

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050924\
 Data File : VY018201.D
 Acq On : 09 May 2024 10:16
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 10 01:13:08 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	225702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	382938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	325549	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144400	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	79672	47.983	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.960%
35) Dibromofluoromethane	7.710	113	93252	46.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.680%
50) Toluene-d8	10.179	98	359333	45.310	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.620%
62) 4-Bromofluorobenzene	12.483	95	112812	44.048	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	88.100%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	76319	42.638	ug/l	99
3) Chloromethane	2.107	50	110851	46.265	ug/l	95
4) Vinyl Chloride	2.247	62	130520	44.937	ug/l	99
5) Bromomethane	2.644	94	90516	44.873	ug/l	99
6) Chloroethane	2.790	64	86355	46.847	ug/l	98
7) Trichlorofluoromethane	3.119	101	152988	44.968	ug/l	97
8) Diethyl Ether	3.521	74	51998	46.428	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	97627	45.026	ug/l	98
10) Methyl Iodide	4.076	142	115595	45.655	ug/l	98
11) Tert butyl alcohol	4.942	59	39708	273.188	ug/l #	78
12) 1,1-Dichloroethene	3.863	96	98344	45.055	ug/l	92
13) Acrolein	3.716	56	42198	260.254	ug/l	97
14) Allyl chloride	4.466	41	130844	47.121	ug/l	96
15) Acrylonitrile	5.149	53	105994	246.098	ug/l	99
16) Acetone	3.936	43	83375	251.620	ug/l	100
17) Carbon Disulfide	4.186	76	283028	47.630	ug/l	99
18) Methyl Acetate	4.460	43	46616	49.387	ug/l	98
19) Methyl tert-butyl Ether	5.210	73	226895	46.665	ug/l	98
20) Methylene Chloride	4.704	84	107940	46.088	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	104563	45.192	ug/l	98
22) Diisopropyl ether	6.106	45	272460	46.254	ug/l	93
23) Vinyl Acetate	6.051	43	850749	237.626	ug/l	99
24) 1,1-Dichloroethane	6.009	63	167391	46.138	ug/l	100
25) 2-Butanone	6.972	43	130962	247.254	ug/l	96
26) 2,2-Dichloropropane	6.972	77	147601	44.951	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	125446	45.878	ug/l	96
28) Bromochloromethane	7.326	49	70285	48.469	ug/l	97
29) Tetrahydrofuran	7.338	42	81405	232.833	ug/l	99
30) Chloroform	7.502	83	170617	45.047	ug/l	98
31) Cyclohexane	7.783	56	149352	46.068	ug/l	98
32) 1,1,1-Trichloroethane	7.697	97	151921	44.752	ug/l	99
36) 1,1-Dichloropropene	7.911	75	125252	43.414	ug/l	97
37) Ethyl Acetate	7.063	43	57530	47.377	ug/l #	97
38) Carbon Tetrachloride	7.899	117	134966	42.813	ug/l	98
39) Methylcyclohexane	9.179	83	179465	43.118	ug/l	100
40) Benzene	8.155	78	410120	44.193	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.295	41	30807	43.934	ug/l	96
42) 1,2-Dichloroethane	8.228	62	90804	44.971	ug/l	96
43) Isopropyl Acetate	8.264	43	114933	46.176	ug/l	96
44) Trichloroethene	8.935	130	108229	42.841	ug/l	99
45) 1,2-Dichloropropane	9.209	63	89817	44.269	ug/l	99
46) Dibromomethane	9.301	93	53382	45.768	ug/l	99
47) Bromodichloromethane	9.496	83	128999	44.737	ug/l	99
48) Methyl methacrylate	9.289	41	52122	45.691	ug/l	93
49) 1,4-Dioxane	9.295	88	13385	864.546	ug/l #	100
51) 4-Methyl-2-Pentanone	10.069	43	293670	234.750	ug/l	96
52) Toluene	10.240	92	259495	43.435	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	120451	44.722	ug/l	94
54) cis-1,3-Dichloropropene	9.923	75	146873	44.611	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	73701	45.998	ug/l	95
56) Ethyl methacrylate	10.508	69	99209	45.590	ug/l	93
57) 1,3-Dichloropropane	10.788	76	116955	44.850	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	290170	279.252	ug/l	95
59) 2-Hexanone	10.831	43	205861	235.350	ug/l	94
60) Dibromochloromethane	10.983	129	92225	44.364	ug/l	99
61) 1,2-Dibromoethane	11.087	107	67338	44.619	ug/l	100
64) Tetrachloroethene	10.721	164	91829	42.366	ug/l	97
65) Chlorobenzene	11.514	112	286660	43.234	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	93092	43.406	ug/l	100
67) Ethyl Benzene	11.593	91	484550	43.283	ug/l	94
68) m/p-Xylenes	11.703	106	380814	86.019	ug/l	96
69) o-Xylene	12.026	106	182948	43.062	ug/l	94
70) Styrene	12.044	104	306935	43.261	ug/l	97
71) Bromoform	12.209	173	52568	44.299	ug/l #	100
73) Isopropylbenzene	12.331	105	466405	43.080	ug/l	98
74) N-amyl acetate	12.142	43	103528	46.065	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.581	83	78027	45.179	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	95794	82.879	ug/l #	100
77) Bromobenzene	12.605	156	108455	43.606	ug/l	95
78) n-propylbenzene	12.672	91	539174	42.816	ug/l	97
79) 2-Chlorotoluene	12.758	91	299166	42.752	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	365179	42.776	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	26709	44.522	ug/l	99
82) 4-Chlorotoluene	12.855	91	299808	42.653	ug/l	96
83) tert-Butylbenzene	13.075	119	336861	42.779	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	359097	42.941	ug/l	98
85) sec-Butylbenzene	13.251	105	495517	42.900	ug/l	98
86) p-Isopropyltoluene	13.367	119	402939	42.406	ug/l	98
87) 1,3-Dichlorobenzene	13.367	146	206645	43.022	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	201572	43.047	ug/l	99
89) n-Butylbenzene	13.696	91	361221	42.005	ug/l	97
90) Hexachloroethane	13.965	117	77708	41.685	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	180358	43.686	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	10567	44.934	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	100145	43.148	ug/l	96
94) Hexachlorobutadiene	15.111	225	53118	41.480	ug/l	98
95) Naphthalene	15.239	128	188806	44.394	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	81954	43.027	ug/l	99

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QLast Update : Wed May 08 01:40:14 2024
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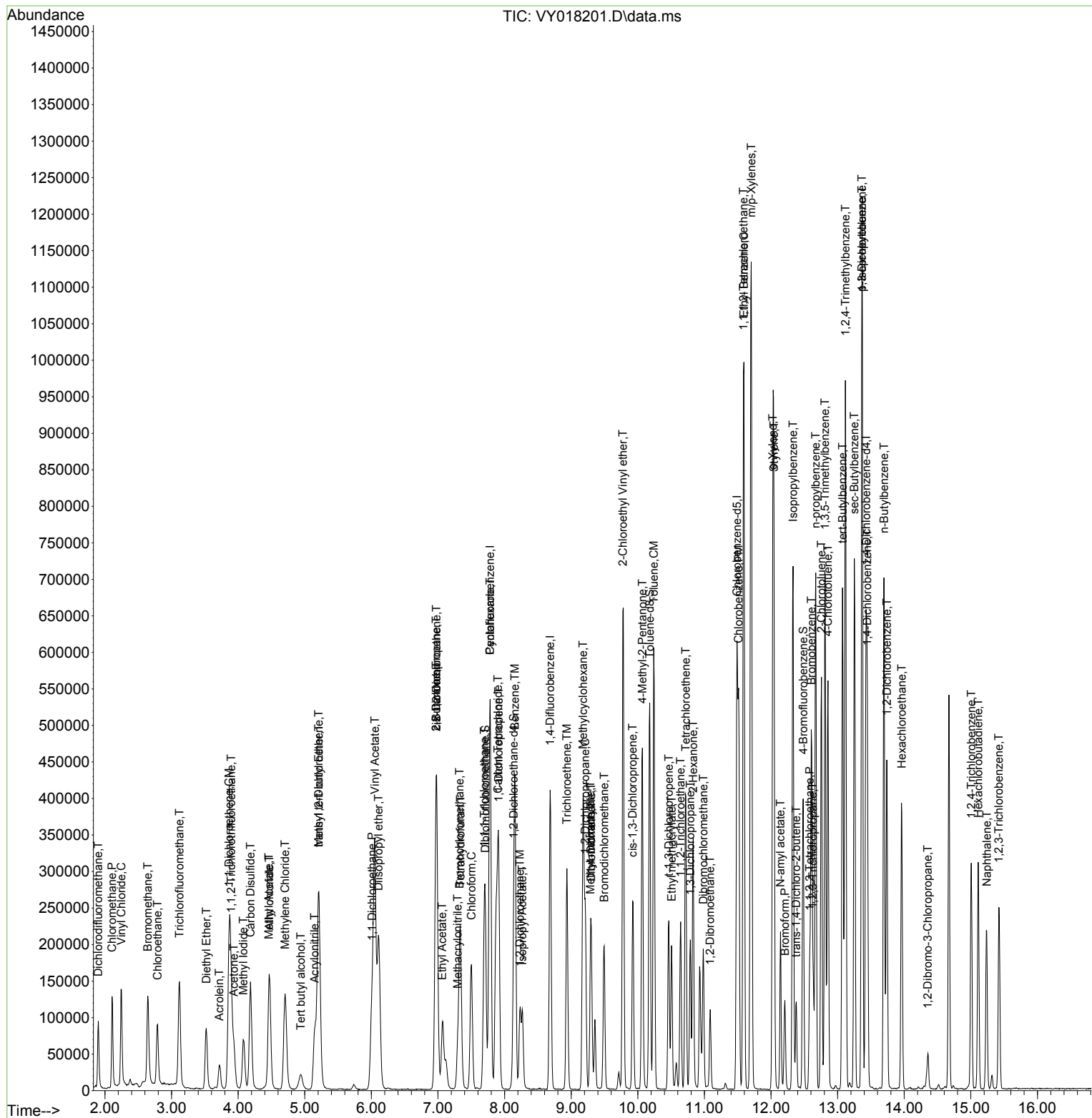
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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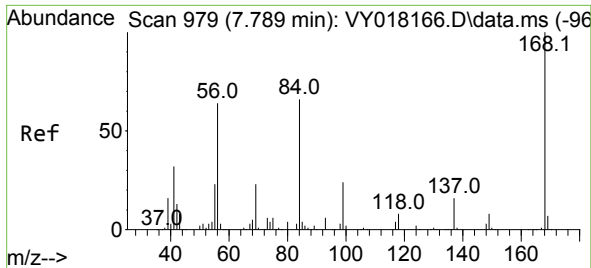
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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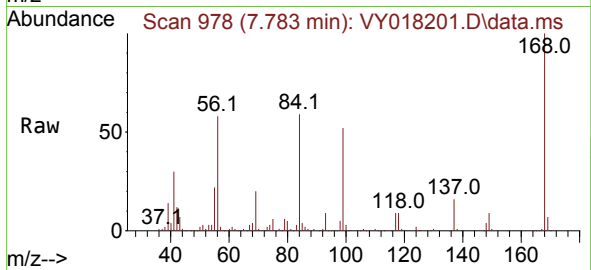
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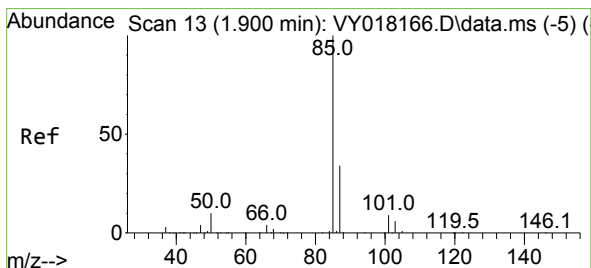
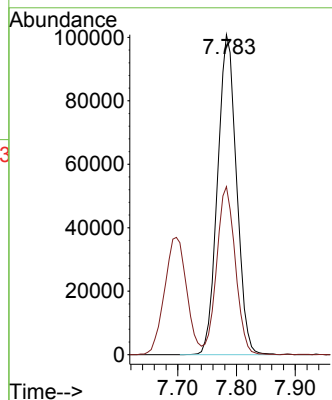
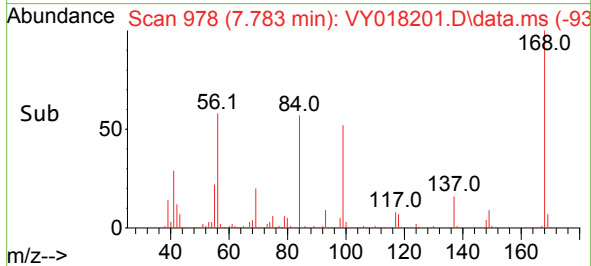


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018201.D
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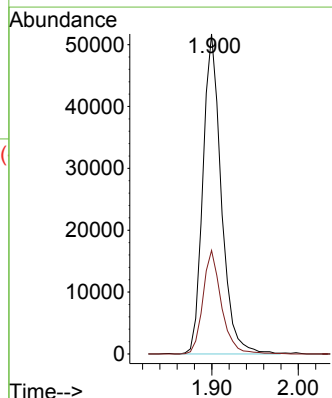
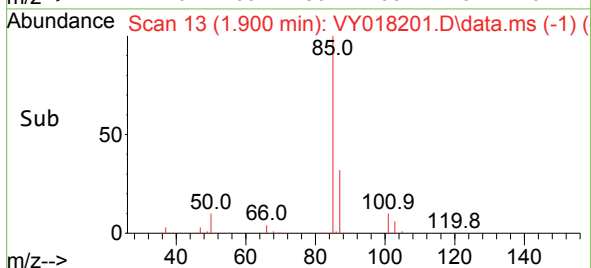
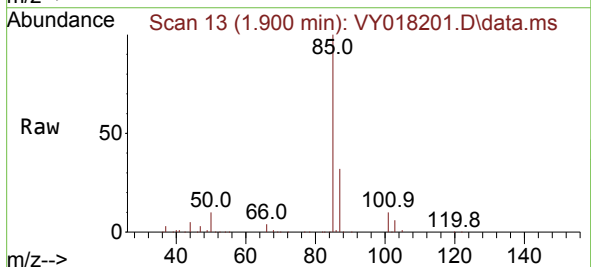


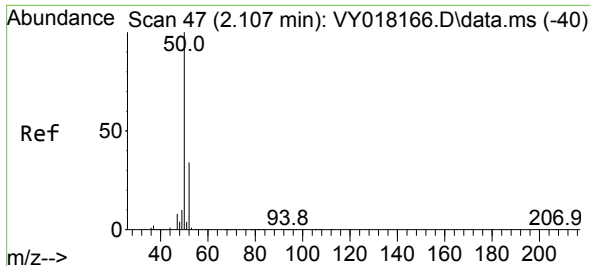
Tgt Ion:168 Resp: 225702
Ion Ratio Lower Upper
168 100
99 52.5 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 42.638 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 85 Resp: 76319
Ion Ratio Lower Upper
85 100
87 32.4 16.0 48.0

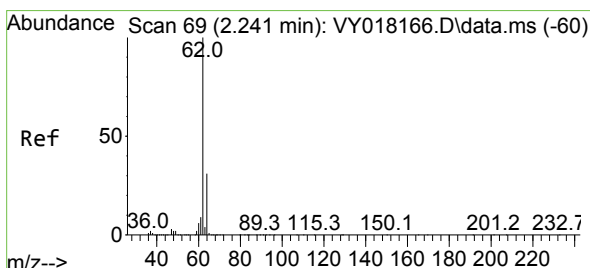
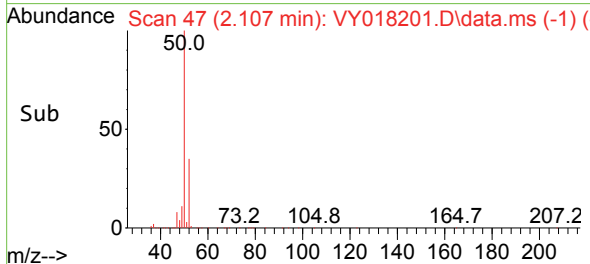
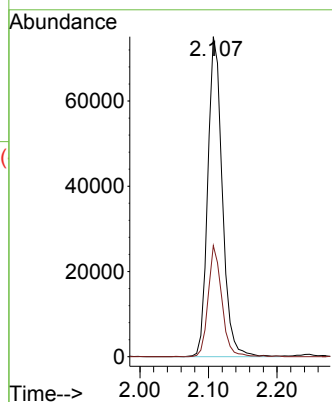
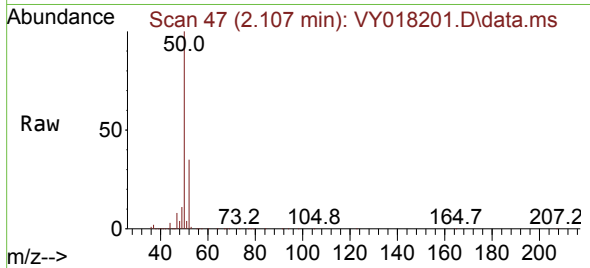




#3
Chloromethane
Concen: 46.265 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

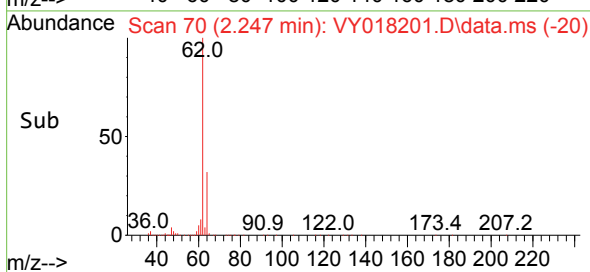
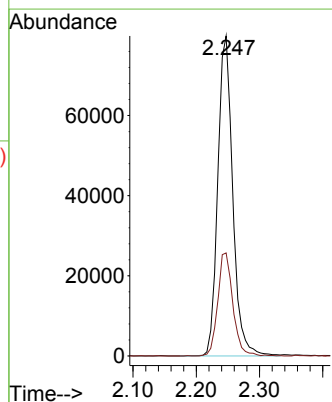
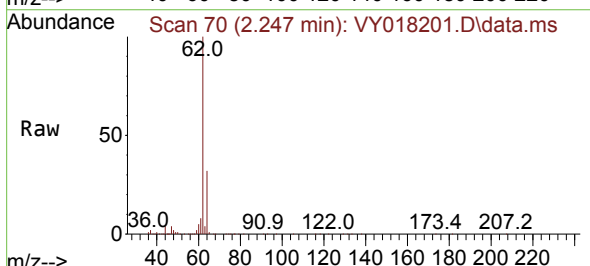
Instrument :
MSVOA_Y
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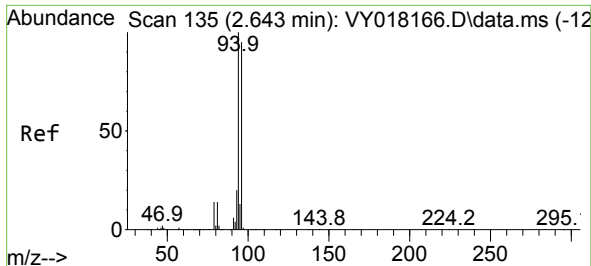
Tgt Ion: 50 Resp: 110851
Ion Ratio Lower Upper
50 100
52 34.6 25.6 38.4



#4
Vinyl Chloride
Concen: 44.937 ug/l
RT: 2.247 min Scan# 70
Delta R.T. 0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 62 Resp: 130520
Ion Ratio Lower Upper
62 100
64 32.2 26.1 39.1

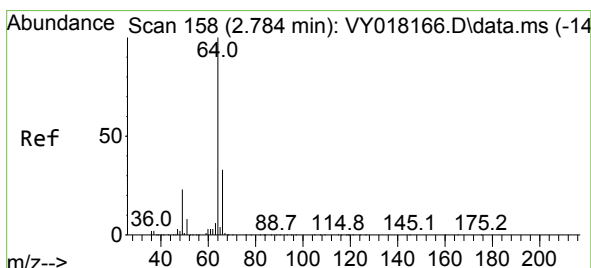
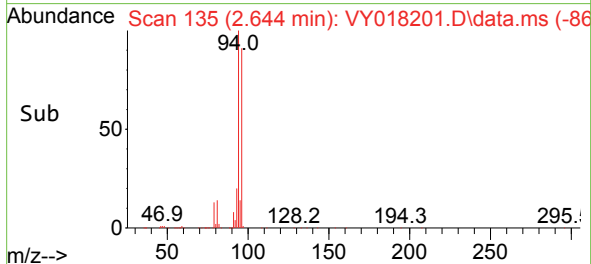
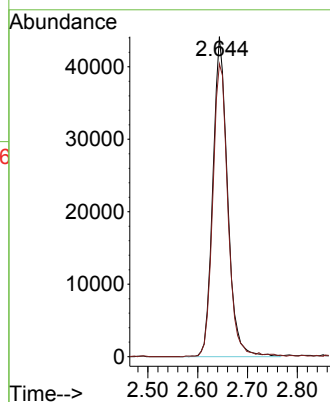
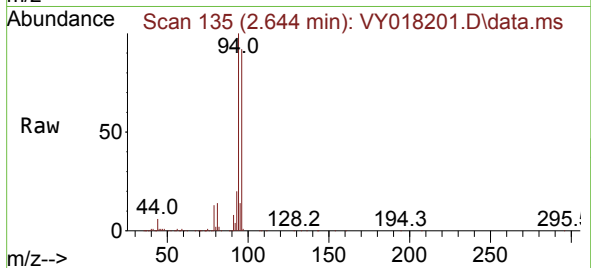




#5
Bromomethane
Concen: 44.873 ug/l
RT: 2.644 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

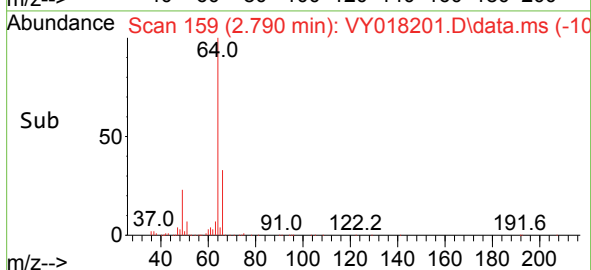
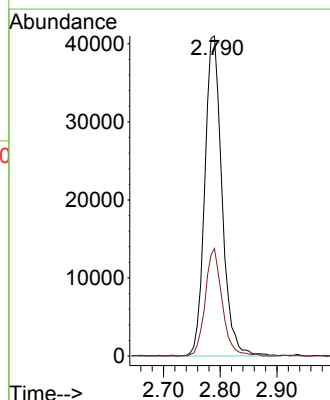
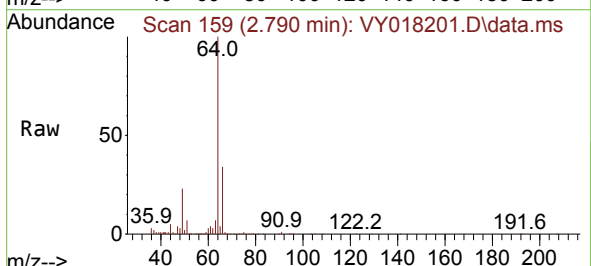
Instrument :
MSVOA_Y
ClientSampleId :

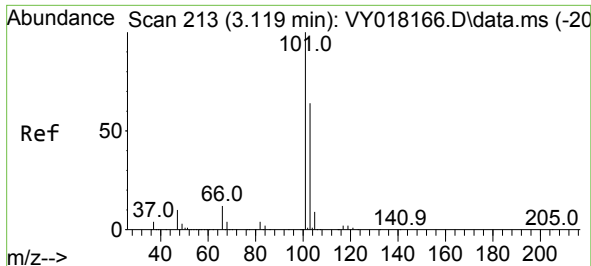
Tgt Ion: 94 Resp: 90516
Ion Ratio Lower Upper
94 100
96 91.5 74.1 111.1



#6
Chloroethane
Concen: 46.847 ug/l
RT: 2.790 min Scan# 159
Delta R.T. 0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

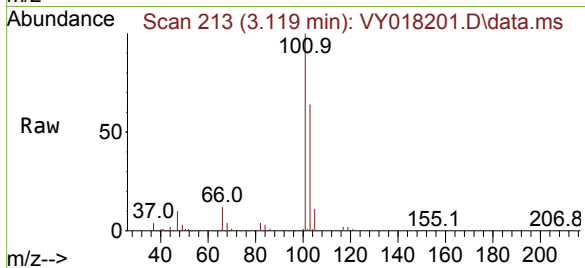
Tgt Ion: 64 Resp: 86355
Ion Ratio Lower Upper
64 100
66 33.6 26.1 39.1



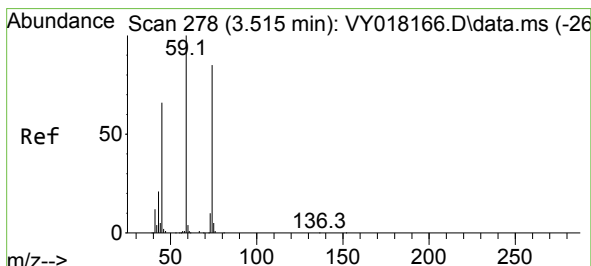
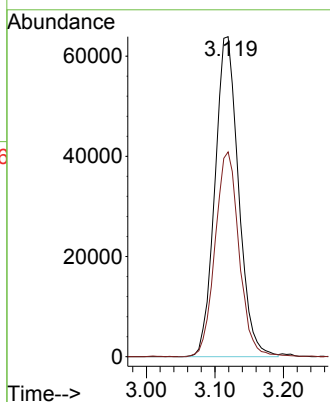
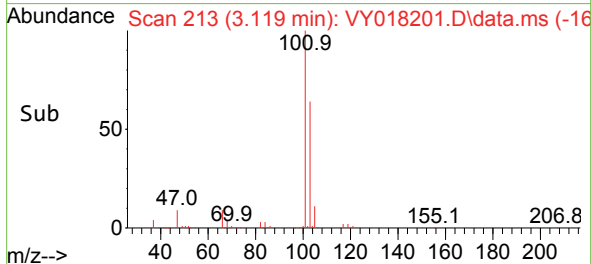


#7
Trichlorofluoromethane
Concen: 44.968 ug/l
RT: 3.119 min Scan# 213
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Instrument :
MSVOA_Y
ClientSampleId :

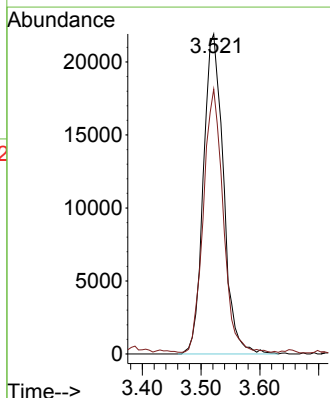
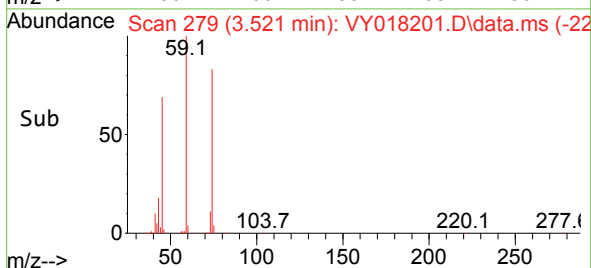
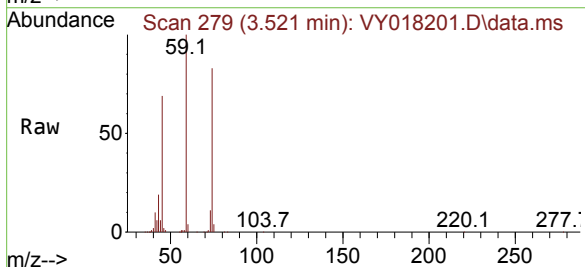


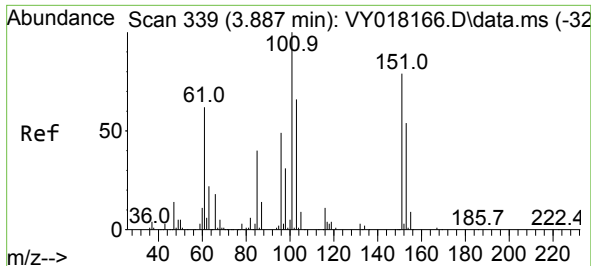
Tgt Ion: 101 Resp: 152988
Ion Ratio Lower Upper
101 100
103 64.0 49.3 73.9



#8
Diethyl Ether
Concen: 46.428 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY018201.D
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Tgt Ion: 74 Resp: 51998
Ion Ratio Lower Upper
74 100
45 80.7 41.3 124.1

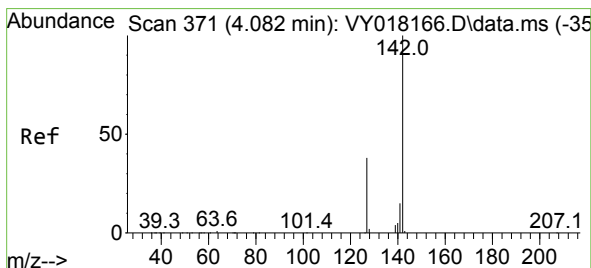
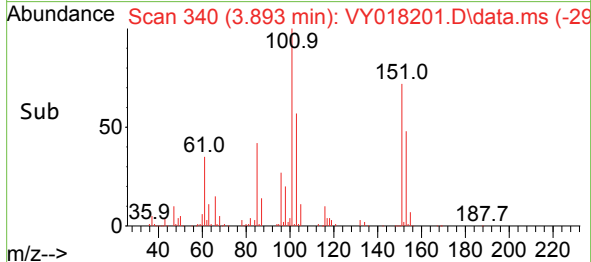
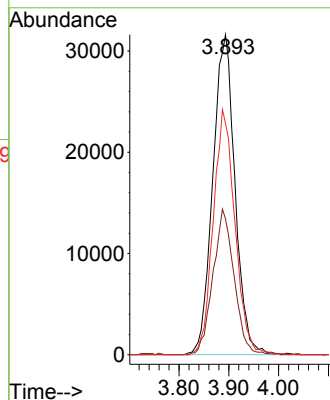
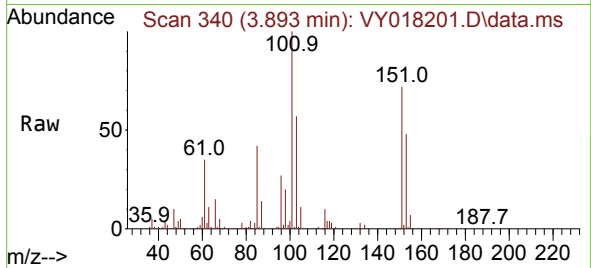




#9
1,1,2-Trichlorotrifluoroethane
Concen: 45.026 ug/l
RT: 3.893 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

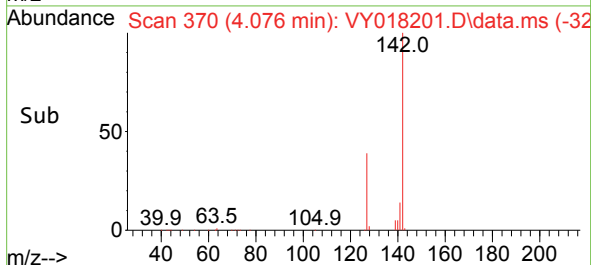
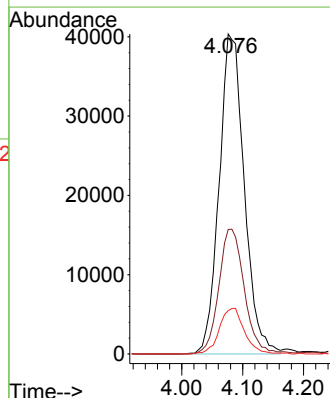
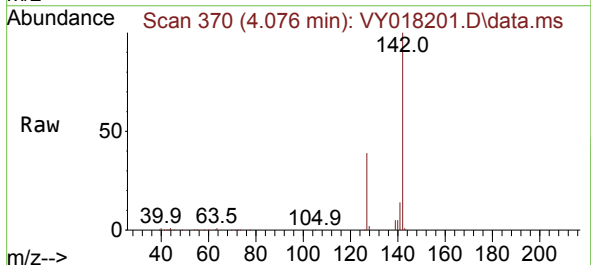
Instrument :
MSVOA_Y
ClientSampleId :

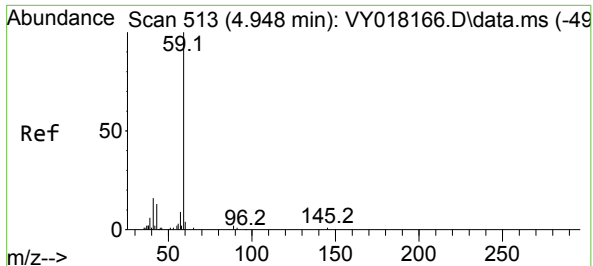
Tgt Ion:101 Resp: 97627
Ion Ratio Lower Upper
101 100
85 43.3 34.5 51.7
151 75.1 61.7 92.5



#10
Methyl Iodide
Concen: 45.655 ug/l
RT: 4.076 min Scan# 370
Delta R.T. -0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion:142 Resp: 115595
Ion Ratio Lower Upper
142 100
127 39.7 32.8 49.2
141 14.3 11.4 17.2

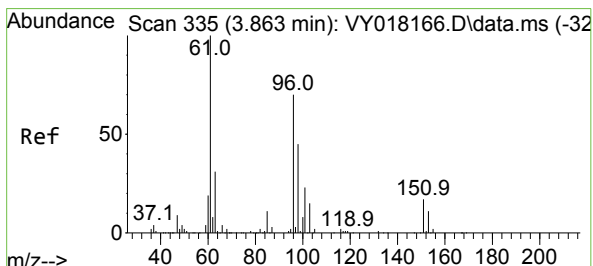
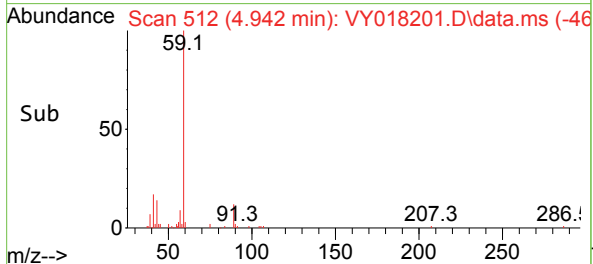
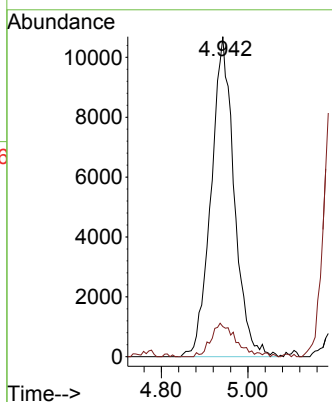
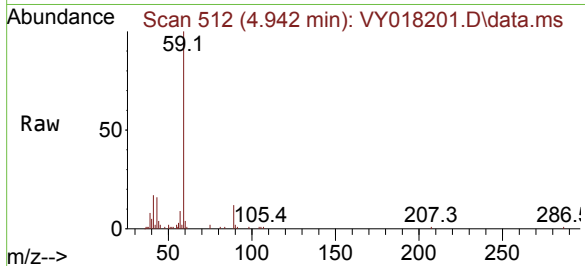




#11
Tert butyl alcohol
Concen: 273.188 ug/l
RT: 4.942 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

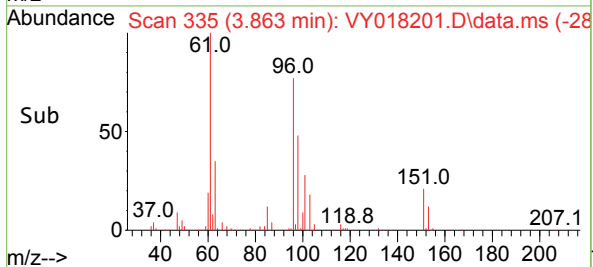
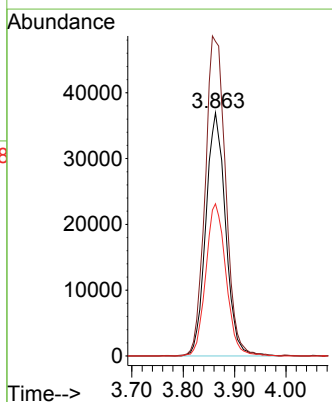
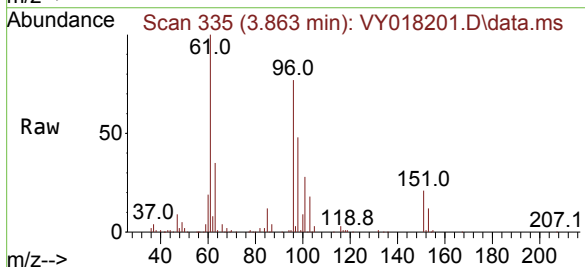
Instrument :
MSVOA_Y
ClientSampleId :

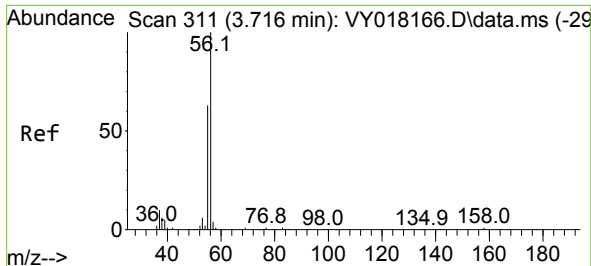
Tgt Ion: 59 Resp: 39708
Ion Ratio Lower Upper
59 100
57 11.2 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 45.055 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 96 Resp: 98344
Ion Ratio Lower Upper
96 100
61 129.2 114.6 171.8
98 62.6 50.8 76.2





#13

Acrolein

Concen: 260.254 ug/l

RT: 3.716 min Scan# 311

Delta R.T. 0.000 min

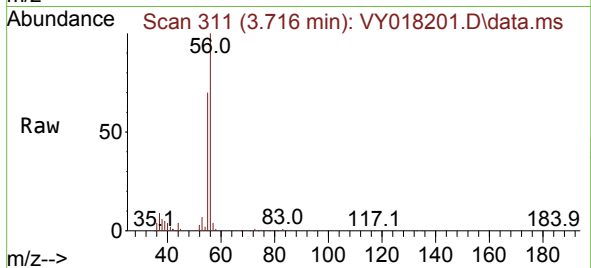
Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

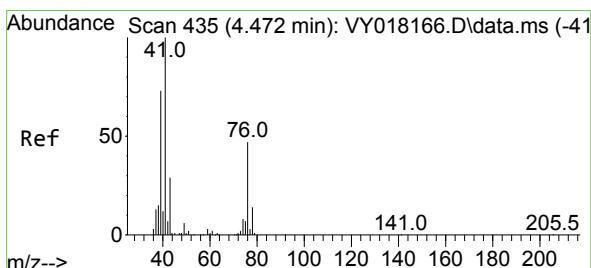
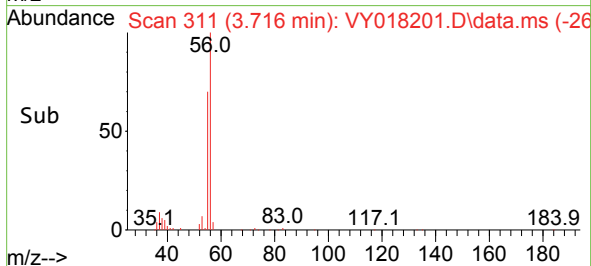
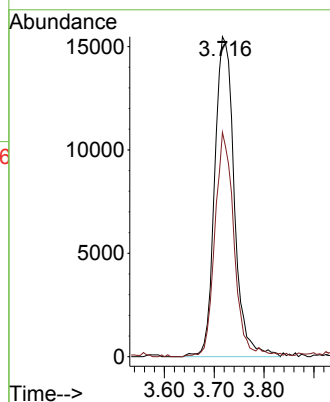


Tgt Ion: 56 Resp: 42198

Ion Ratio Lower Upper

56 100

55 67.2 55.7 83.5



#14

Allyl chloride

Concen: 47.121 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.006 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

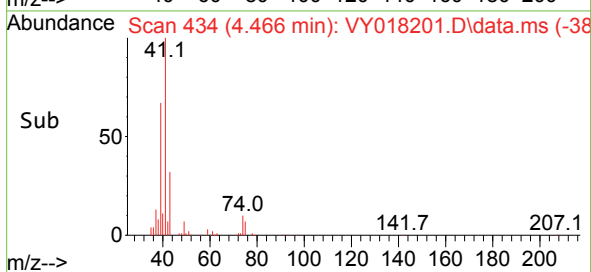
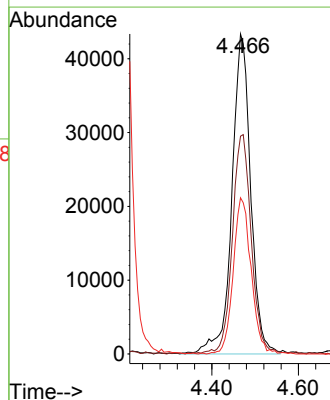
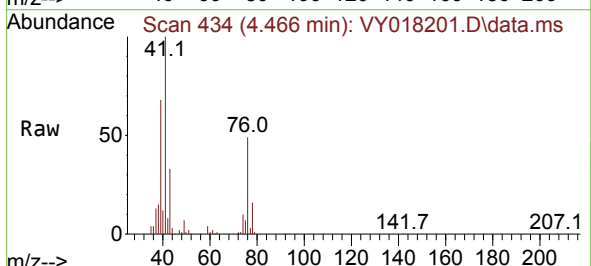
Tgt Ion: 41 Resp: 130844

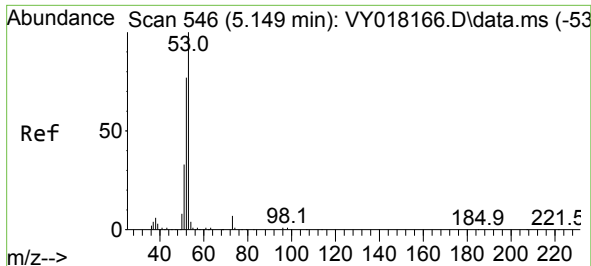
Ion Ratio Lower Upper

41 100

39 69.6 58.3 87.5

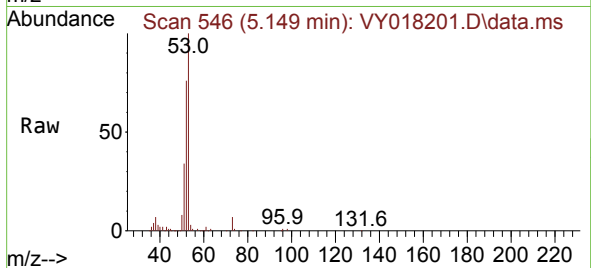
76 46.5 39.0 58.6



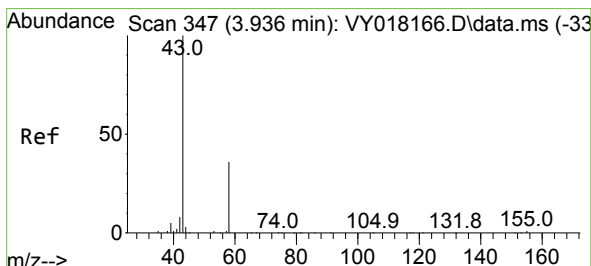
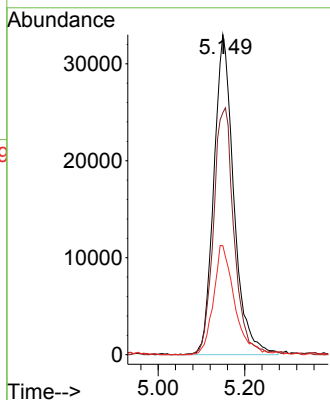
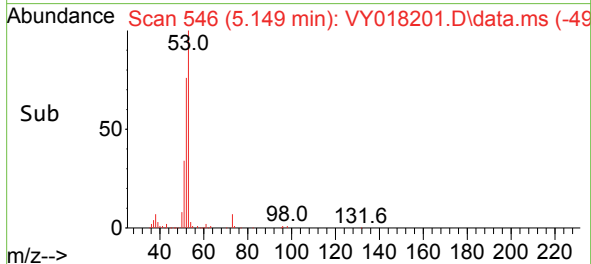


#15
Acrylonitrile
Concen: 246.098 ug/l
RT: 5.149 min Scan# 546
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

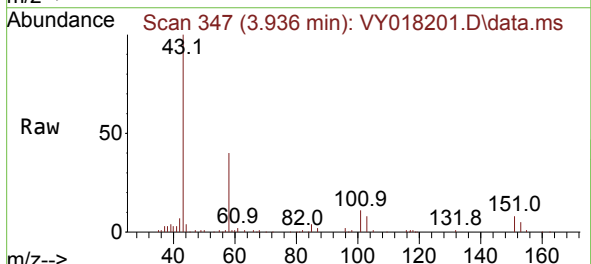
Instrument :
MSVOA_Y
ClientSampleId :



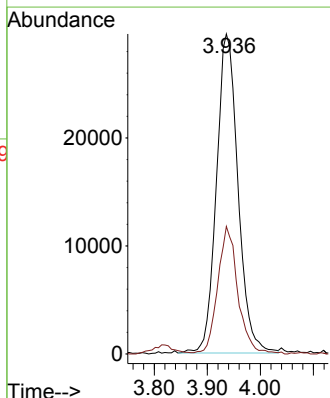
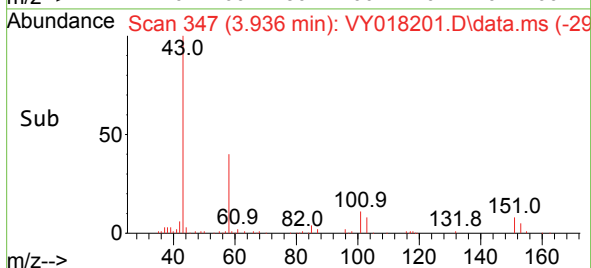
Tgt Ion: 53 Resp: 105994
Ion Ratio Lower Upper
53 100
52 79.4 64.7 97.1
51 36.0 28.4 42.6

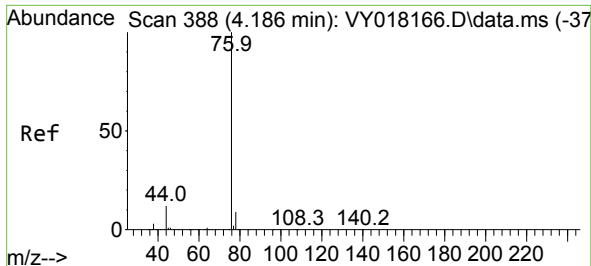


#16
Acetone
Concen: 251.620 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16



Tgt Ion: 43 Resp: 83375
Ion Ratio Lower Upper
43 100
58 39.6 31.7 47.5

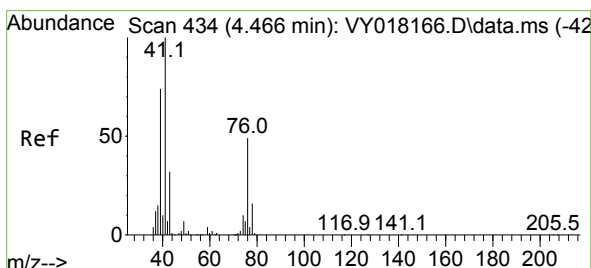
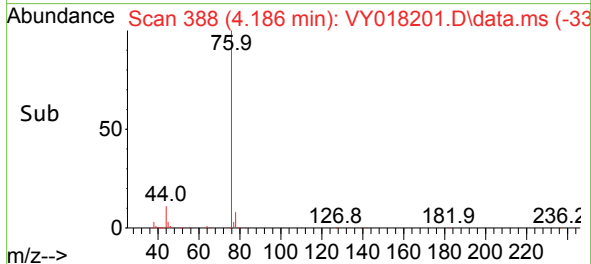
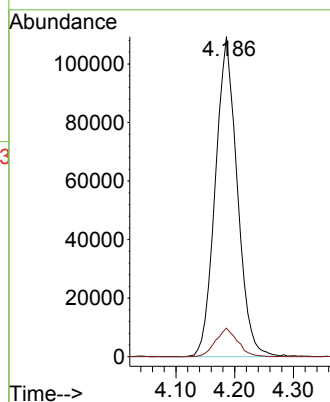
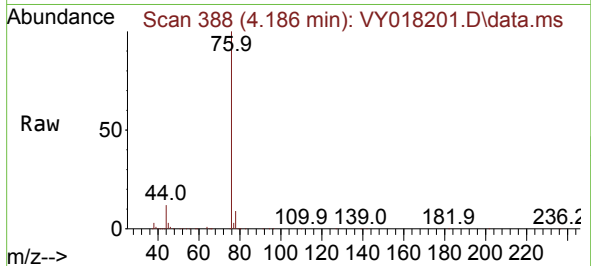




#17
Carbon Disulfide
Concen: 47.630 ug/l
RT: 4.186 min Scan# 388
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

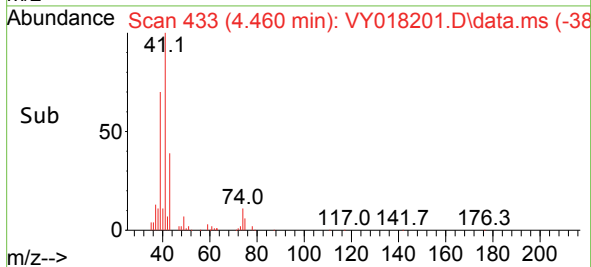
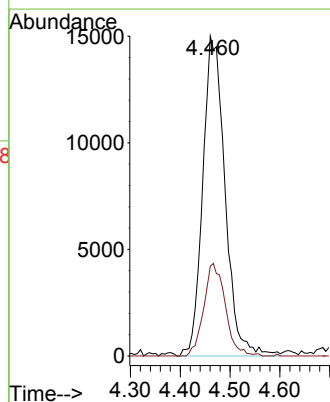
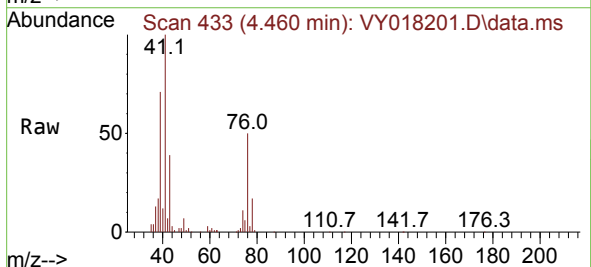
Instrument :
MSVOA_Y
ClientSampleId :

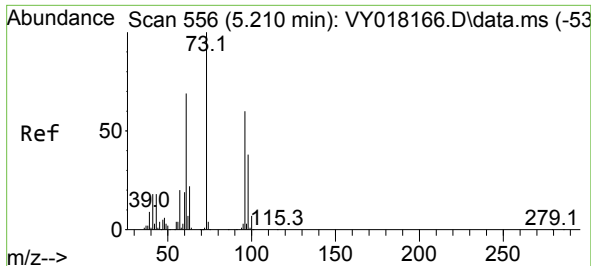
Tgt Ion: 76 Resp: 283028
Ion Ratio Lower Upper
76 100
78 8.9 6.8 10.2



#18
Methyl Acetate
Concen: 49.387 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 43 Resp: 46616
Ion Ratio Lower Upper
43 100
74 27.9 23.3 34.9

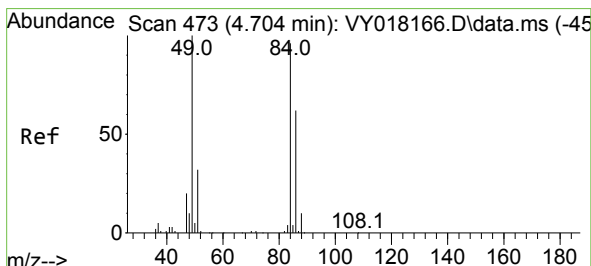
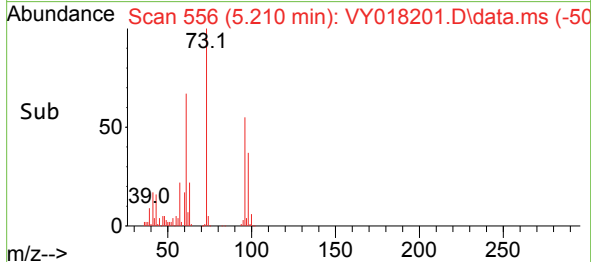
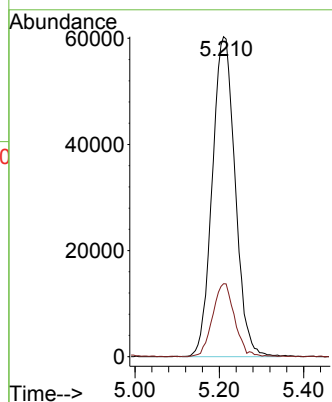
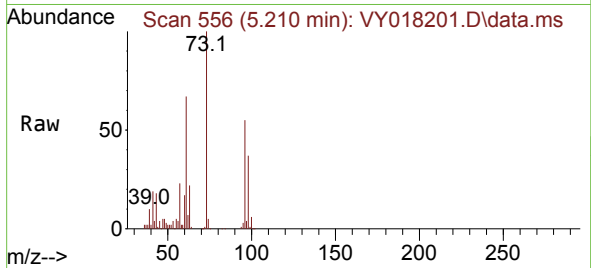




#19
Methyl tert-butyl Ether
Concen: 46.665 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

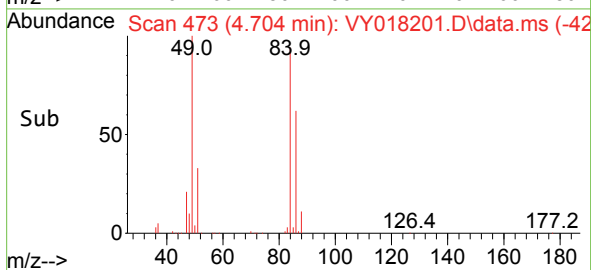
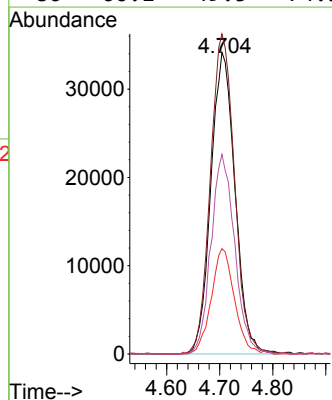
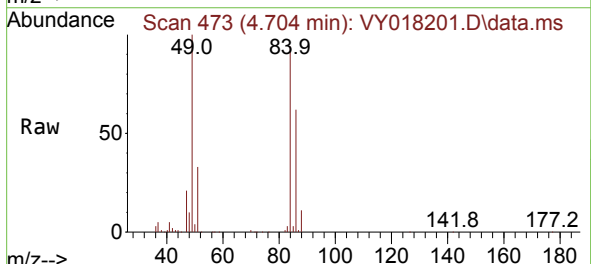
Instrument :
MSVOA_Y
ClientSampleId :

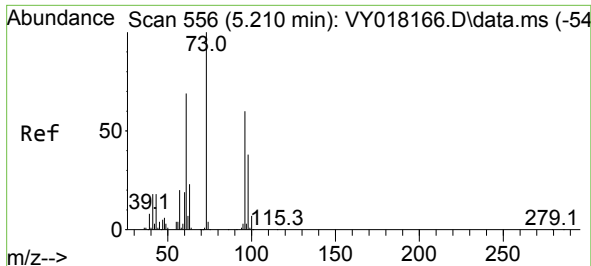
Tgt Ion: 73 Resp: 226895
Ion Ratio Lower Upper
73 100
57 22.7 17.3 25.9



#20
Methylene Chloride
Concen: 46.088 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

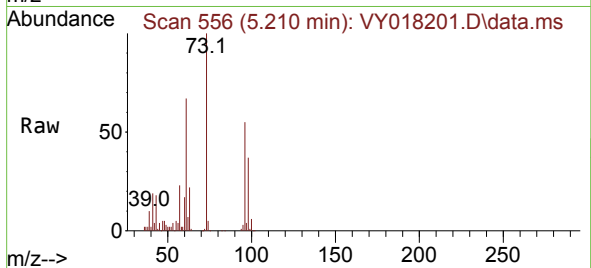
Tgt Ion: 84 Resp: 107940
Ion Ratio Lower Upper
84 100
49 106.1 84.4 126.6
51 34.9 26.0 39.0
86 66.1 49.5 74.3



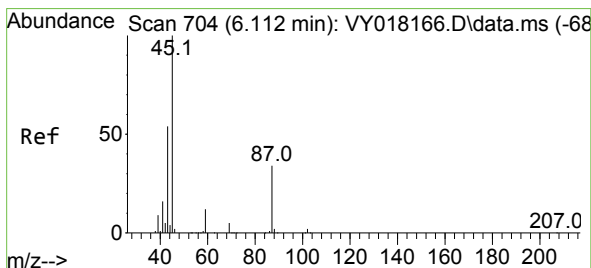
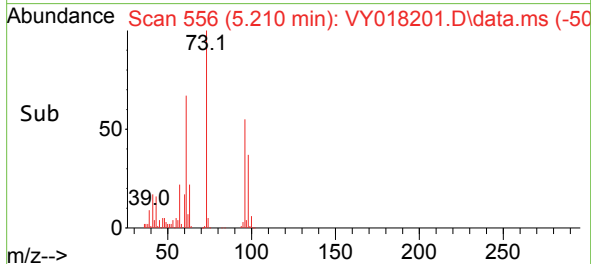
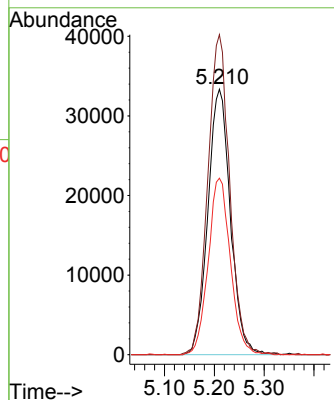


#21
trans-1,2-Dichloroethene
Concen: 45.192 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Instrument :
MSVOA_Y
ClientSampleId :

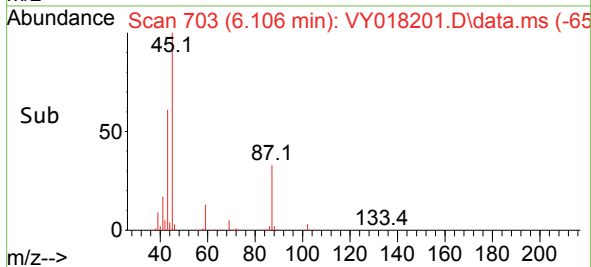
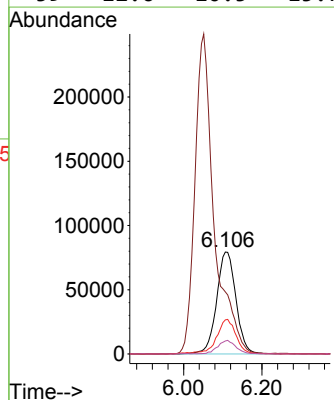
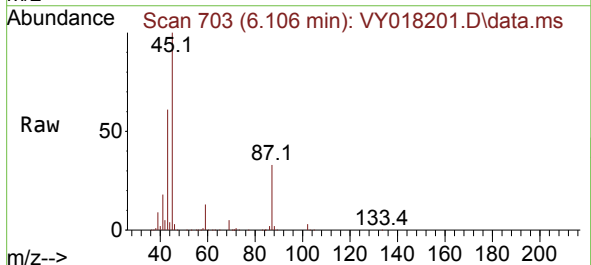


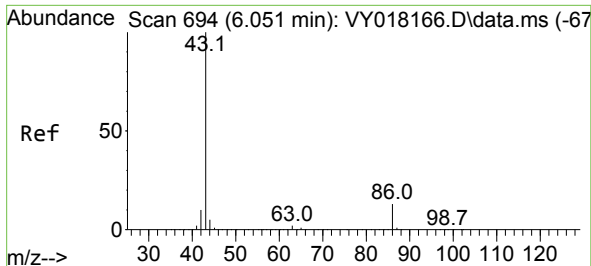
Tgt Ion: 96 Resp: 104563
Ion Ratio Lower Upper
96 100
61 120.6 97.5 146.3
98 66.5 50.5 75.7



#22
Diisopropyl ether
Concen: 46.254 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 45 Resp: 272460
Ion Ratio Lower Upper
45 100
43 60.3 42.2 63.2
87 33.4 25.0 37.6
59 12.6 10.5 15.7

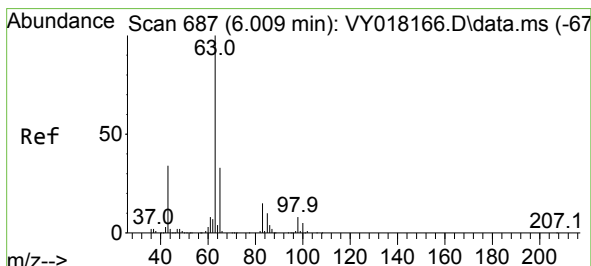
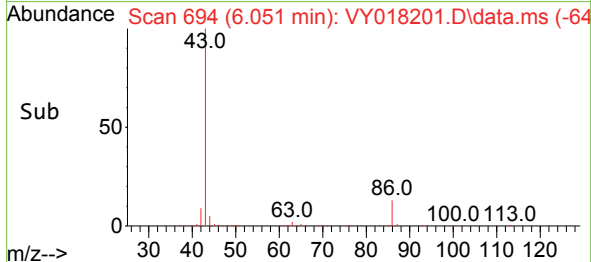
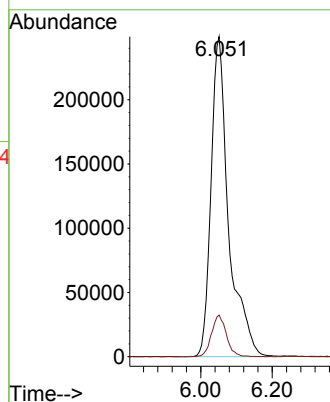
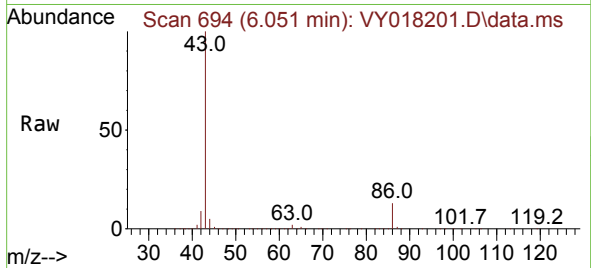




#23
 Vinyl Acetate
 Concen: 237.626 ug/l
 RT: 6.051 min Scan# 694
 Delta R.T. 0.000 min
 Lab File: VY018201.D
 Acq: 09 May 2024 10:16

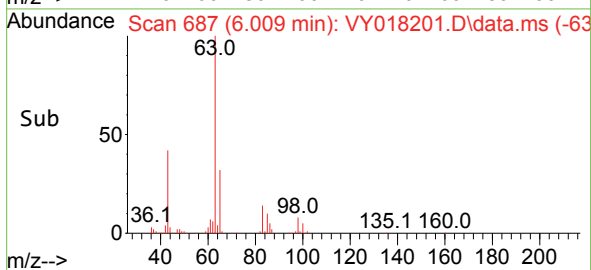
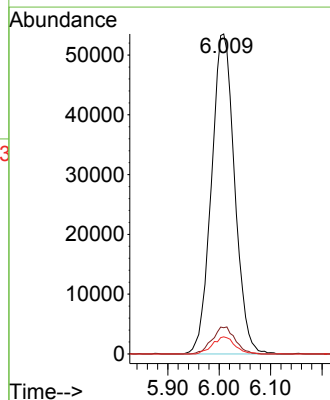
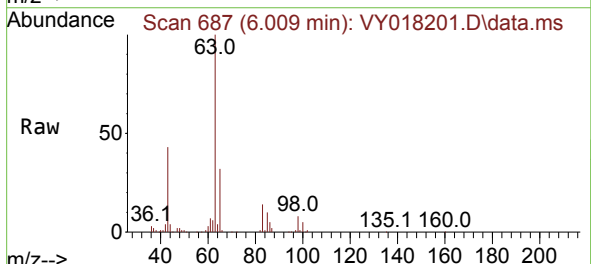
Instrument :
 MSVOA_Y
 ClientSampleId :

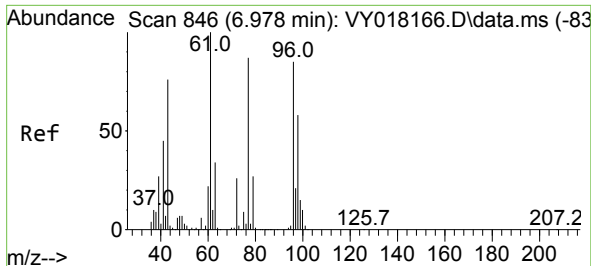
Tgt Ion: 43 Resp: 850749
 Ion Ratio Lower Upper
 43 100
 86 13.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 46.138 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.000 min
 Lab File: VY018201.D
 Acq: 09 May 2024 10:16

Tgt Ion: 63 Resp: 167391
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 5.4 2.6 8.0

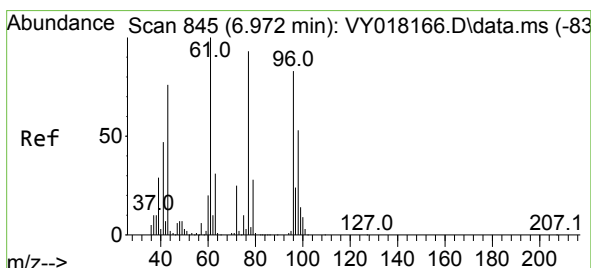
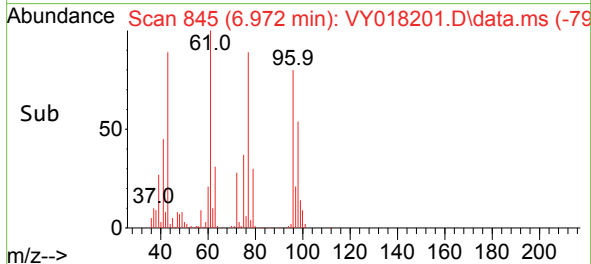
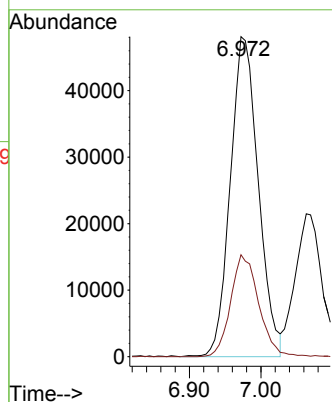
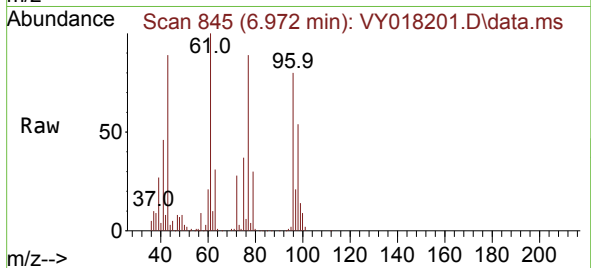




#25
2-Butanone
Concen: 247.254 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

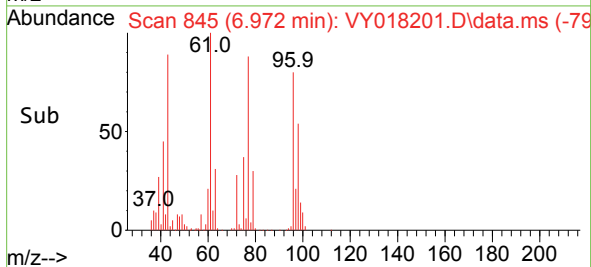
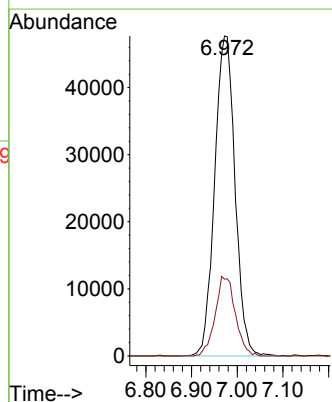
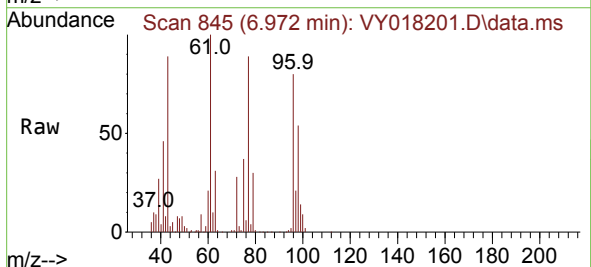
Instrument :
MSVOA_Y
ClientSampleId :

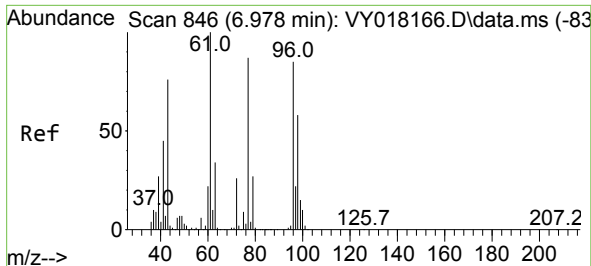
Tgt Ion: 43 Resp: 130962
Ion Ratio Lower Upper
43 100
72 31.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 44.951 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

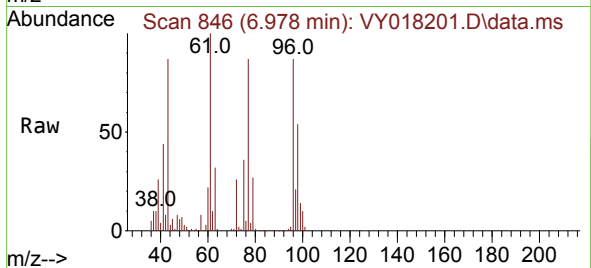
Tgt Ion: 77 Resp: 147601
Ion Ratio Lower Upper
77 100
97 24.5 12.0 36.1



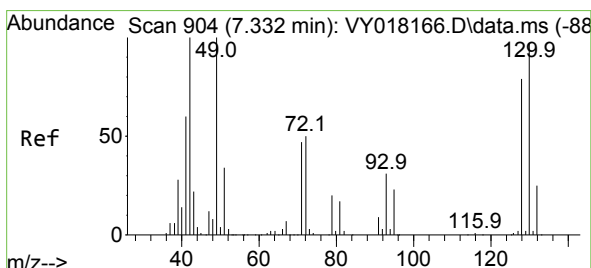
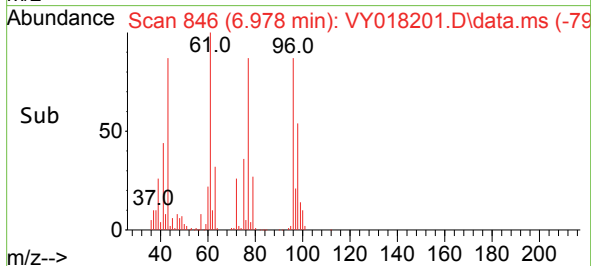
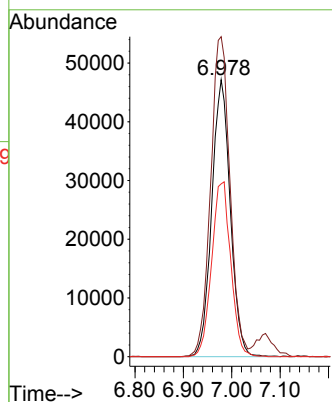


#27
 cis-1,2-Dichloroethene
 Concen: 45.878 ug/l
 RT: 6.978 min Scan# 846
 Delta R.T. 0.000 min
 Lab File: VY018201.D
 Acq: 09 May 2024 10:16

Instrument :
 MSVOA_Y
 ClientSampleId :

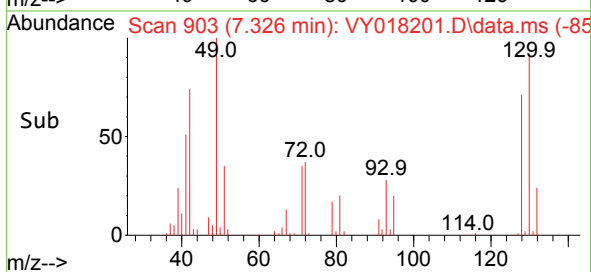
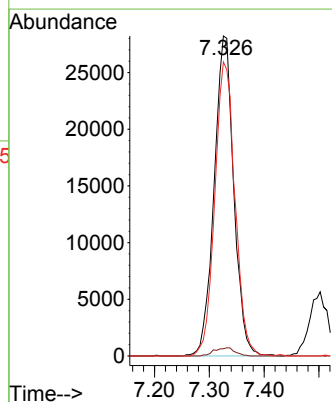
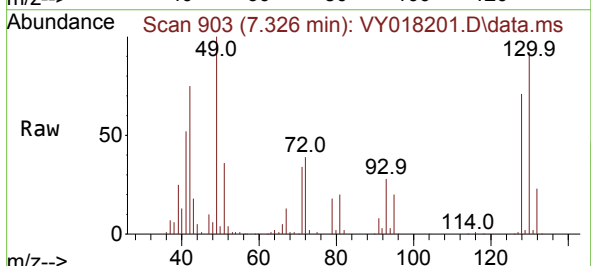


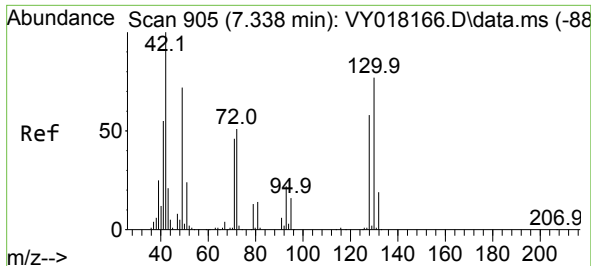
Tgt Ion: 96 Resp: 125446
 Ion Ratio Lower Upper
 96 100
 61 120.7 0.0 256.2
 98 65.1 0.0 130.0



#28
 Bromochloromethane
 Concen: 48.469 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018201.D
 Acq: 09 May 2024 10:16

Tgt Ion: 49 Resp: 70285
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 4.6
 130 94.2 72.7 109.1





#29

Tetrahydrofuran

Concen: 232.833 ug/l

RT: 7.338 min Scan# 905

Delta R.T. 0.000 min

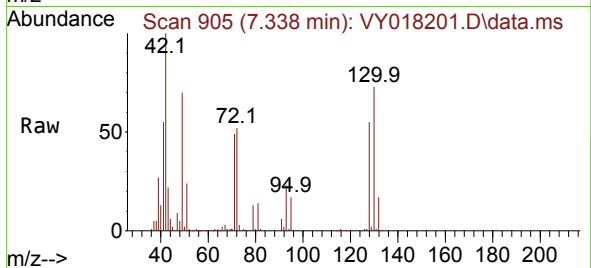
Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :



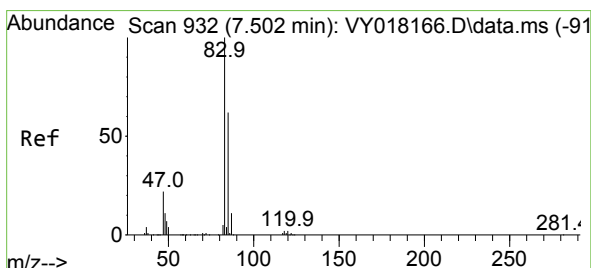
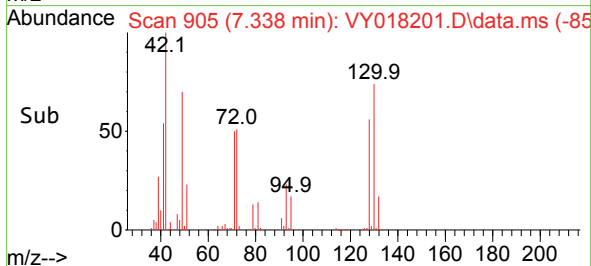
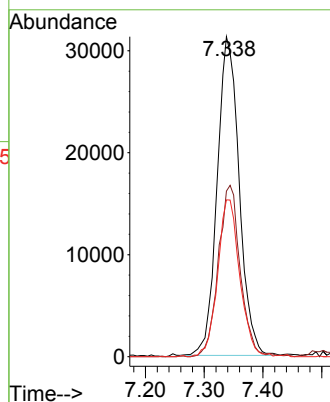
Tgt Ion: 42 Resp: 81405

Ion Ratio Lower Upper

42 100

72 53.7 43.0 64.4

71 49.6 40.8 61.2



#30

Chloroform

Concen: 45.047 ug/l

RT: 7.502 min Scan# 932

Delta R.T. 0.000 min

Lab File: VY018201.D

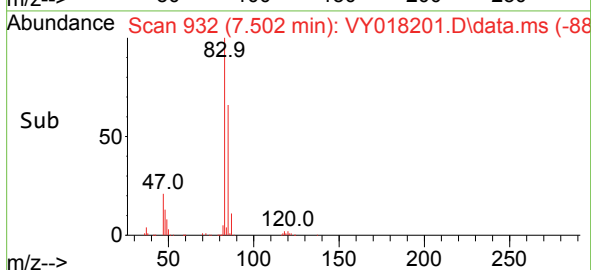
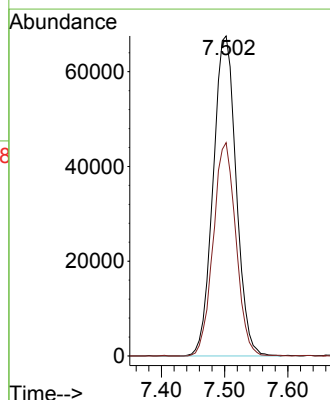
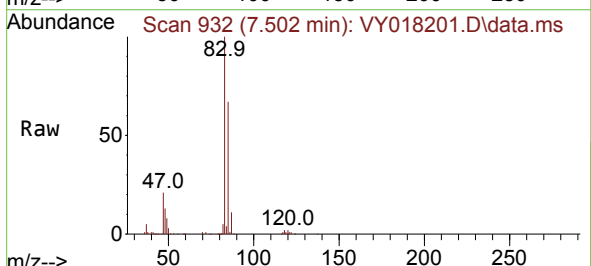
Acq: 09 May 2024 10:16

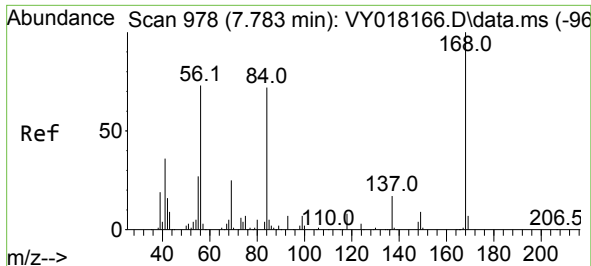
Tgt Ion: 83 Resp: 170617

Ion Ratio Lower Upper

83 100

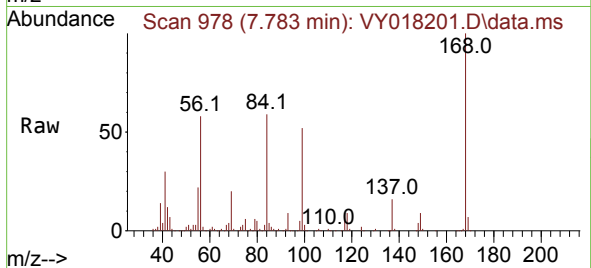
85 66.6 52.2 78.4



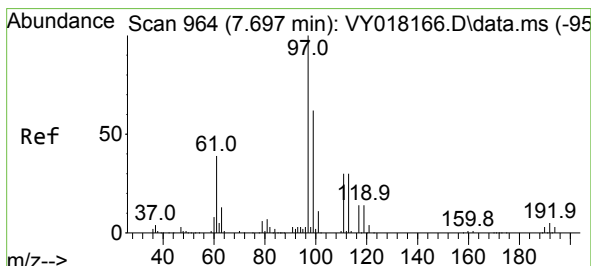
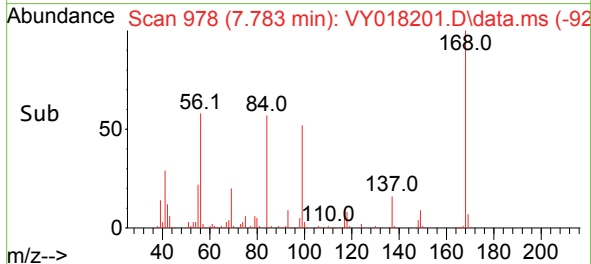
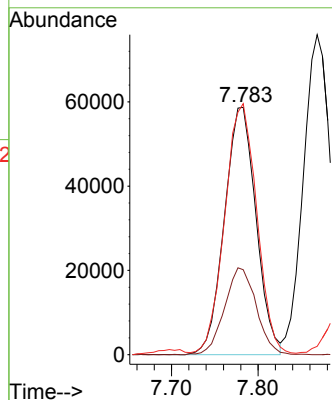


#31
Cyclohexane
Concen: 46.068 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Instrument :
MSVOA_Y
ClientSampleId :

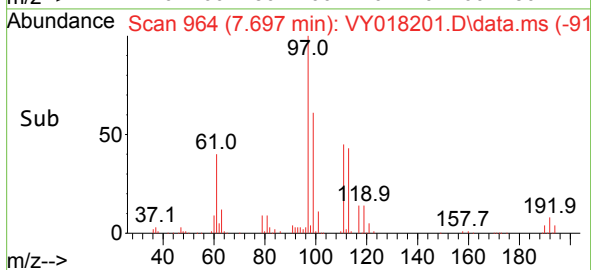
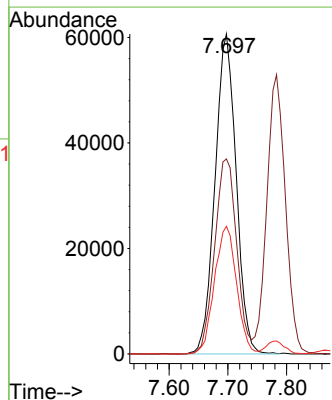
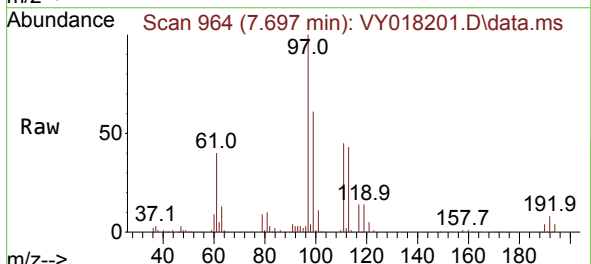


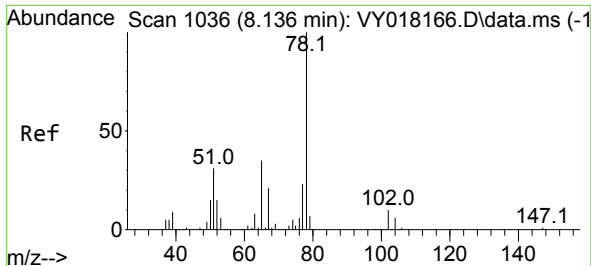
Tgt Ion: 56 Resp: 149352
Ion Ratio Lower Upper
56 100
69 34.4 28.7 43.1
84 99.4 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 44.752 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 97 Resp: 151921
Ion Ratio Lower Upper
97 100
99 63.9 50.3 75.5
61 41.8 32.6 48.8

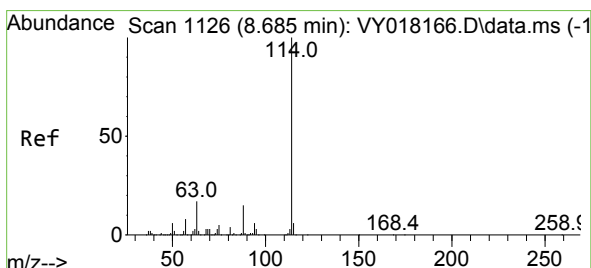
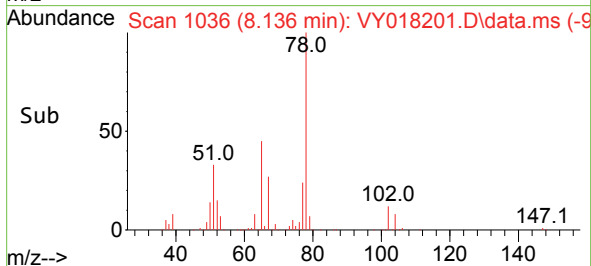
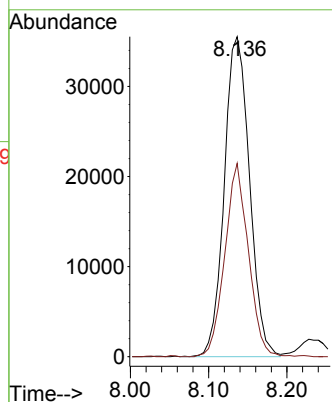
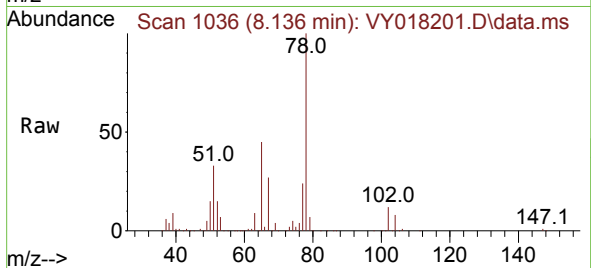




#33
1,2-Dichloroethane-d4
Concen: 47.983 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

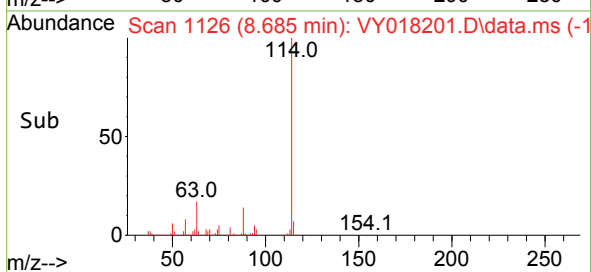
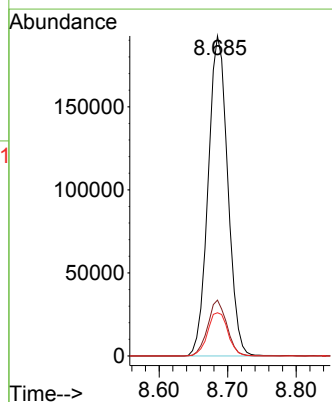
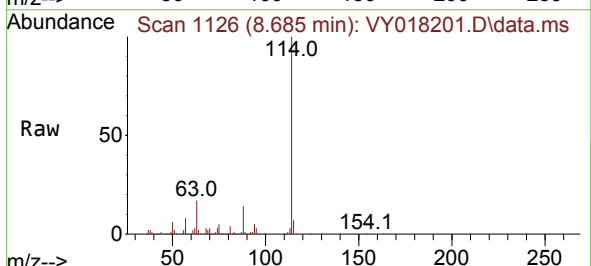
Instrument :
MSVOA_Y
ClientSampleId :

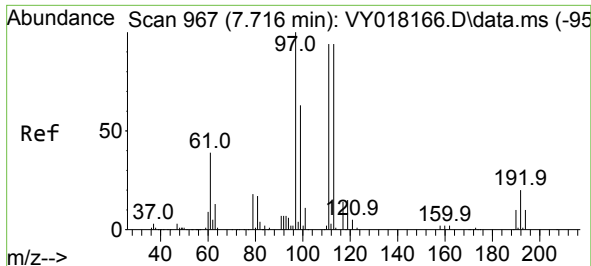
Tgt Ion: 65 Resp: 79672
Ion Ratio Lower Upper
65 100
67 56.3 0.0 109.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 114 Resp: 382938
Ion Ratio Lower Upper
114 100
63 17.4 0.0 35.0
88 13.5 0.0 27.2

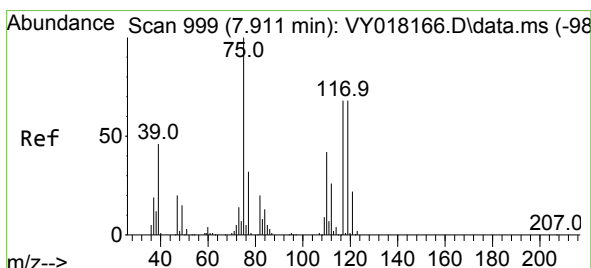
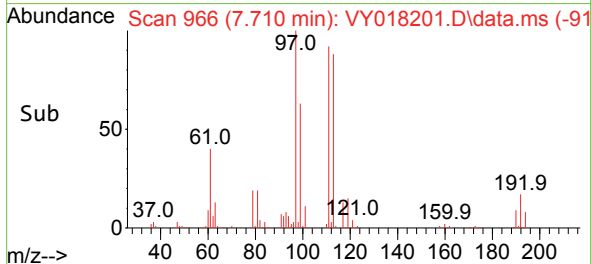
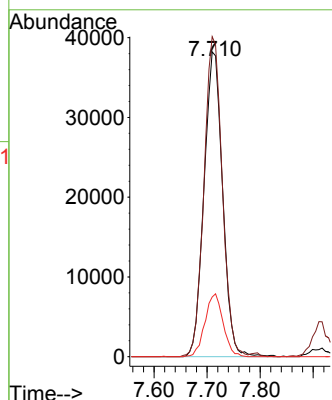
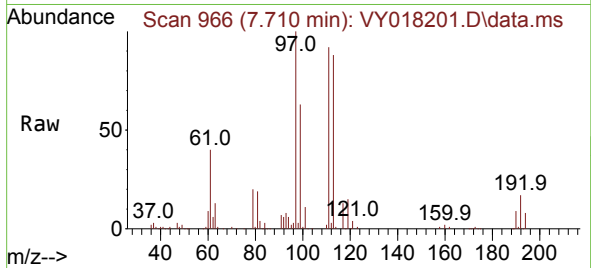




#35
Dibromofluoromethane
Concen: 46.336 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

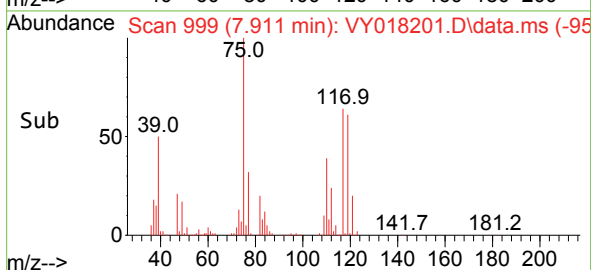
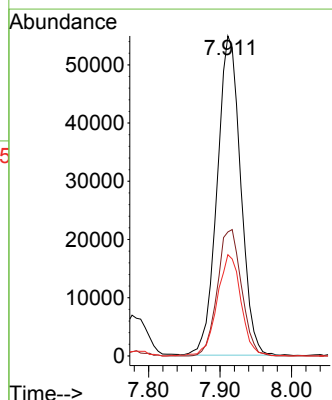
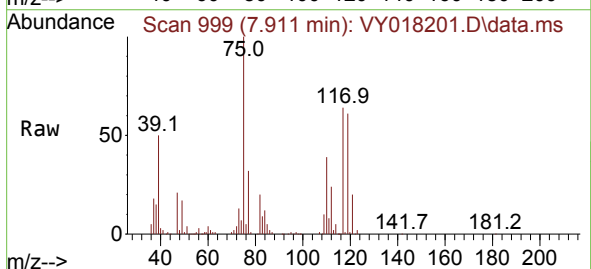
Instrument :
MSVOA_Y
ClientSampleId :

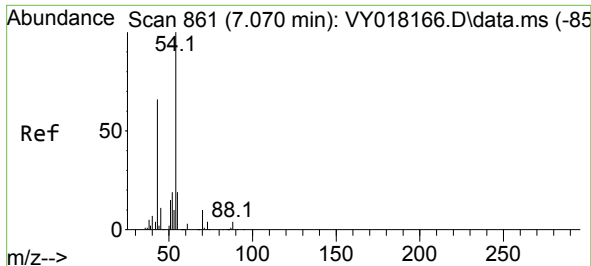
Tgt Ion:113 Resp: 93252
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 20.1 15.9 23.9



#36
1,1-Dichloropropene
Concen: 43.414 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 75 Resp: 125252
Ion Ratio Lower Upper
75 100
110 40.6 19.0 57.0
77 32.4 25.3 37.9





#37

Ethyl Acetate

Concen: 47.377 ug/l

RT: 7.063 min Scan# 8

Delta R.T. -0.006 min

Lab File: VY018201.D

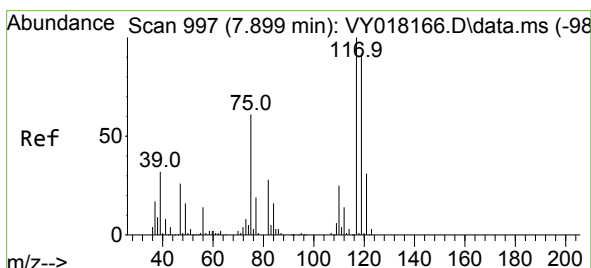
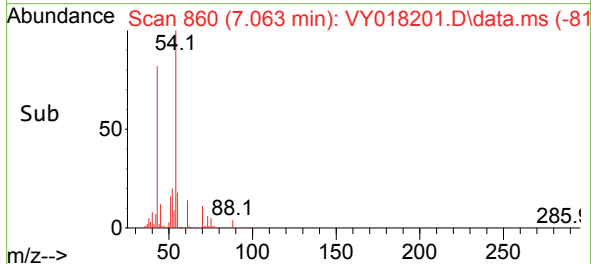
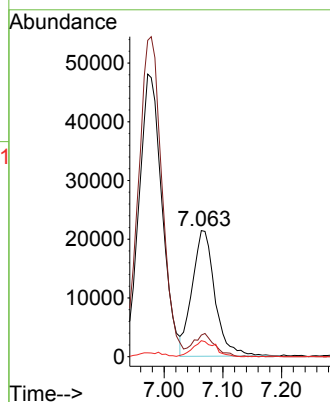
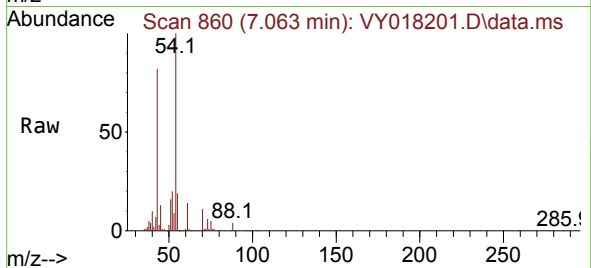
Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 57530
Ion Ratio	Lower Upper
43 100	
61 16.1	12.6 19.0
70 12.5	7.8 11.8



#38

Carbon Tetrachloride

Concen: 42.813 ug/l

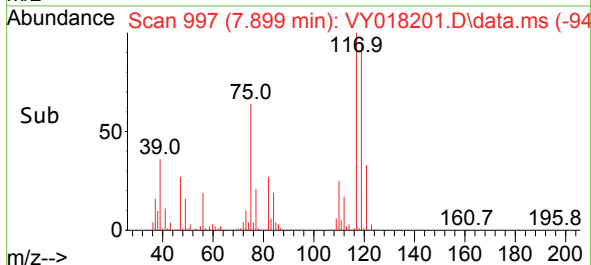
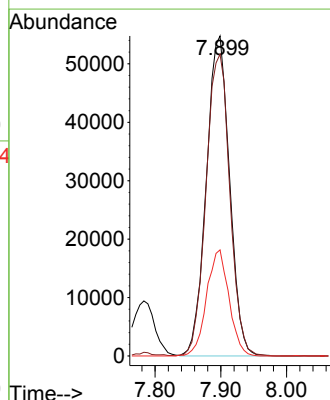
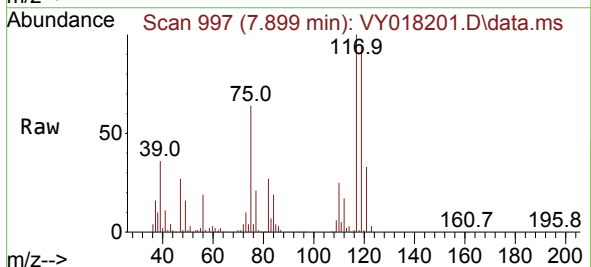
RT: 7.899 min Scan# 997

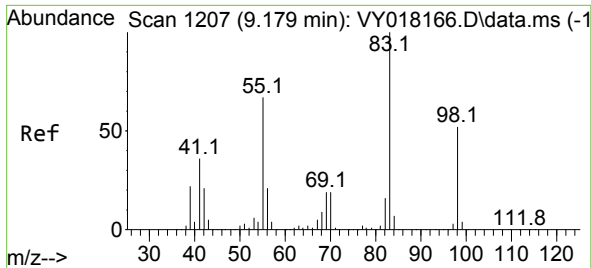
Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Tgt Ion: 117	Resp: 134966
Ion Ratio	Lower Upper
117 100	
119 94.3	75.8 113.6
121 33.2	24.0 36.0

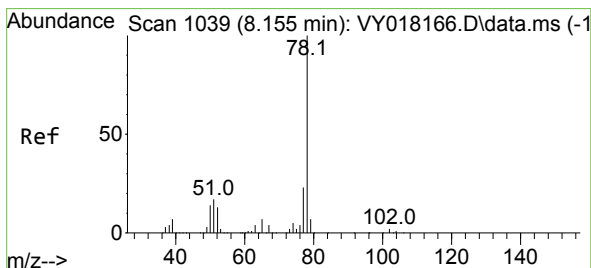
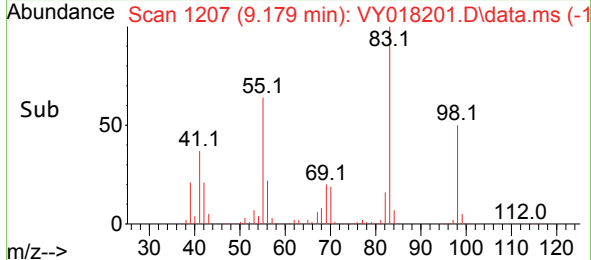
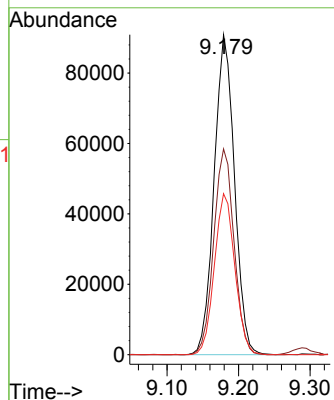
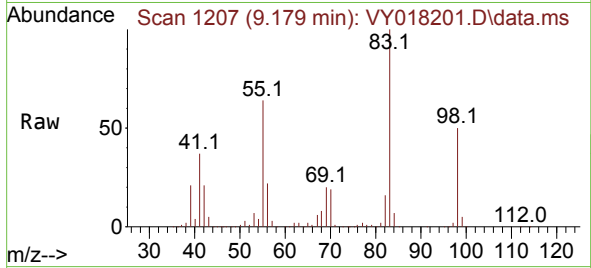




#39
Methylcyclohexane
Concen: 43.118 ug/l
RT: 9.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

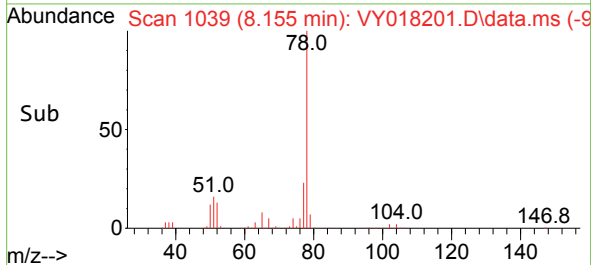
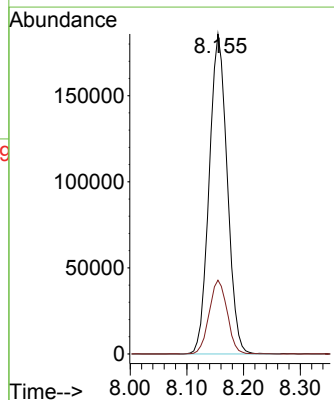
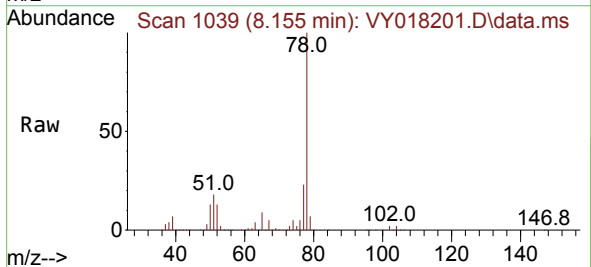
Instrument :
MSVOA_Y
ClientSampleId :

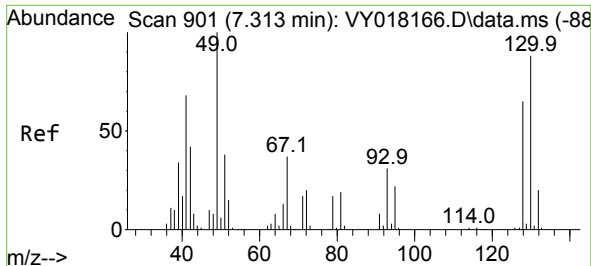
Tgt Ion: 83 Resp: 179465
Ion Ratio Lower Upper
83 100
55 64.3 51.5 77.3
98 50.3 40.5 60.7



#40
Benzene
Concen: 44.193 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

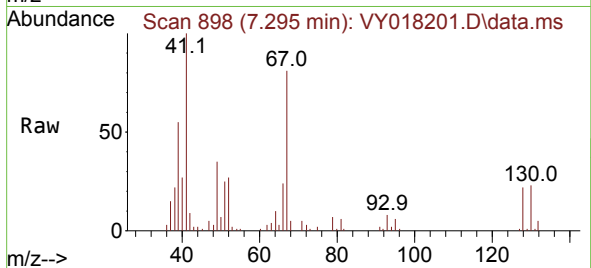
Tgt Ion: 78 Resp: 410120
Ion Ratio Lower Upper
78 100
77 23.0 19.5 29.3



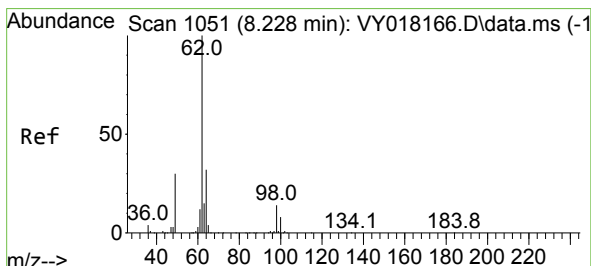
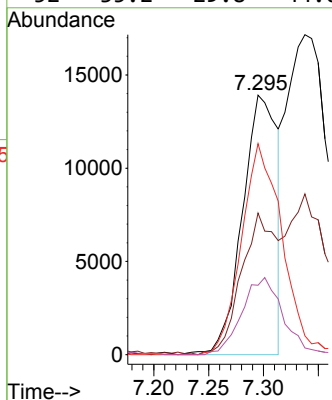
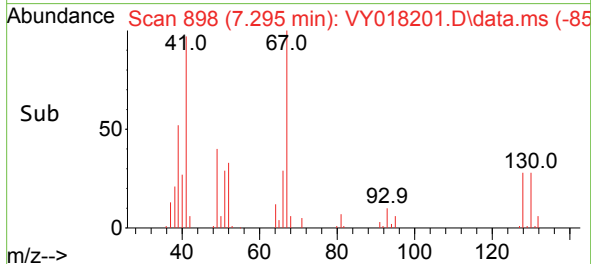


#41
Methacrylonitrile
Concen: 43.934 ug/l
RT: 7.295 min Scan# 898
Delta R.T. -0.018 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

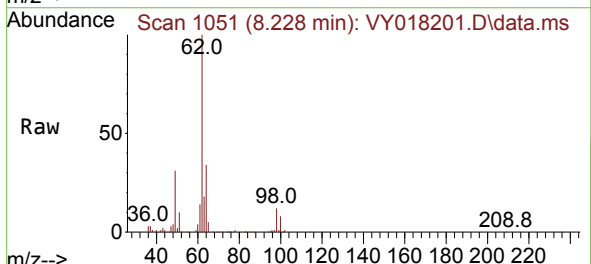
Instrument :
MSVOA_Y
ClientSampleId :



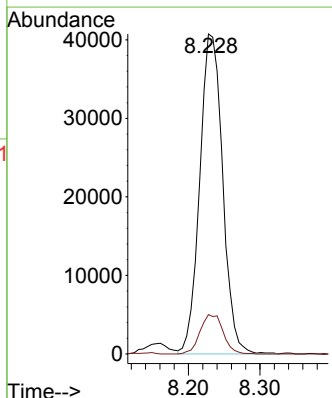
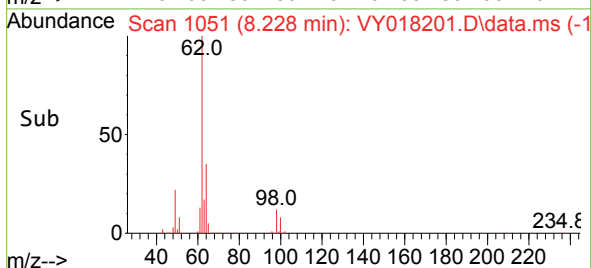
Tgt Ion:	41	Resp:	30807
Ion	Ratio	Lower	Upper
41	100		
39	54.1	48.0	72.0
67	95.8	75.1	112.7
52	35.2	29.8	44.6

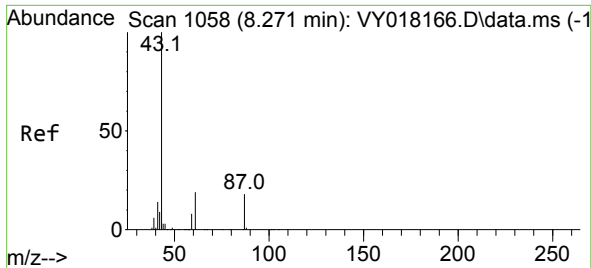


#42
1,2-Dichloroethane
Concen: 44.971 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16



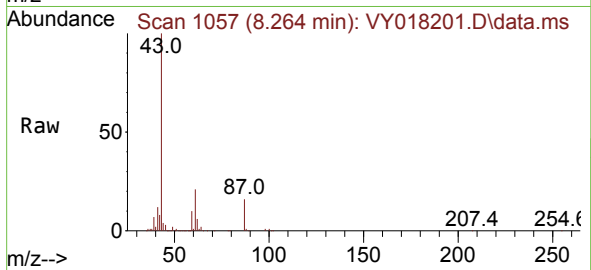
Tgt Ion:	62	Resp:	90804
Ion	Ratio	Lower	Upper
62	100		
98	12.4	0.0	22.0



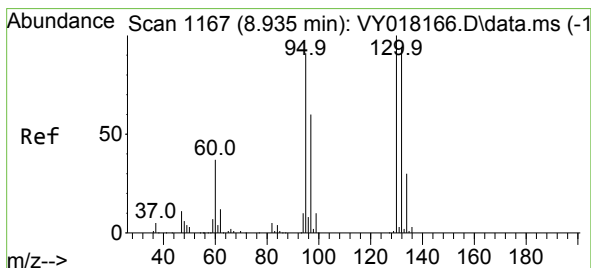
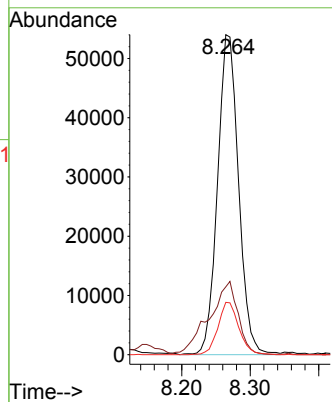
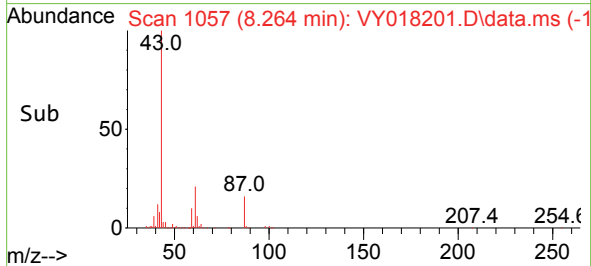


#43
Isopropyl Acetate
Concen: 46.176 ug/l
RT: 8.264 min Scan# 11057
Delta R.T. -0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Instrument :
MSVOA_Y
ClientSampleId :

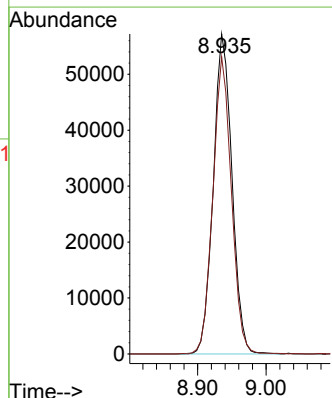
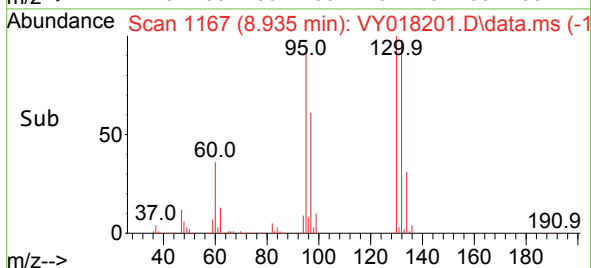
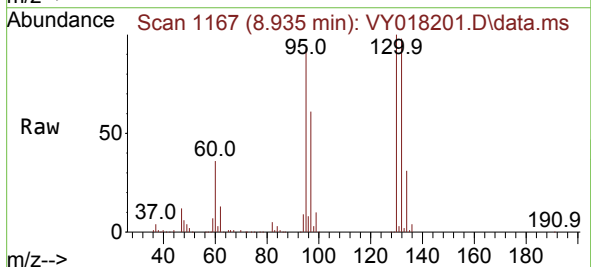


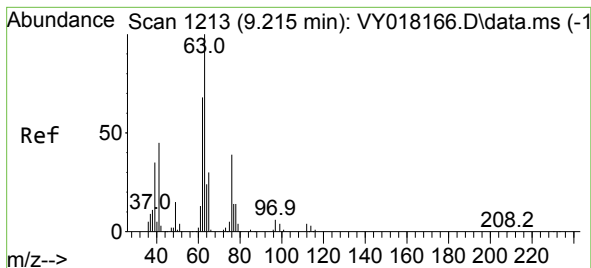
Tgt Ion: 43 Resp: 114933
Ion Ratio Lower Upper
43 100
61 31.4 27.9 41.9
87 16.3 13.1 19.7



#44
Trichloroethene
Concen: 42.841 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion:130 Resp: 108229
Ion Ratio Lower Upper
130 100
95 92.8 0.0 188.0





#45

1,2-Dichloropropane

Concen: 44.269 ug/l

RT: 9.209 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

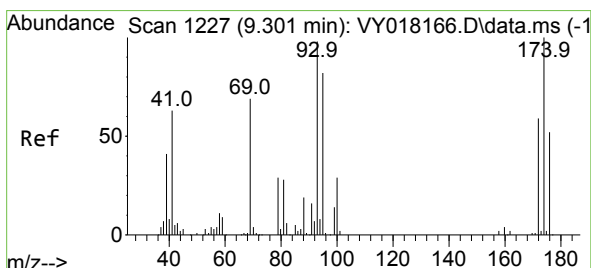
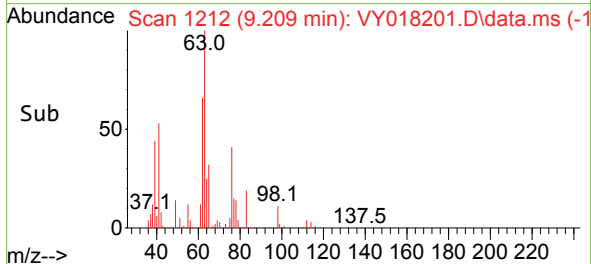
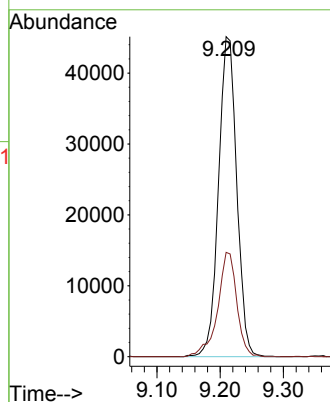
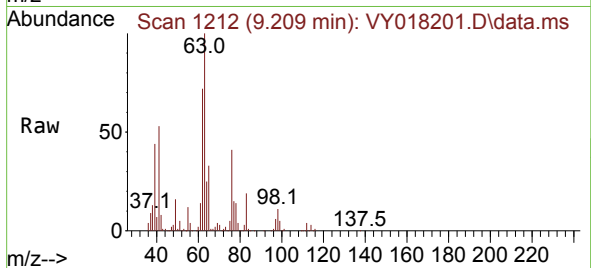
ClientSampleId :

Tgt Ion: 63 Resp: 89817

Ion Ratio Lower Upper

63 100

65 32.6 25.4 38.2



#46

Dibromomethane

Concen: 45.768 ug/l

RT: 9.301 min Scan# 1227

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

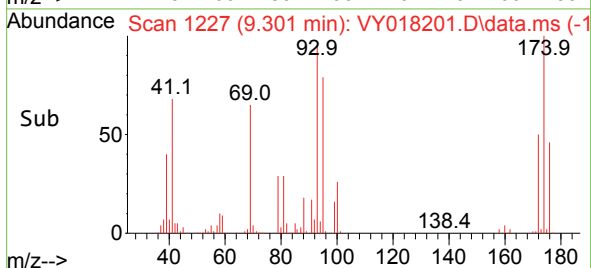
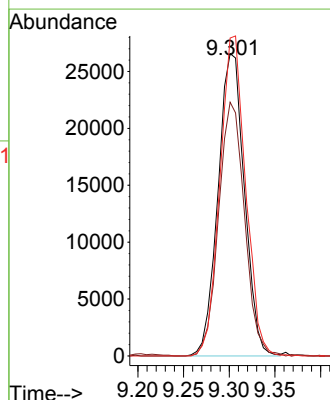
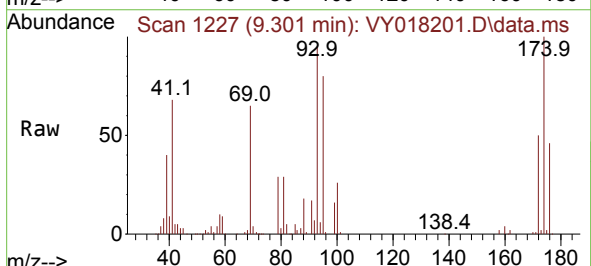
Tgt Ion: 93 Resp: 53382

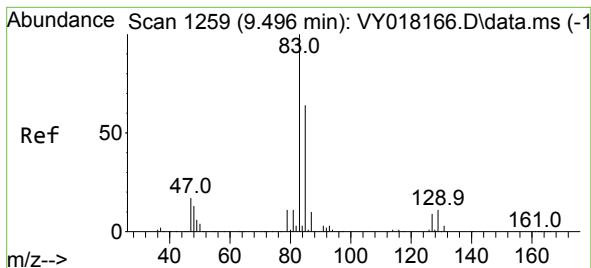
Ion Ratio Lower Upper

93 100

95 82.5 66.2 99.4

174 103.0 80.9 121.3





#47

Bromodichloromethane

Concen: 44.737 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.000 min

Lab File: VY018201.D

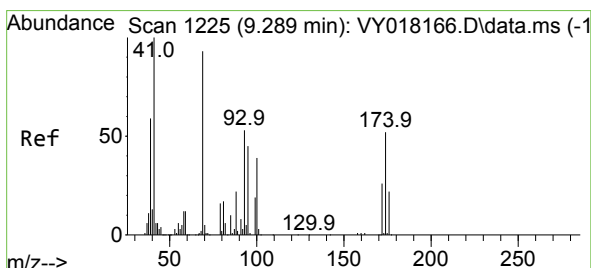
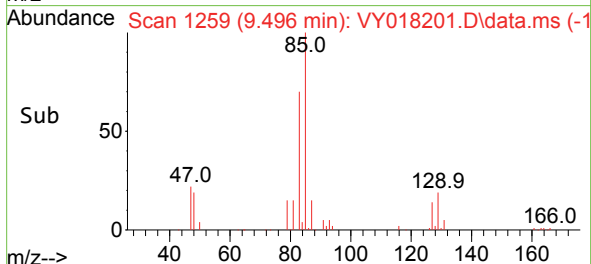
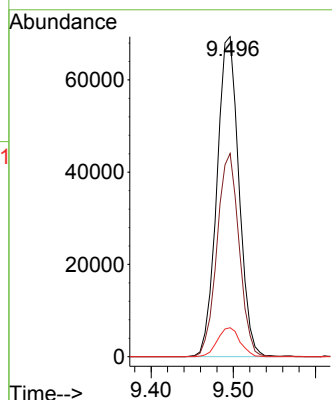
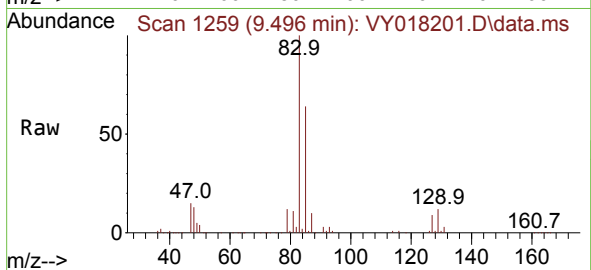
Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	83	Resp:	128999
Ion	Ratio	Lower	Upper
83	100		
85	63.5	50.1	75.1
127	9.1	7.4	11.0



#48

Methyl methacrylate

Concen: 45.691 ug/l

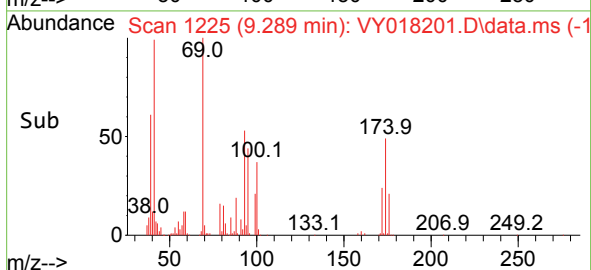
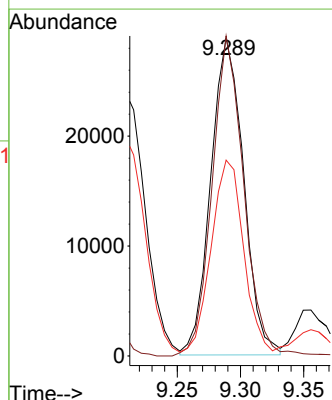
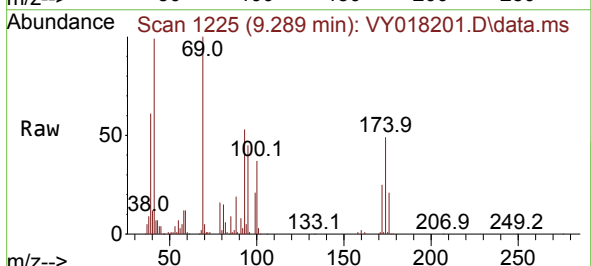
RT: 9.289 min Scan# 1225

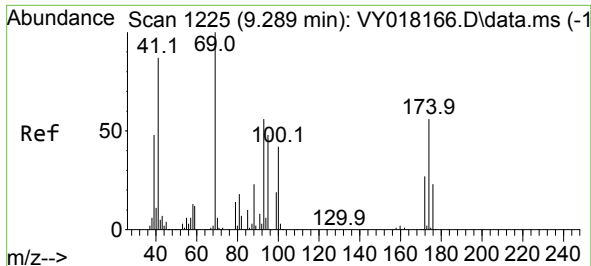
Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Tgt Ion:	41	Resp:	52122
Ion	Ratio	Lower	Upper
41	100		
69	97.3	84.1	126.1
39	59.6	43.6	65.4

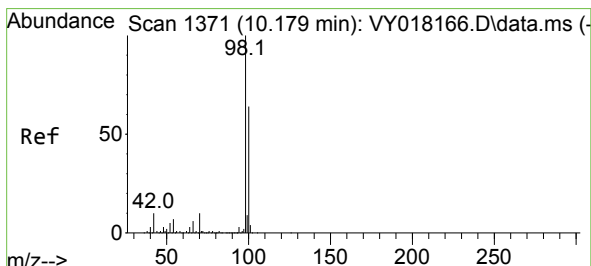
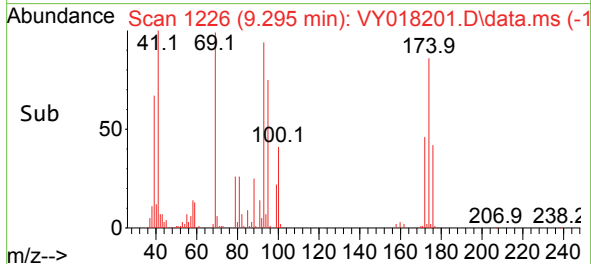
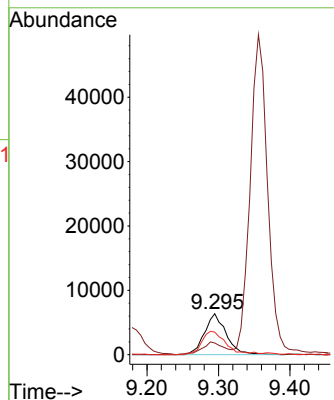
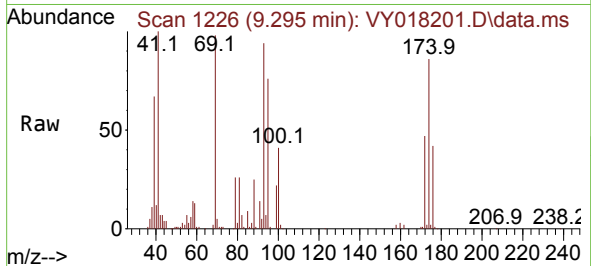




#49
1,4-Dioxane
Concen: 864.546 ug/l
RT: 9.295 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

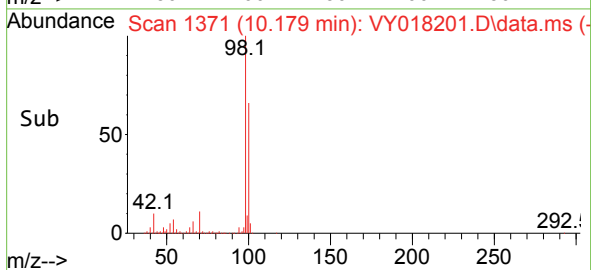
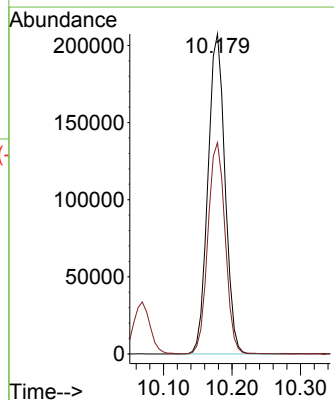
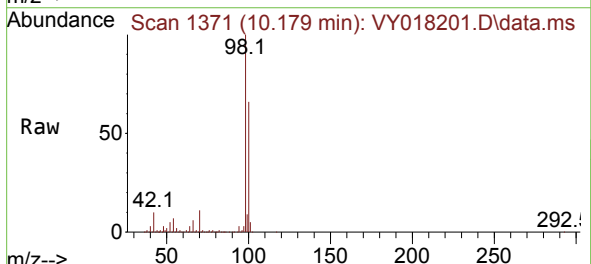
Instrument :
MSVOA_Y
ClientSampleId :

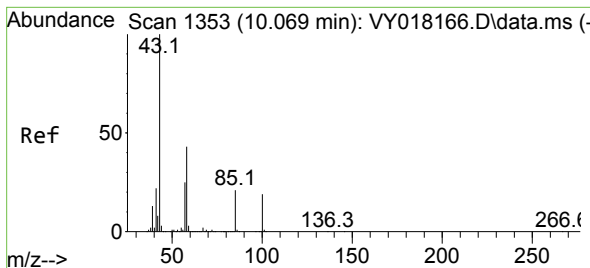
Tgt Ion: 88 Resp: 13385
Ion Ratio Lower Upper
88 100
43 32.0 0.0 0.0#
58 61.8 49.3 73.9



#50
Toluene-d8
Concen: 45.310 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 98 Resp: 359333
Ion Ratio Lower Upper
98 100
100 66.8 52.0 78.0

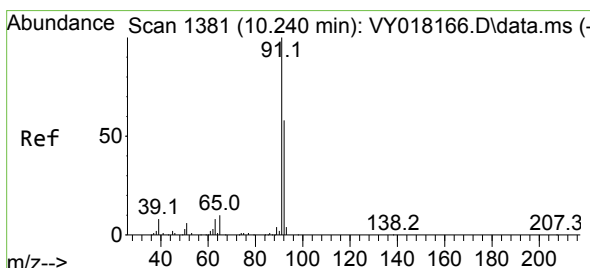
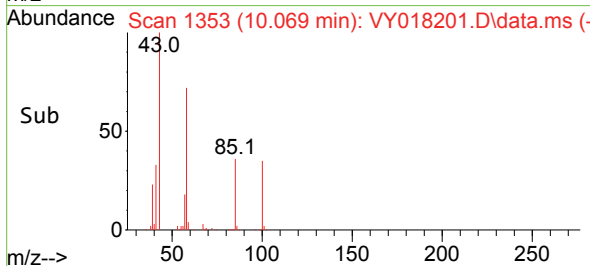
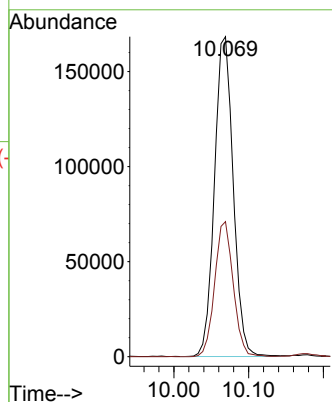
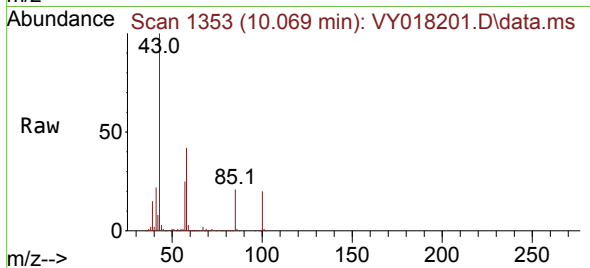




#51
4-Methyl-2-Pentanone
Concen: 234.750 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

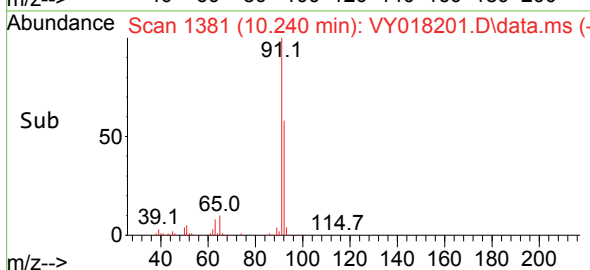
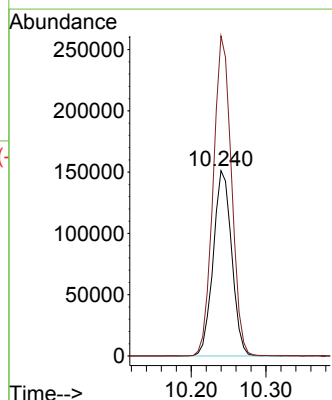
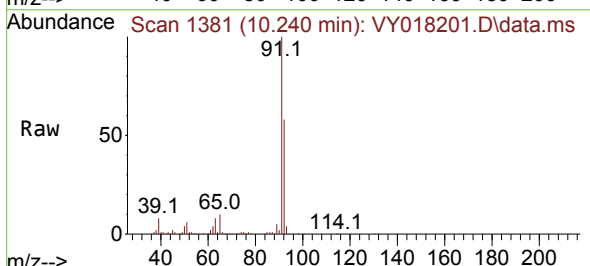
Instrument :
MSVOA_Y
ClientSampleId :

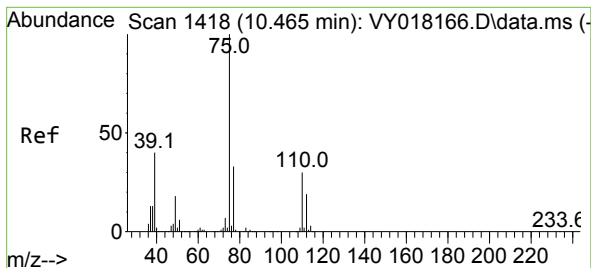
Tgt Ion: 43 Resp: 293670
Ion Ratio Lower Upper
43 100
58 41.8 35.7 53.5



#52
Toluene
Concen: 43.435 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 92 Resp: 259495
Ion Ratio Lower Upper
92 100
91 171.1 139.0 208.6

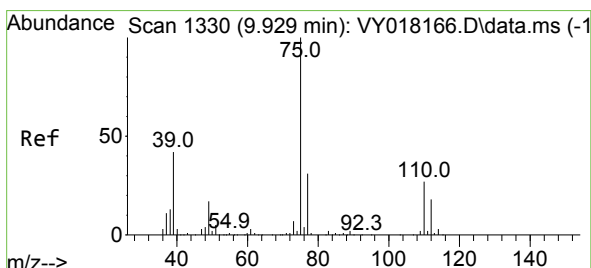
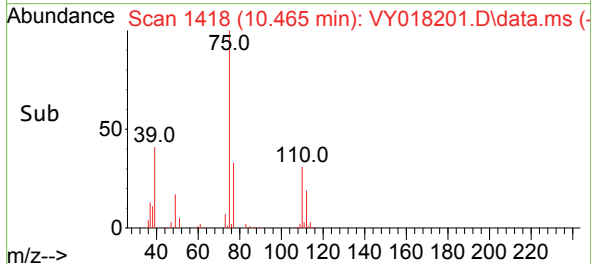
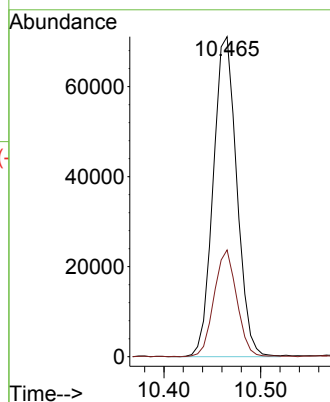
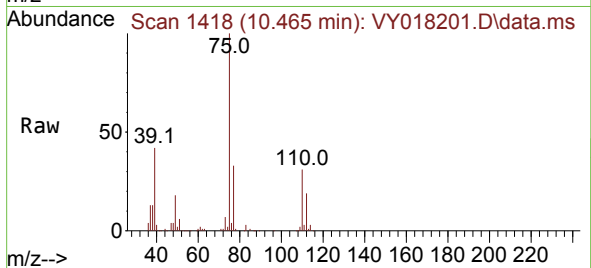




#53
t-1,3-Dichloropropene
Concen: 44.722 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

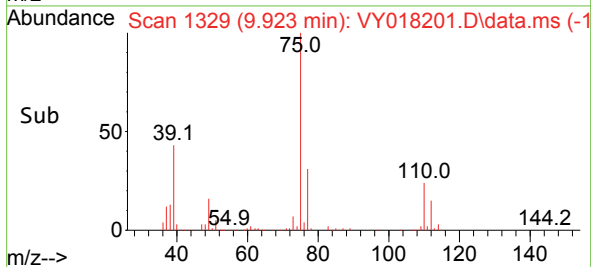
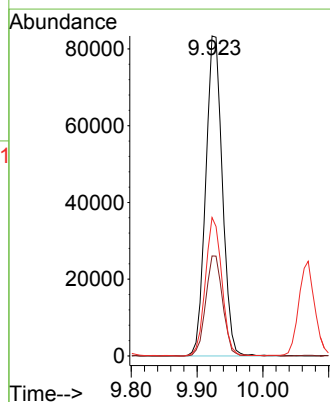
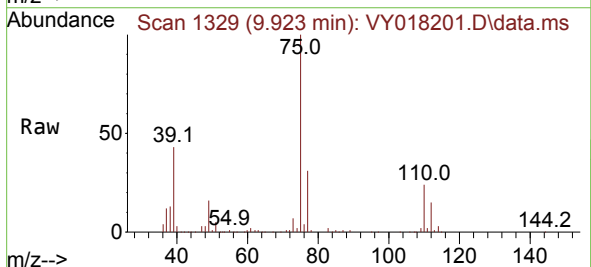
Instrument :
MSVOA_Y
ClientSampleId :

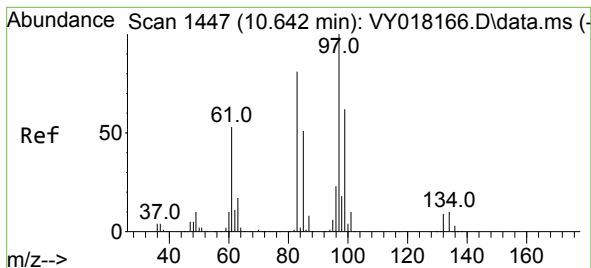
Tgt Ion: 75 Resp: 120451
Ion Ratio Lower Upper
75 100
77 33.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 44.611 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 75 Resp: 146873
Ion Ratio Lower Upper
75 100
77 31.2 25.4 38.0
39 43.2 29.8 44.6

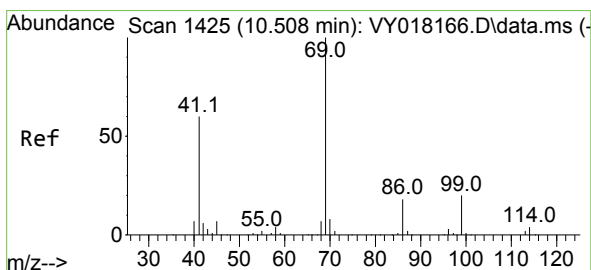
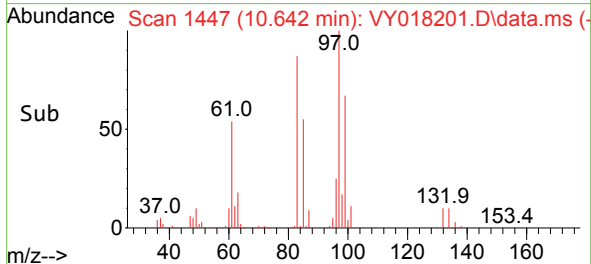
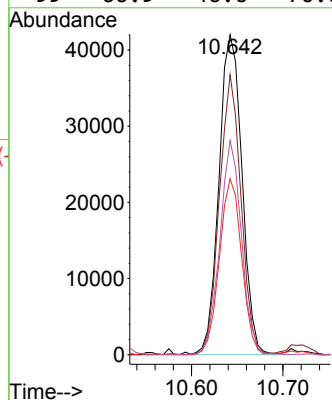
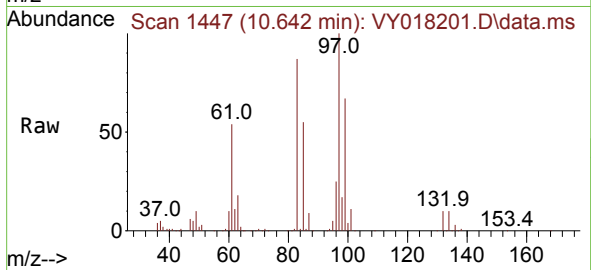




#55
1,1,2-Trichloroethane
Concen: 45.998 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

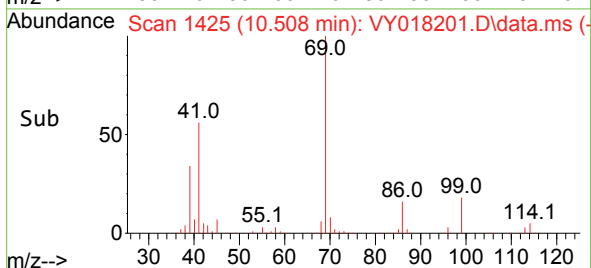
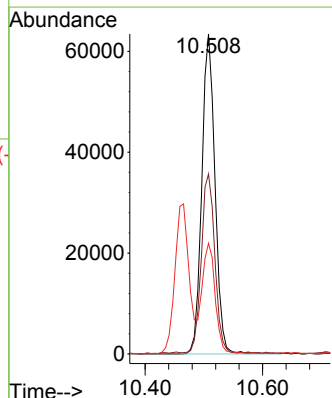
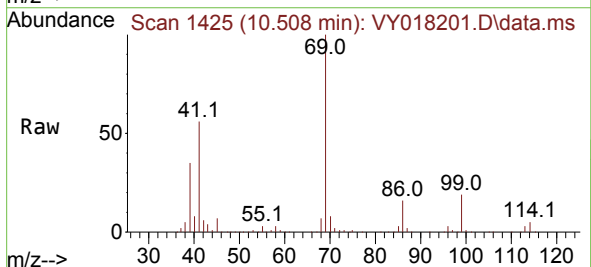
Instrument :
MSVOA_Y
ClientSampleId :

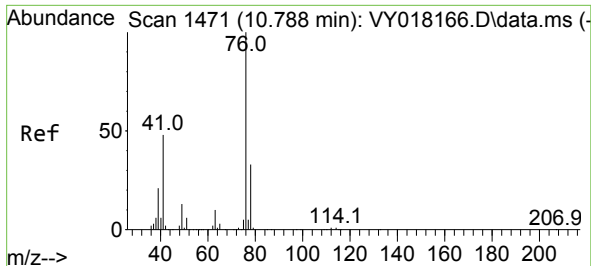
Tgt Ion: 97	Resp: 73701
Ion Ratio	Lower Upper
97 100	
83 87.5	67.5 101.3
85 54.8	42.9 64.3
99 66.9	46.6 70.0



#56
Ethyl methacrylate
Concen: 45.590 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 69	Resp: 99209
Ion Ratio	Lower Upper
69 100	
41 57.2	42.3 63.5
39 32.8	22.9 34.3





#57

1,3-Dichloropropane

Concen: 44.850 ug/l

RT: 10.788 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

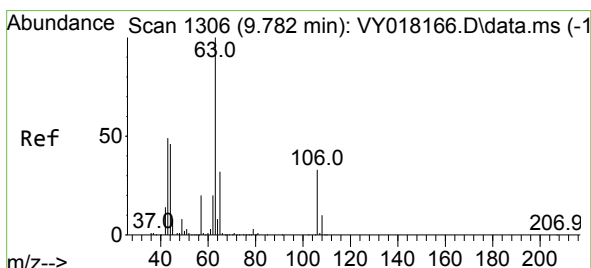
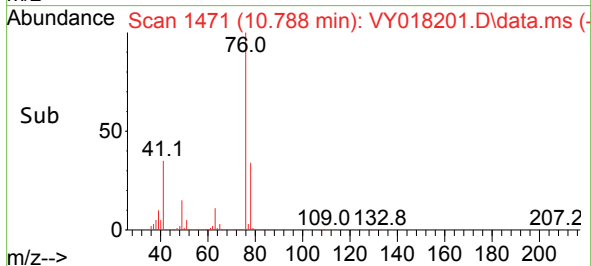
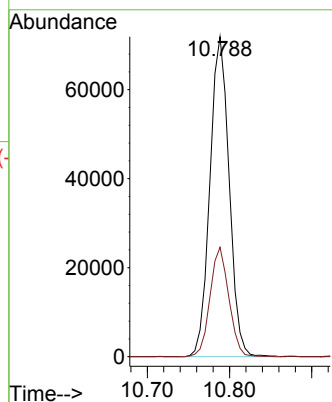
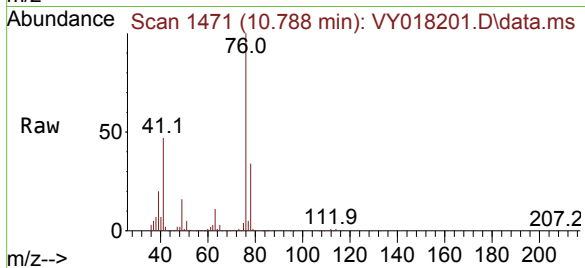
ClientSampleId :

Tgt Ion: 76 Resp: 116955

Ion Ratio Lower Upper

76 100

78 33.4 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 279.252 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. -0.006 min

Lab File: VY018201.D

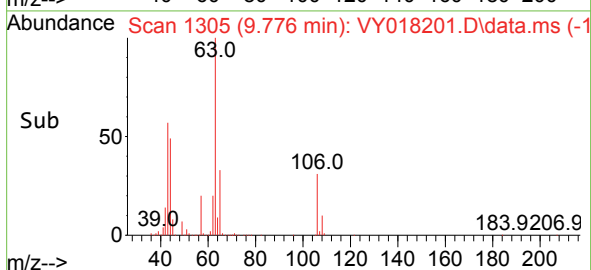
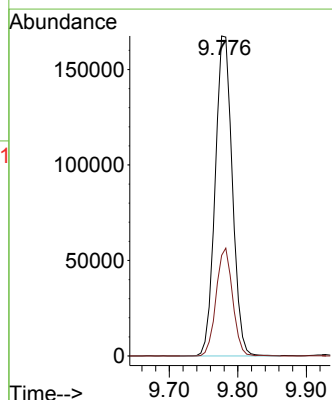
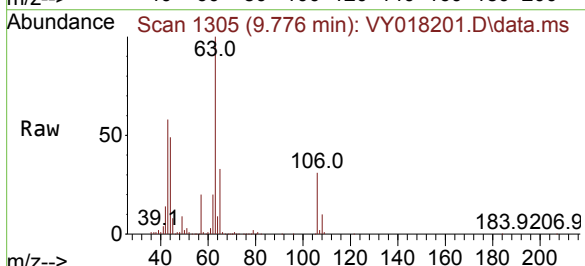
Acq: 09 May 2024 10:16

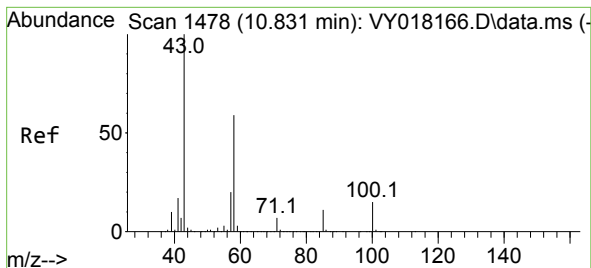
Tgt Ion: 63 Resp: 290170

Ion Ratio Lower Upper

63 100

106 32.4 23.7 35.5

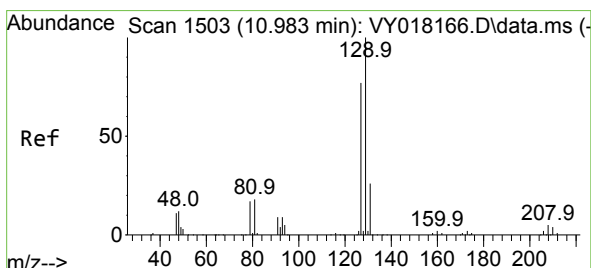
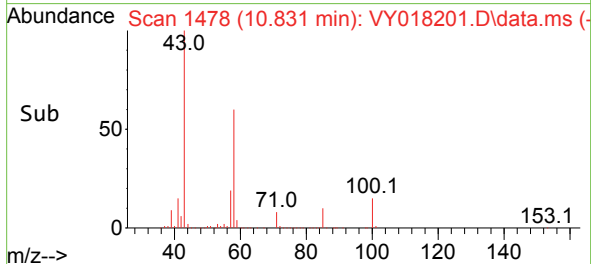
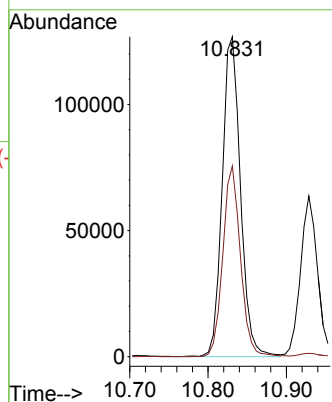
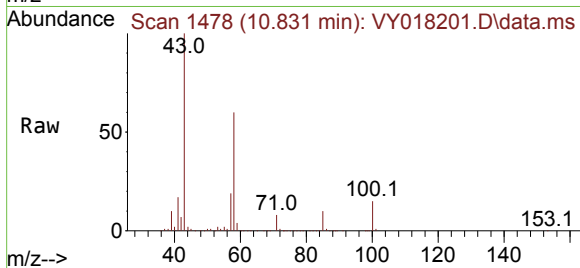




#59
2-Hexanone
Concen: 235.350 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

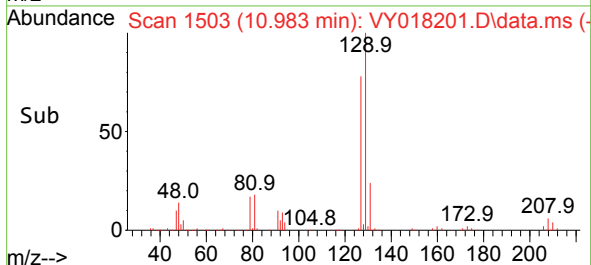
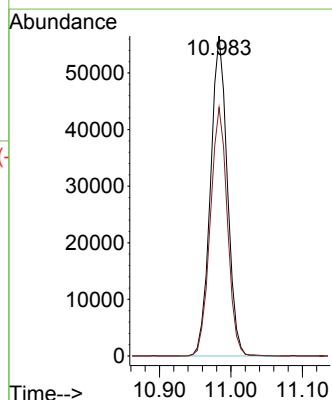
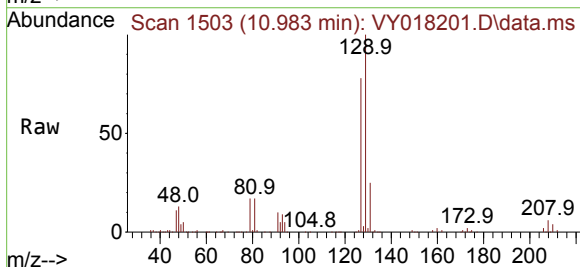
Instrument :
MSVOA_Y
ClientSampleId :

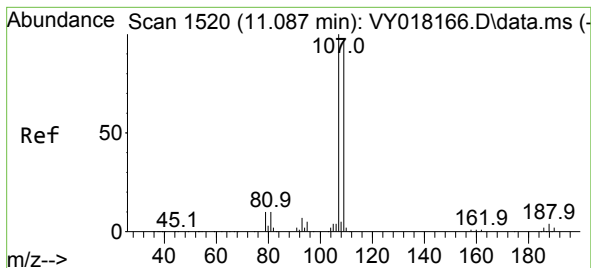
Tgt Ion: 43 Resp: 205861
Ion Ratio Lower Upper
43 100
58 57.7 31.4 94.0



#60
Dibromochloromethane
Concen: 44.364 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion:129 Resp: 92225
Ion Ratio Lower Upper
129 100
127 78.8 39.0 117.0





#61

1,2-Dibromoethane

Concen: 44.619 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

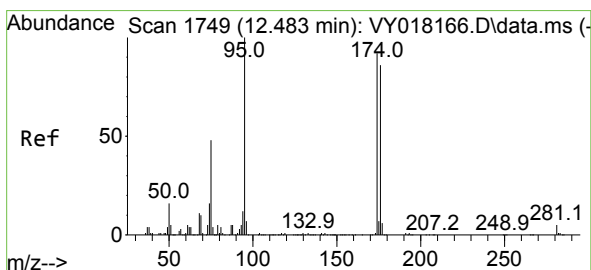
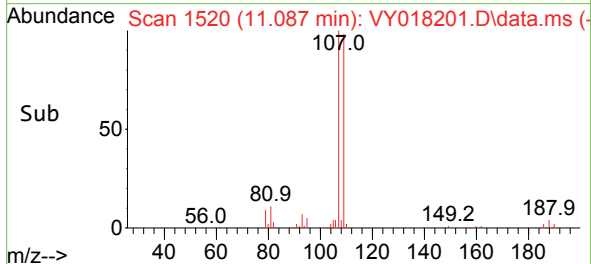
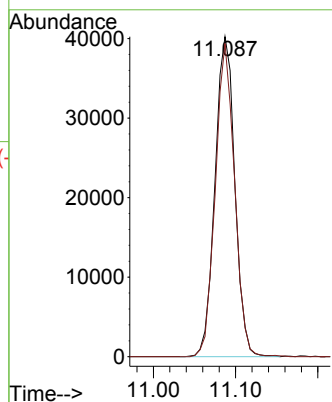
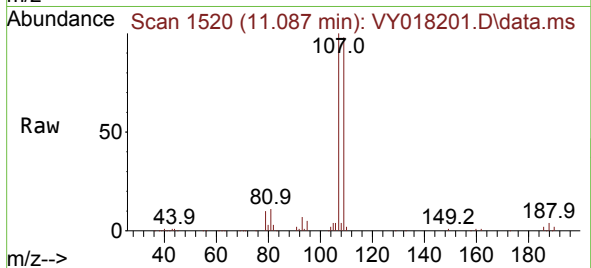
ClientSampleId :

Tgt Ion:107 Resp: 67338

Ion Ratio Lower Upper

107 100

109 95.1 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 44.048 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

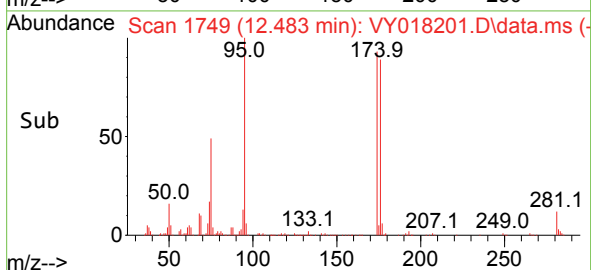
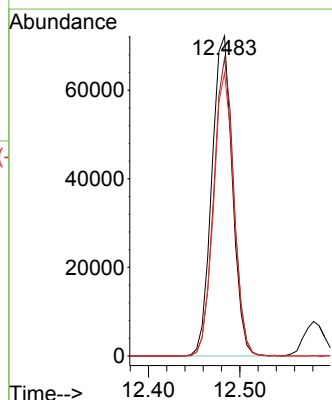
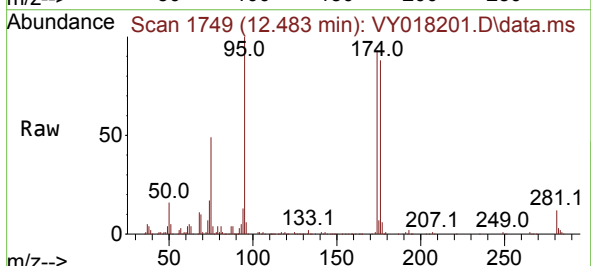
Tgt Ion: 95 Resp: 112812

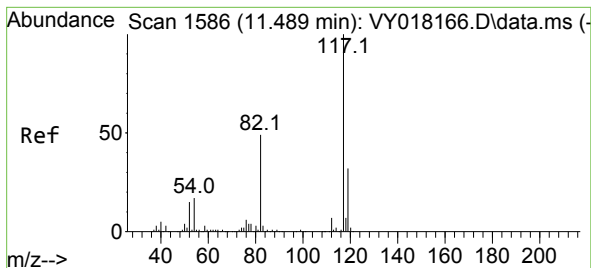
Ion Ratio Lower Upper

95 100

174 91.2 0.0 175.6

176 87.8 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

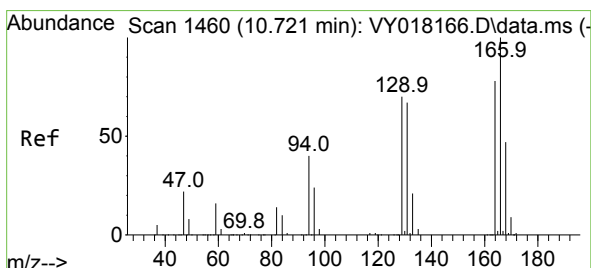
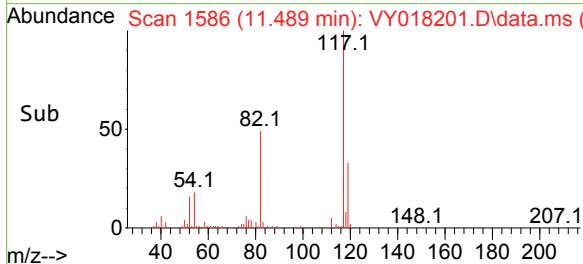
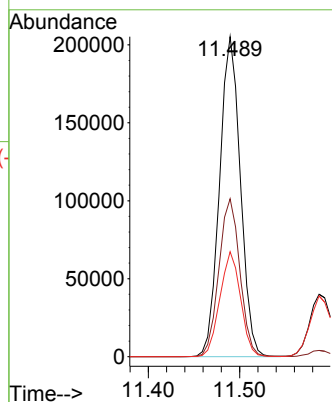
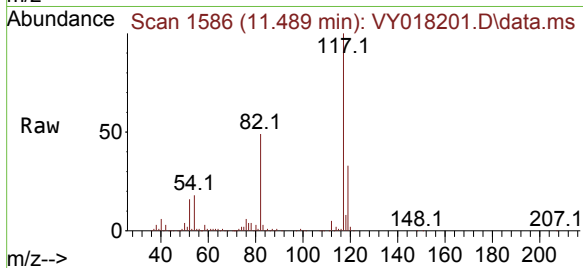
Tgt Ion:117 Resp: 325549

Ion Ratio Lower Upper

117 100

82 49.3 42.4 63.6

119 32.8 25.9 38.9



#64

Tetrachloroethene

Concen: 42.366 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Tgt Ion:164 Resp: 91829

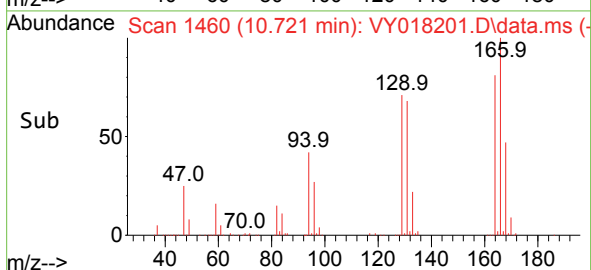
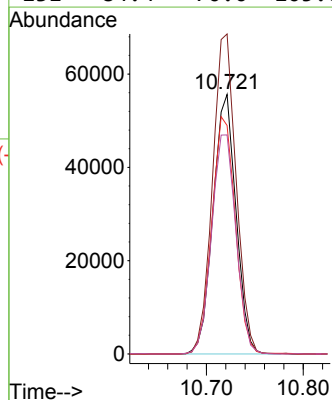
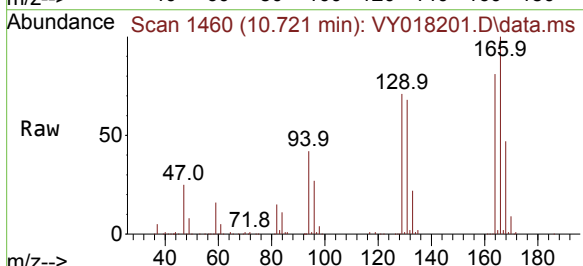
Ion Ratio Lower Upper

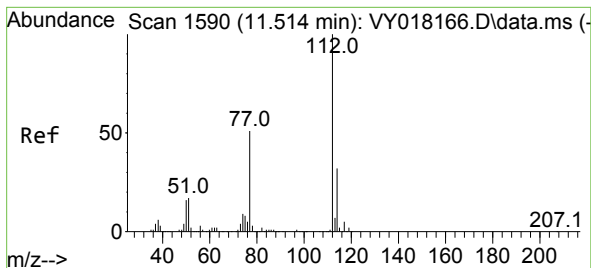
164 100

166 123.3 102.6 154.0

129 88.0 72.0 108.0

131 84.4 70.0 105.0

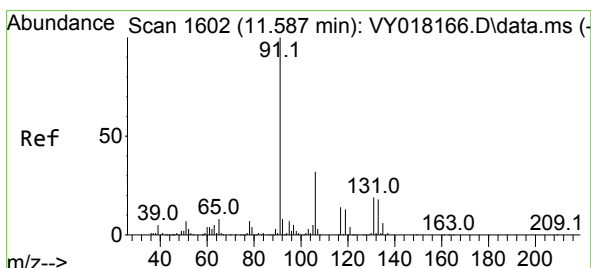
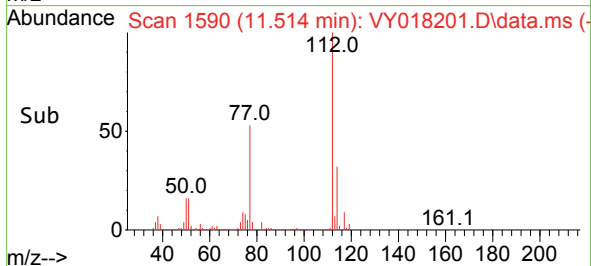
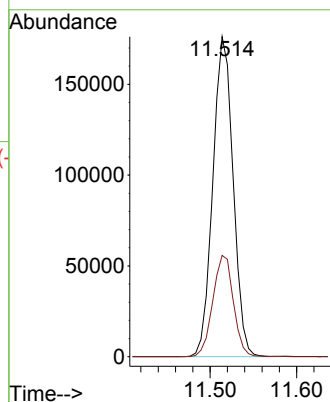
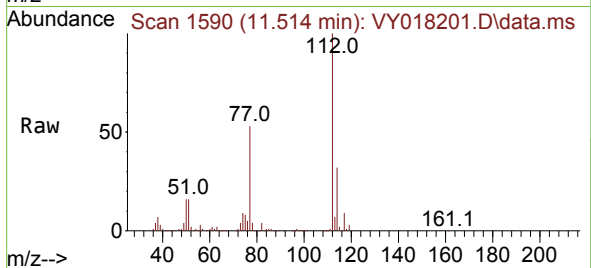




#65
Chlorobenzene
Concen: 43.234 ug/l
RT: 11.514 min Scan# 11590
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

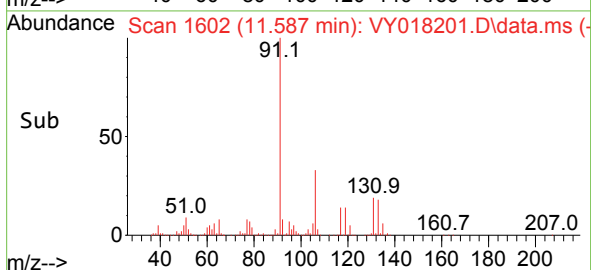
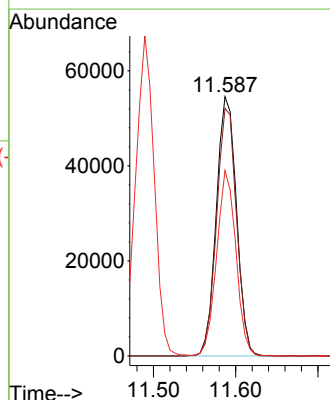
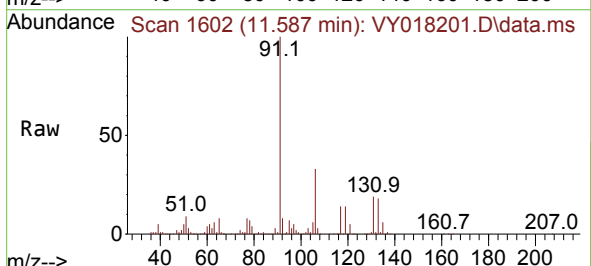
Instrument :
MSVOA_Y
ClientSampleId :

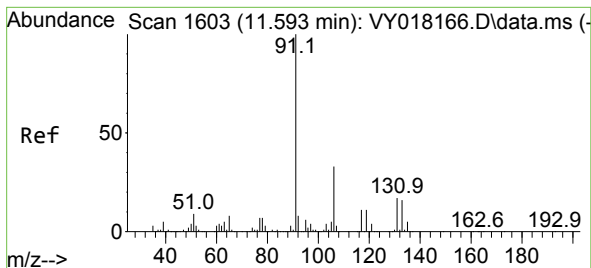
Tgt Ion:112 Resp: 286660
Ion Ratio Lower Upper
112 100
114 31.6 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 43.406 ug/l
RT: 11.587 min Scan# 1602
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion:131 Resp: 93092
Ion Ratio Lower Upper
131 100
133 94.8 47.8 143.3
119 68.1 34.1 102.2





#67

Ethyl Benzene

Concen: 43.283 ug/l

RT: 11.593 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

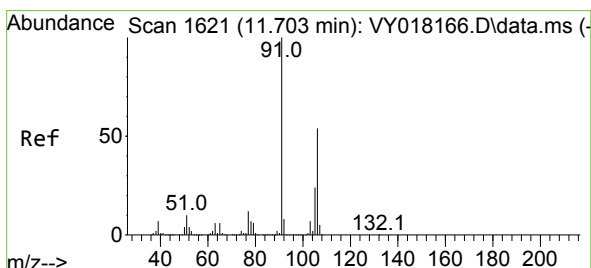
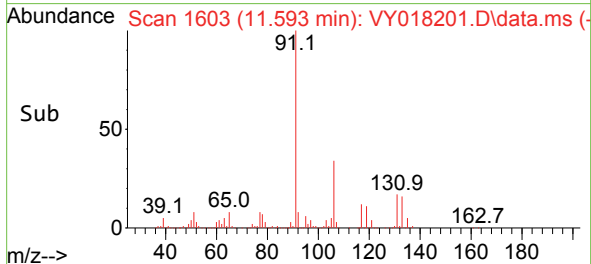
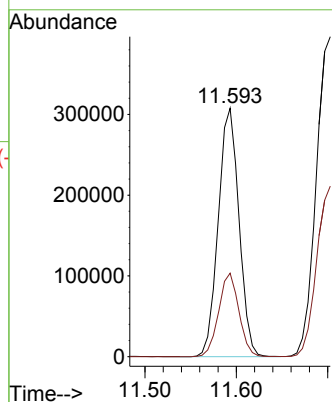
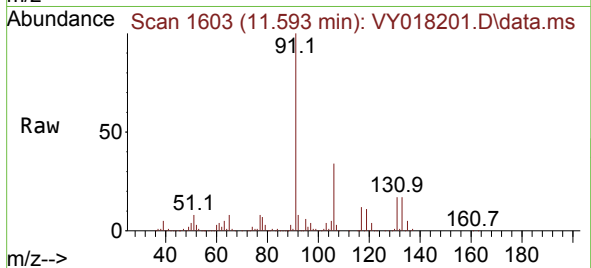
ClientSampleId :

Tgt Ion: 91 Resp: 484550

Ion Ratio Lower Upper

91 100

106 33.6 24.5 36.7



#68

m/p-Xylenes

Concen: 86.019 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.000 min

Lab File: VY018201.D

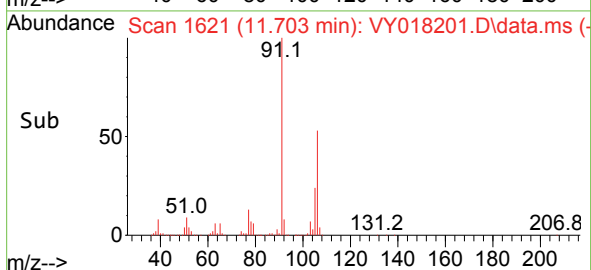
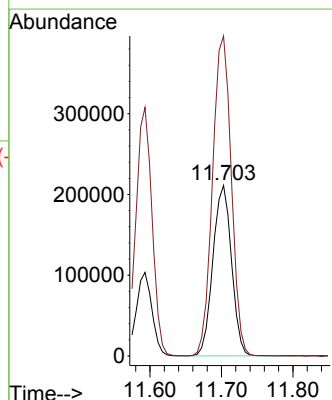
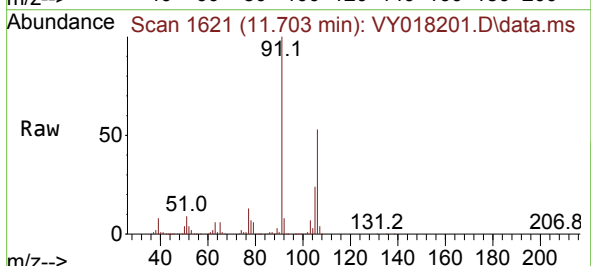
Acq: 09 May 2024 10:16

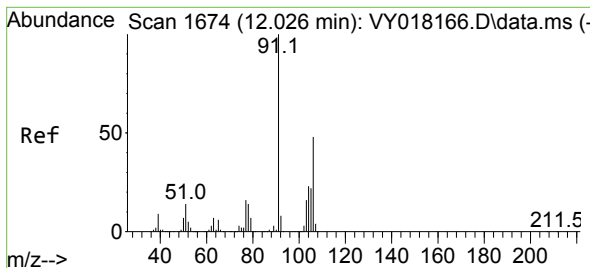
Tgt Ion:106 Resp: 380814

Ion Ratio Lower Upper

106 100

91 189.6 156.0 234.0

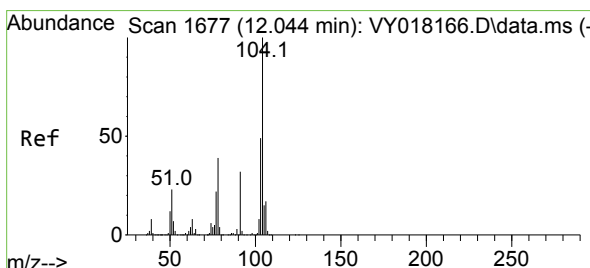
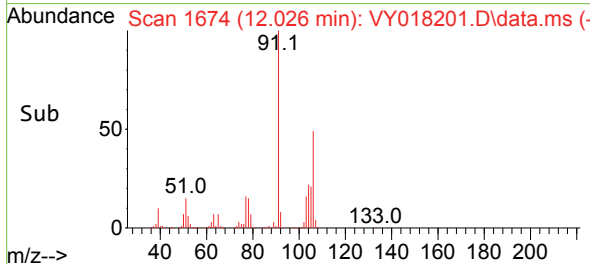
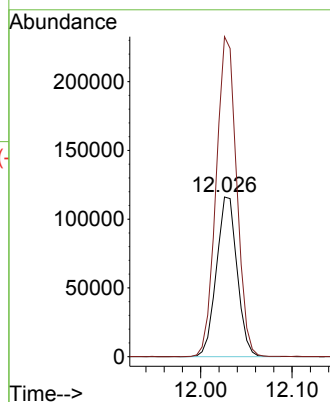
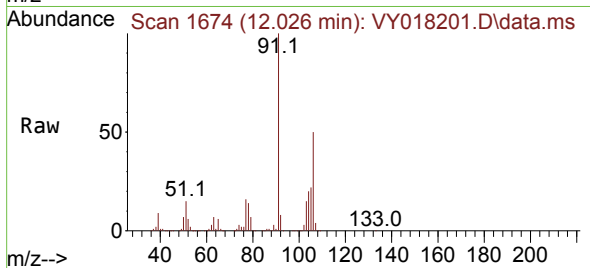




#69
o-Xylene
Concen: 43.062 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

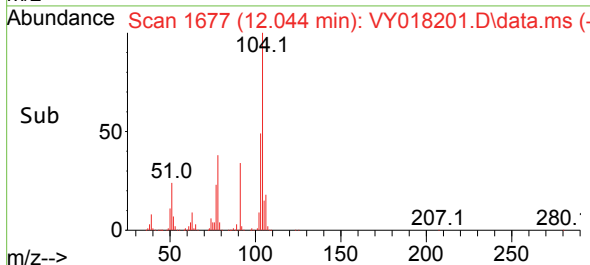
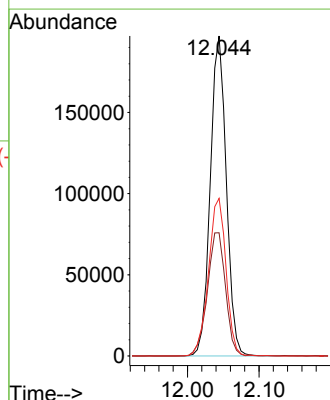
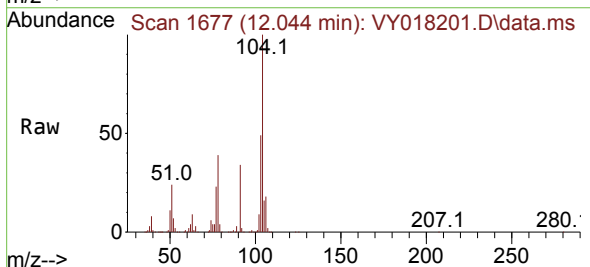
Instrument :
MSVOA_Y
ClientSampleId :

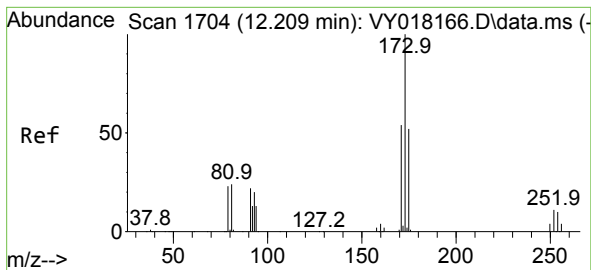
Tgt Ion:106 Resp: 182948
Ion Ratio Lower Upper
106 100
91 198.5 103.6 310.8



#70
Styrene
Concen: 43.261 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion:104 Resp: 306935
Ion Ratio Lower Upper
104 100
78 43.6 37.0 55.4
103 54.1 44.2 66.2





#71

Bromoform

Concen: 44.299 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

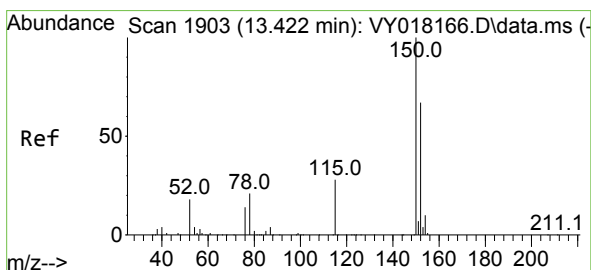
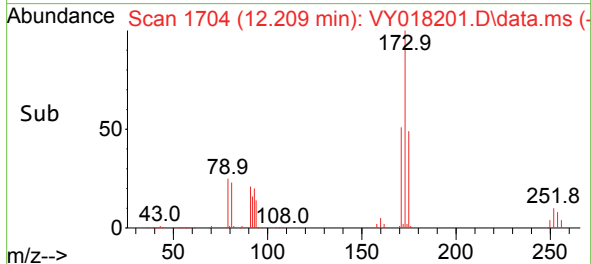
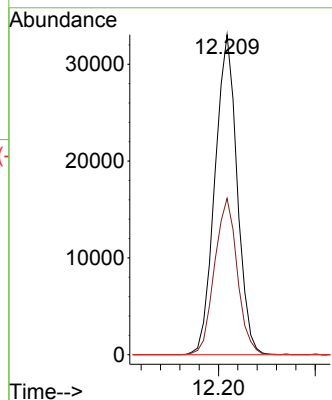
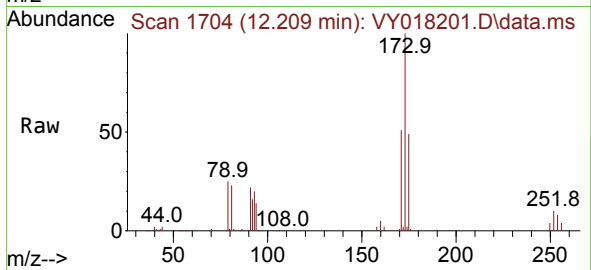
Tgt Ion:173 Resp: 52568

Ion Ratio Lower Upper

173 100

175 50.1 25.1 75.3

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

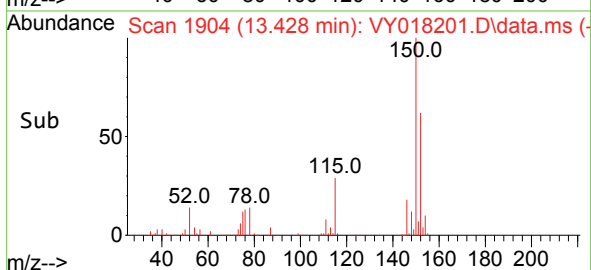
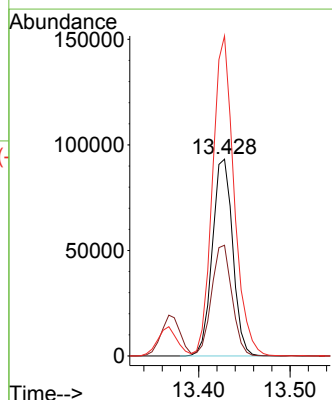
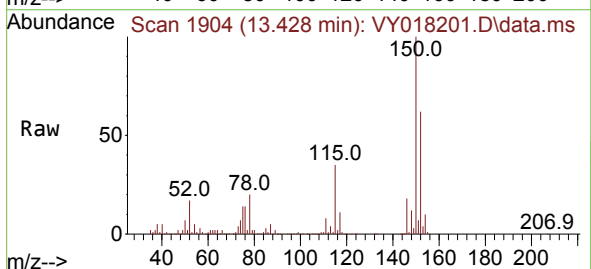
Tgt Ion:152 Resp: 144400

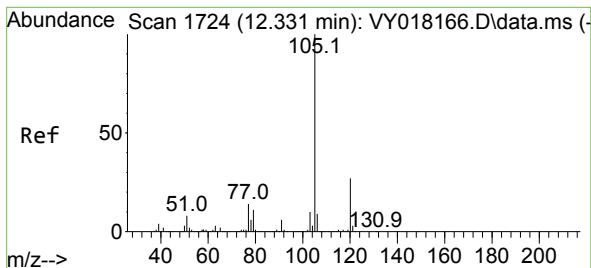
Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 171.2 0.0 345.6





#73

Isopropylbenzene

Concen: 43.080 ug/l

RT: 12.331 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

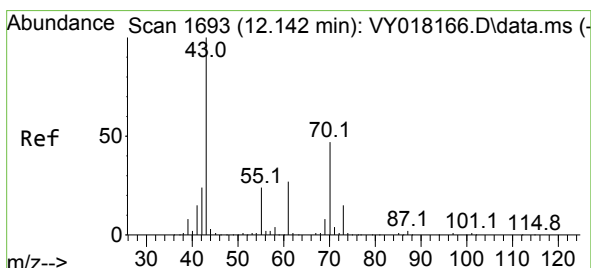
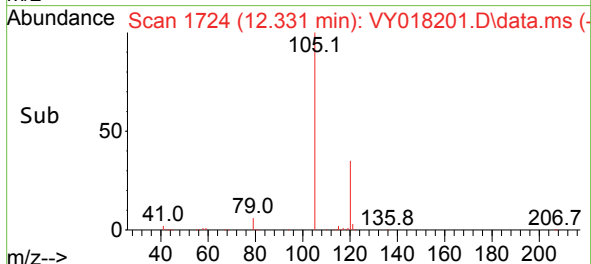
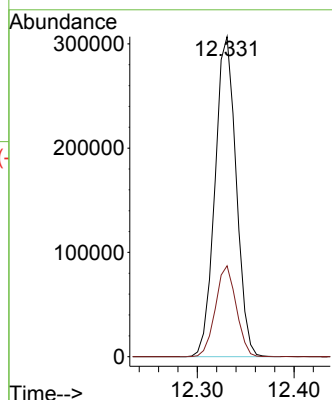
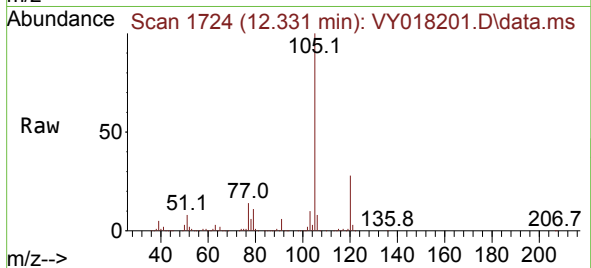
ClientSampleId :

Tgt Ion:105 Resp: 466405

Ion Ratio Lower Upper

105 100

120 27.9 13.4 40.1



#74

N-ethyl acetate

Concen: 46.065 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Tgt Ion: 43 Resp: 103528

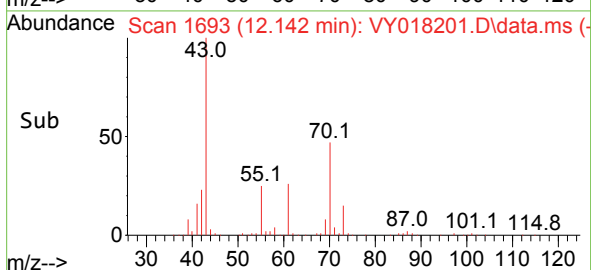
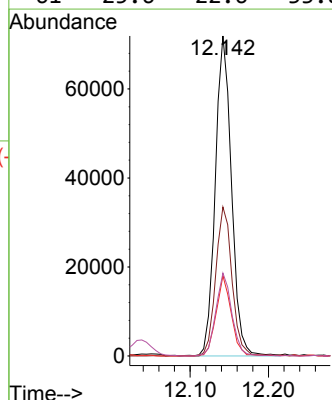
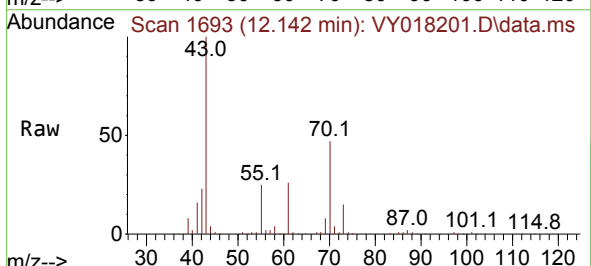
Ion Ratio Lower Upper

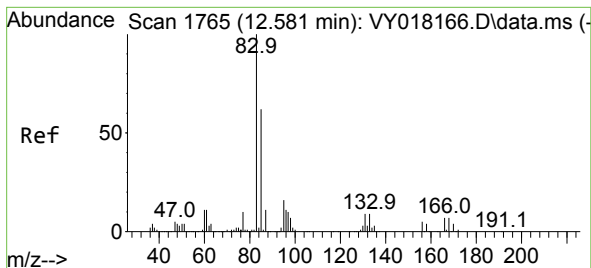
43 100

70 46.7 41.4 62.2

55 23.6 23.3 34.9

61 25.6 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 45.179 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

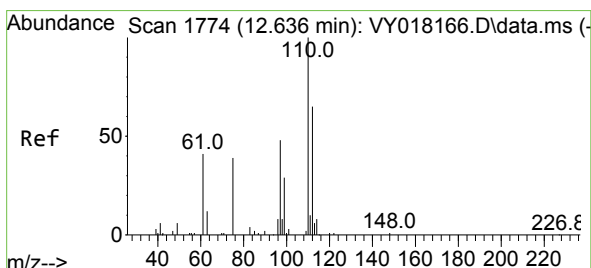
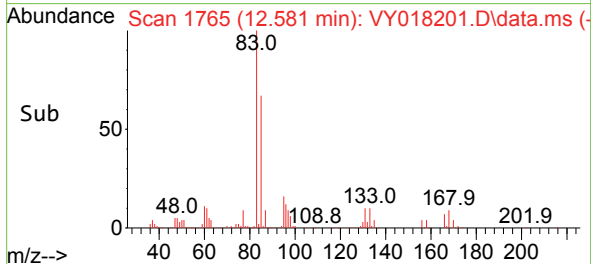
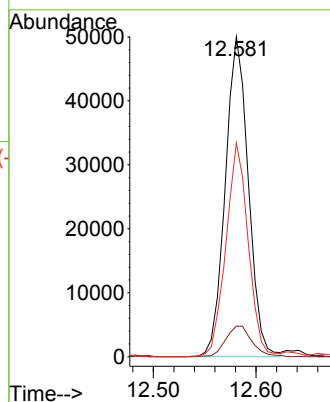
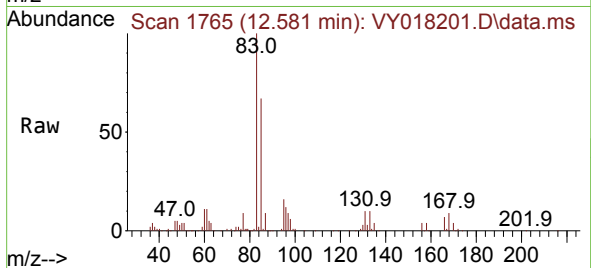
Tgt Ion: 83 Resp: 78027

Ion Ratio Lower Upper

83 100

131 10.9 5.0 14.9

85 64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 82.879 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY018201.D

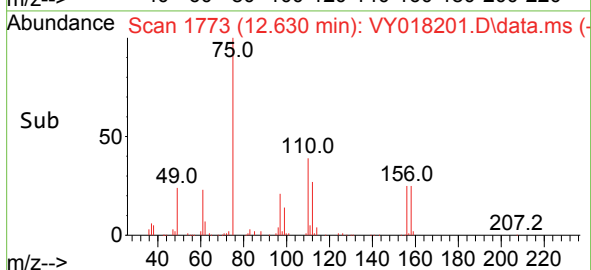
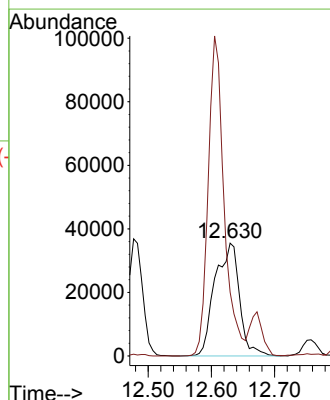
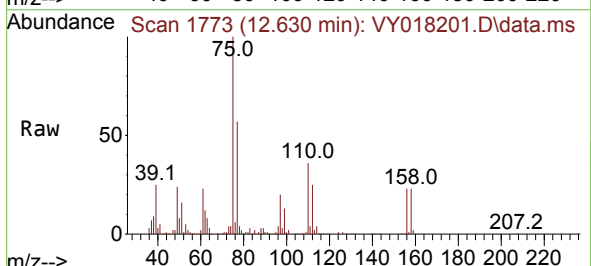
Acq: 09 May 2024 10:16

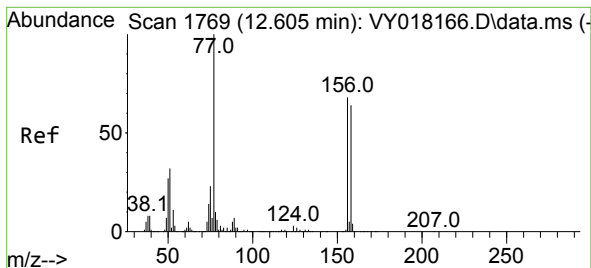
Tgt Ion: 75 Resp: 95794

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 43.606 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

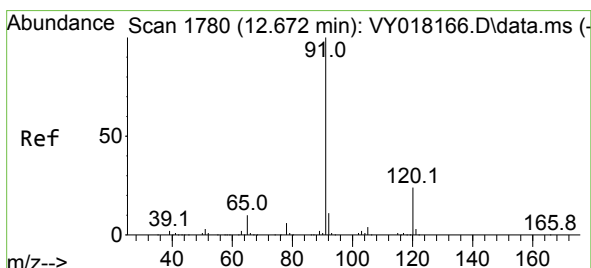
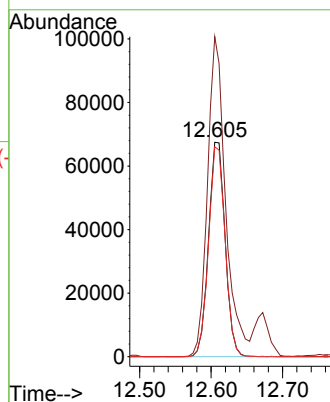
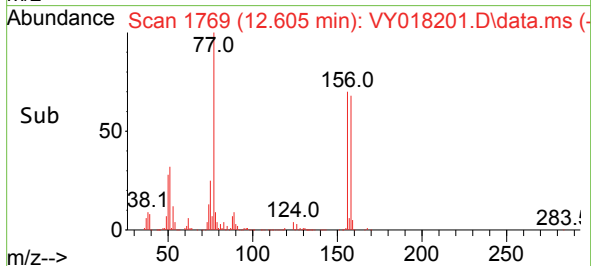
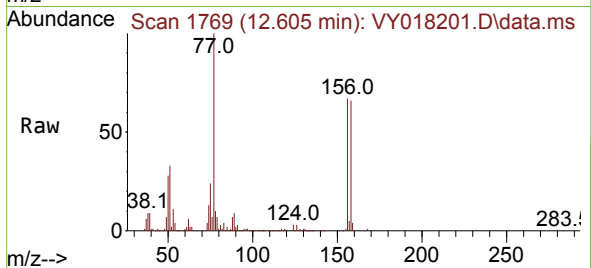
Tgt Ion:156 Resp: 108455

Ion Ratio Lower Upper

156 100

77 163.4 87.1 261.3

158 97.8 48.6 145.9



#78

n-propylbenzene

Concen: 42.816 ug/l

RT: 12.672 min Scan# 1780

Delta R.T. 0.000 min

Lab File: VY018201.D

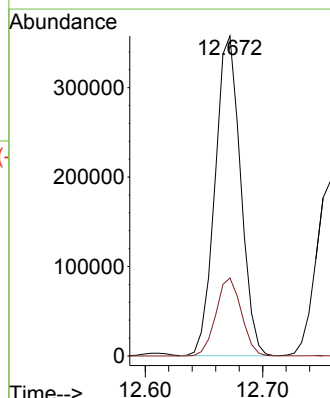
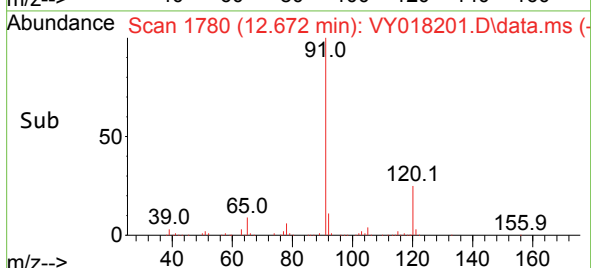
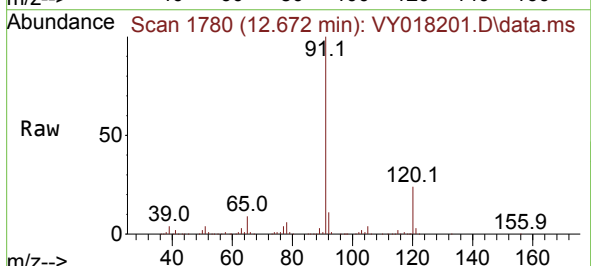
Acq: 09 May 2024 10:16

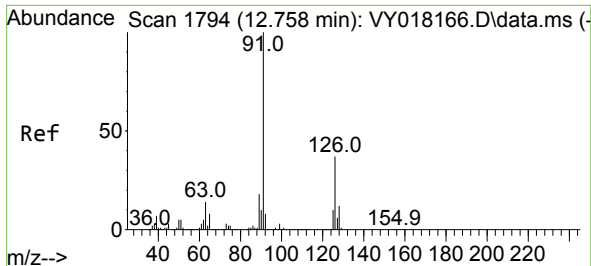
Tgt Ion: 91 Resp: 539174

Ion Ratio Lower Upper

91 100

120 24.3 11.5 34.4

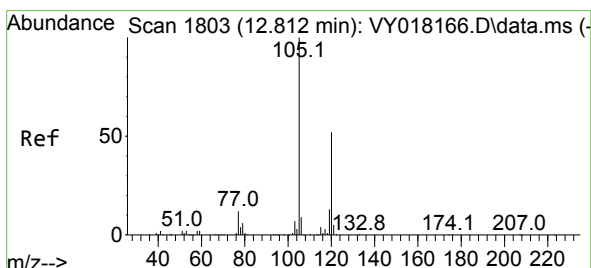
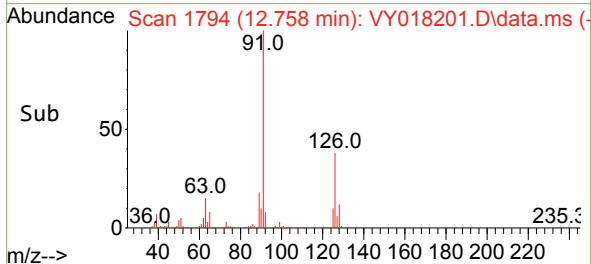
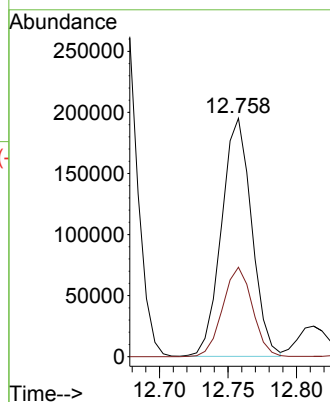
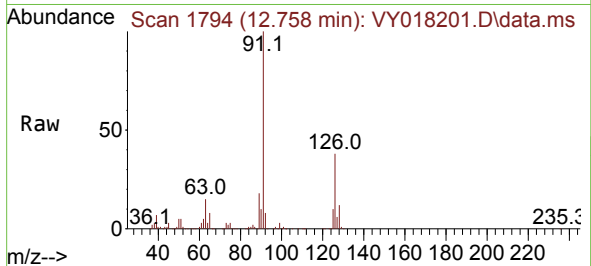




#79
2-Chlorotoluene
Concen: 42.752 ug/l
RT: 12.758 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

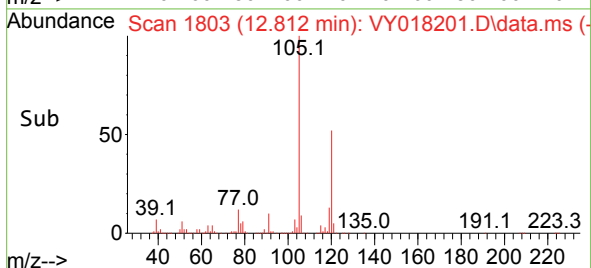
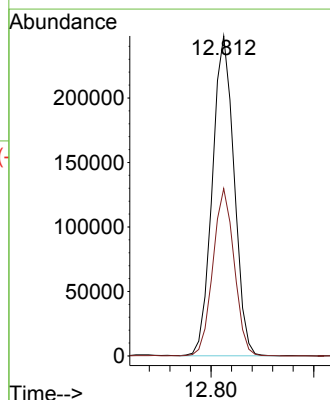
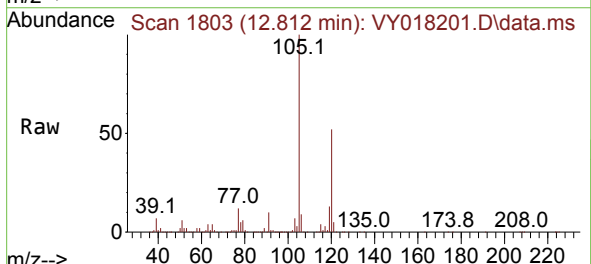
Instrument :
MSVOA_Y
ClientSampleId :

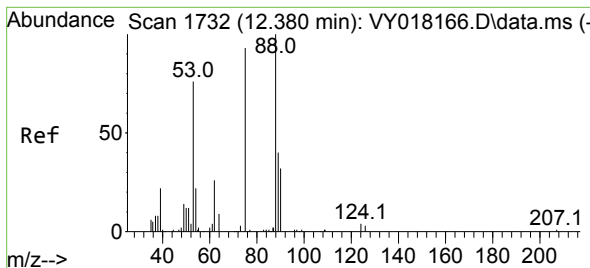
Tgt Ion: 91 Resp: 299166
Ion Ratio Lower Upper
91 100
126 37.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 42.776 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 105 Resp: 365179
Ion Ratio Lower Upper
105 100
120 51.2 25.1 75.2

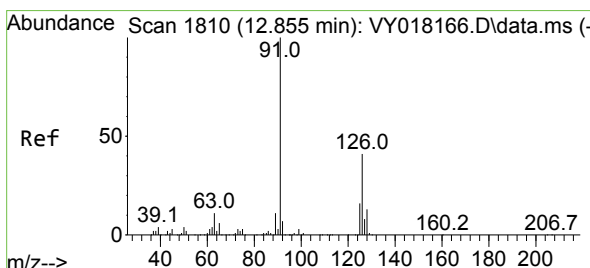
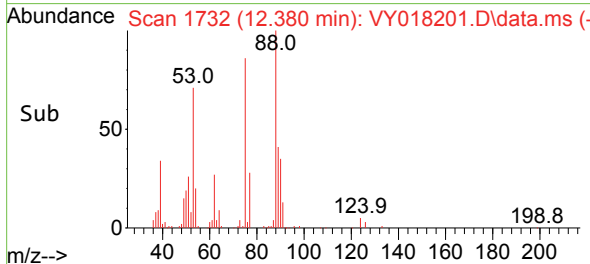
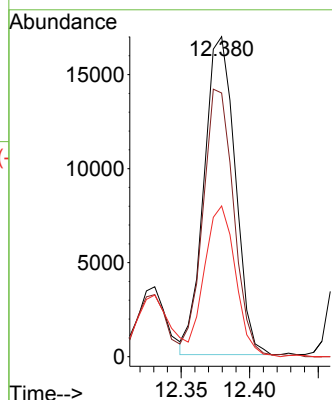
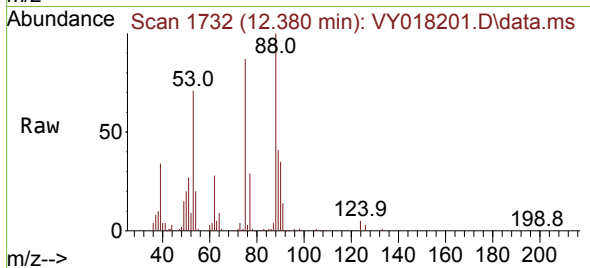




#81
trans-1,4-Dichloro-2-butene
Concen: 44.522 ug/l
RT: 12.380 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

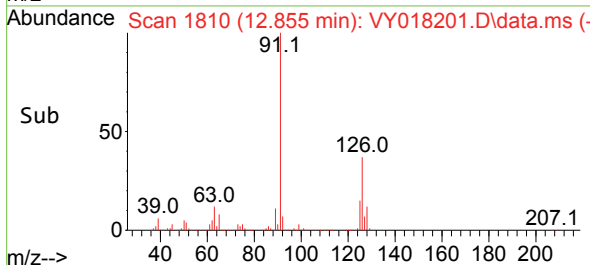
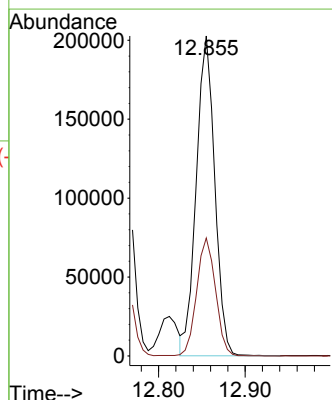
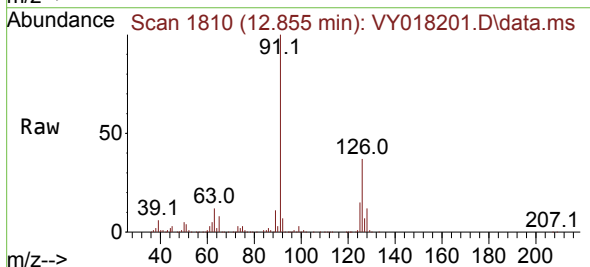
Instrument :
MSVOA_Y
ClientSampleId :

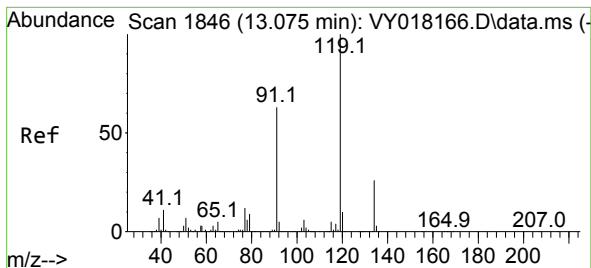
Tgt Ion: 75 Resp: 26709
Ion Ratio Lower Upper
75 100
53 83.9 66.8 100.2
89 47.0 35.8 53.6



#82
4-Chlorotoluene
Concen: 42.653 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.000 min
Lab File: VY018201.D
Acq: 09 May 2024 10:16

Tgt Ion: 91 Resp: 299808
Ion Ratio Lower Upper
91 100
126 37.7 17.6 52.9





#83

tert-Butylbenzene

Concen: 42.779 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

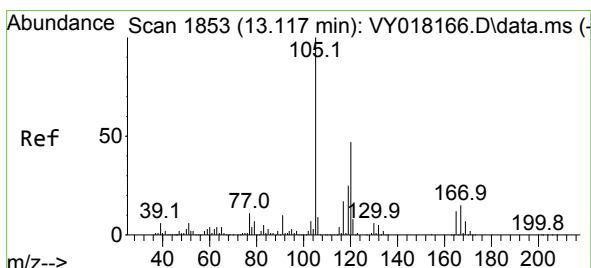
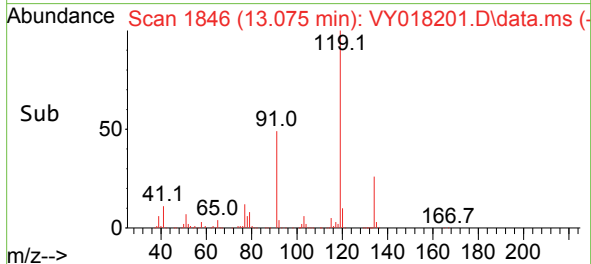
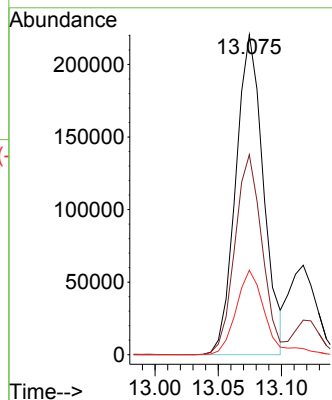
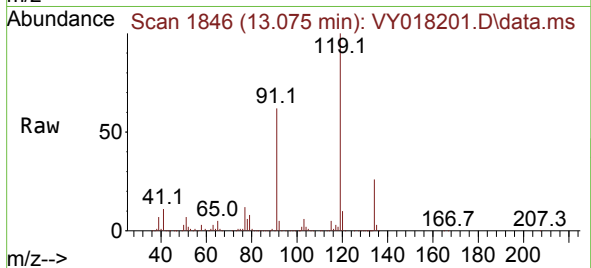
Tgt Ion:119 Resp: 336861

Ion Ratio Lower Upper

119 100

91 61.2 31.3 93.8

134 27.8 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 42.941 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018201.D

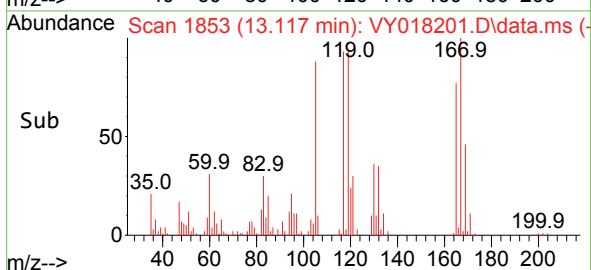
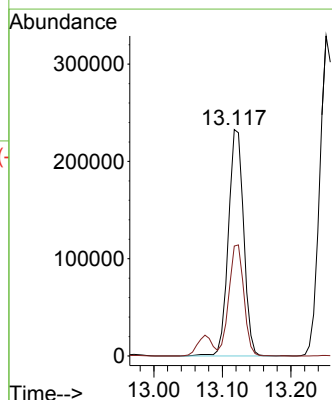
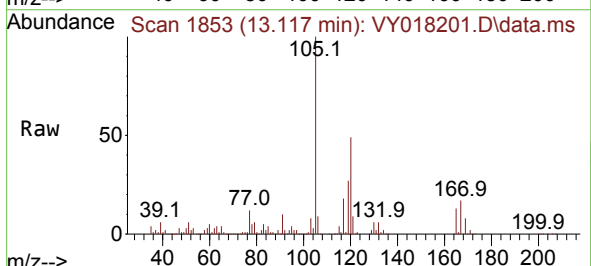
Acq: 09 May 2024 10:16

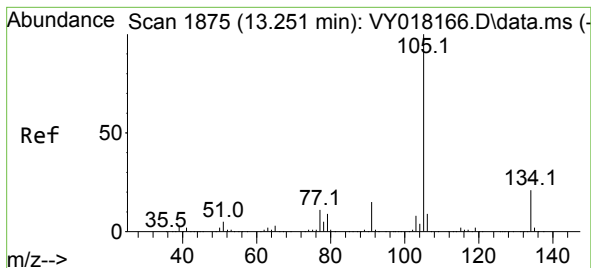
Tgt Ion:105 Resp: 359097

Ion Ratio Lower Upper

105 100

120 48.0 23.2 69.6





#85

sec-Butylbenzene

Concen: 42.900 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

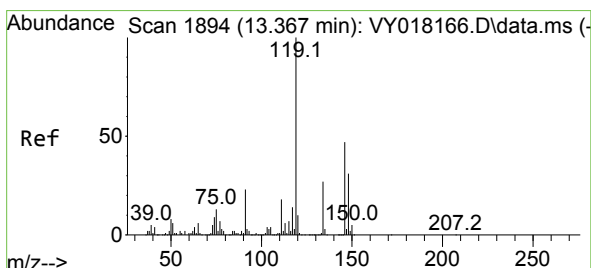
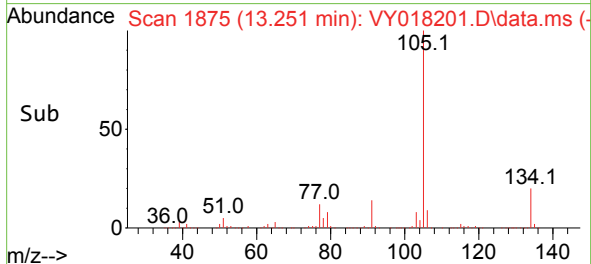
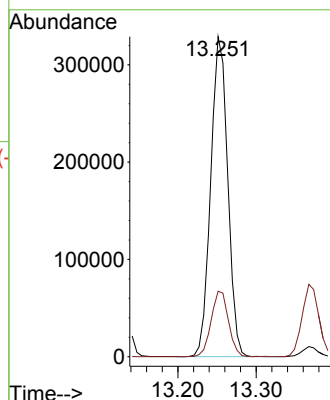
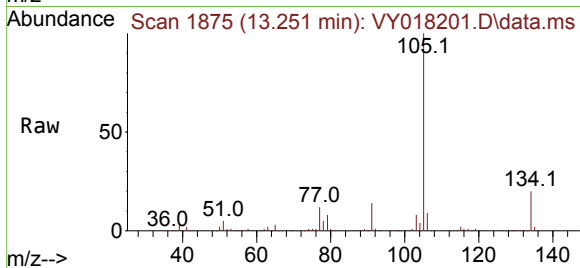
ClientSampleId :

Tgt Ion:105 Resp: 495517

Ion Ratio Lower Upper

105 100

134 20.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 42.406 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

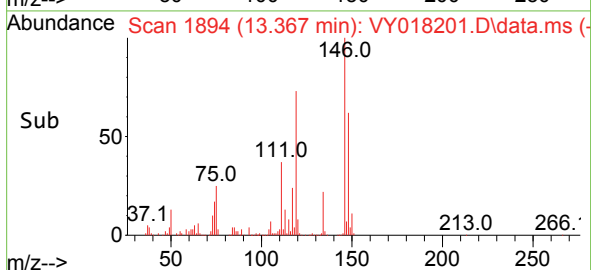
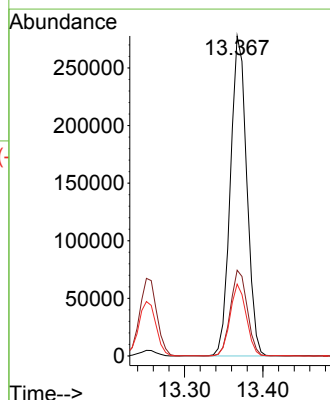
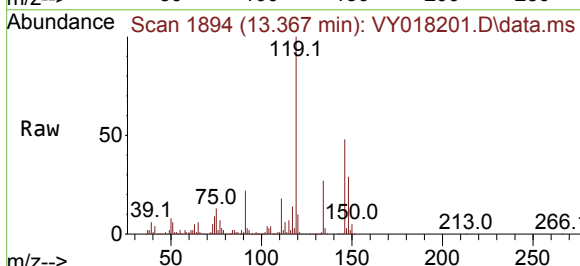
Tgt Ion:119 Resp: 402939

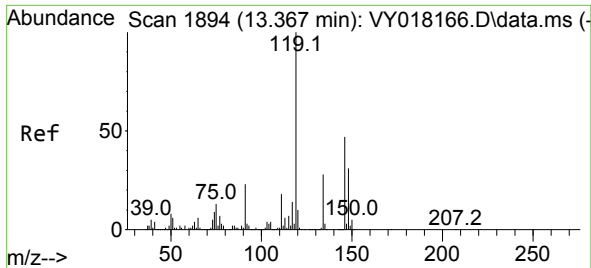
Ion Ratio Lower Upper

119 100

134 27.4 13.1 39.3

91 22.1 10.7 32.1

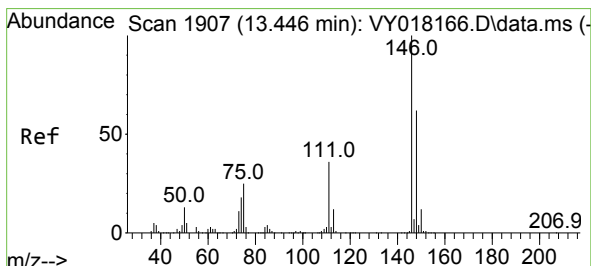
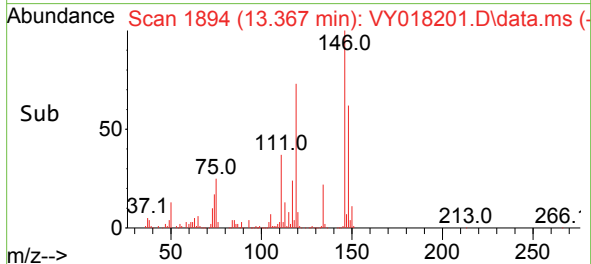
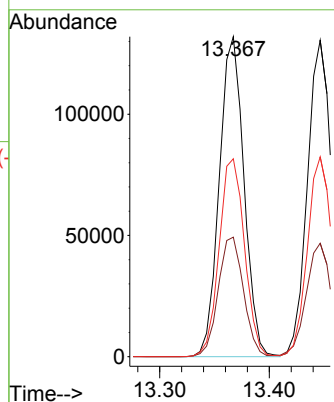
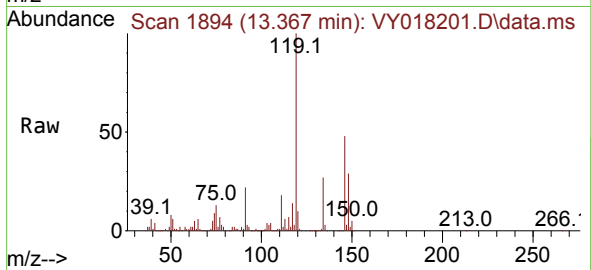




#87
 1,3-Dichlorobenzene
 Concen: 43.022 ug/l
 RT: 13.367 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY018201.D
 Acq: 09 May 2024 10:16

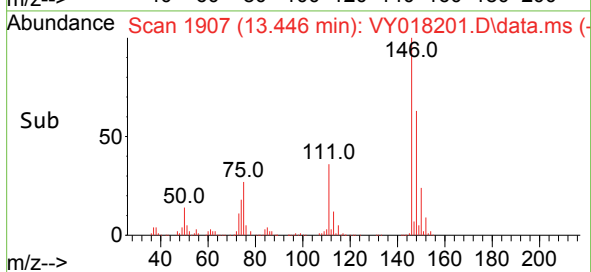
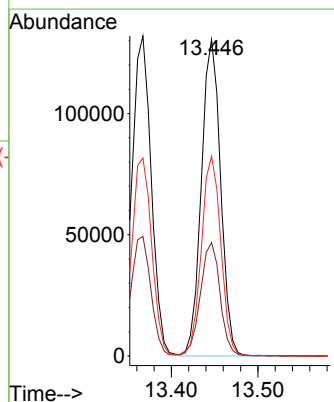
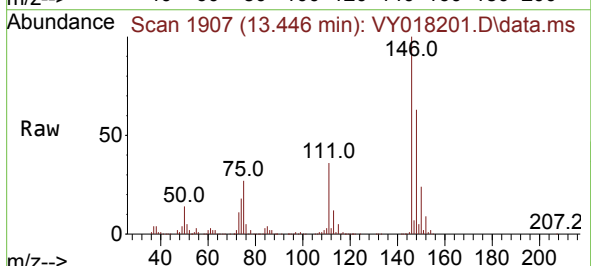
Instrument :
 MSVOA_Y
 ClientSampleId :

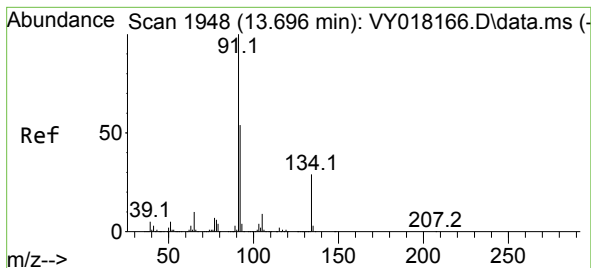
Tgt Ion:146 Resp: 206645
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 63.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 43.047 ug/l
 RT: 13.446 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VY018201.D
 Acq: 09 May 2024 10:16

Tgt Ion:146 Resp: 201572
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.4 55.4
 148 63.6 32.4 97.2





#89

n-Butylbenzene

Concen: 42.005 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

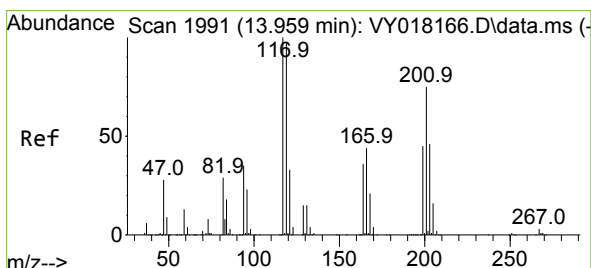
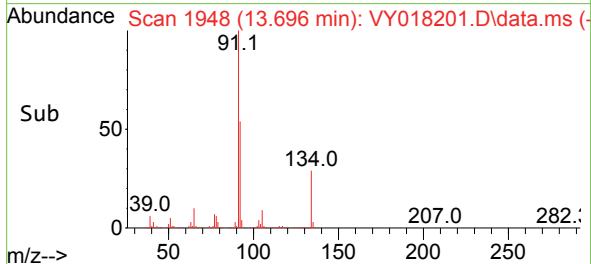
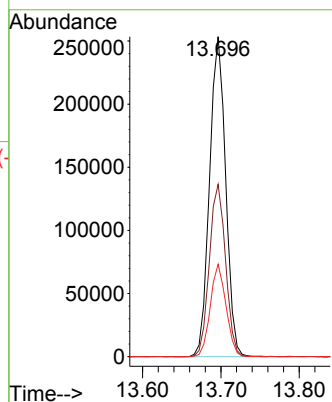
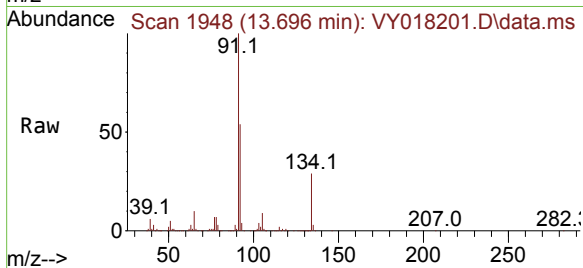
Tgt Ion: 91 Resp: 361221

Ion Ratio Lower Upper

91 100

92 54.3 26.6 79.7

134 28.2 12.9 38.7



#90

Hexachloroethane

Concen: 41.685 ug/l

RT: 13.965 min Scan# 1992

Delta R.T. 0.006 min

Lab File: VY018201.D

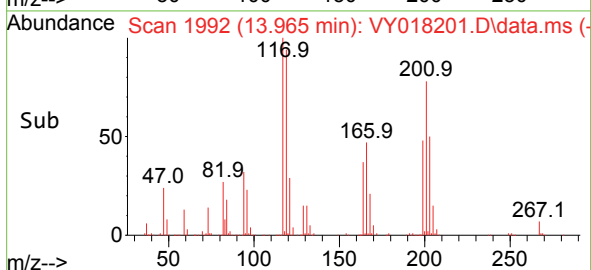
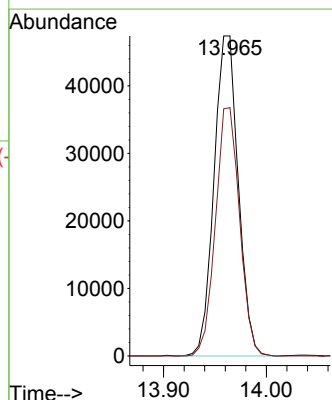
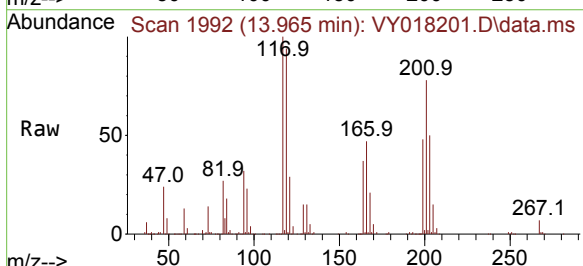
Acq: 09 May 2024 10:16

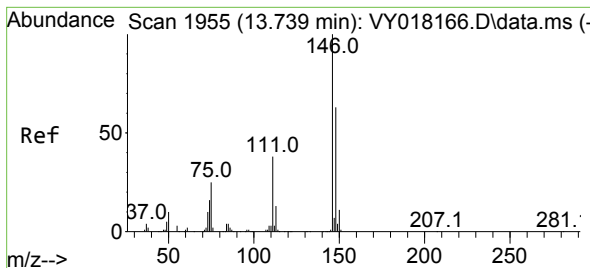
Tgt Ion: 117 Resp: 77708

Ion Ratio Lower Upper

117 100

201 77.0 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 43.686 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

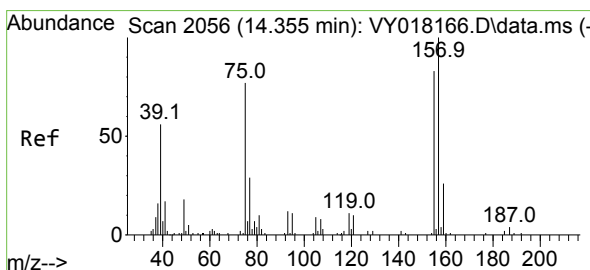
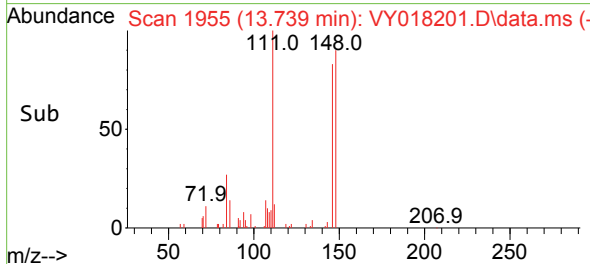
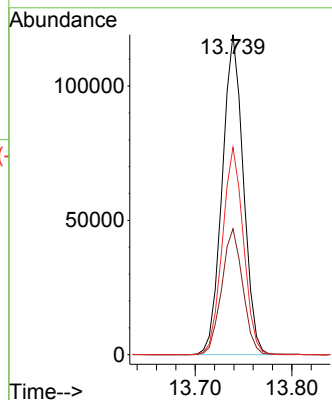
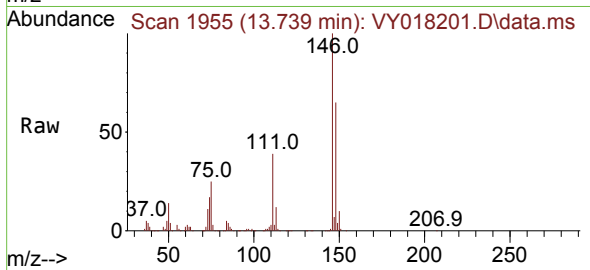
Tgt Ion:146 Resp: 180358

Ion Ratio Lower Upper

146 100

111 39.3 19.9 59.7

148 64.7 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 44.934 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

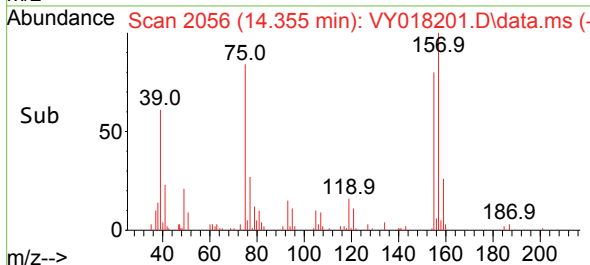
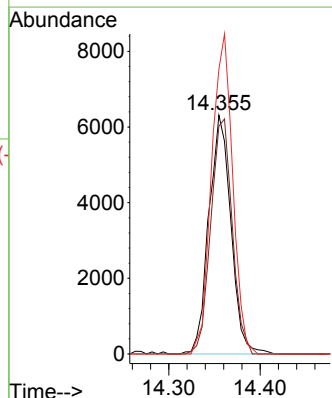
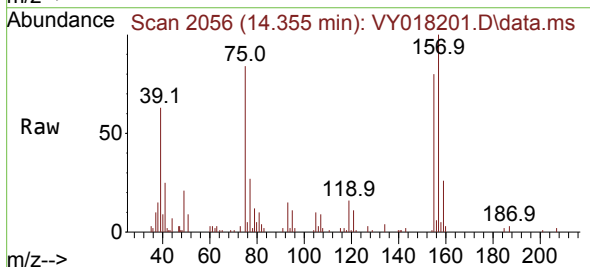
Tgt Ion: 75 Resp: 10567

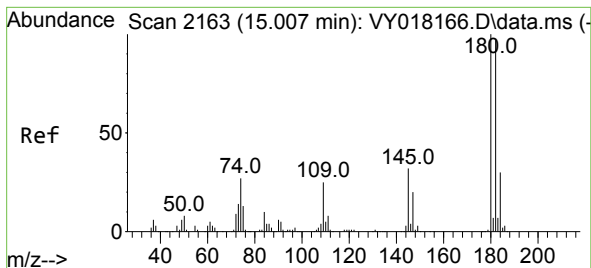
Ion Ratio Lower Upper

75 100

155 95.3 48.6 145.8

157 128.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 43.148 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

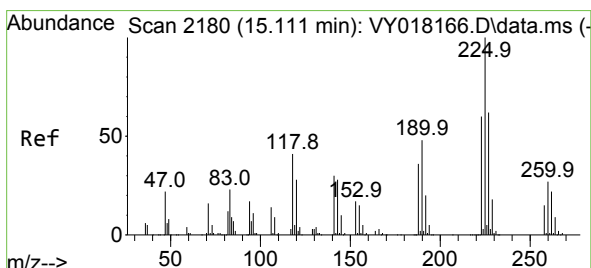
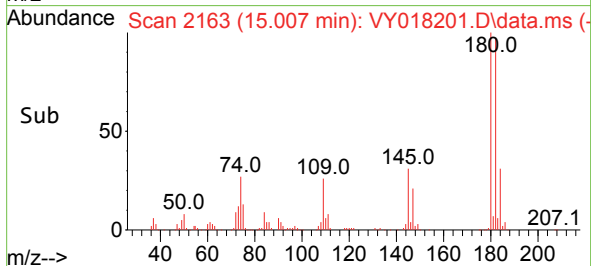
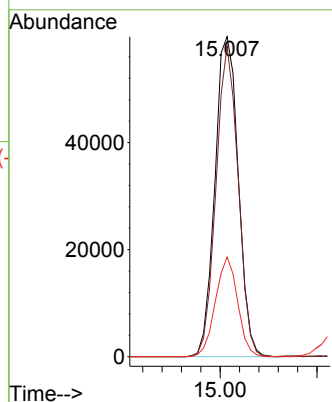
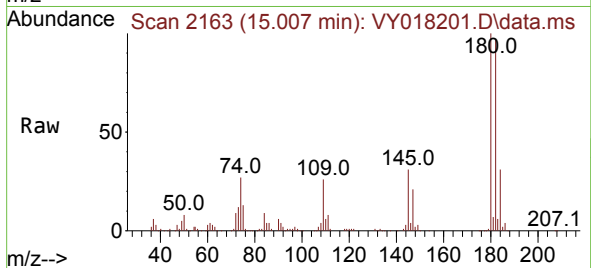
Tgt Ion:180 Resp: 100145

Ion Ratio Lower Upper

180 100

182 91.9 47.9 143.8

145 29.5 14.2 42.6



#94

Hexachlorobutadiene

Concen: 41.480 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

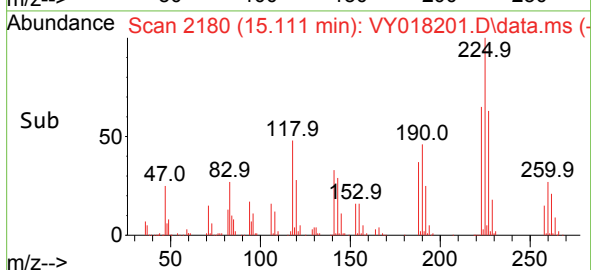
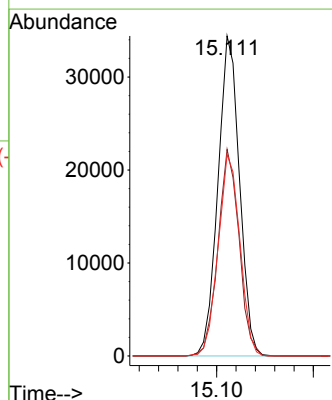
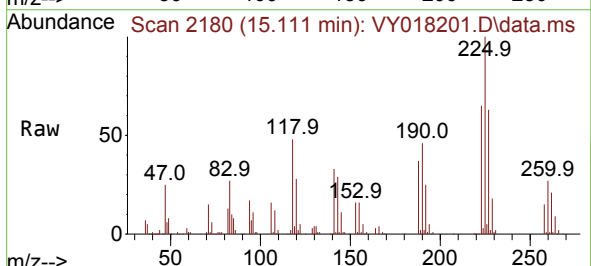
Tgt Ion:225 Resp: 53118

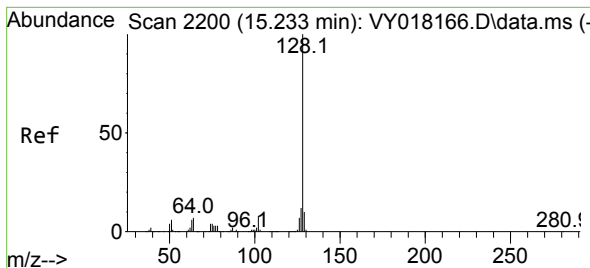
Ion Ratio Lower Upper

225 100

223 63.2 30.4 91.2

227 63.5 31.9 95.9





#95

Naphthalene

Concen: 44.394 ug/l

RT: 15.239 min Scan# 2201

Delta R.T. 0.006 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Instrument :

MSVOA_Y

ClientSampleId :

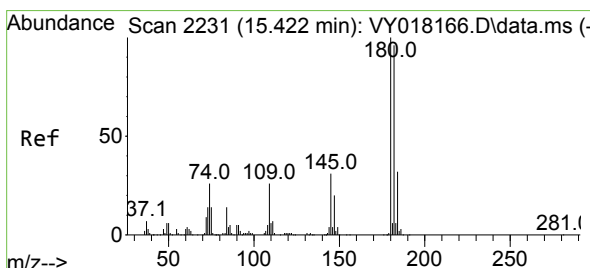
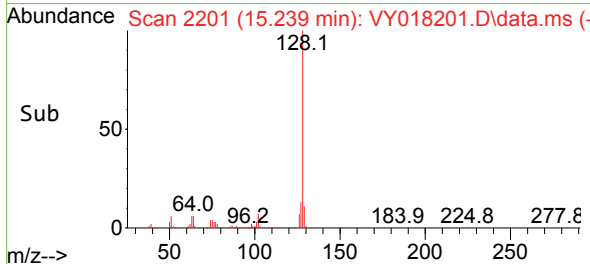
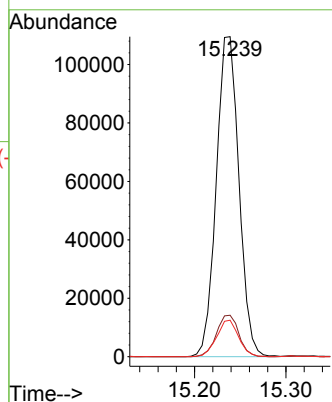
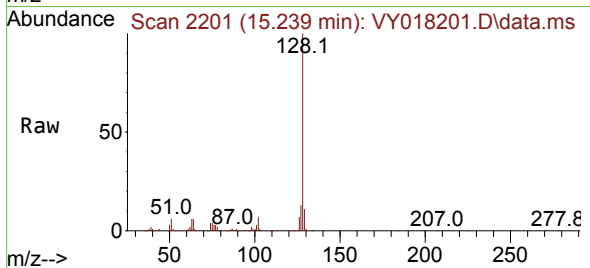
Tgt Ion:128 Resp: 188806

Ion Ratio Lower Upper

128 100

127 12.8 10.6 16.0

129 11.1 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 43.027 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018201.D

Acq: 09 May 2024 10:16

Tgt Ion:180 Resp: 81954

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.9

145 31.8 15.4 46.1

