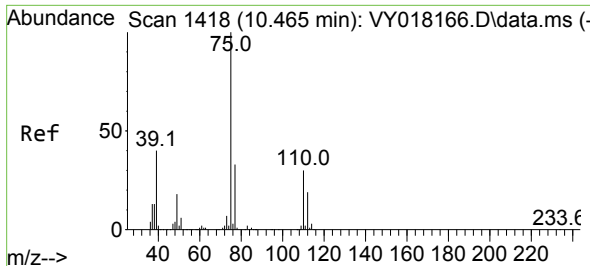
Tgt Ion: 43 Resp: 116354
Ion Ratio Lower Upper
43 100
58 41.9 35.7 53.5



#52
Toluene
Concen: 20.275 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 92 Resp: 113694
Ion Ratio Lower Upper
92 100
91 168.5 139.0 208.6

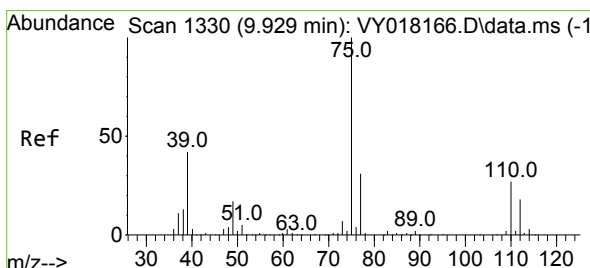
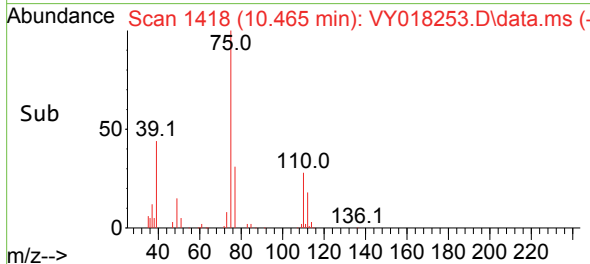
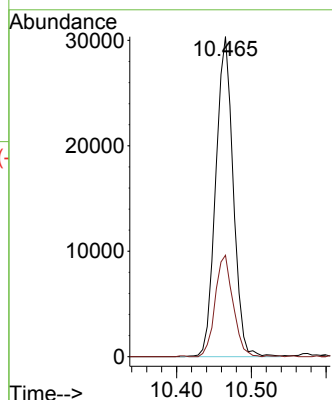
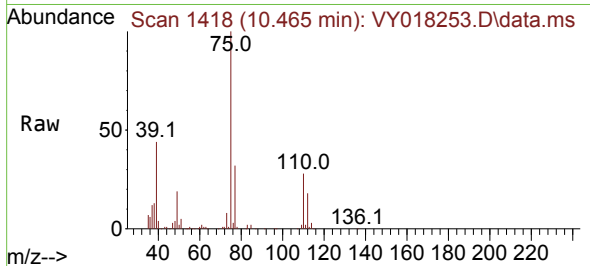




#53
t-1,3-Dichloropropene
Concen: 19.539 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

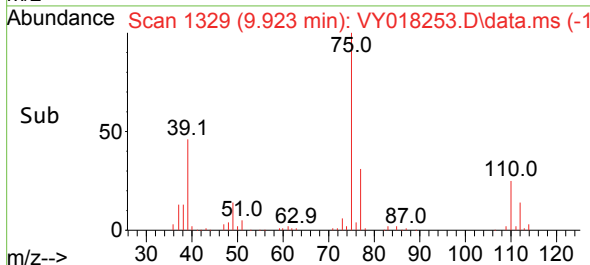
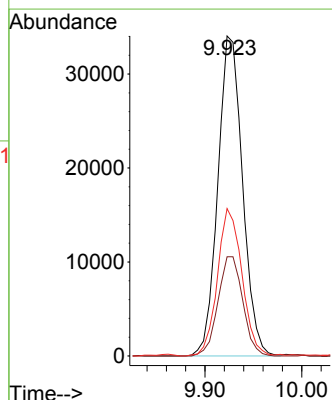
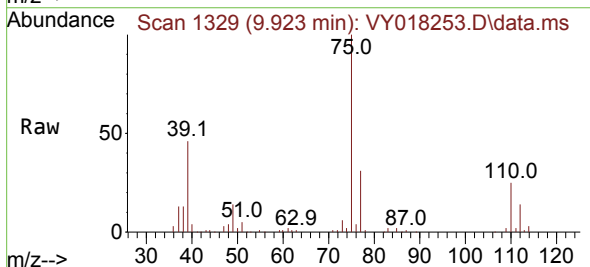
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

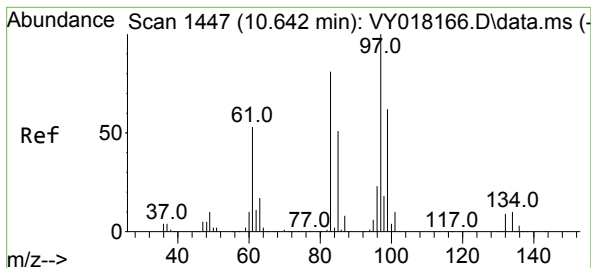
Tgt Ion: 75 Resp: 49394
Ion Ratio Lower Upper
75 100
77 31.4 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 19.539 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 75 Resp: 60378
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0
39 46.1 29.8 44.6#





#55

1,1,2-Trichloroethane

Concen: 19.916 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

Tgt Ion: 97 Resp: 29952

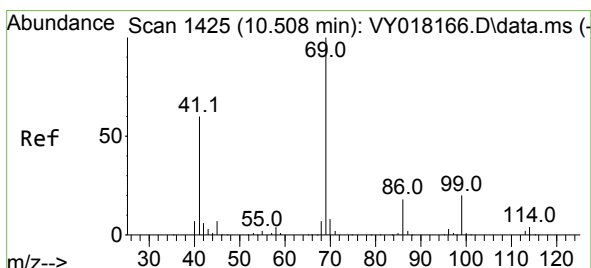
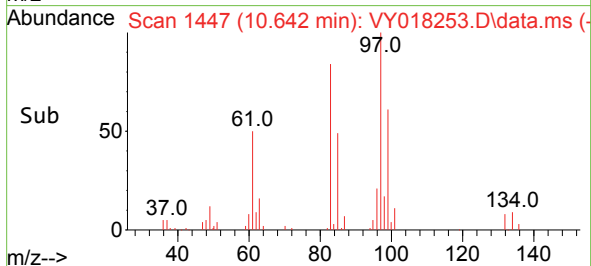
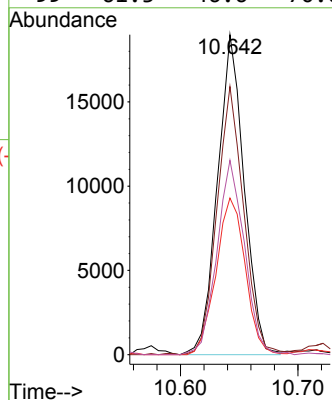
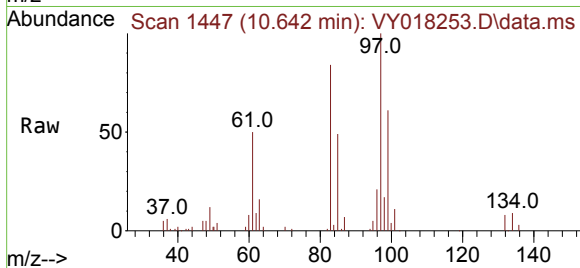
Ion Ratio Lower Upper

97 100

83 84.5 67.5 101.3

85 49.4 42.9 64.3

99 61.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 19.513 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

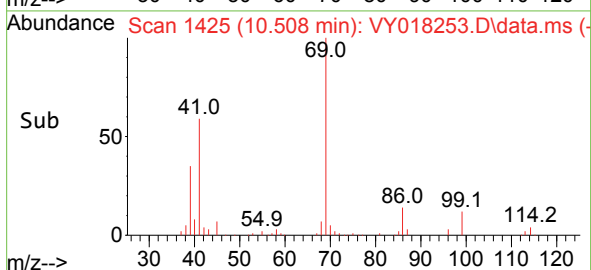
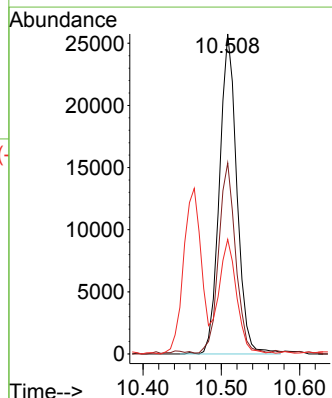
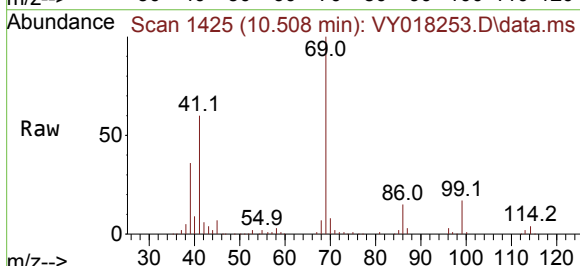
Tgt Ion: 69 Resp: 39856

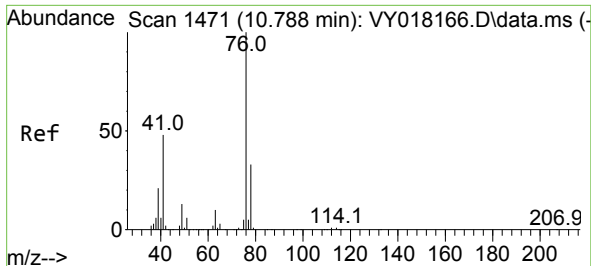
Ion Ratio Lower Upper

69 100

41 57.8 42.3 63.5

39 36.4 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 19.689 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

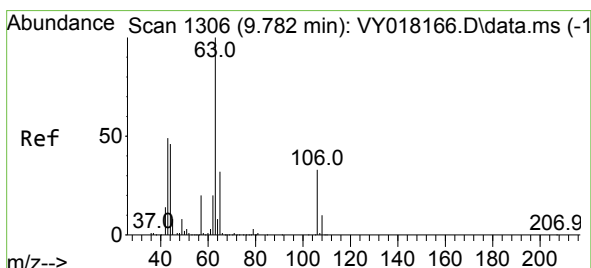
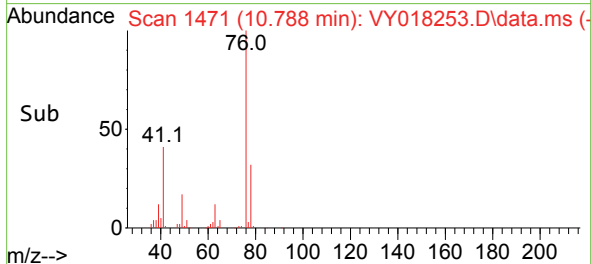
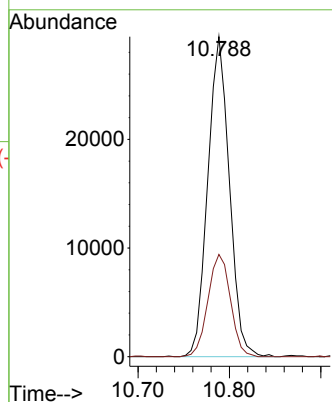
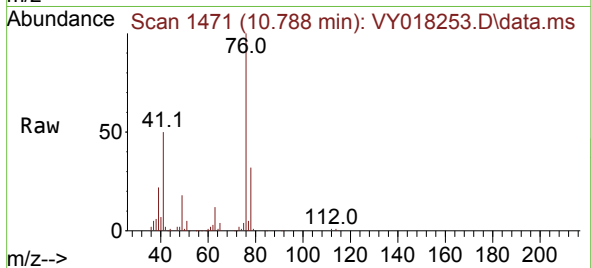
VY0514SBS01

Tgt Ion: 76 Resp: 48193

Ion Ratio Lower Upper

76 100

78 33.3 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 91.226 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018253.D

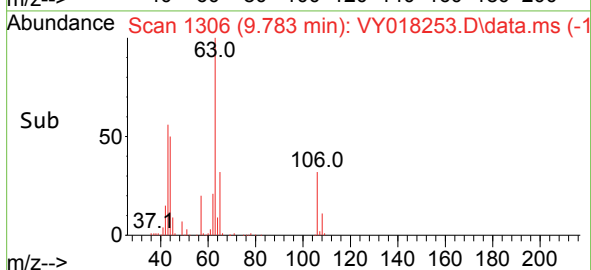
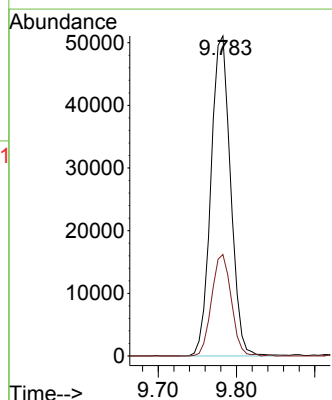
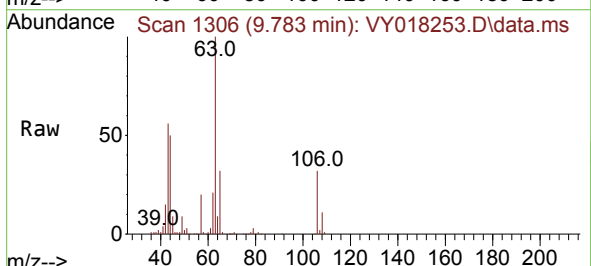
Acq: 14 May 2024 12:45

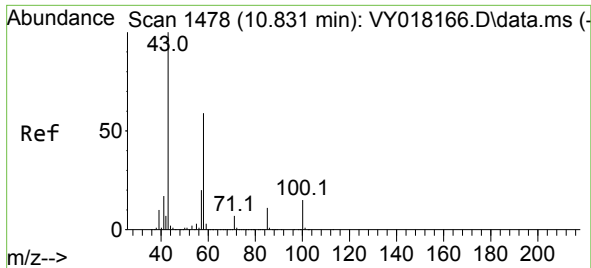
Tgt Ion: 63 Resp: 88974

Ion Ratio Lower Upper

63 100

106 31.7 23.7 35.5

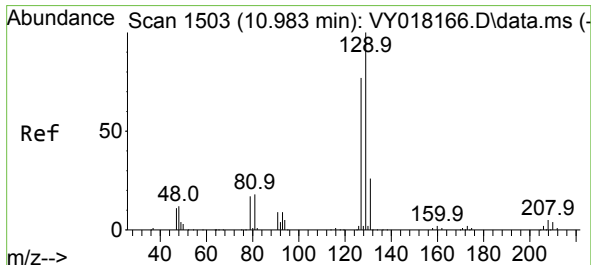
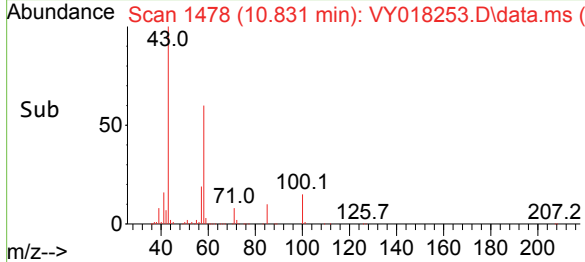
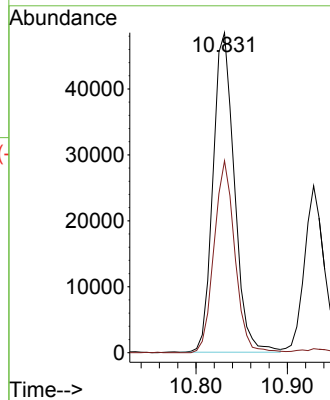
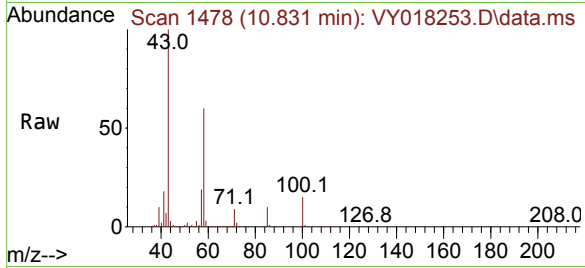




#59
2-Hexanone
Concen: 95.972 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

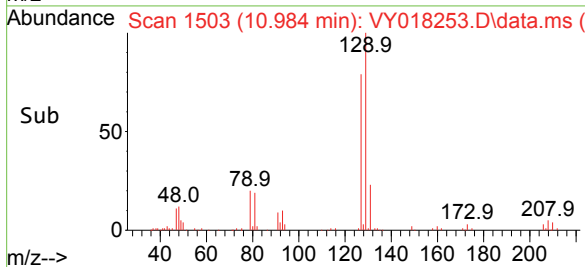
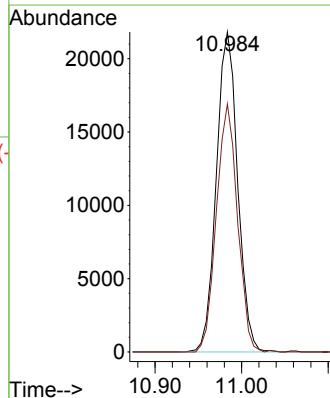
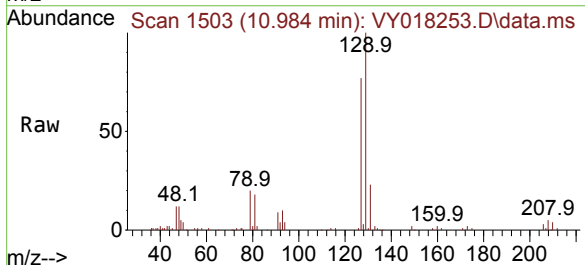
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

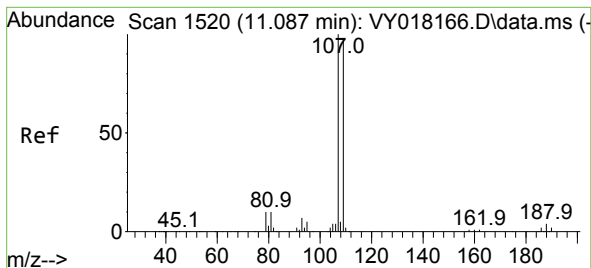
Tgt Ion: 43 Resp: 78794
Ion Ratio Lower Upper
43 100
58 58.6 31.4 94.0



#60
Dibromochloromethane
Concen: 19.117 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 129 Resp: 37302
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 19.378 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

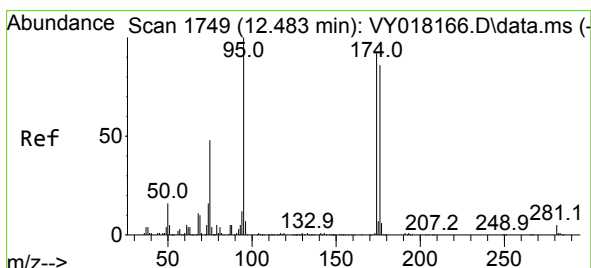
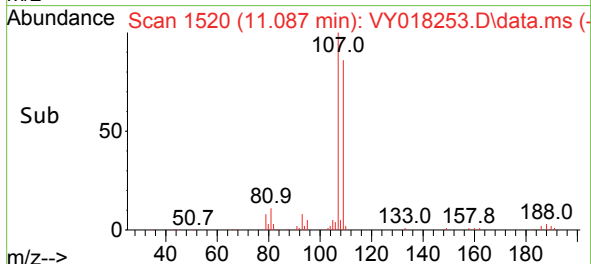
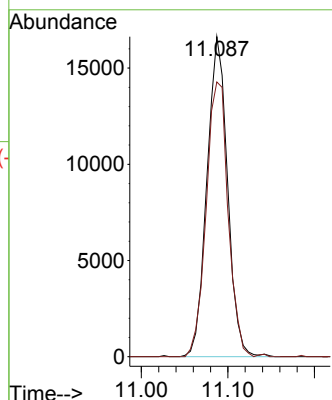
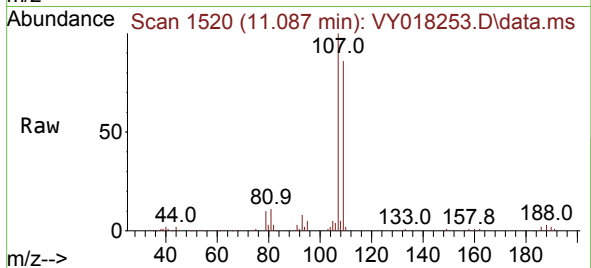
VY0514SBS01

Tgt Ion:107 Resp: 27450

Ion Ratio Lower Upper

107 100

109 91.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 51.984 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

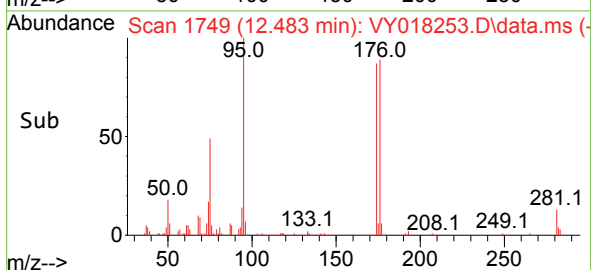
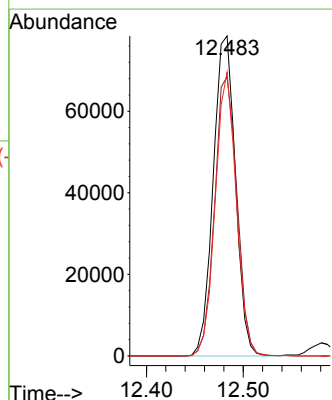
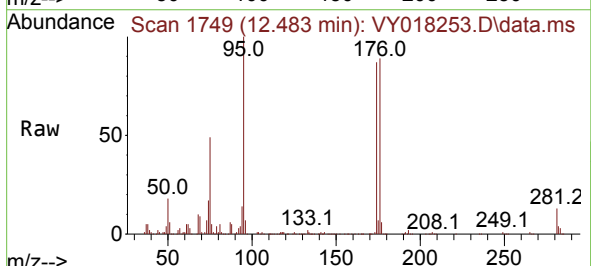
Tgt Ion: 95 Resp: 124966

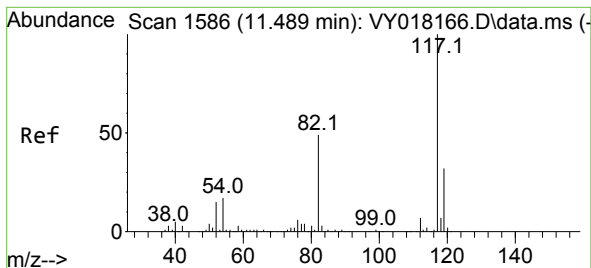
Ion Ratio Lower Upper

95 100

174 88.1 0.0 175.6

176 84.1 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: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

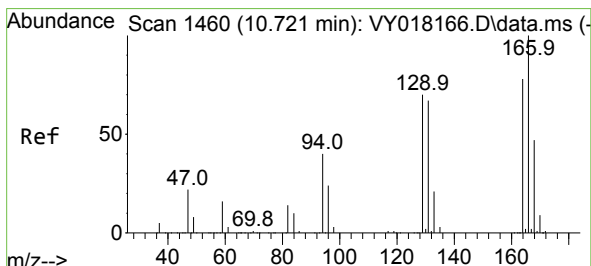
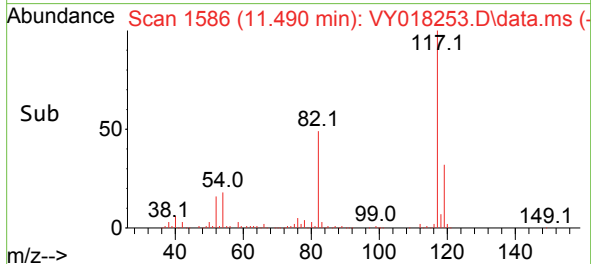
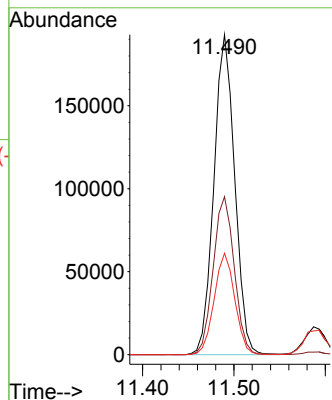
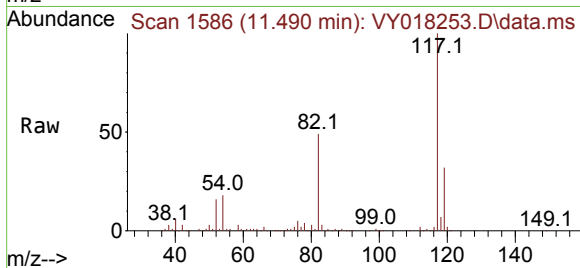
Tgt Ion:117 Resp: 305060

Ion Ratio Lower Upper

117 100

82 49.3 42.4 63.6

119 31.7 25.9 38.9



#64

Tetrachloroethene

Concen: 19.686 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Tgt Ion:164 Resp: 39985

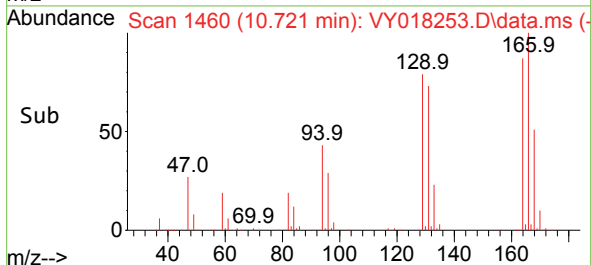
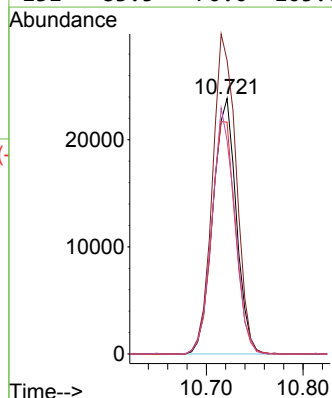
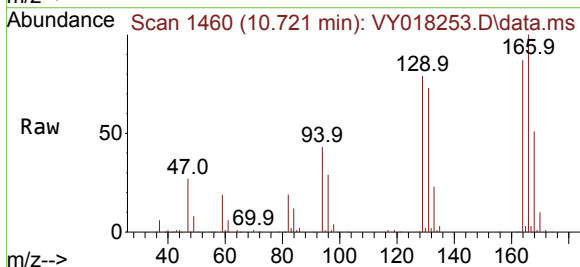
Ion Ratio Lower Upper

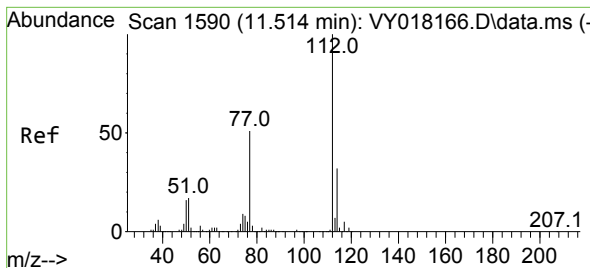
164 100

166 114.9 102.6 154.0

129 90.7 72.0 108.0

131 83.5 70.0 105.0

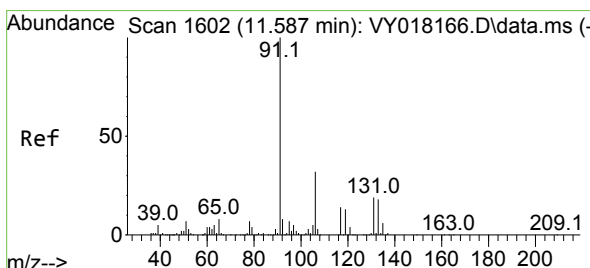
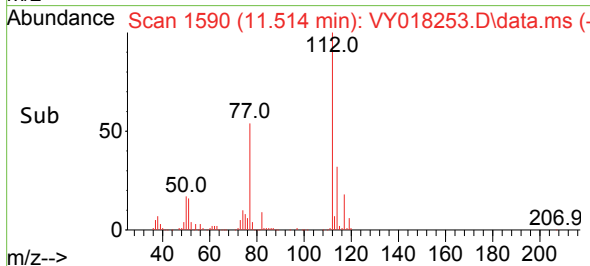
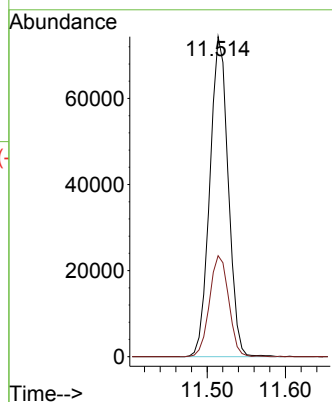
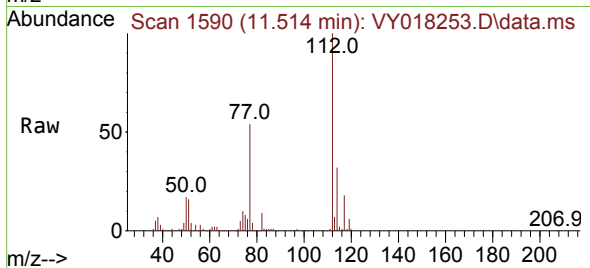




#65
Chlorobenzene
Concen: 19.530 ug/l
RT: 11.514 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

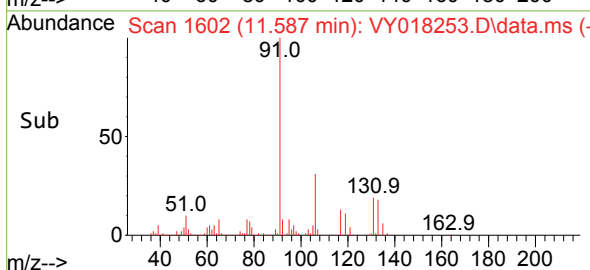
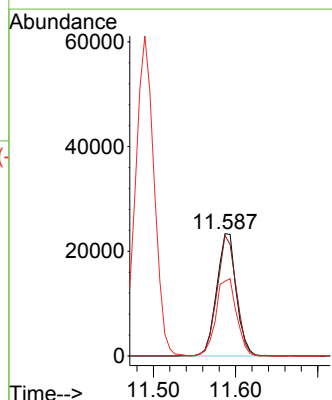
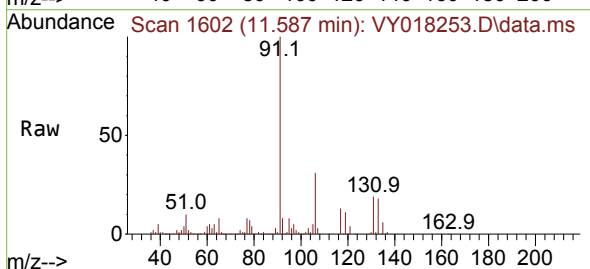
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

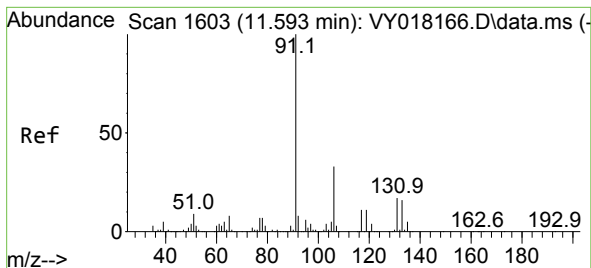
Tgt Ion:112 Resp: 121339
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.261 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion:131 Resp: 38710
Ion Ratio Lower Upper
131 100
133 96.6 47.8 143.3
119 66.6 34.1 102.2





#67

Ethyl Benzene

Concen: 20.122 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

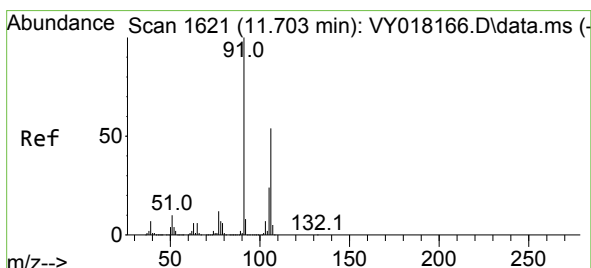
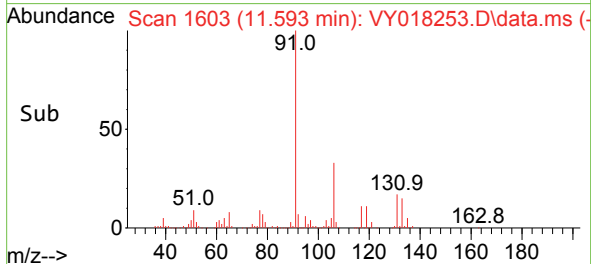
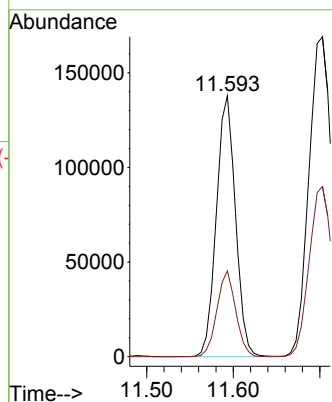
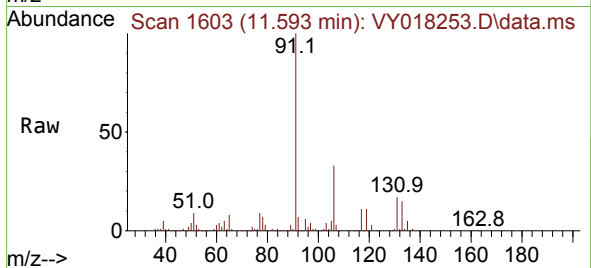
VY0514SBS01

Tgt Ion: 91 Resp: 211091

Ion Ratio Lower Upper

91 100

106 32.9 24.5 36.7



#68

m/p-Xylenes

Concen: 40.428 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018253.D

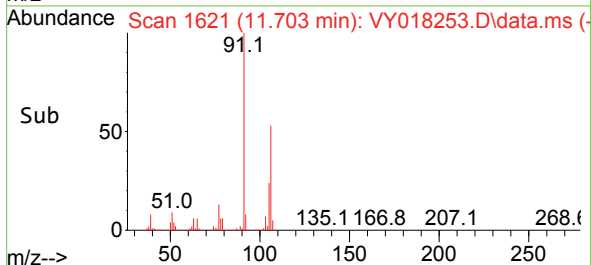
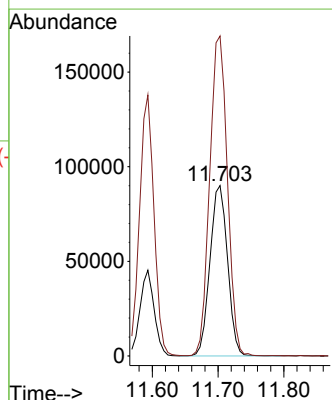
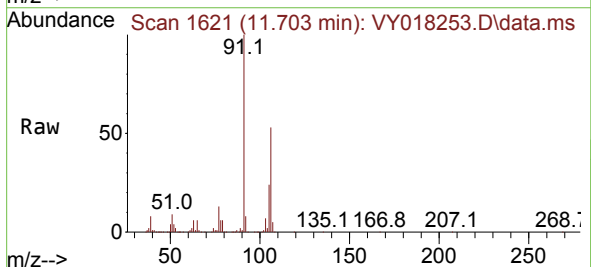
Acq: 14 May 2024 12:45

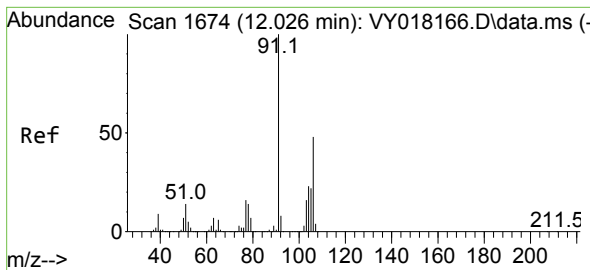
Tgt Ion:106 Resp: 167713

Ion Ratio Lower Upper

106 100

91 188.4 156.0 234.0

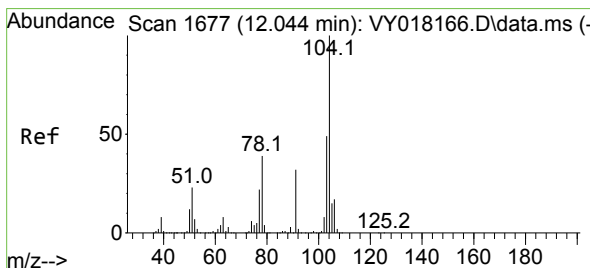
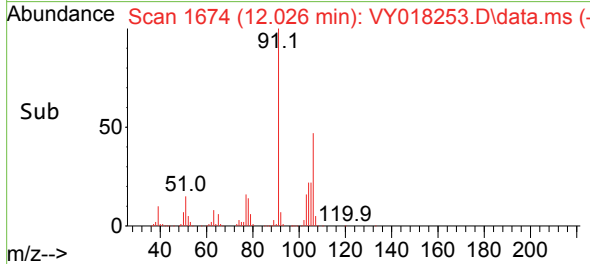
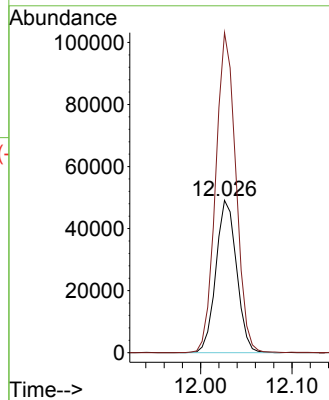
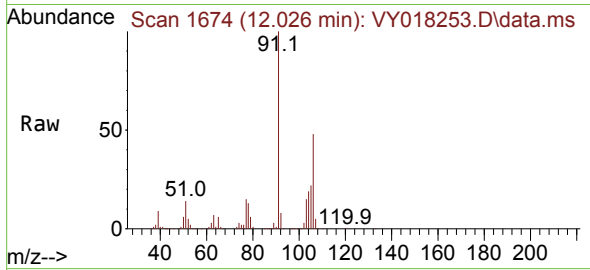




#69
o-Xylene
Concen: 19.376 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

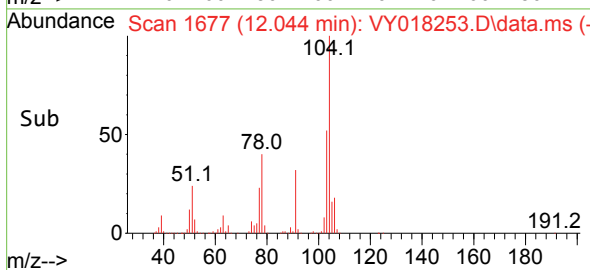
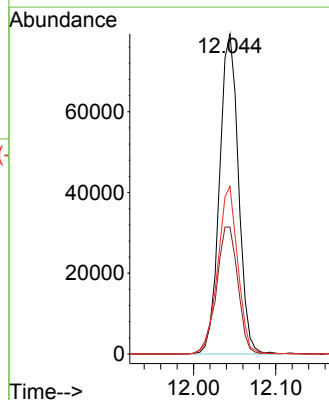
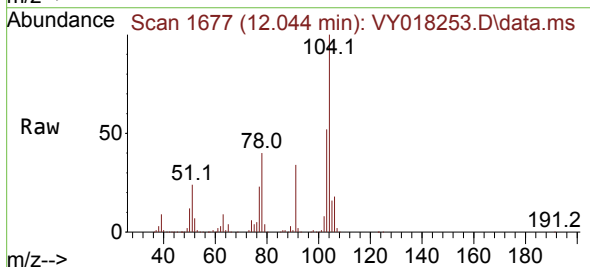
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

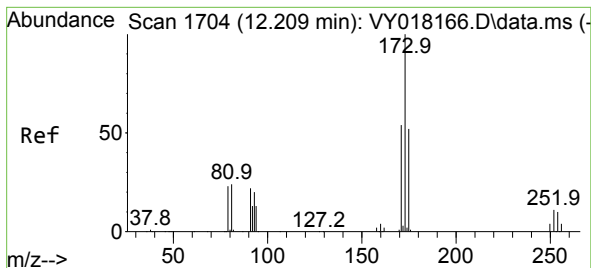
Tgt Ion:106 Resp: 77138
Ion Ratio Lower Upper
106 100
91 205.4 103.6 310.8



#70
Styrene
Concen: 19.099 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion:104 Resp: 126981
Ion Ratio Lower Upper
104 100
78 45.0 37.0 55.4
103 55.3 44.2 66.2





#71

Bromoform

Concen: 17.894 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

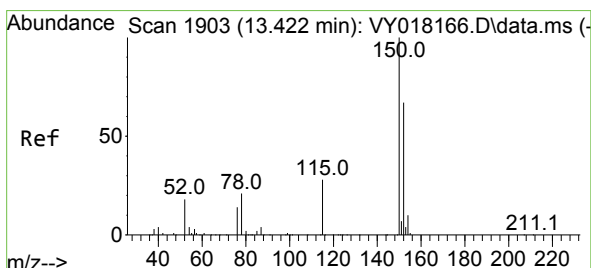
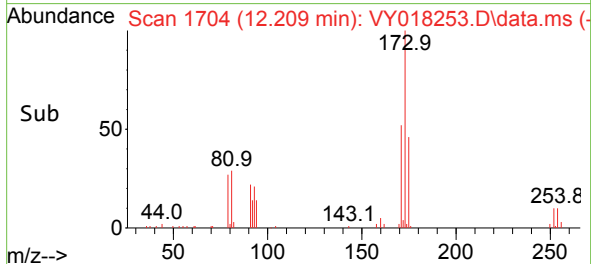
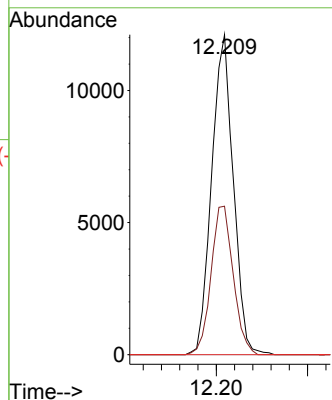
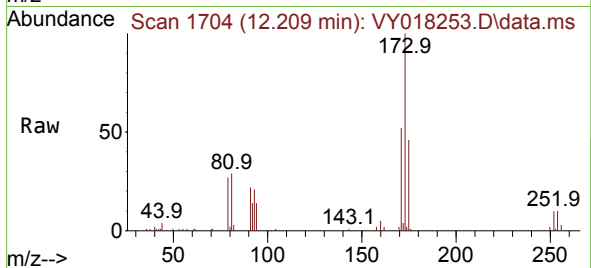
Tgt Ion:173 Resp: 19898

Ion Ratio Lower Upper

173 100

175 47.6 25.1 75.3

254 0.0 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: VY018253.D

Acq: 14 May 2024 12:45

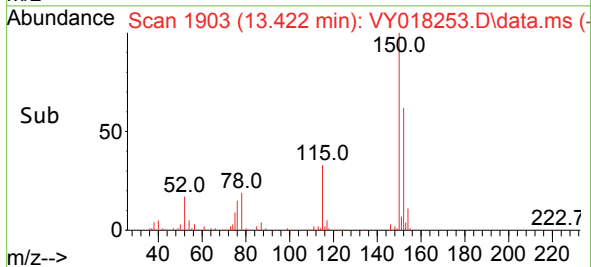
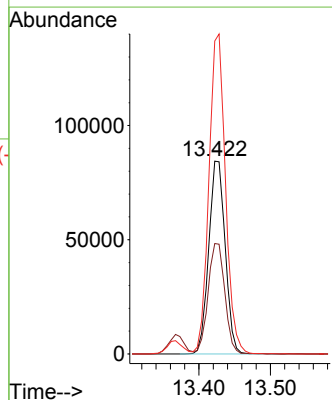
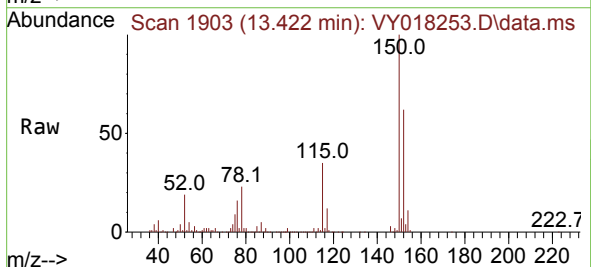
Tgt Ion:152 Resp: 135004

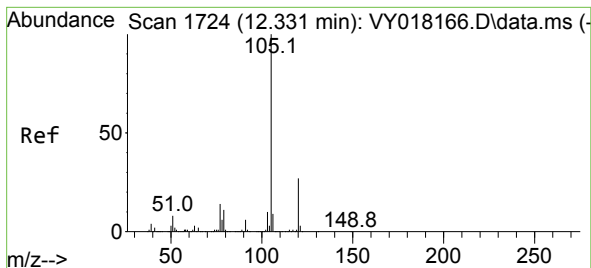
Ion Ratio Lower Upper

152 100

115 57.9 28.2 84.7

150 166.6 0.0 345.6





#73

Isopropylbenzene

Concen: 19.831 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

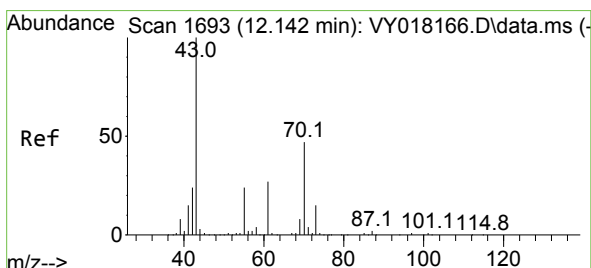
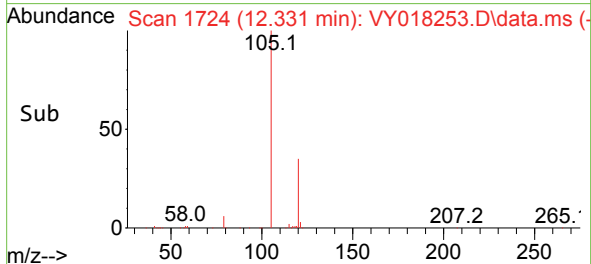
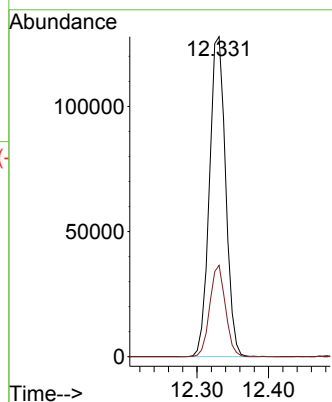
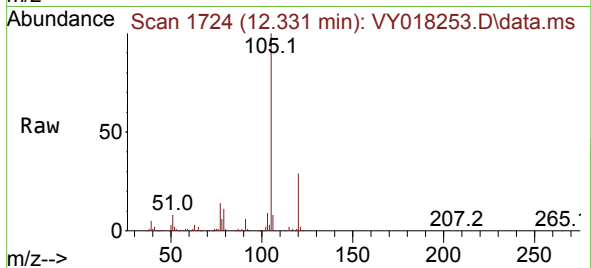
VY0514SBS01

Tgt Ion:105 Resp: 200731

Ion Ratio Lower Upper

105 100

120 27.6 13.4 40.1



#74

N-ethyl acetate

Concen: 19.116 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Tgt Ion: 43 Resp: 40166

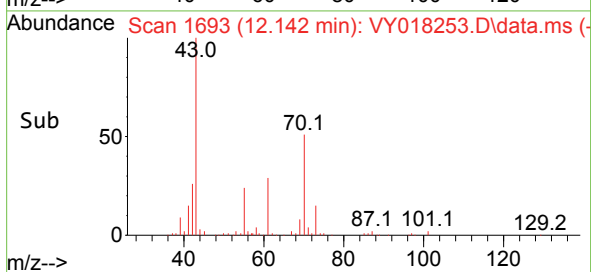
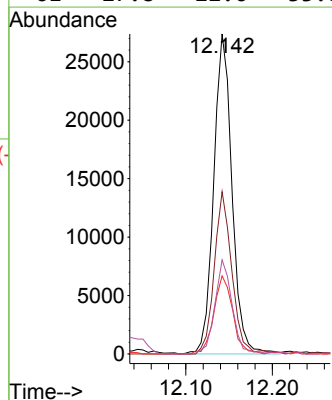
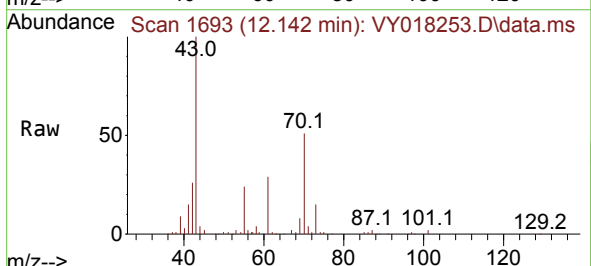
Ion Ratio Lower Upper

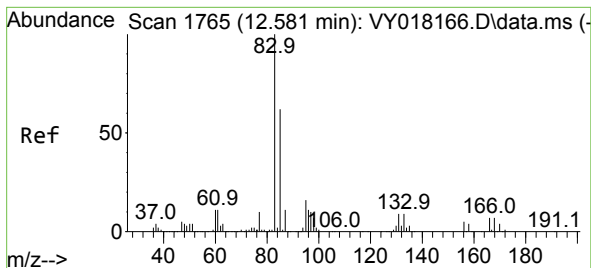
43 100

70 48.9 41.4 62.2

55 25.0 23.3 34.9

61 27.8 22.6 33.8

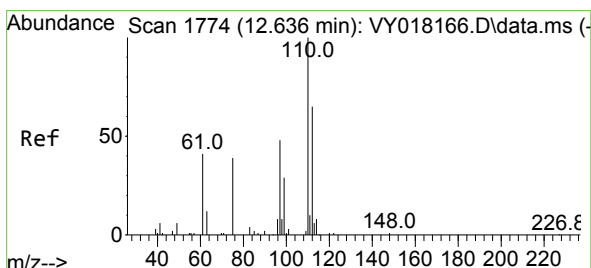
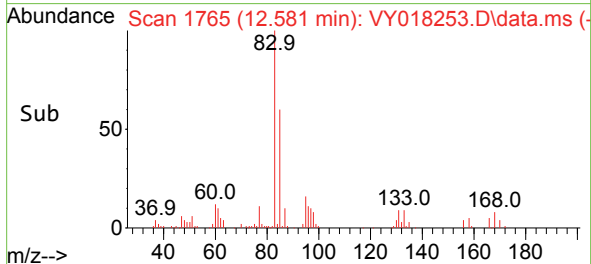
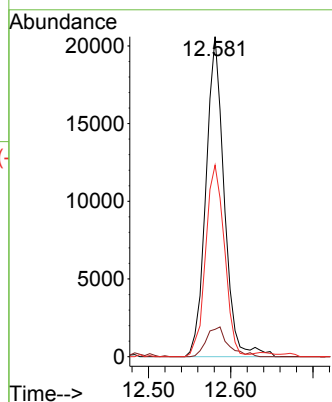
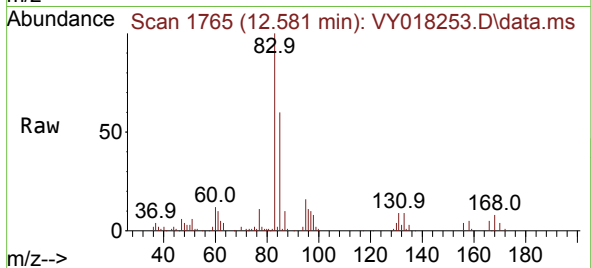




#75
 1,1,2,2-Tetrachloroethane
 Concen: 19.699 ug/l
 RT: 12.581 min Scan# 1765
 Delta R.T. 0.000 min
 Lab File: VY018253.D
 Acq: 14 May 2024 12:45

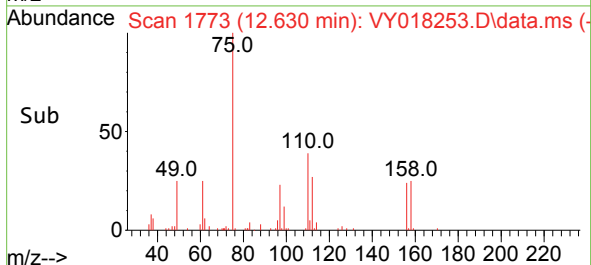
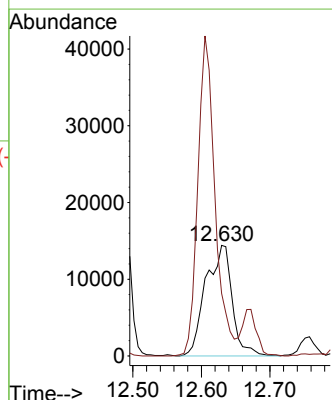
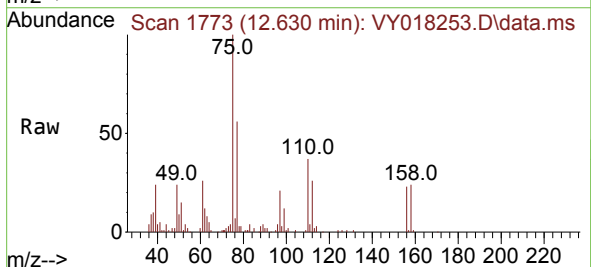
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0514SBS01

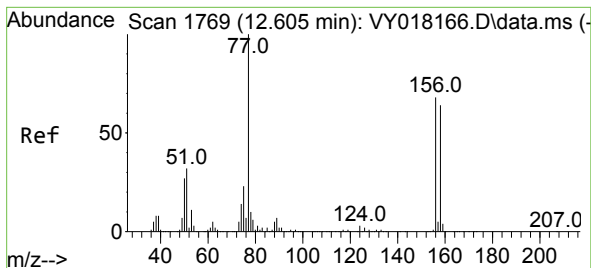
Tgt Ion: 83 Resp: 31807
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.0 14.9
 85 61.7 32.0 96.0



#76
 1,2,3-Trichloropropane
 Concen: 35.726 ug/l
 RT: 12.630 min Scan# 1773
 Delta R.T. -0.006 min
 Lab File: VY018253.D
 Acq: 14 May 2024 12:45

Tgt Ion: 75 Resp: 38606
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.388 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

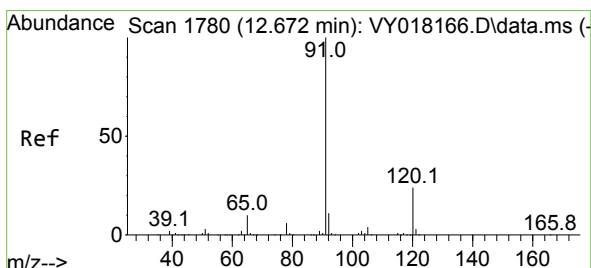
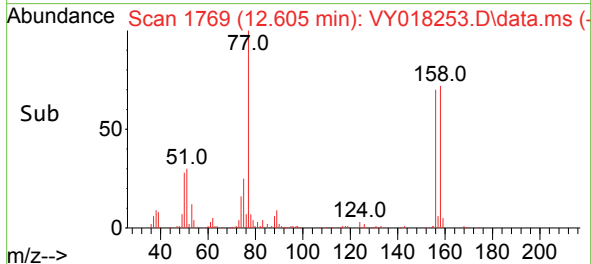
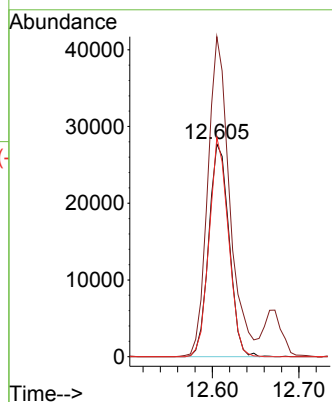
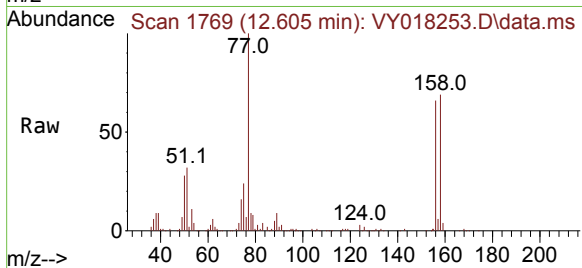
Tgt Ion:156 Resp: 45084

Ion Ratio Lower Upper

156 100

77 161.8 87.1 261.3

158 98.0 48.6 145.9



#78

n-propylbenzene

Concen: 19.973 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018253.D

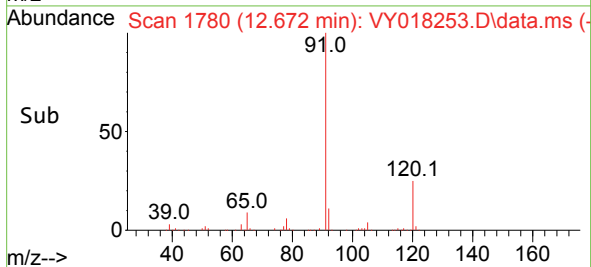
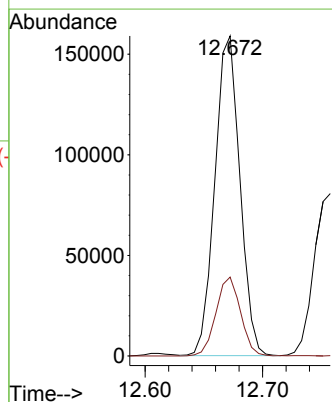
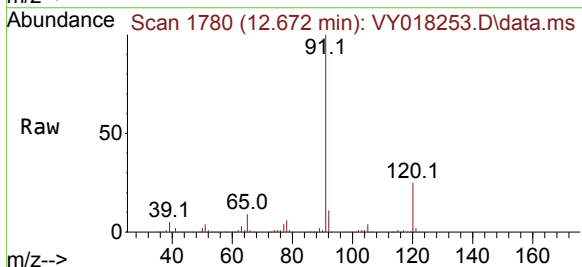
Acq: 14 May 2024 12:45

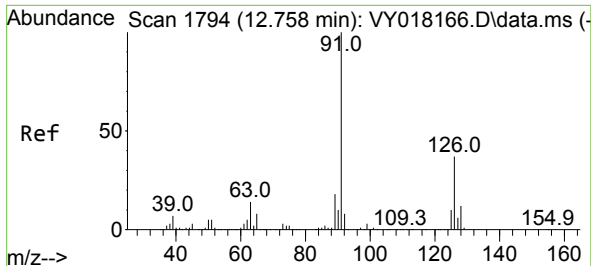
Tgt Ion: 91 Resp: 235156

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4





#79

2-Chlorotoluene

Concen: 19.714 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

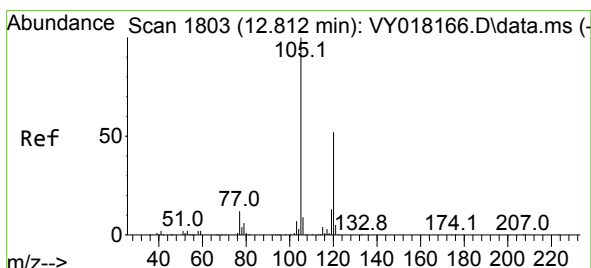
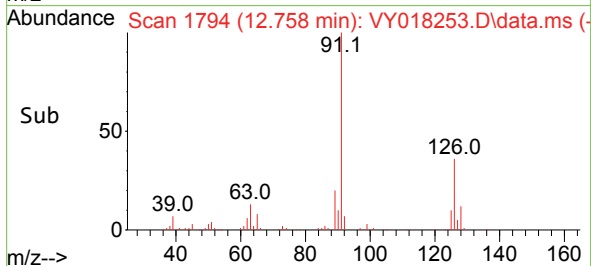
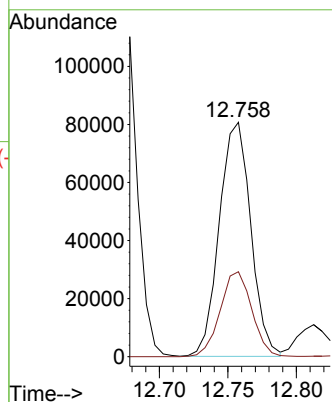
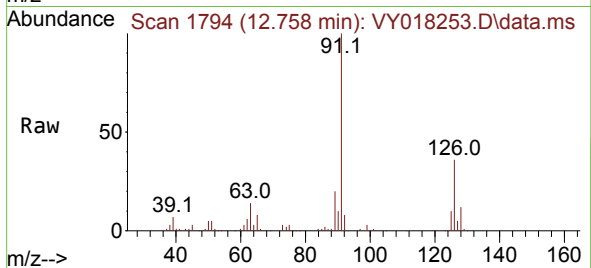
VY0514SBS01

Tgt Ion: 91 Resp: 128974

Ion Ratio Lower Upper

91 100

126 36.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 19.909 ug/l

RT: 12.813 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018253.D

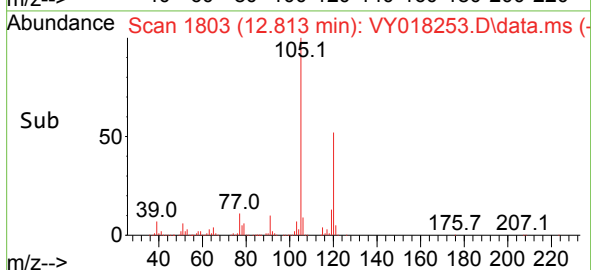
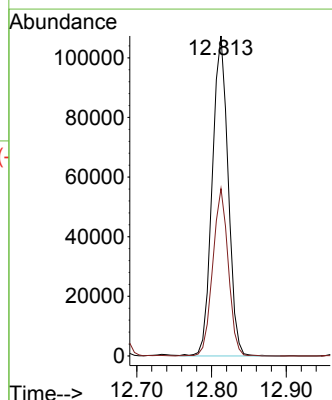
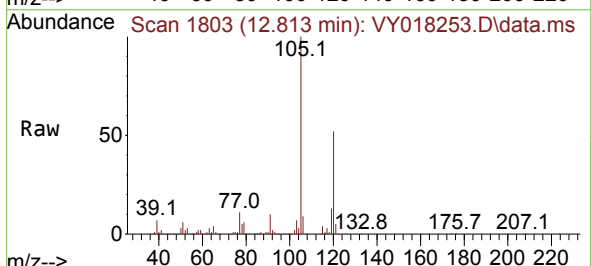
Acq: 14 May 2024 12:45

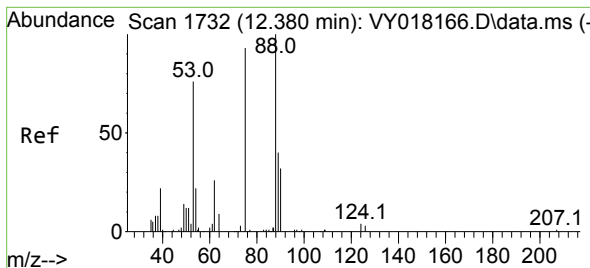
Tgt Ion:105 Resp: 158901

Ion Ratio Lower Upper

105 100

120 51.0 25.1 75.2

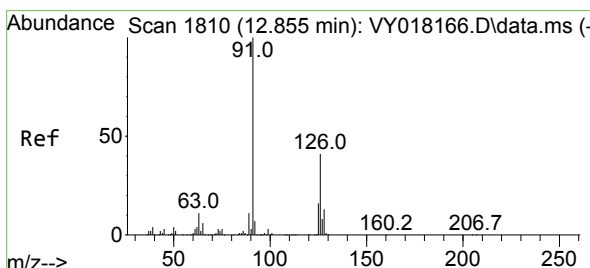
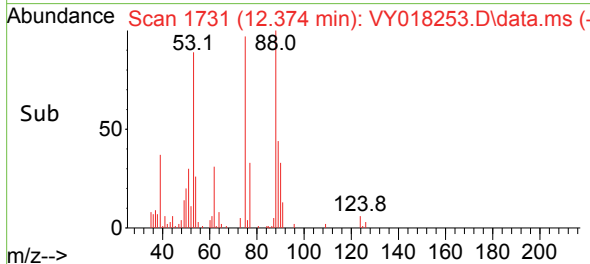
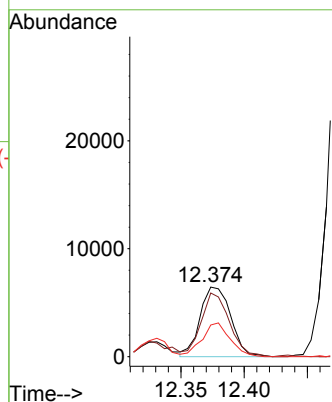
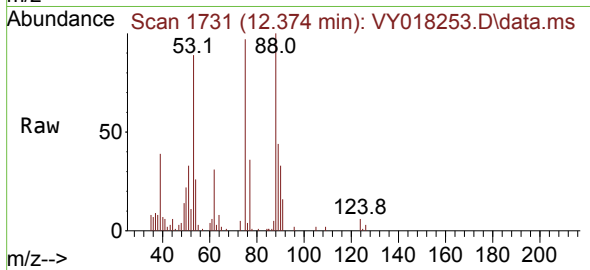




#81
trans-1,4-Dichloro-2-butene
Concen: 19.350 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

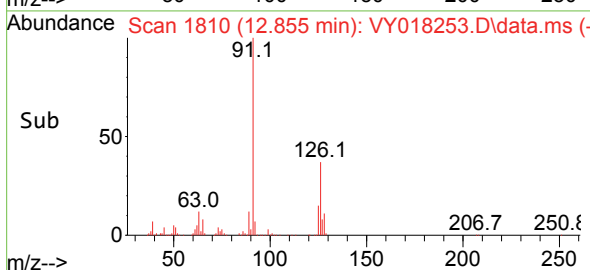
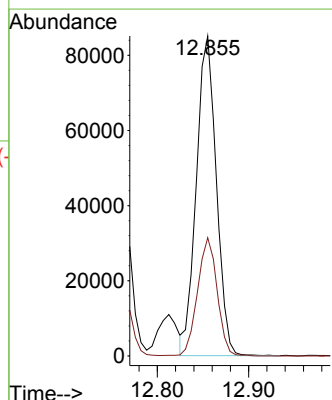
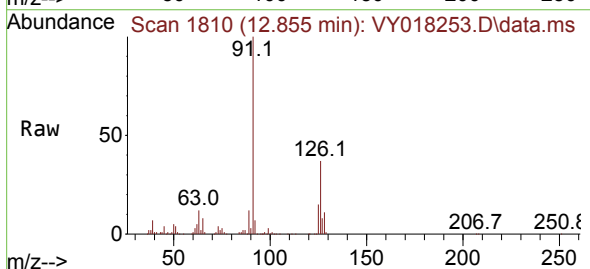
Instrument :
MSVOA_Y
ClientSampleId :
VY0514SBS01

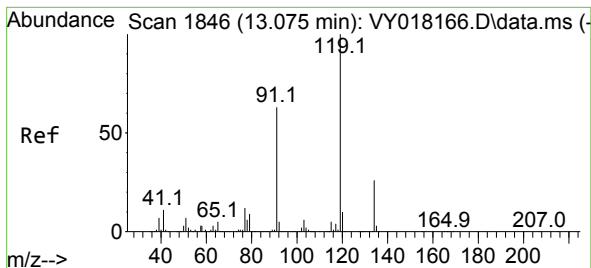
Tgt Ion: 75 Resp: 10853
Ion Ratio Lower Upper
75 100
53 85.5 66.8 100.2
89 44.7 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.666 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018253.D
Acq: 14 May 2024 12:45

Tgt Ion: 91 Resp: 129239
Ion Ratio Lower Upper
91 100
126 36.4 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.765 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

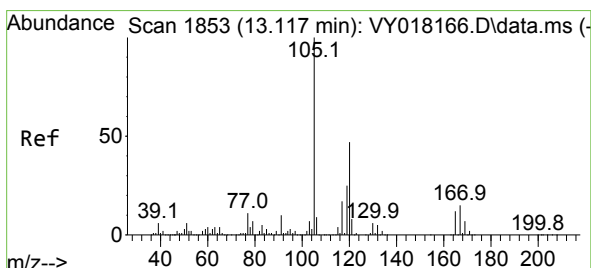
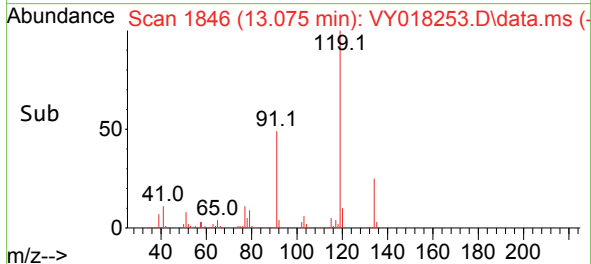
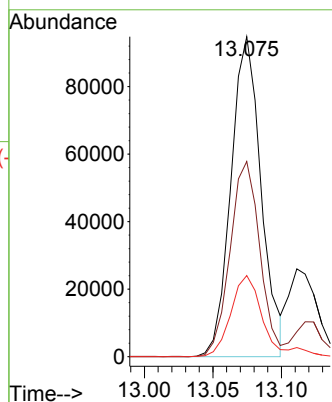
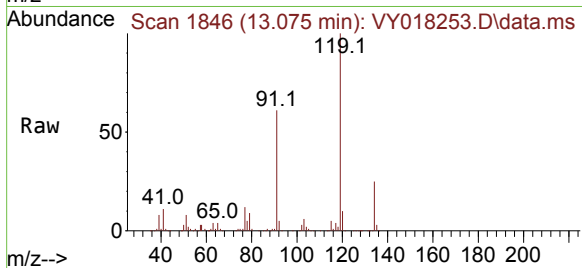
Tgt Ion:119 Resp: 145514

Ion Ratio Lower Upper

119 100

91 60.2 31.3 93.8

134 27.3 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 19.843 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018253.D

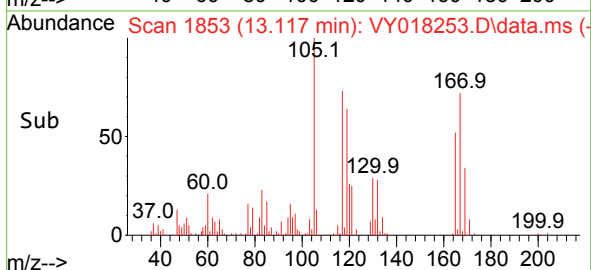
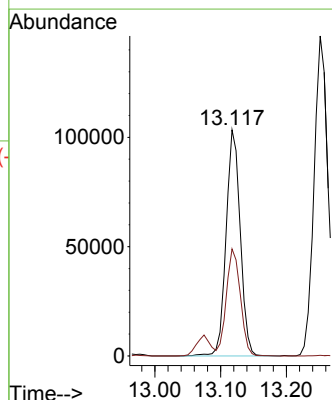
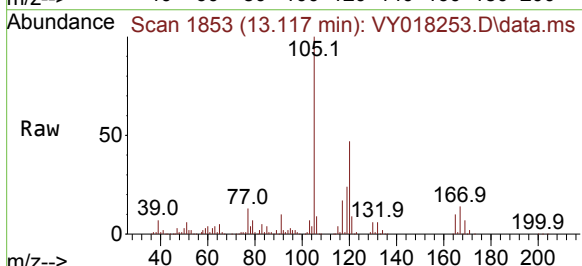
Acq: 14 May 2024 12:45

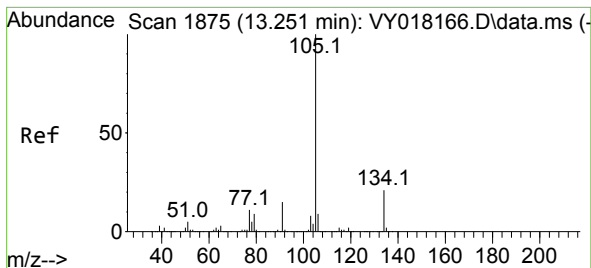
Tgt Ion:105 Resp: 155145

Ion Ratio Lower Upper

105 100

120 46.9 23.2 69.6





#85

sec-Butylbenzene

Concen: 19.888 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

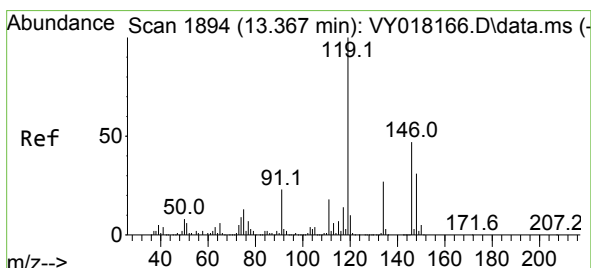
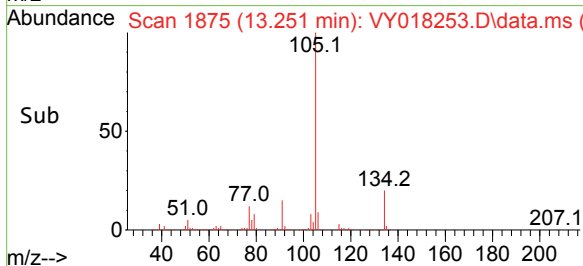
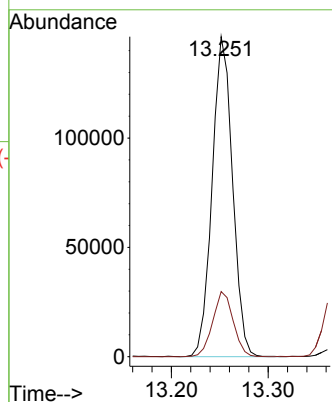
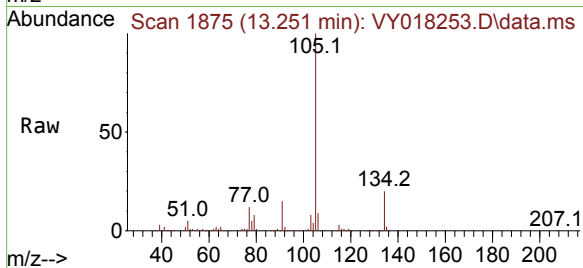
VY0514SBS01

Tgt Ion:105 Resp: 214766

Ion Ratio Lower Upper

105 100

134 20.4 10.1 30.1



#86

p-Isopropyltoluene

Concen: 19.607 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

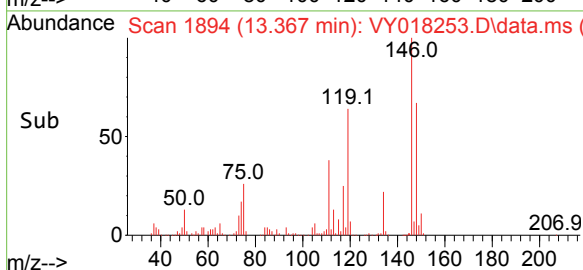
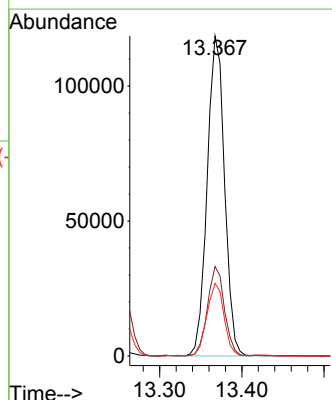
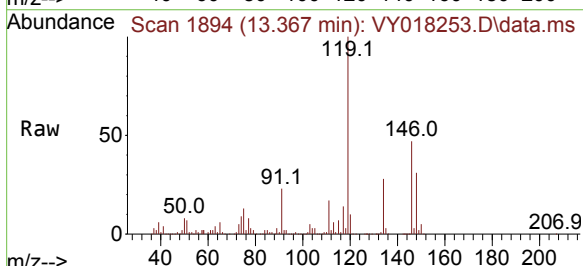
Tgt Ion:119 Resp: 174186

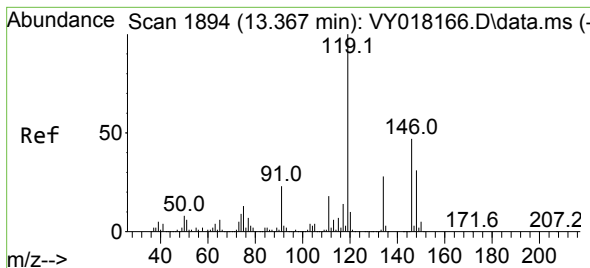
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 22.1 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 19.237 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

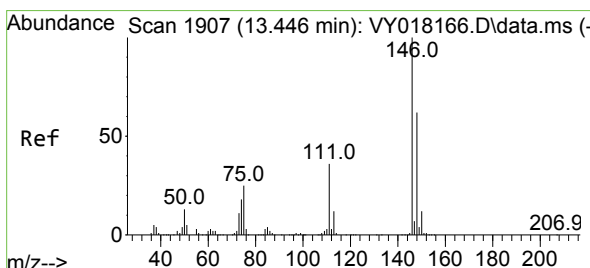
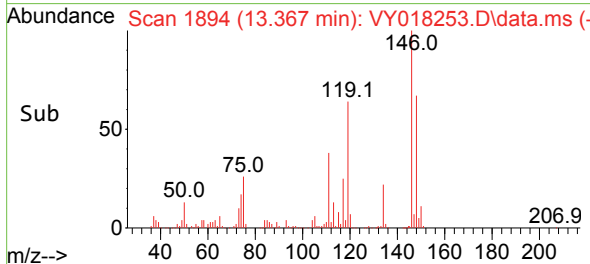
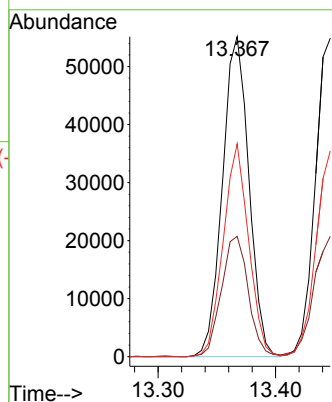
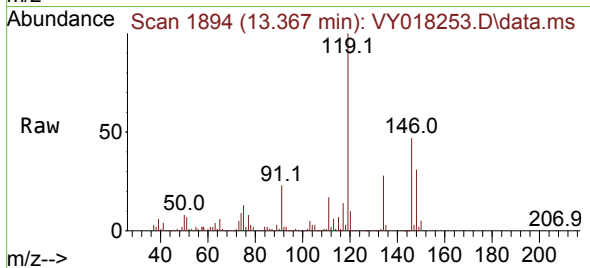
Tgt Ion:146 Resp: 86389

Ion Ratio Lower Upper

146 100

111 38.3 19.0 57.0

148 63.9 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.445 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

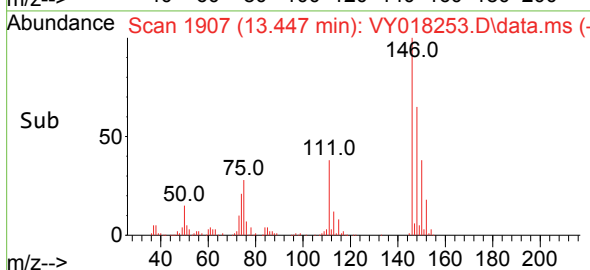
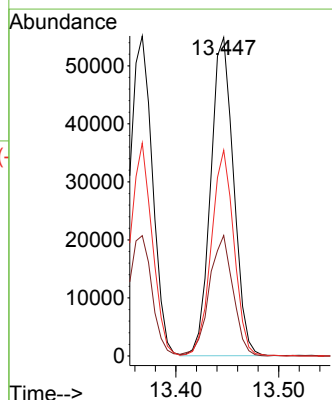
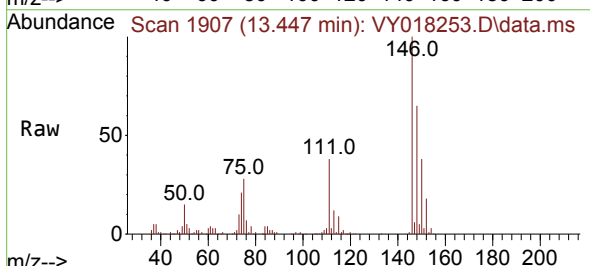
Tgt Ion:146 Resp: 85129

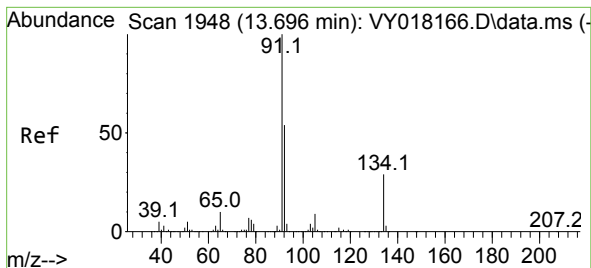
Ion Ratio Lower Upper

146 100

111 39.2 18.4 55.4

148 64.0 32.4 97.2





#89

n-Butylbenzene

Concen: 19.911 ug/l

RT: 13.697 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

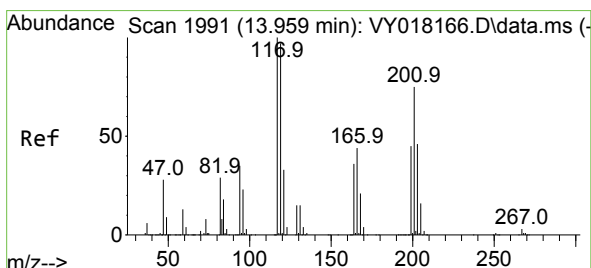
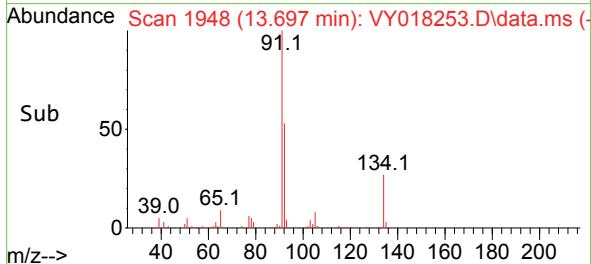
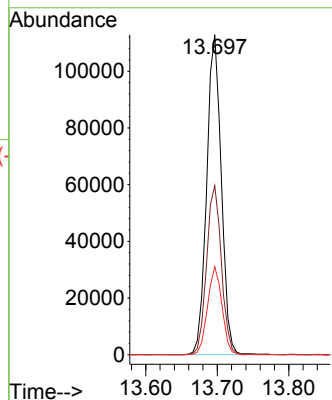
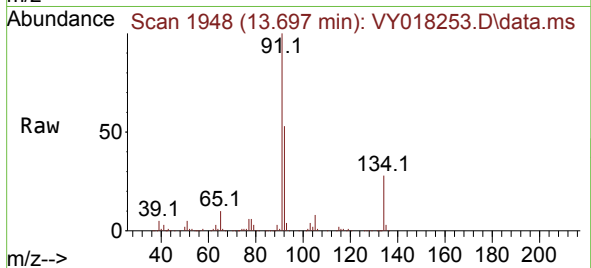
Tgt Ion: 91 Resp: 160079

Ion Ratio Lower Upper

91 100

92 53.5 26.6 79.7

134 27.1 12.9 38.7



#90

Hexachloroethane

Concen: 18.715 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018253.D

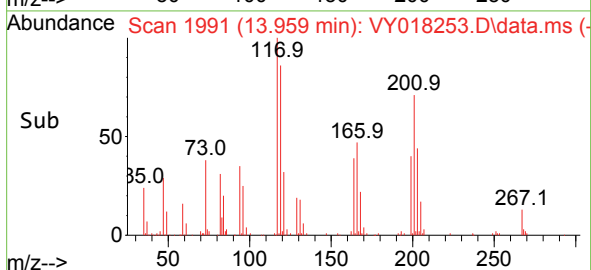
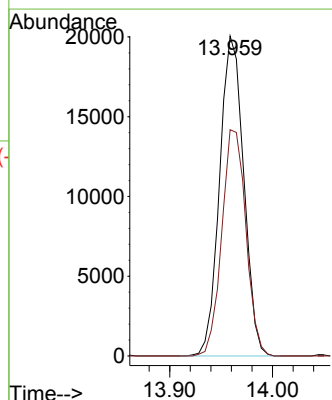
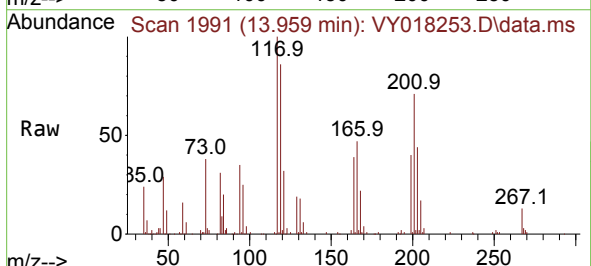
Acq: 14 May 2024 12:45

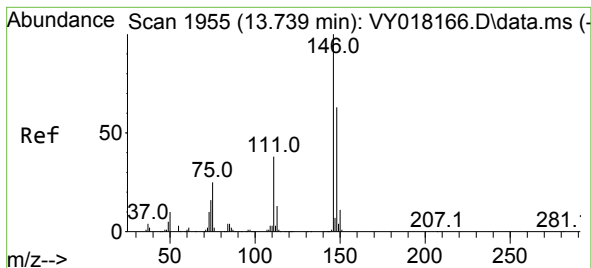
Tgt Ion: 117 Resp: 32618

Ion Ratio Lower Upper

117 100

201 70.9 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 19.800 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

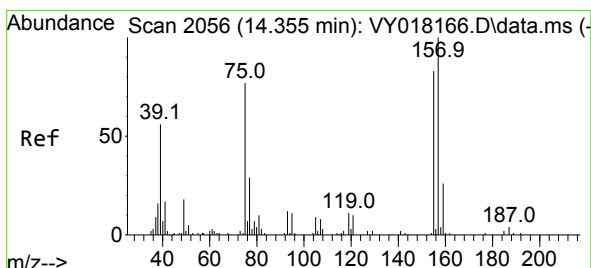
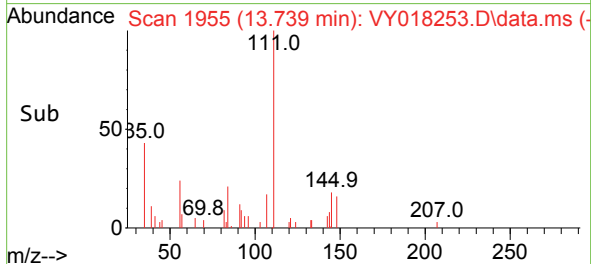
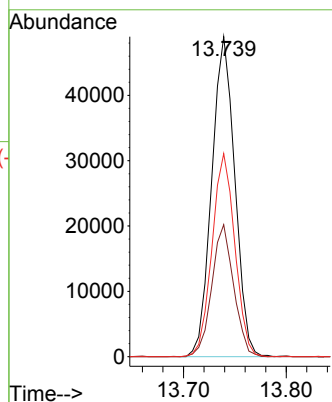
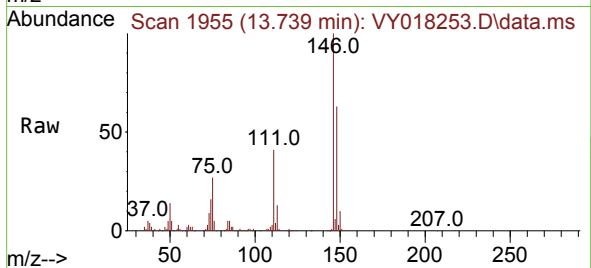
Tgt Ion:146 Resp: 76425

Ion Ratio Lower Upper

146 100

111 39.2 19.9 59.7

148 62.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.694 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

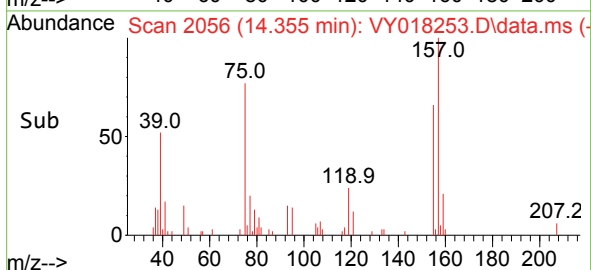
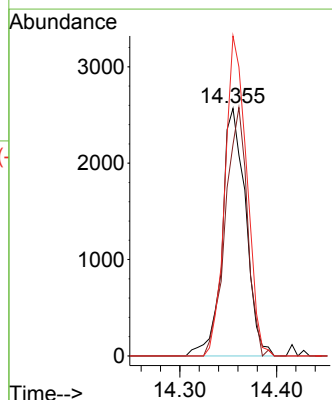
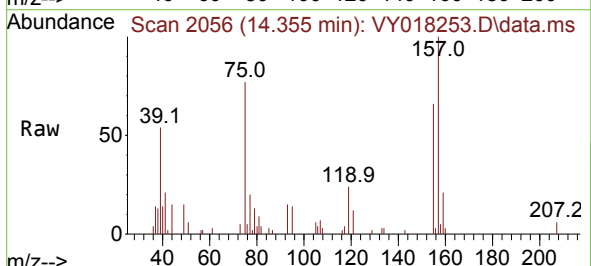
Tgt Ion: 75 Resp: 4330

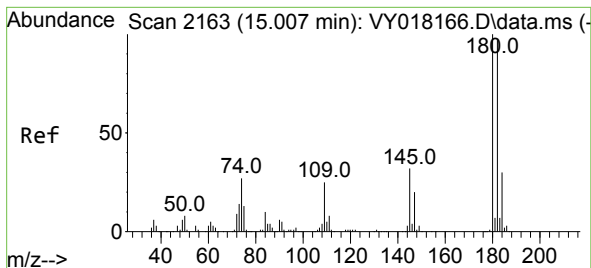
Ion Ratio Lower Upper

75 100

155 93.9 48.6 145.8

157 119.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.589 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

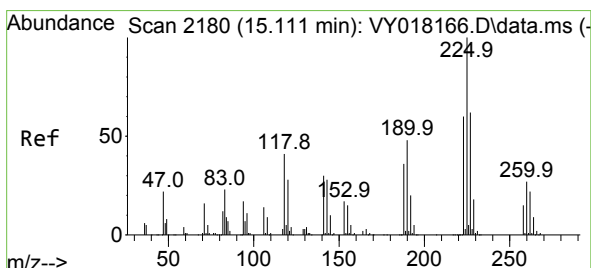
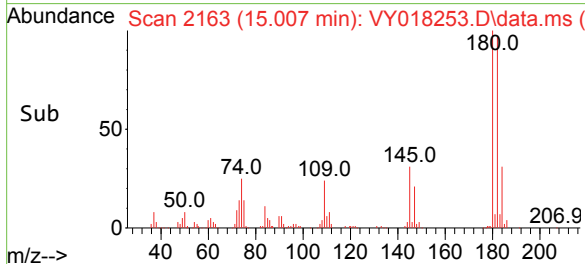
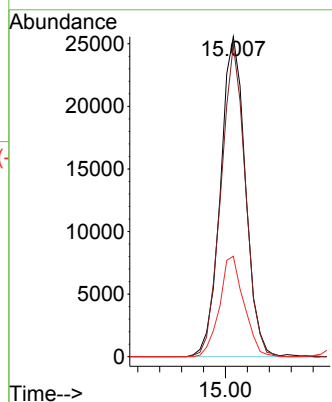
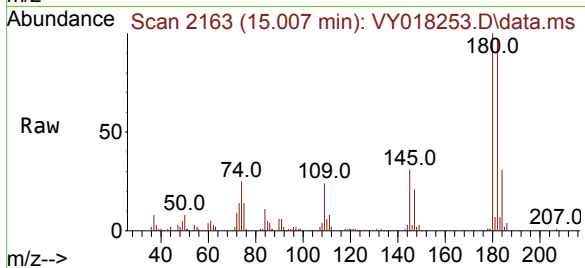
Tgt Ion:180 Resp: 40337

Ion Ratio Lower Upper

180 100

182 95.1 47.9 143.8

145 30.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 17.597 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

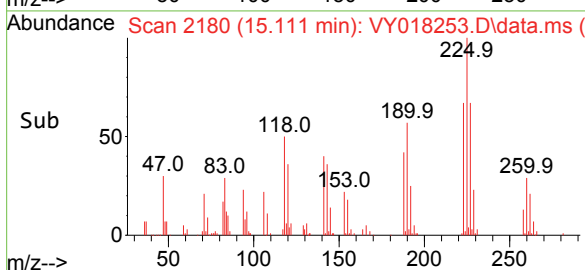
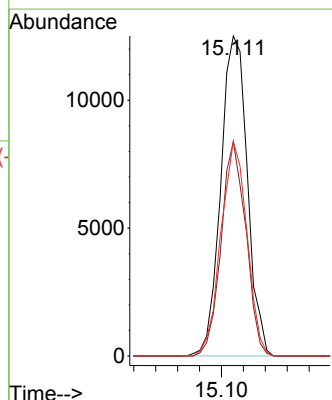
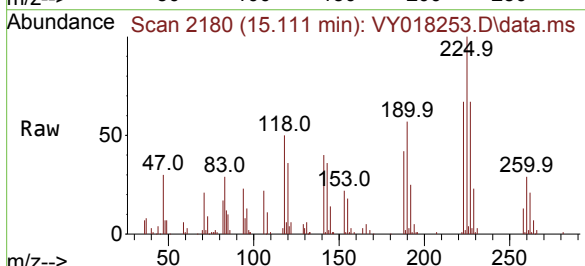
Tgt Ion:225 Resp: 21068

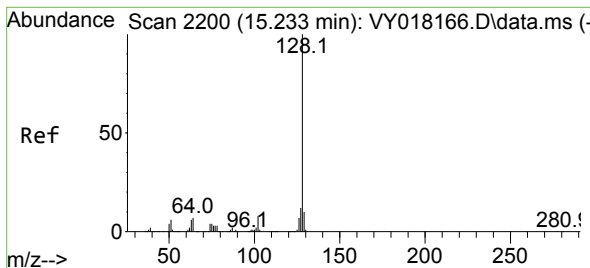
Ion Ratio Lower Upper

225 100

223 62.1 30.4 91.2

227 65.5 31.9 95.9





#95

Naphthalene

Concen: 18.781 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Instrument :

MSVOA_Y

ClientSampleId :

VY0514SBS01

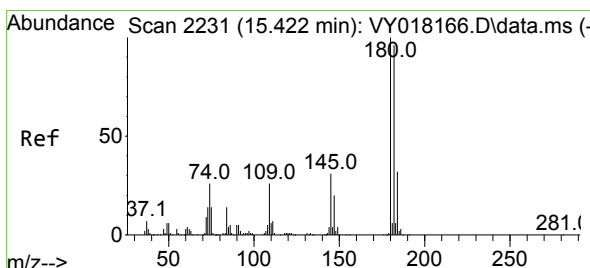
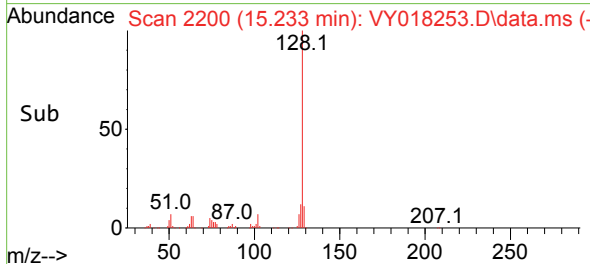
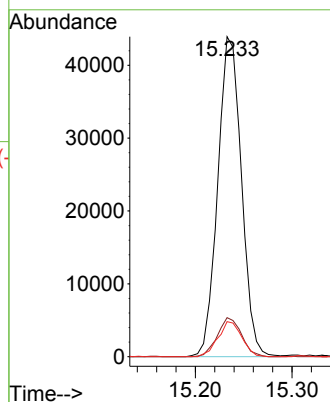
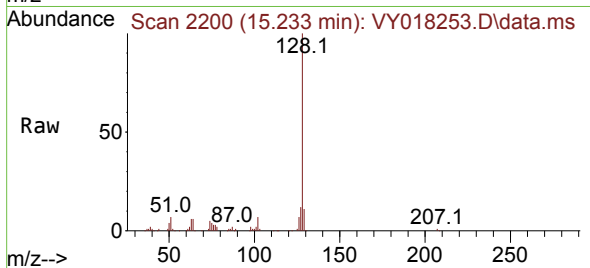
Tgt Ion:128 Resp: 74678

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.460 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018253.D

Acq: 14 May 2024 12:45

Tgt Ion:180 Resp: 32874

Ion Ratio Lower Upper

180 100

182 96.3 47.6 142.9

145 35.7 15.4 46.1

