

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052024\
 Data File : VY018325.D
 Acq On : 20 May 2024 11:10
 Operator : SY/MD
 Sample : VY0520SBSD01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBSD01

Quant Time: May 21 01:21:30 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	7.789	168	162618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	243414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	111408	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76010	63.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.080%	
35) Dibromofluoromethane	7.710	113	81859	54.851	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.700%	
50) Toluene-d8	10.179	98	315572	53.660	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.320%	
62) 4-Bromofluorobenzene	12.477	95	100326	52.825	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 105.660%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	27253	21.132	ug/l	98
3) Chloromethane	2.107	50	40281	23.333	ug/l	99
4) Vinyl Chloride	2.247	62	47474	22.686	ug/l	98
5) Bromomethane	2.637	94	33336	22.937	ug/l	91
6) Chloroethane	2.784	64	31340	23.597	ug/l	94
7) Trichlorofluoromethane	3.119	101	54628	22.286	ug/l	99
8) Diethyl Ether	3.521	74	19402	24.044	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	33373	21.363	ug/l	96
10) Methyl Iodide	4.088	142	35270	19.334	ug/l	98
11) Tert butyl alcohol	4.948	59	19894	186.178	ug/l #	92
12) 1,1-Dichloroethene	3.857	96	33239	21.136	ug/l	98
13) Acrolein	3.723	56	16945	143.002	ug/l	92
14) Allyl chloride	4.473	41	48646	24.315	ug/l	93
15) Acrylonitrile	5.149	53	42650	137.440	ug/l	98
16) Acetone	3.936	43	33172	138.946	ug/l	94
17) Carbon Disulfide	4.186	76	94195	22.001	ug/l	98
18) Methyl Acetate	4.466	43	19661	28.910	ug/l	96
19) Methyl tert-butyl Ether	5.210	73	86679	24.743	ug/l	99
20) Methylene Chloride	4.704	84	51761	30.674	ug/l	95
21) trans-1,2-Dichloroethene	5.204	96	35867	21.515	ug/l	90
22) Diisopropyl ether	6.112	45	97308	22.928	ug/l	97
23) Vinyl Acetate	6.045	43	324070	125.631	ug/l	100
24) 1,1-Dichloroethane	6.009	63	61141	23.390	ug/l	97
25) 2-Butanone	6.978	43	54946	143.979	ug/l	90
26) 2,2-Dichloropropane	6.978	77	52232	22.077	ug/l	97
27) cis-1,2-Dichloroethene	6.978	96	43678	22.171	ug/l	99
28) Bromochloromethane	7.326	49	21482	20.561	ug/l	90
29) Tetrahydrofuran	7.344	42	35230	139.854	ug/l	94
30) Chloroform	7.502	83	62121	22.764	ug/l	99
31) Cyclohexane	7.777	56	56568	23.149	ug/l	99
32) 1,1,1-Trichloroethane	7.698	97	54768	22.392	ug/l	99
36) 1,1-Dichloropropene	7.917	75	45496	21.265	ug/l	98
37) Ethyl Acetate	7.070	43	24604	27.324	ug/l #	97
38) Carbon Tetrachloride	7.899	117	47333	20.248	ug/l	99
39) Methylcyclohexane	9.179	83	65125	21.100	ug/l	97
40) Benzene	8.155	78	144252	20.961	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	11931	22.945	ug/l #	74
42) 1,2-Dichloroethane	8.228	62	34758	23.213	ug/l	97
43) Isopropyl Acetate	8.265	43	45593	24.702	ug/l	94
44) Trichloroethene	8.941	130	37378	19.952	ug/l	95
45) 1,2-Dichloropropane	9.216	63	32733	21.756	ug/l	96
46) Dibromomethane	9.301	93	19350	22.372	ug/l	94
47) Bromodichloromethane	9.490	83	44781	20.943	ug/l	99
48) Methyl methacrylate	9.289	41	20737	24.514	ug/l	93
49) 1,4-Dioxane	9.295	88	5039	438.904	ug/l #	90
51) 4-Methyl-2-Pentanone	10.069	43	116388	125.461	ug/l	95
52) Toluene	10.240	92	89807	20.271	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	43675	21.868	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	52529	21.516	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	26301	22.136	ug/l	96
56) Ethyl methacrylate	10.508	69	34967	21.669	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	44300	22.909	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	73064	94.821	ug/l	97
59) 2-Hexanone	10.831	43	82942	127.871	ug/l	93
60) Dibromochloromethane	10.984	129	32490	21.076	ug/l	98
61) 1,2-Dibromoethane	11.087	107	25003	22.341	ug/l	97
64) Tetrachloroethene	10.715	164	33534	20.691	ug/l	96
65) Chlorobenzene	11.514	112	99776	20.126	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	31837	19.853	ug/l	99
67) Ethyl Benzene	11.593	91	170587	20.379	ug/l	96
68) m/p-Xylenes	11.703	106	131712	39.790	ug/l	99
69) o-Xylene	12.026	106	63870	20.106	ug/l	95
70) Styrene	12.044	104	106894	20.150	ug/l	97
71) Bromoform	12.209	173	18416	20.756	ug/l #	92
73) Isopropylbenzene	12.331	105	164454	19.688	ug/l	98
74) N-amyl acetate	12.142	43	39638	22.860	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	30591	22.958	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	36712	41.169	ug/l #	100
77) Bromobenzene	12.605	156	37288	19.432	ug/l	98
78) n-propylbenzene	12.672	91	193070	19.872	ug/l	97
79) 2-Chlorotoluene	12.758	91	106472	19.721	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	132129	20.061	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.374	75	10115	21.854	ug/l	95
82) 4-Chlorotoluene	12.855	91	106967	19.724	ug/l	95
83) tert-Butylbenzene	13.075	119	119326	19.641	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	130145	20.171	ug/l	99
85) sec-Butylbenzene	13.251	105	176166	19.769	ug/l	99
86) p-Isopropyltoluene	13.367	119	147467	20.115	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	74127	20.003	ug/l	98
88) 1,4-Dichlorobenzene	13.447	146	73910	20.458	ug/l	98
89) n-Butylbenzene	13.696	91	135145	20.369	ug/l	100
90) Hexachloroethane	13.959	117	27910	19.406	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	64982	20.401	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4434	24.439	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	36481	20.373	ug/l	98
94) Hexachlorobutadiene	15.111	225	18540	18.765	ug/l	99
95) Naphthalene	15.233	128	70853	21.593	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	30685	20.881	ug/l	98

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QLast Update : Wed May 08 01:40:14 2024
Response via : Initial Calibration

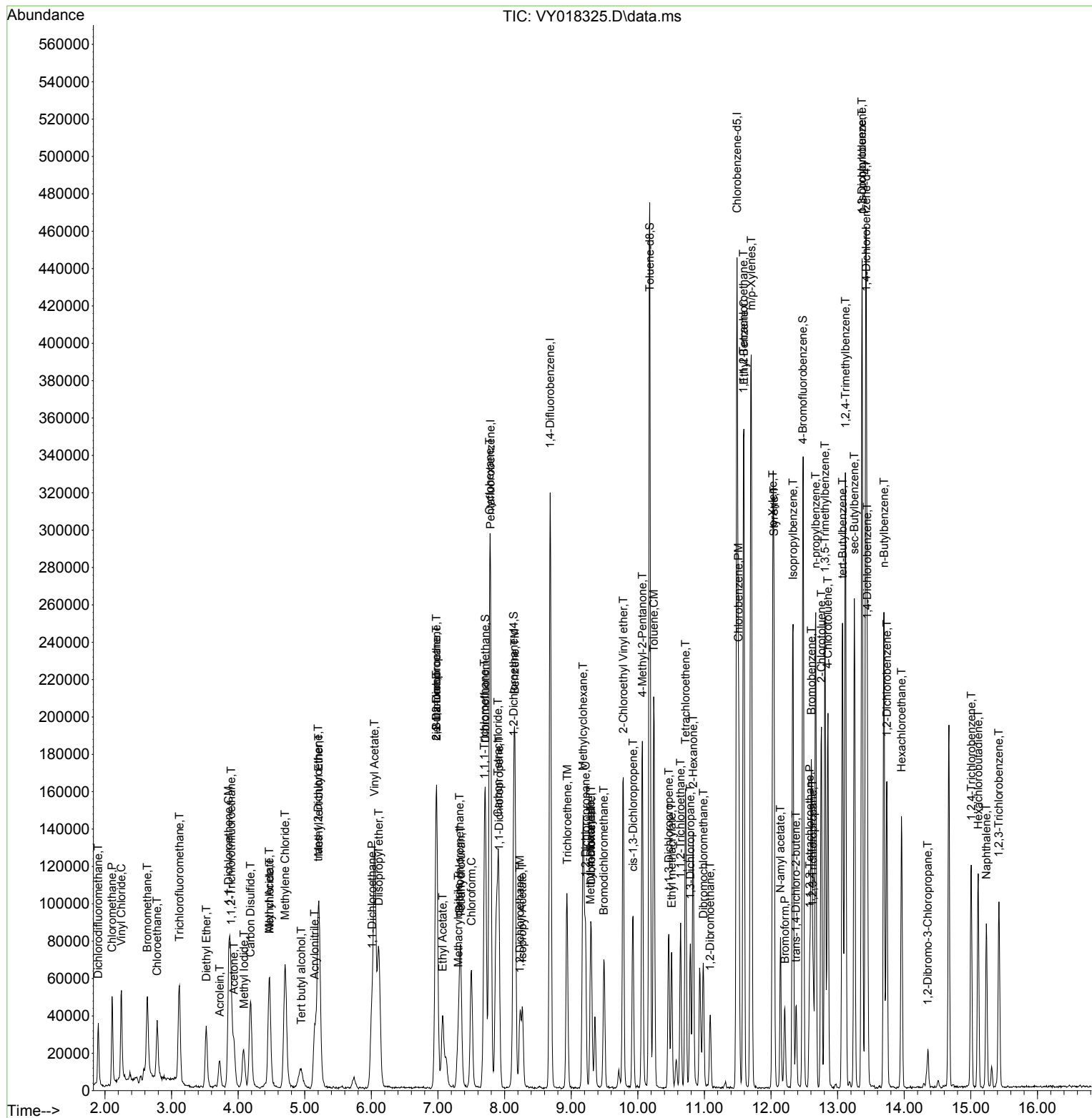
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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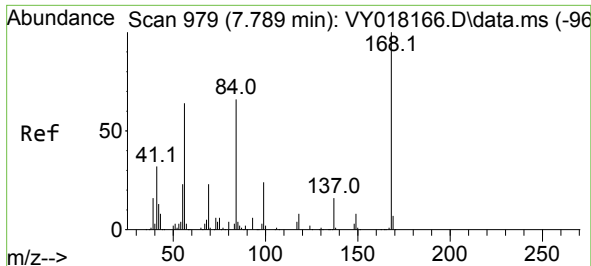
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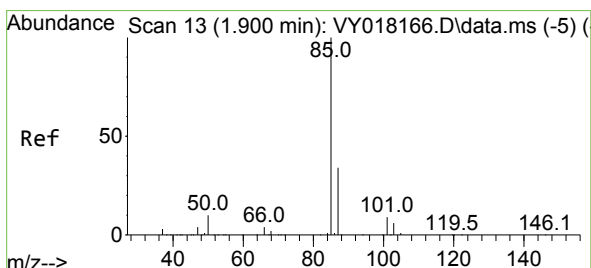
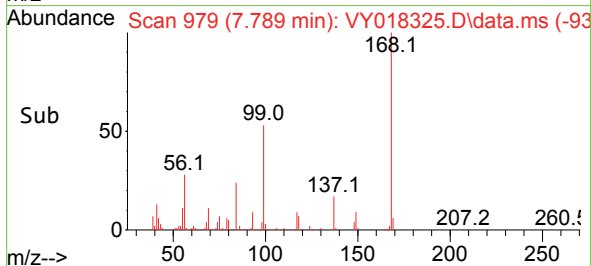
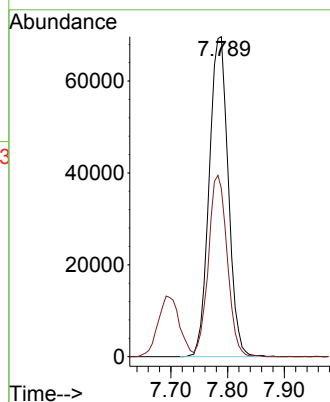
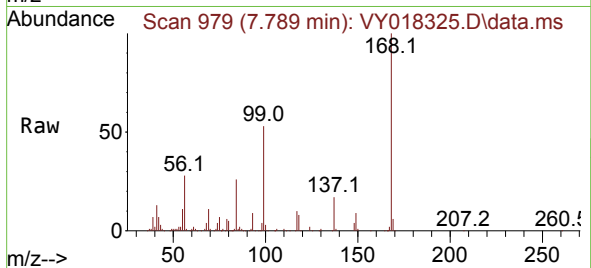




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018325.D
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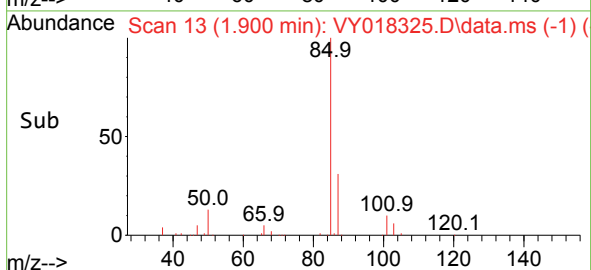
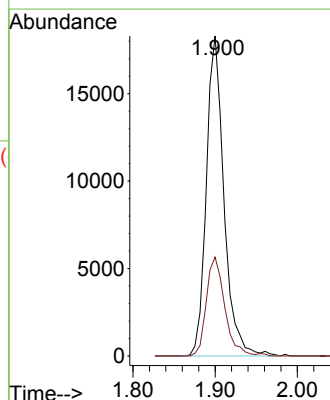
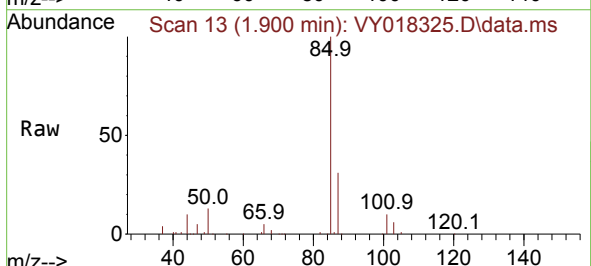
Instrument :
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VY0520SBSD01

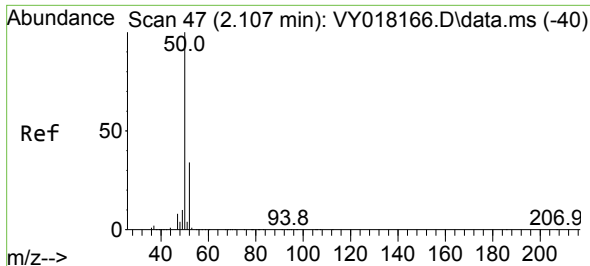
Tgt Ion:168 Resp: 162618
Ion Ratio Lower Upper
168 100
99 52.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 21.132 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 85 Resp: 27253
Ion Ratio Lower Upper
85 100
87 30.9 16.0 48.0

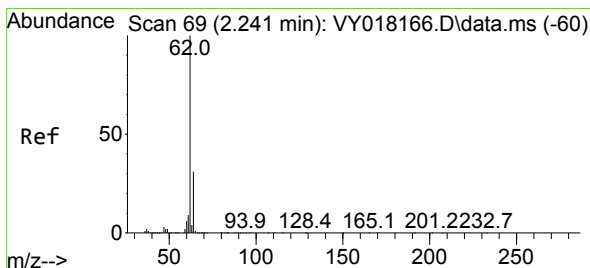
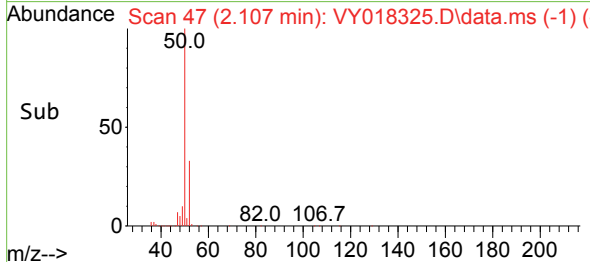
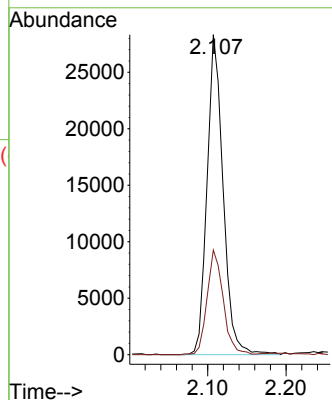
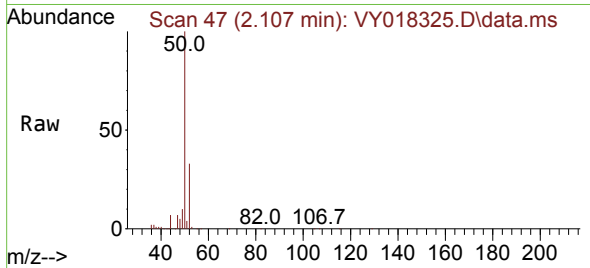




#3
Chloromethane
Concen: 23.333 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

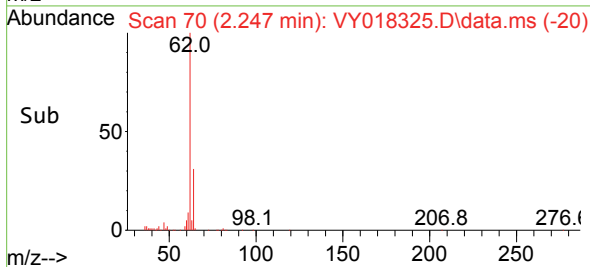
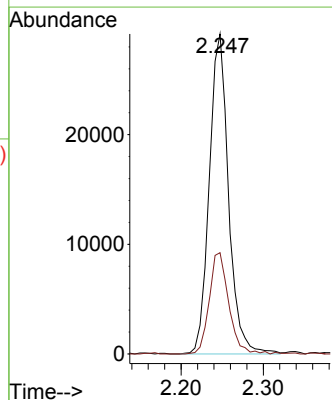
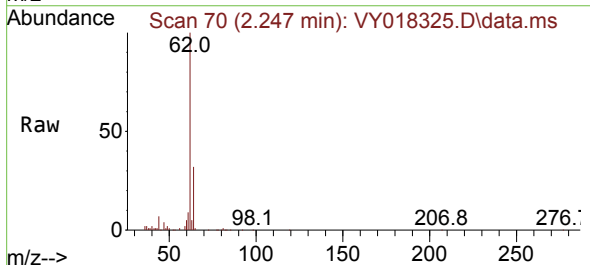
Instrument :
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ClientSampleId :
VY0520SBS01

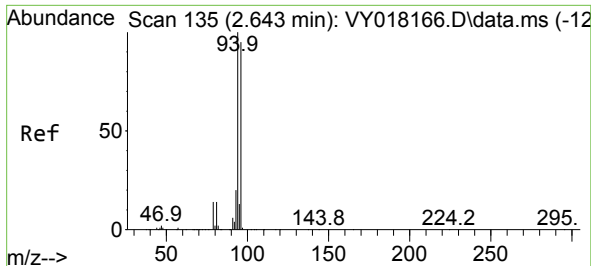
Tgt Ion: 50 Resp: 40281
Ion Ratio Lower Upper
50 100
52 32.7 25.6 38.4



#4
Vinyl Chloride
Concen: 22.686 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 62 Resp: 47474
Ion Ratio Lower Upper
62 100
64 31.7 26.1 39.1

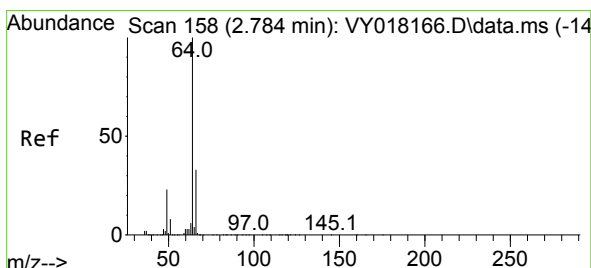
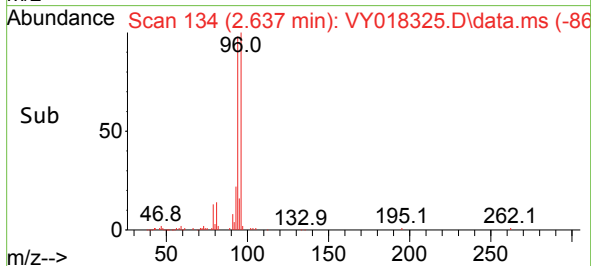
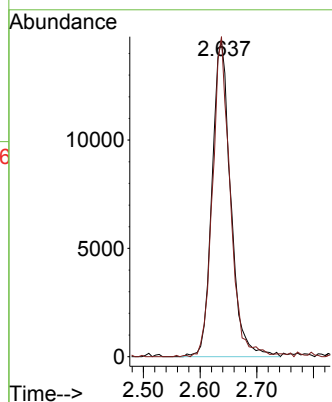
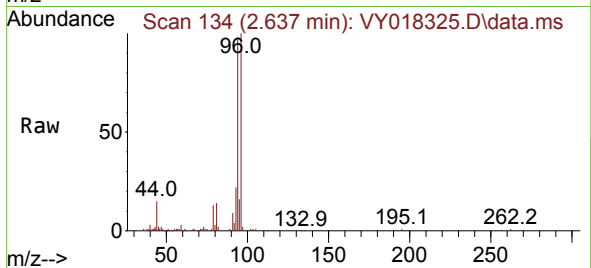




#5
Bromomethane
Concen: 22.937 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

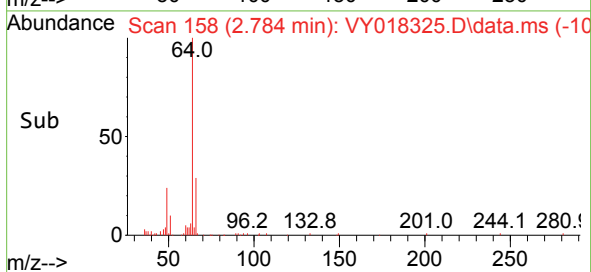
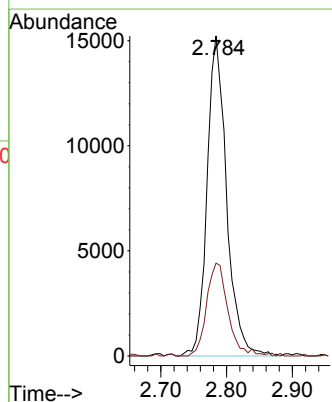
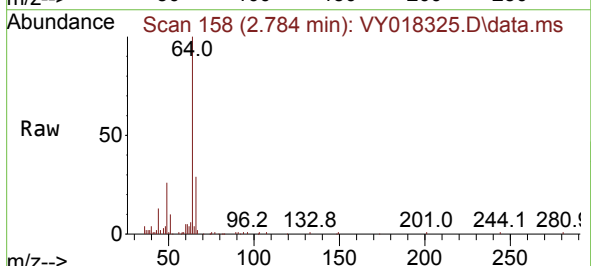
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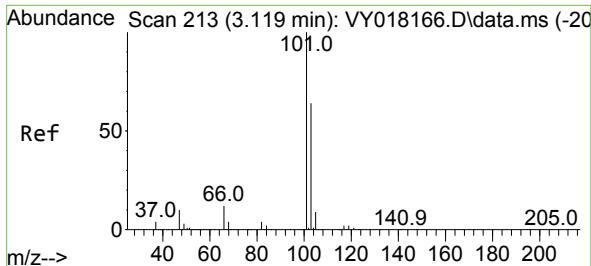
Tgt Ion: 94 Resp: 33336
Ion Ratio Lower Upper
94 100
96 101.5 74.1 111.1



#6
Chloroethane
Concen: 23.597 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 64 Resp: 31340
Ion Ratio Lower Upper
64 100
66 29.0 26.1 39.1

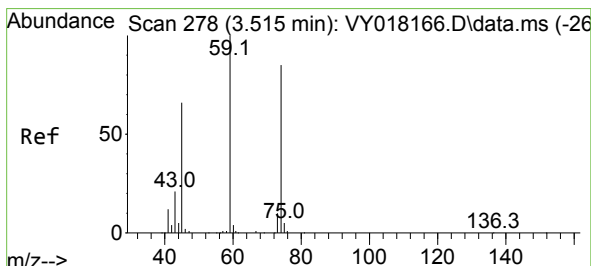
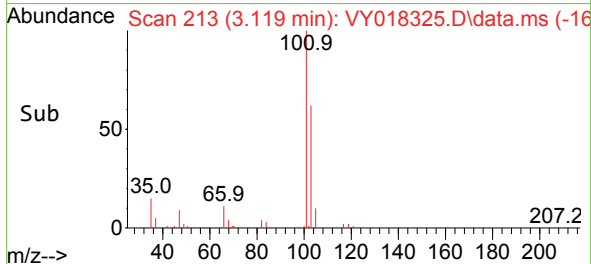
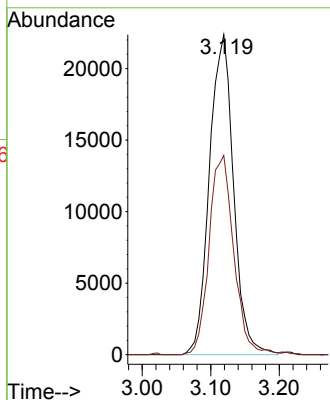
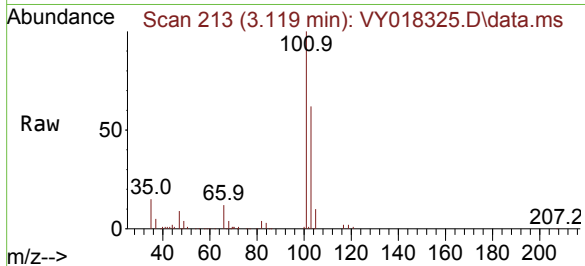




#7
Trichlorofluoromethane
Concen: 22.286 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

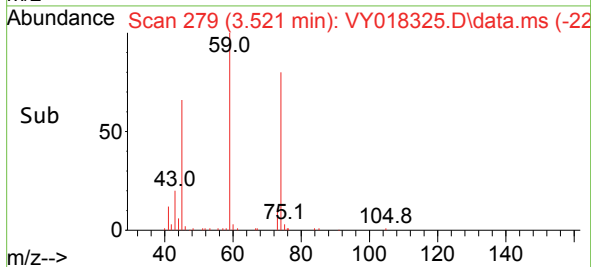
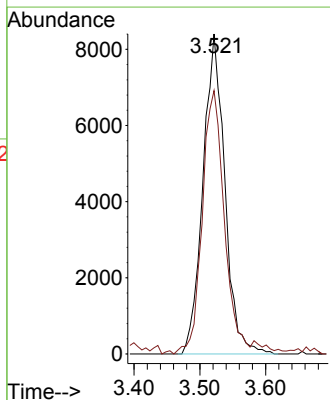
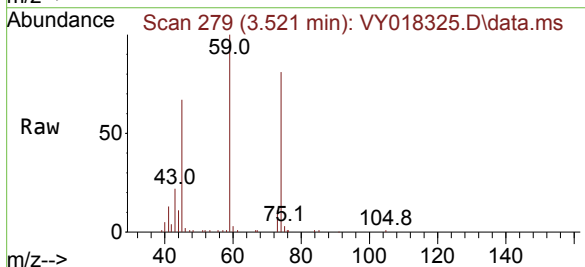
Instrument :
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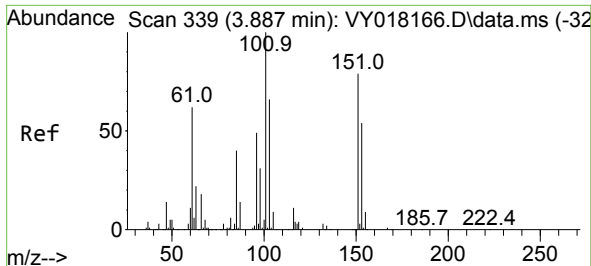
Tgt Ion:101 Resp: 54628
Ion Ratio Lower Upper
101 100
103 62.3 49.3 73.9



#8
Diethyl Ether
Concen: 24.044 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 74 Resp: 19402
Ion Ratio Lower Upper
74 100
45 80.9 41.3 124.1

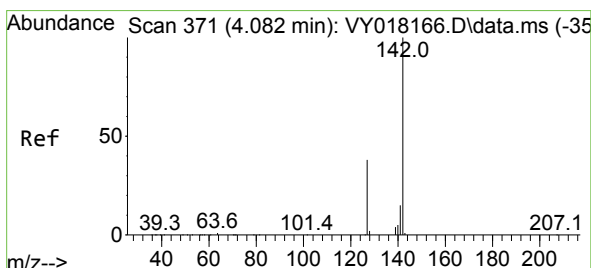
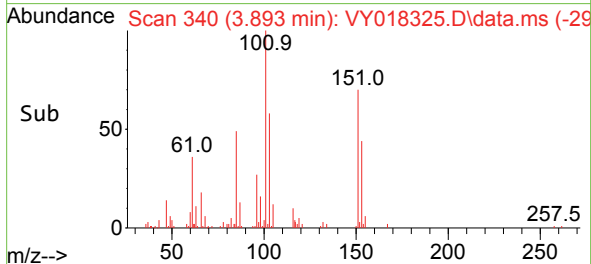
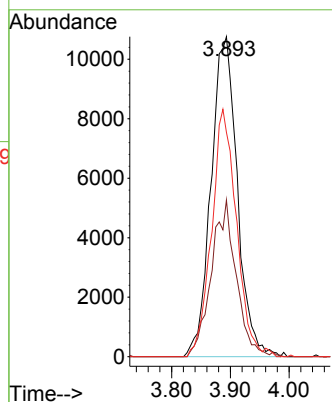
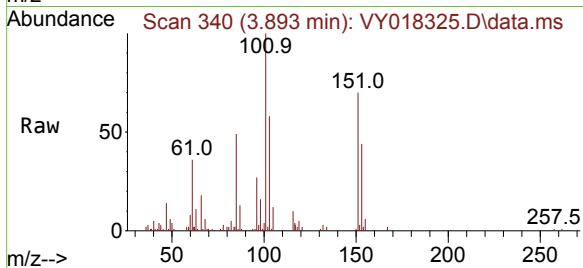




#9
1,1,2-Trichlorotrifluoroethane
Concen: 21.363 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

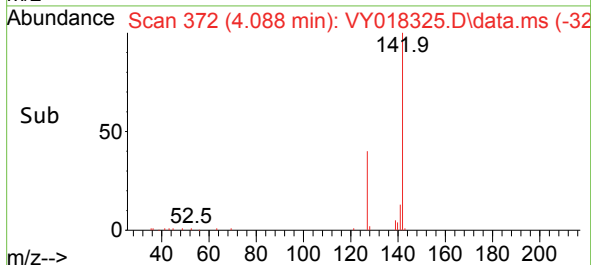
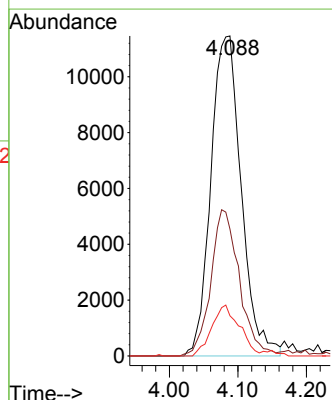
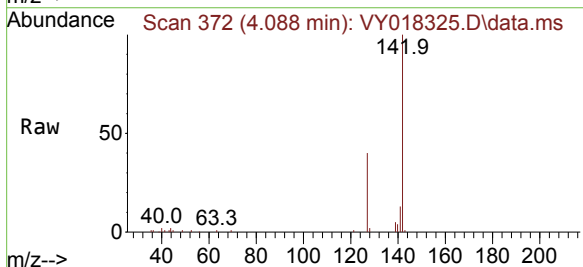
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

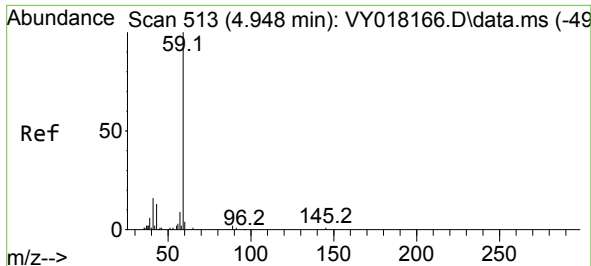
Tgt Ion:101 Resp: 33373
Ion Ratio Lower Upper
101 100
85 46.2 34.5 51.7
151 73.4 61.7 92.5



#10
Methyl Iodide
Concen: 19.334 ug/l
RT: 4.088 min Scan# 372
Delta R.T. 0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion:142 Resp: 35270
Ion Ratio Lower Upper
142 100
127 42.9 32.8 49.2
141 14.5 11.4 17.2

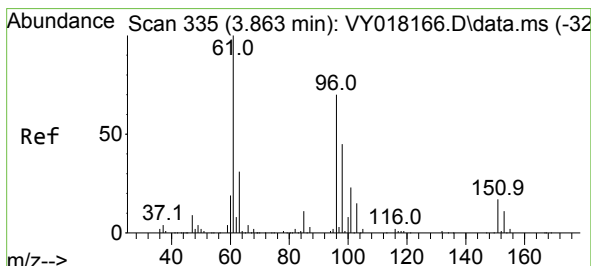
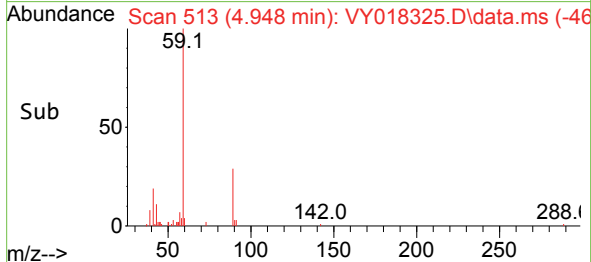
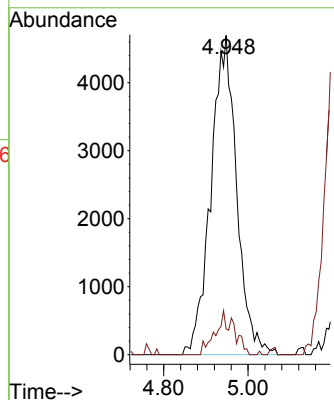
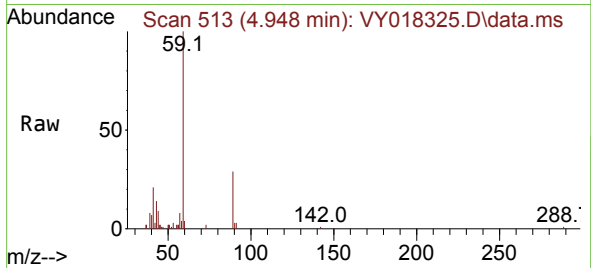




#11
Tert butyl alcohol
Concen: 186.178 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

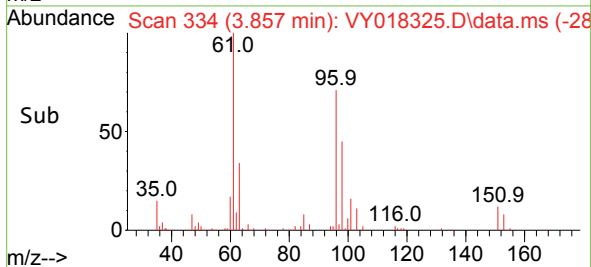
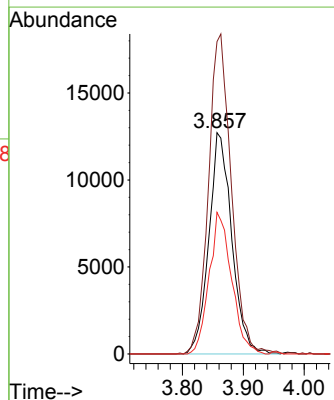
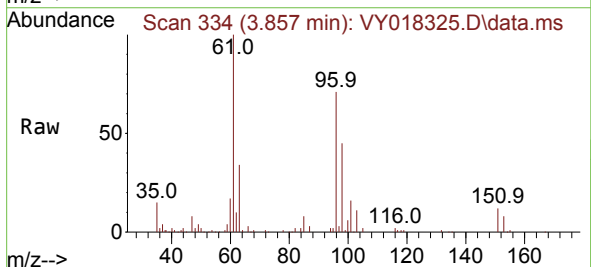
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

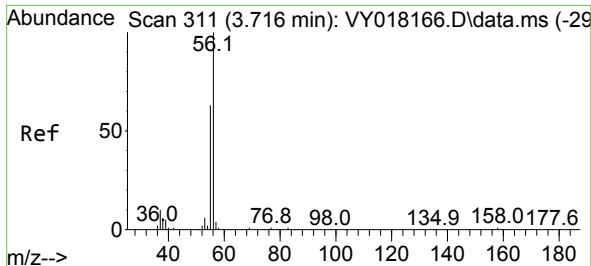
Tgt Ion: 59 Resp: 19894
Ion Ratio Lower Upper
59 100
57 6.4 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 21.136 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 96 Resp: 33239
Ion Ratio Lower Upper
96 100
61 140.7 114.6 171.8
98 64.0 50.8 76.2

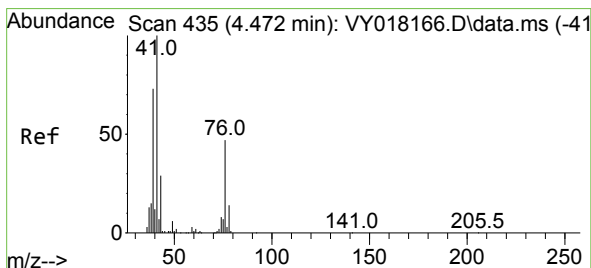
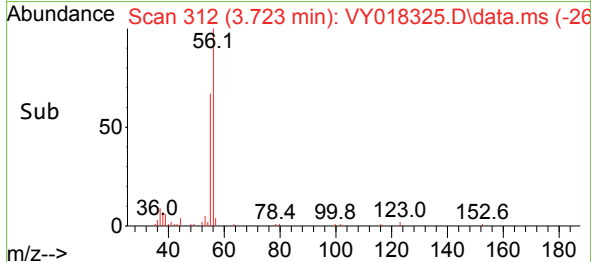
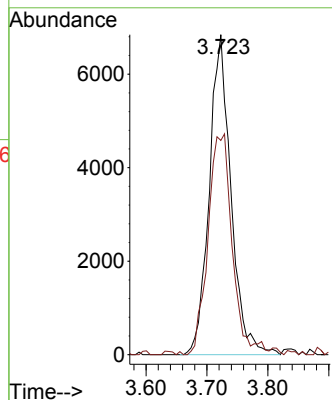
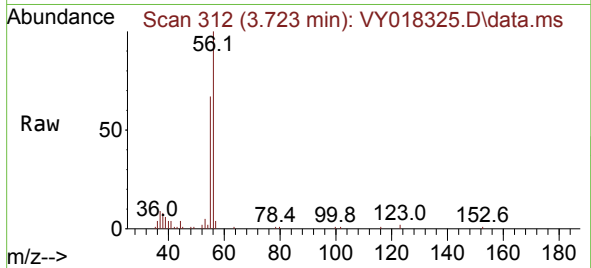




#13
Acrolein
Concen: 143.002 ug/l
RT: 3.723 min Scan# 311
Delta R.T. 0.007 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

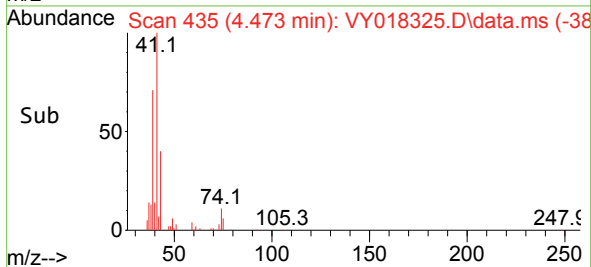
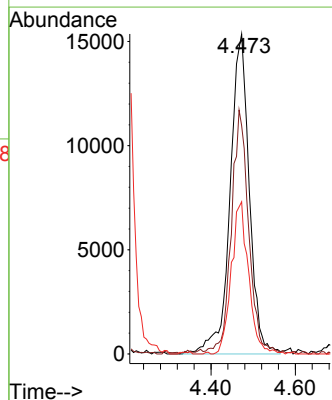
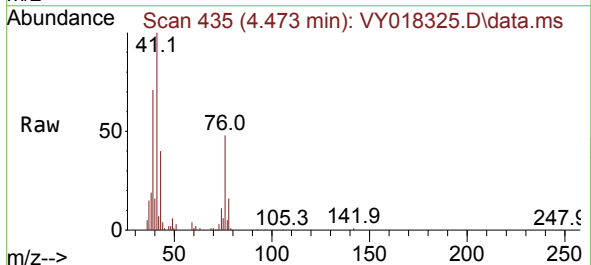
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

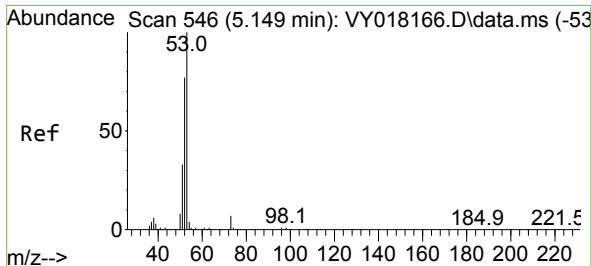
Tgt Ion: 56 Resp: 16945
Ion Ratio Lower Upper
56 100
55 75.9 55.7 83.5



#14
Allyl chloride
Concen: 24.315 ug/l
RT: 4.473 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 41 Resp: 48646
Ion Ratio Lower Upper
41 100
39 67.9 58.3 87.5
76 42.8 39.0 58.6

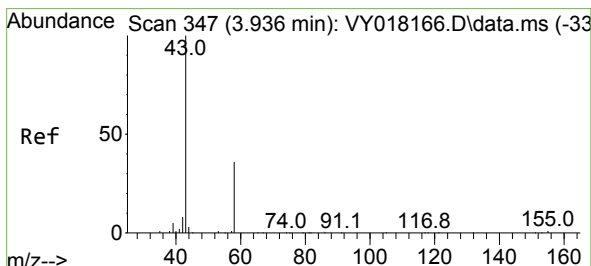
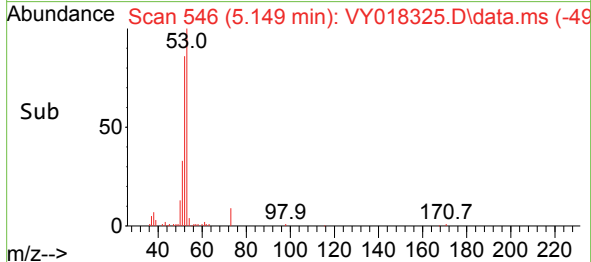
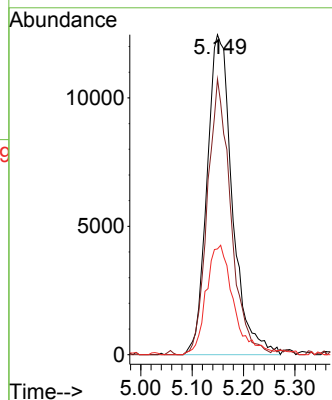
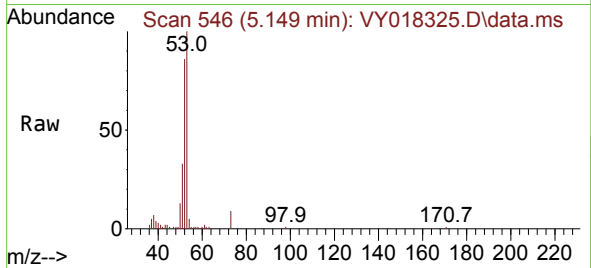




#15
Acrylonitrile
Concen: 137.440 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

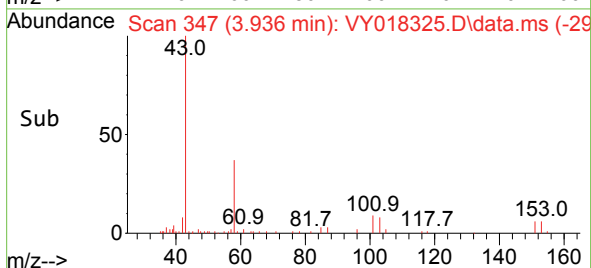
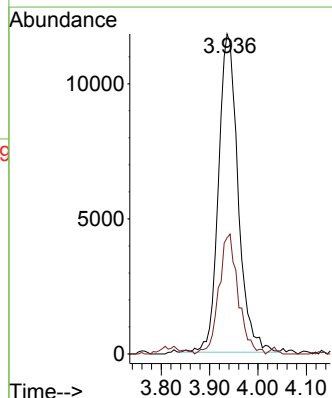
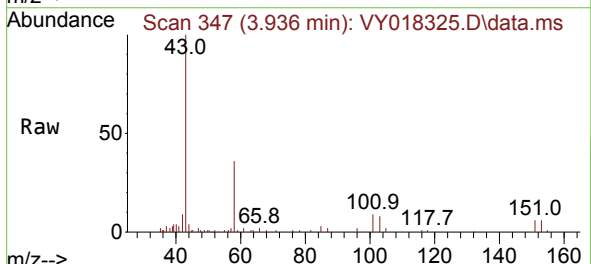
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

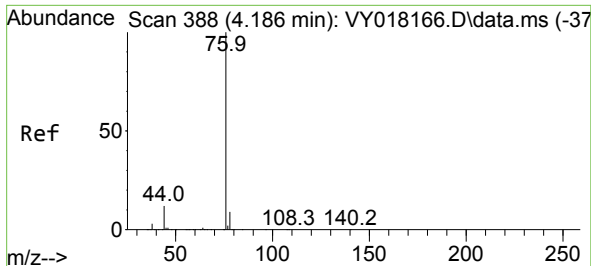
Tgt Ion: 53 Resp: 42650
Ion Ratio Lower Upper
53 100
52 79.5 64.7 97.1
51 36.9 28.4 42.6



#16
Acetone
Concen: 138.946 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 43 Resp: 33172
Ion Ratio Lower Upper
43 100
58 36.0 31.7 47.5

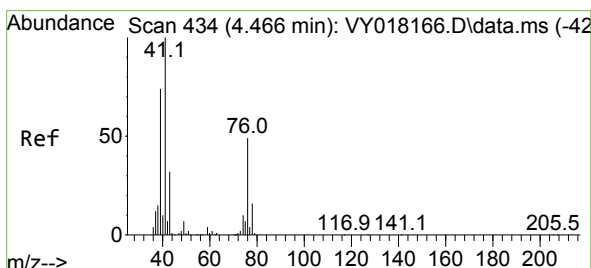
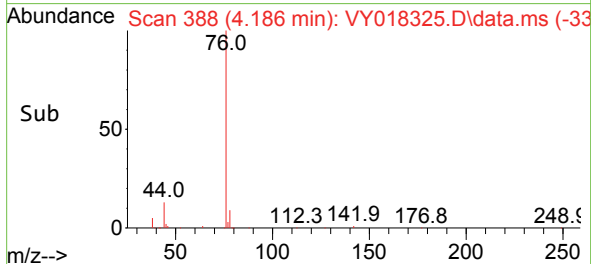
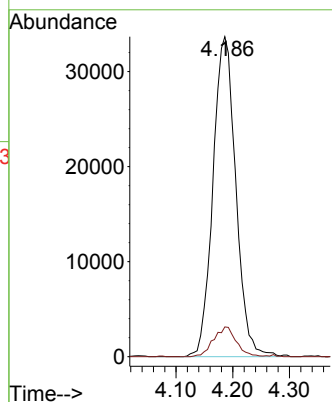
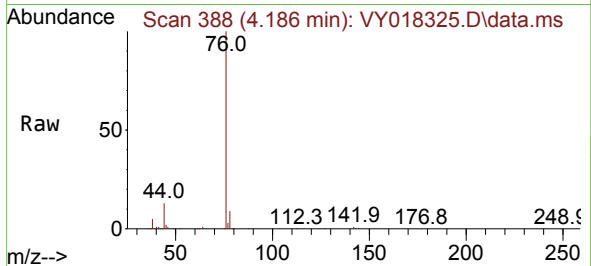




#17
Carbon Disulfide
Concen: 22.001 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

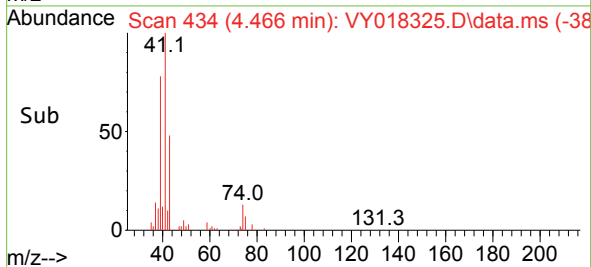
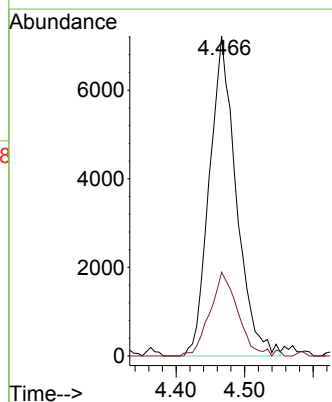
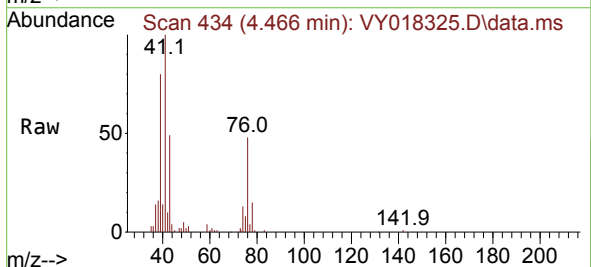
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

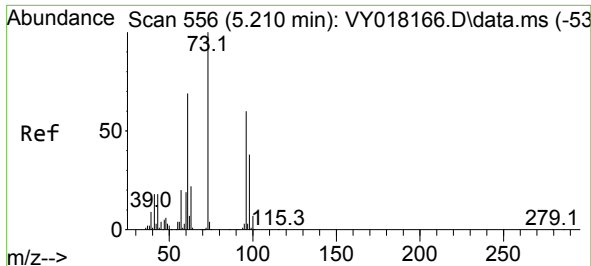
Tgt Ion: 76 Resp: 94195
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 28.910 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 43 Resp: 19661
Ion Ratio Lower Upper
43 100
74 27.0 23.3 34.9

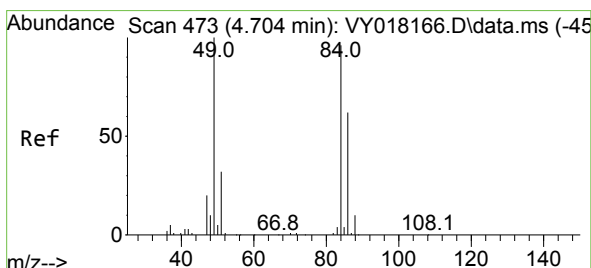
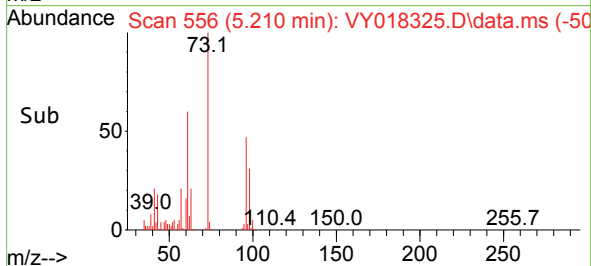
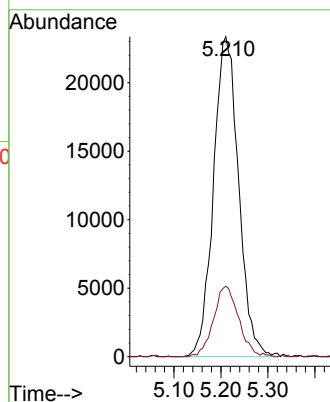
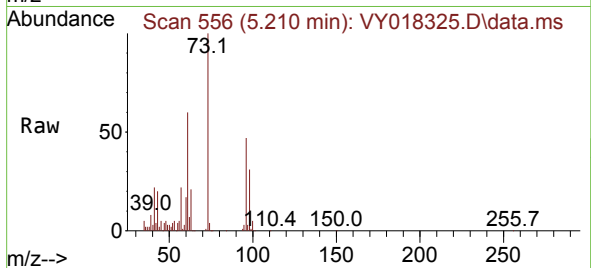




#19
Methyl tert-butyl Ether
Concen: 24.743 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

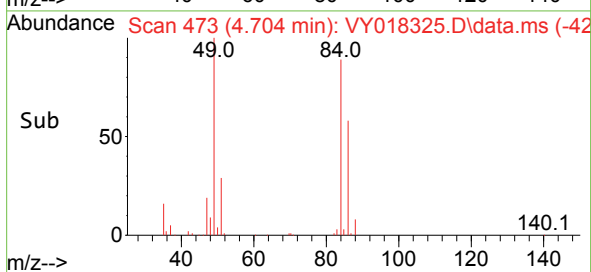
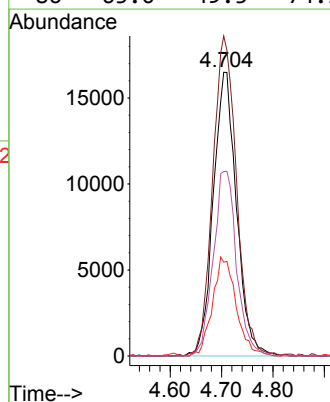
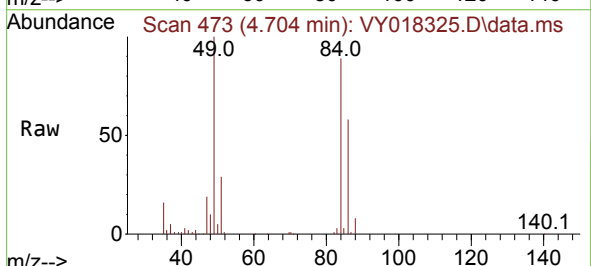
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

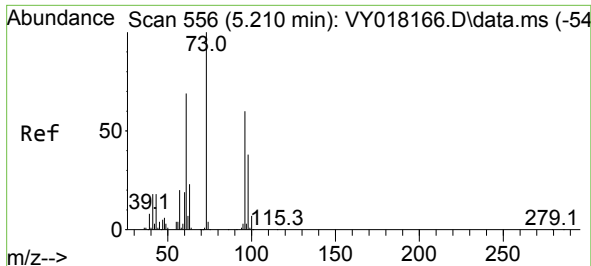
Tgt Ion: 73 Resp: 86679
Ion Ratio Lower Upper
73 100
57 22.0 17.3 25.9



#20
Methylene Chloride
Concen: 30.674 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

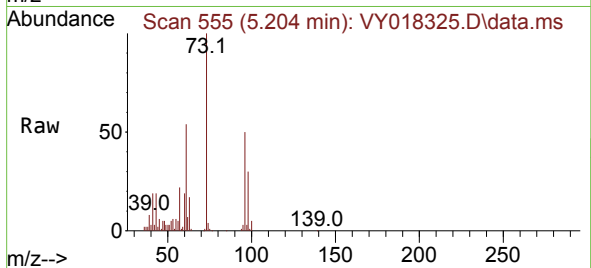
Tgt Ion: 84 Resp: 51761
Ion Ratio Lower Upper
84 100
49 112.4 84.4 126.6
51 33.1 26.0 39.0
86 65.0 49.5 74.3





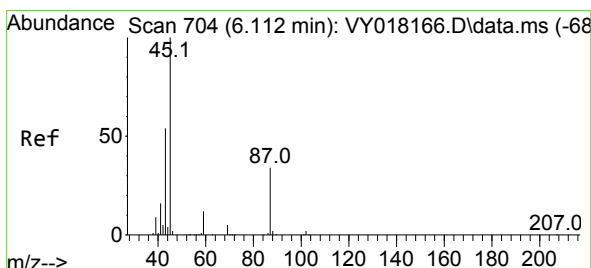
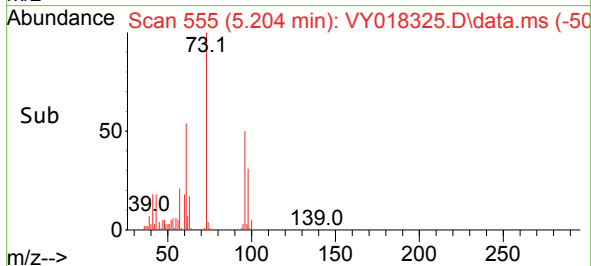
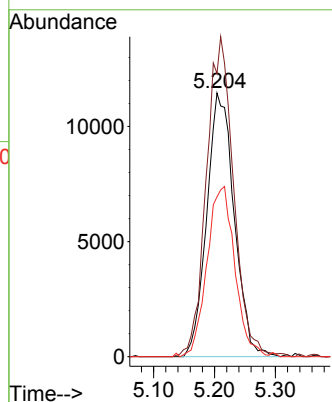
#21
trans-1,2-Dichloroethene
Concen: 21.515 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01



Tgt Ion: 96 Resp: 35867

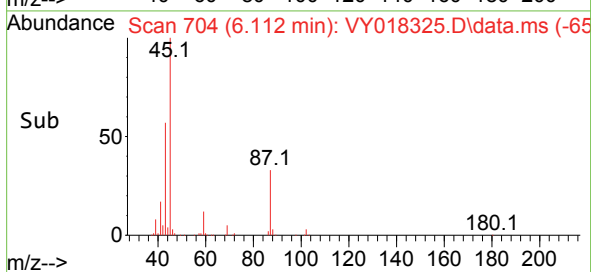
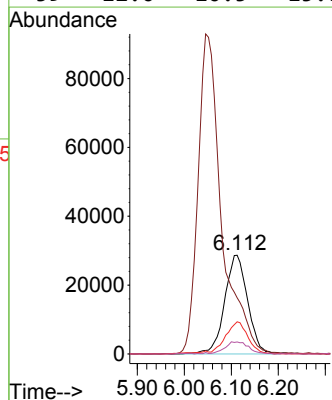
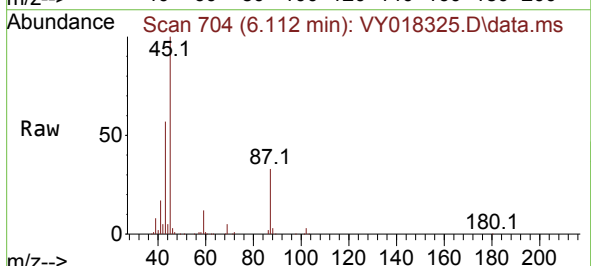
Ion	Ratio	Lower	Upper
96	100		
61	106.4	97.5	146.3
98	60.6	50.5	75.7

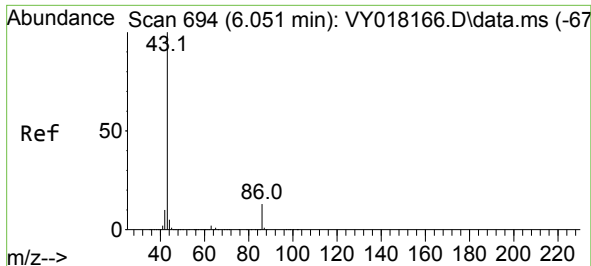


#22
Diisopropyl ether
Concen: 22.928 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 45 Resp: 97308

Ion	Ratio	Lower	Upper
45	100		
43	55.8	42.2	63.2
87	32.4	25.0	37.6
59	12.0	10.5	15.7

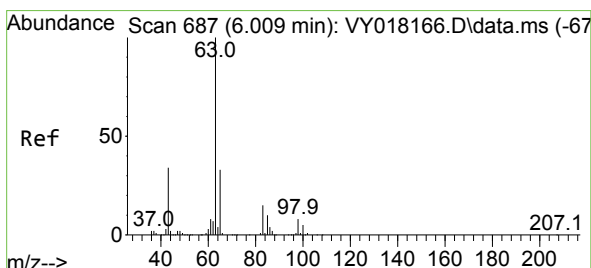
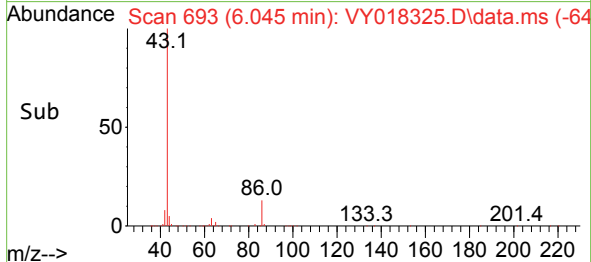
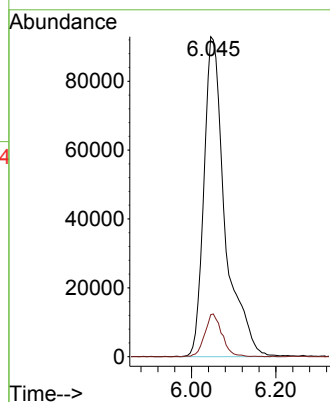
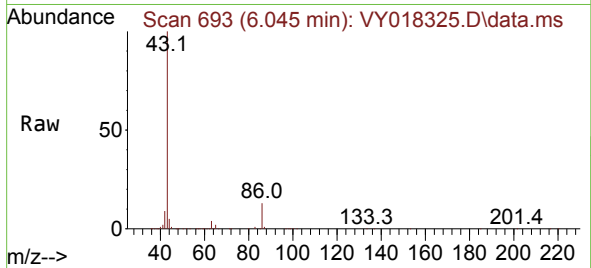




#23
 Vinyl Acetate
 Concen: 125.631 ug/l
 RT: 6.045 min Scan# 694
 Delta R.T. -0.006 min
 Lab File: VY018325.D
 Acq: 20 May 2024 11:10

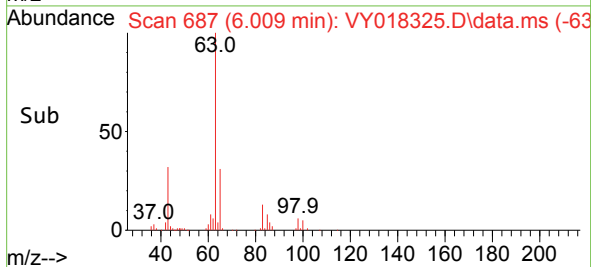
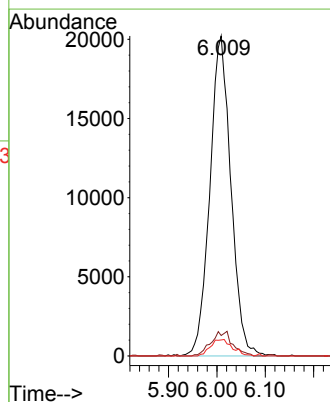
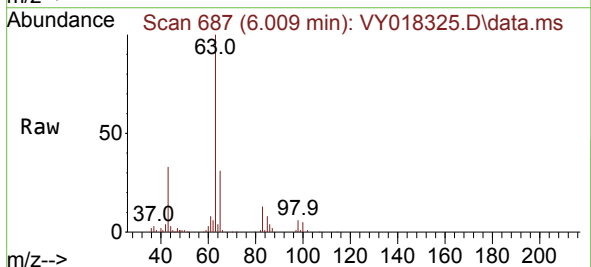
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

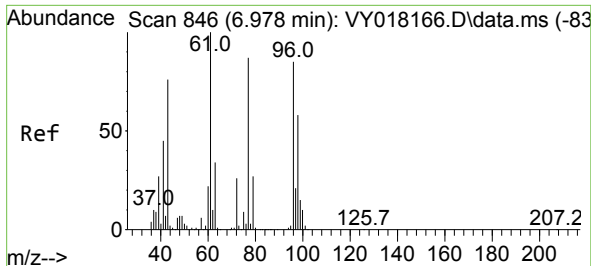
Tgt Ion: 43 Resp: 324070
 Ion Ratio Lower Upper
 43 100
 86 13.2 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 23.390 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018325.D
 Acq: 20 May 2024 11:10

Tgt Ion: 63 Resp: 61141
 Ion Ratio Lower Upper
 63 100
 98 6.4 4.0 12.2
 100 5.0 2.6 8.0

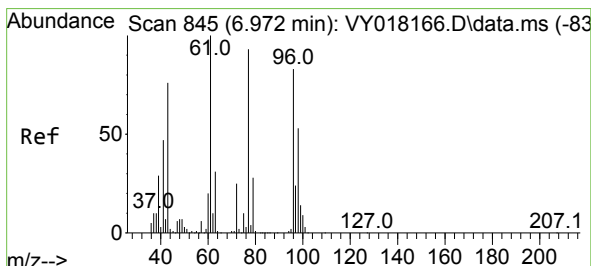
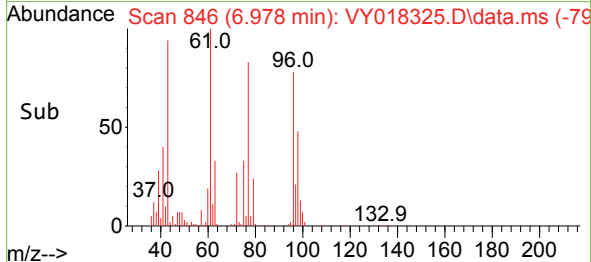
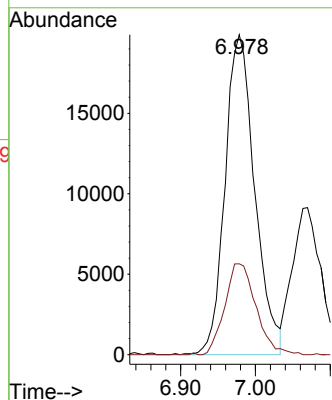
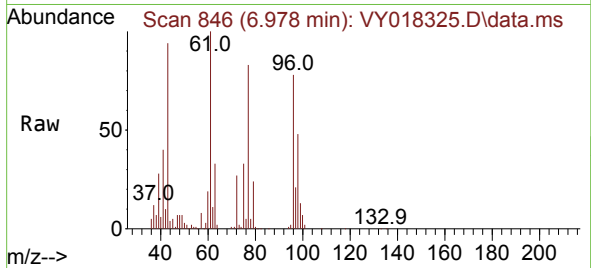




#25
2-Butanone
Concen: 143.979 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

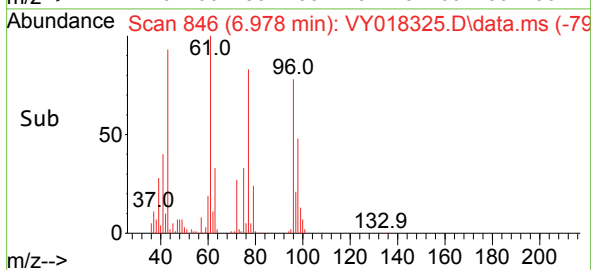
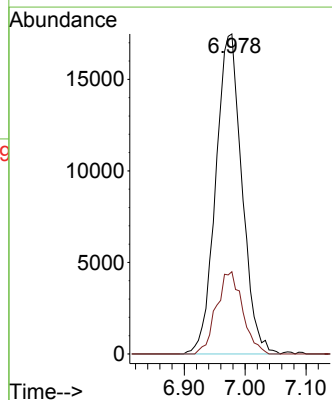
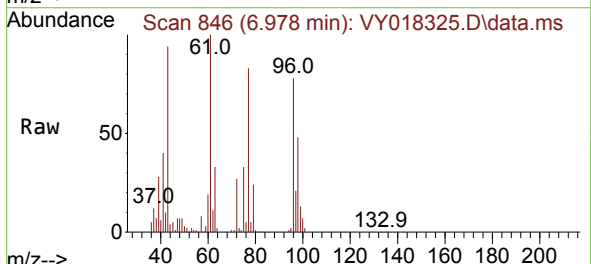
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

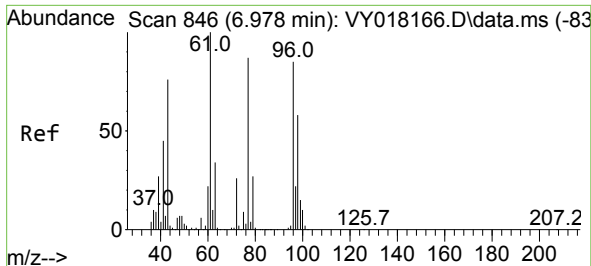
Tgt Ion: 43 Resp: 54946
Ion Ratio Lower Upper
43 100
72 28.4 27.3 40.9



#26
2,2-Dichloropropane
Concen: 22.077 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 77 Resp: 52232
Ion Ratio Lower Upper
77 100
97 25.6 12.0 36.1

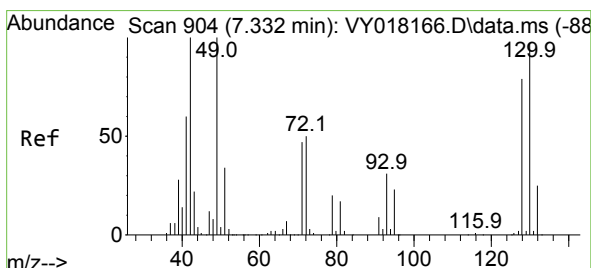
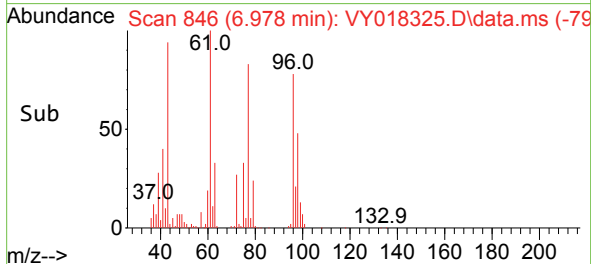
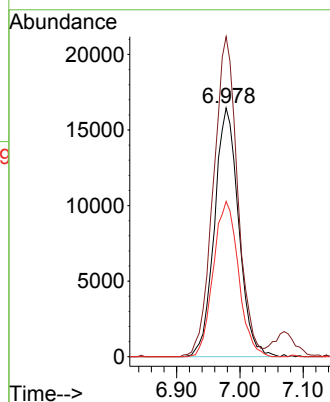
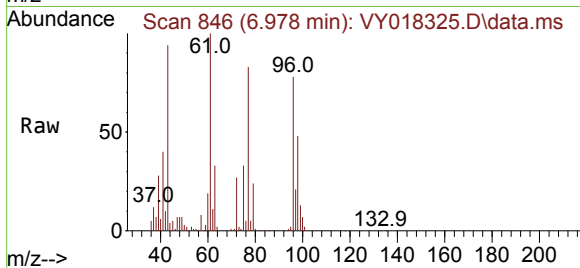




#27
 cis-1,2-Dichloroethene
 Concen: 22.171 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018325.D
 Acq: 20 May 2024 11:10

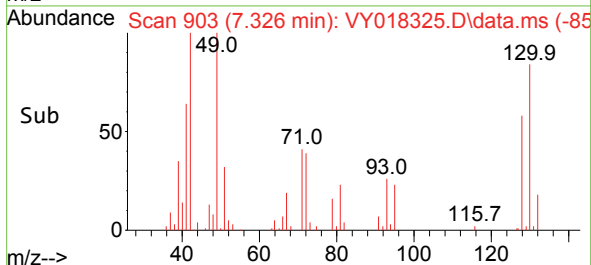
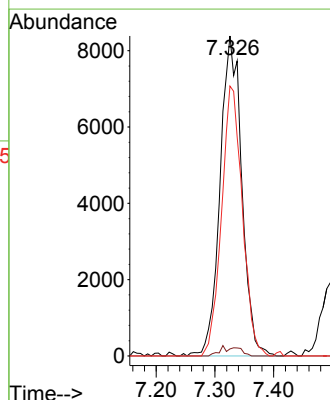
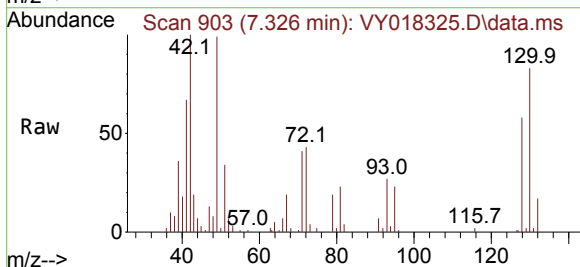
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBS01

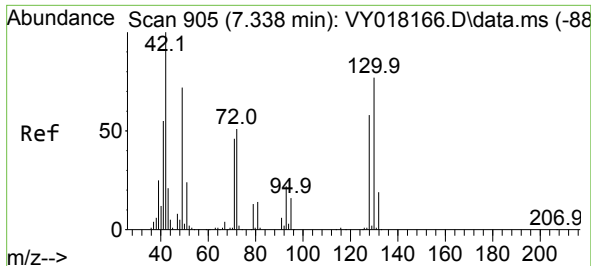
Tgt Ion:	96	Resp:	43678
Ion	Ratio	Lower	Upper
96	100		
61	129.2	0.0	256.2
98	64.8	0.0	130.0



#28
 Bromochloromethane
 Concen: 20.561 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018325.D
 Acq: 20 May 2024 11:10

Tgt Ion:	49	Resp:	21482
Ion	Ratio	Lower	Upper
49	100		
129	1.3	0.0	4.6
130	80.8	72.7	109.1





#29

Tetrahydrofuran

Concen: 139.854 ug/l

RT: 7.344 min Scan# 905

Delta R.T. 0.006 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

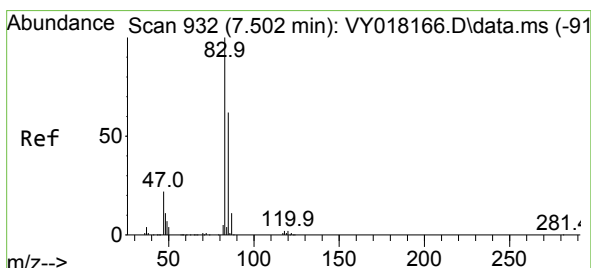
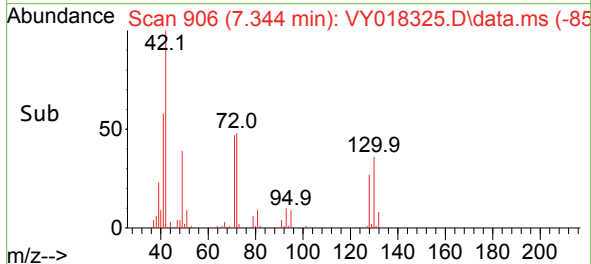
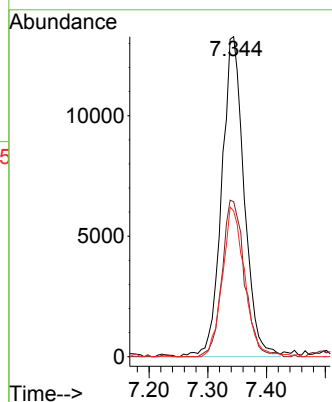
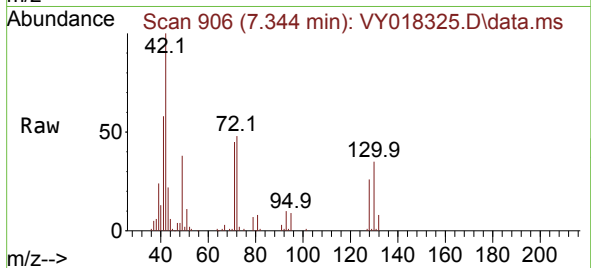
Tgt Ion: 42 Resp: 35230

Ion Ratio Lower Upper

42 100

72 49.1 43.0 64.4

71 46.7 40.8 61.2



#30

Chloroform

Concen: 22.764 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY018325.D

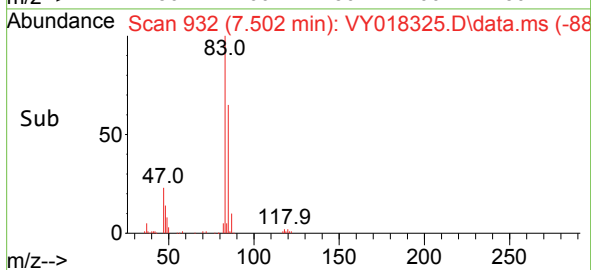
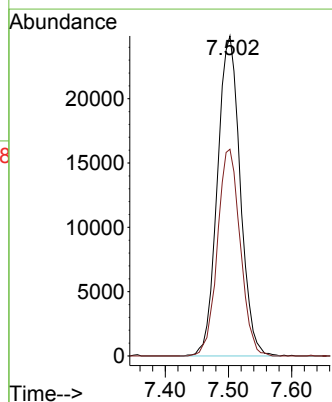
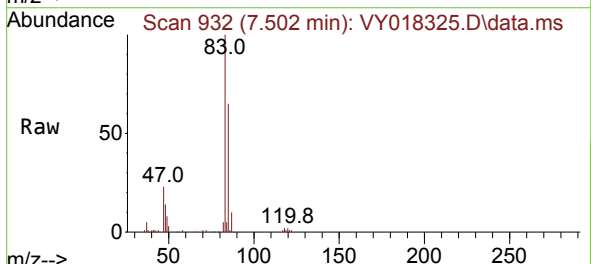
Acq: 20 May 2024 11:10

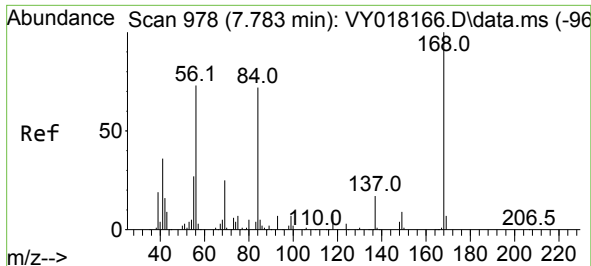
Tgt Ion: 83 Resp: 62121

Ion Ratio Lower Upper

83 100

85 64.6 52.2 78.4

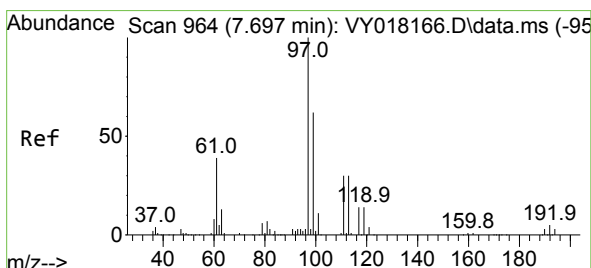
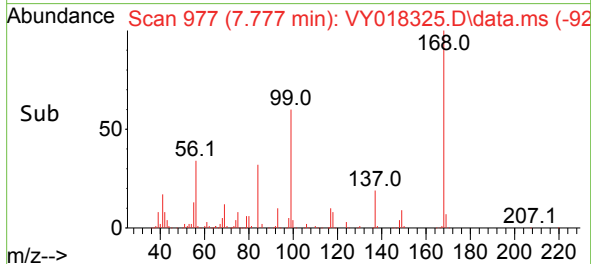
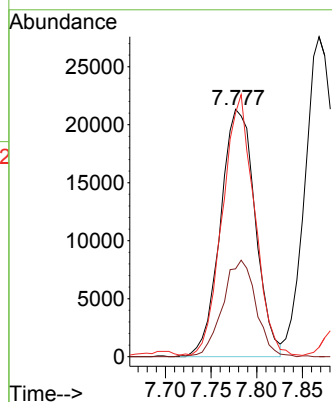
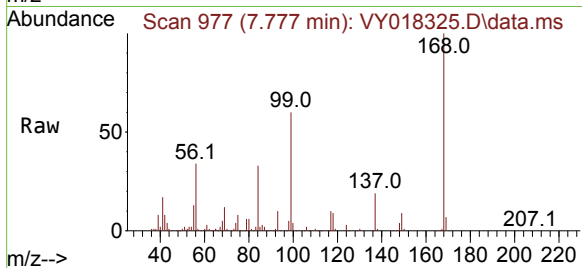




#31
Cyclohexane
Concen: 23.149 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

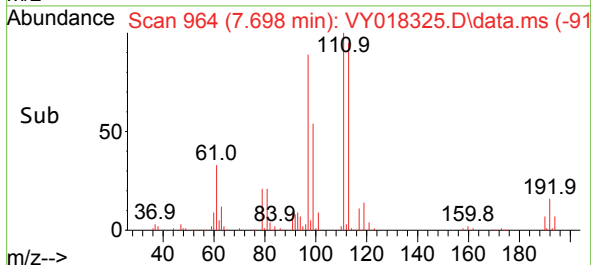
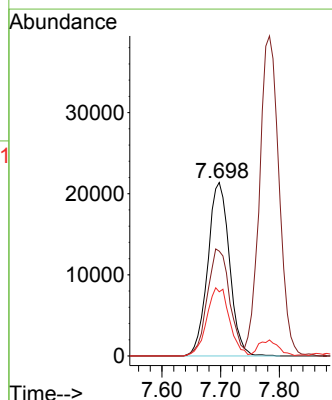
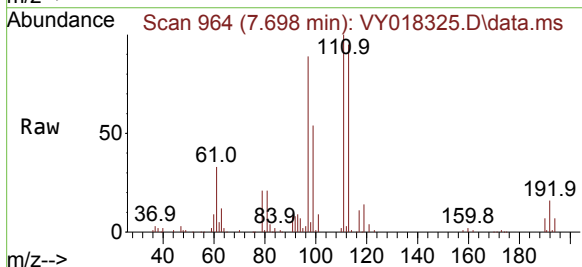
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

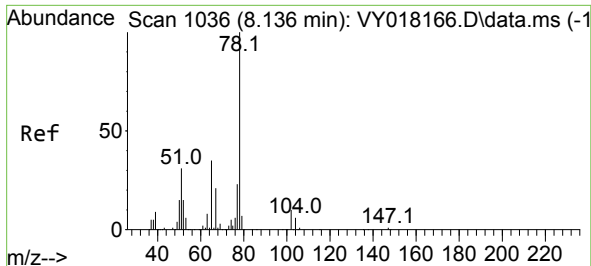
Tgt Ion: 56 Resp: 56568
Ion Ratio Lower Upper
56 100
69 35.0 28.7 43.1
84 97.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 22.392 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 97 Resp: 54768
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 41.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 63.536 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

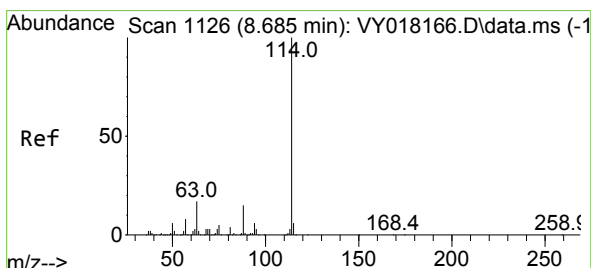
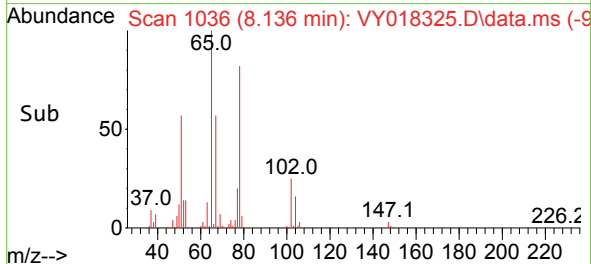
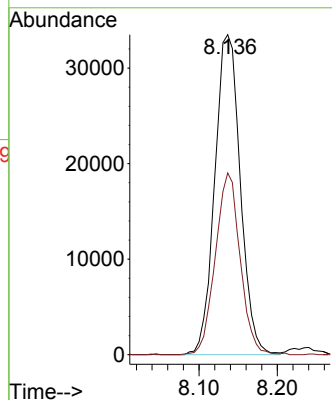
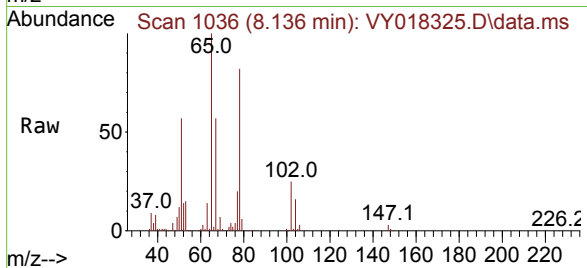
VY0520SBS01

Tgt Ion: 65 Resp: 76010

Ion Ratio Lower Upper

65 100

67 55.1 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: VY018325.D

Acq: 20 May 2024 11:10

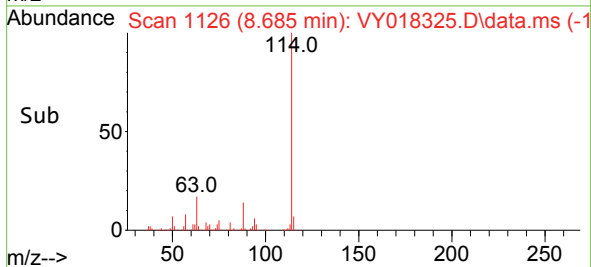
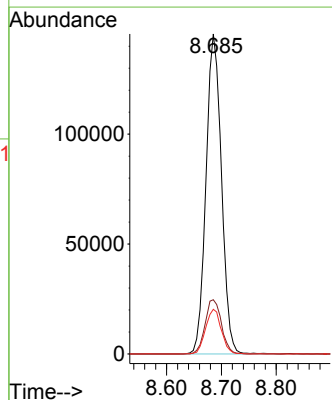
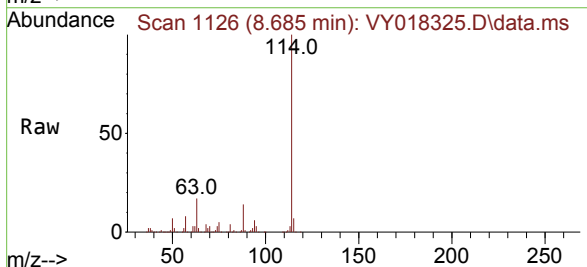
Tgt Ion: 114 Resp: 283970

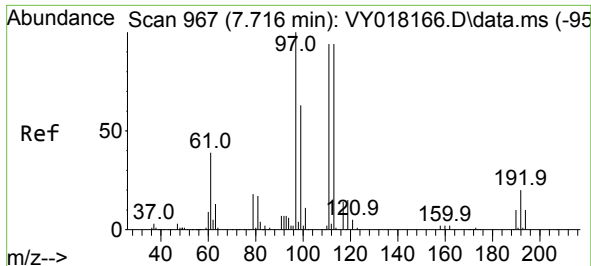
Ion Ratio Lower Upper

114 100

63 17.0 0.0 35.0

88 14.0 0.0 27.2

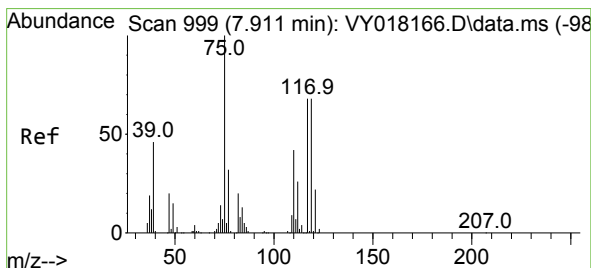
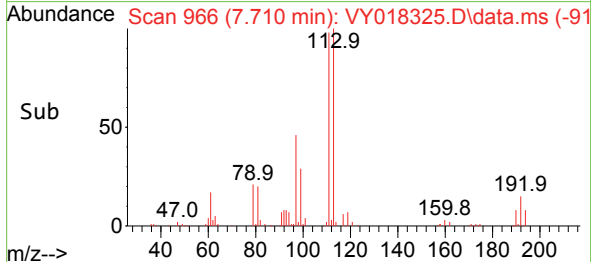
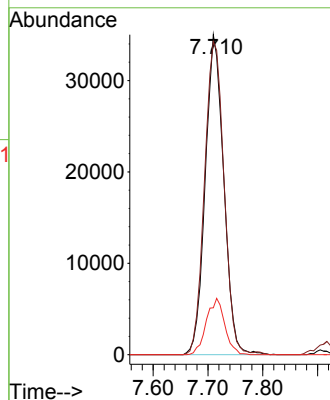
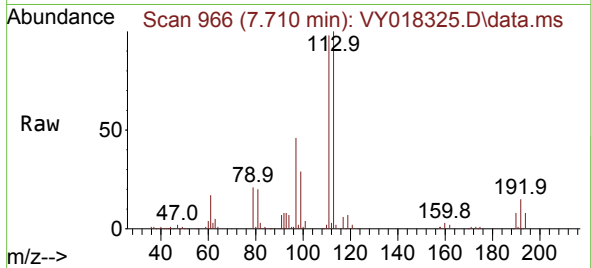




#35
Dibromofluoromethane
Concen: 54.851 ug/l
RT: 7.710 min Scan# 910
Delta R.T. -0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

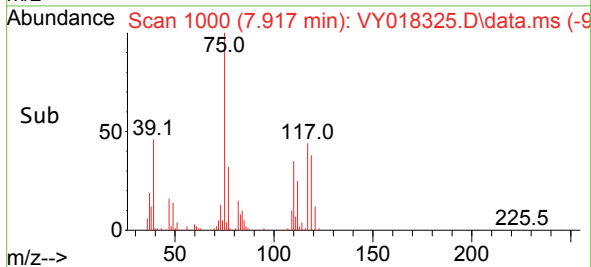
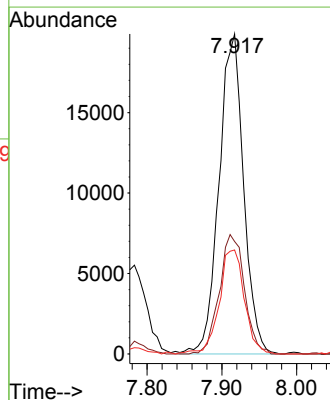
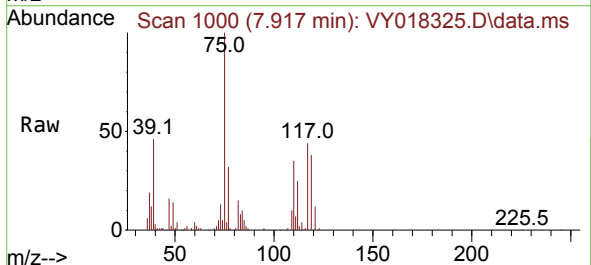
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

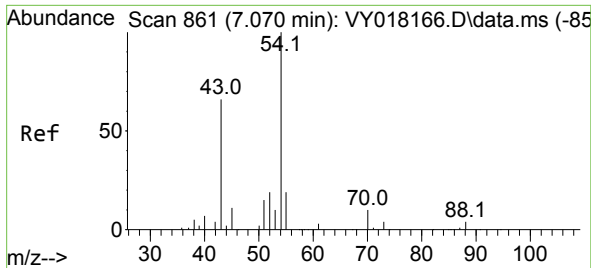
Tgt Ion:113 Resp: 81859
Ion Ratio Lower Upper
113 100
111 102.9 82.2 123.4
192 17.6 15.9 23.9



#36
1,1-Dichloropropene
Concen: 21.265 ug/l
RT: 7.917 min Scan# 1000
Delta R.T. 0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 75 Resp: 45496
Ion Ratio Lower Upper
75 100
110 38.1 19.0 57.0
77 33.4 25.3 37.9

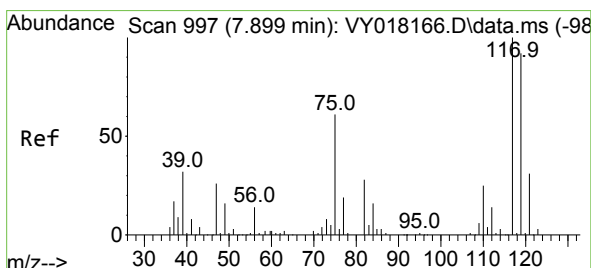
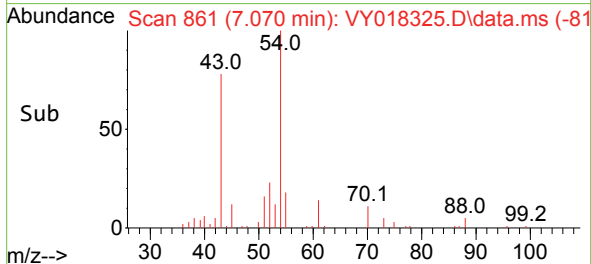
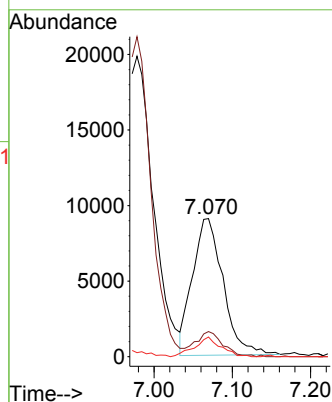
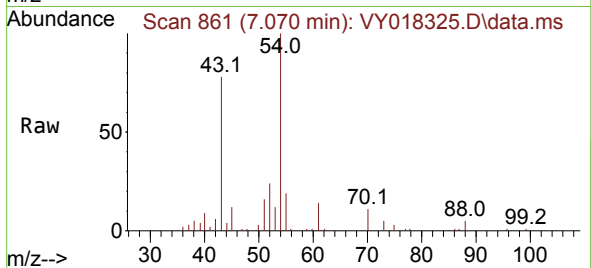




#37
Ethyl Acetate
Concen: 27.324 ug/l
RT: 7.070 min Scan# 861
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

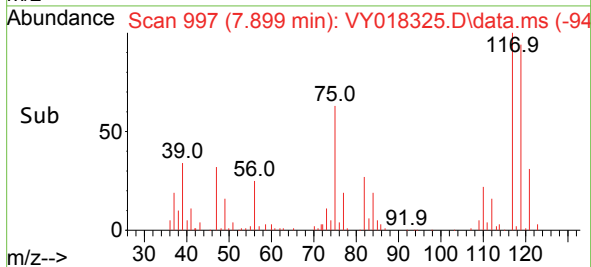
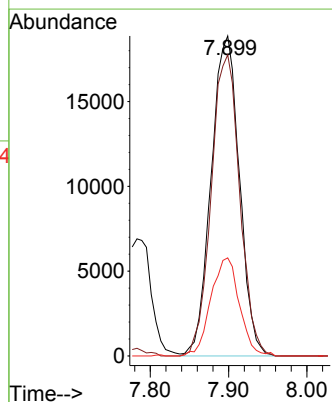
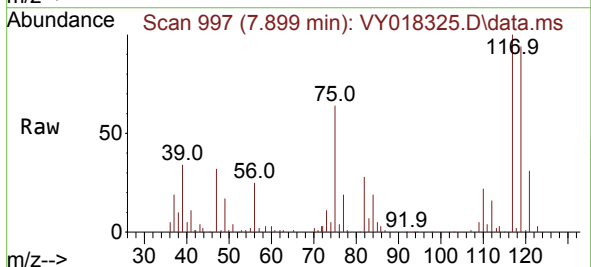
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

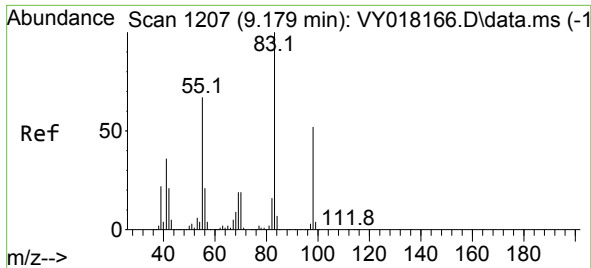
Tgt Ion: 43 Resp: 24604
Ion Ratio Lower Upper
43 100
61 16.3 12.6 19.0
70 12.2 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 20.248 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 117 Resp: 47333
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.6
121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 21.100 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

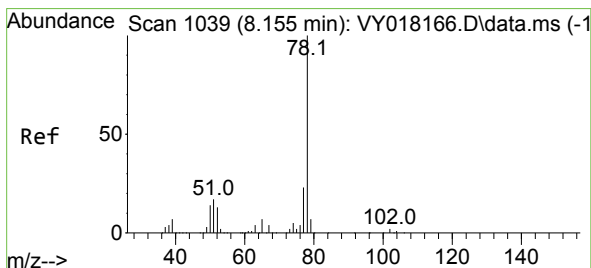
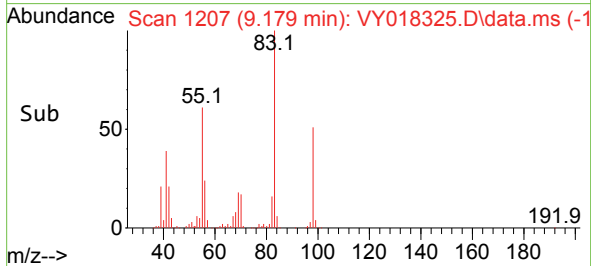
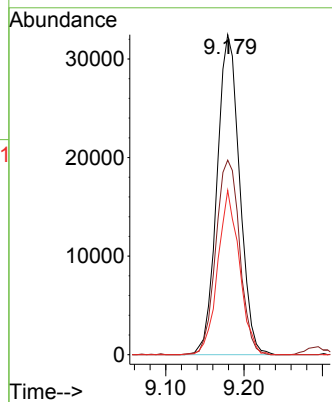
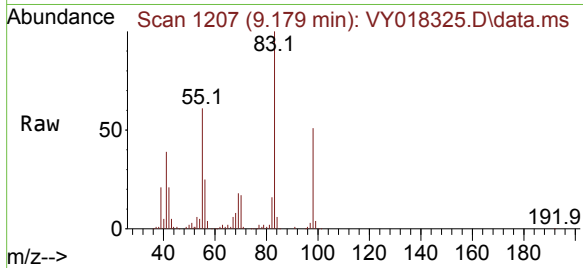
Tgt Ion: 83 Resp: 65125

Ion Ratio Lower Upper

83 100

55 60.8 51.5 77.3

98 51.3 40.5 60.7



#40

Benzene

Concen: 20.961 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018325.D

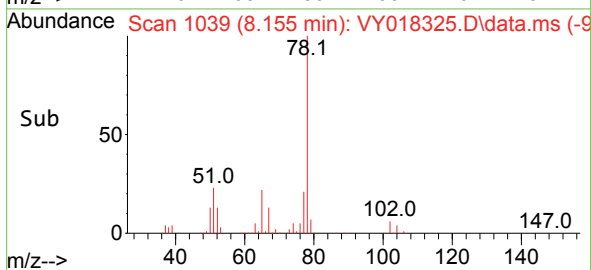
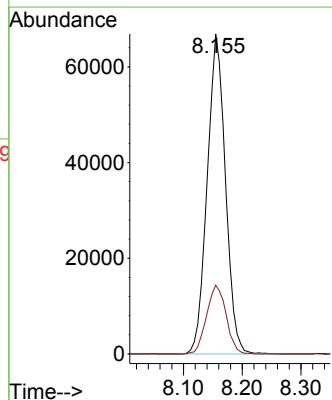
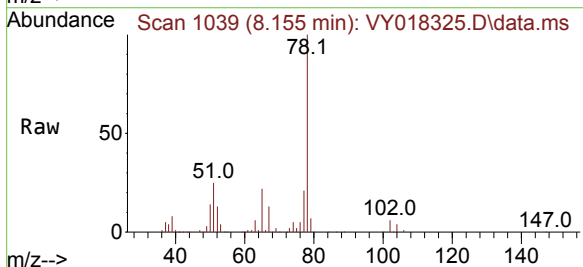
Acq: 20 May 2024 11:10

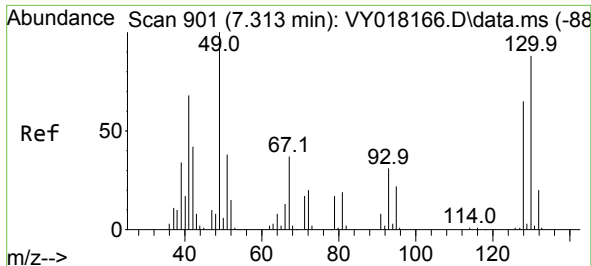
Tgt Ion: 78 Resp: 144252

Ion Ratio Lower Upper

78 100

77 21.5 19.5 29.3

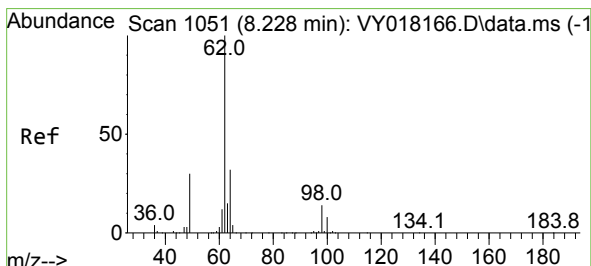
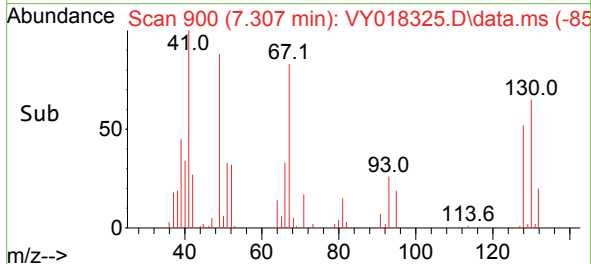
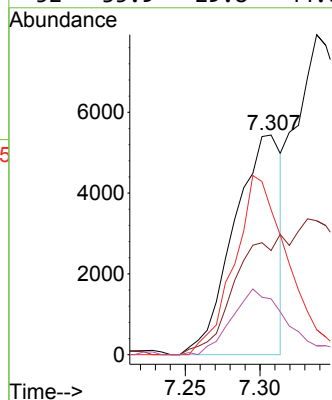
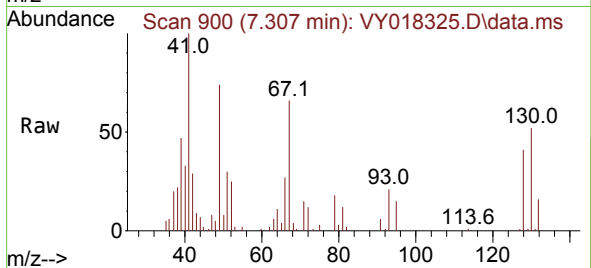




#41
Methacrylonitrile
Concen: 22.945 ug/l
RT: 7.307 min Scan# 901
Delta R.T. -0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

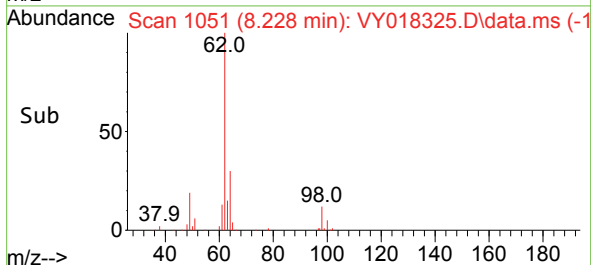
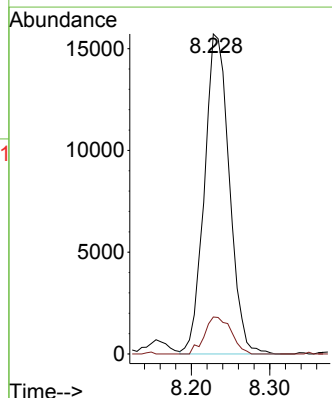
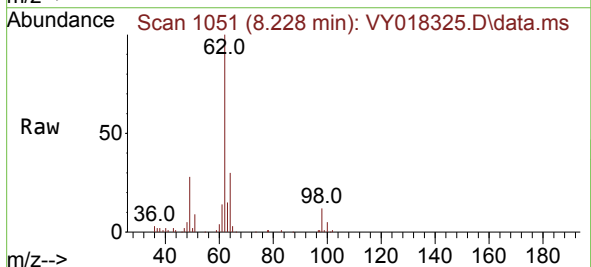
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

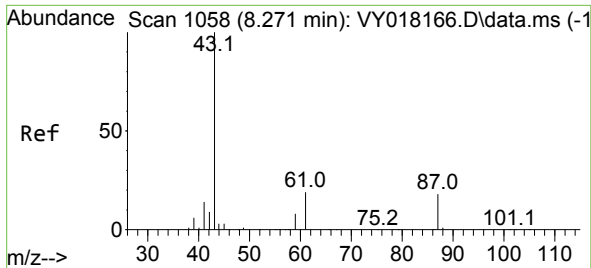
Tgt Ion: 41 Resp: 11931
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 94.9 75.1 112.7
52 35.9 29.8 44.6



#42
1,2-Dichloroethane
Concen: 23.213 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 62 Resp: 34758
Ion Ratio Lower Upper
62 100
98 12.3 0.0 22.0

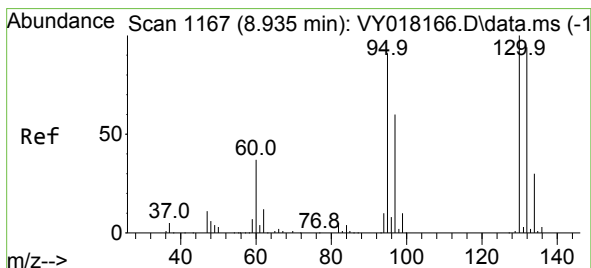
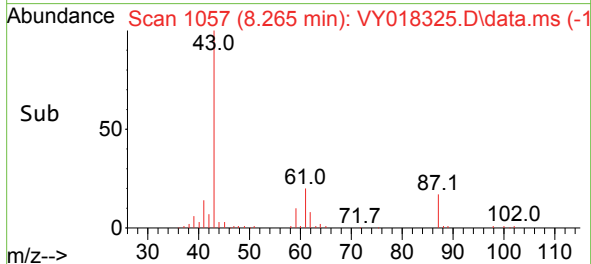
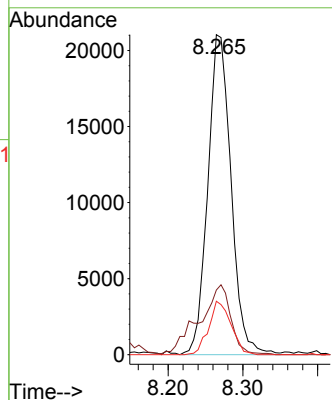
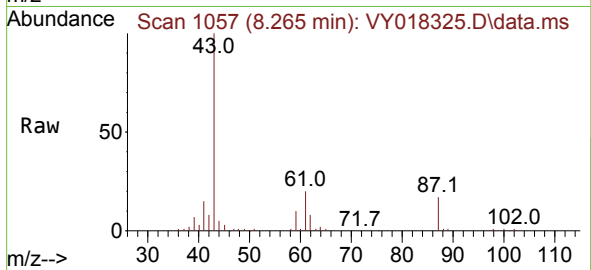




#43
Isopropyl Acetate
Concen: 24.702 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

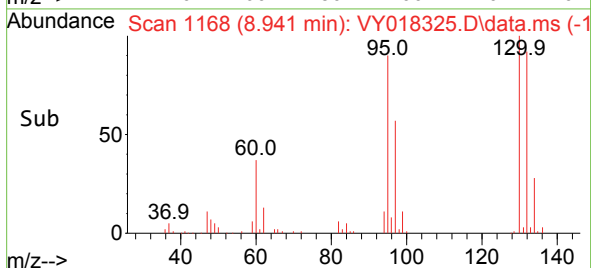
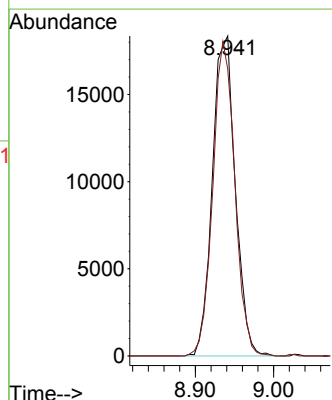
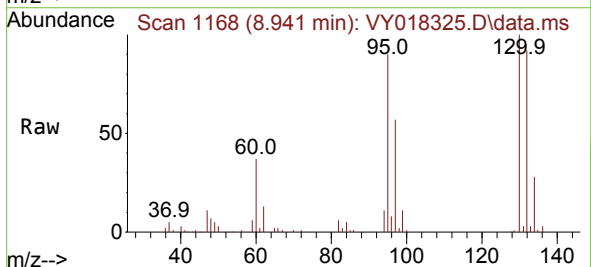
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

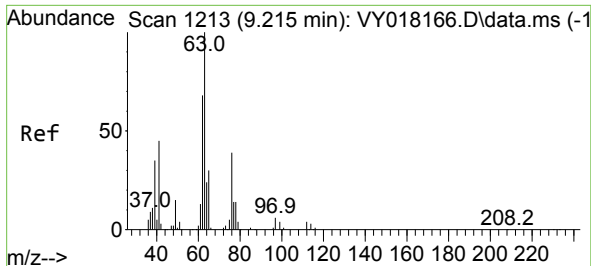
Tgt Ion: 43 Resp: 45593
Ion Ratio Lower Upper
43 100
61 29.7 27.9 41.9
87 16.0 13.1 19.7



#44
Trichloroethene
Concen: 19.952 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion:130 Resp: 37378
Ion Ratio Lower Upper
130 100
95 89.6 0.0 188.0





#45

1,2-Dichloropropane

Concen: 21.756 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

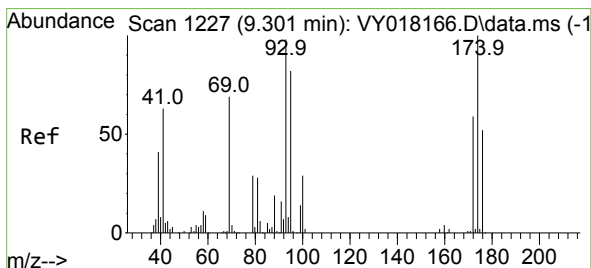
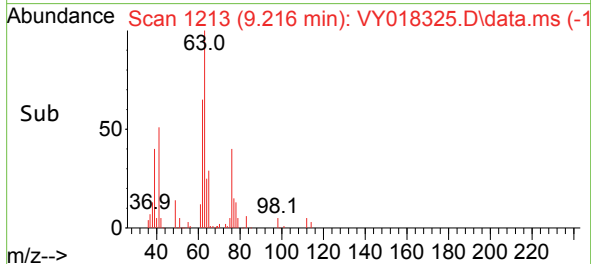
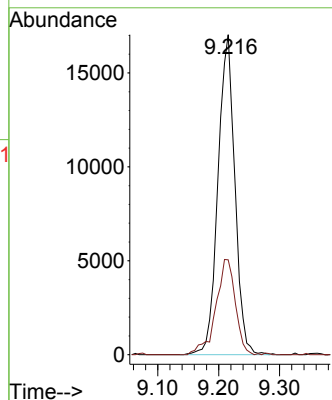
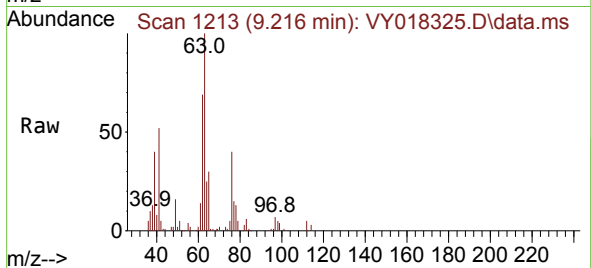
VY0520SBS01

Tgt Ion: 63 Resp: 32733

Ion Ratio Lower Upper

63 100

65 29.7 25.4 38.2



#46

Dibromomethane

Concen: 22.372 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

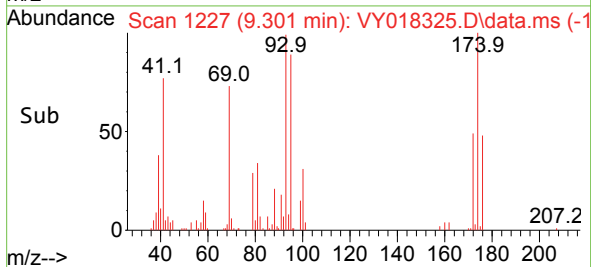
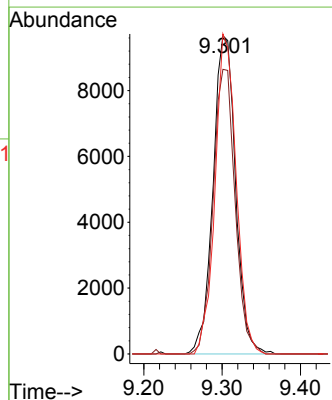
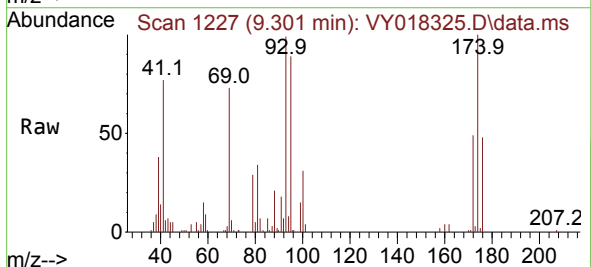
Tgt Ion: 93 Resp: 19350

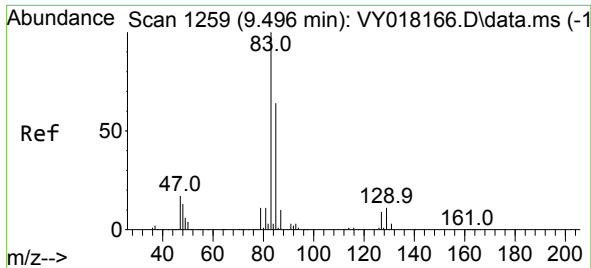
Ion Ratio Lower Upper

93 100

95 87.3 66.2 99.4

174 94.1 80.9 121.3

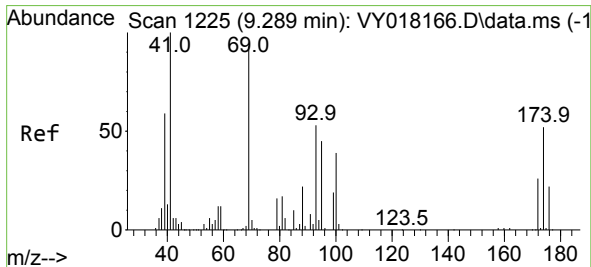
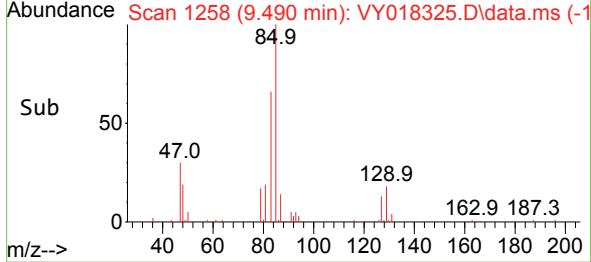
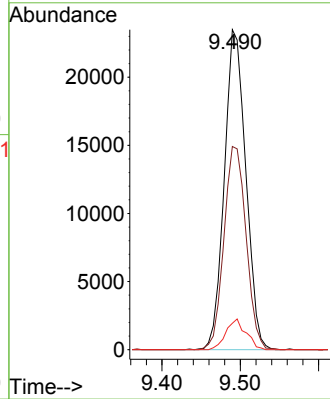
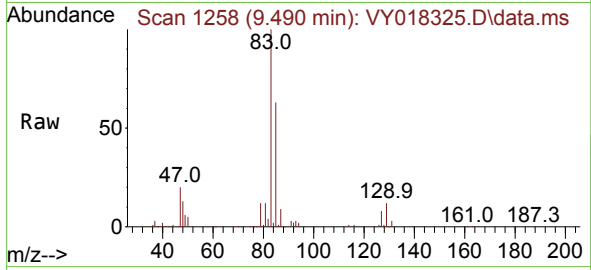




#47
Bromodichloromethane
Concen: 20.943 ug/l
RT: 9.490 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

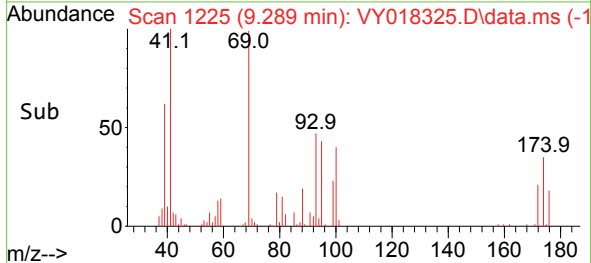
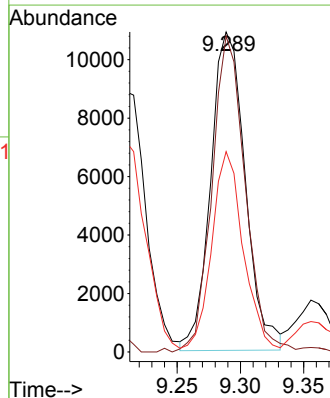
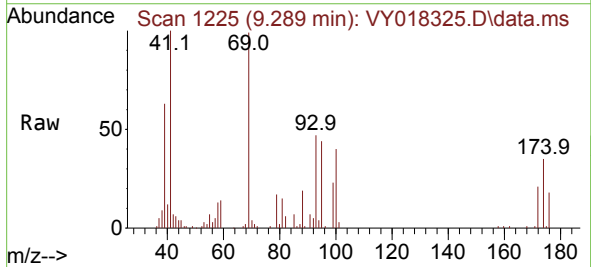
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

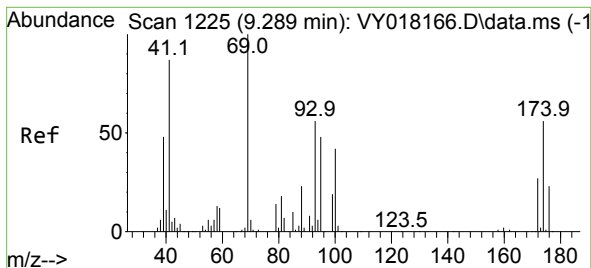
Tgt Ion: 83 Resp: 44781
Ion Ratio Lower Upper
83 100
85 63.5 50.1 75.1
127 8.2 7.4 11.0



#48
Methyl methacrylate
Concen: 24.514 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 41 Resp: 20737
Ion Ratio Lower Upper
41 100
69 95.1 84.1 126.1
39 55.4 43.6 65.4





#49

1,4-Dioxane

Concen: 438.904 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

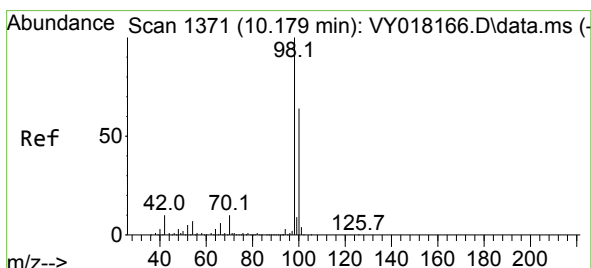
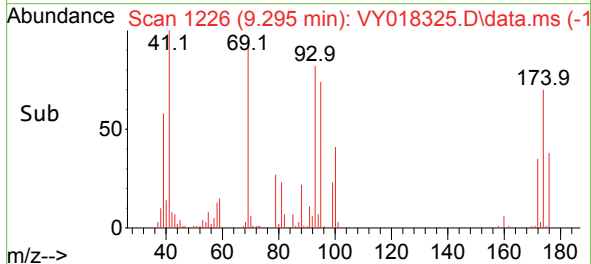
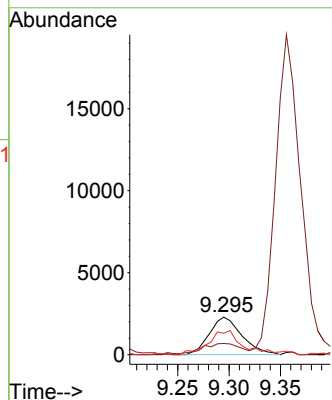
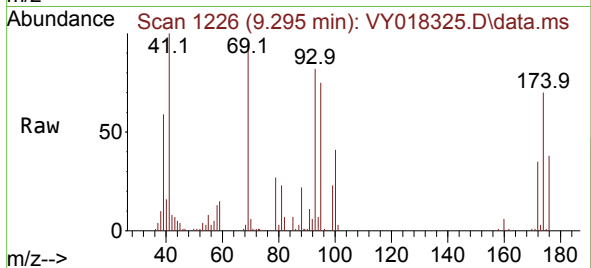
Tgt Ion: 88 Resp: 5039

Ion Ratio Lower Upper

88 100

43 36.4 0.0 0.0#

58 69.5 49.3 73.9



#50

Toluene-d8

Concen: 53.660 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018325.D

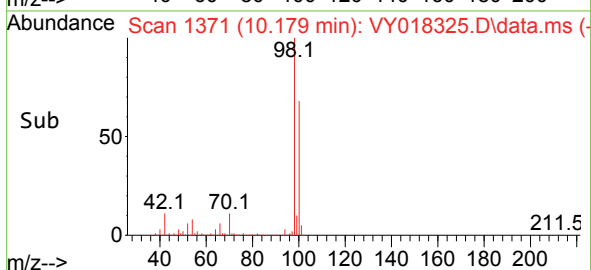
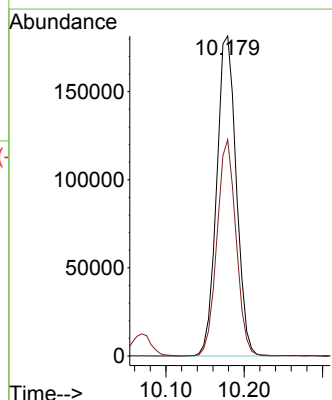
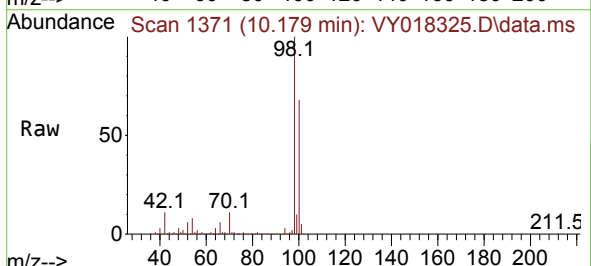
Acq: 20 May 2024 11:10

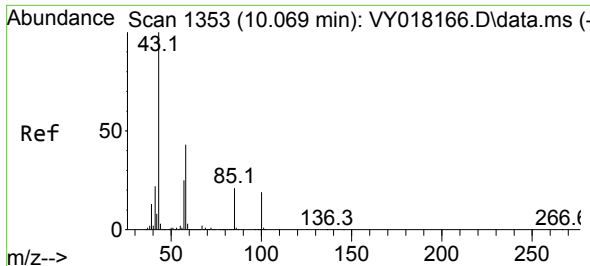
Tgt Ion: 98 Resp: 315572

Ion Ratio Lower Upper

98 100

100 65.8 52.0 78.0

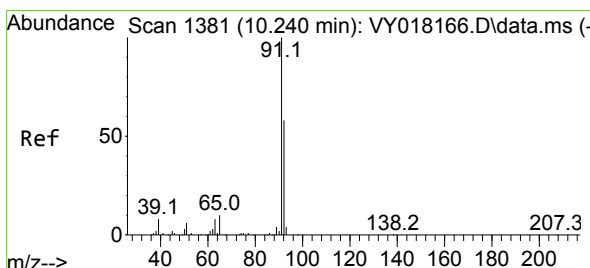
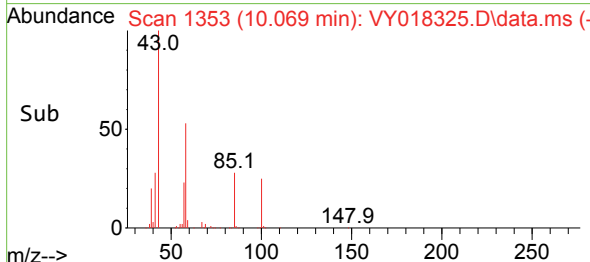
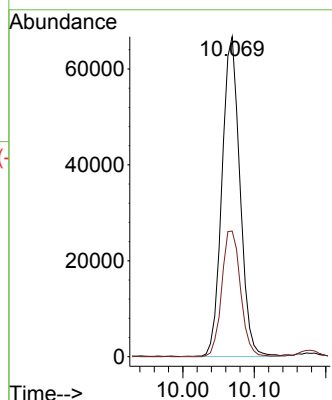
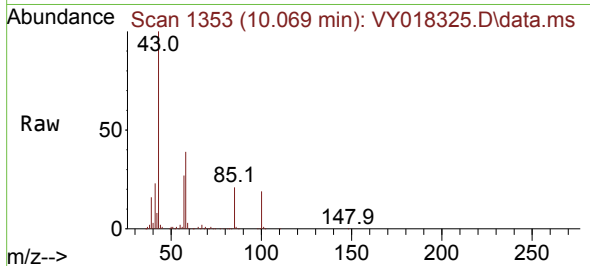




#51
4-Methyl-2-Pentanone
Concen: 125.461 ug/l
RT: 10.069 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

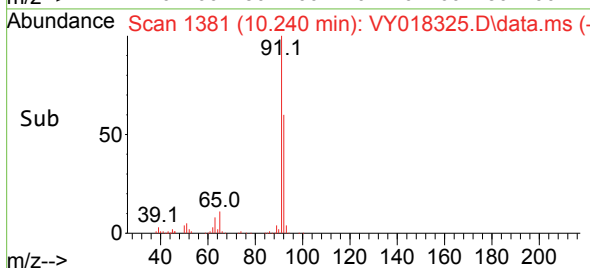
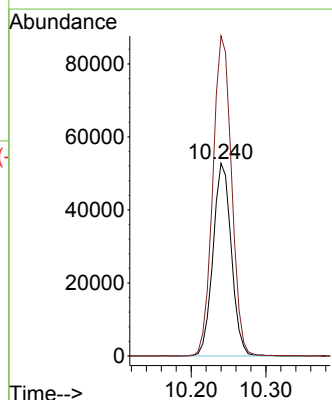
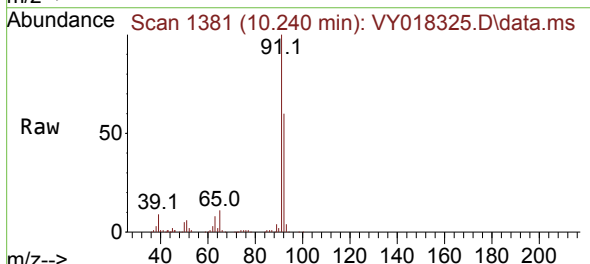
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

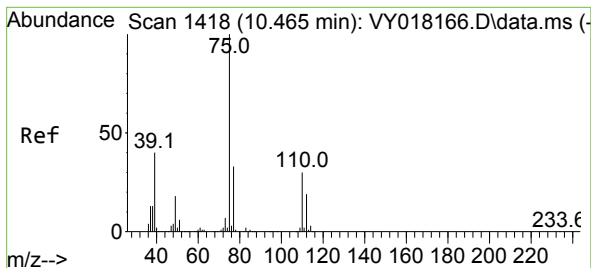
Tgt Ion: 43 Resp: 116388
Ion Ratio Lower Upper
43 100
58 41.2 35.7 53.5



#52
Toluene
Concen: 20.271 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 92 Resp: 89807
Ion Ratio Lower Upper
92 100
91 170.2 139.0 208.6

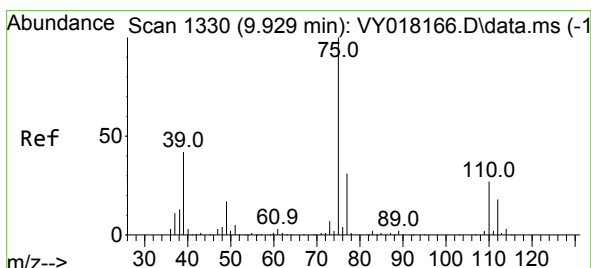
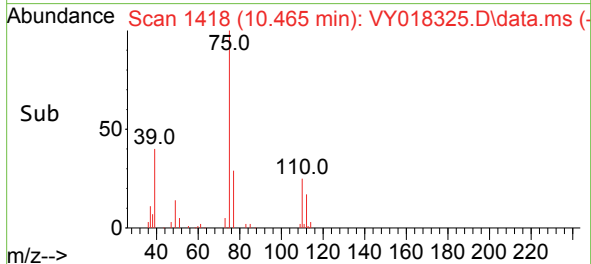
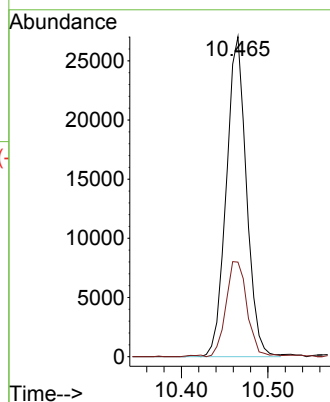
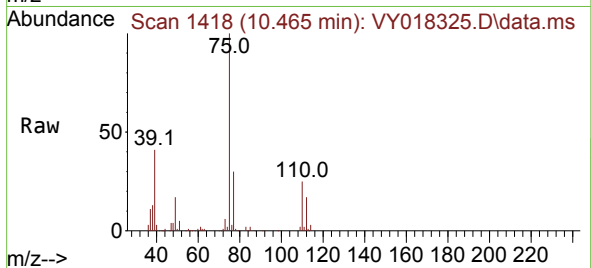




#53
t-1,3-Dichloropropene
Concen: 21.868 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

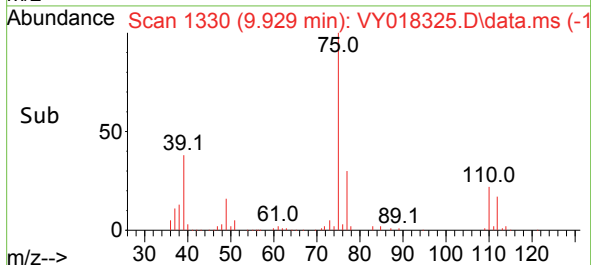
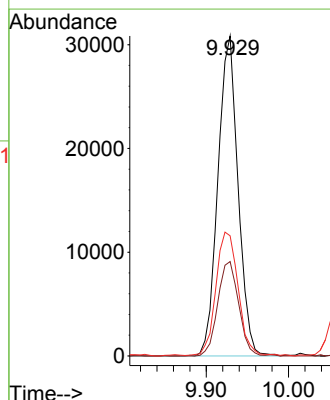
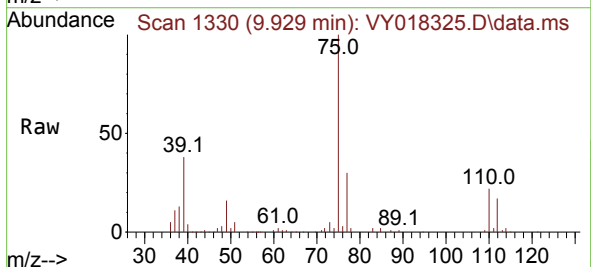
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

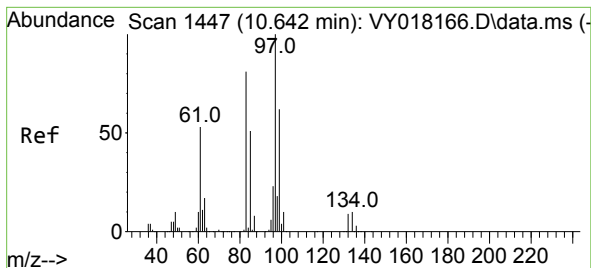
Tgt Ion: 75 Resp: 43675
Ion Ratio Lower Upper
75 100
77 29.6 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 21.516 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 75 Resp: 52529
Ion Ratio Lower Upper
75 100
77 29.5 25.4 38.0
39 37.4 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 22.136 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

Tgt Ion: 97 Resp: 26301

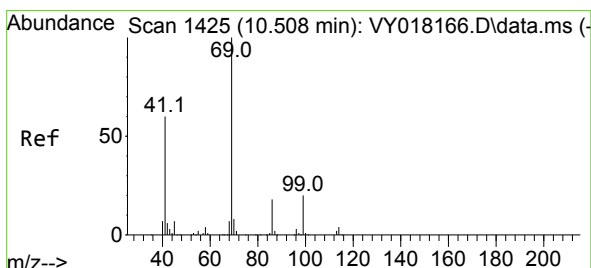
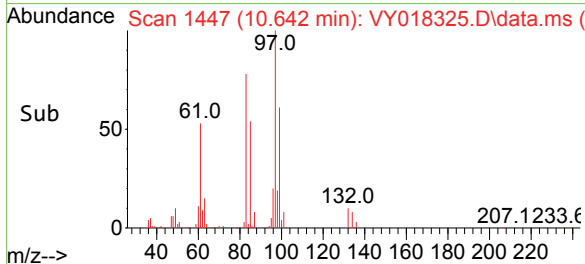
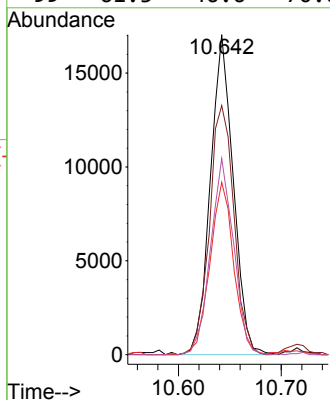
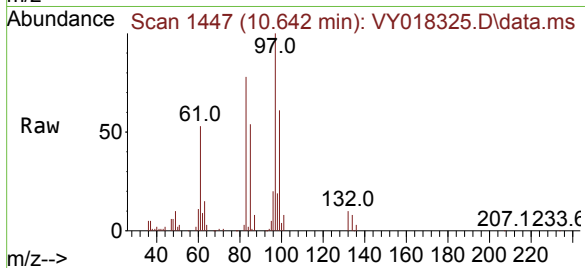
Ion Ratio Lower Upper

97 100

83 77.8 67.5 101.3

85 53.8 42.9 64.3

99 61.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.669 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

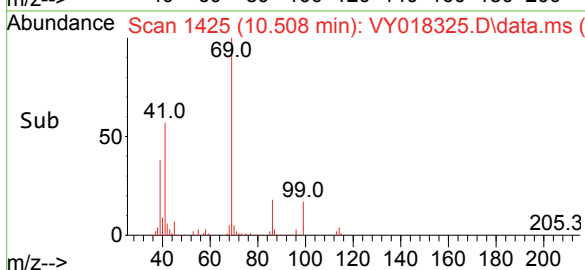
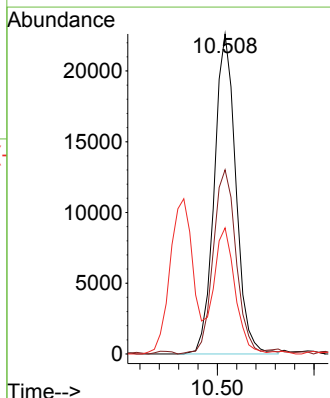
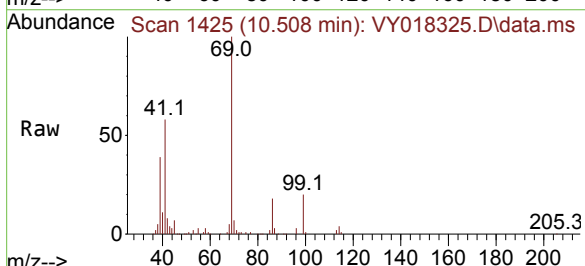
Tgt Ion: 69 Resp: 34967

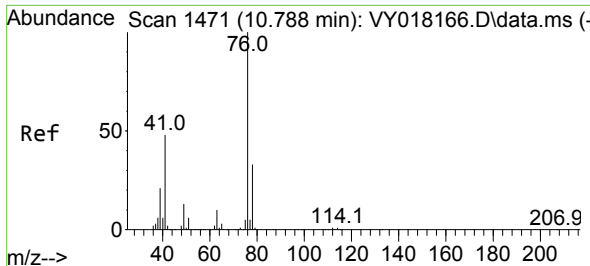
Ion Ratio Lower Upper

69 100

41 61.3 42.3 63.5

39 38.6 22.9 34.3#

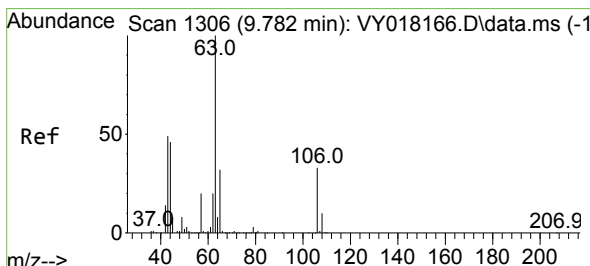
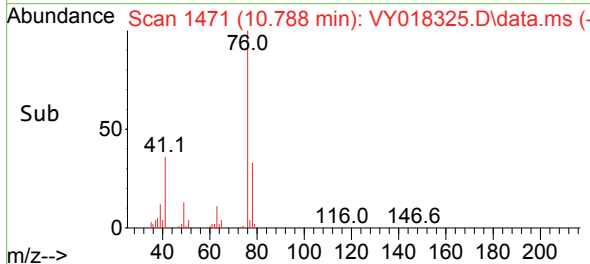
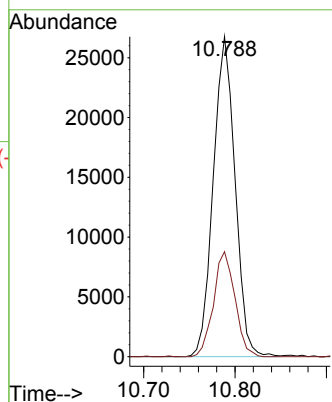
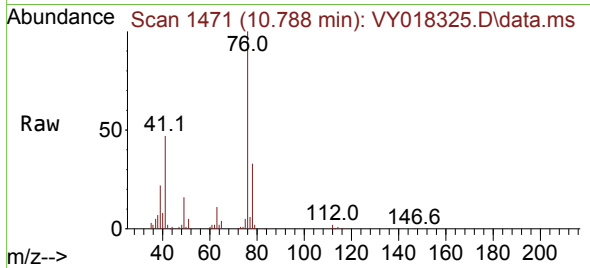




#57
1,3-Dichloropropane
Concen: 22.909 ug/l
RT: 10.788 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

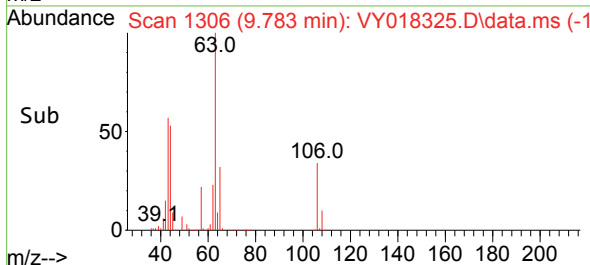
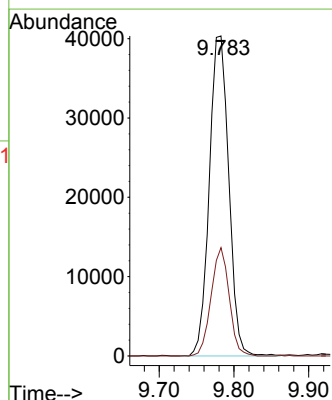
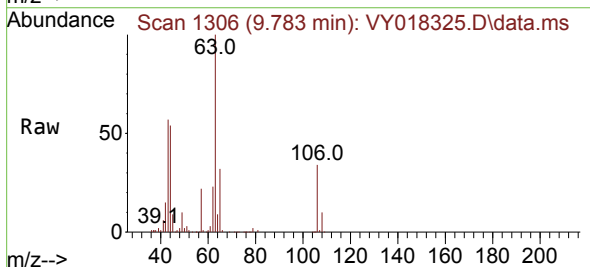
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

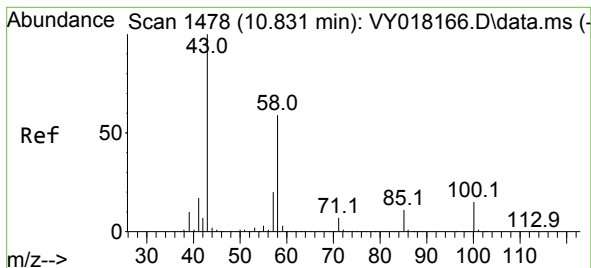
Tgt Ion: 76 Resp: 44300
Ion Ratio Lower Upper
76 100
78 32.2 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 94.821 ug/l
RT: 9.783 min Scan# 1306
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 63 Resp: 73064
Ion Ratio Lower Upper
63 100
106 31.3 23.7 35.5

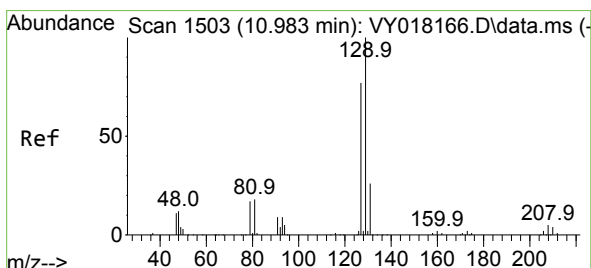
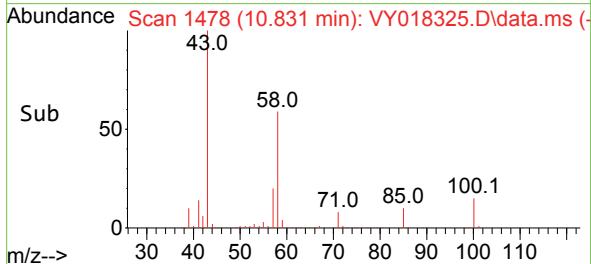
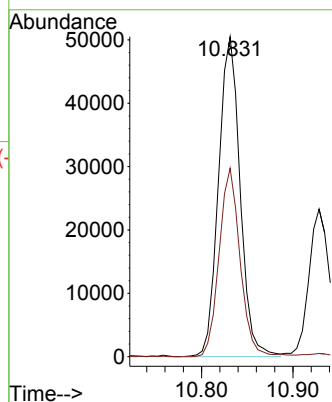
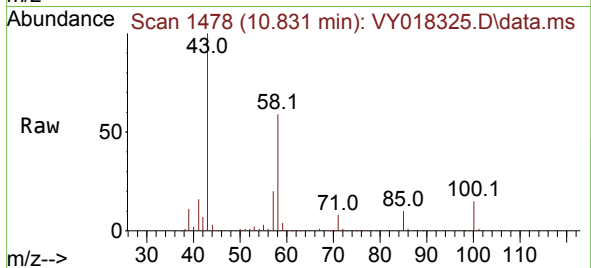




#59
2-Hexanone
Concen: 127.871 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

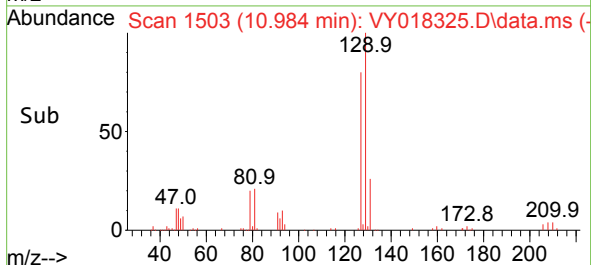
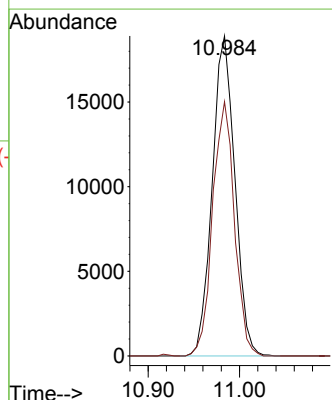
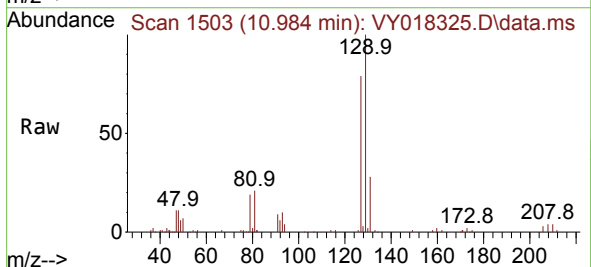
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

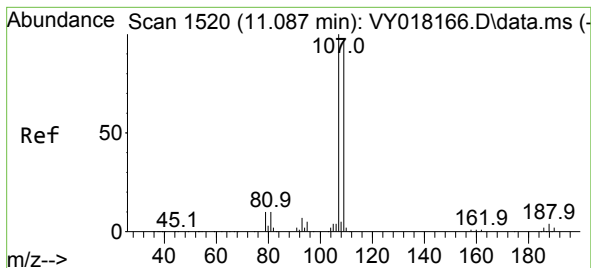
Tgt Ion: 43 Resp: 82942
Ion Ratio Lower Upper
43 100
58 57.3 31.4 94.0



#60
Dibromochloromethane
Concen: 21.076 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 129 Resp: 32490
Ion Ratio Lower Upper
129 100
127 76.5 39.0 117.0

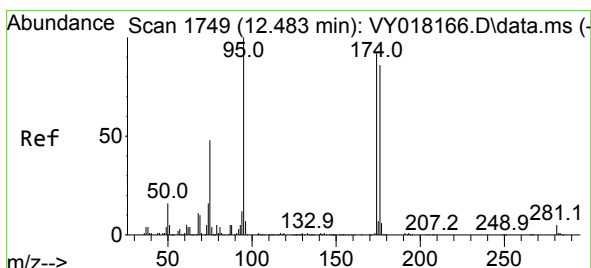
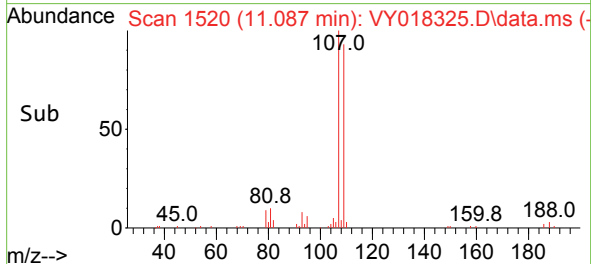
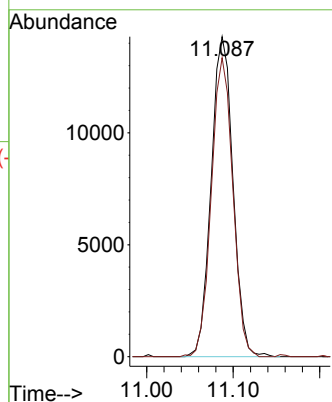
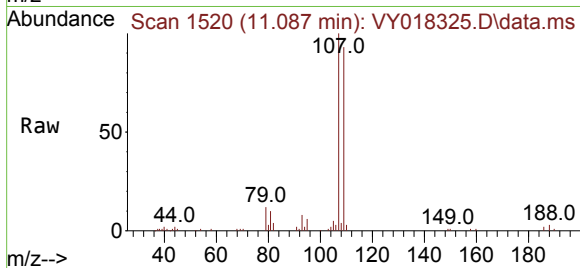




#61
1,2-Dibromoethane
Concen: 22.341 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

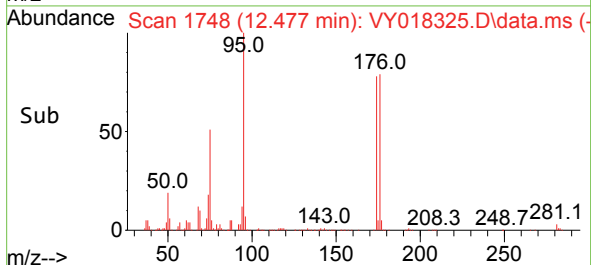
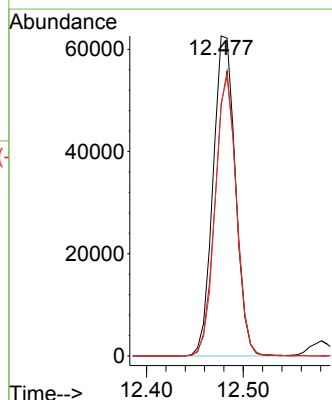
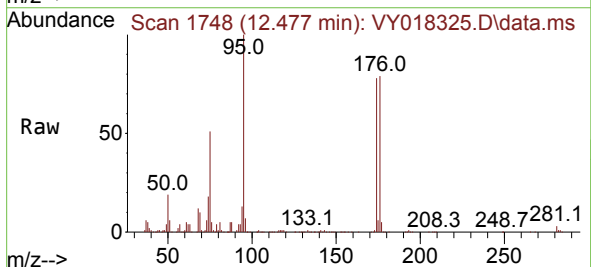
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

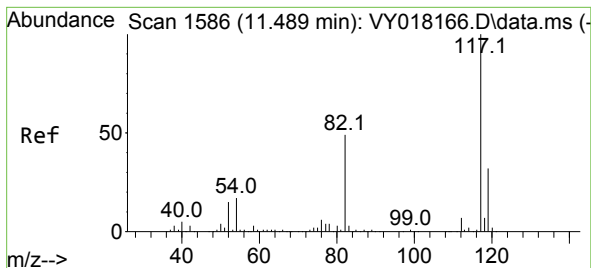
Tgt Ion:107 Resp: 25003
Ion Ratio Lower Upper
107 100
109 92.0 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 52.825 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 95 Resp: 100326
Ion Ratio Lower Upper
95 100
174 84.6 0.0 175.6
176 83.2 0.0 171.4

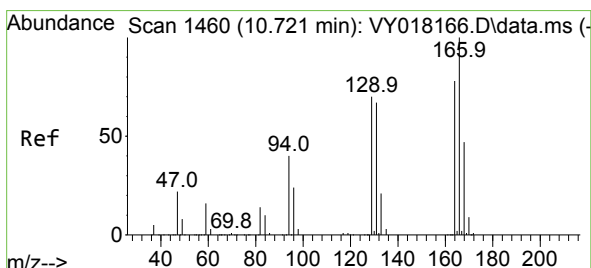
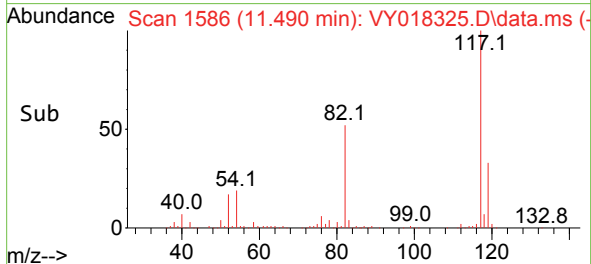
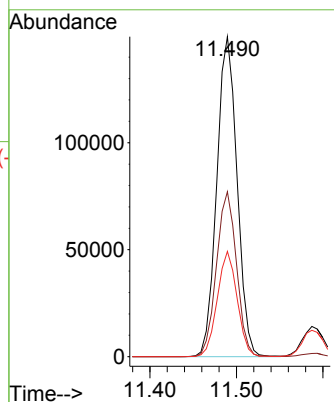
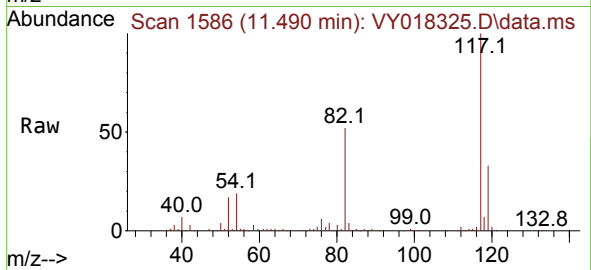




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

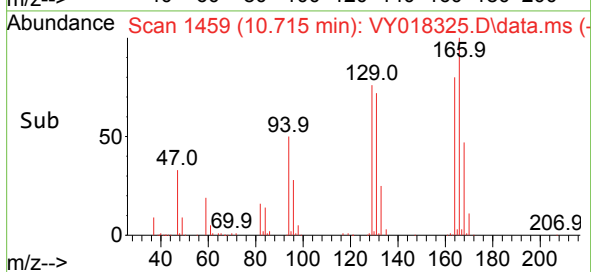
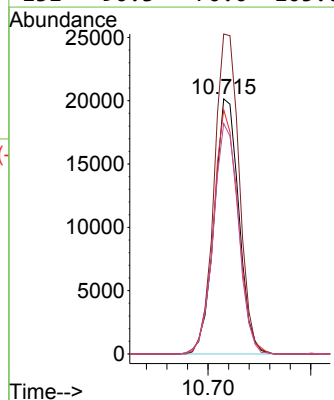
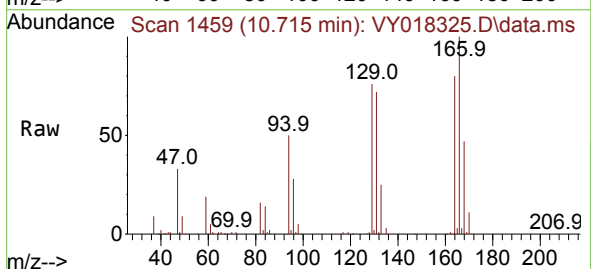
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

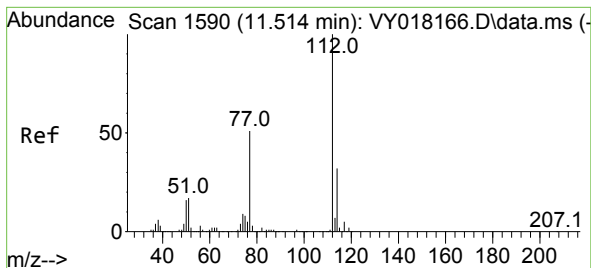
Tgt Ion:117 Resp: 243414
Ion Ratio Lower Upper
117 100
82 51.6 42.4 63.6
119 32.9 25.9 38.9



#64
Tetrachloroethene
Concen: 20.691 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion:164 Resp: 33534
Ion Ratio Lower Upper
164 100
166 125.5 102.6 154.0
129 95.7 72.0 108.0
131 90.3 70.0 105.0

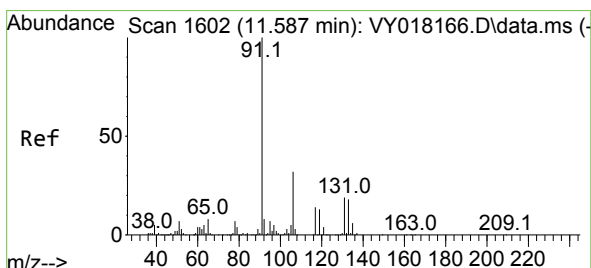
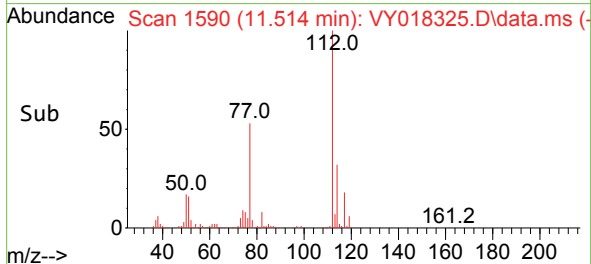
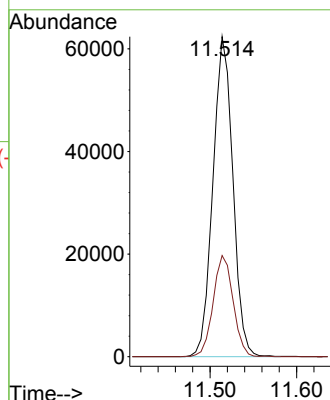
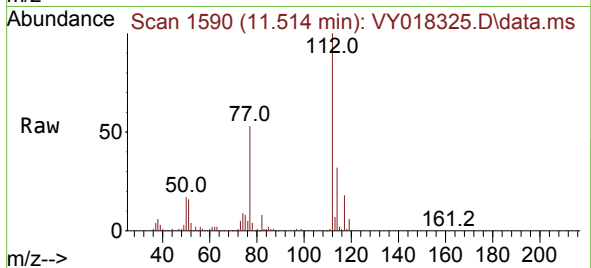




#65
Chlorobenzene
Concen: 20.126 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

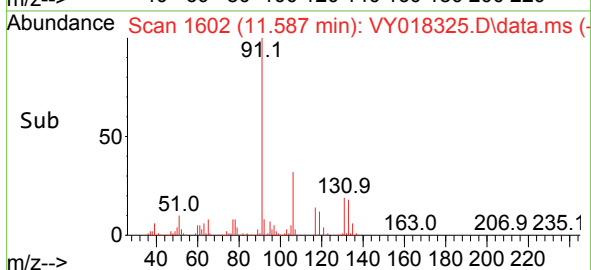
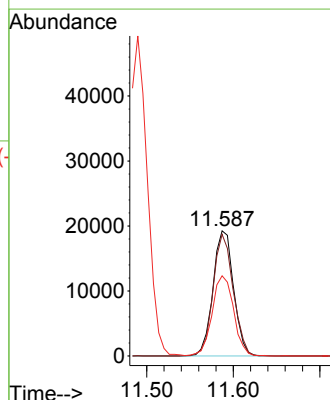
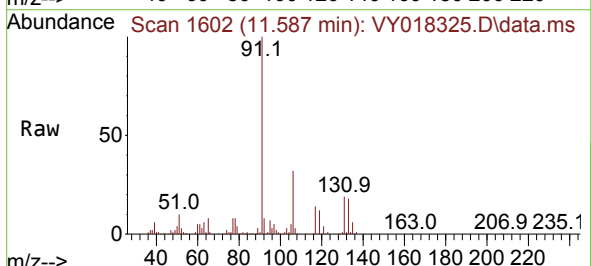
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

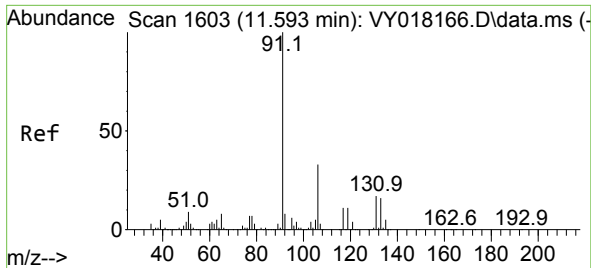
Tgt Ion:112 Resp: 99776
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 19.853 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion:131 Resp: 31837
Ion Ratio Lower Upper
131 100
133 95.2 47.8 143.3
119 66.8 34.1 102.2

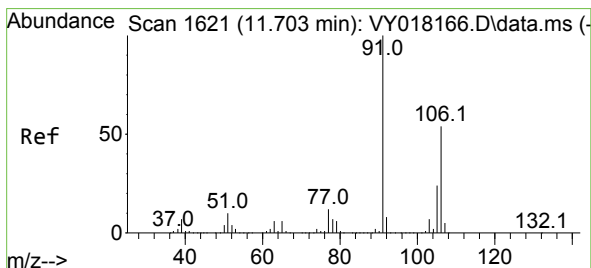
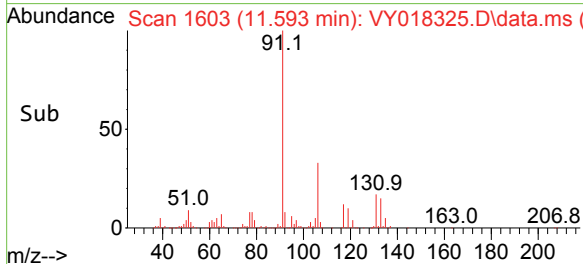
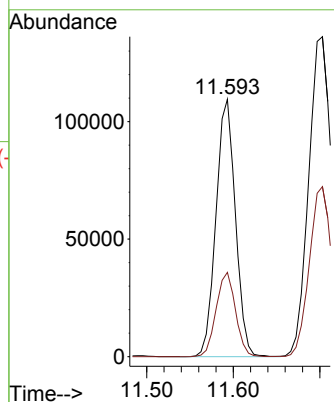
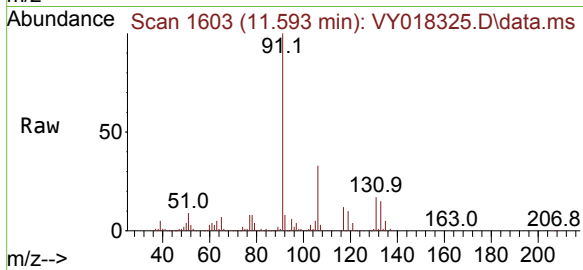




#67
Ethyl Benzene
Concen: 20.379 ug/l
RT: 11.593 min Scan# 1603
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

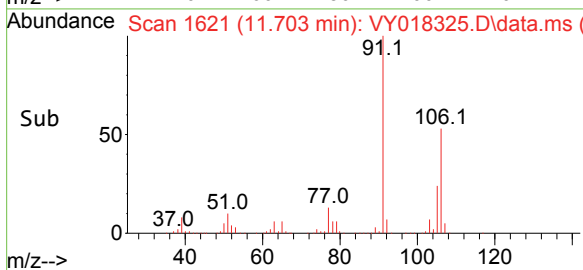
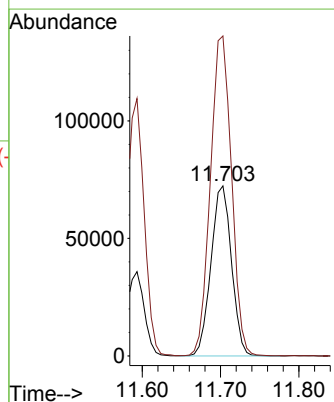
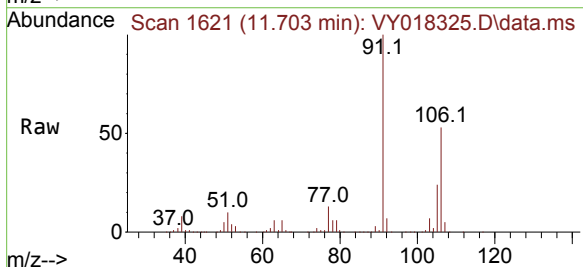
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

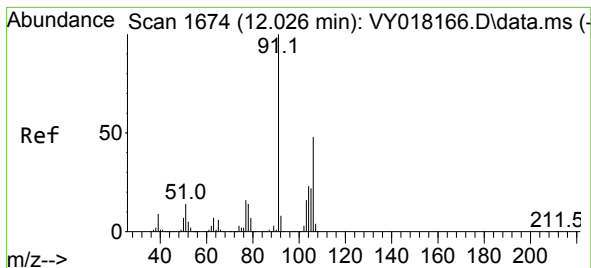
Tgt Ion: 91 Resp: 170587
Ion Ratio Lower Upper
91 100
106 32.8 24.5 36.7



#68
m/p-Xylenes
Concen: 39.790 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 106 Resp: 131712
Ion Ratio Lower Upper
106 100
91 193.2 156.0 234.0

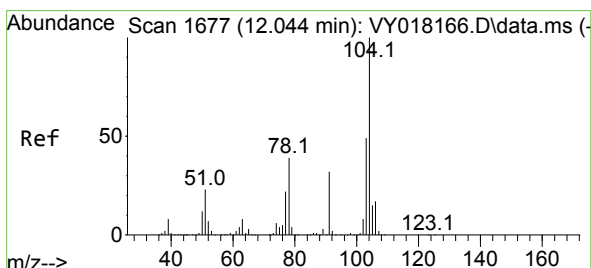
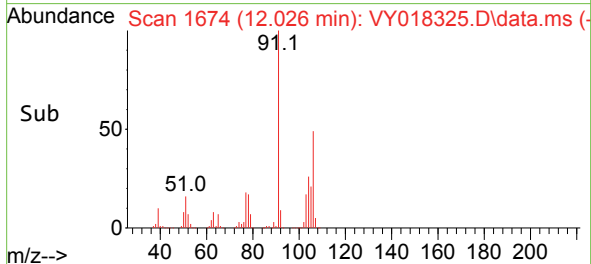
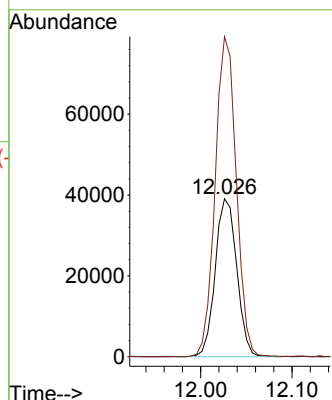
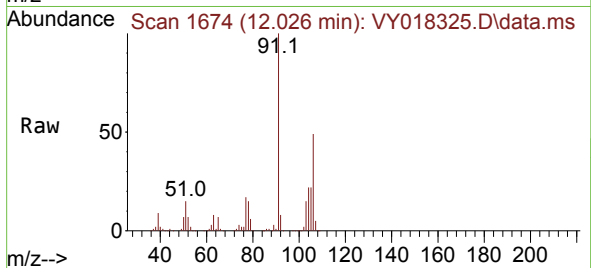




#69
o-Xylene
Concen: 20.106 ug/l
RT: 12.026 min Scan# 1
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

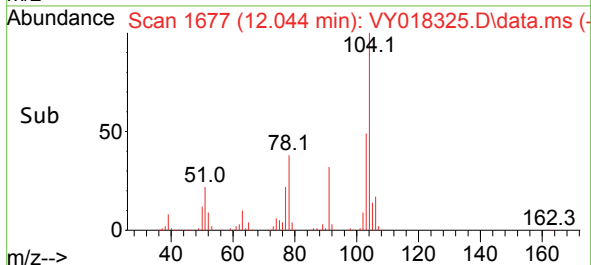
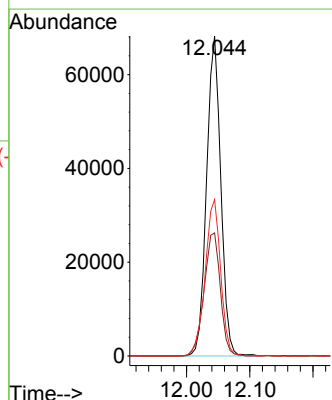
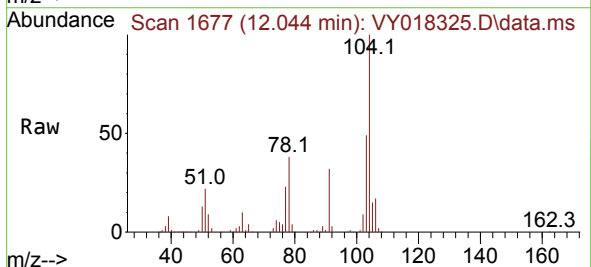
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

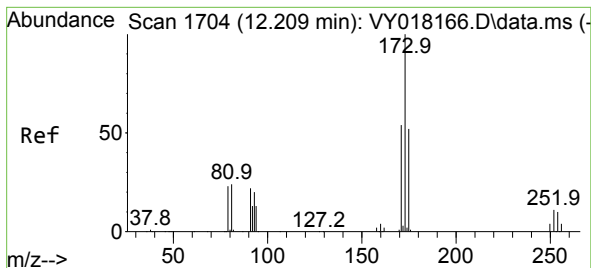
Tgt Ion:106 Resp: 63870
Ion Ratio Lower Upper
106 100
91 199.2 103.6 310.8



#70
Styrene
Concen: 20.150 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion:104 Resp: 106894
Ion Ratio Lower Upper
104 100
78 44.0 37.0 55.4
103 53.2 44.2 66.2





#71

Bromoform

Concen: 20.756 ug/l

RT: 12.209 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBSD01

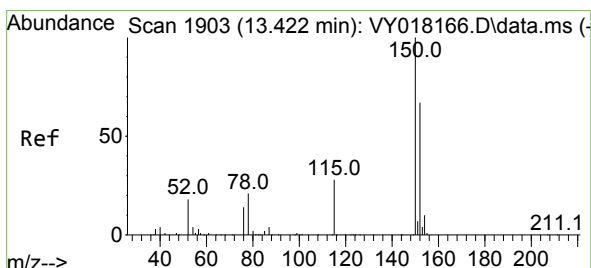
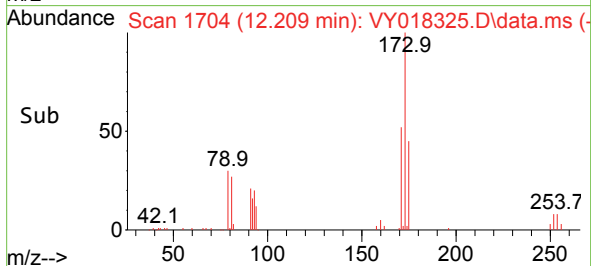
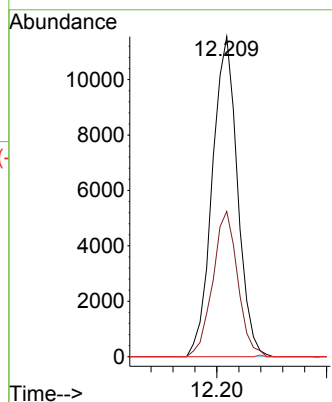
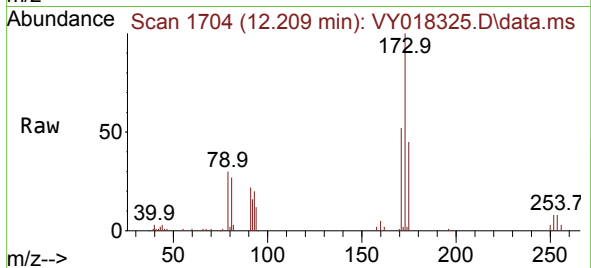
Tgt Ion:173 Resp: 18416

Ion Ratio Lower Upper

173 100

175 44.9 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

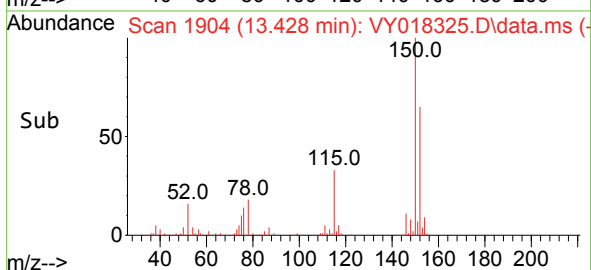
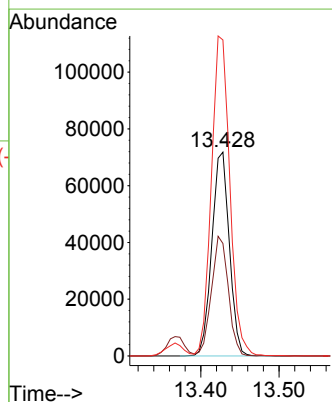
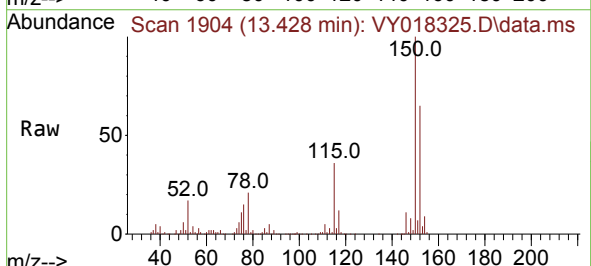
Tgt Ion:152 Resp: 111408

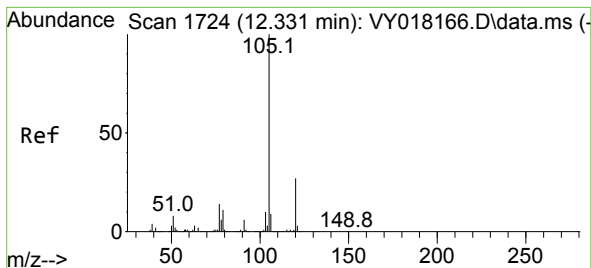
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 165.1 0.0 345.6





#73

Isopropylbenzene

Concen: 19.688 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

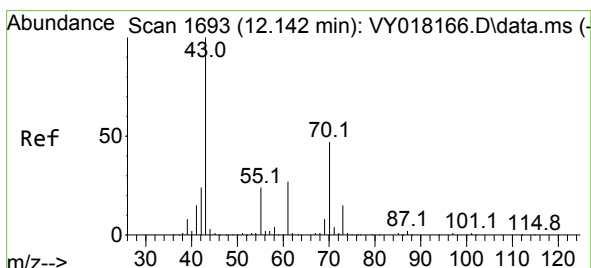
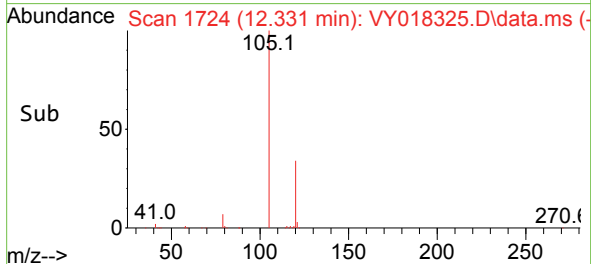
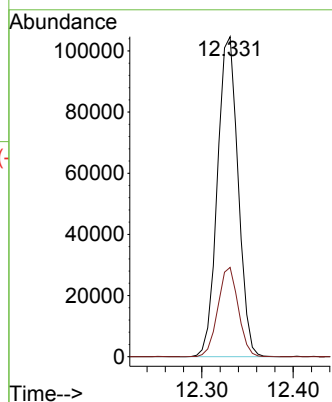
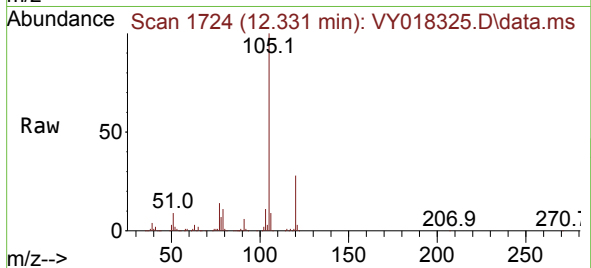
VY0520SBS01

Tgt Ion:105 Resp: 164454

Ion Ratio Lower Upper

105 100

120 27.5 13.4 40.1



#74

N-ethyl acetate

Concen: 22.860 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Tgt Ion: 43 Resp: 39638

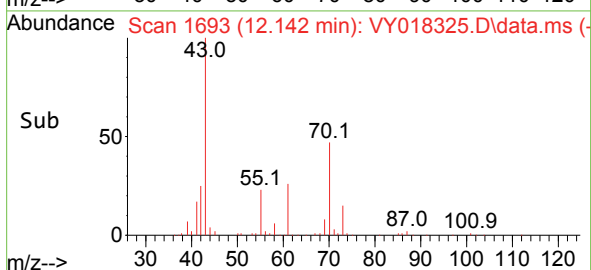
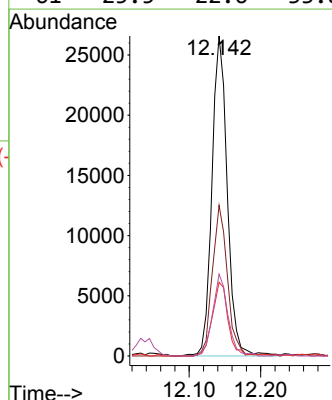
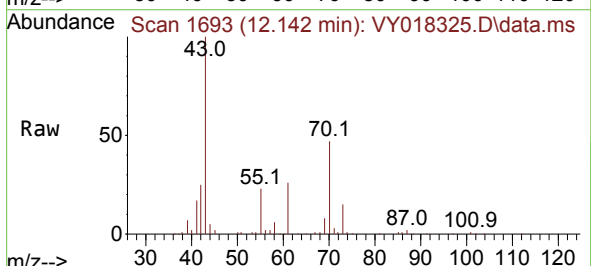
Ion Ratio Lower Upper

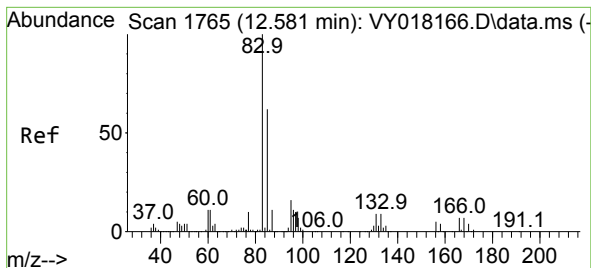
43 100

70 46.1 41.4 62.2

55 23.8 23.3 34.9

61 25.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 22.958 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBSD01

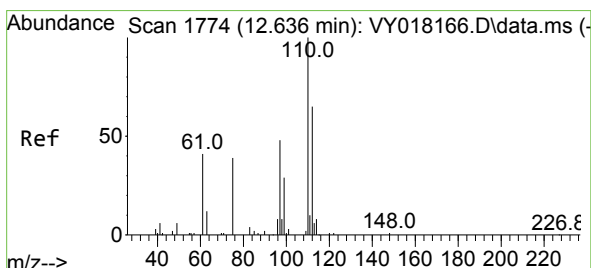
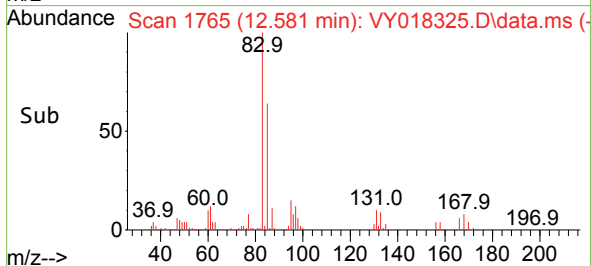
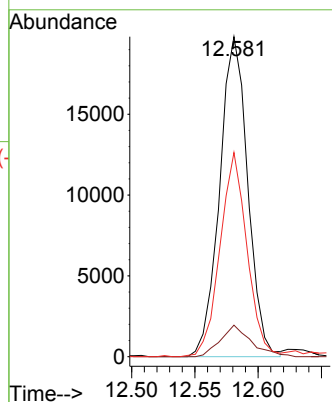
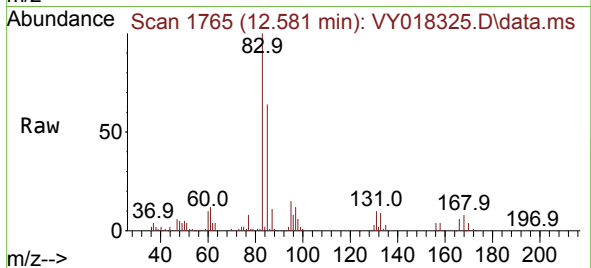
Tgt Ion: 83 Resp: 30591

Ion Ratio Lower Upper

83 100

131 10.8 5.0 14.9

85 61.1 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 41.169 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018325.D

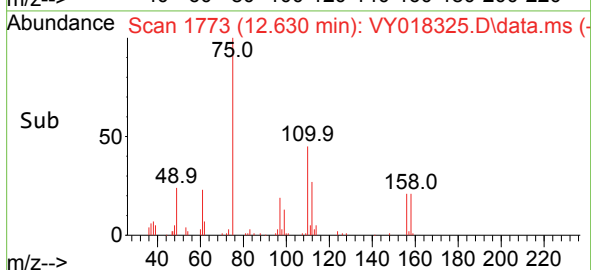
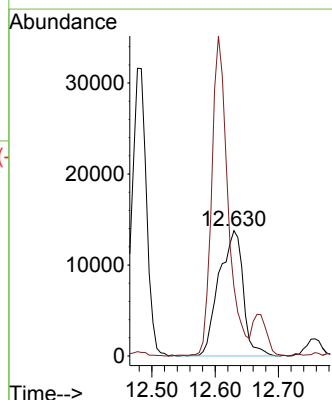
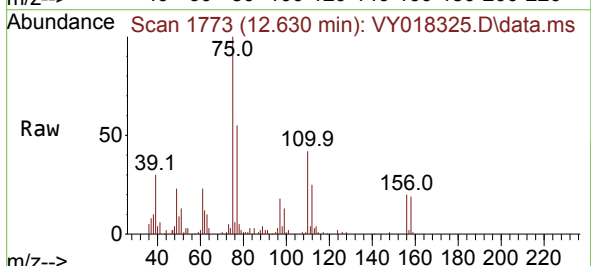
Acq: 20 May 2024 11:10

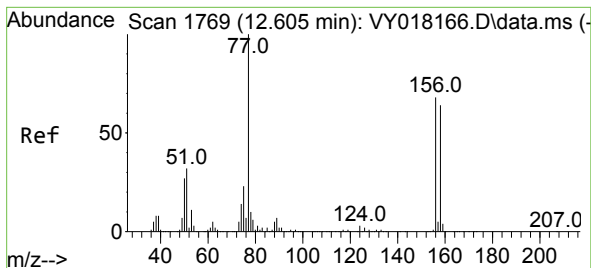
Tgt Ion: 75 Resp: 36712

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.432 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBSD01

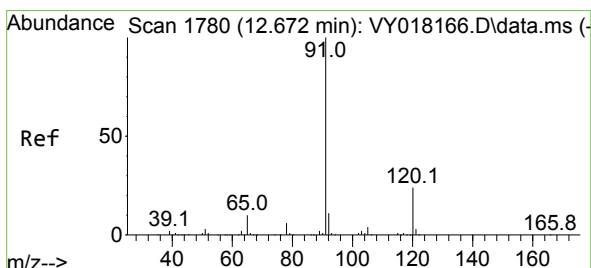
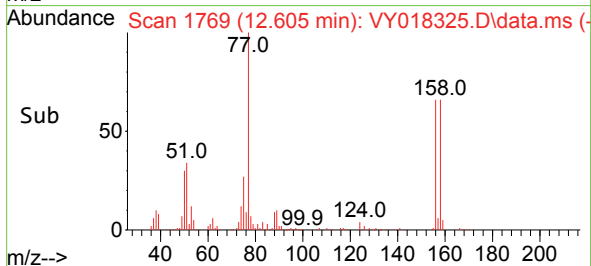
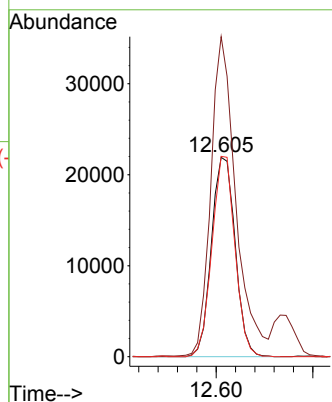
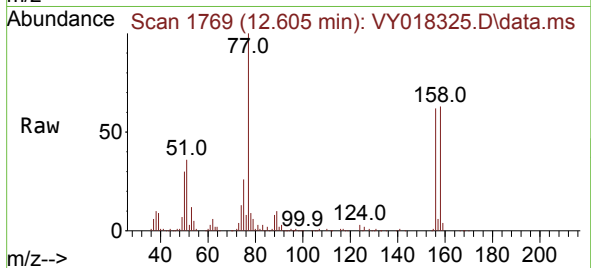
Tgt Ion:156 Resp: 37288

Ion Ratio Lower Upper

156 100

77 170.0 87.1 261.3

158 97.5 48.6 145.9



#78

n-propylbenzene

Concen: 19.872 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018325.D

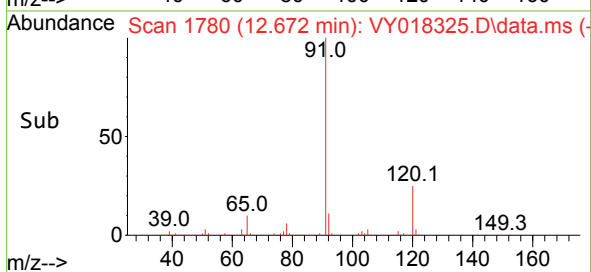
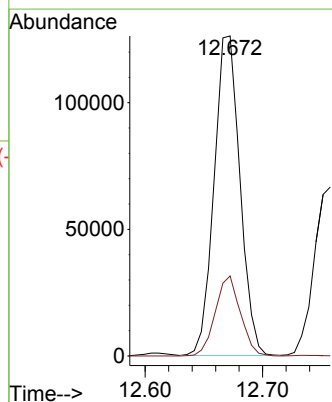
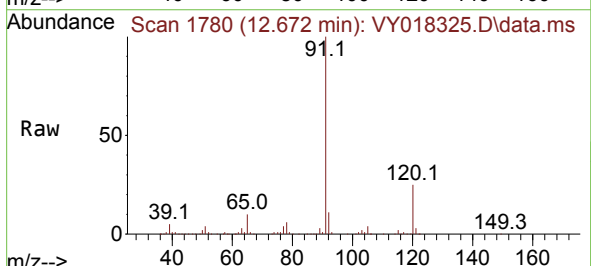
Acq: 20 May 2024 11:10

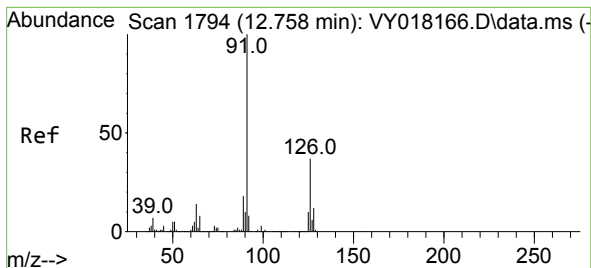
Tgt Ion: 91 Resp: 193070

Ion Ratio Lower Upper

91 100

120 24.2 11.5 34.4

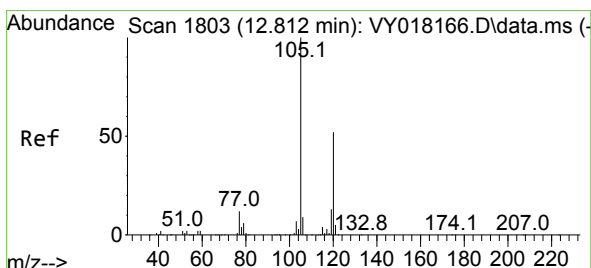
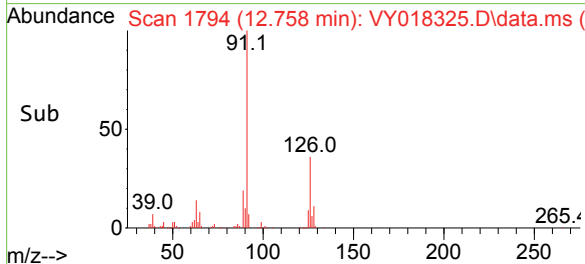
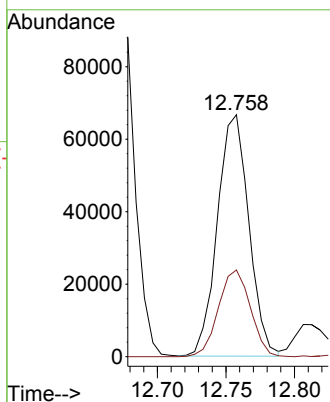
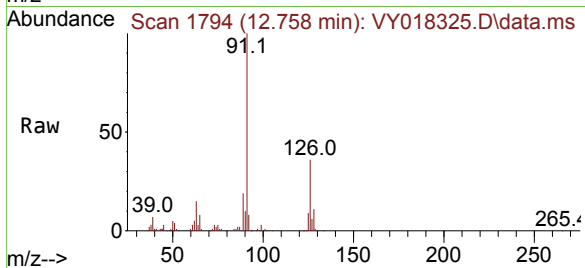




#79
2-Chlorotoluene
Concen: 19.721 ug/l
RT: 12.758 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

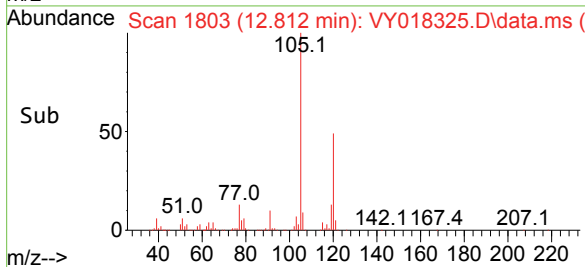
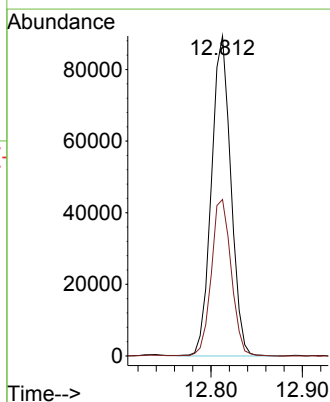
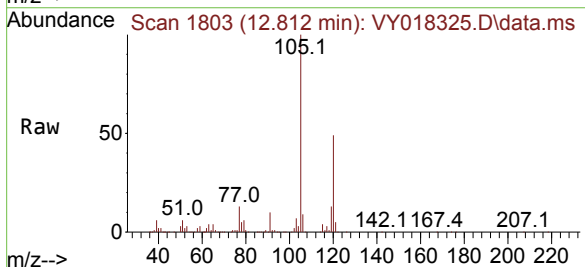
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

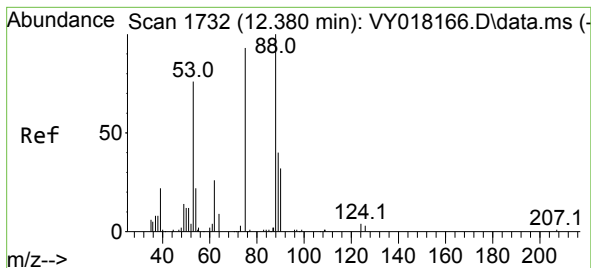
Tgt Ion: 91 Resp: 106472
Ion Ratio Lower Upper
91 100
126 36.4 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 20.061 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 105 Resp: 132129
Ion Ratio Lower Upper
105 100
120 50.1 25.1 75.2

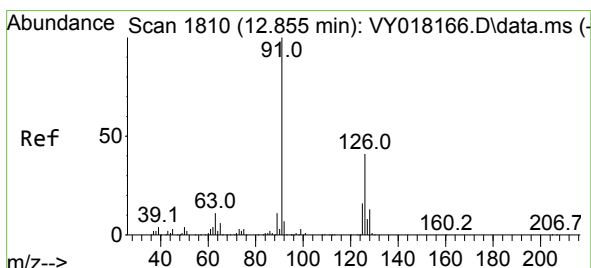
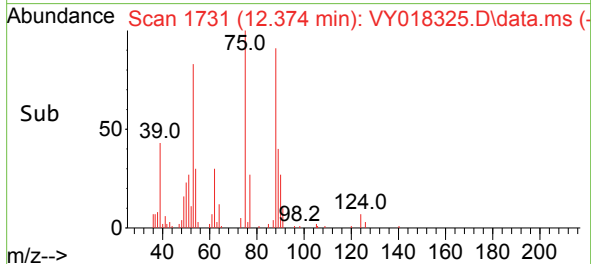
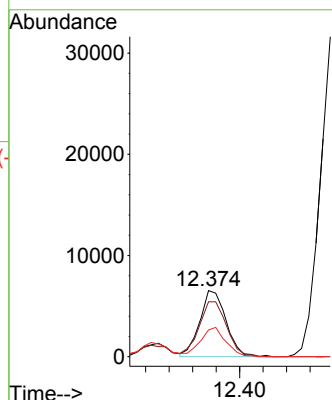
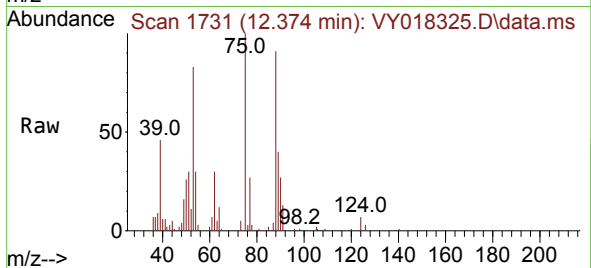




#81
trans-1,4-Dichloro-2-butene
Concen: 21.854 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. -0.006 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

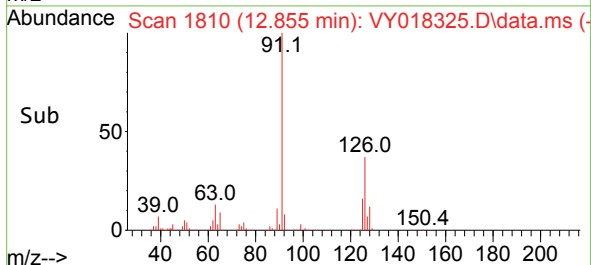
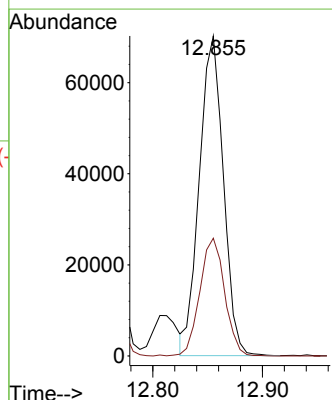
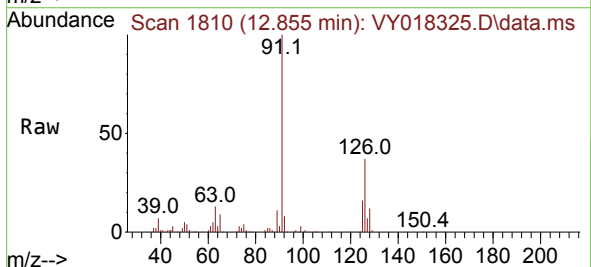
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBS01

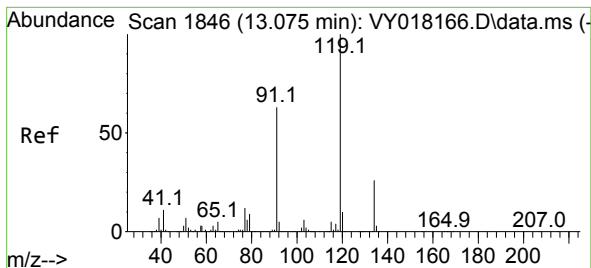
Tgt Ion: 75 Resp: 10115
Ion Ratio Lower Upper
75 100
53 88.1 66.8 100.2
89 42.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 19.724 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 91 Resp: 106967
Ion Ratio Lower Upper
91 100
126 38.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 19.641 ug/l

RT: 13.075 min Scan# 119326

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

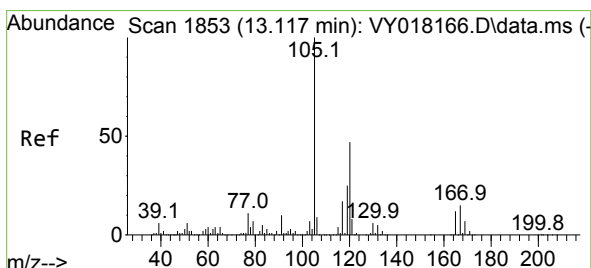
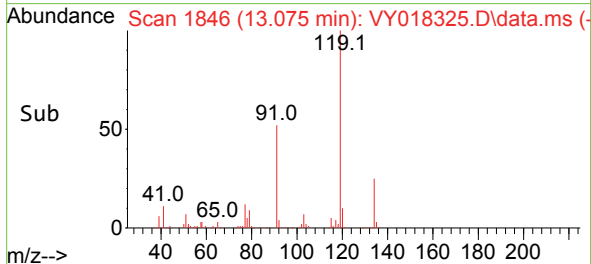
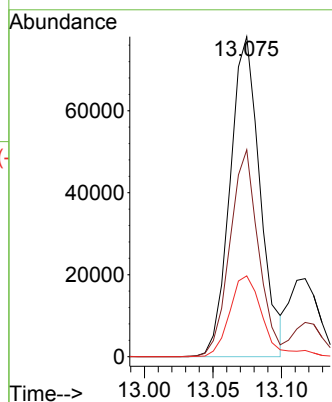
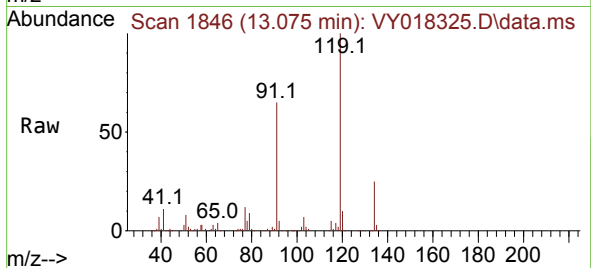
Tgt Ion:119 Resp: 119326

Ion Ratio Lower Upper

119 100

91 61.5 31.3 93.8

134 28.0 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 20.171 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018325.D

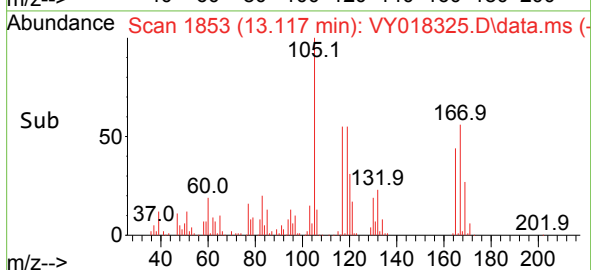
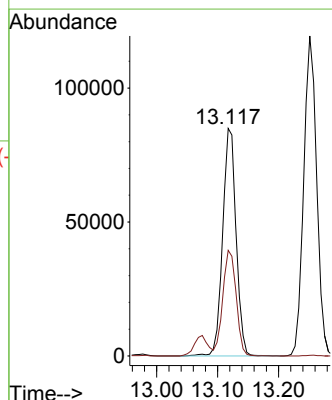
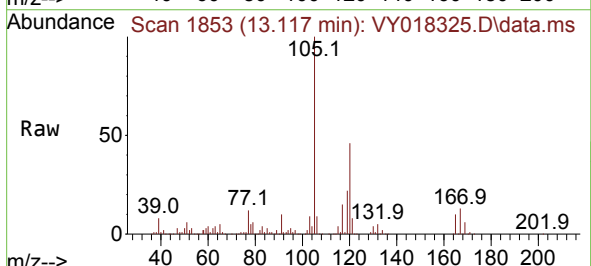
Acq: 20 May 2024 11:10

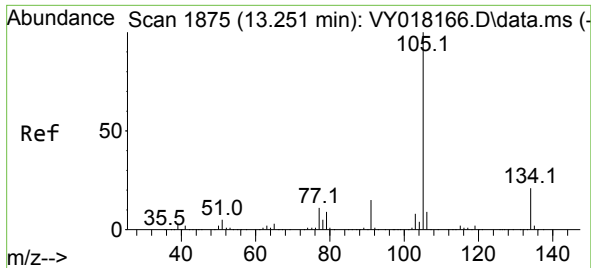
Tgt Ion:105 Resp: 130145

Ion Ratio Lower Upper

105 100

120 45.9 23.2 69.6

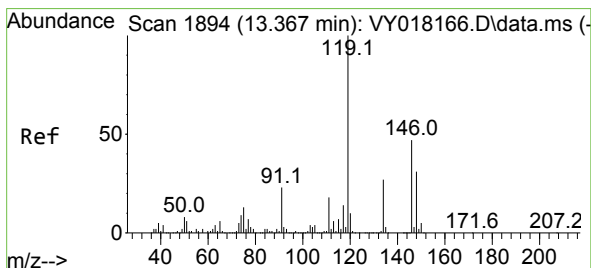
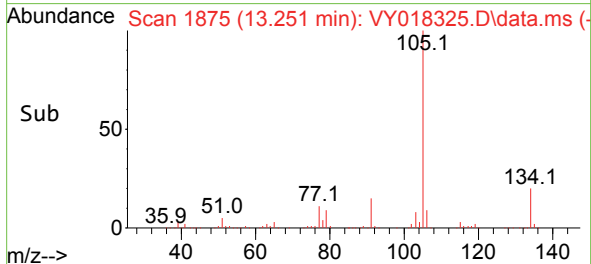
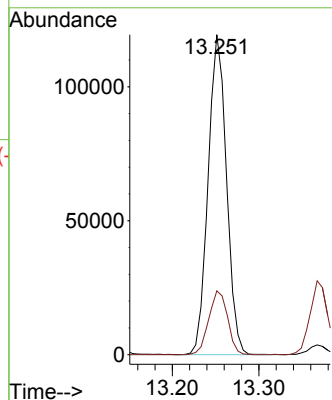
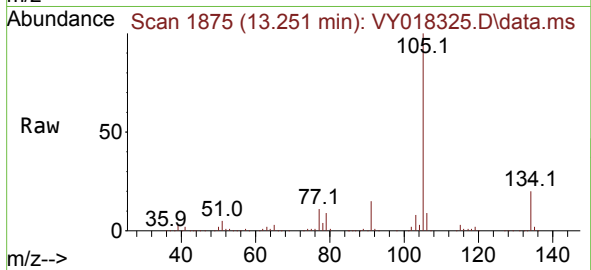




#85
 sec-Butylbenzene
 Concen: 19.769 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY018325.D
 Acq: 20 May 2024 11:10

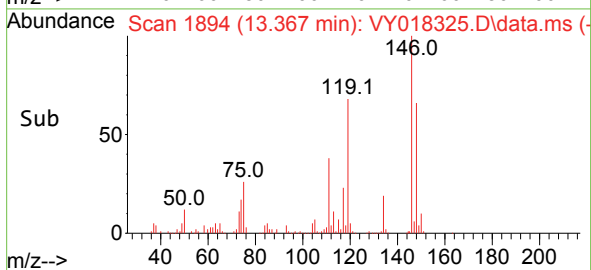
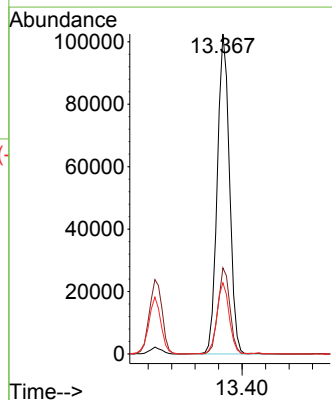
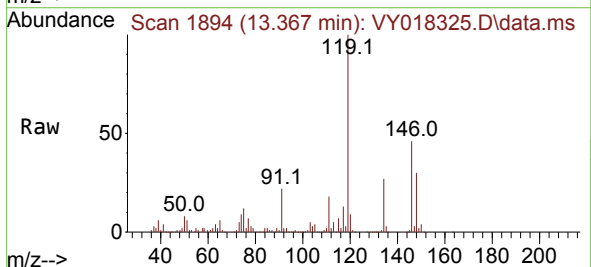
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0520SBSD01

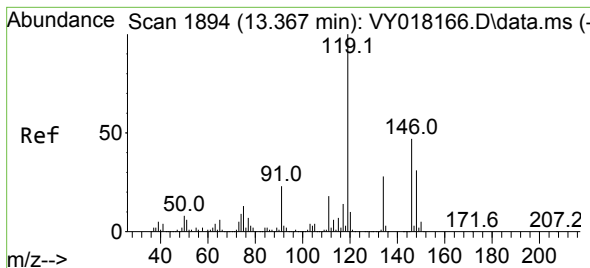
Tgt Ion:105 Resp: 176166
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 20.115 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY018325.D
 Acq: 20 May 2024 11:10

Tgt Ion:119 Resp: 147467
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.1 39.3
 91 22.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.003 ug/l

RT: 13.367 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

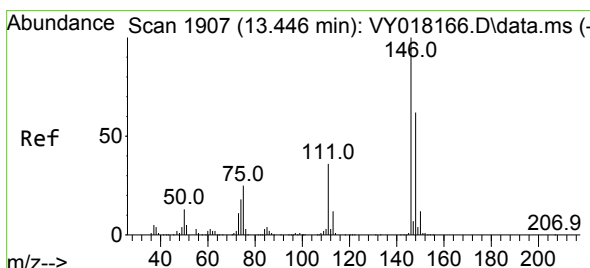
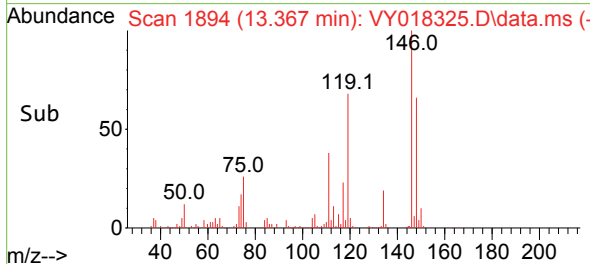
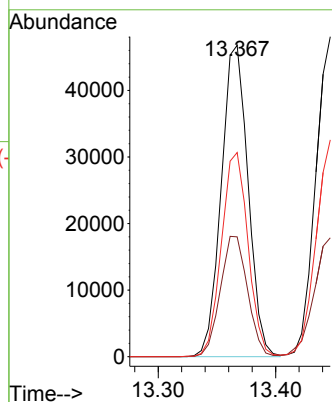
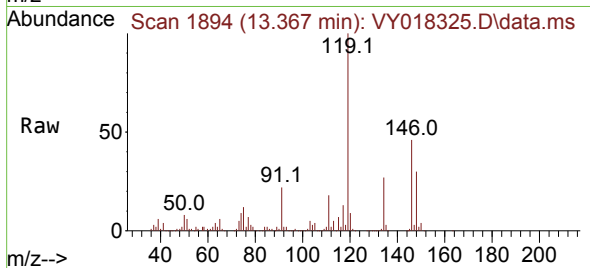
Tgt Ion:146 Resp: 74127

Ion Ratio Lower Upper

146 100

111 39.4 19.0 57.0

148 65.2 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 20.458 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

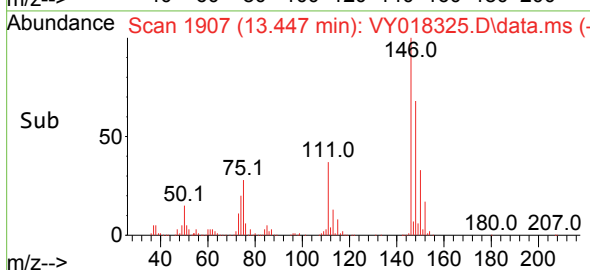
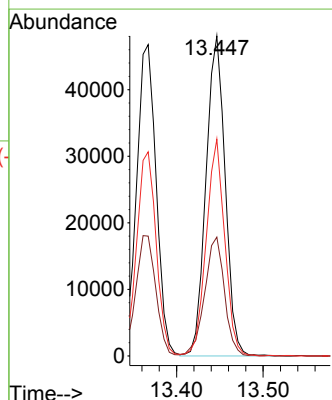
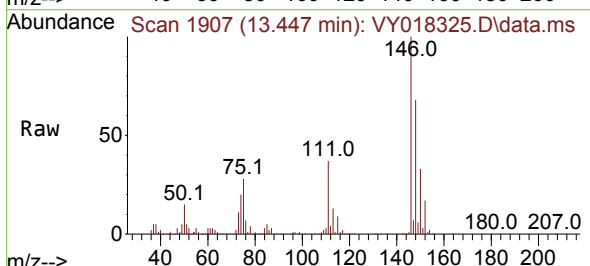
Tgt Ion:146 Resp: 73910

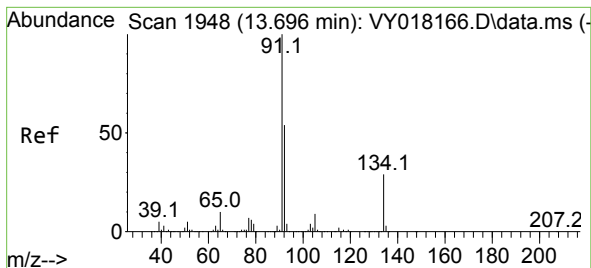
Ion Ratio Lower Upper

146 100

111 38.6 18.4 55.4

148 65.4 32.4 97.2

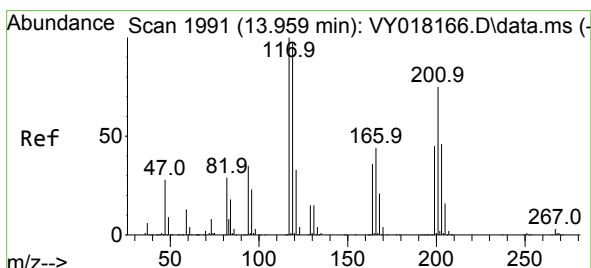
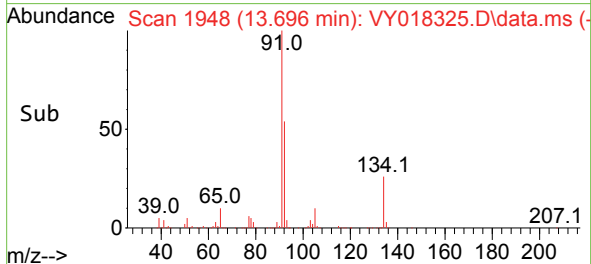
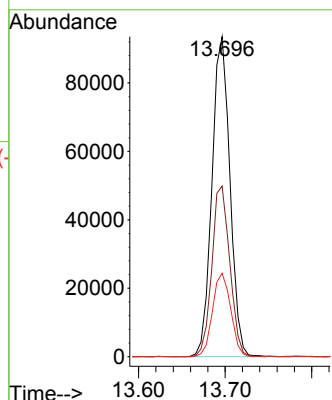
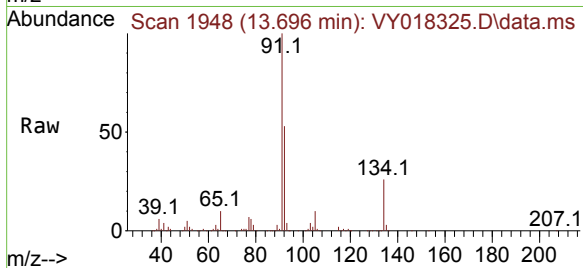




#89
n-Butylbenzene
Concen: 20.369 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

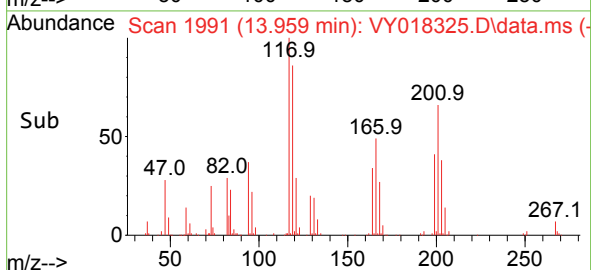
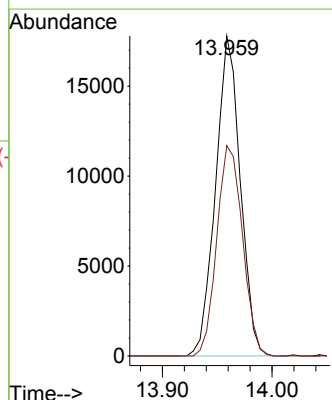
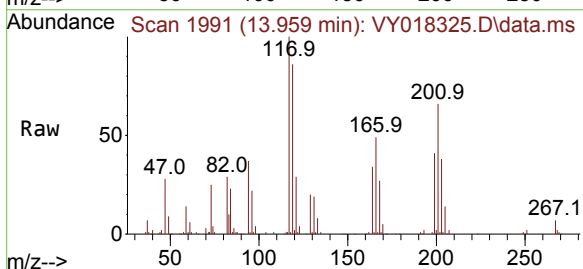
Instrument :
MSVOA_Y
ClientSampleId :
VY0520SBSD01

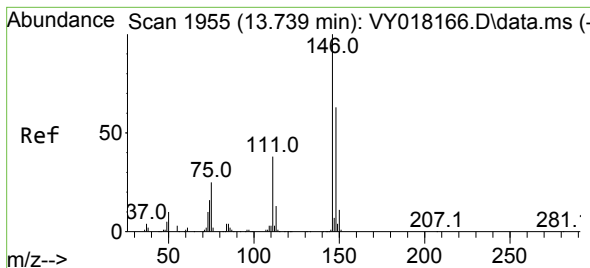
Tgt Ion: 91 Resp: 135145
Ion Ratio Lower Upper
91 100
92 53.1 26.6 79.7
134 26.3 12.9 38.7



#90
Hexachloroethane
Concen: 19.406 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018325.D
Acq: 20 May 2024 11:10

Tgt Ion: 117 Resp: 27910
Ion Ratio Lower Upper
117 100
201 68.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.401 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBSD01

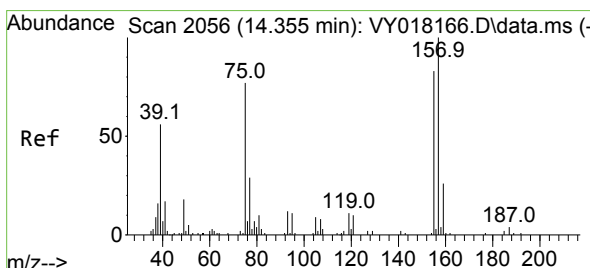
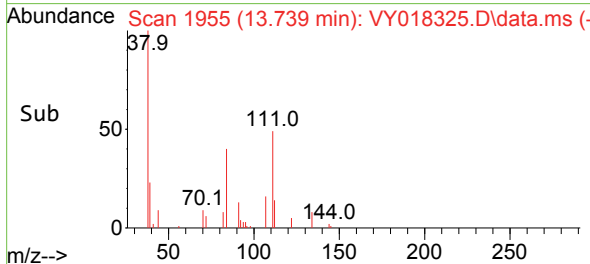
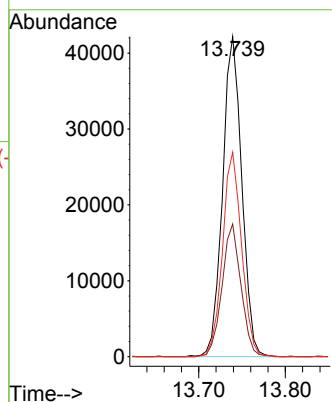
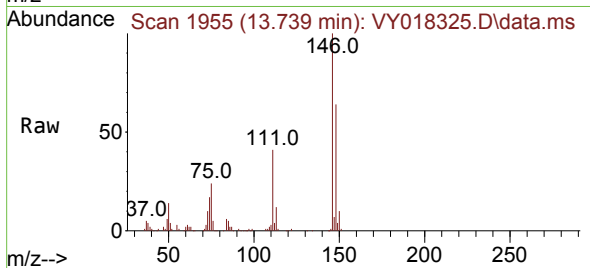
Tgt Ion:146 Resp: 64982

Ion Ratio Lower Upper

146 100

111 40.9 19.9 59.7

148 63.3 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 24.439 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

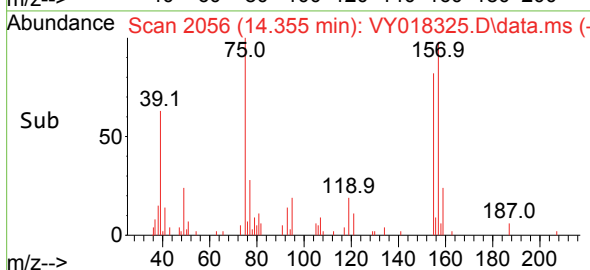
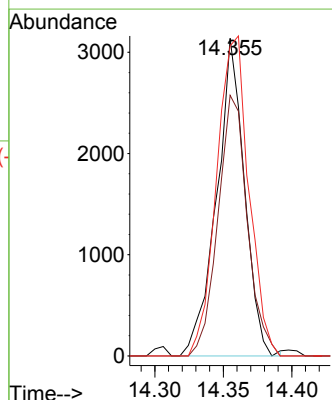
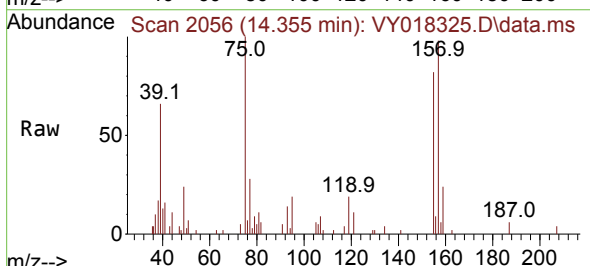
Tgt Ion: 75 Resp: 4434

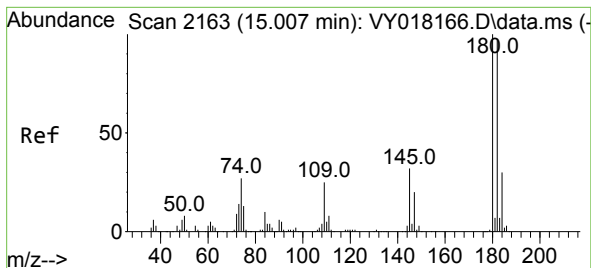
Ion Ratio Lower Upper

75 100

155 86.4 48.6 145.8

157 116.6 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 20.373 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

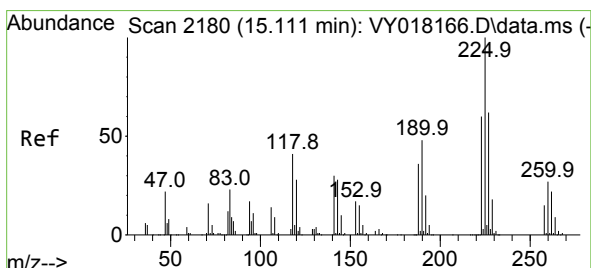
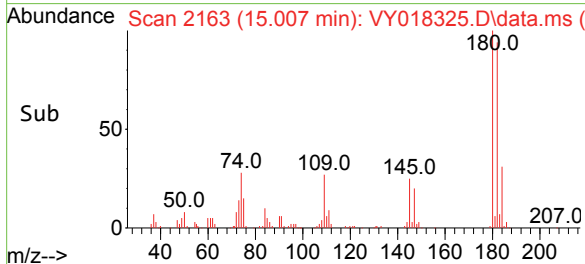
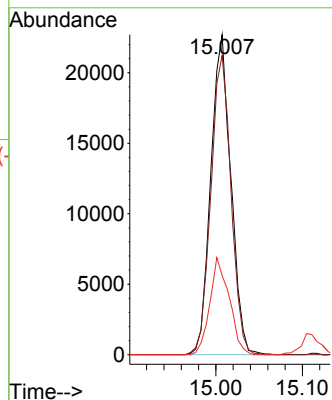
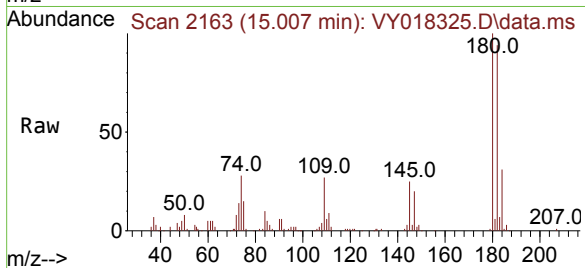
Tgt Ion:180 Resp: 36481

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.8

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.765 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

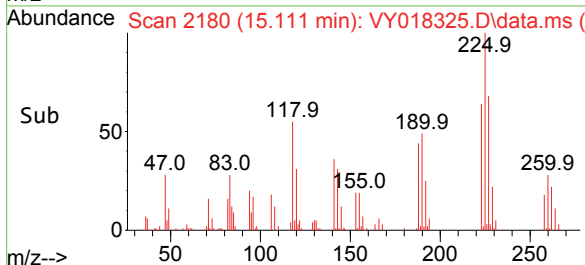
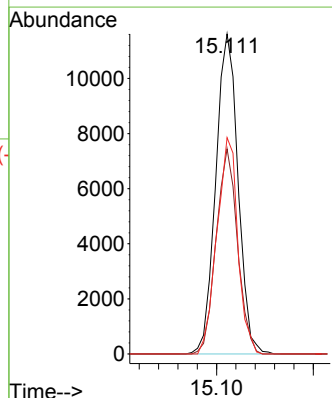
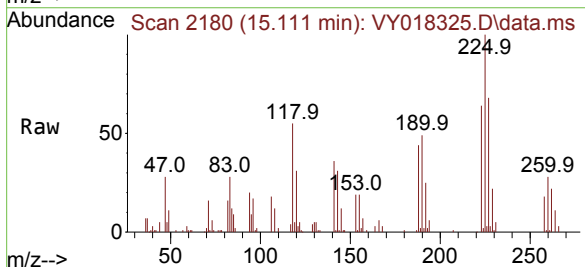
Tgt Ion:225 Resp: 18540

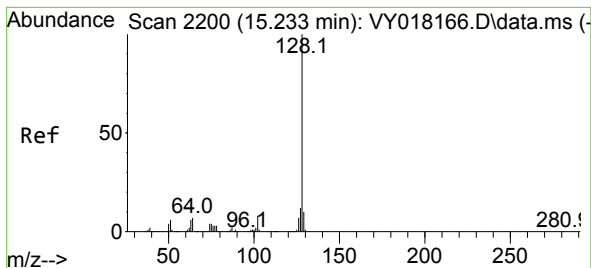
Ion Ratio Lower Upper

225 100

223 61.5 30.4 91.2

227 63.6 31.9 95.9





#95

Naphthalene

Concen: 21.593 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Instrument :

MSVOA_Y

ClientSampleId :

VY0520SBS01

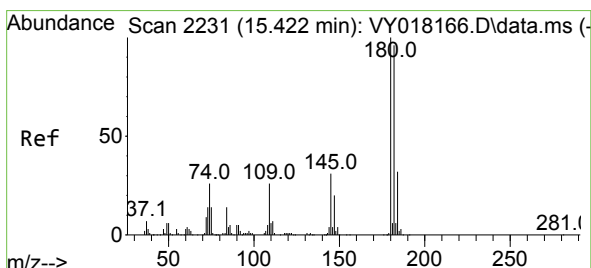
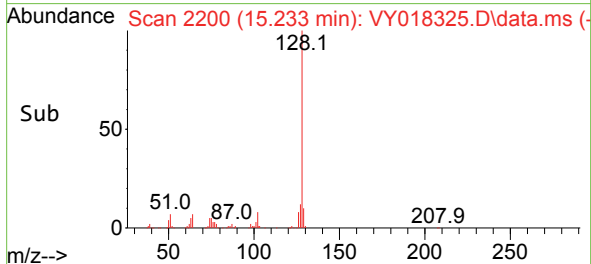
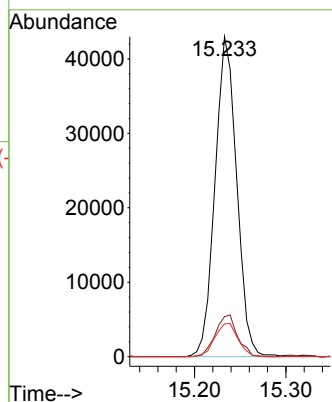
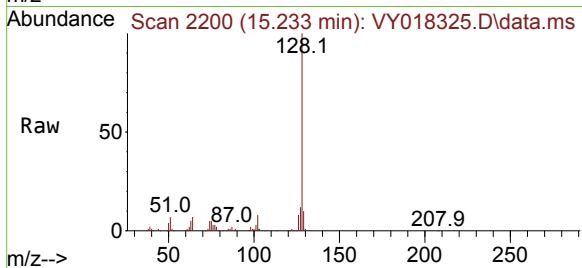
Tgt Ion:128 Resp: 70853

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 20.881 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018325.D

Acq: 20 May 2024 11:10

Tgt Ion:180 Resp: 30685

Ion Ratio Lower Upper

180 100

182 93.9 47.6 142.9

145 33.4 15.4 46.1

