

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050724\
 Data File : VY018168.D
 Acq On : 07 May 2024 11:25
 Operator : SY/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Quant Time: May 08 01:16:43 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 00:59:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	242797	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	396820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	341416	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	151366	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	287500	160.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 321.920%#	
35) Dibromofluoromethane	7.710	113	329967	158.222	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 316.440%#	
50) Toluene-d8	10.179	98	1269148	154.434	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 308.860%#	
62) 4-Bromofluorobenzene	12.483	95	403186	151.919	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 303.840%#	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	257757	133.866	ug/l	98
3) Chloromethane	2.107	50	383694	148.863	ug/l	96
4) Vinyl Chloride	2.247	62	456280	146.033	ug/l	97
5) Bromomethane	2.631	94	328314	151.302	ug/l	98
6) Chloroethane	2.784	64	293170	147.845	ug/l	100
7) Trichlorofluoromethane	3.113	101	536663	146.637	ug/l	94
8) Diethyl Ether	3.521	74	181890	150.971	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.887	101	331400	142.082	ug/l	97
10) Methyl Iodide	4.082	142	432271	158.707	ug/l	98
11) Tert butyl alcohol	4.948	59	117853	775.591	ug/l #	81
12) 1,1-Dichloroethene	3.863	96	345488	147.138	ug/l	96
13) Acrolein	3.717	56	132261	767.129	ug/l	98
14) Allyl chloride	4.466	41	452005	151.318	ug/l	99
15) Acrylonitrile	5.149	53	355808	767.953	ug/l	99
16) Acetone	3.936	43	280384	786.600	ug/l	95
17) Carbon Disulfide	4.186	76	989024	154.721	ug/l	97
18) Methyl Acetate	4.460	43	150289	148.013	ug/l	100
19) Methyl tert-butyl Ether	5.210	73	792740	151.562	ug/l	99
20) Methylene Chloride	4.704	84	347092	137.765	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	370582	148.888	ug/l	98
22) Diisopropyl ether	6.112	45	947704	149.560	ug/l	97
23) Vinyl Acetate	6.051	43	3024571	785.324	ug/l	98
24) 1,1-Dichloroethane	6.003	63	578620	148.257	ug/l	99
25) 2-Butanone	6.978	43	447763	785.847	ug/l	96
26) 2,2-Dichloropropane	6.978	77	514030	145.521	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	436916	148.538	ug/l	97
28) Bromochloromethane	7.326	49	247732	158.810	ug/l	95
29) Tetrahydrofuran	7.338	42	287318	763.922	ug/l	95
30) Chloroform	7.502	83	598234	146.828	ug/l	98
31) Cyclohexane	7.777	56	499269	147.906	ug/l	98
32) 1,1,1-Trichloroethane	7.698	97	538511	147.462	ug/l	98
36) 1,1-Dichloropropene	7.911	75	435509	145.671	ug/l	98
37) Ethyl Acetate	7.064	43	199756	158.748	ug/l	97
38) Carbon Tetrachloride	7.899	117	485112	148.501	ug/l	100
39) Methylcyclohexane	9.179	83	618510	143.404	ug/l	98
40) Benzene	8.155	78	1422492	147.920	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	107931	148.537	ug/l	96
42) 1,2-Dichloroethane	8.234	62	322419	154.092	ug/l	98
43) Isopropyl Acetate	8.265	43	409174	158.642	ug/l	94
44) Trichloroethene	8.935	130	383192	146.375	ug/l	96
45) 1,2-Dichloropropane	9.216	63	310234	147.560	ug/l	100
46) Dibromomethane	9.301	93	185500	153.478	ug/l	97
47) Bromodichloromethane	9.496	83	452654	151.491	ug/l	96
48) Methyl methacrylate	9.289	41	189159	160.020	ug/l	91
49) 1,4-Dioxane	9.295	88	45265	2821.415	ug/l #	92
51) 4-Methyl-2-Pentanone	10.069	43	1038657	801.223	ug/l	95
52) Toluene	10.240	92	909652	146.932	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	434224	155.582	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	521103	152.743	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	249533	150.288	ug/l	97
56) Ethyl methacrylate	10.508	69	352477	156.311	ug/l #	88
57) 1,3-Dichloropropane	10.788	76	404908	149.841	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	853234	792.405	ug/l	96
59) 2-Hexanone	10.831	43	726673	801.705	ug/l	94
60) Dibromochloromethane	10.984	129	330541	153.442	ug/l	100
61) 1,2-Dibromoethane	11.087	107	236301	151.099	ug/l	99
64) Tetrachloroethene	10.721	164	331528	145.844	ug/l	100
65) Chlorobenzene	11.514	112	1016475	146.181	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	335475	149.151	ug/l	99
67) Ethyl Benzene	11.593	91	1708212	145.496	ug/l	96
68) m/p-Xylenes	11.703	106	1363536	293.685	ug/l	97
69) o-Xylene	12.026	106	649745	145.827	ug/l	97
70) Styrene	12.044	104	1102017	148.105	ug/l	99
71) Bromoform	12.209	173	194104	155.970	ug/l #	97
73) Isopropylbenzene	12.331	105	1631119	143.726	ug/l	98
74) N-amyl acetate	12.142	43	378624	160.715	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	269888	149.078	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	341999	282.274	ug/l #	100
77) Bromobenzene	12.611	156	386270	148.157	ug/l	96
78) n-propylbenzene	12.672	91	1871902	141.808	ug/l	97
79) 2-Chlorotoluene	12.758	91	1059433	144.429	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	1278453	142.862	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	100486	159.793	ug/l	98
82) 4-Chlorotoluene	12.855	91	1074229	145.793	ug/l	97
83) tert-Butylbenzene	13.075	119	1179821	142.934	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	1277663	145.751	ug/l	100
85) sec-Butylbenzene	13.251	105	1692399	139.779	ug/l	98
86) p-Isopropyltoluene	13.367	119	1407717	141.331	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	723704	143.735	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	709261	144.498	ug/l	100
89) n-Butylbenzene	13.696	91	1261524	139.947	ug/l	98
90) Hexachloroethane	13.959	117	283977	145.325	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	632191	146.081	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	37132	150.631	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	380562	156.421	ug/l	99
94) Hexachlorobutadiene	15.111	225	191484	142.647	ug/l	98
95) Naphthalene	15.233	128	756262	169.636	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	325865	163.209	ug/l	99

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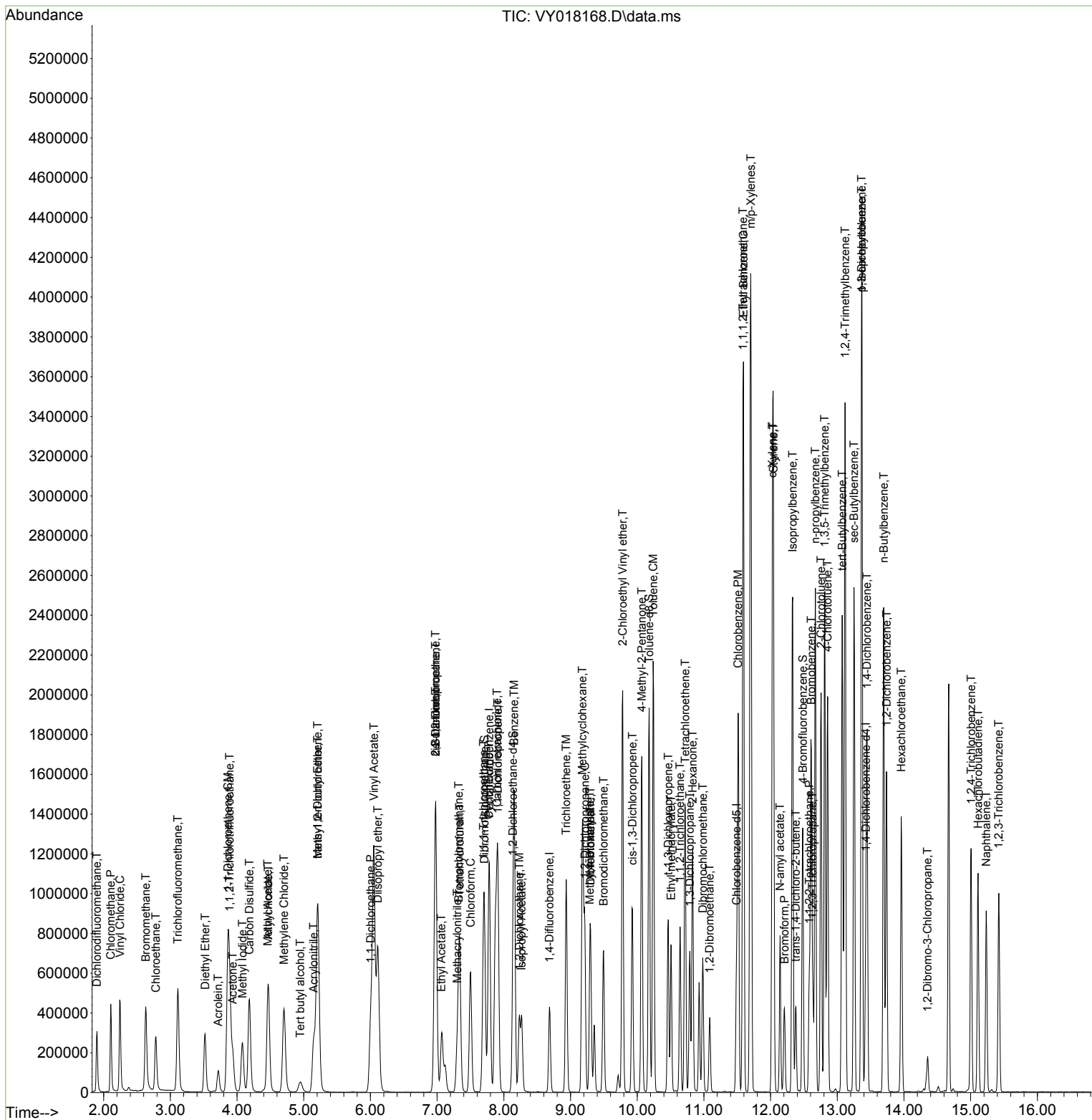
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MSVOA_Y
ClientSampleId :
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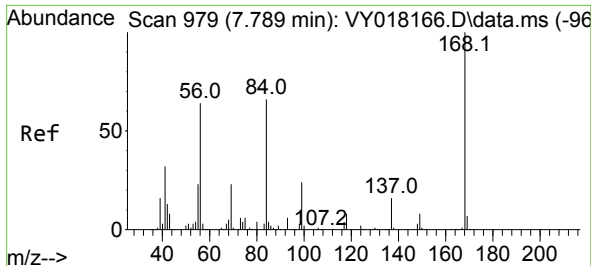
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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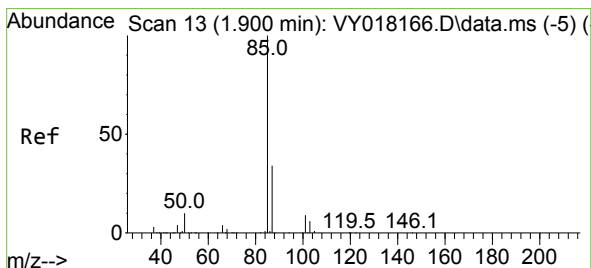
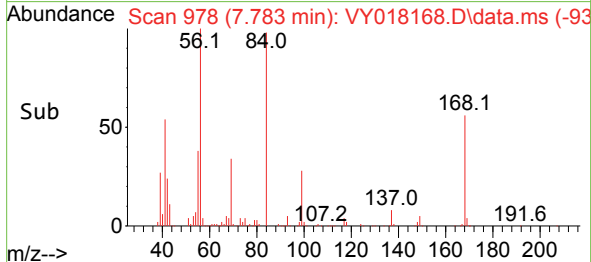
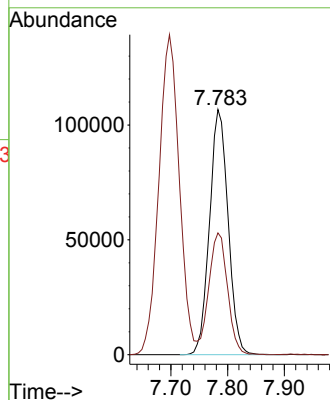
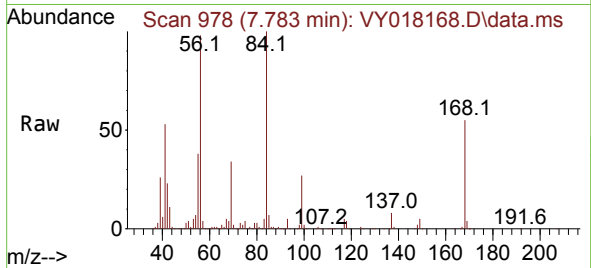




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018168.D
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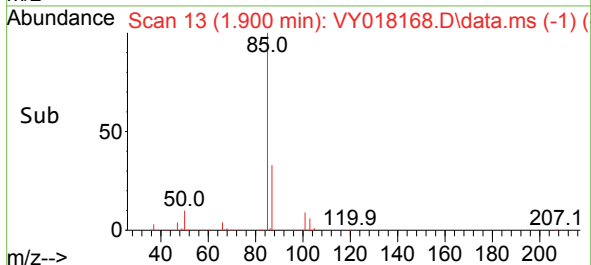
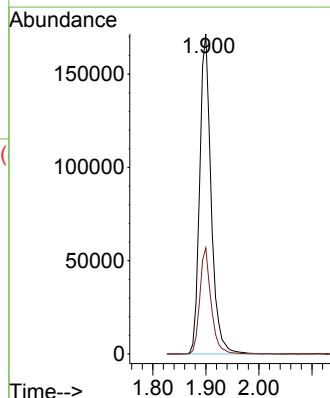
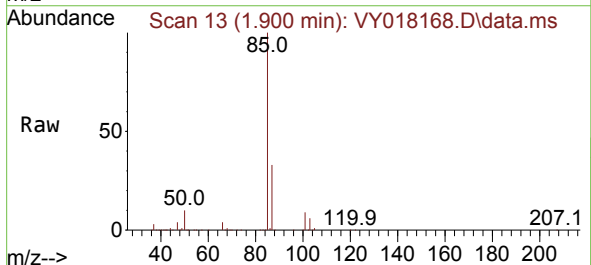
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

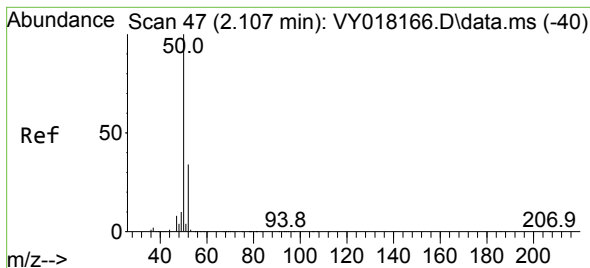
Tgt Ion:168 Resp: 242797
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 133.866 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 85 Resp: 257757
Ion Ratio Lower Upper
85 100
87 33.2 16.0 48.0





#3

Chloromethane

Concen: 148.863 ug/l

RT: 2.107 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

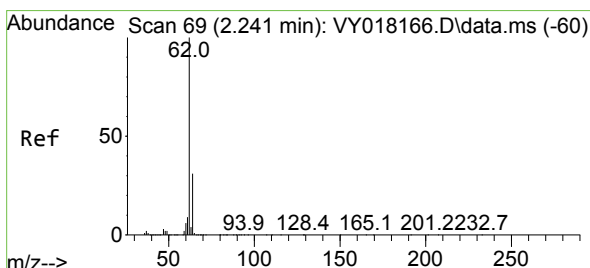
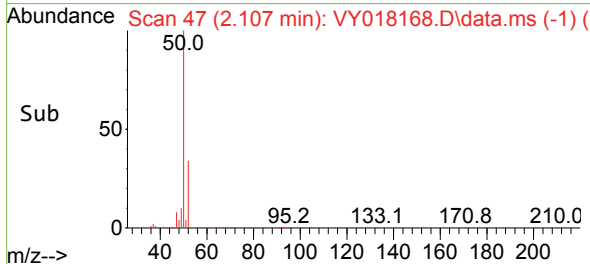
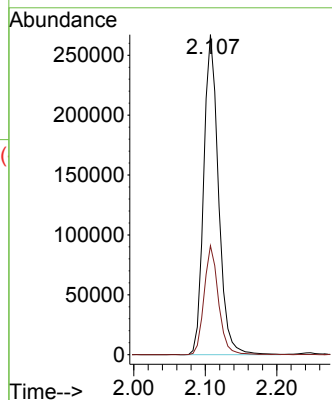
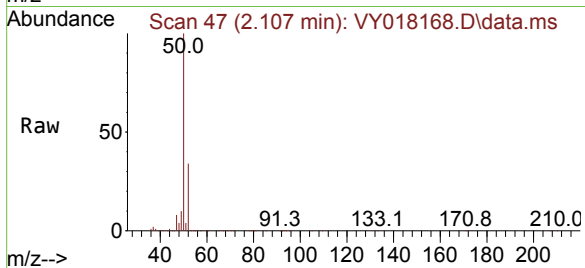
VSTDIC150

Tgt Ion: 50 Resp: 383694

Ion Ratio Lower Upper

50 100

52 34.0 25.6 38.4



#4

Vinyl Chloride

Concen: 146.033 ug/l

RT: 2.247 min Scan# 70

Delta R.T. 0.006 min

Lab File: VY018168.D

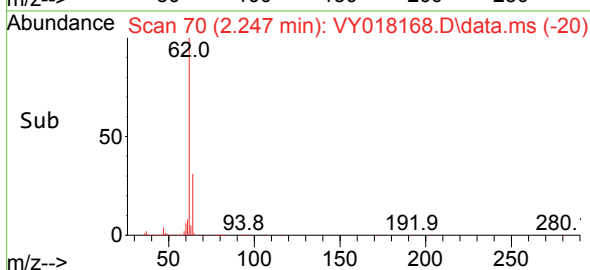
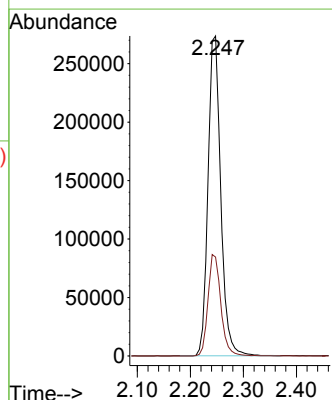
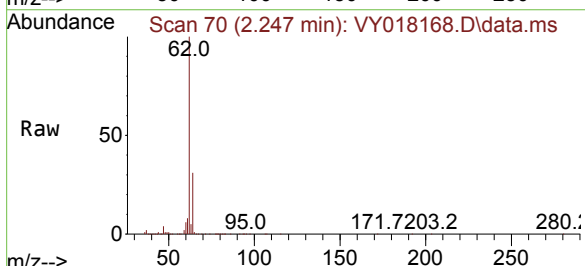
Acq: 07 May 2024 11:25

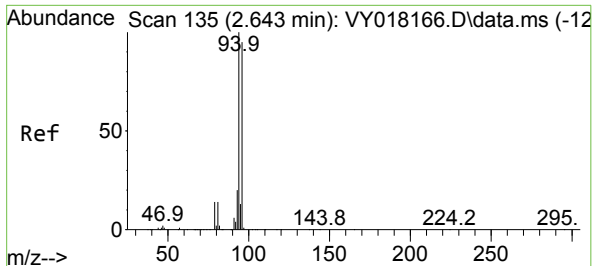
Tgt Ion: 62 Resp: 456280

Ion Ratio Lower Upper

62 100

64 30.9 26.1 39.1

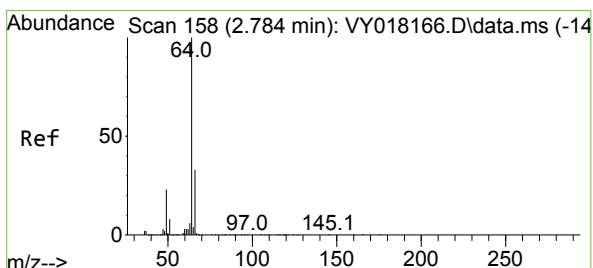
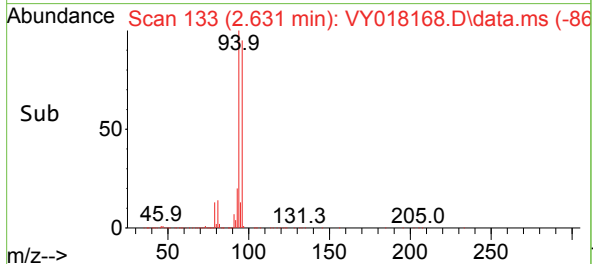
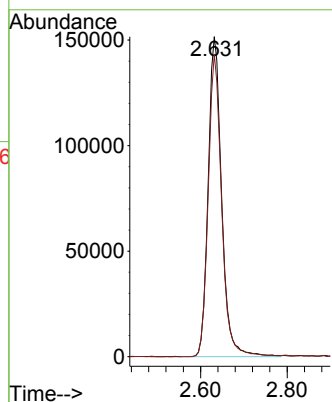
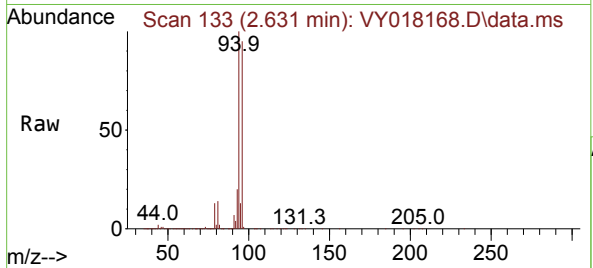




#5
Bromomethane
Concen: 151.302 ug/l
RT: 2.631 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY018168.D
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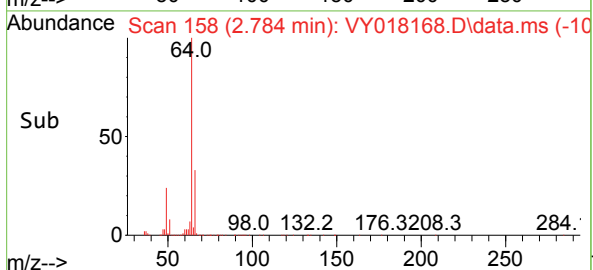
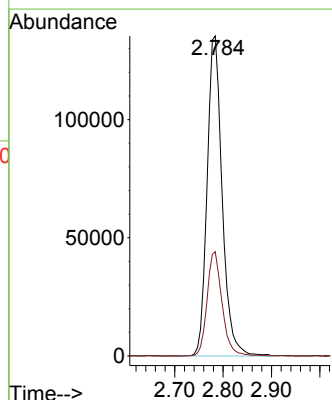
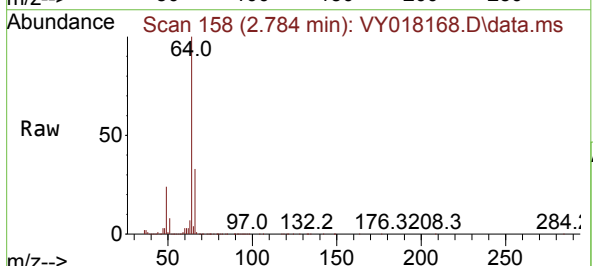
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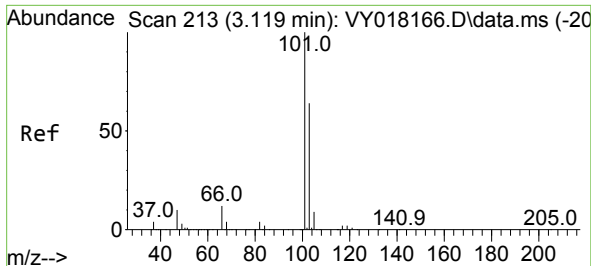
Tgt Ion: 94 Resp: 328314
Ion Ratio Lower Upper
94 100
96 94.6 74.1 111.1



#6
Chloroethane
Concen: 147.845 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 64 Resp: 293170
Ion Ratio Lower Upper
64 100
66 32.6 26.1 39.1

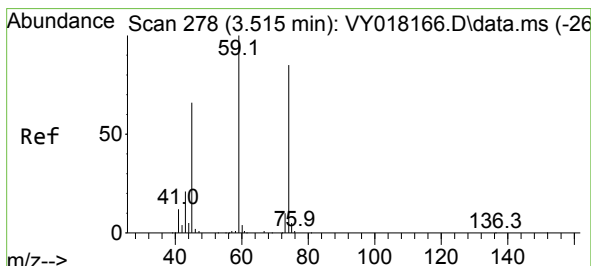
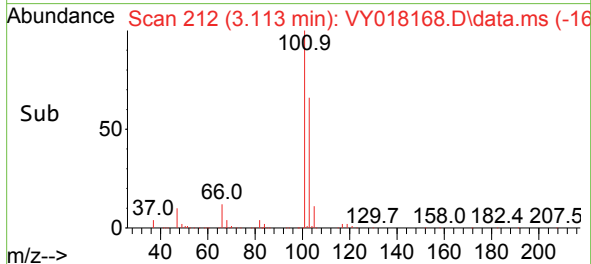
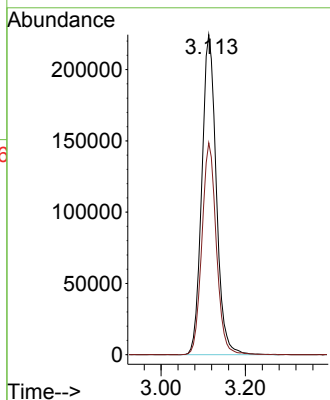
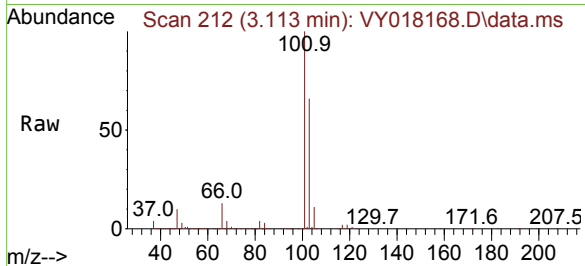




#7
Trichlorofluoromethane
Concen: 146.637 ug/l
RT: 3.113 min Scan# 213
Delta R.T. -0.006 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

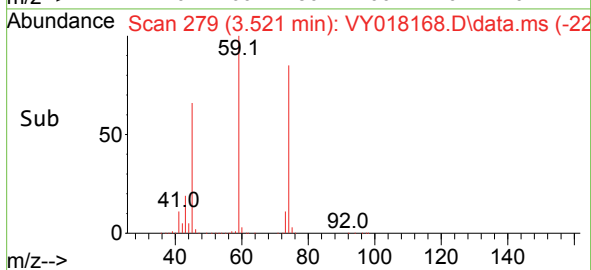
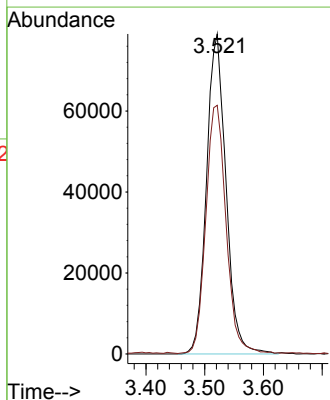
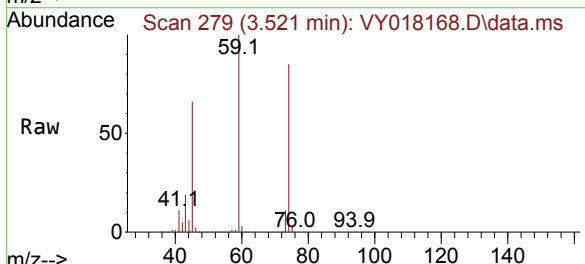
Instrument :
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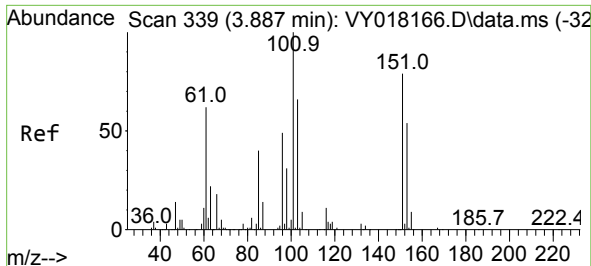
Tgt Ion:101 Resp: 536663
Ion Ratio Lower Upper
101 100
103 66.2 49.3 73.9



#8
Diethyl Ether
Concen: 150.971 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY018168.D
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Tgt Ion: 74 Resp: 181890
Ion Ratio Lower Upper
74 100
45 80.6 41.3 124.1

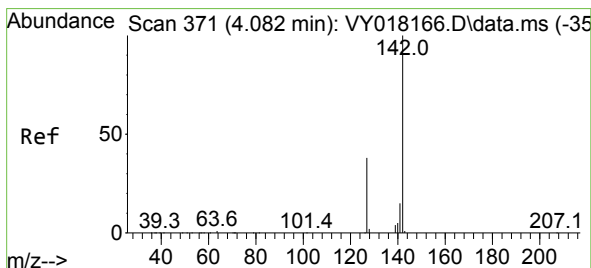
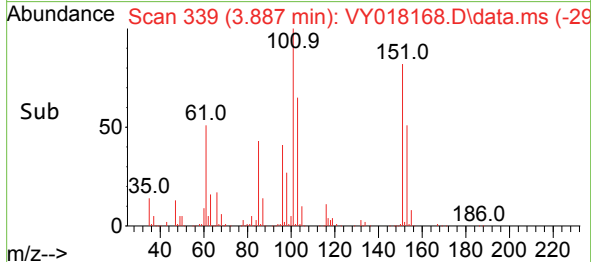
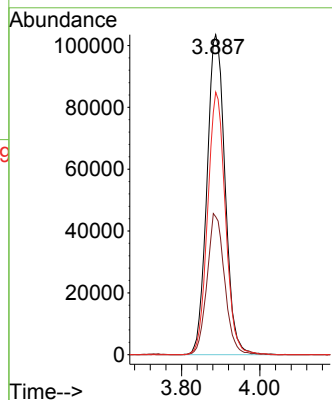
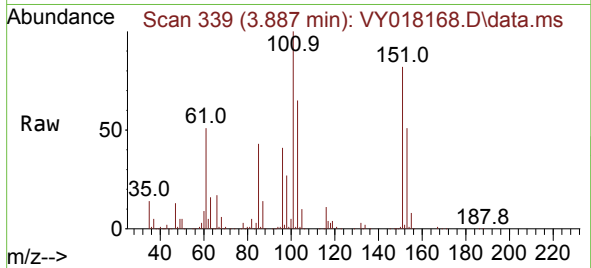




#9
1,1,2-Trichlorotrifluoroethane
Concen: 142.082 ug/l
RT: 3.887 min Scan# 339
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

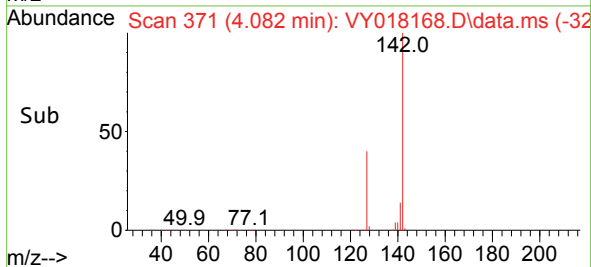
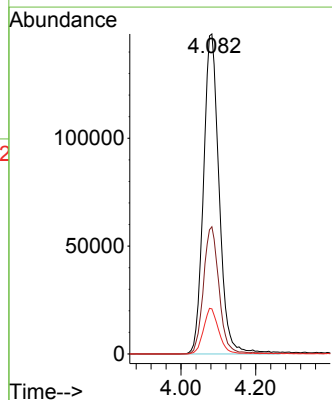
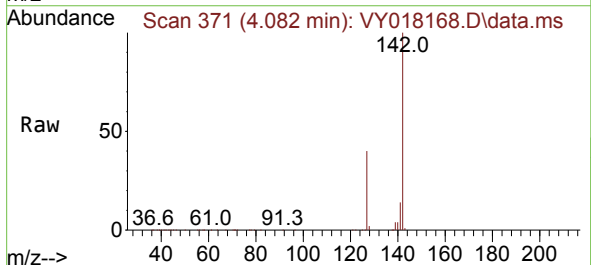
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

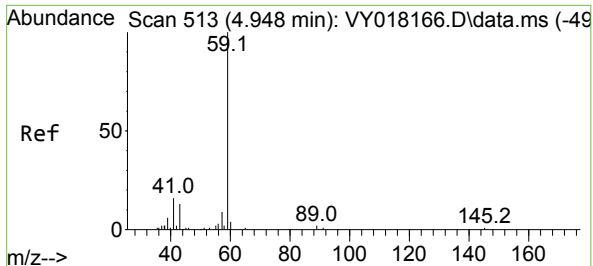
Tgt Ion:101 Resp: 331400
Ion Ratio Lower Upper
101 100
85 42.9 34.5 51.7
151 80.4 61.7 92.5



#10
Methyl Iodide
Concen: 158.707 ug/l
RT: 4.082 min Scan# 371
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion:142 Resp: 432271
Ion Ratio Lower Upper
142 100
127 39.4 32.8 49.2
141 13.9 11.4 17.2

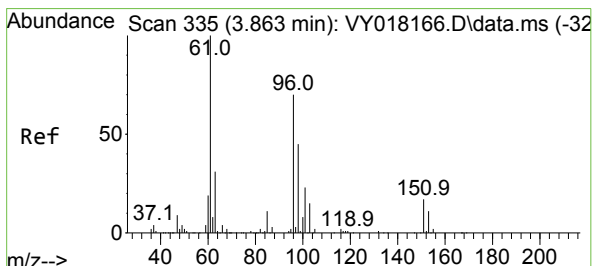
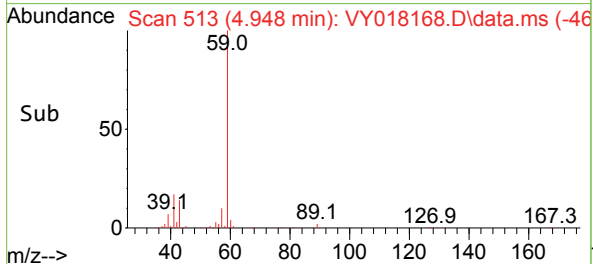
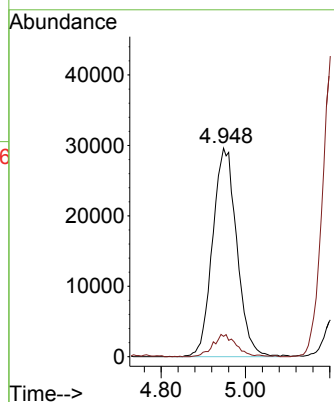
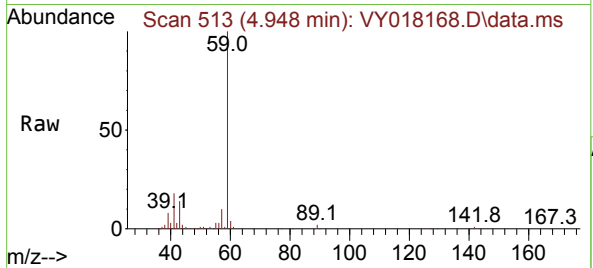




#11
Tert butyl alcohol
Concen: 775.591 ug/l
RT: 4.948 min Scan# 513
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

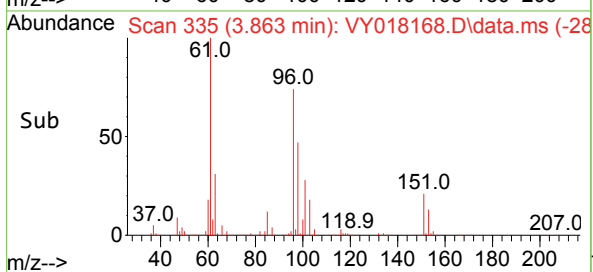
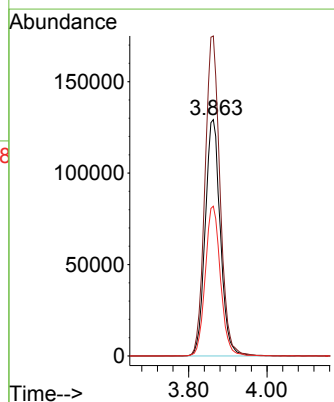
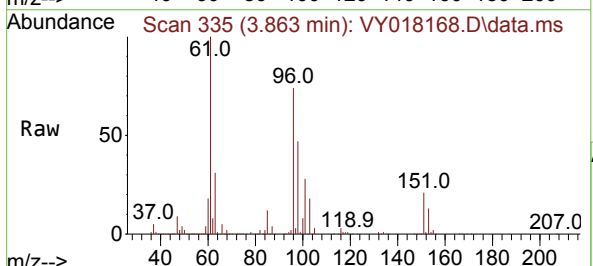
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

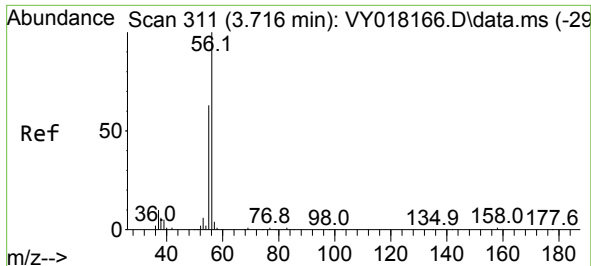
Tgt Ion: 59 Resp: 117853
Ion Ratio Lower Upper
59 100
57 10.0 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 147.138 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 96 Resp: 345488
Ion Ratio Lower Upper
96 100
61 135.3 114.6 171.8
98 63.3 50.8 76.2

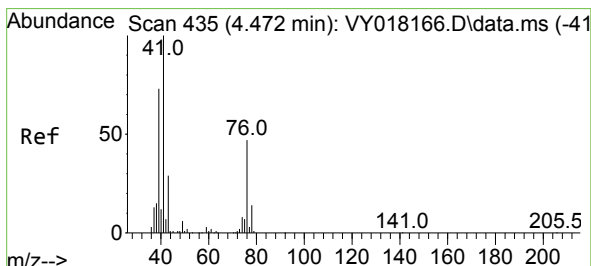
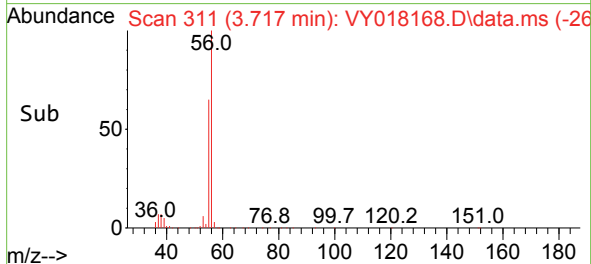
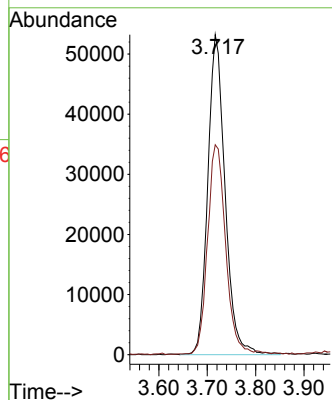
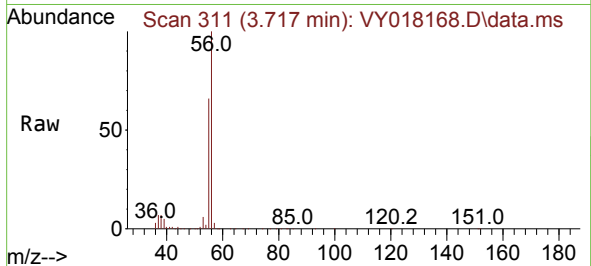




#13
Acrolein
Concen: 767.129 ug/l
RT: 3.717 min Scan# 311
Delta R.T. 0.001 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

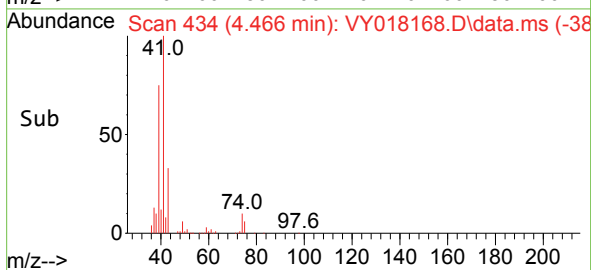
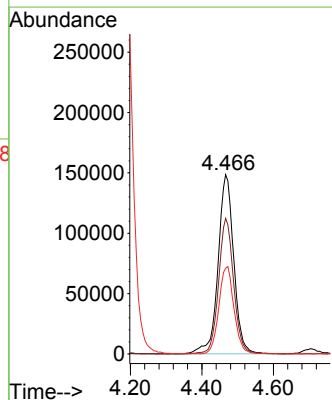
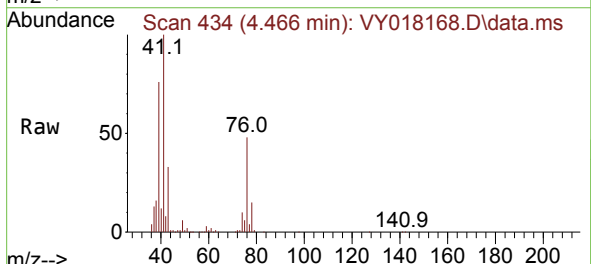
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

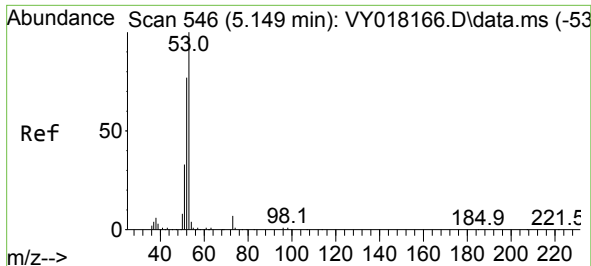
Tgt Ion: 56 Resp: 132261
Ion Ratio Lower Upper
56 100
55 68.1 55.7 83.5



#14
Allyl chloride
Concen: 151.318 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.006 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 41 Resp: 452005
Ion Ratio Lower Upper
41 100
39 72.5 58.3 87.5
76 46.8 39.0 58.6

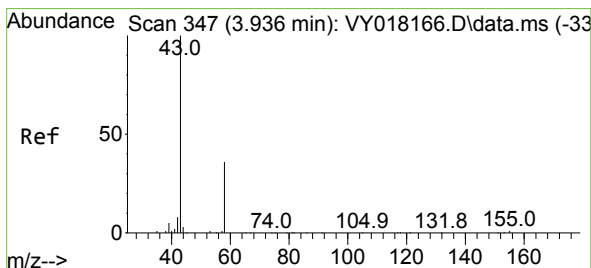
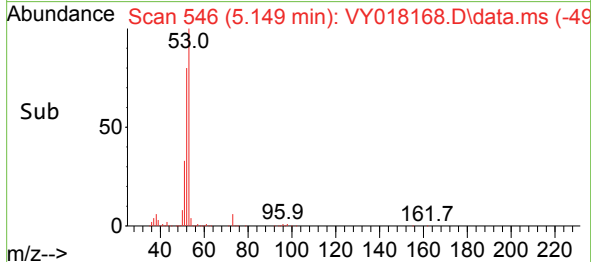
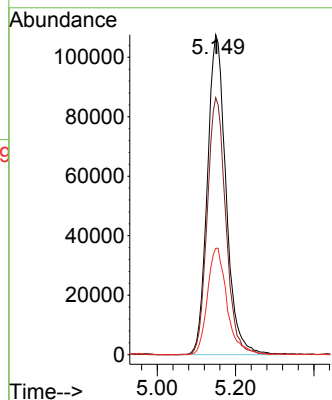
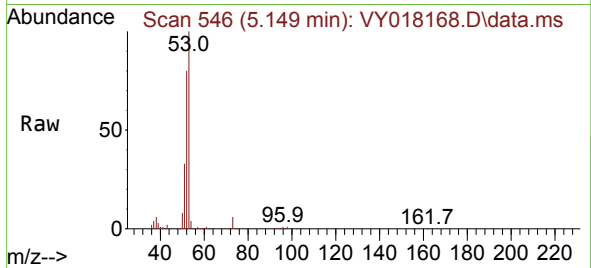




#15
Acrylonitrile
Concen: 767.953 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

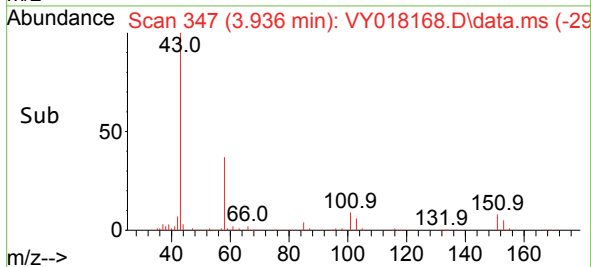
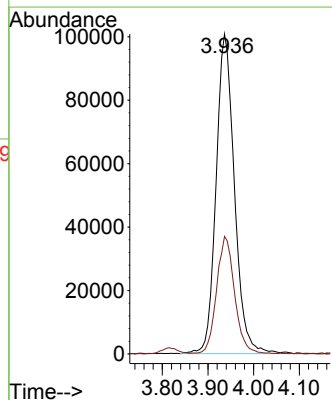
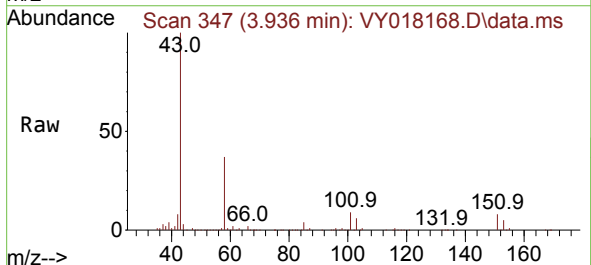
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

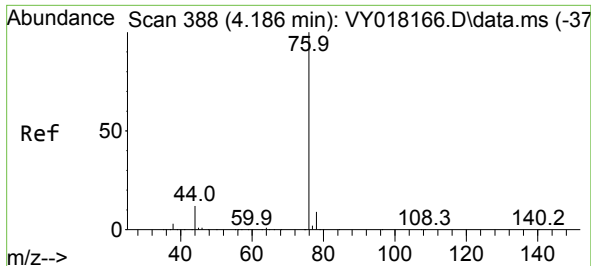
Tgt Ion: 53 Resp: 355808
Ion Ratio Lower Upper
53 100
52 79.9 64.7 97.1
51 34.9 28.4 42.6



#16
Acetone
Concen: 786.600 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 43 Resp: 280384
Ion Ratio Lower Upper
43 100
58 36.6 31.7 47.5

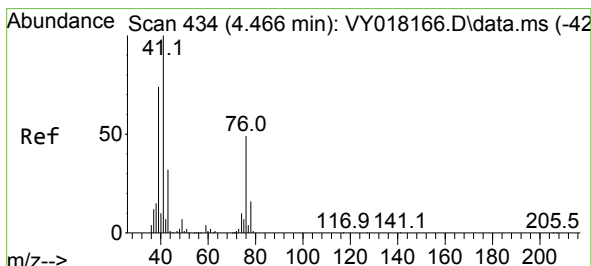
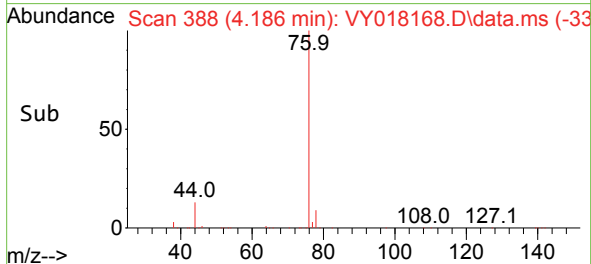
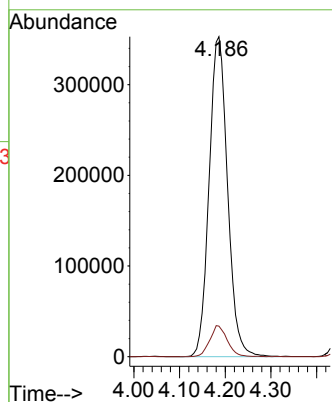
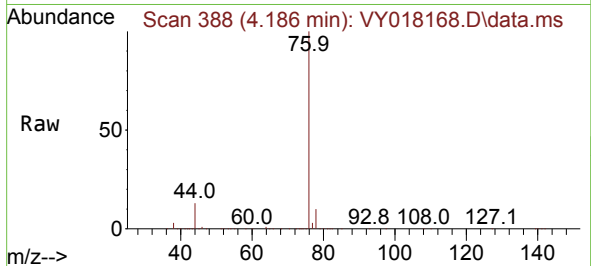




#17
Carbon Disulfide
Concen: 154.721 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

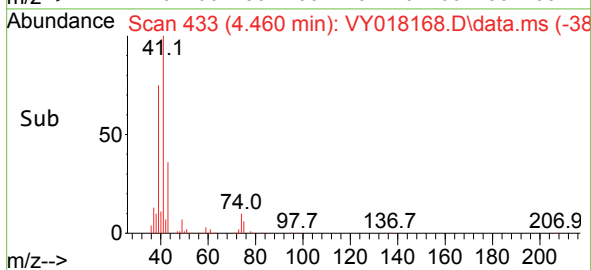
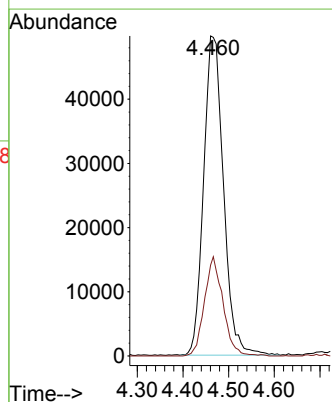
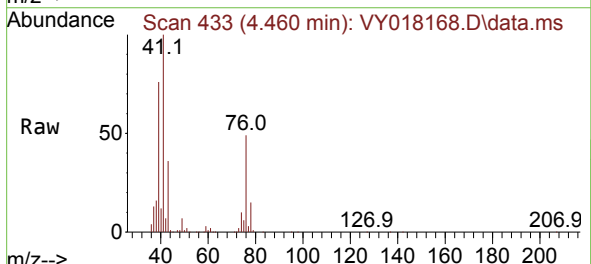
Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

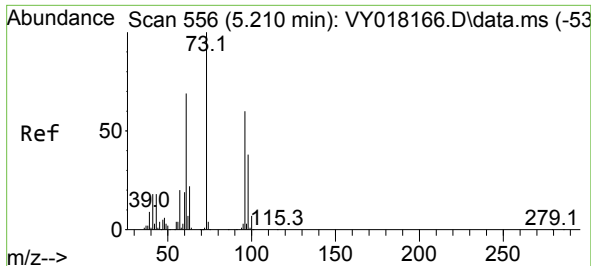
Tgt Ion: 76 Resp: 989024
Ion Ratio Lower Upper
76 100
78 9.5 6.8 10.2



#18
Methyl Acetate
Concen: 148.013 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 43 Resp: 150289
Ion Ratio Lower Upper
43 100
74 29.0 23.3 34.9

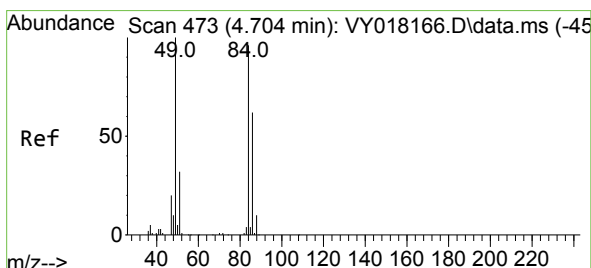
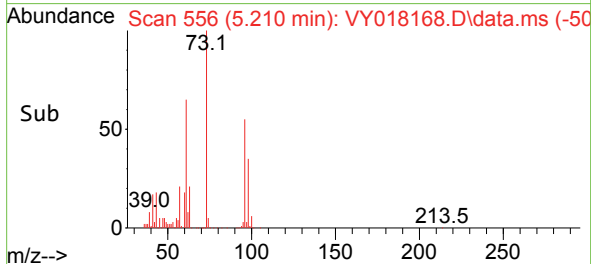
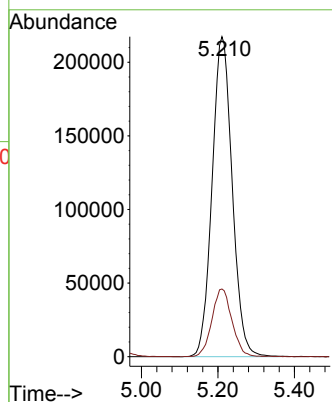
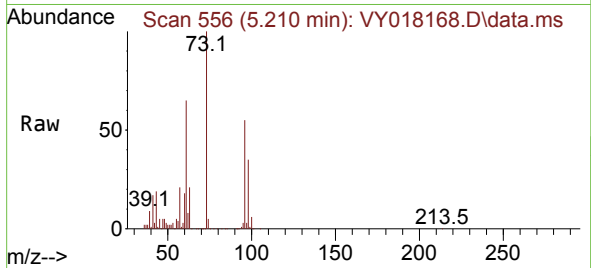




#19
Methyl tert-butyl Ether
Concen: 151.562 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

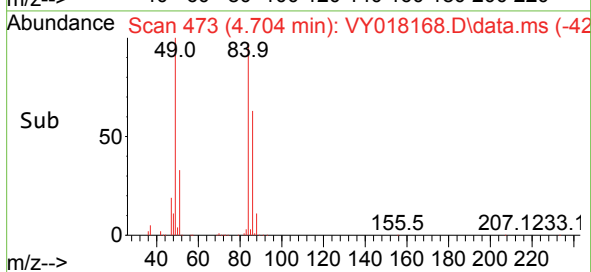
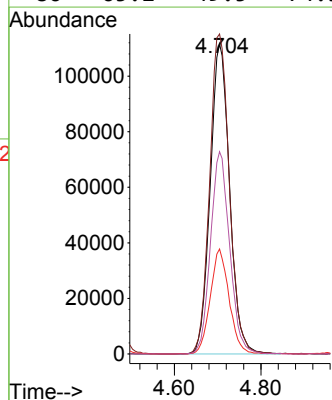
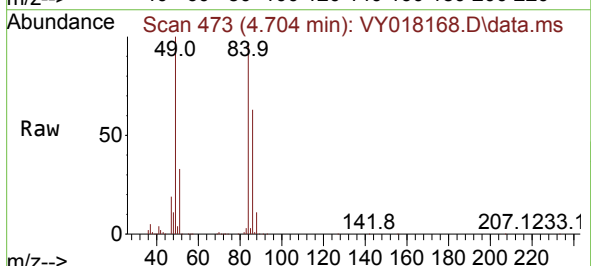
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

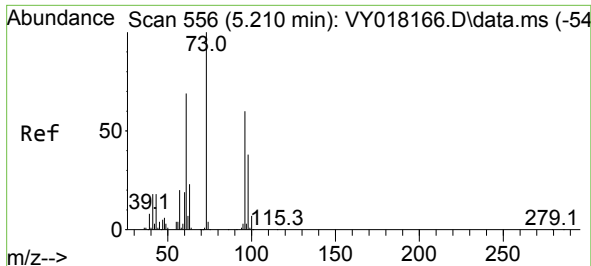
Tgt Ion: 73 Resp: 792740
Ion Ratio Lower Upper
73 100
57 21.2 17.3 25.9



#20
Methylene Chloride
Concen: 137.765 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 84 Resp: 347092
Ion Ratio Lower Upper
84 100
49 103.1 84.4 126.6
51 33.7 26.0 39.0
86 65.2 49.5 74.3

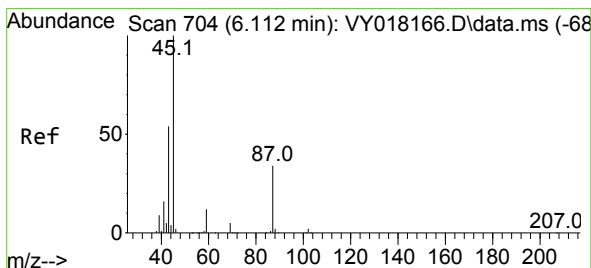
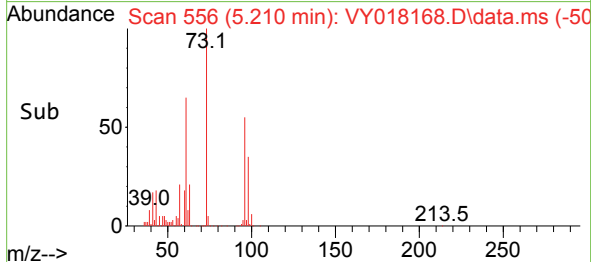
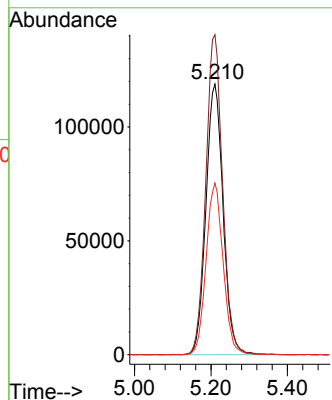
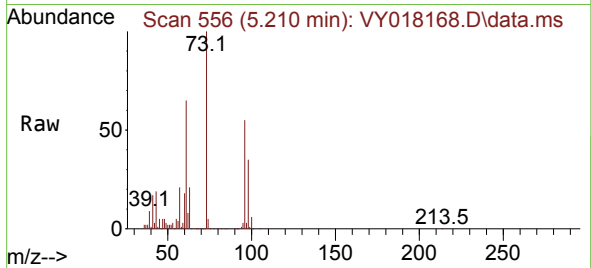




#21
trans-1,2-Dichloroethene
Concen: 148.888 ug/l
RT: 5.210 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

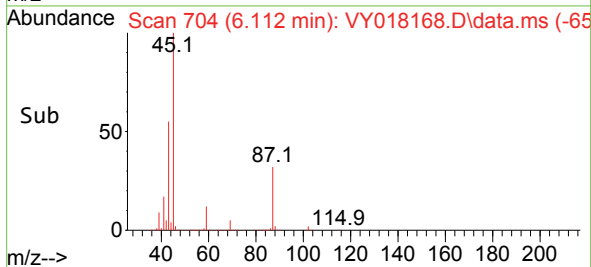
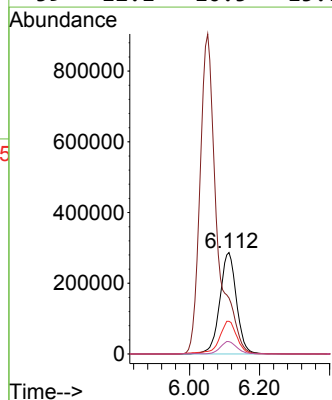
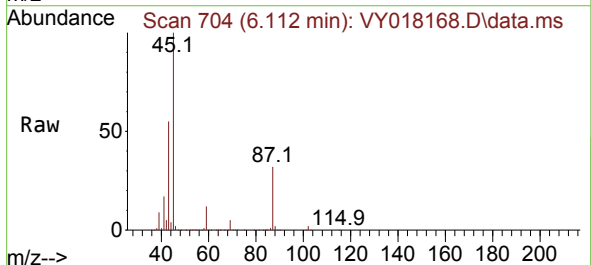
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

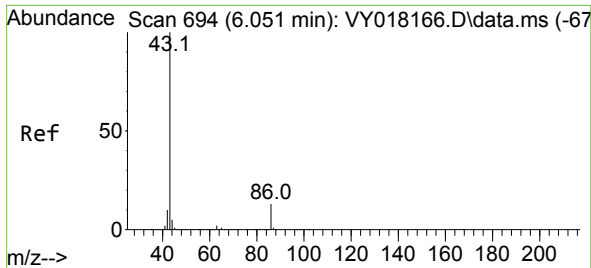
Tgt Ion: 96 Resp: 370582
Ion Ratio Lower Upper
96 100
61 118.2 97.5 146.3
98 63.4 50.5 75.7



#22
Diisopropyl ether
Concen: 149.560 ug/l
RT: 6.112 min Scan# 704
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 45 Resp: 947704
Ion Ratio Lower Upper
45 100
43 55.2 42.2 63.2
87 32.2 25.0 37.6
59 12.1 10.5 15.7

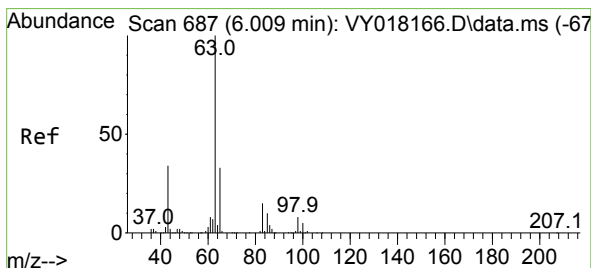
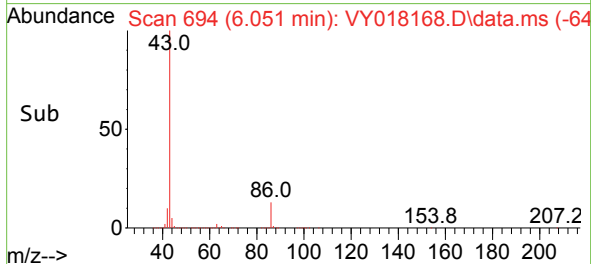
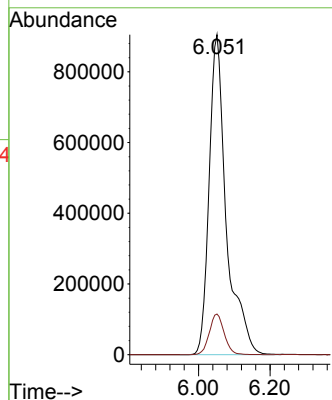
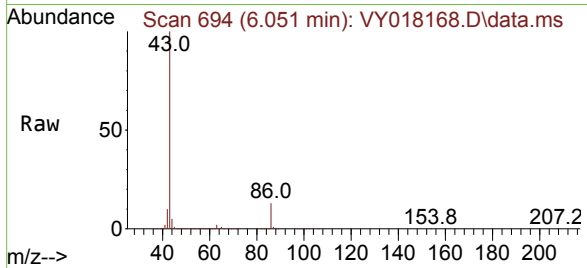




#23
 Vinyl Acetate
 Concen: 785.324 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018168.D
 Acq: 07 May 2024 11:25

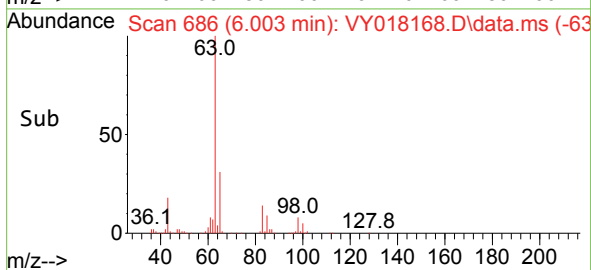
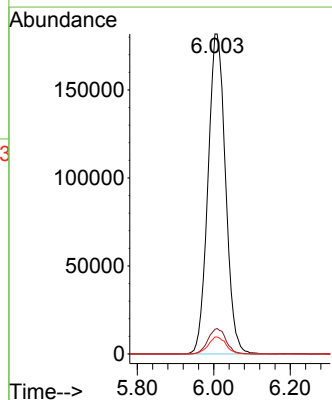
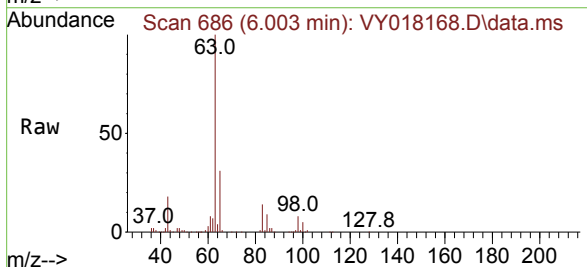
Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

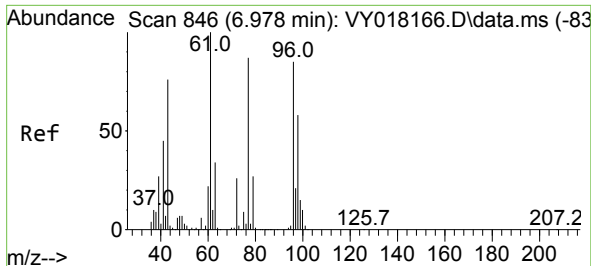
Tgt Ion: 43 Resp: 3024571
 Ion Ratio Lower Upper
 43 100
 86 12.7 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 148.257 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. -0.006 min
 Lab File: VY018168.D
 Acq: 07 May 2024 11:25

Tgt Ion: 63 Resp: 578620
 Ion Ratio Lower Upper
 63 100
 98 7.7 4.0 12.2
 100 5.3 2.6 8.0

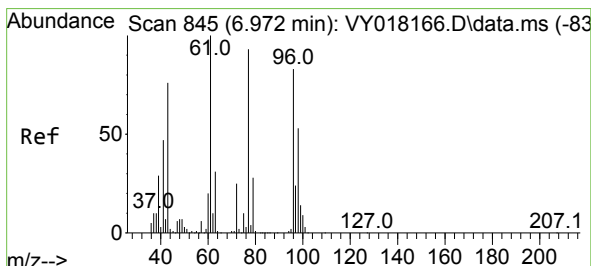
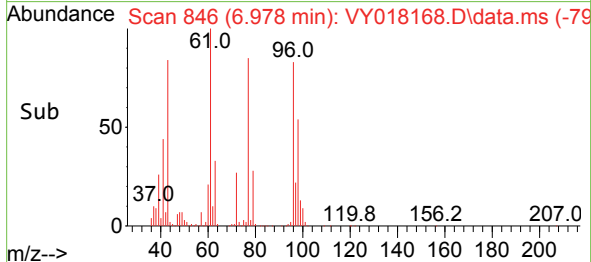
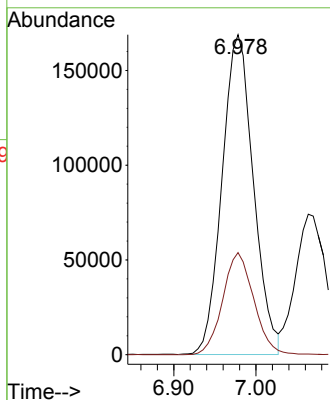
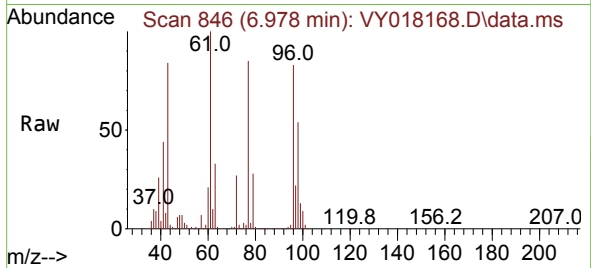




#25
2-Butanone
Concen: 785.847 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

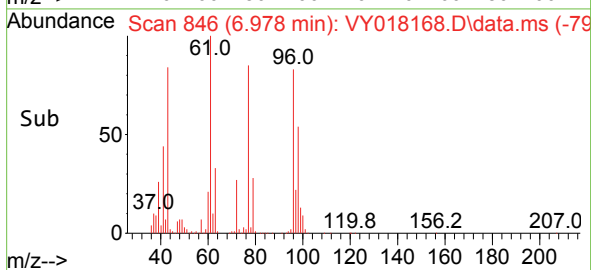
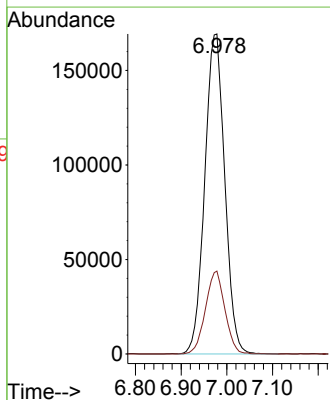
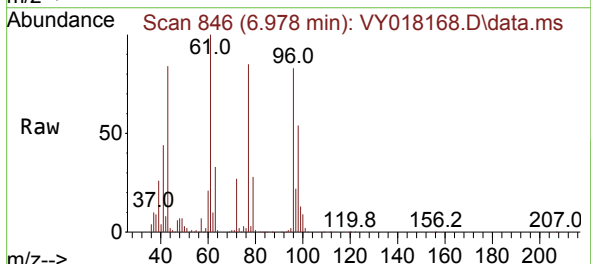
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

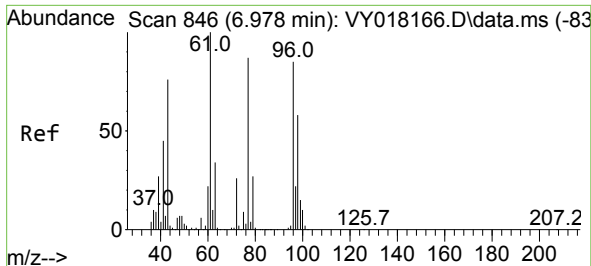
Tgt Ion: 43 Resp: 447763
Ion Ratio Lower Upper
43 100
72 31.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 145.521 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.006 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 77 Resp: 514030
Ion Ratio Lower Upper
77 100
97 25.2 12.0 36.1



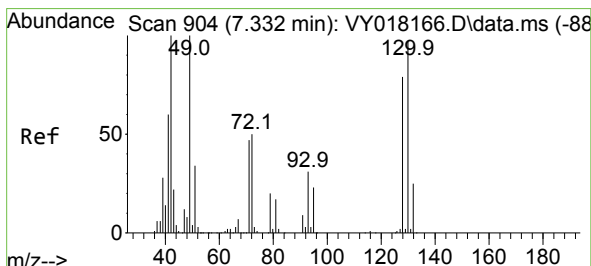
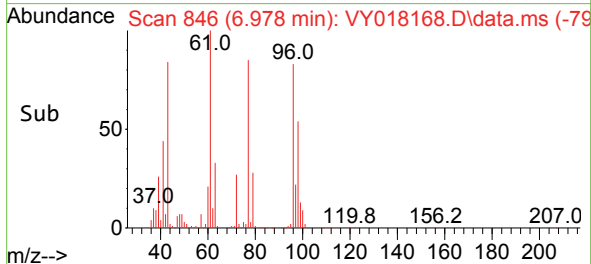
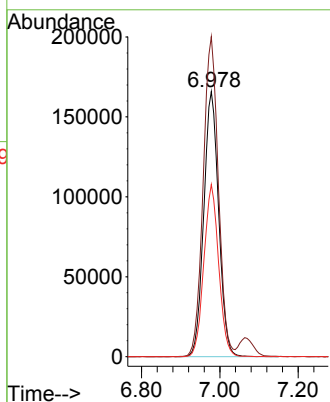
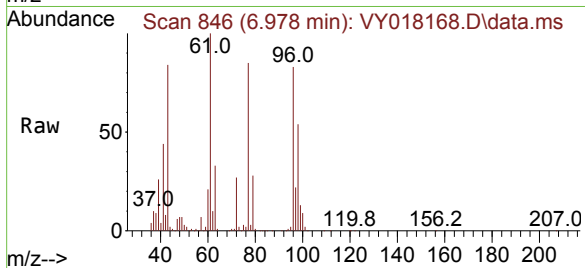


#27
 cis-1,2-Dichloroethene
 Concen: 148.538 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018168.D
 Acq: 07 May 2024 11:25

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC150

Tgt Ion: 96 Resp: 436916

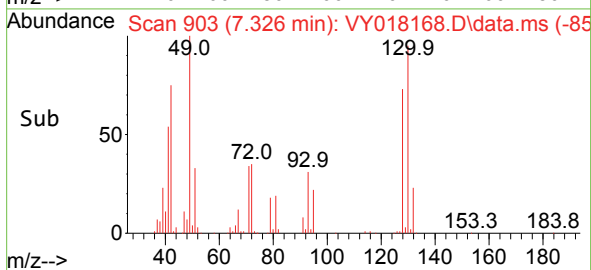
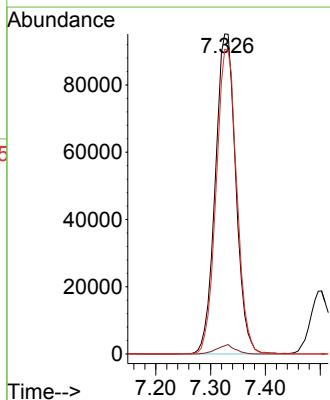
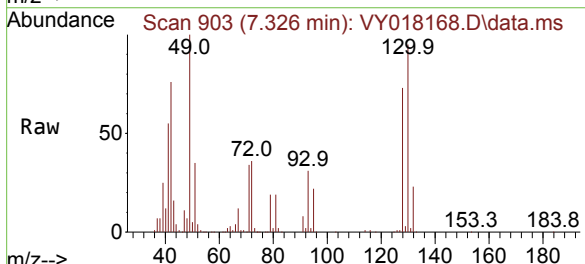
Ion	Ratio	Lower	Upper
96	100		
61	123.3	0.0	256.2
98	64.6	0.0	130.0

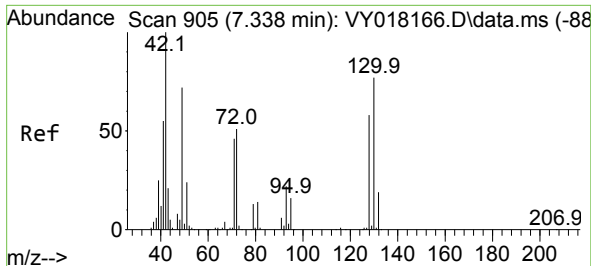


#28
 Bromochloromethane
 Concen: 158.810 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018168.D
 Acq: 07 May 2024 11:25

Tgt Ion: 49 Resp: 247732

Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.6
130	95.5	72.7	109.1

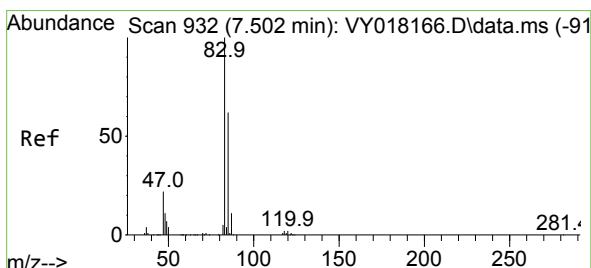
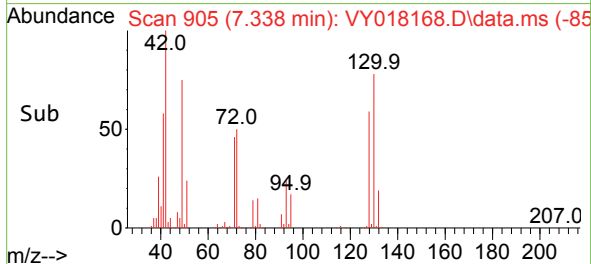
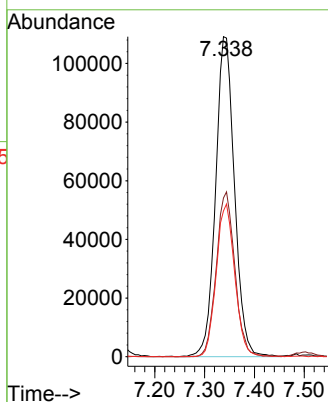
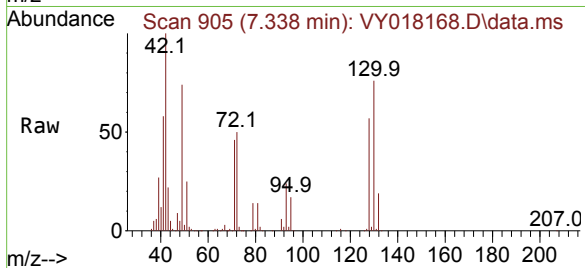




#29
Tetrahydrofuran
Concen: 763.922 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

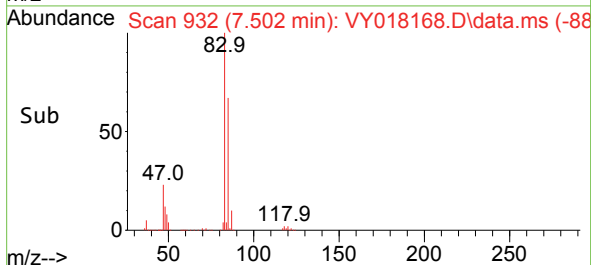
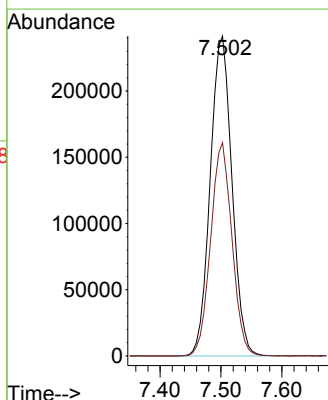
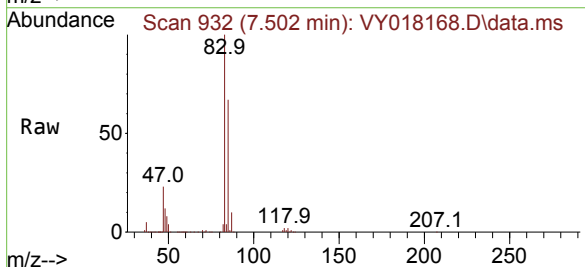
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

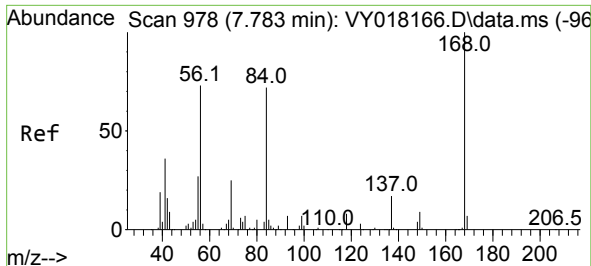
Tgt Ion: 42 Resp: 287318
Ion Ratio Lower Upper
42 100
72 50.6 43.0 64.4
71 46.8 40.8 61.2



#30
Chloroform
Concen: 146.828 ug/l
RT: 7.502 min Scan# 932
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 83 Resp: 598234
Ion Ratio Lower Upper
83 100
85 66.6 52.2 78.4

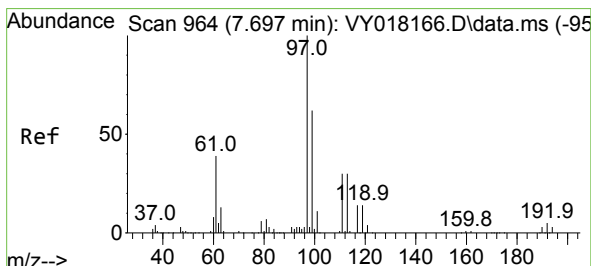
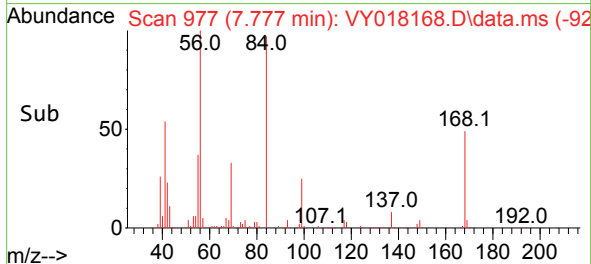
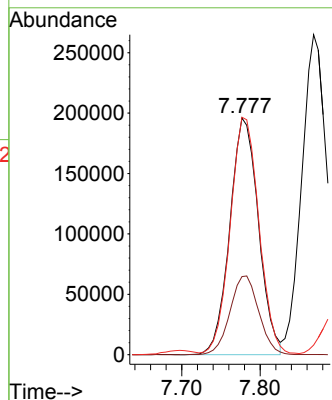
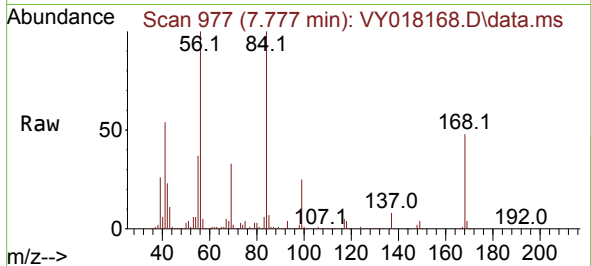




#31
Cyclohexane
Concen: 147.906 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

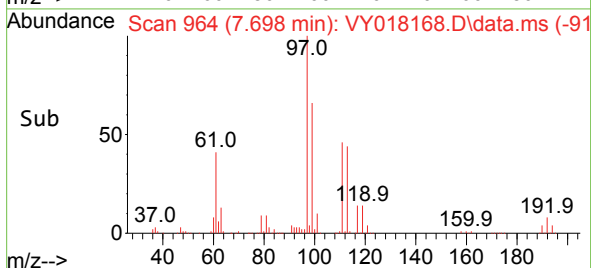
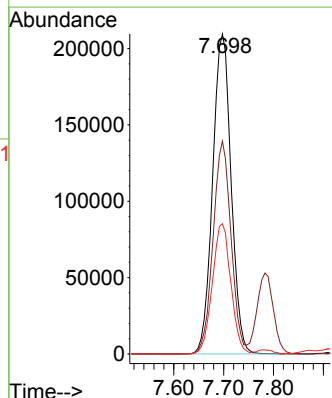
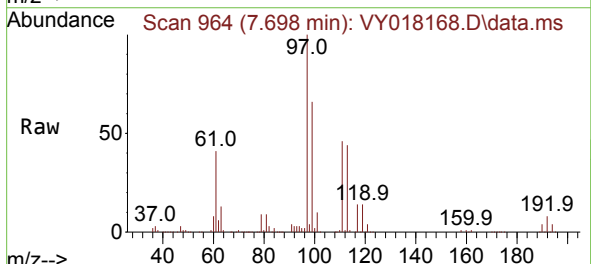
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

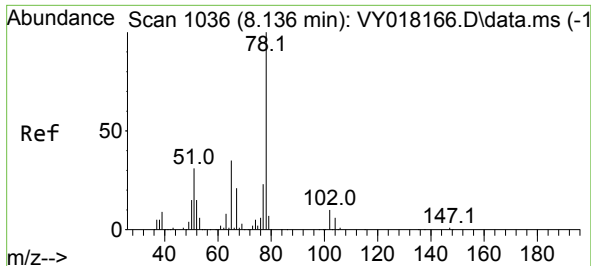
Tgt Ion: 56 Resp: 499269
Ion Ratio Lower Upper
56 100
69 32.9 28.7 43.1
84 98.5 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 147.462 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 97 Resp: 538511
Ion Ratio Lower Upper
97 100
99 64.9 50.3 75.5
61 40.8 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 160.958 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

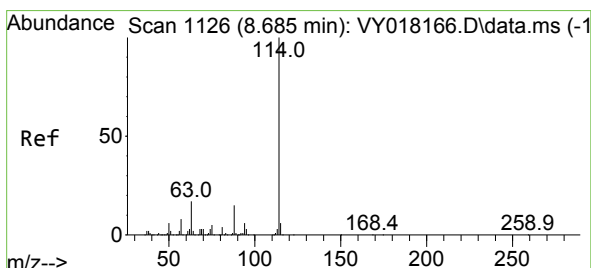
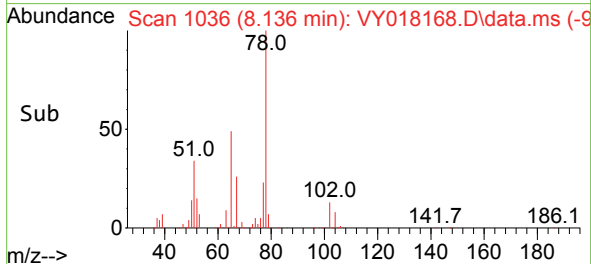
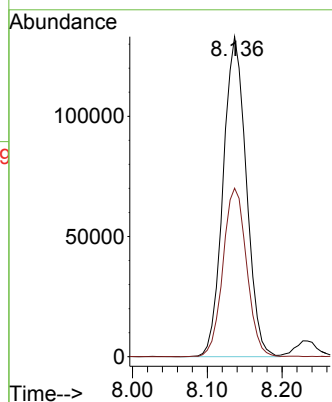
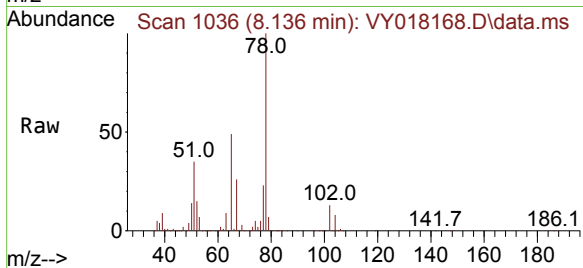
VSTDIC150

Tgt Ion: 65 Resp: 287500

Ion Ratio Lower Upper

65 100

67 53.7 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: VY018168.D

Acq: 07 May 2024 11:25

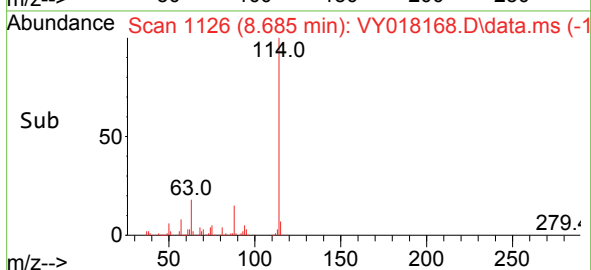
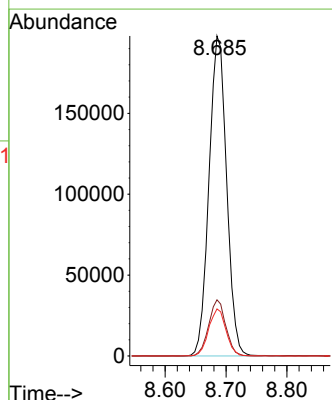
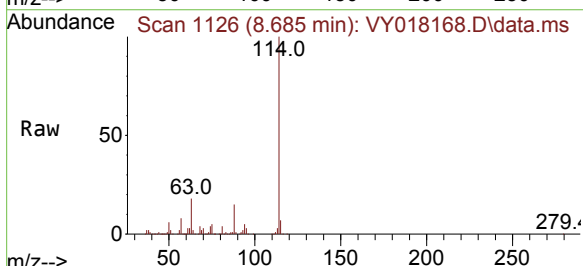
Tgt Ion: 114 Resp: 396820

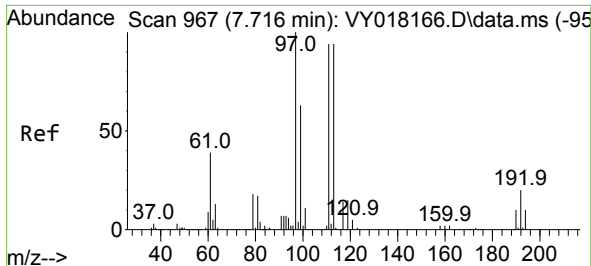
Ion Ratio Lower Upper

114 100

63 17.6 0.0 35.0

88 14.7 0.0 27.2

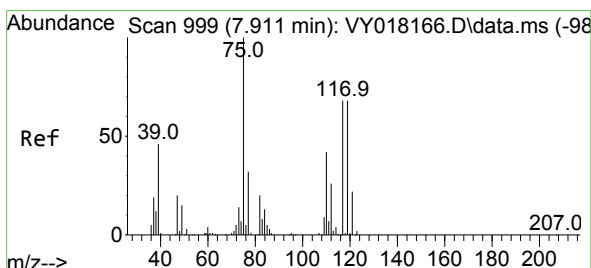
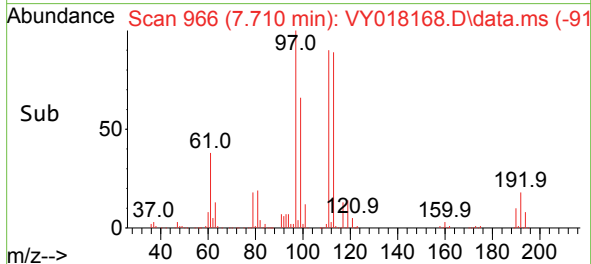
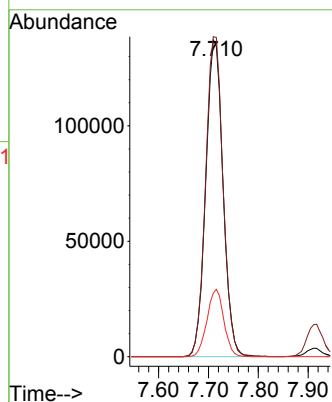
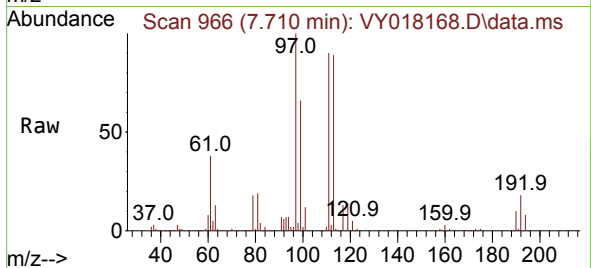




#35
Dibromofluoromethane
Concen: 158.222 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

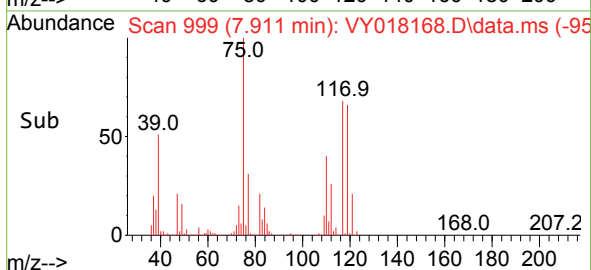
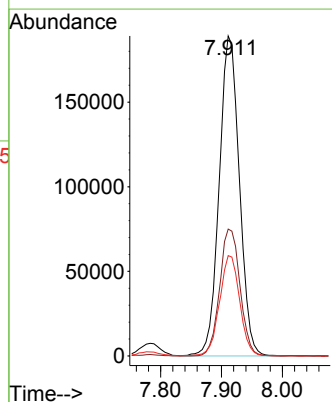
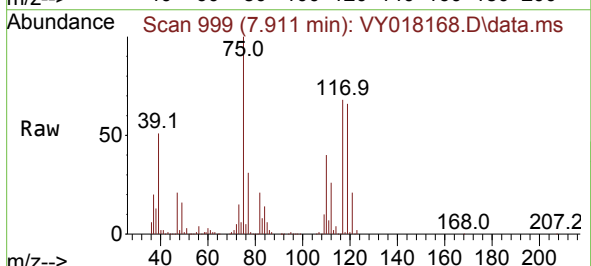
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

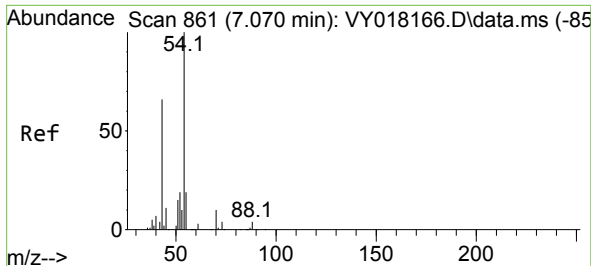
Tgt Ion:113 Resp: 329967
Ion Ratio Lower Upper
113 100
111 102.1 82.2 123.4
192 20.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 145.671 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 75 Resp: 435509
Ion Ratio Lower Upper
75 100
110 39.9 19.0 57.0
77 31.4 25.3 37.9

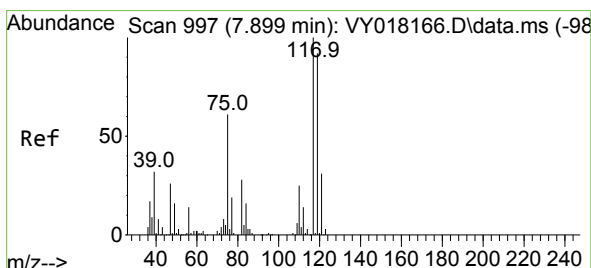
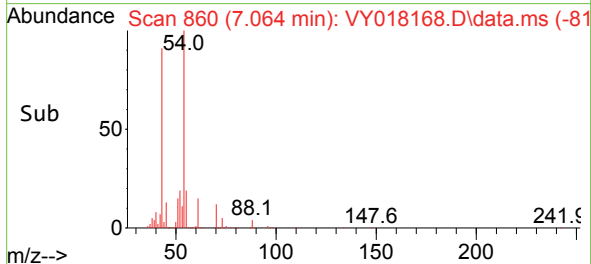
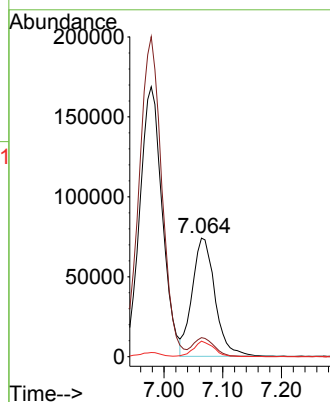
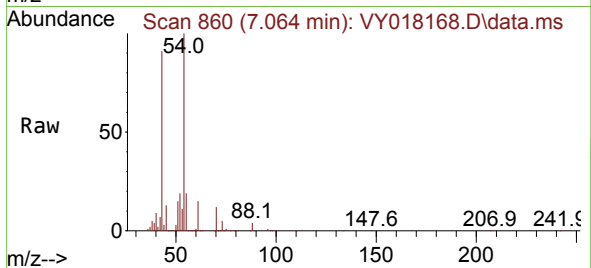




#37
Ethyl Acetate
Concen: 158.748 ug/l
RT: 7.064 min Scan# 860
Delta R.T. -0.006 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

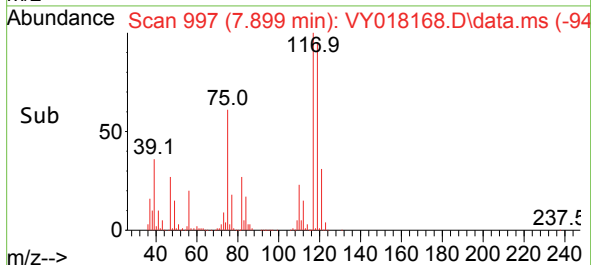
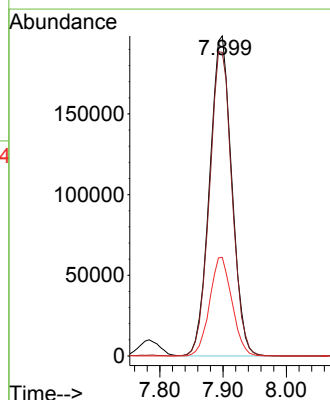
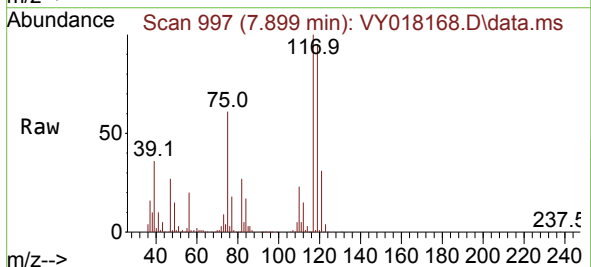
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

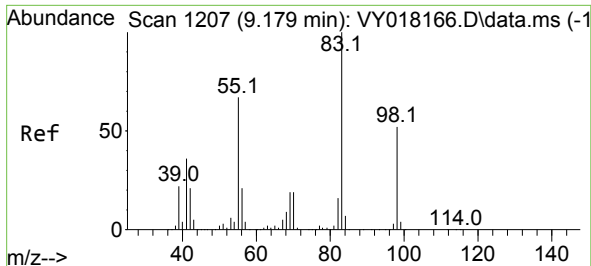
Tgt Ion: 43 Resp: 199756
Ion Ratio Lower Upper
43 100
61 14.8 12.6 19.0
70 11.5 7.8 11.8



#38
Carbon Tetrachloride
Concen: 148.501 ug/l
RT: 7.899 min Scan# 997
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 117 Resp: 485112
Ion Ratio Lower Upper
117 100
119 94.9 75.8 113.6
121 30.8 24.0 36.0





#39

Methylcyclohexane

Concen: 143.404 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

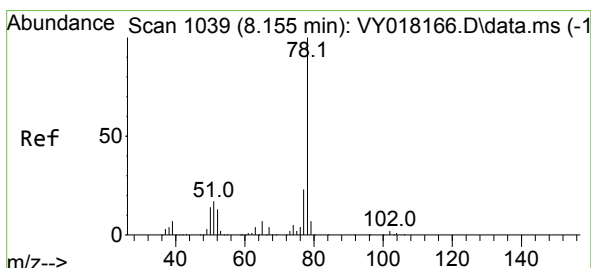
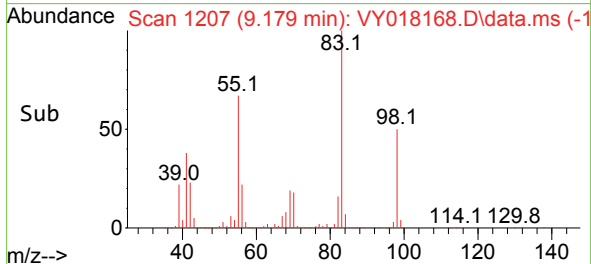
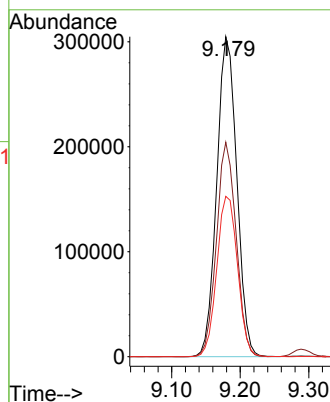
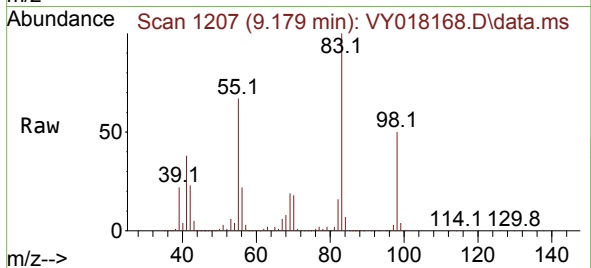
Tgt Ion: 83 Resp: 618510

Ion Ratio Lower Upper

83 100

55 67.0 51.5 77.3

98 50.1 40.5 60.7



#40

Benzene

Concen: 147.920 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018168.D

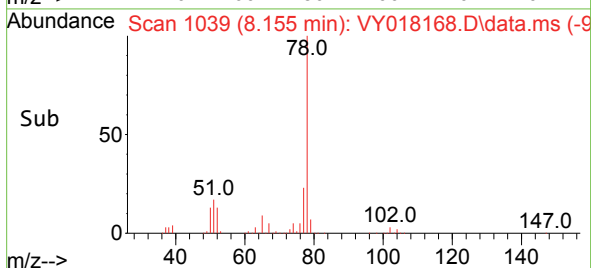
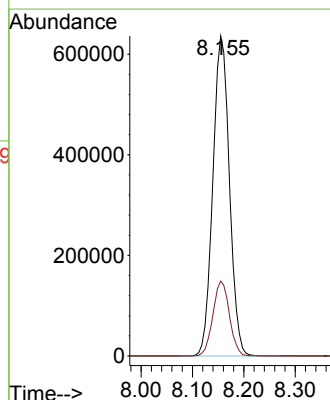
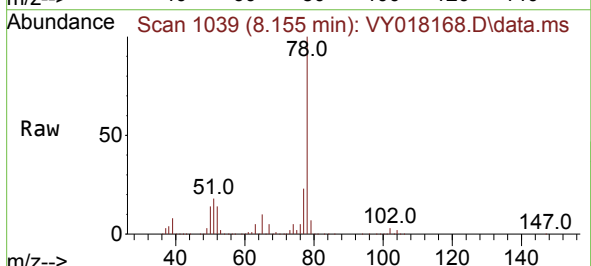
Acq: 07 May 2024 11:25

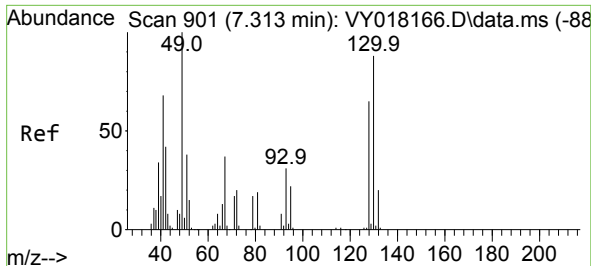
Tgt Ion: 78 Resp: 1422492

Ion Ratio Lower Upper

78 100

77 23.4 19.5 29.3

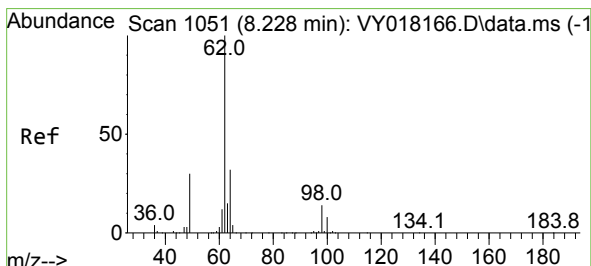
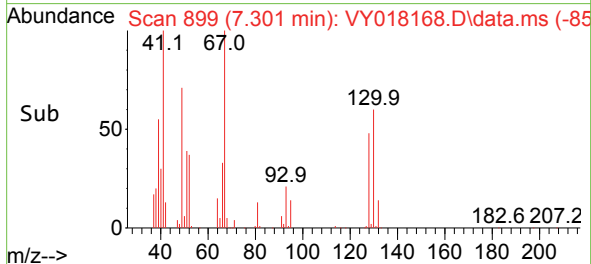
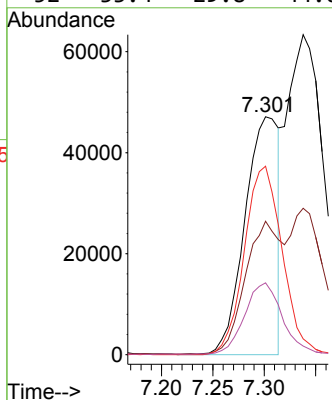
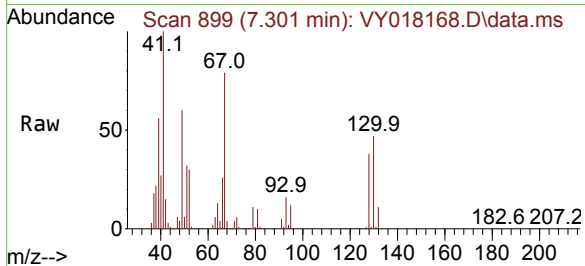




#41
Methacrylonitrile
Concen: 148.537 ug/l
RT: 7.301 min Scan# 899
Delta R.T. -0.012 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

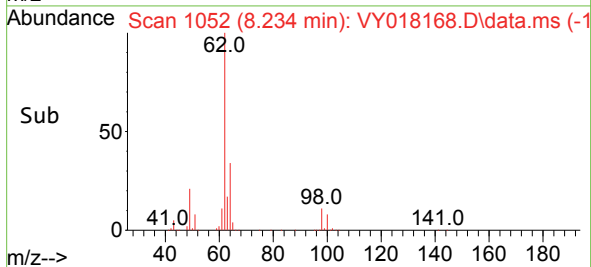
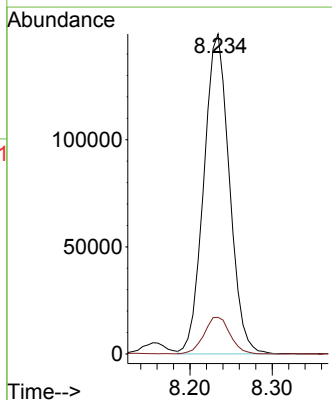
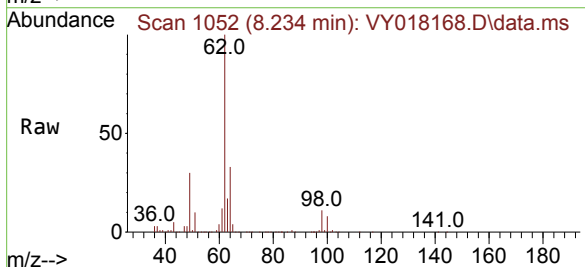
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

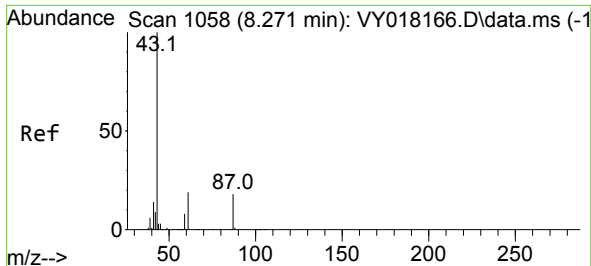
Tgt Ion: 41 Resp: 107931
Ion Ratio Lower Upper
41 100
39 60.9 48.0 72.0
67 88.9 75.1 112.7
52 33.4 29.8 44.6



#42
1,2-Dichloroethane
Concen: 154.092 ug/l
RT: 8.234 min Scan# 1052
Delta R.T. 0.006 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 62 Resp: 322419
Ion Ratio Lower Upper
62 100
98 11.8 0.0 22.0

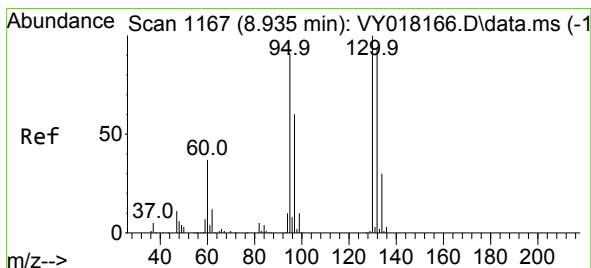
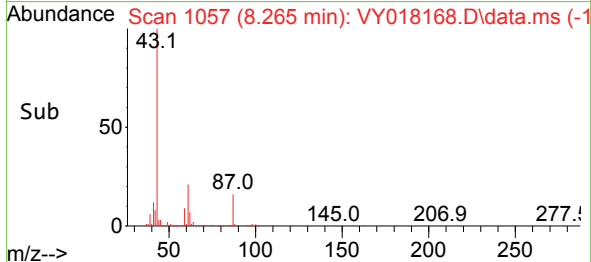
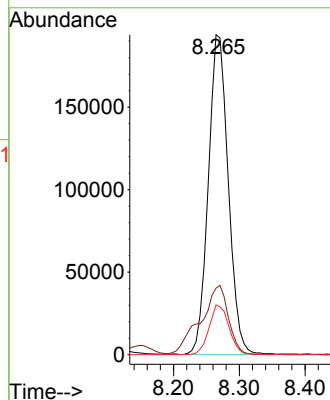
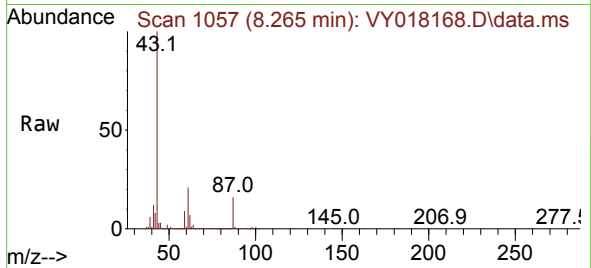




#43
Isopropyl Acetate
Concen: 158.642 ug/l
RT: 8.265 min Scan# 1105
Delta R.T. -0.006 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

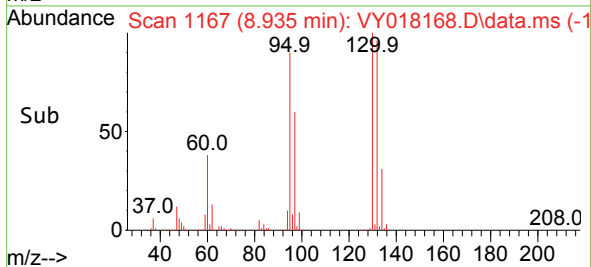
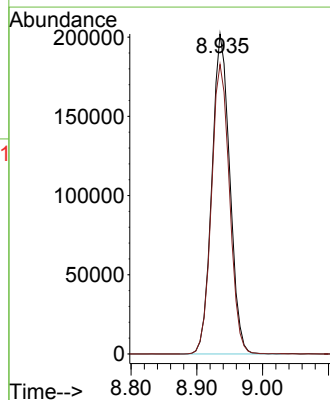
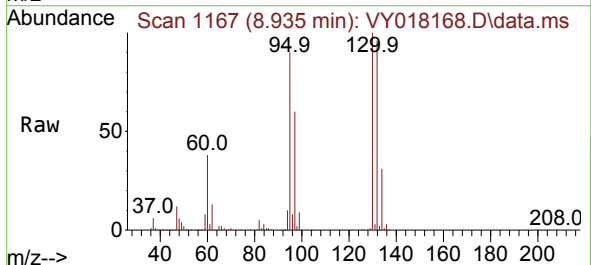
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

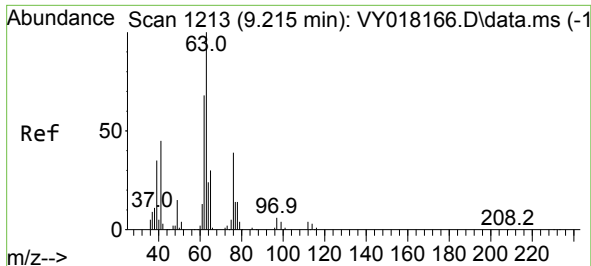
Tgt Ion: 43 Resp: 409174
Ion Ratio Lower Upper
43 100
61 30.3 27.9 41.9
87 15.5 13.1 19.7



#44
Trichloroethene
Concen: 146.375 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion:130 Resp: 383192
Ion Ratio Lower Upper
130 100
95 90.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 147.560 ug/l

RT: 9.216 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

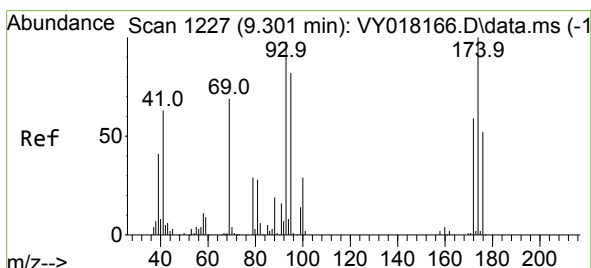
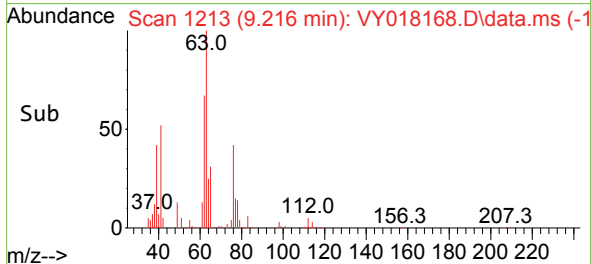
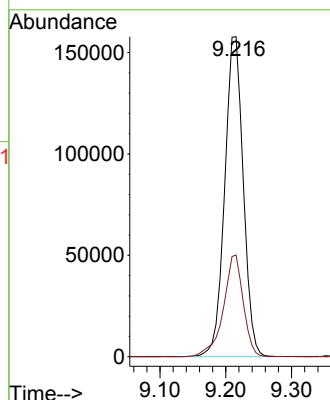
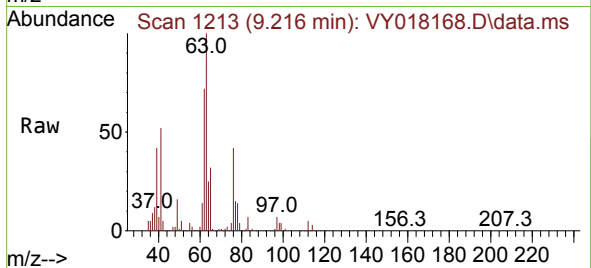
VSTDIC150

Tgt Ion: 63 Resp: 310234

Ion Ratio Lower Upper

63 100

65 31.7 25.4 38.2



#46

Dibromomethane

Concen: 153.478 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

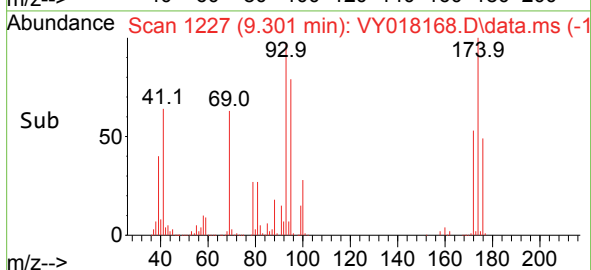
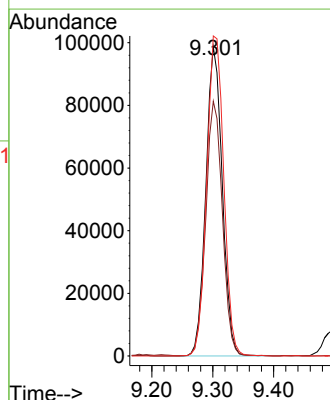
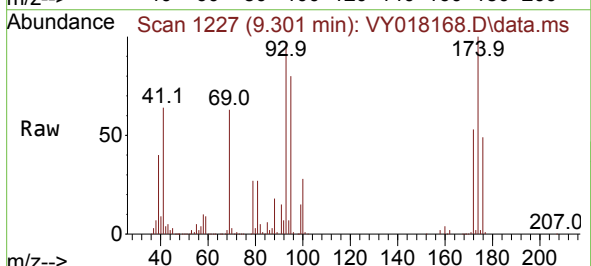
Tgt Ion: 93 Resp: 185500

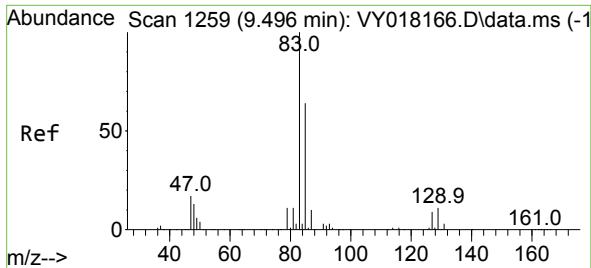
Ion Ratio Lower Upper

93 100

95 82.9 66.2 99.4

174 107.2 80.9 121.3

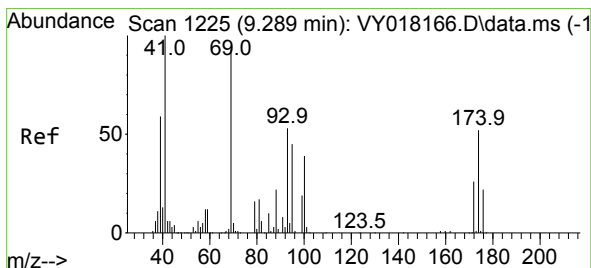
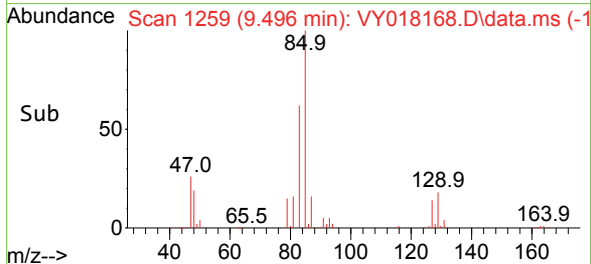
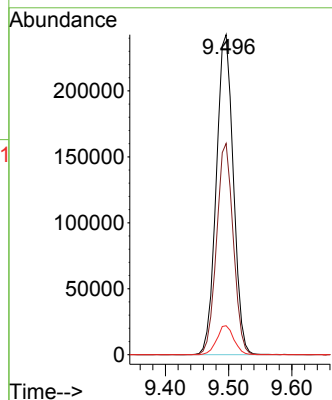
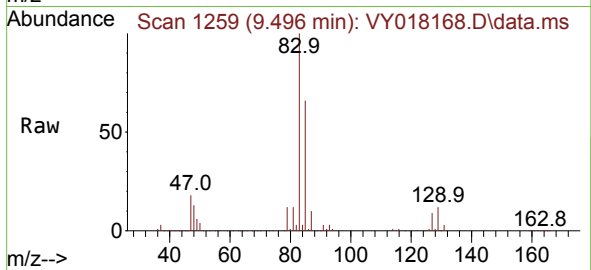




#47
Bromodichloromethane
Concen: 151.491 ug/l
RT: 9.496 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

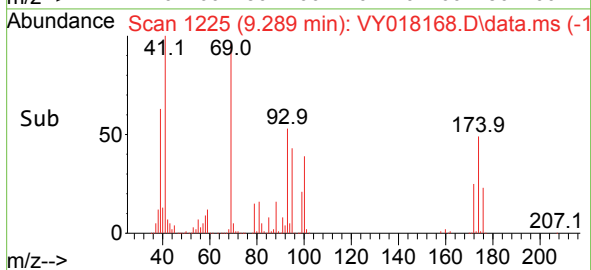
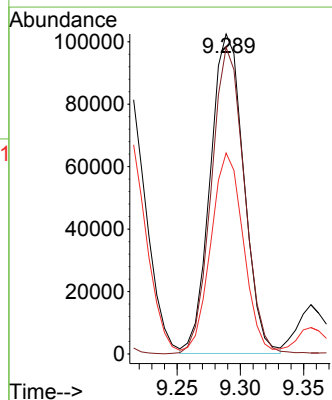
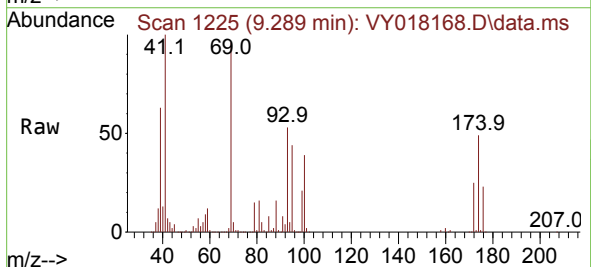
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

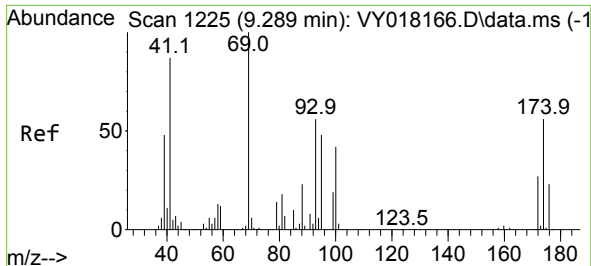
Tgt Ion: 83 Resp: 452654
Ion Ratio Lower Upper
83 100
85 66.0 50.1 75.1
127 9.0 7.4 11.0



#48
Methyl methacrylate
Concen: 160.020 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 41 Resp: 189159
Ion Ratio Lower Upper
41 100
69 94.3 84.1 126.1
39 58.8 43.6 65.4





#49

1,4-Dioxane

Concen: 2821.415 ug/l

RT: 9.295 min Scan# 1226

Delta R.T. 0.006 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

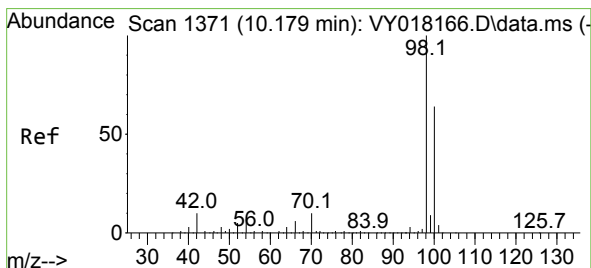
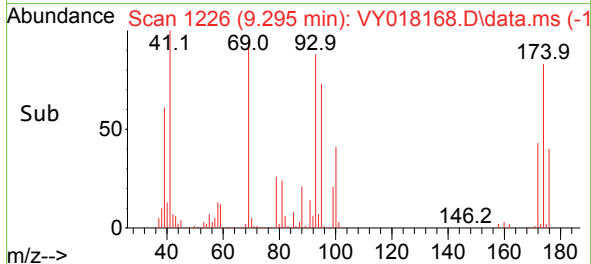
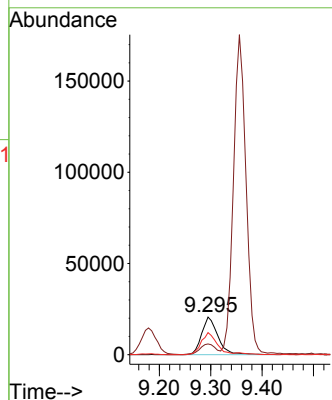
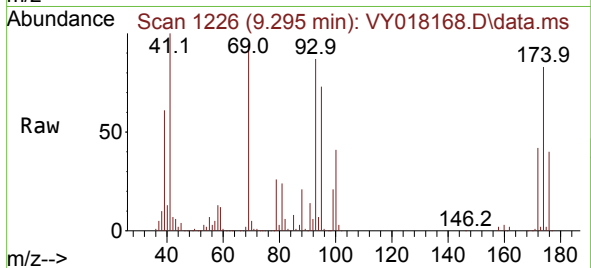
Tgt Ion: 88 Resp: 45265

Ion Ratio Lower Upper

88 100

43 26.8 0.0 0.0#

58 55.8 49.3 73.9



#50

Toluene-d8

Concen: 154.434 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018168.D

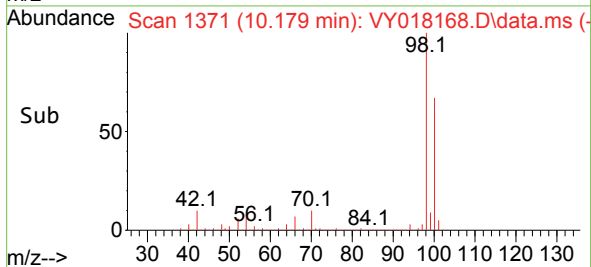
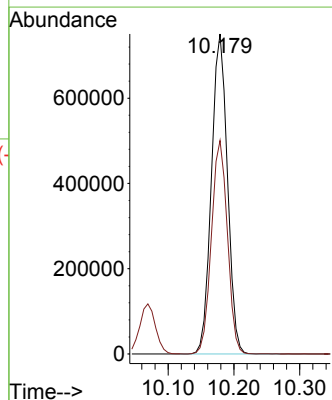
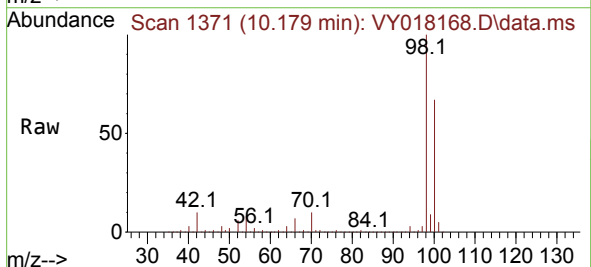
Acq: 07 May 2024 11:25

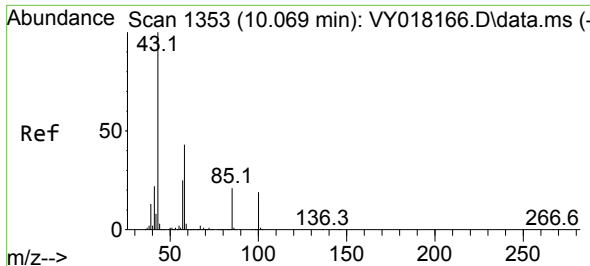
Tgt Ion: 98 Resp: 1269148

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 801.223 ug/l

RT: 10.069 min Scan# 1353

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

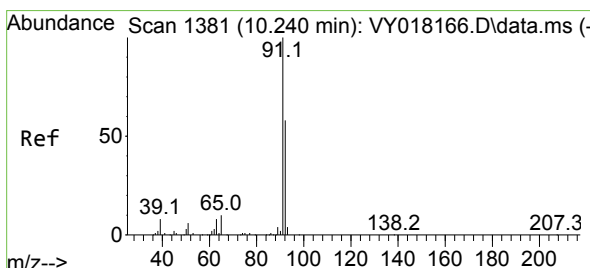
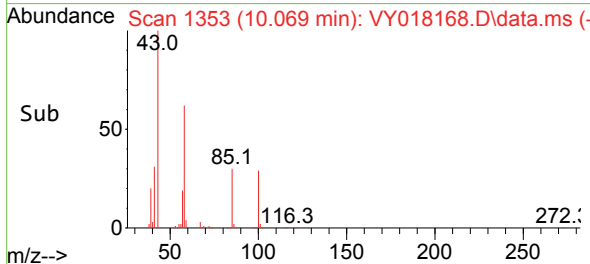
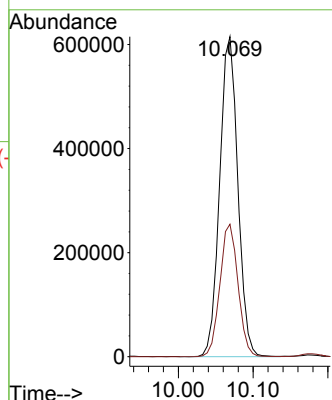
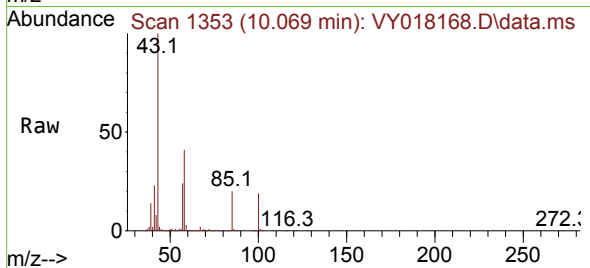
VSTDIC150

Tgt Ion: 43 Resp: 1038657

Ion Ratio Lower Upper

43 100

58 41.4 35.7 53.5



#52

Toluene

Concen: 146.932 ug/l

RT: 10.240 min Scan# 1381

Delta R.T. 0.000 min

Lab File: VY018168.D

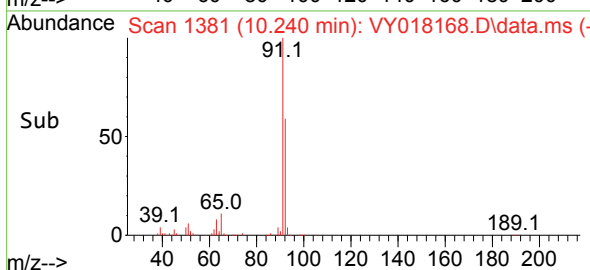
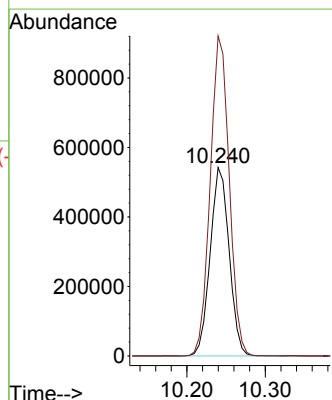
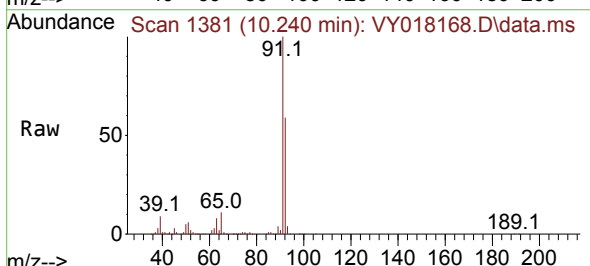
Acq: 07 May 2024 11:25

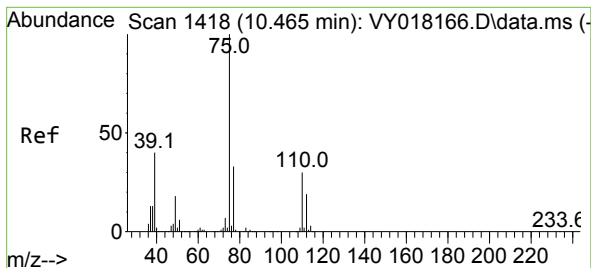
Tgt Ion: 92 Resp: 909652

Ion Ratio Lower Upper

92 100

91 170.5 139.0 208.6

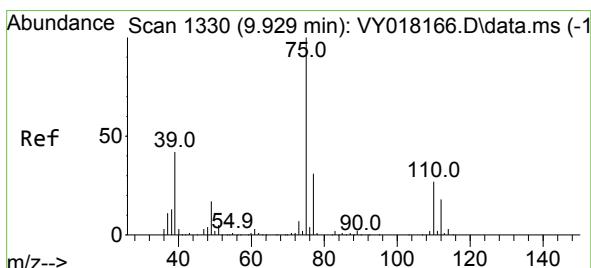
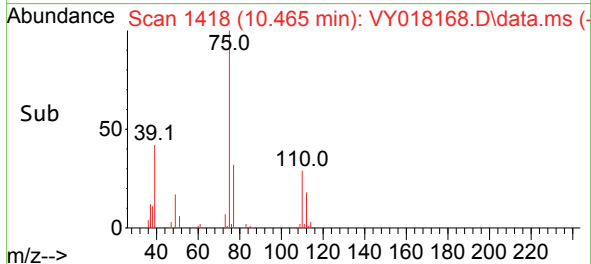
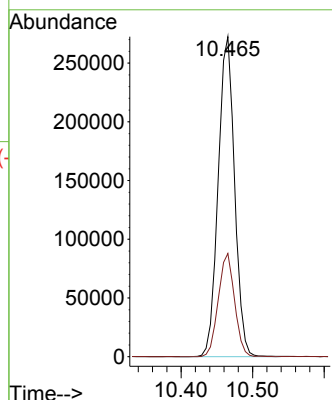
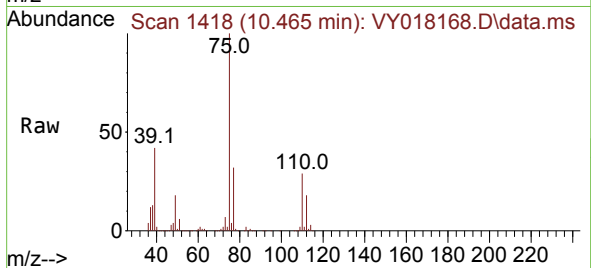




#53
t-1,3-Dichloropropene
Concen: 155.582 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

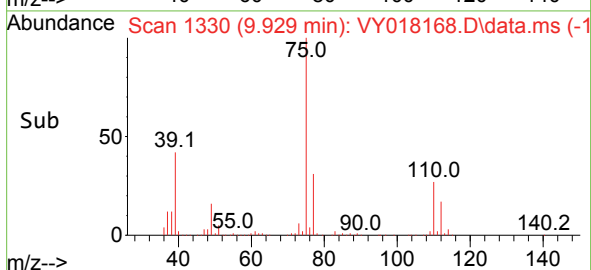
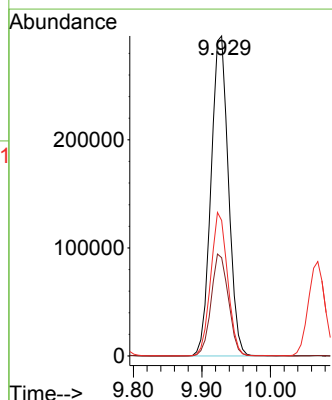
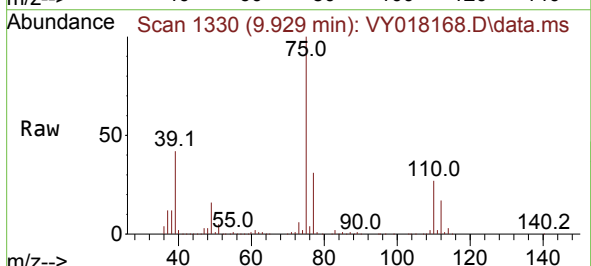
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

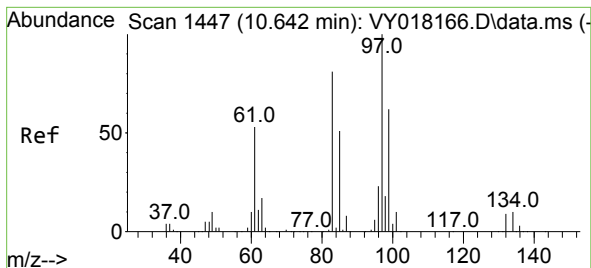
Tgt Ion: 75 Resp: 434224
Ion Ratio Lower Upper
75 100
77 32.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 152.743 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 75 Resp: 521103
Ion Ratio Lower Upper
75 100
77 30.7 25.4 38.0
39 42.3 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 150.288 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

Tgt Ion: 97 Resp: 249533

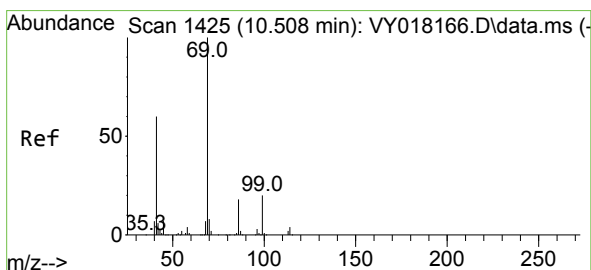
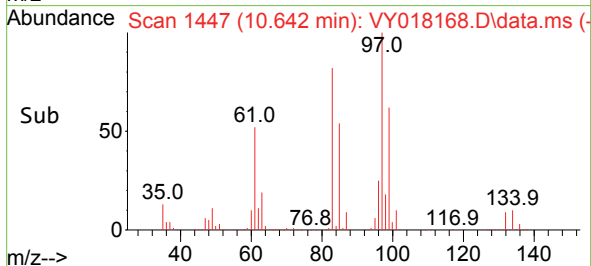
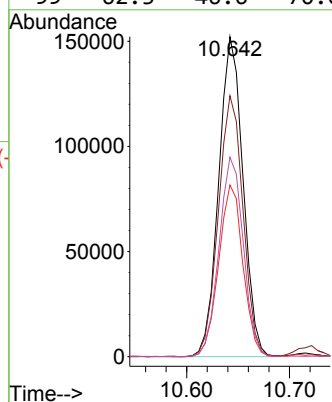
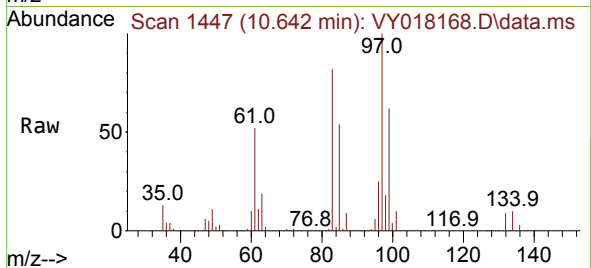
Ion Ratio Lower Upper

97 100

83 81.5 67.5 101.3

85 53.7 42.9 64.3

99 62.3 46.6 70.0



#56

Ethyl methacrylate

Concen: 156.311 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

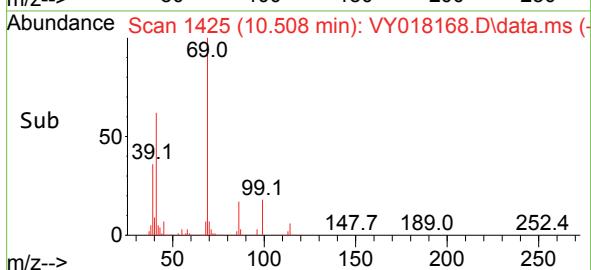
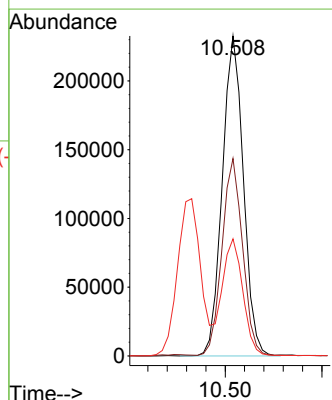
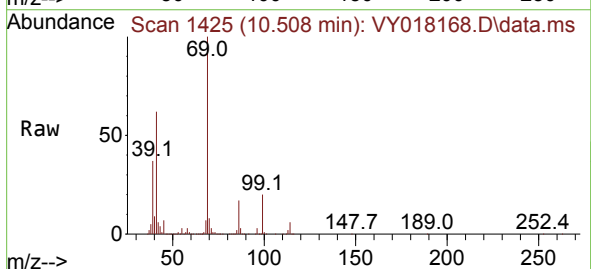
Tgt Ion: 69 Resp: 352477

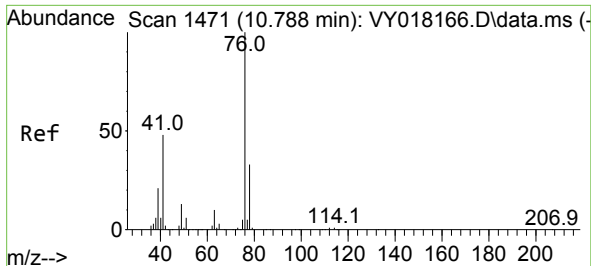
Ion Ratio Lower Upper

69 100

41 60.2 42.3 63.5

39 36.5 22.9 34.3#





#57

1,3-Dichloropropane

Concen: 149.841 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

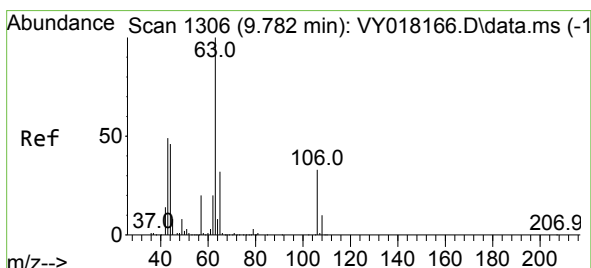
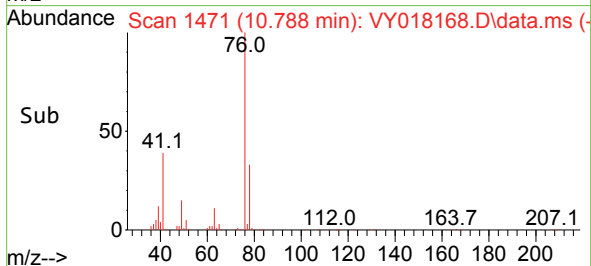
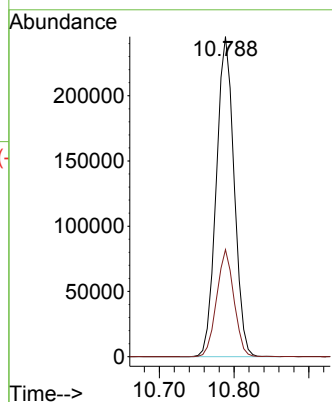
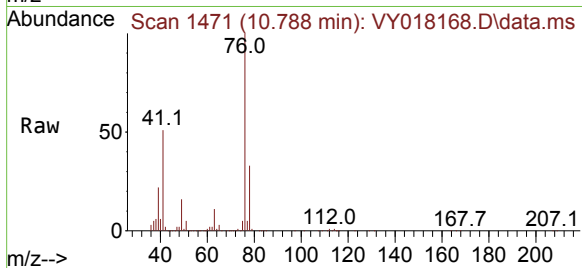
VSTDIC150

Tgt Ion: 76 Resp: 404908

Ion Ratio Lower Upper

76 100

78 32.5 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 792.405 ug/l

RT: 9.783 min Scan# 1306

Delta R.T. 0.000 min

Lab File: VY018168.D

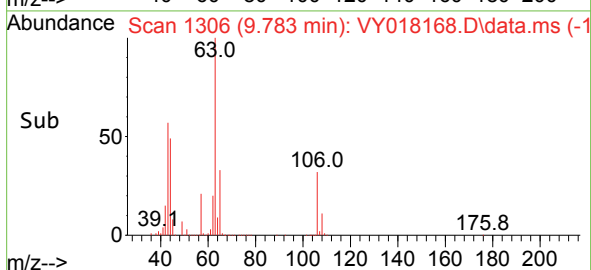
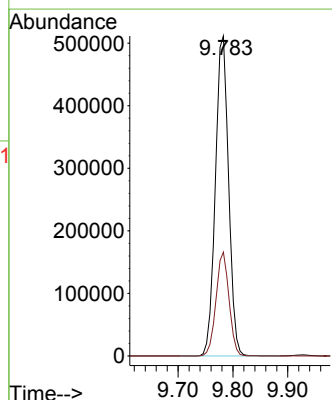
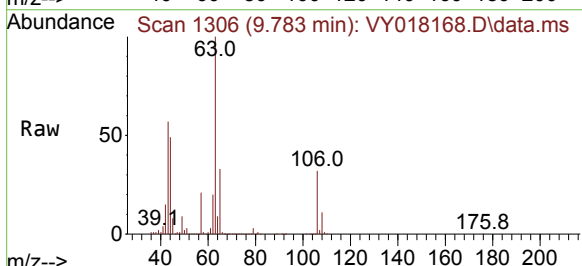
Acq: 07 May 2024 11:25

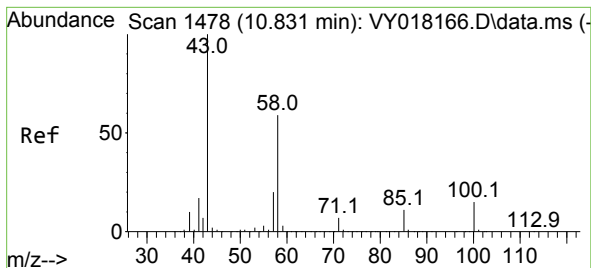
Tgt Ion: 63 Resp: 853234

Ion Ratio Lower Upper

63 100

106 32.0 23.7 35.5

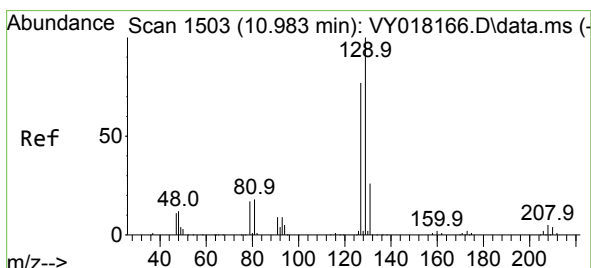
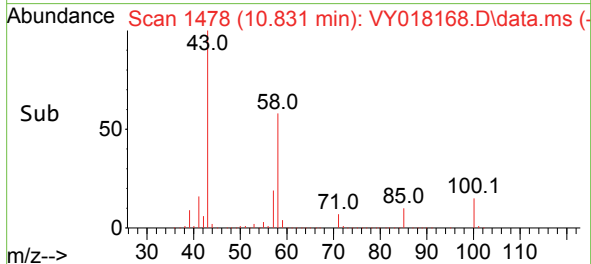
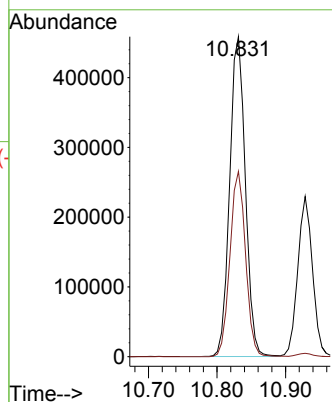
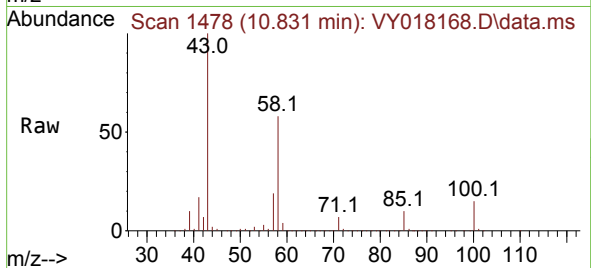




#59
2-Hexanone
Concen: 801.705 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

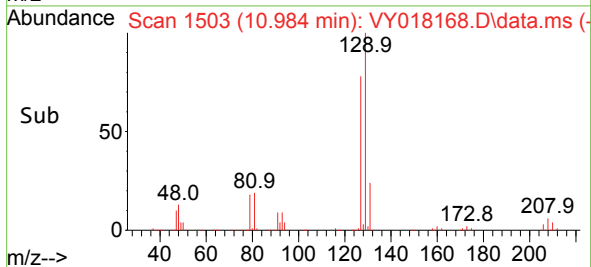
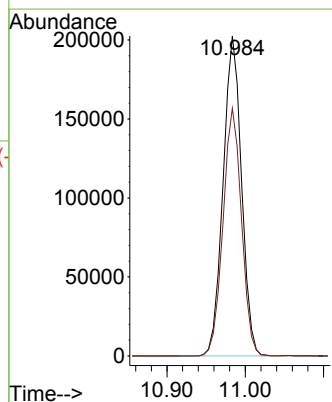
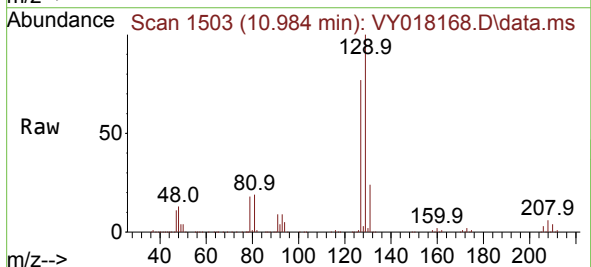
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

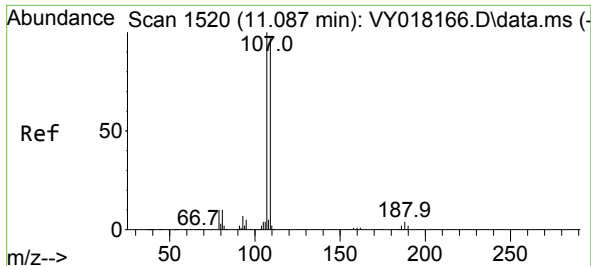
Tgt Ion: 43 Resp: 726673
Ion Ratio Lower Upper
43 100
58 57.7 31.4 94.0



#60
Dibromochloromethane
Concen: 153.442 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 129 Resp: 330541
Ion Ratio Lower Upper
129 100
127 77.8 39.0 117.0

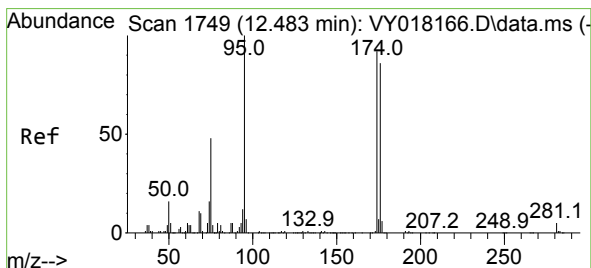
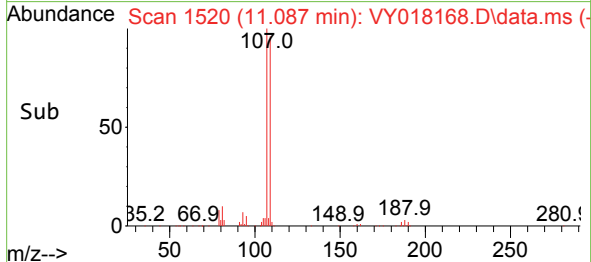
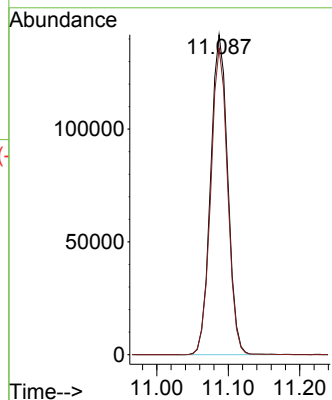
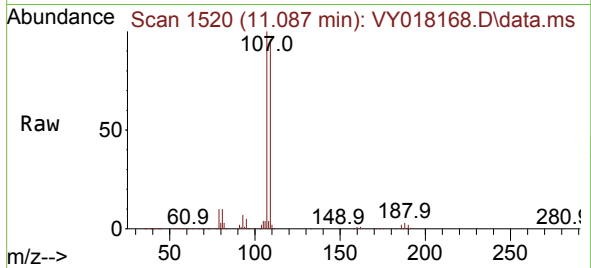




#61
1,2-Dibromoethane
Concen: 151.099 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

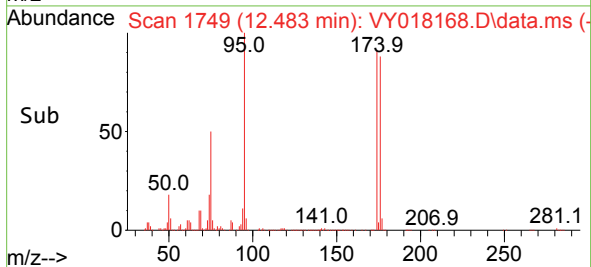
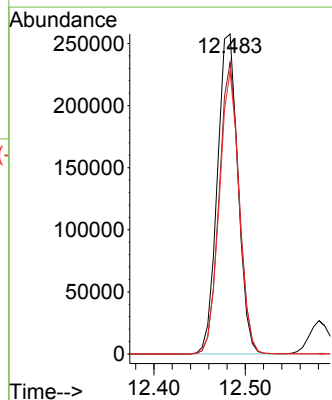
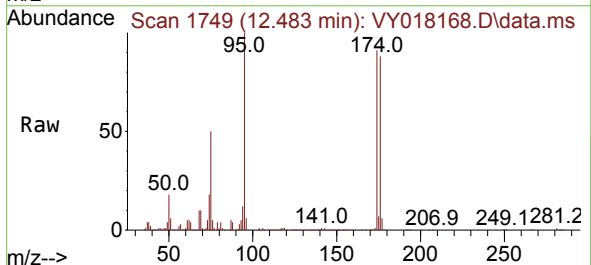
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

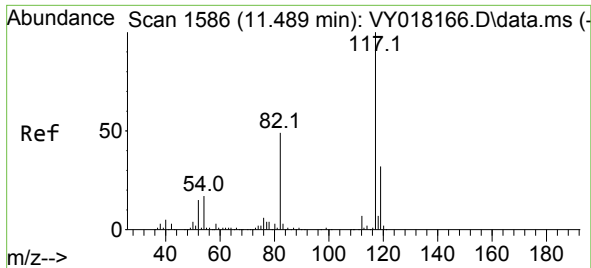
Tgt Ion:107 Resp: 236301
Ion Ratio Lower Upper
107 100
109 94.1 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 151.919 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 95 Resp: 403186
Ion Ratio Lower Upper
95 100
174 88.2 0.0 175.6
176 85.2 0.0 171.4

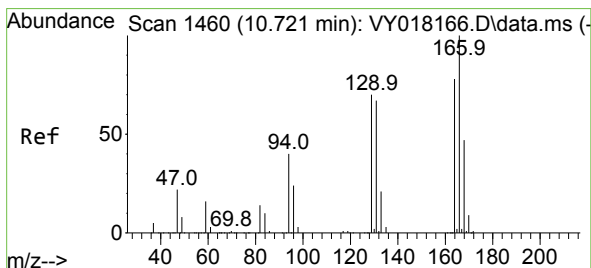
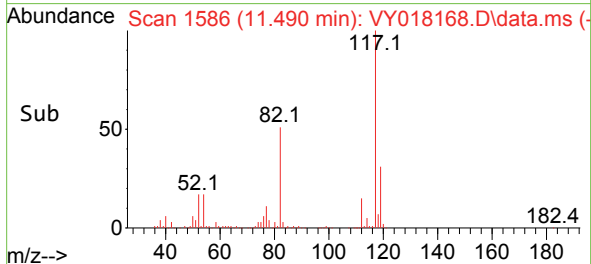
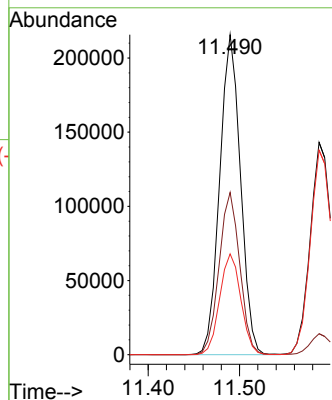
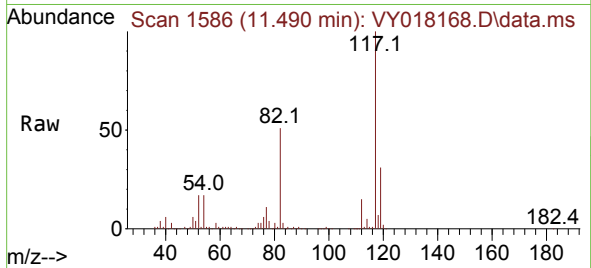




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

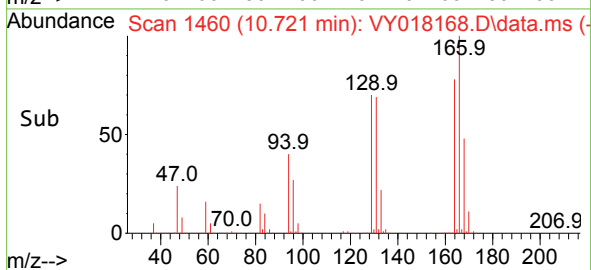
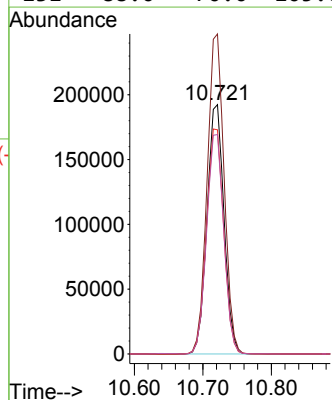
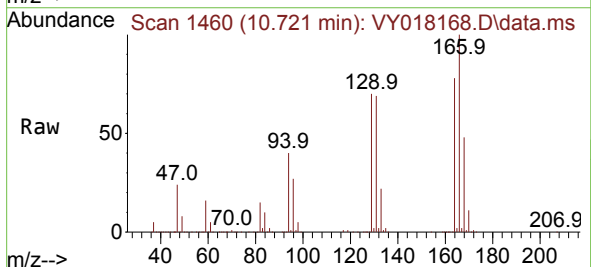
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

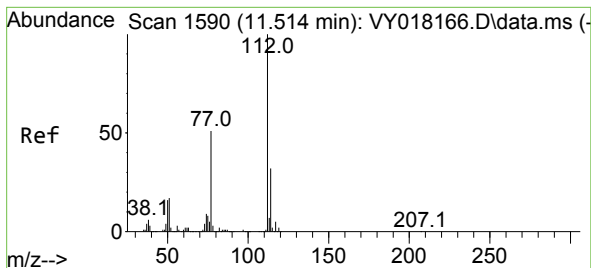
Tgt Ion:117 Resp: 341416
Ion Ratio Lower Upper
117 100
82 50.7 42.4 63.6
119 31.5 25.9 38.9



#64
Tetrachloroethene
Concen: 145.844 ug/l
RT: 10.721 min Scan# 1460
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion:164 Resp: 331528
Ion Ratio Lower Upper
164 100
166 128.4 102.6 154.0
129 90.0 72.0 108.0
131 88.0 70.0 105.0





#65

Chlorobenzene

Concen: 146.181 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

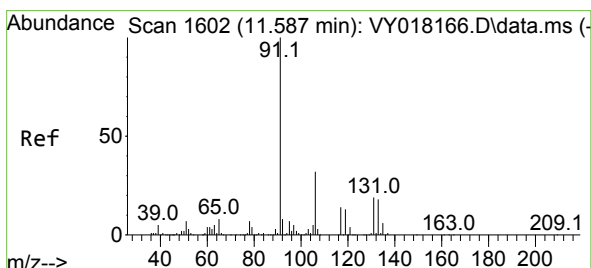
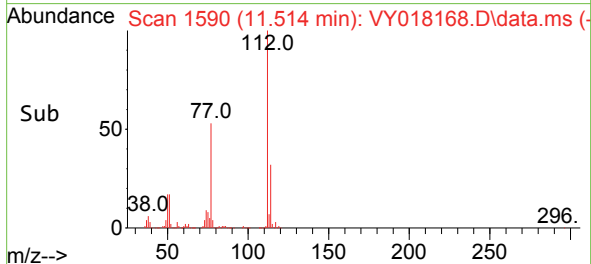
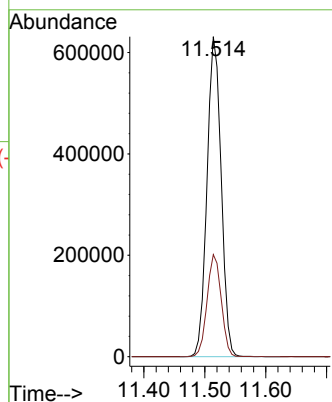
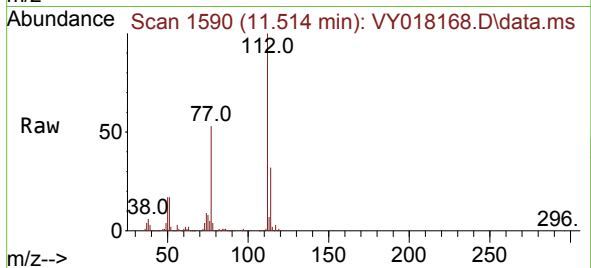
VSTDIC150

Tgt Ion:112 Resp: 1016475

Ion Ratio Lower Upper

112 100

114 31.9 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 149.151 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

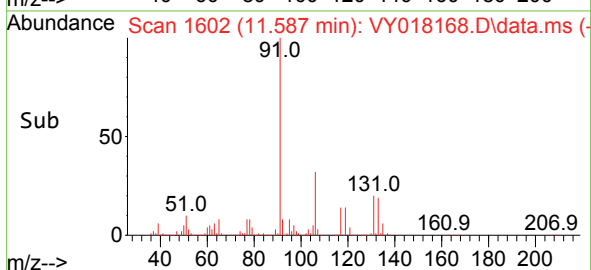
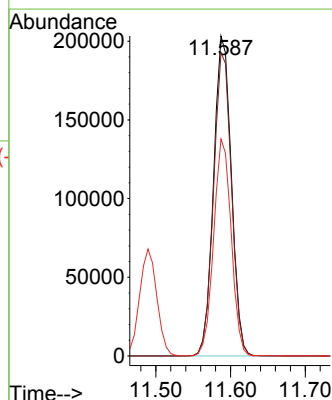
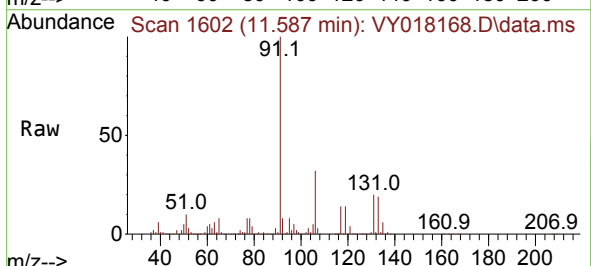
Tgt Ion:131 Resp: 335475

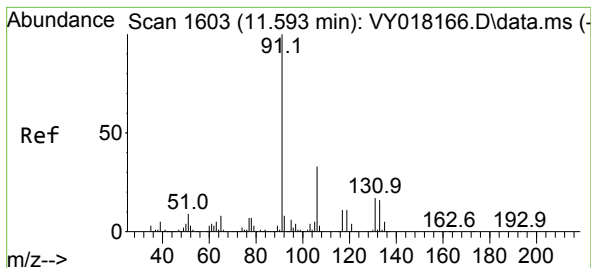
Ion Ratio Lower Upper

131 100

133 95.4 47.8 143.3

119 67.0 34.1 102.2





#67

Ethyl Benzene

Concen: 145.496 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

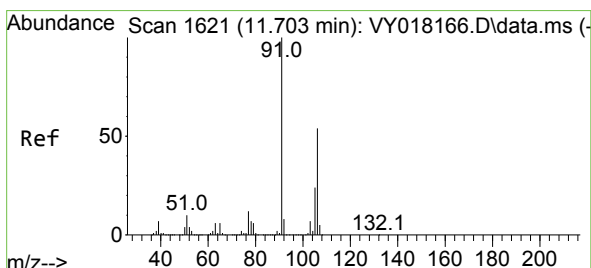
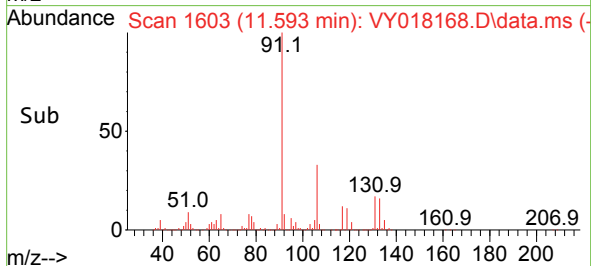
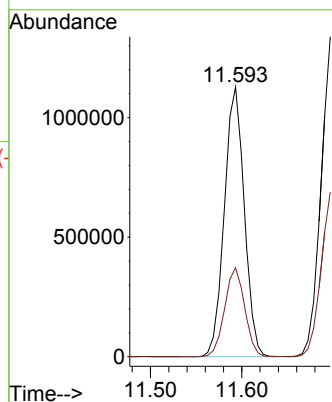
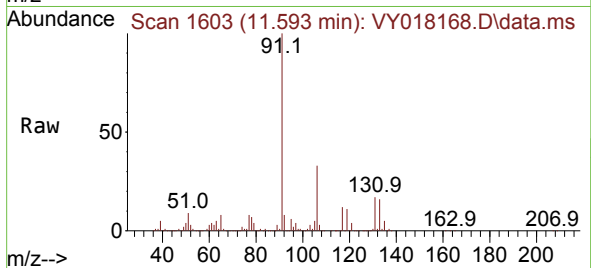
VSTDIC150

Tgt Ion: 91 Resp: 1708212

Ion Ratio Lower Upper

91 100

106 33.0 24.5 36.7



#68

m/p-Xylenes

Concen: 293.685 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018168.D

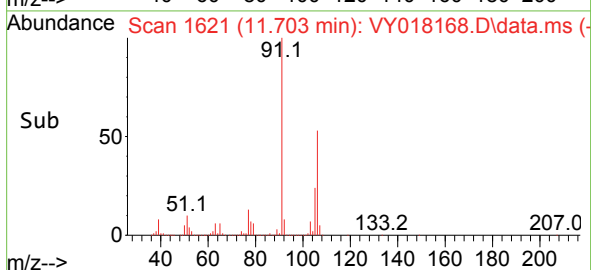
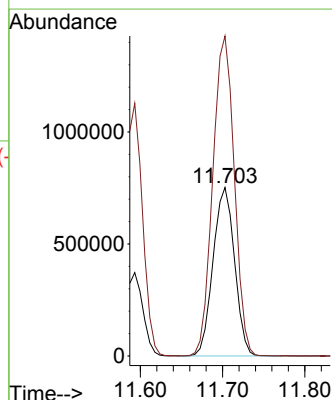
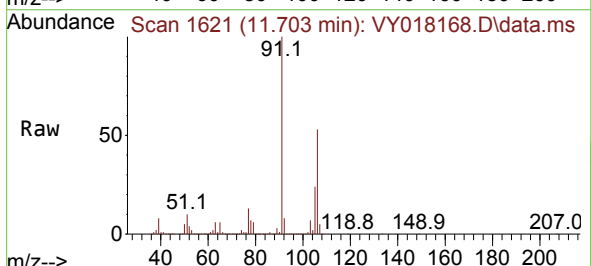
Acq: 07 May 2024 11:25

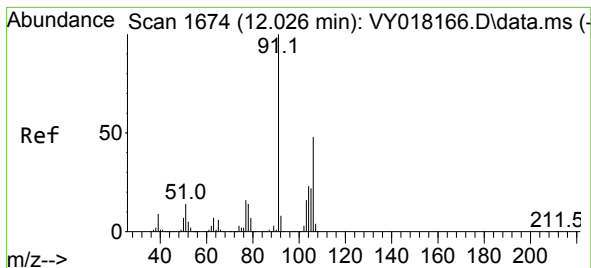
Tgt Ion:106 Resp: 1363536

Ion Ratio Lower Upper

106 100

91 190.5 156.0 234.0





#69

o-Xylene

Concen: 145.827 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

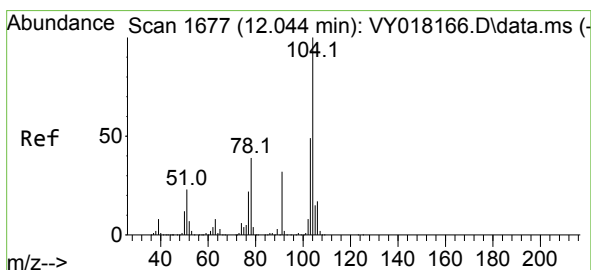
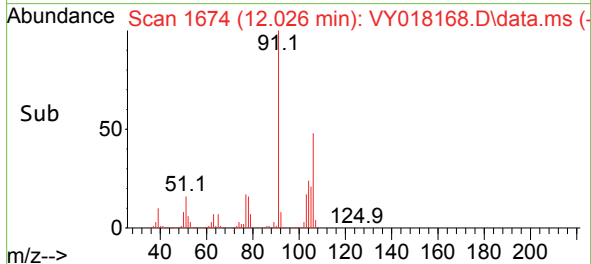
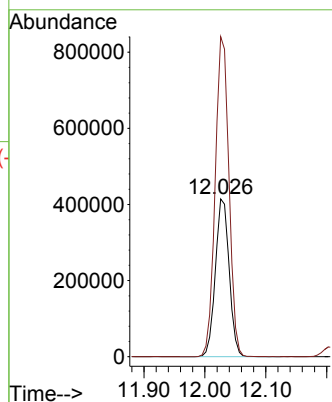
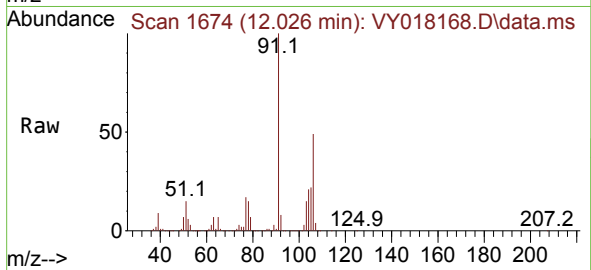
VSTDIC150

Tgt Ion:106 Resp: 649745

Ion Ratio Lower Upper

106 100

91 202.5 103.6 310.8



#70

Styrene

Concen: 148.105 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

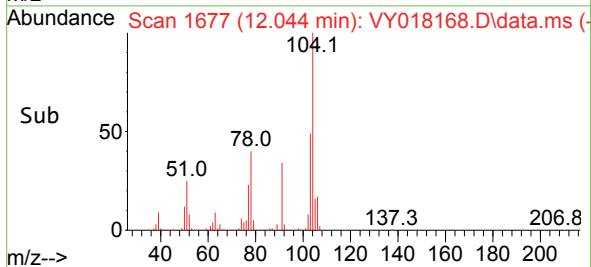
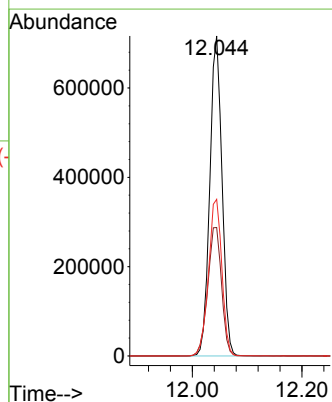
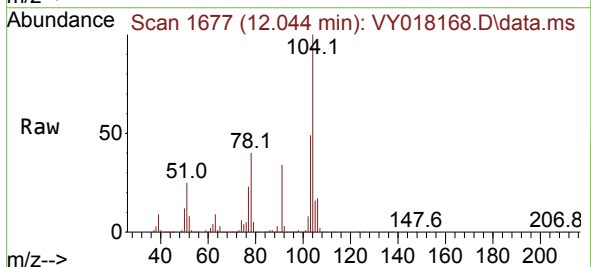
Tgt Ion:104 Resp: 1102017

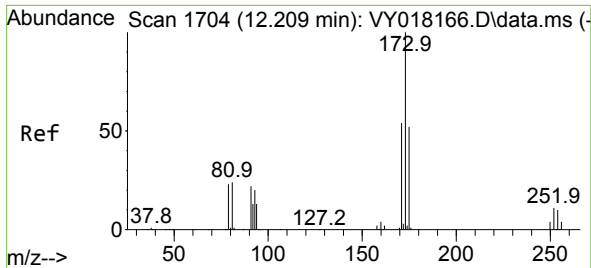
Ion Ratio Lower Upper

104 100

78 45.6 37.0 55.4

103 53.9 44.2 66.2

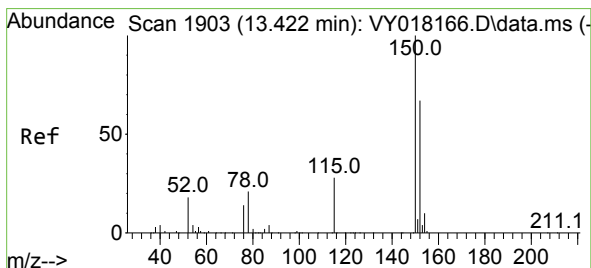
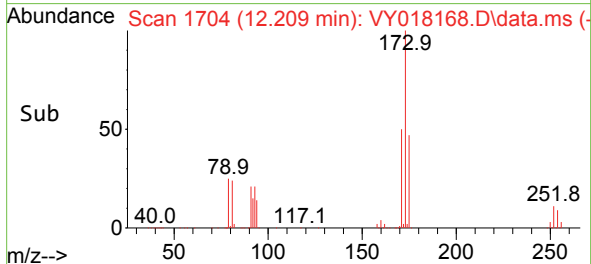
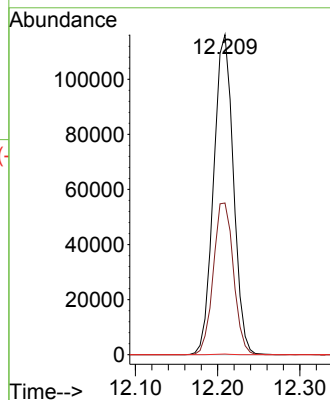
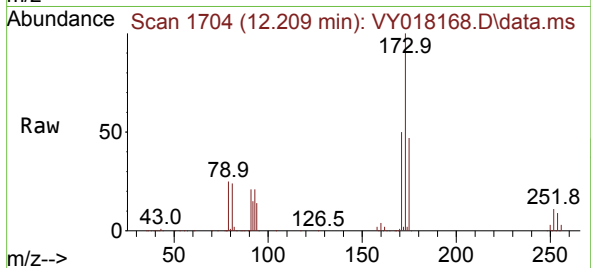




#71
Bromoform
Concen: 155.970 ug/l
RT: 12.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

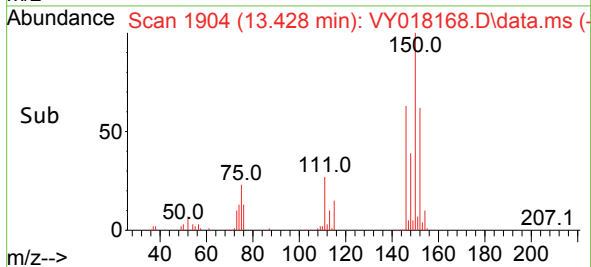
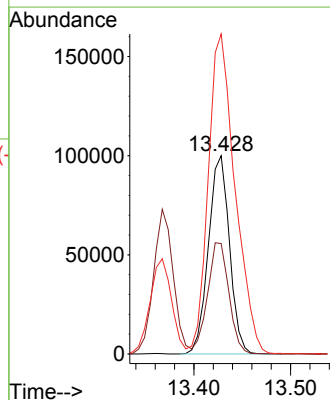
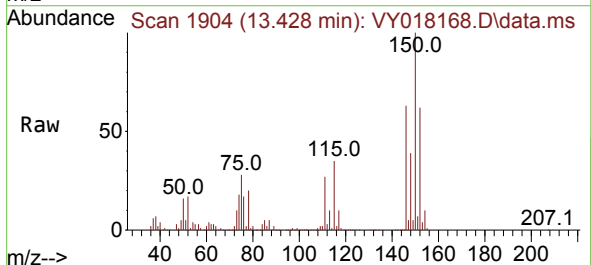
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

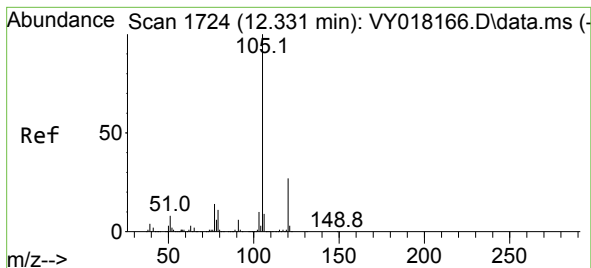
Tgt Ion:173 Resp: 194104
Ion Ratio Lower Upper
173 100
175 48.4 25.1 75.3
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion:152 Resp: 151366
Ion Ratio Lower Upper
152 100
115 56.9 28.2 84.7
150 205.5 0.0 345.6





#73

Isopropylbenzene

Concen: 143.726 ug/l

RT: 12.331 min Scan# 1724

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

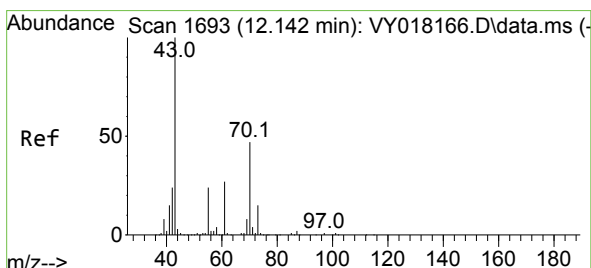
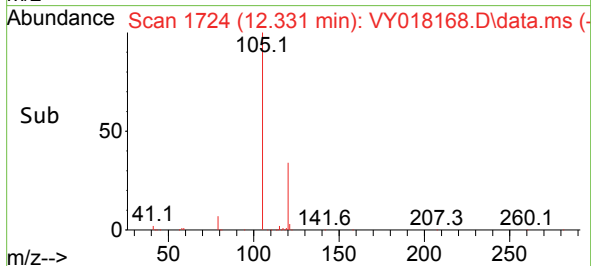
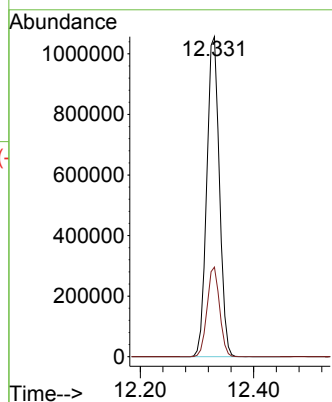
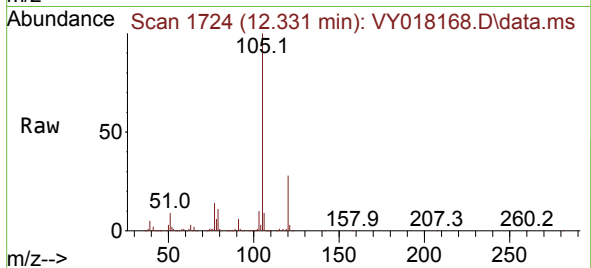
VSTDIC150

Tgt Ion:105 Resp: 1631119

Ion Ratio Lower Upper

105 100

120 27.7 13.4 40.1



#74

N-ethyl acetate

Concen: 160.715 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Tgt Ion: 43 Resp: 378624

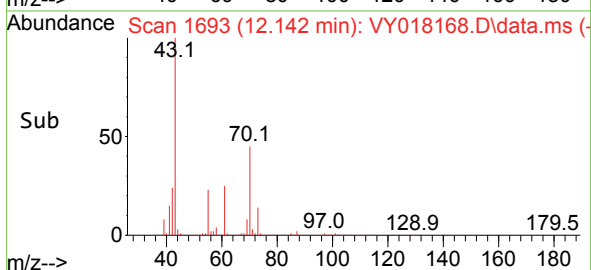
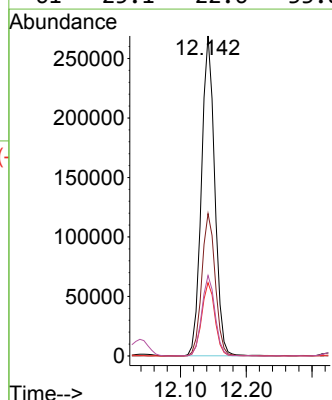
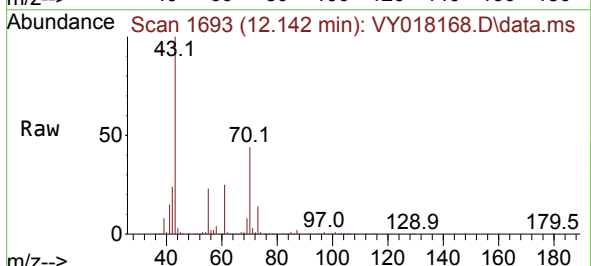
Ion Ratio Lower Upper

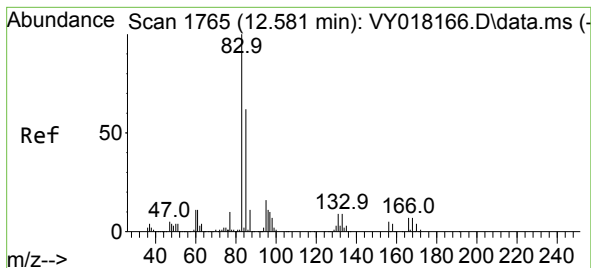
43 100

70 45.1 41.4 62.2

55 22.8 23.3 34.9#

61 25.1 22.6 33.8

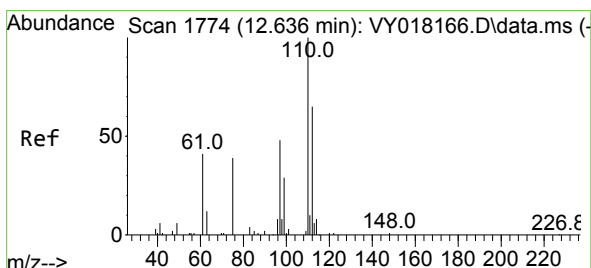
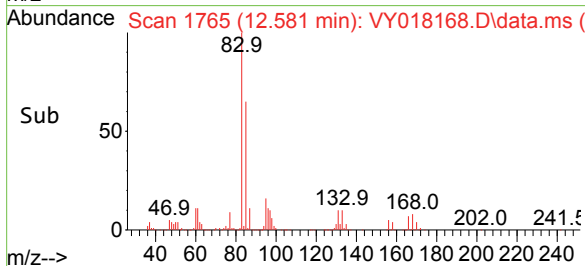
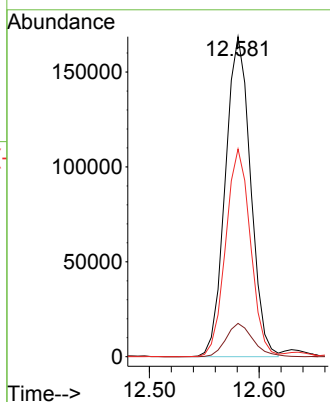
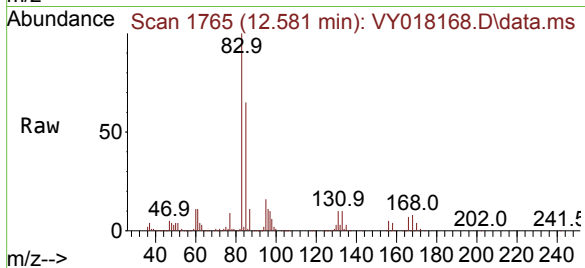




#75
1,1,2,2-Tetrachloroethane
Concen: 149.078 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

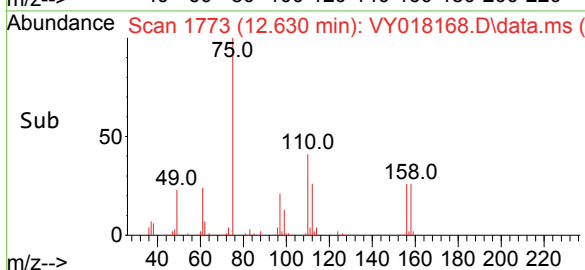
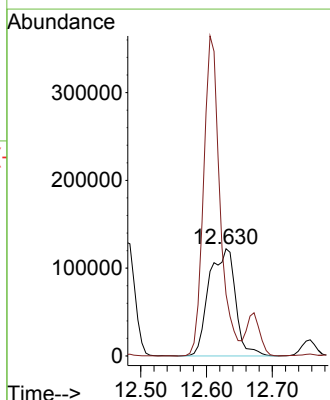
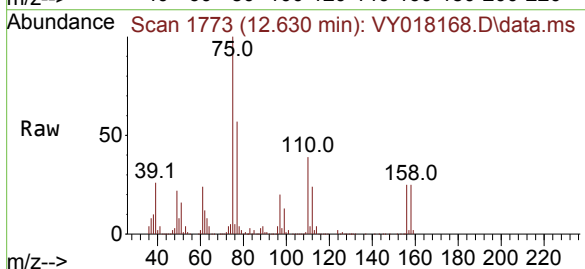
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

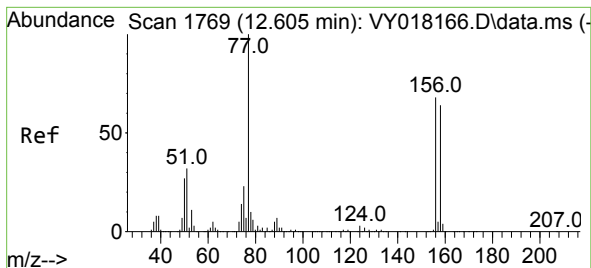
Tgt Ion: 83 Resp: 269888
Ion Ratio Lower Upper
83 100
131 11.1 5.0 14.9
85 63.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 282.274 ug/l
RT: 12.630 min Scan# 1773
Delta R.T. -0.006 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 75 Resp: 341999
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 148.157 ug/l

RT: 12.611 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

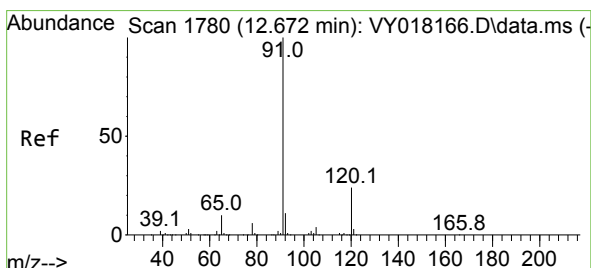
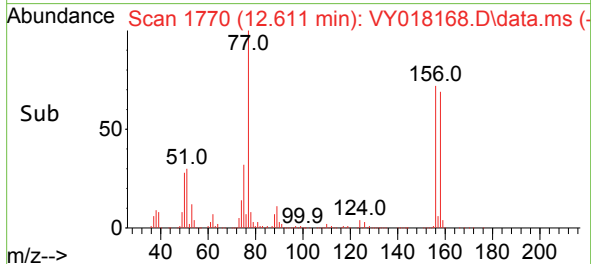
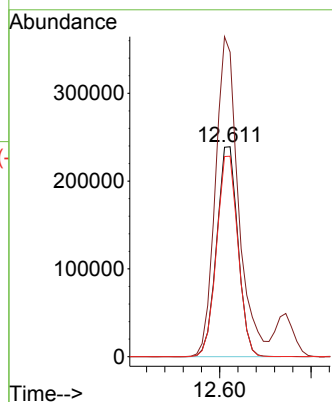
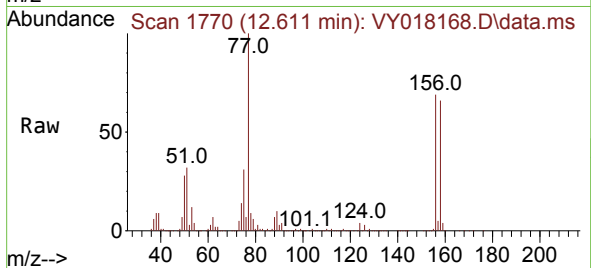
Tgt Ion:156 Resp: 386270

Ion Ratio Lower Upper

156 100

77 165.4 87.1 261.3

158 96.6 48.6 145.9



#78

n-propylbenzene

Concen: 141.808 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018168.D

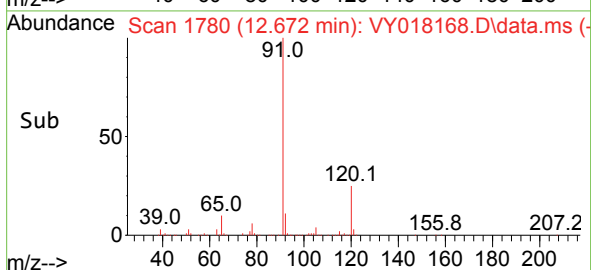
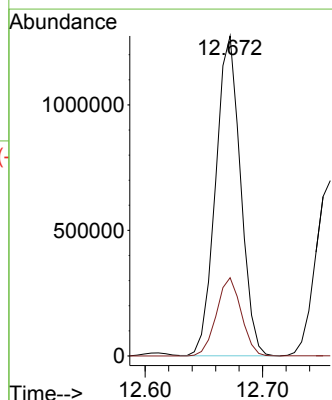
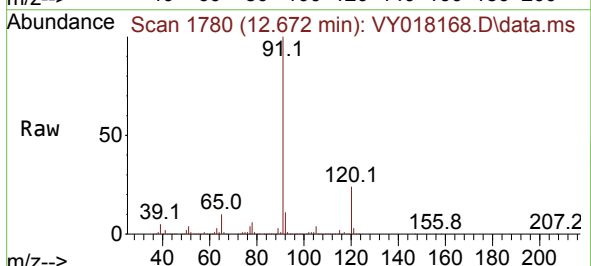
Acq: 07 May 2024 11:25

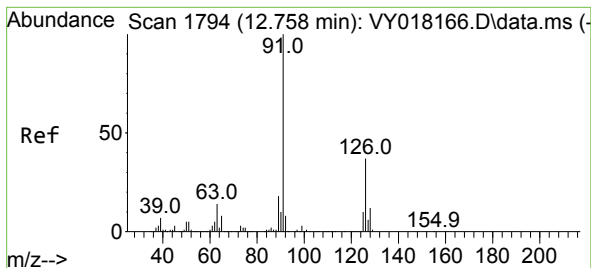
Tgt Ion: 91 Resp: 1871902

Ion Ratio Lower Upper

91 100

120 24.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 144.429 ug/l

RT: 12.758 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

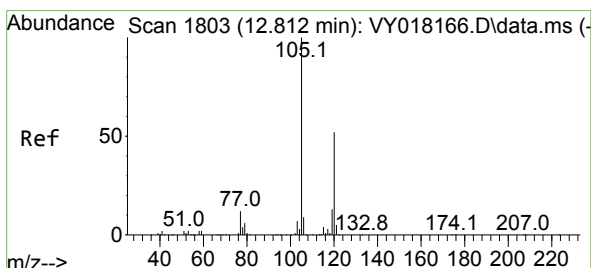
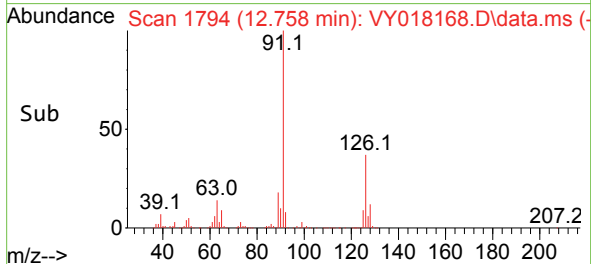
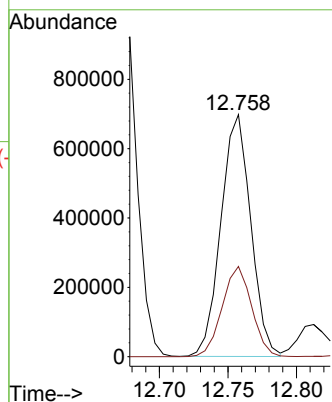
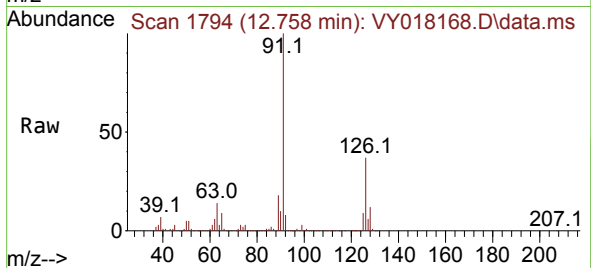
VSTDIC150

Tgt Ion: 91 Resp: 1059433

Ion Ratio Lower Upper

91 100

126 36.8 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 142.862 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.000 min

Lab File: VY018168.D

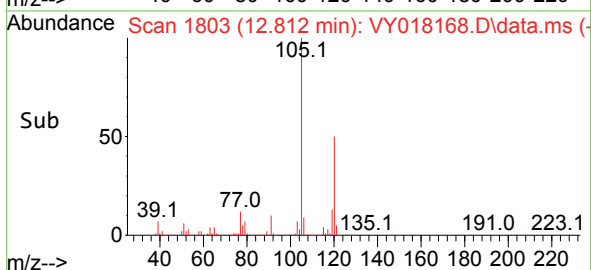
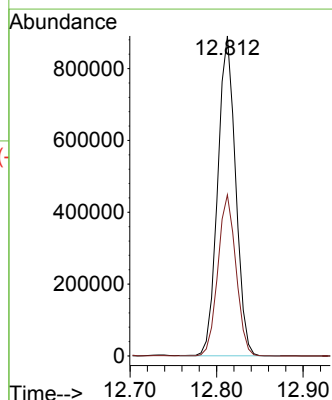
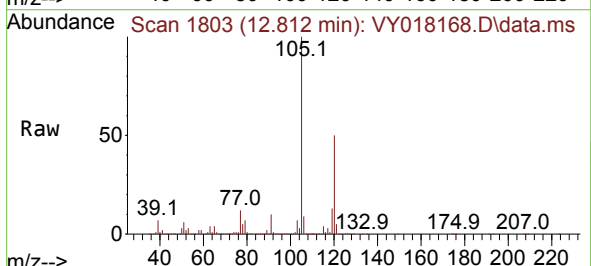
Acq: 07 May 2024 11:25

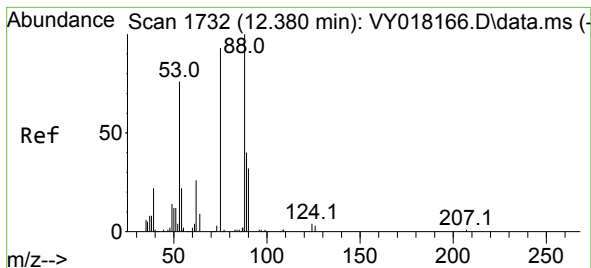
Tgt Ion:105 Resp: 1278453

Ion Ratio Lower Upper

105 100

120 50.8 25.1 75.2

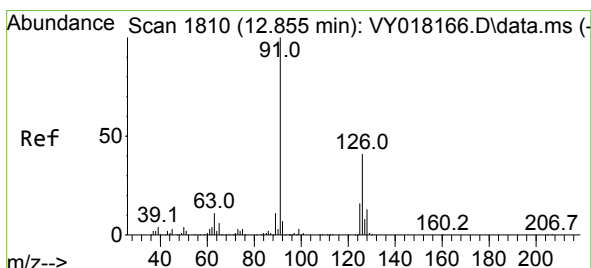
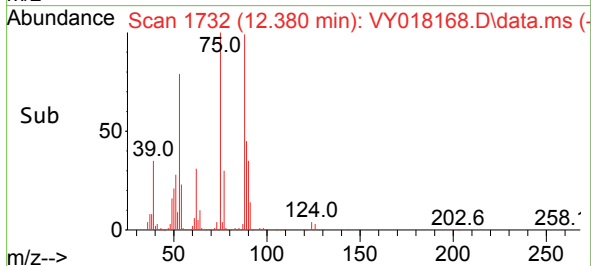
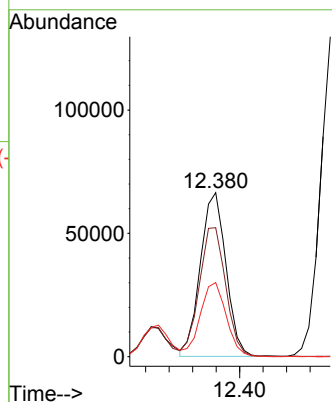
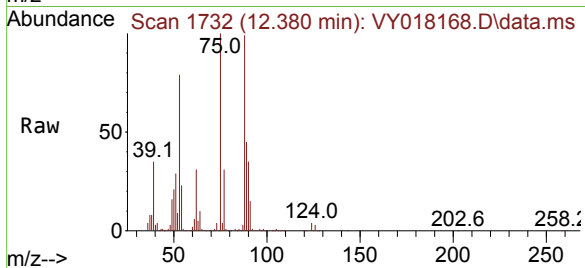




#81
trans-1,4-Dichloro-2-butene
Concen: 159.793 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

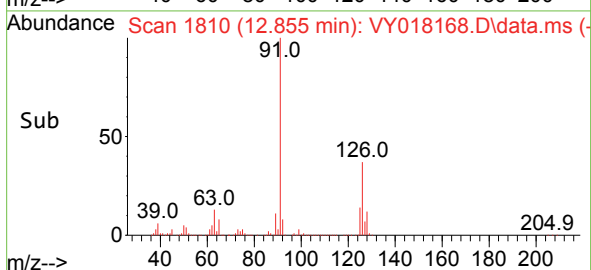
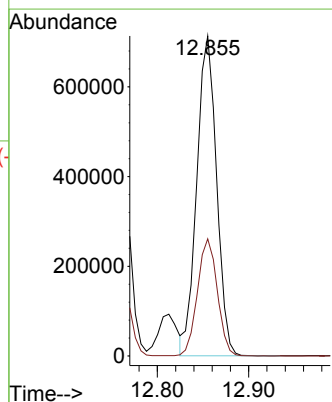
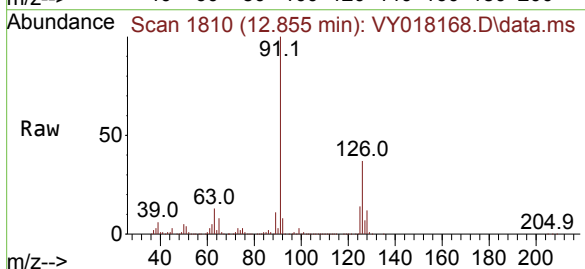
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

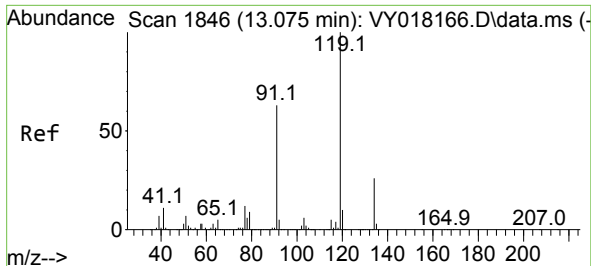
Tgt Ion: 75 Resp: 100486
Ion Ratio Lower Upper
75 100
53 81.4 66.8 100.2
89 46.2 35.8 53.6



#82
4-Chlorotoluene
Concen: 145.793 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion: 91 Resp: 1074229
Ion Ratio Lower Upper
91 100
126 36.8 17.6 52.9

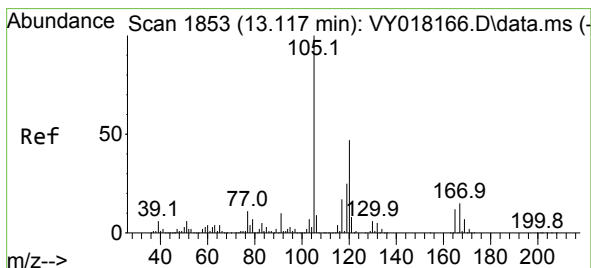
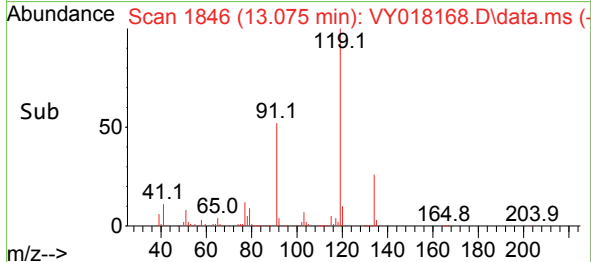
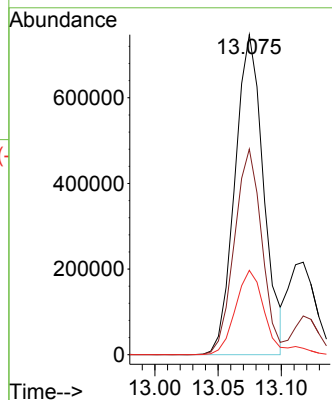
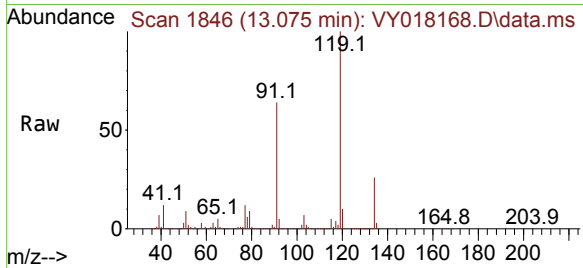




#83
tert-Butylbenzene
Concen: 142.934 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

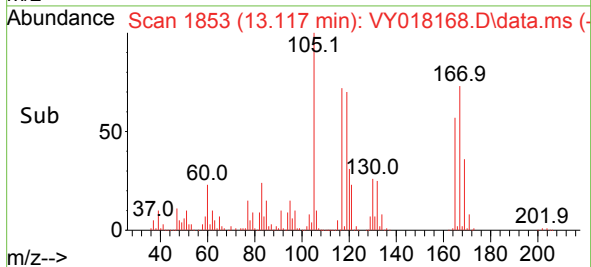
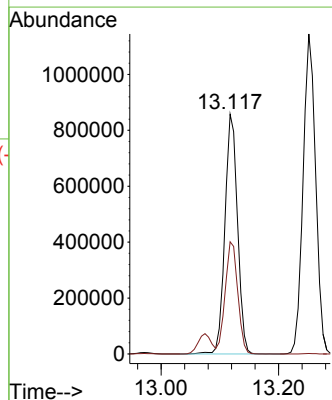
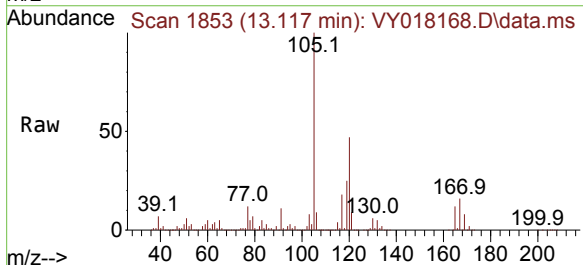
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

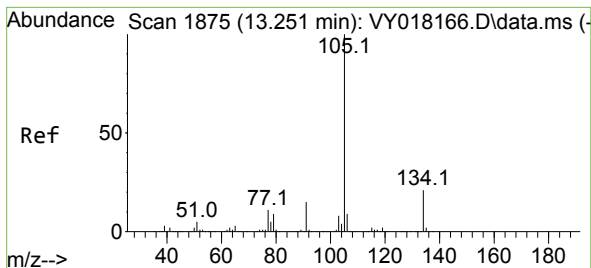
Tgt Ion:119 Resp: 1179821
Ion Ratio Lower Upper
119 100
91 61.6 31.3 93.8
134 27.8 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 145.751 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion:105 Resp: 1277663
Ion Ratio Lower Upper
105 100
120 46.7 23.2 69.6

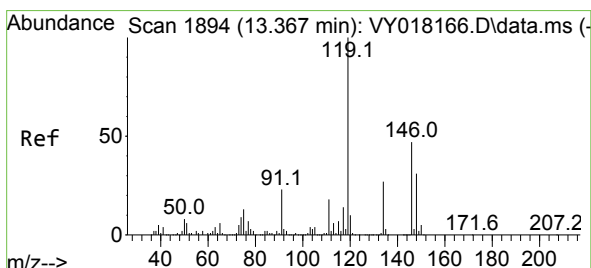
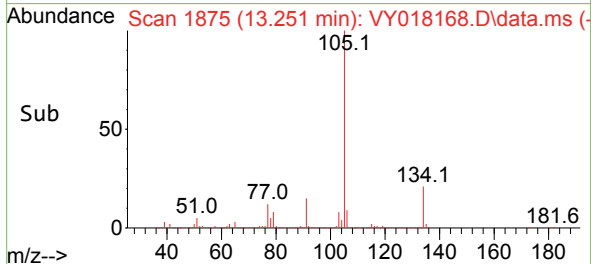
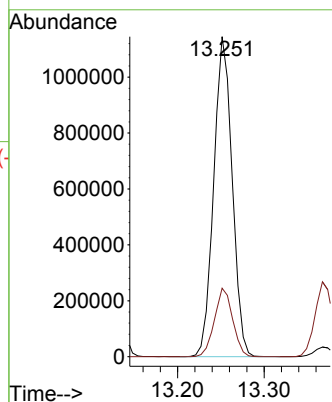
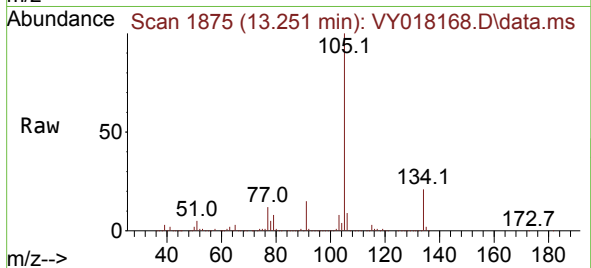




#85
sec-Butylbenzene
Concen: 139.779 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

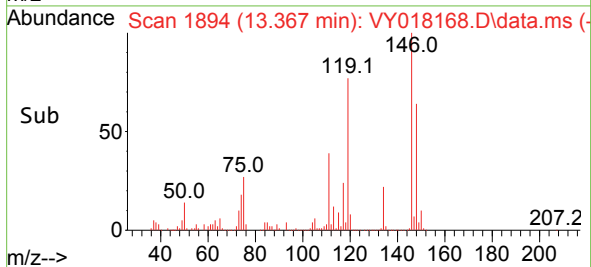
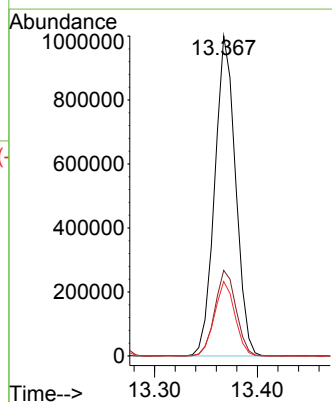
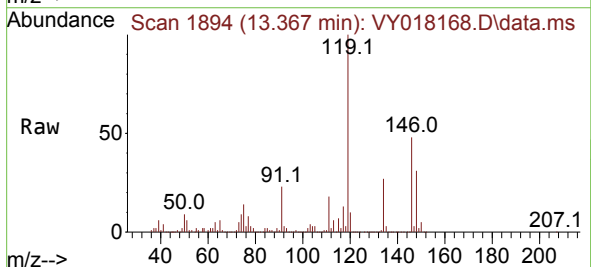
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

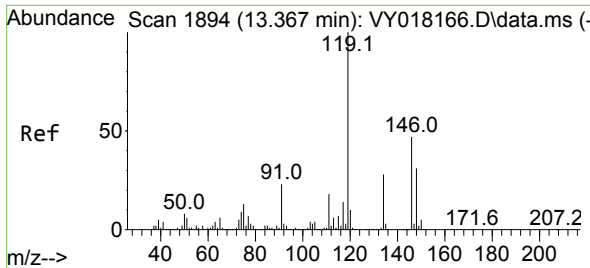
Tgt Ion:105 Resp: 1692399
Ion Ratio Lower Upper
105 100
134 21.1 10.1 30.1



#86
p-Isopropyltoluene
Concen: 141.331 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion:119 Resp: 1407717
Ion Ratio Lower Upper
119 100
134 27.1 13.1 39.3
91 22.8 10.7 32.1

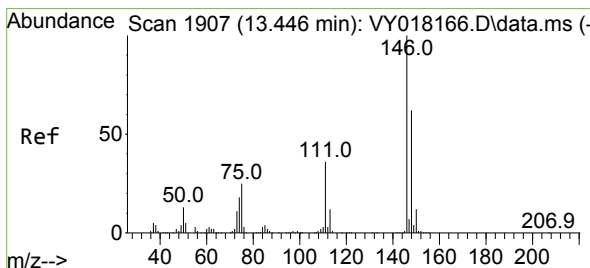
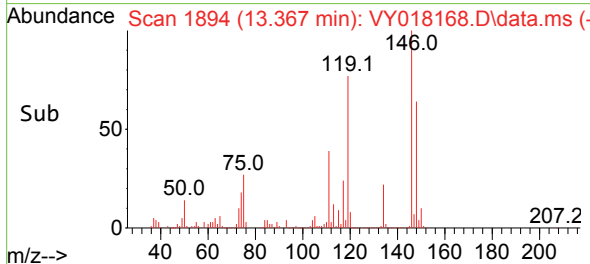
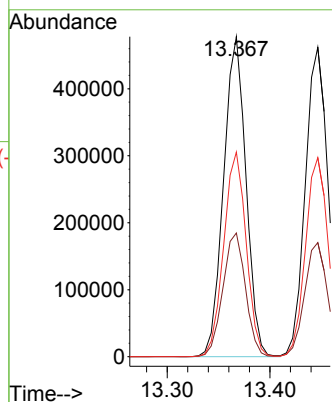
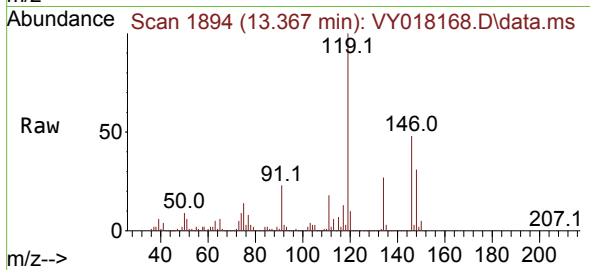




#87
1,3-Dichlorobenzene
Concen: 143.735 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

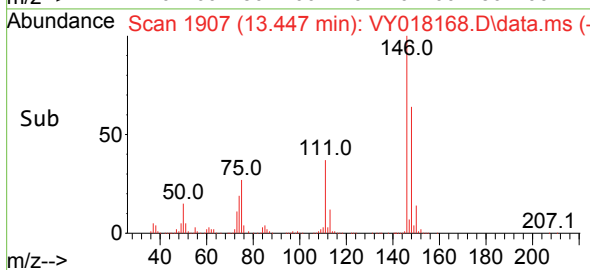
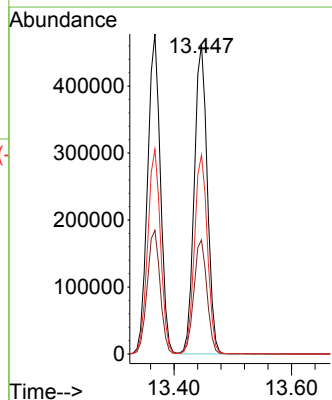
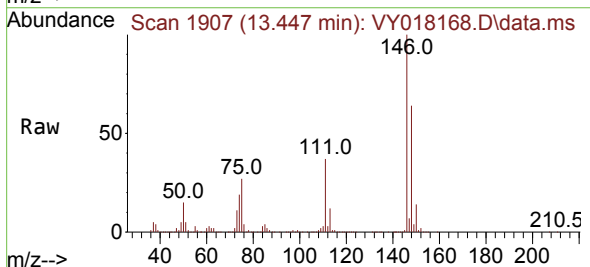
Instrument :
MSVOA_Y
ClientSampleId :
VSTDIC150

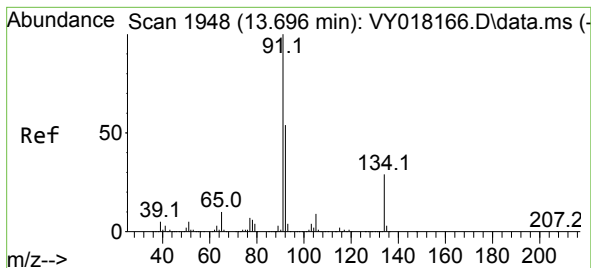
Tgt Ion:146 Resp: 723704
Ion Ratio Lower Upper
146 100
111 39.1 19.0 57.0
148 64.1 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 144.498 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY018168.D
Acq: 07 May 2024 11:25

Tgt Ion:146 Resp: 709261
Ion Ratio Lower Upper
146 100
111 36.9 18.4 55.4
148 64.4 32.4 97.2





#89

n-Butylbenzene

Concen: 139.947 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

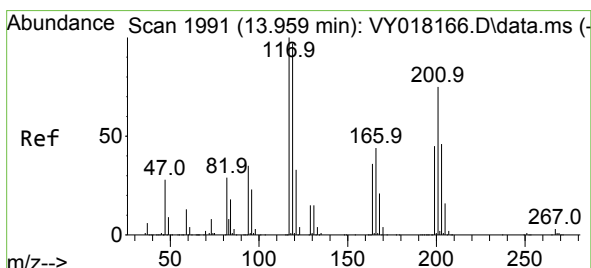
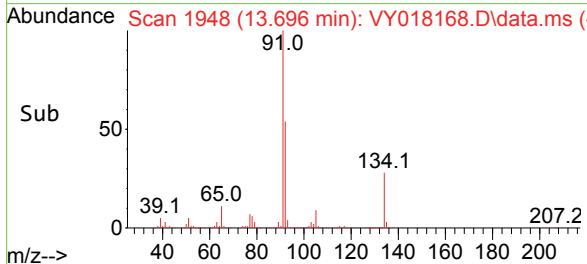
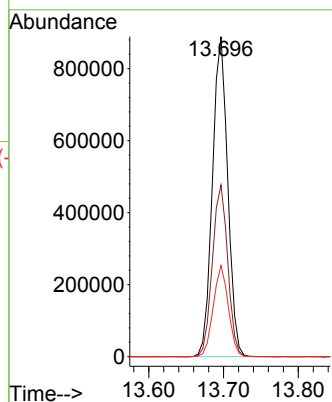
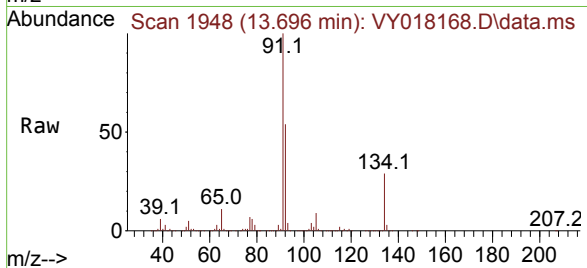
Tgt Ion: 91 Resp: 1261524

Ion Ratio Lower Upper

91 100

92 54.1 26.6 79.7

134 28.0 12.9 38.7



#90

Hexachloroethane

Concen: 145.325 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018168.D

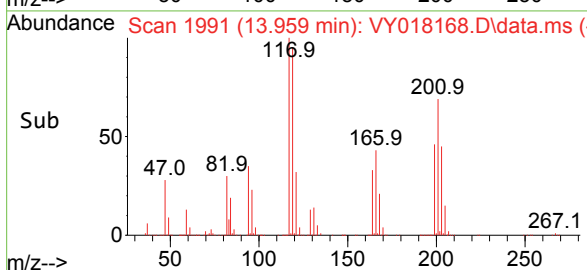
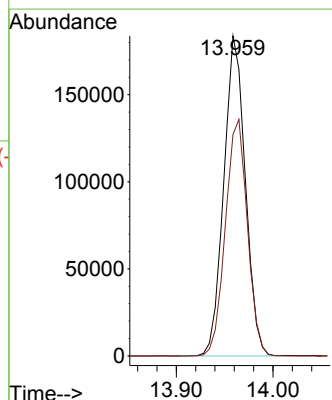
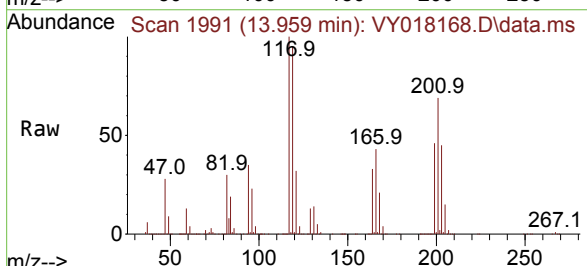
Acq: 07 May 2024 11:25

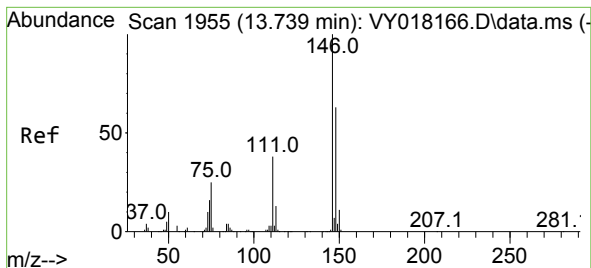
Tgt Ion: 117 Resp: 283977

Ion Ratio Lower Upper

117 100

201 75.7 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 146.081 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

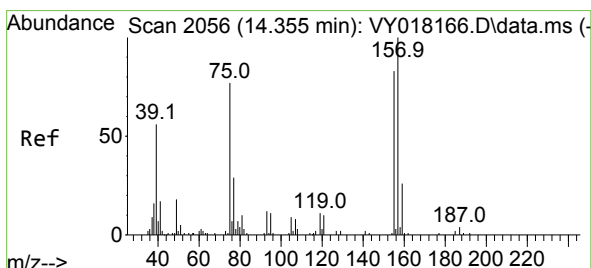
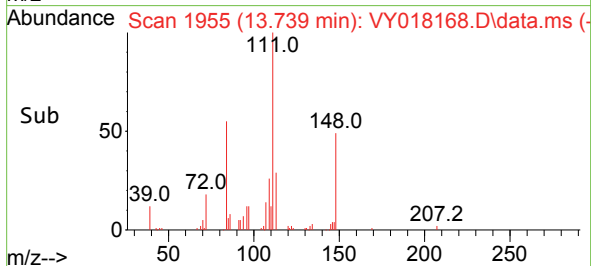
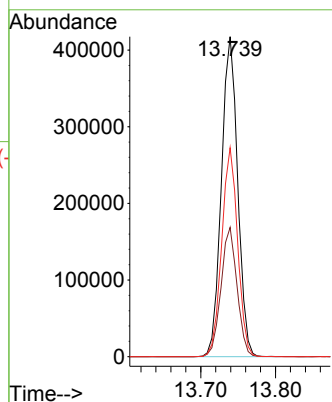
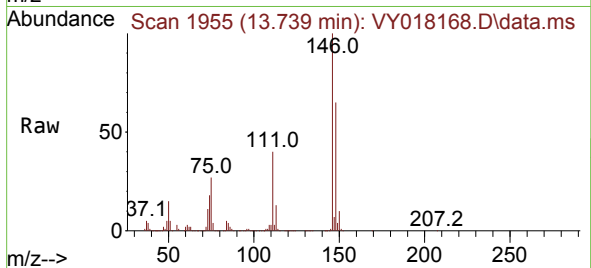
Tgt Ion:146 Resp: 632191

Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

148 64.1 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 150.631 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

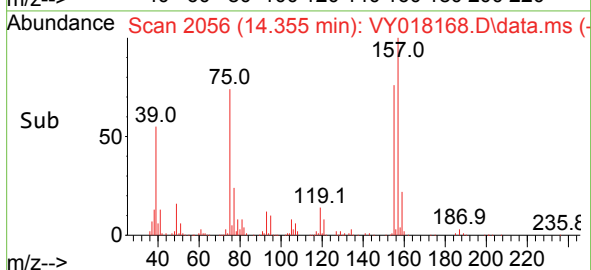
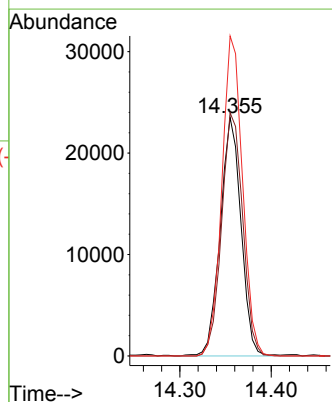
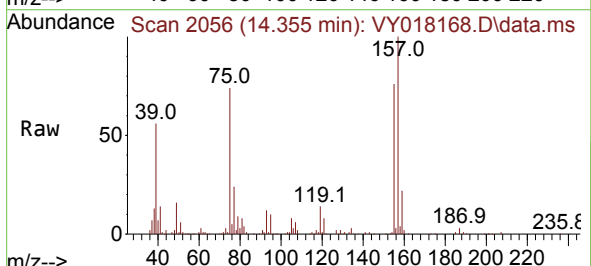
Tgt Ion: 75 Resp: 37132

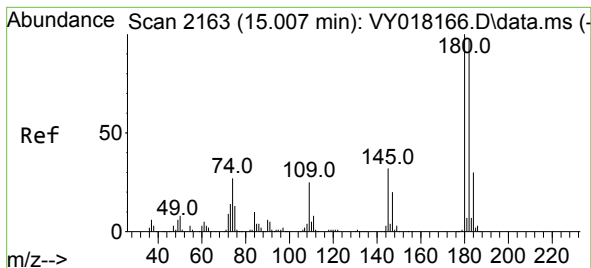
Ion Ratio Lower Upper

75 100

155 103.6 48.6 145.8

157 133.2 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 156.421 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDICC150

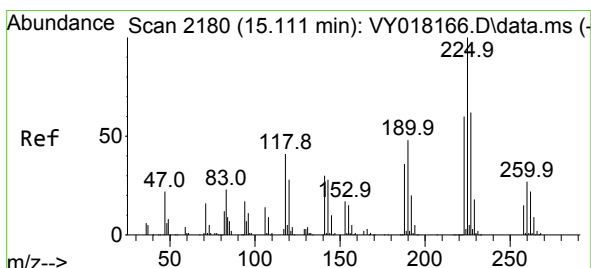
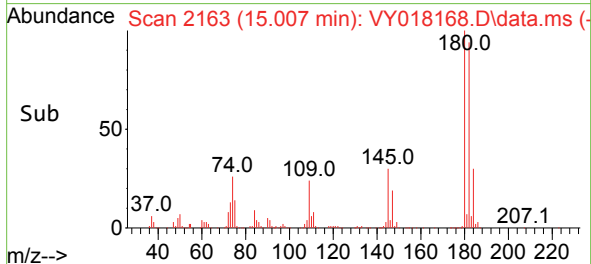
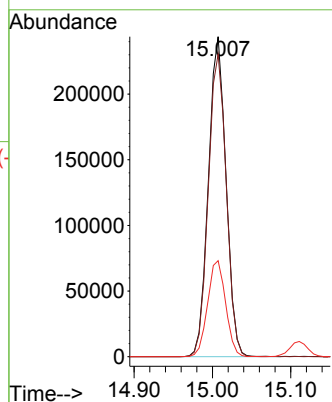
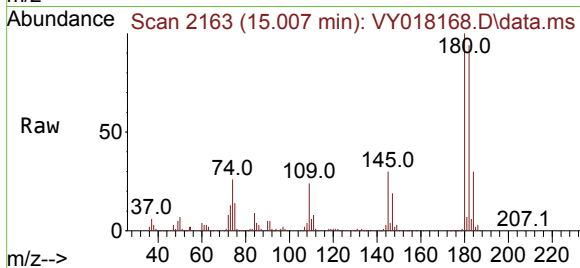
Tgt Ion:180 Resp: 380562

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.8

145 30.7 14.2 42.6



#94

Hexachlorobutadiene

Concen: 142.647 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

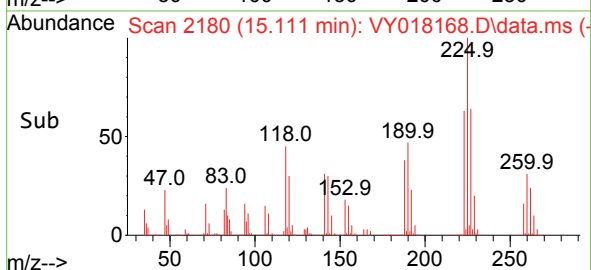
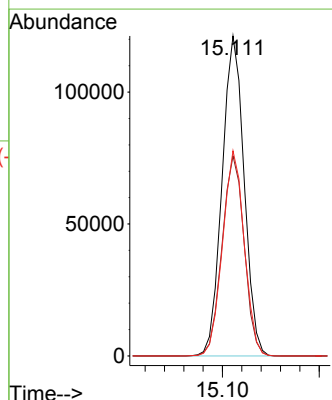
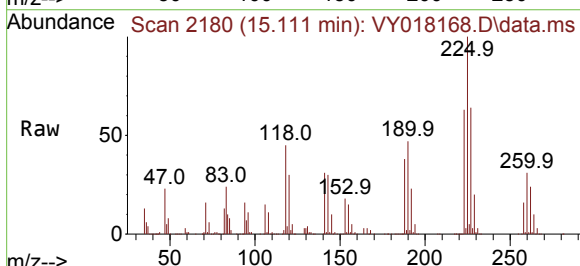
Tgt Ion:225 Resp: 191484

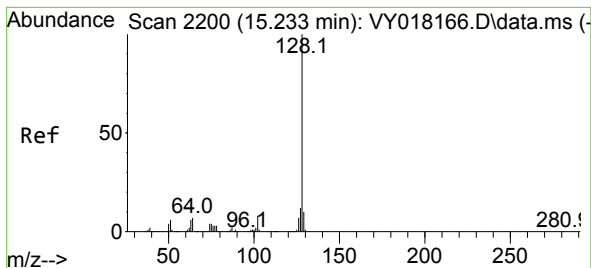
Ion Ratio Lower Upper

225 100

223 62.8 30.4 91.2

227 63.1 31.9 95.9





#95

Naphthalene

Concen: 169.636 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Instrument :

MSVOA_Y

ClientSampleId :

VSTDIC150

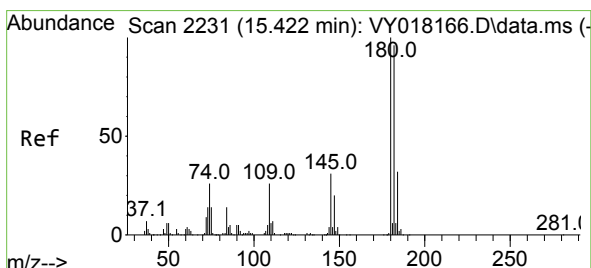
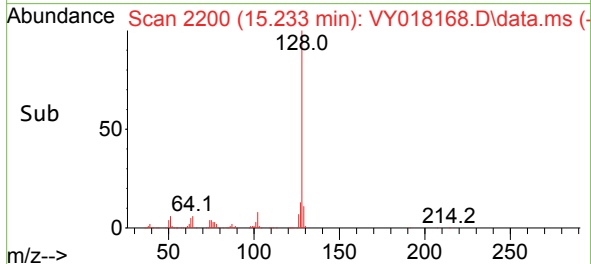
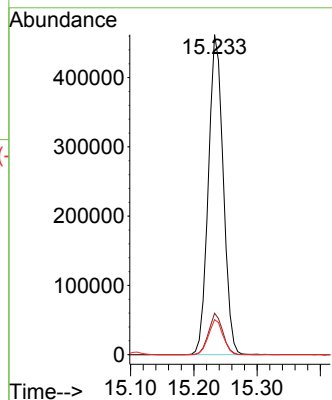
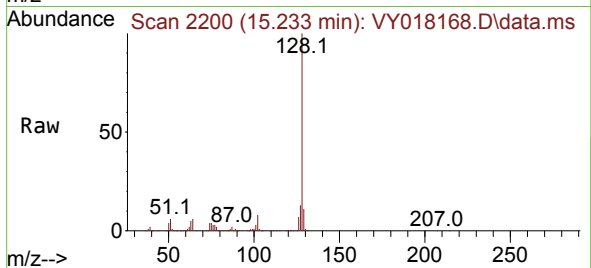
Tgt Ion:128 Resp: 756262

Ion Ratio Lower Upper

128 100

127 12.4 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 163.209 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018168.D

Acq: 07 May 2024 11:25

Tgt Ion:180 Resp: 325865

Ion Ratio Lower Upper

180 100

182 94.9 47.6 142.9

145 32.2 15.4 46.1

