

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018402.D
 Acq On : 29 May 2024 16:15
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 30 04:07:04 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052224S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 23 01:40:36 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	109855	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	208681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	187628	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88058	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	57962	55.691	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.380%	
35) Dibromofluoromethane	7.710	113	56657	46.557	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 93.120%	
50) Toluene-d8	10.173	98	227511	47.952	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 95.900%	
62) 4-Bromofluorobenzene	12.477	95	74197	50.611	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.220%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.900	85	41152	43.889	ug/l	100
3) Chloromethane	2.107	50	87582	57.478	ug/l	97
4) Vinyl Chloride	2.241	62	107569	63.104	ug/l	98
5) Bromomethane	2.637	94	71201	58.422	ug/l	100
6) Chloroethane	2.784	64	70661	63.858	ug/l	98
7) Trichlorofluoromethane	3.107	101	108692	56.817	ug/l	98
8) Diethyl Ether	3.521	74	36430	59.640	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.887	101	63304	53.639	ug/l	92
10) Methyl Iodide	4.076	142	67744	57.078	ug/l	96
11) Tert butyl alcohol	4.942	59	30867	338.089	ug/l	# 80
12) 1,1-Dichloroethene	3.857	96	62178	53.493	ug/l	92
13) Acrolein	3.716	56	20874	242.293	ug/l	96
14) Allyl chloride	4.466	41	100315	61.794	ug/l	94
15) Acrylonitrile	5.149	53	88352	334.410	ug/l	100
16) Acetone	3.936	43	76029	355.169	ug/l	# 87
17) Carbon Disulfide	4.180	76	186784	57.545	ug/l	97
18) Methyl Acetate	4.460	43	36091	63.609	ug/l	94
19) Methyl tert-butyl Ether	5.204	73	174348	62.554	ug/l	97
20) Methylene Chloride	4.698	84	80662	67.098	ug/l	90
21) trans-1,2-Dichloroethene	5.210	96	72637	59.238	ug/l	96
22) Diisopropyl ether	6.106	45	225329	66.794	ug/l	96
23) Vinyl Acetate	6.045	43	738882	342.055	ug/l	94
24) 1,1-Dichloroethane	6.003	63	127599	61.675	ug/l	97
25) 2-Butanone	6.972	43	115395	340.171	ug/l	92
26) 2,2-Dichloropropane	6.972	77	103068	57.630	ug/l	99
27) cis-1,2-Dichloroethene	6.972	96	85771	59.527	ug/l	94
28) Bromochloromethane	7.326	49	46405	66.041	ug/l	82
29) Tetrahydrofuran	7.338	42	76558	342.877	ug/l	# 88
30) Chloroform	7.496	83	130273	61.777	ug/l	99
31) Cyclohexane	7.777	56	111077	61.157	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	106941	57.778	ug/l	95
36) 1,1-Dichloropropene	7.911	75	94861	53.752	ug/l	97
37) Ethyl Acetate	7.063	43	52245	61.884	ug/l	96
38) Carbon Tetrachloride	7.893	117	90459	50.045	ug/l	98
39) Methylcyclohexane	9.179	83	124276	50.480	ug/l	96
40) Benzene	8.155	78	301930	56.121	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.338	41	69704	165.405	ug/l #	36
42) 1,2-Dichloroethane	8.228	62	75492	58.335	ug/l	97
43) Isopropyl Acetate	8.264	43	101254	61.469	ug/l	91
44) Trichloroethene	8.935	130	70701	51.269	ug/l	93
45) 1,2-Dichloropropane	9.209	63	71004	58.681	ug/l	95
46) Dibromomethane	9.301	93	40492	57.030	ug/l	91
47) Bromodichloromethane	9.490	83	98512	57.171	ug/l	98
48) Methyl methacrylate	9.289	41	45783	61.445	ug/l	89
49) 1,4-Dioxane	9.289	88	11077	1202.440	ug/l #	90
51) 4-Methyl-2-Pentanone	10.063	43	269465	324.138	ug/l	92
52) Toluene	10.240	92	188492	55.891	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	94269	59.839	ug/l	97
54) cis-1,3-Dichloropropene	9.923	75	110561	57.275	ug/l #	90
55) 1,1,2-Trichloroethane	10.642	97	54490	57.928	ug/l	97
56) Ethyl methacrylate	10.508	69	80891	62.695	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	95493	59.896	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.776	63	178288	305.810	ug/l	95
59) 2-Hexanone	10.831	43	190764	333.485	ug/l	91
60) Dibromochloromethane	10.983	129	64870	57.095	ug/l	98
61) 1,2-Dibromoethane	11.087	107	51057	58.826	ug/l	99
64) Tetrachloroethene	10.715	164	64090	48.152	ug/l	92
65) Chlorobenzene	11.514	112	202041	52.128	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.587	131	66341	54.105	ug/l	99
67) Ethyl Benzene	11.587	91	373478	54.869	ug/l	99
68) m/p-Xylenes	11.697	106	277758	106.056	ug/l	96
69) o-Xylene	12.026	106	134079	54.248	ug/l	98
70) Styrene	12.038	104	228071	55.823	ug/l	99
71) Bromoform	12.203	173	35192	54.263	ug/l #	100
73) Isopropylbenzene	12.325	105	348859	50.405	ug/l	99
74) N-amyl acetate	12.142	43	89200	55.240	ug/l	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	64690	54.854	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	80524	101.743	ug/l #	100
77) Bromobenzene	12.605	156	76241	50.295	ug/l	94
78) n-propylbenzene	12.666	91	409758	49.445	ug/l	100
79) 2-Chlorotoluene	12.751	91	225594	50.282	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	270100	49.662	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	21451	55.766	ug/l	95
82) 4-Chlorotoluene	12.849	91	221880	48.775	ug/l	98
83) tert-Butylbenzene	13.075	119	246130	48.957	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	264513	49.452	ug/l	100
85) sec-Butylbenzene	13.251	105	353573	47.553	ug/l	99
86) p-Isopropyltoluene	13.367	119	294261	48.384	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	151663	50.809	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	148149	49.866	ug/l	99
89) n-Butylbenzene	13.696	91	273269	47.813	ug/l	99
90) Hexachloroethane	13.959	117	55184	49.135	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	131653	50.829	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9046	55.925	ug/l	91
93) 1,2,4-Trichlorobenzene	15.001	180	71959	48.774	ug/l	96
94) Hexachlorobutadiene	15.111	225	35267	46.711	ug/l	99
95) Naphthalene	15.233	128	152594	52.598	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	58931	46.982	ug/l	98

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QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration

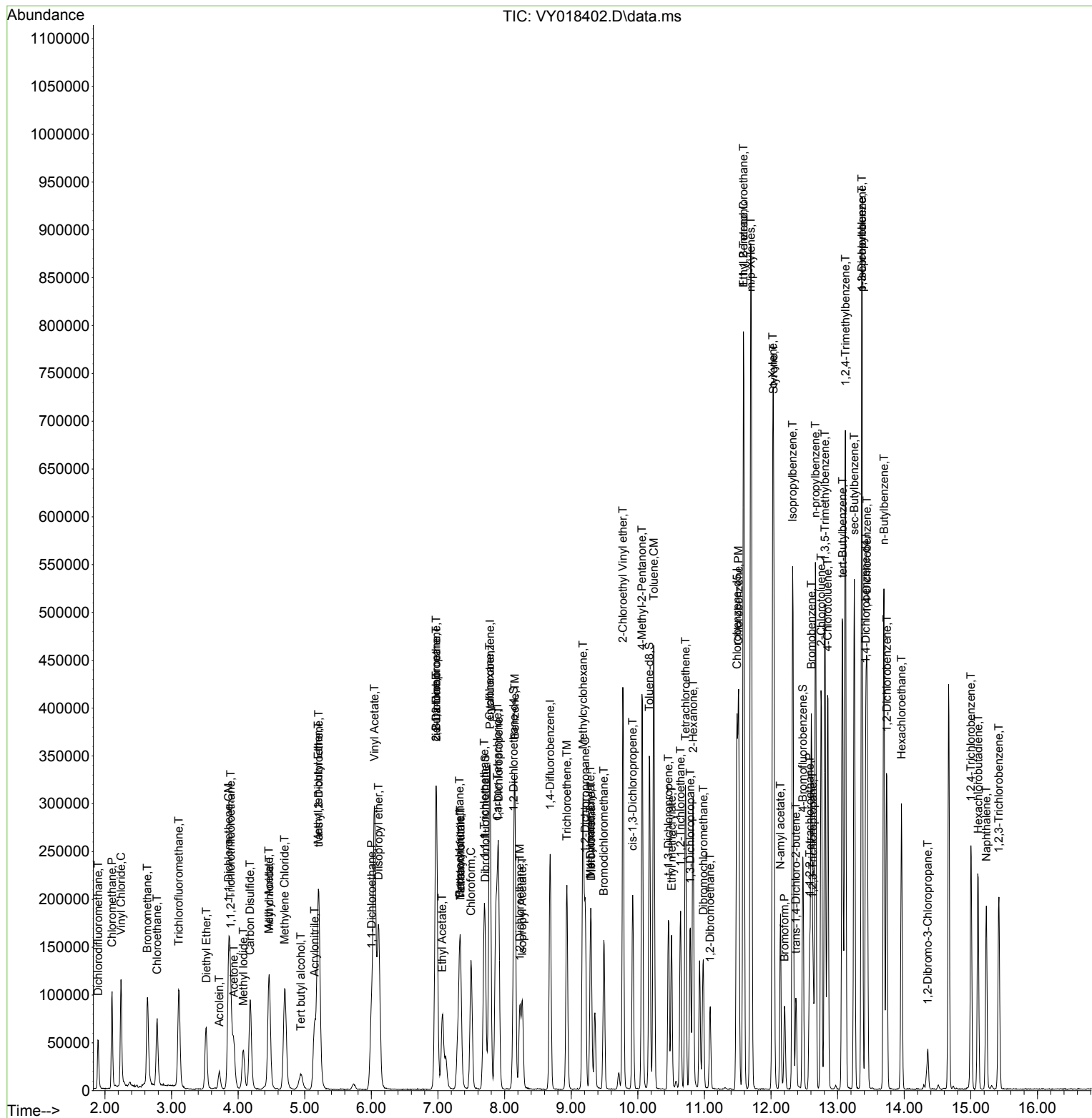
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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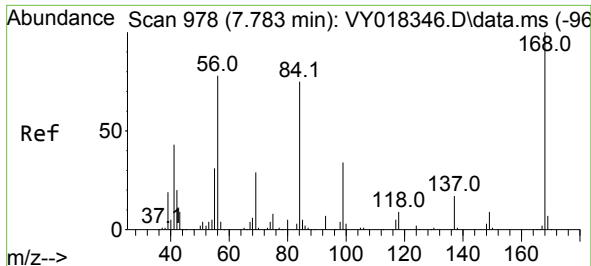
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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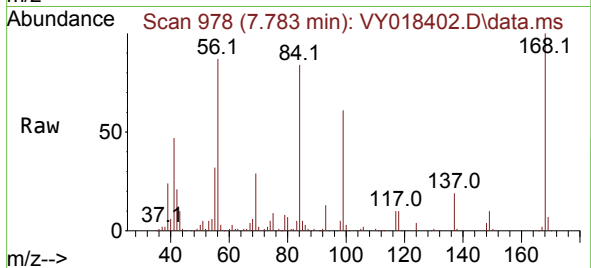
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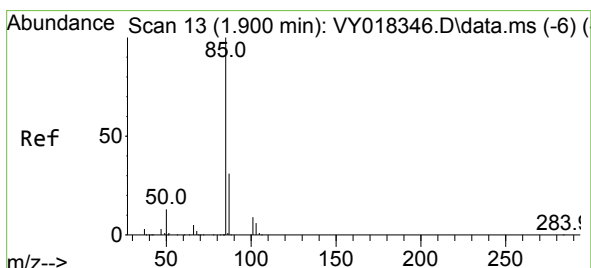
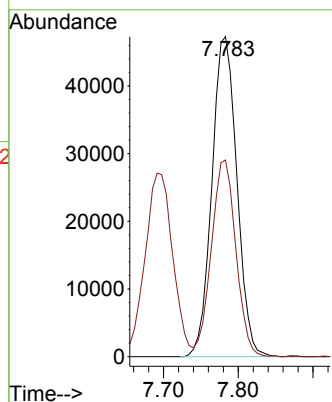
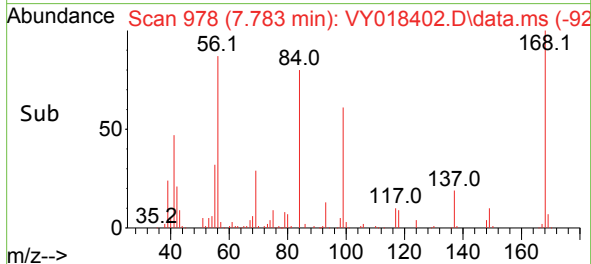


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018402.D
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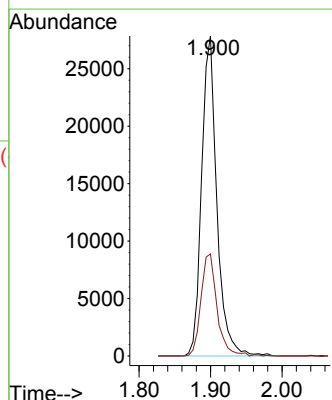
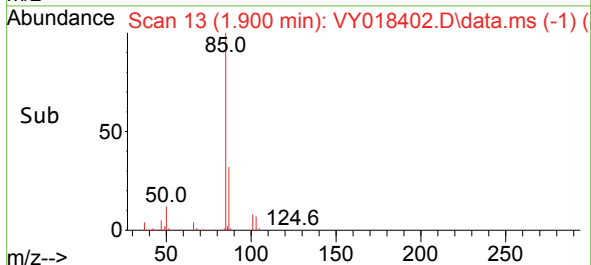
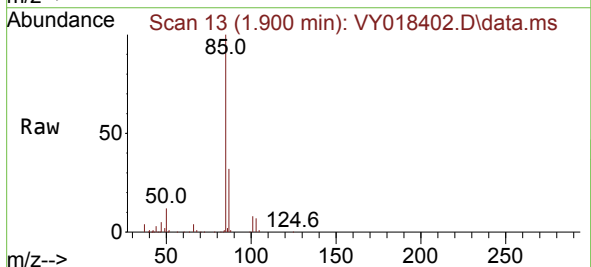


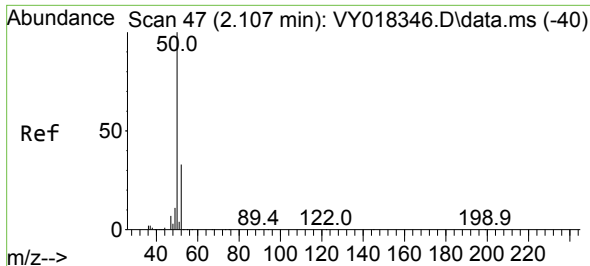
Tgt Ion:168 Resp: 109855
Ion Ratio Lower Upper
168 100
99 61.4 39.1 58.7#



#2
Dichlorodifluoromethane
Concen: 43.889 ug/l
RT: 1.900 min Scan# 13
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion: 85 Resp: 41152
Ion Ratio Lower Upper
85 100
87 31.9 16.0 48.0

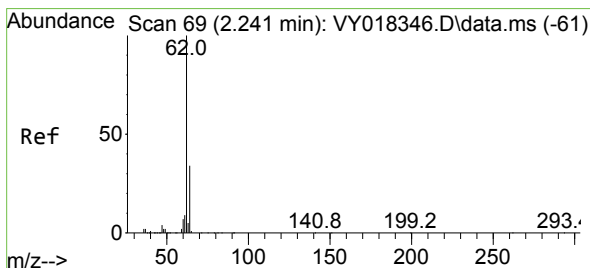
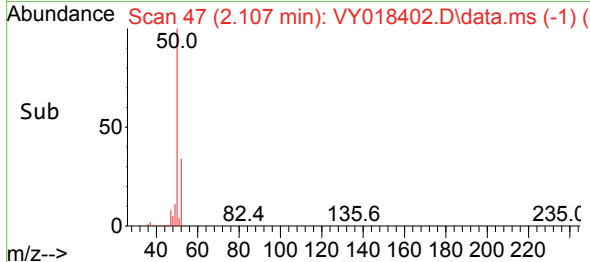
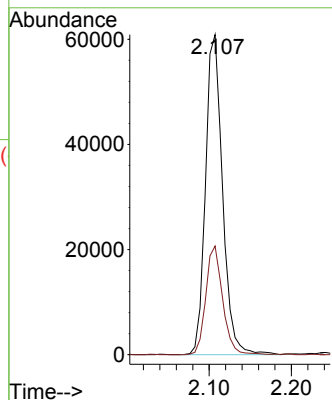
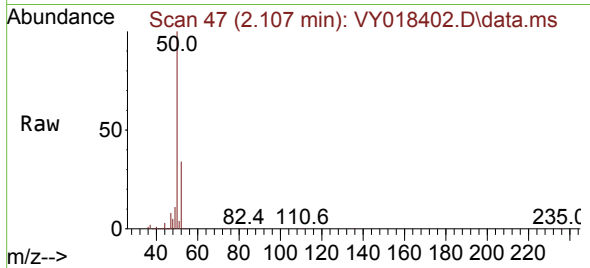




#3
Chloromethane
Concen: 57.478 ug/l
RT: 2.107 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

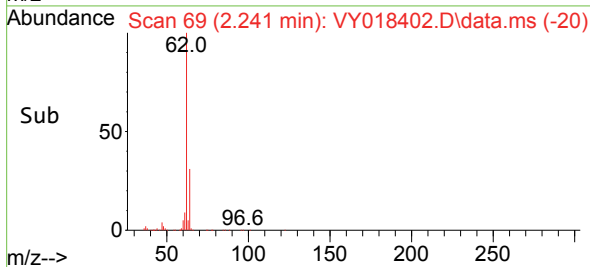
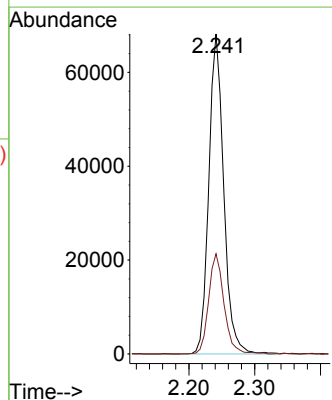
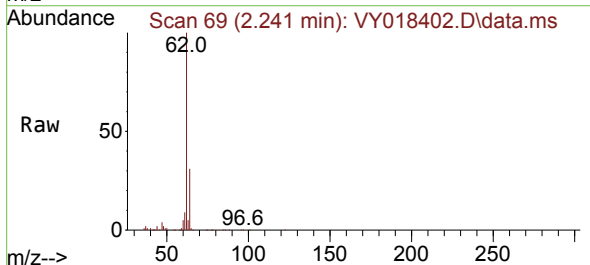
Instrument :
MSVOA_Y
ClientSampleId :

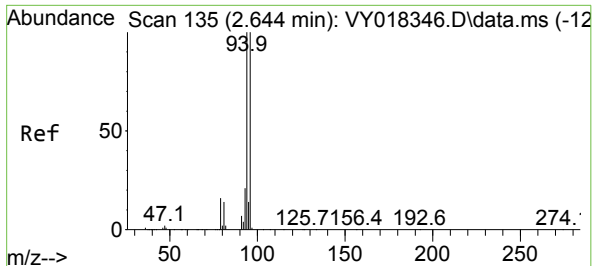
Tgt Ion: 50 Resp: 87582
Ion Ratio Lower Upper
50 100
52 33.9 25.6 38.4



#4
Vinyl Chloride
Concen: 63.104 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion: 62 Resp: 107569
Ion Ratio Lower Upper
62 100
64 31.3 26.1 39.1

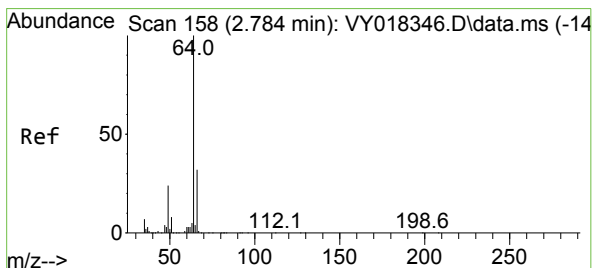
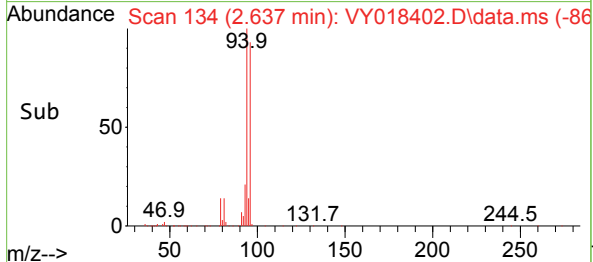
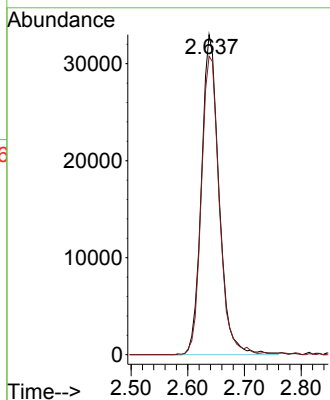
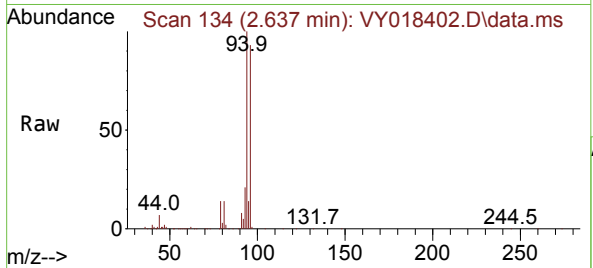




#5
Bromomethane
Concen: 58.422 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018402.D
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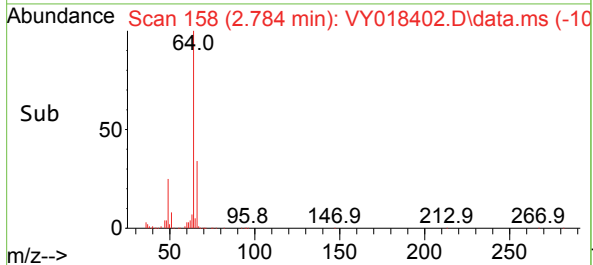
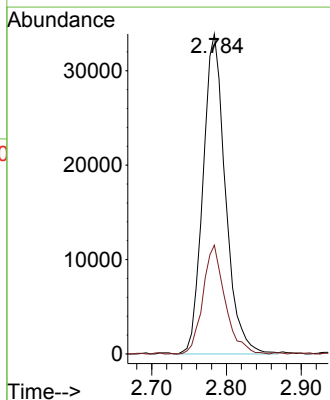
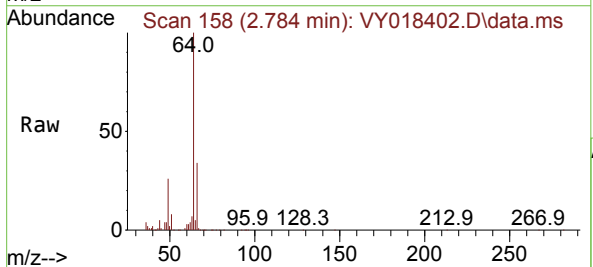
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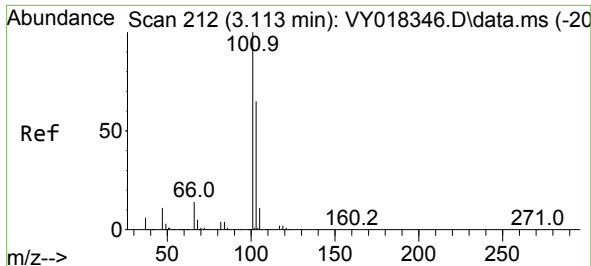
Tgt Ion: 94 Resp: 71201
Ion Ratio Lower Upper
94 100
96 92.9 74.1 111.1



#6
Chloroethane
Concen: 63.858 ug/l
RT: 2.784 min Scan# 158
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion: 64 Resp: 70661
Ion Ratio Lower Upper
64 100
66 34.0 26.1 39.1

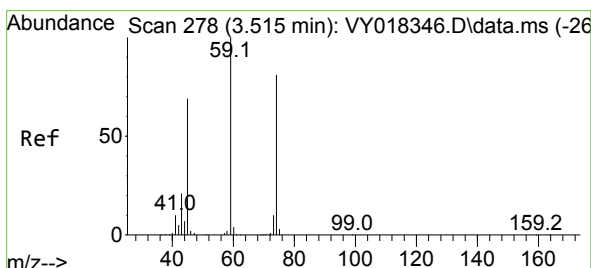
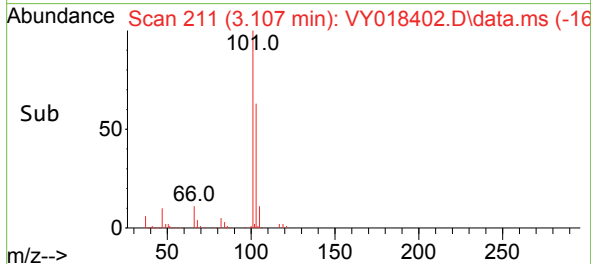
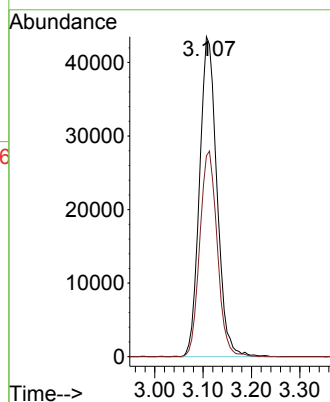
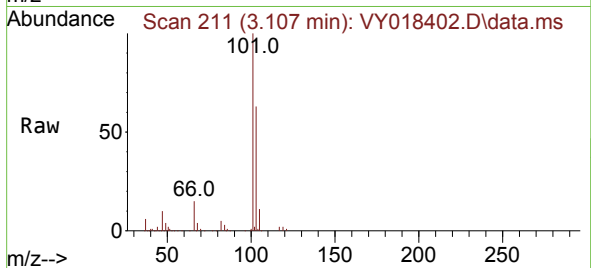




#7
Trichlorofluoromethane
Concen: 56.817 ug/l
RT: 3.107 min Scan# 211
Delta R.T. -0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

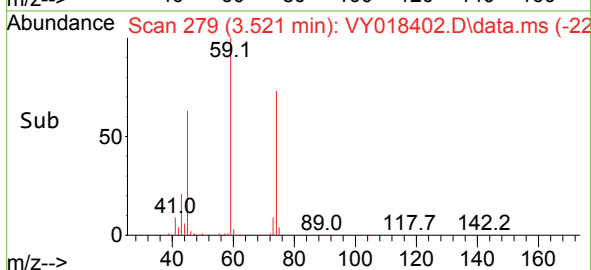
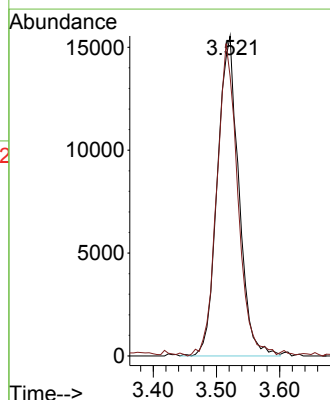
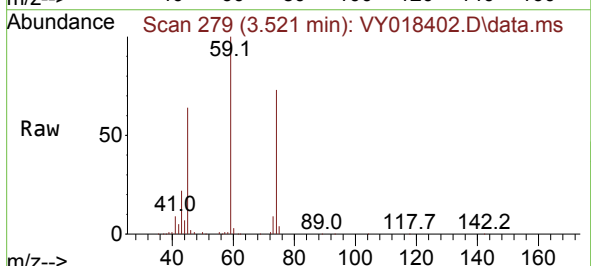
Instrument :
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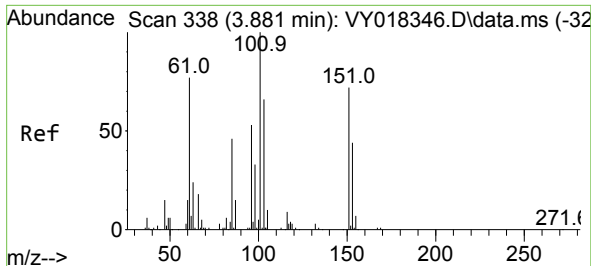
Tgt Ion:101 Resp: 108692
Ion Ratio Lower Upper
101 100
103 62.8 49.3 73.9



#8
Diethyl Ether
Concen: 59.640 ug/l
RT: 3.521 min Scan# 279
Delta R.T. 0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion: 74 Resp: 36430
Ion Ratio Lower Upper
74 100
45 96.0 41.3 124.1

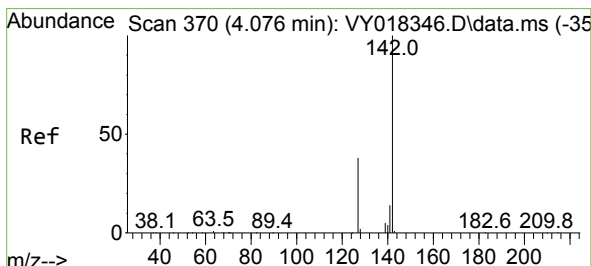
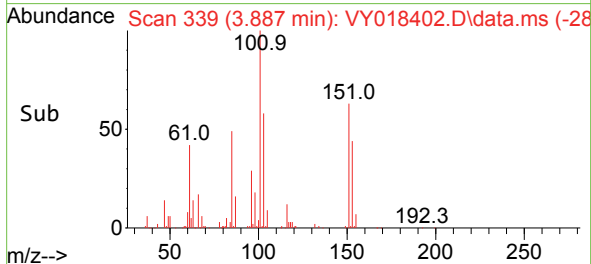
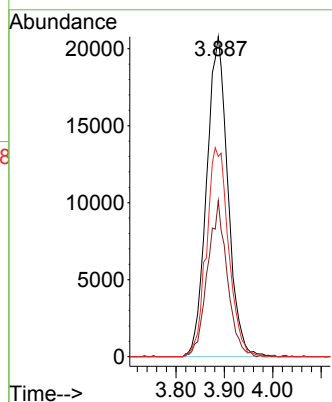
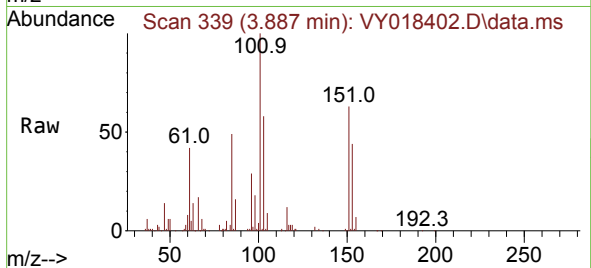




#9
1,1,2-Trichlorotrifluoroethane
Concen: 53.639 ug/l
RT: 3.887 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

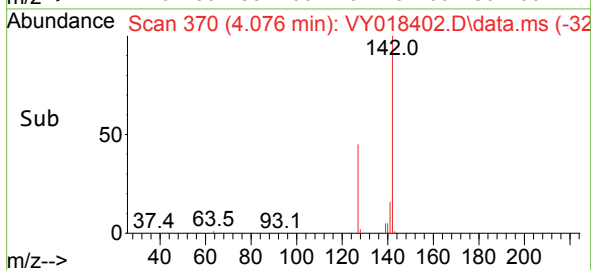
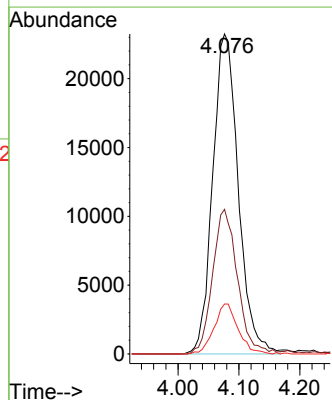
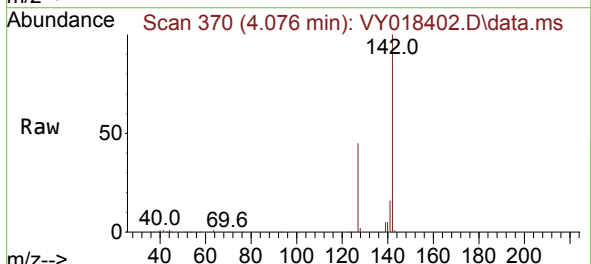
Instrument :
MSVOA_Y
ClientSampleId :

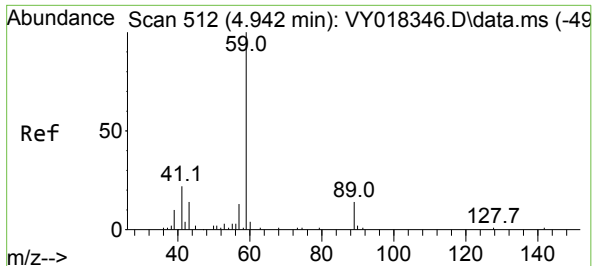
Tgt Ion:101 Resp: 63304
Ion Ratio Lower Upper
101 100
85 45.2 34.5 51.7
151 68.1 61.7 92.5



#10
Methyl Iodide
Concen: 57.078 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion:142 Resp: 67744
Ion Ratio Lower Upper
142 100
127 44.1 32.8 49.2
141 14.7 11.4 17.2

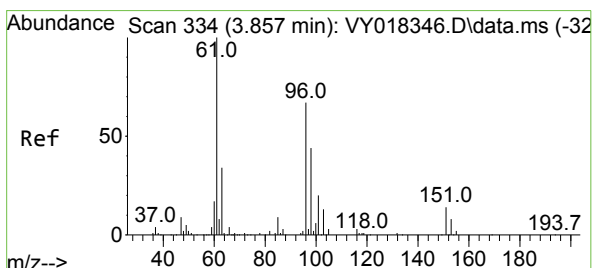
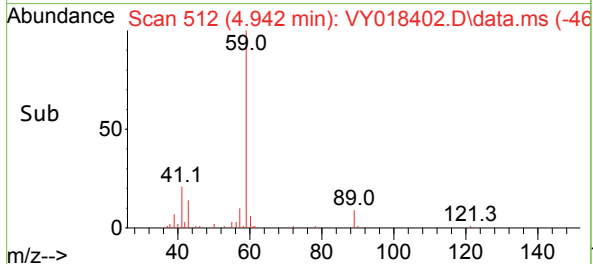
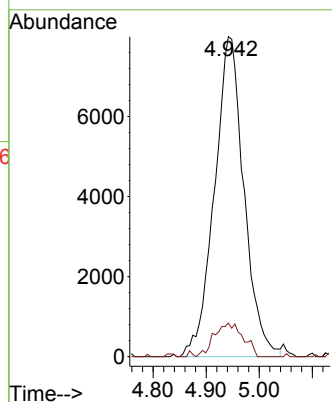
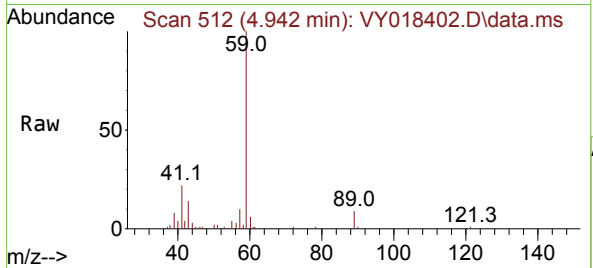




#11
Tert butyl alcohol
Concen: 338.089 ug/l
RT: 4.942 min Scan# 512
Delta R.T. -0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

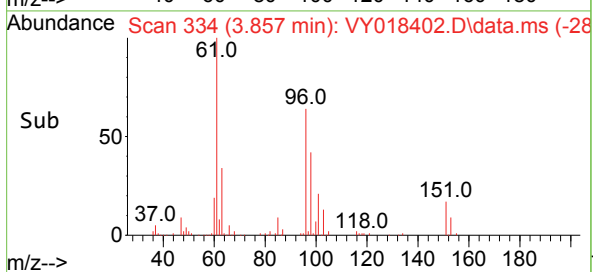
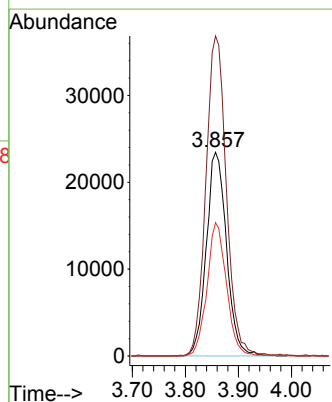
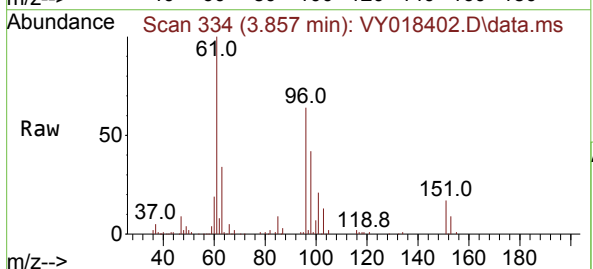
Instrument :
MSVOA_Y
ClientSampleId :

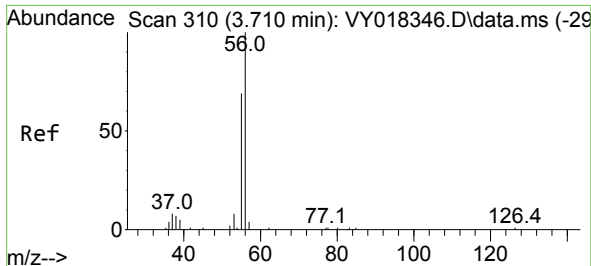
Tgt Ion: 59 Resp: 30867
Ion Ratio Lower Upper
59 100
57 10.3 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 53.493 ug/l
RT: 3.857 min Scan# 334
Delta R.T. -0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion: 96 Resp: 62178
Ion Ratio Lower Upper
96 100
61 156.8 114.6 171.8
98 65.5 50.8 76.2





#13

Acrolein

Concen: 242.293 ug/l

RT: 3.716 min Scan# 310

Delta R.T. 0.006 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

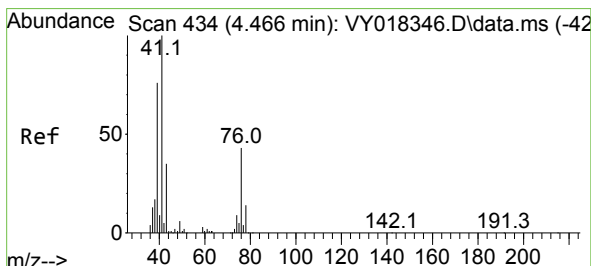
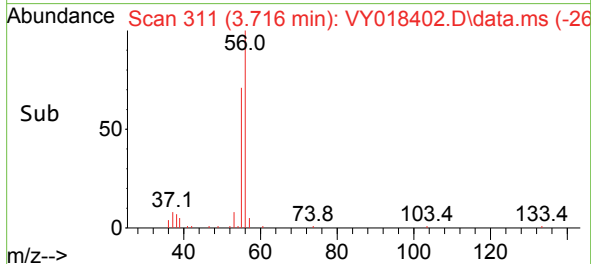
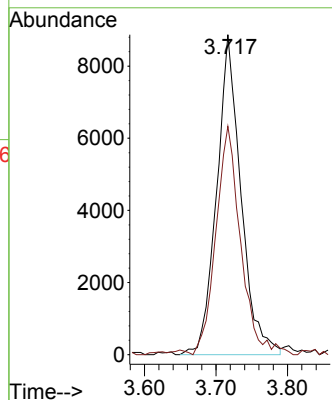
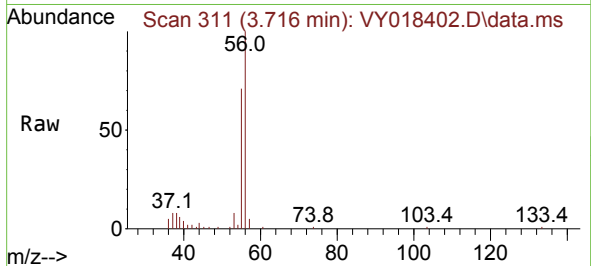
ClientSampleId :

Tgt Ion: 56 Resp: 20874

Ion Ratio Lower Upper

56 100

55 72.9 55.7 83.5



#14

Allyl chloride

Concen: 61.794 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

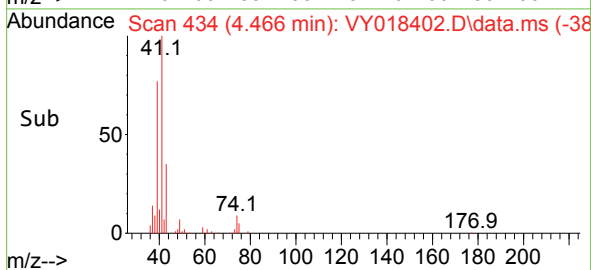
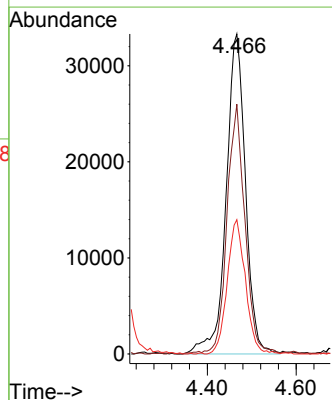
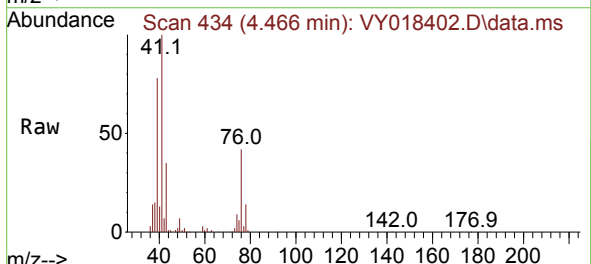
Tgt Ion: 41 Resp: 100315

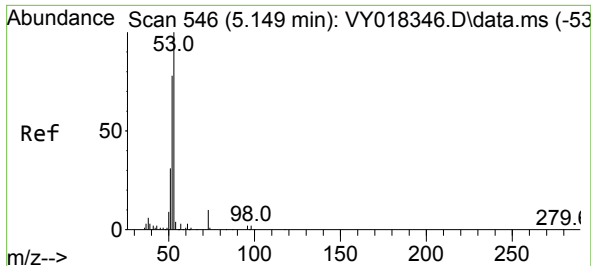
Ion Ratio Lower Upper

41 100

39 72.7 58.3 87.5

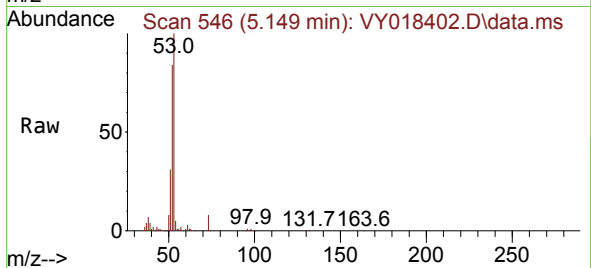
76 39.6 39.0 58.6



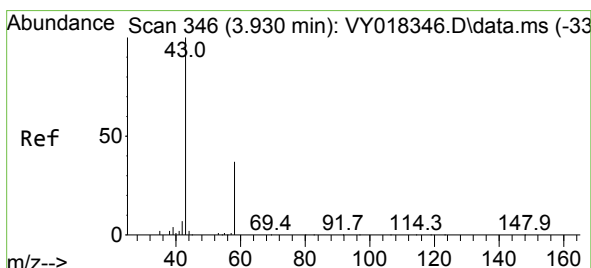
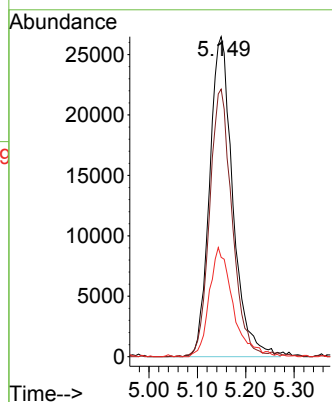
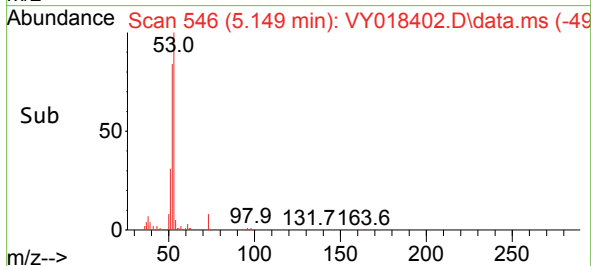


#15
Acrylonitrile
Concen: 334.410 ug/l
RT: 5.149 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

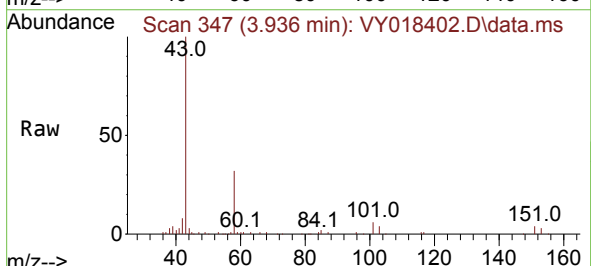
Instrument :
MSVOA_Y
ClientSampleId :



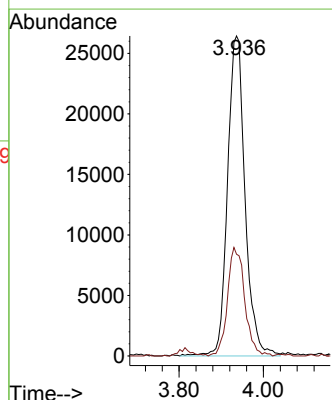
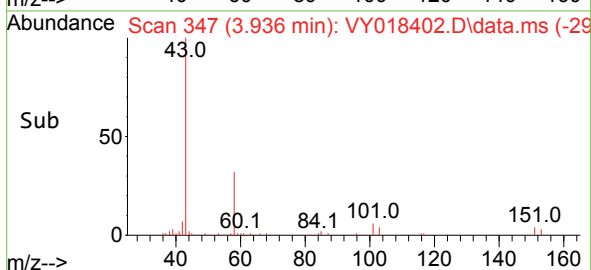
Tgt Ion: 53 Resp: 88352
Ion Ratio Lower Upper
53 100
52 80.9 64.7 97.1
51 35.0 28.4 42.6

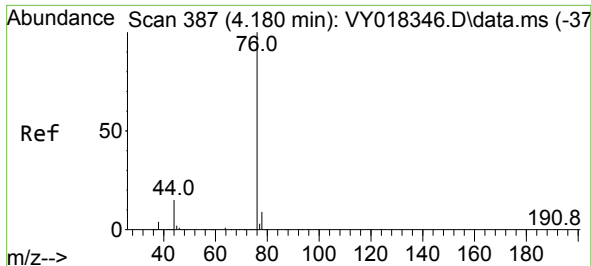


#16
Acetone
Concen: 355.169 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15



Tgt Ion: 43 Resp: 76029
Ion Ratio Lower Upper
43 100
58 31.4 31.7 47.5#

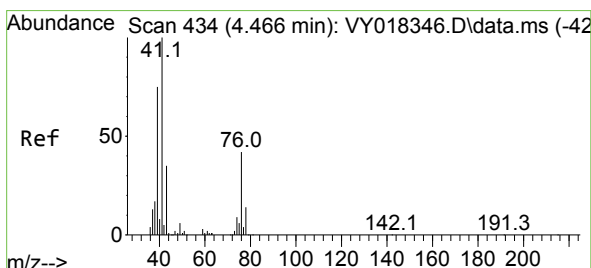
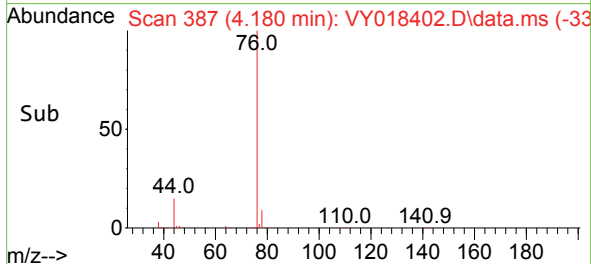
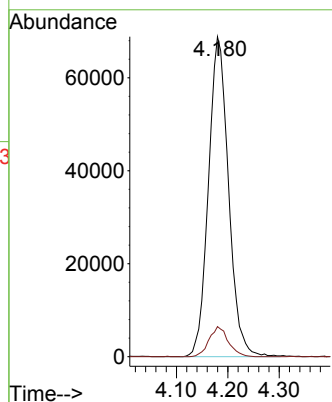
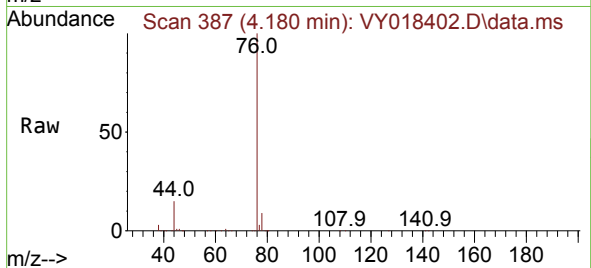




#17
Carbon Disulfide
Concen: 57.545 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

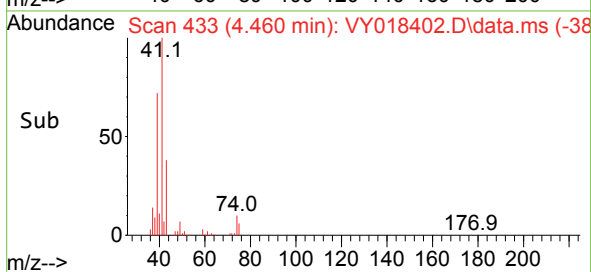
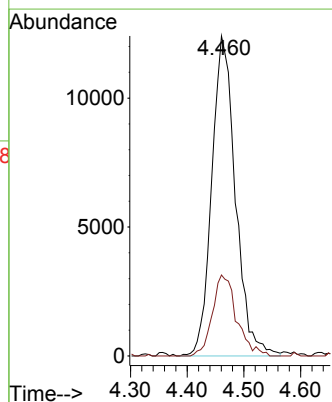
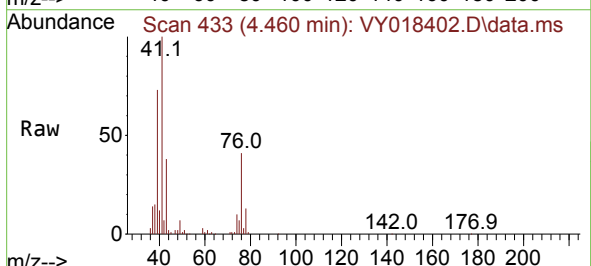
Instrument :
MSVOA_Y
ClientSampleId :

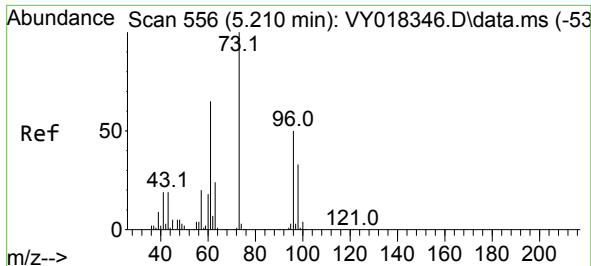
Tgt Ion: 76 Resp: 186784
Ion Ratio Lower Upper
76 100
78 9.4 6.8 10.2



#18
Methyl Acetate
Concen: 63.609 ug/l
RT: 4.460 min Scan# 433
Delta R.T. -0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion: 43 Resp: 36091
Ion Ratio Lower Upper
43 100
74 25.8 23.3 34.9

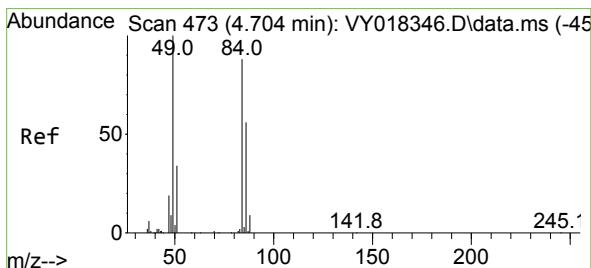
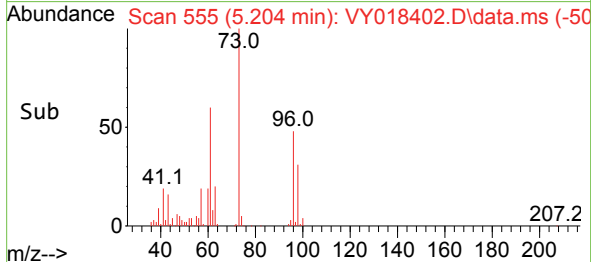
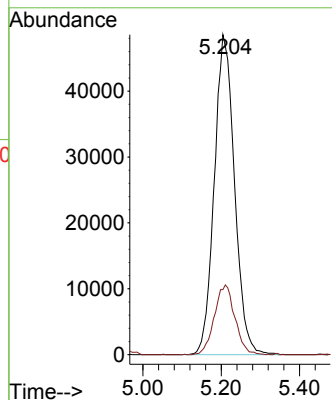
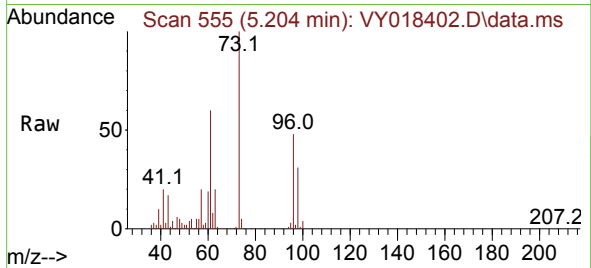




#19
Methyl tert-butyl Ether
Concen: 62.554 ug/l
RT: 5.204 min Scan# 51
Delta R.T. -0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

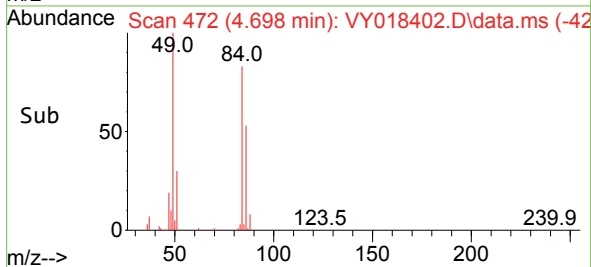
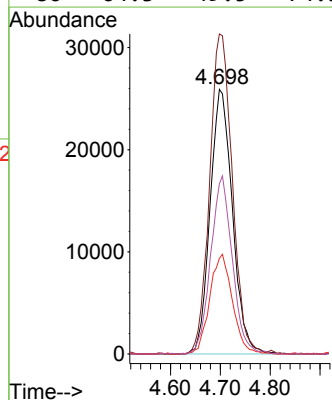
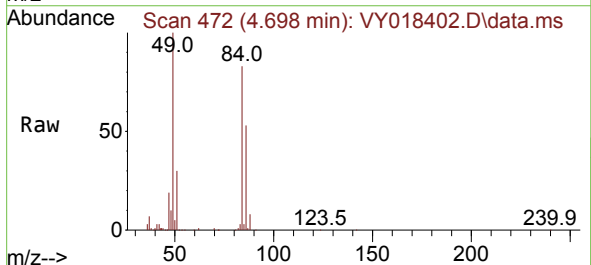
Instrument :
MSVOA_Y
ClientSampleId :

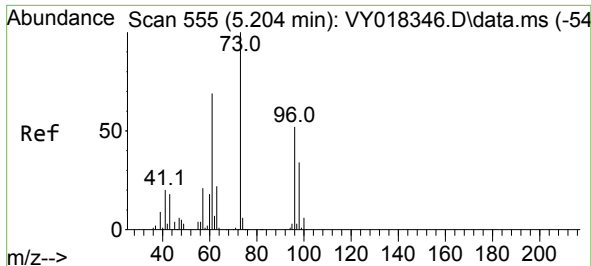
Tgt Ion: 73 Resp: 174348
Ion Ratio Lower Upper
73 100
57 20.4 17.3 25.9



#20
Methylene Chloride
Concen: 67.098 ug/l
RT: 4.698 min Scan# 472
Delta R.T. -0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

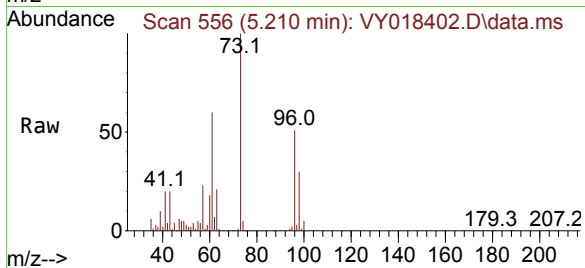
Tgt Ion: 84 Resp: 80662
Ion Ratio Lower Upper
84 100
49 120.9 84.4 126.6
51 36.1 26.0 39.0
86 64.3 49.5 74.3



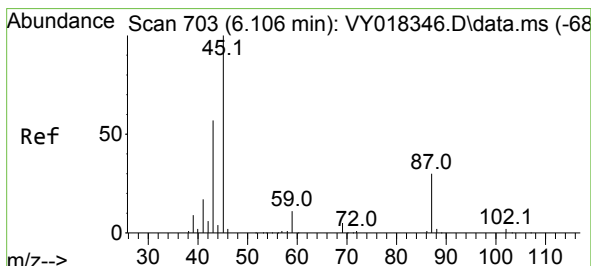
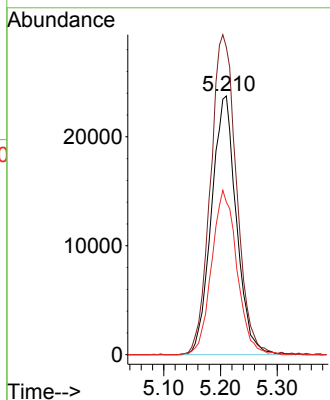
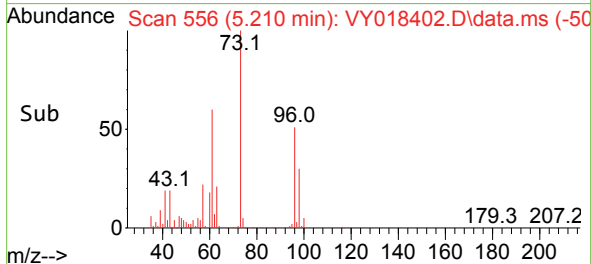


#21
trans-1,2-Dichloroethene
Concen: 59.238 ug/l
RT: 5.210 min Scan# 51
Delta R.T. 0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

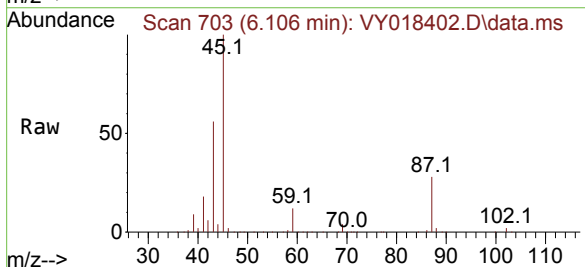
Instrument :
MSVOA_Y
ClientSampleId :



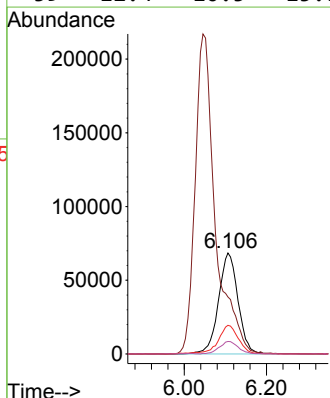
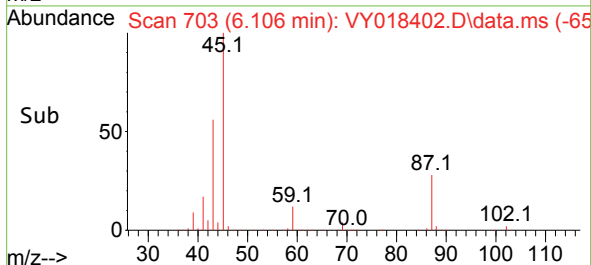
Tgt Ion: 96 Resp: 72637
Ion Ratio Lower Upper
96 100
61 118.9 97.5 146.3
98 59.0 50.5 75.7

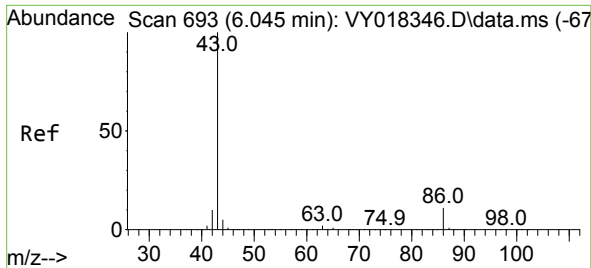


#22
Diisopropyl ether
Concen: 66.794 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15



Tgt Ion: 45 Resp: 225329
Ion Ratio Lower Upper
45 100
43 56.1 42.2 63.2
87 28.5 25.0 37.6
59 12.4 10.5 15.7

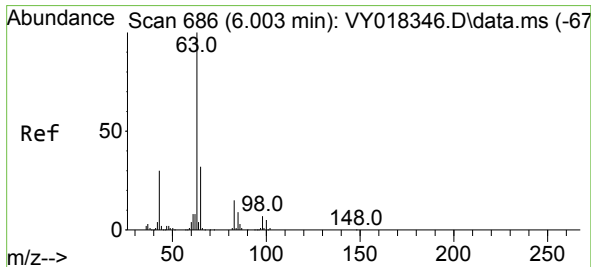
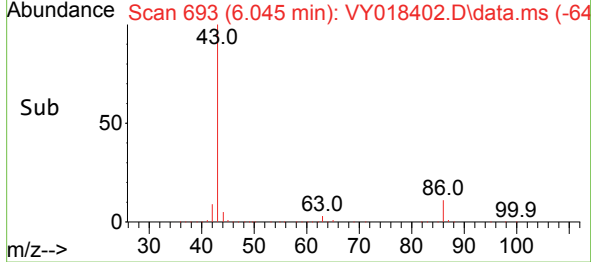
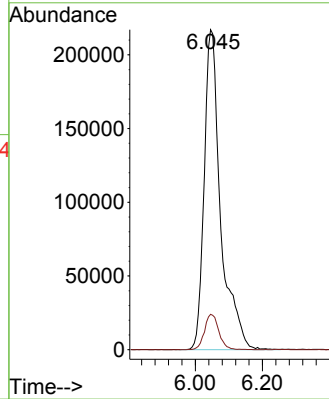
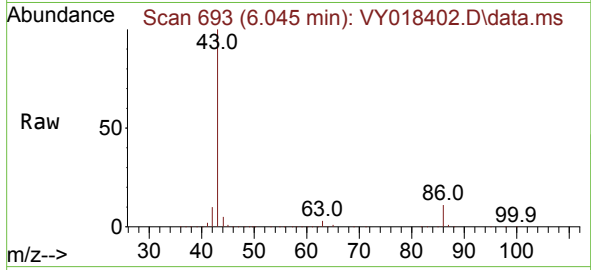




#23
 Vinyl Acetate
 Concen: 342.055 ug/l
 RT: 6.045 min Scan# 693
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

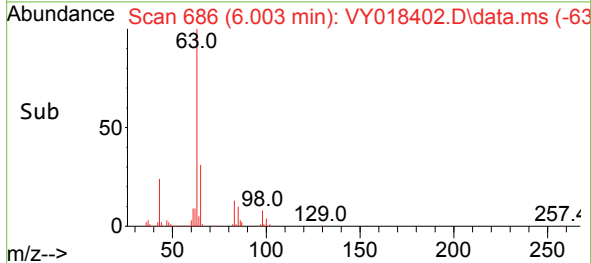
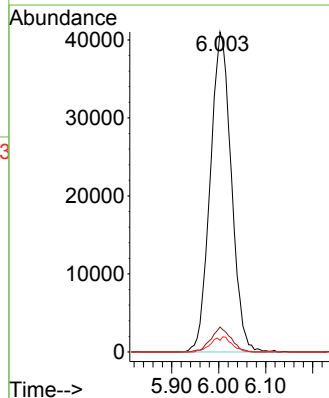
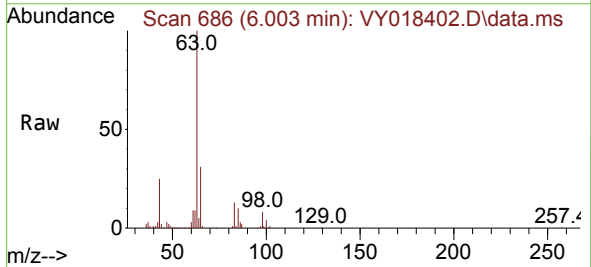
Instrument :
 MSVOA_Y
 ClientSampleId :

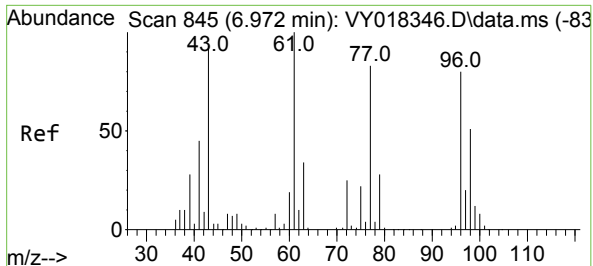
Tgt Ion: 43 Resp: 738882
 Ion Ratio Lower Upper
 43 100
 86 11.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 61.675 ug/l
 RT: 6.003 min Scan# 686
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

Tgt Ion: 63 Resp: 127599
 Ion Ratio Lower Upper
 63 100
 98 7.8 4.0 12.2
 100 3.6 2.6 8.0





#25

2-Butanone

Concen: 340.171 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

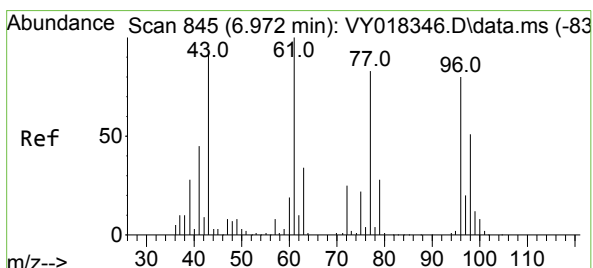
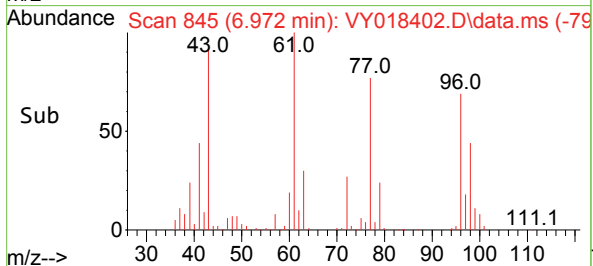
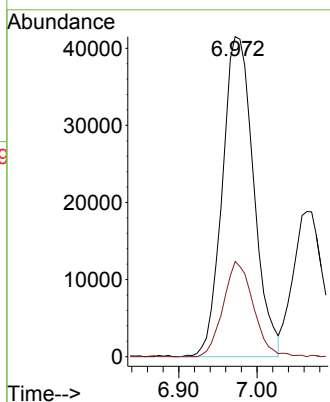
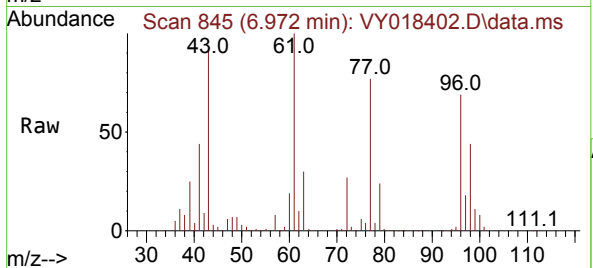
ClientSampleId :

Tgt Ion: 43 Resp: 115395

Ion Ratio Lower Upper

43 100

72 29.7 27.3 40.9



#26

2,2-Dichloropropane

Concen: 57.630 ug/l

RT: 6.972 min Scan# 845

Delta R.T. 0.000 min

Lab File: VY018402.D

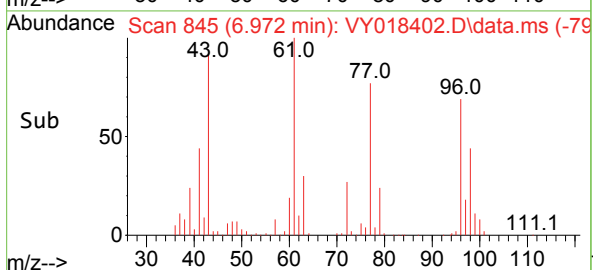
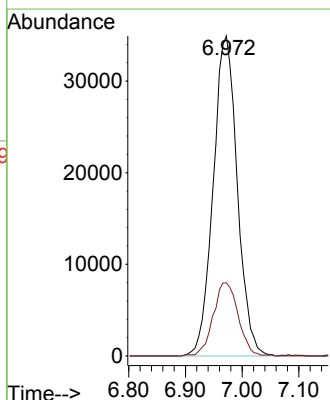
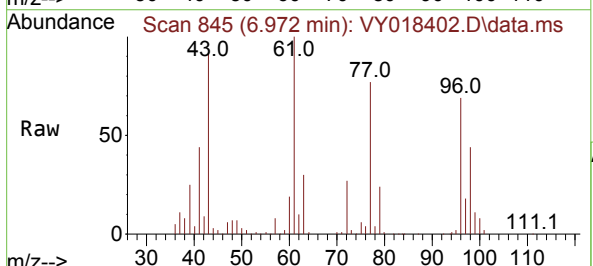
Acq: 29 May 2024 16:15

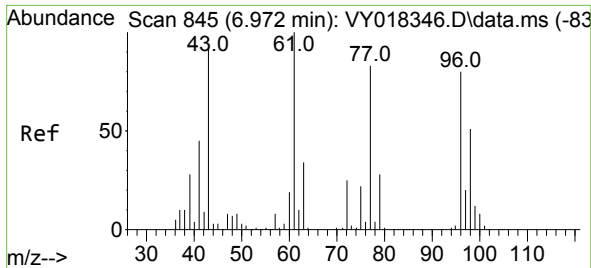
Tgt Ion: 77 Resp: 103068

Ion Ratio Lower Upper

77 100

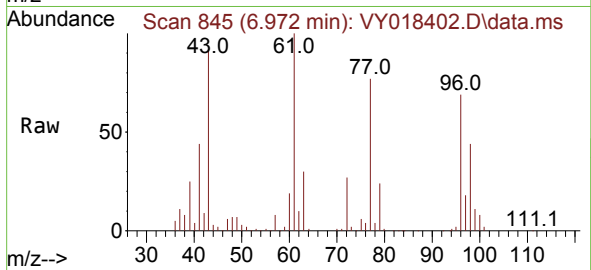
97 23.8 12.0 36.1



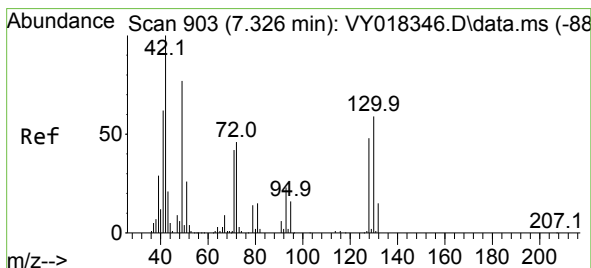
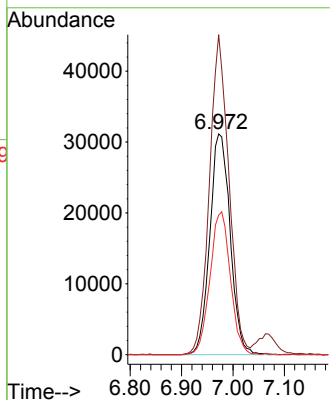
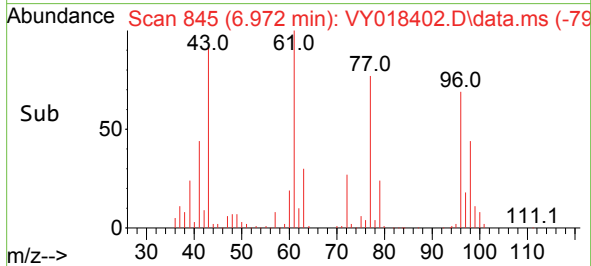


#27
 cis-1,2-Dichloroethene
 Concen: 59.527 ug/l
 RT: 6.972 min Scan# 845
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

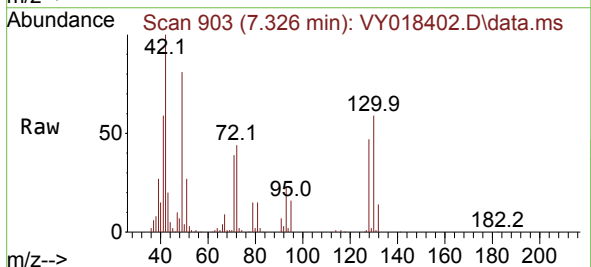
Instrument :
 MSVOA_Y
 ClientSampleId :



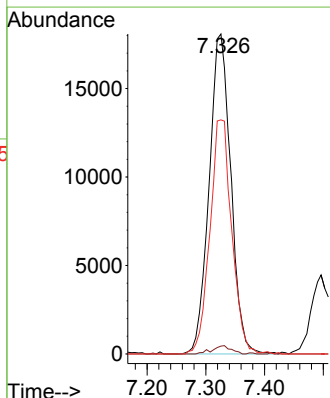
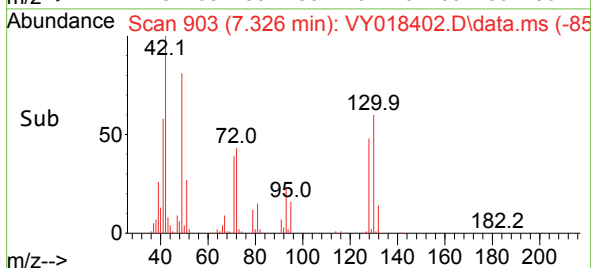
Tgt Ion:	96	Resp:	85771
Ion	Ratio	Lower	Upper
96	100		
61	138.4	0.0	256.2
98	64.7	0.0	130.0

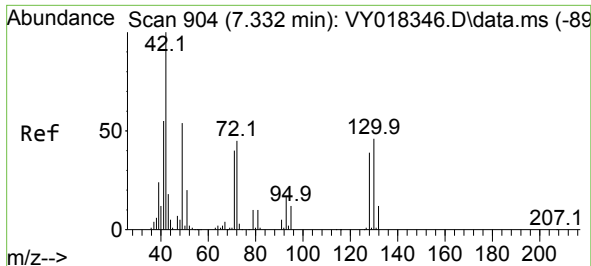


#28
 Bromochloromethane
 Concen: 66.041 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15



Tgt Ion:	49	Resp:	46405
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.6
130	73.4	72.7	109.1





#29

Tetrahydrofuran

Concen: 342.877 ug/l

RT: 7.338 min Scan# 904

Delta R.T. 0.006 min

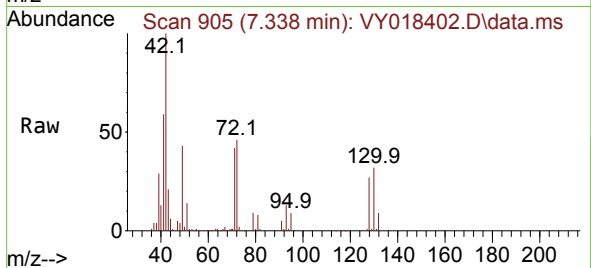
Lab File: VY018402.D

Acq: 29 May 2024 16:15

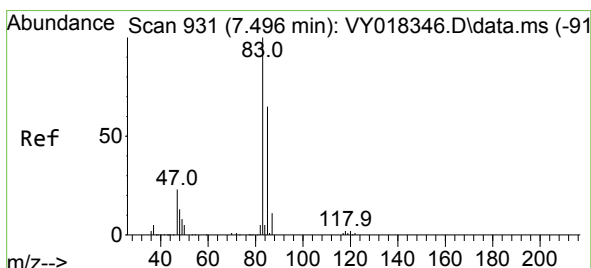
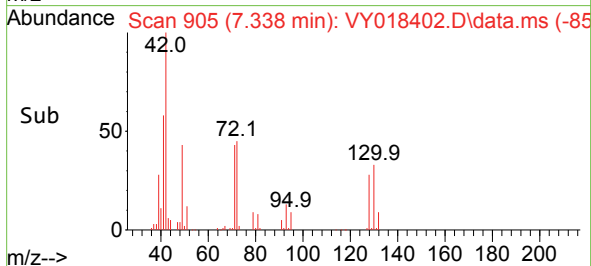
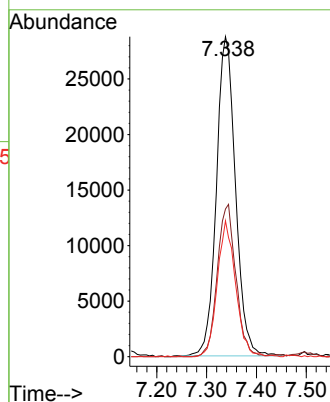
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	42	Resp:	76558
Ion Ratio	Lower	Upper	
42	100		
72	46.5	43.0	64.4
71	40.7	40.8	61.2#



#30

Chloroform

Concen: 61.777 ug/l

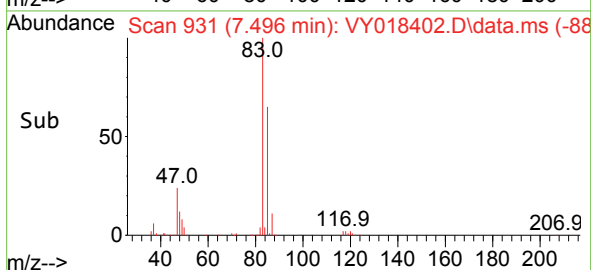
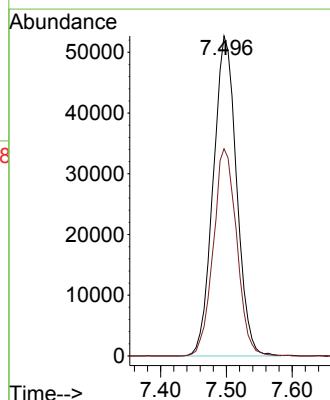
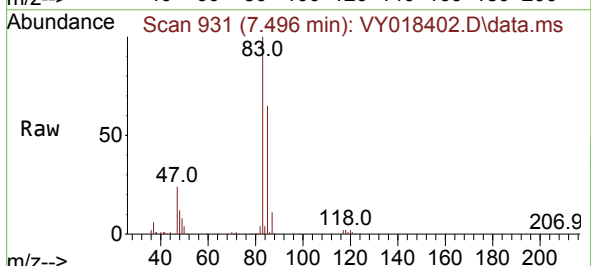
RT: 7.496 min Scan# 931

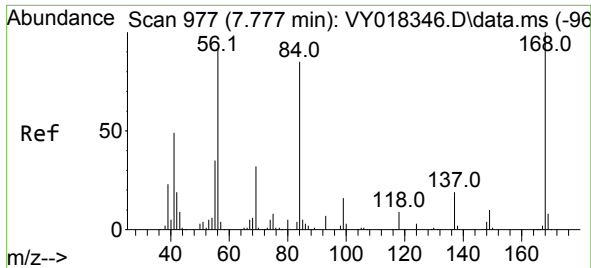
Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

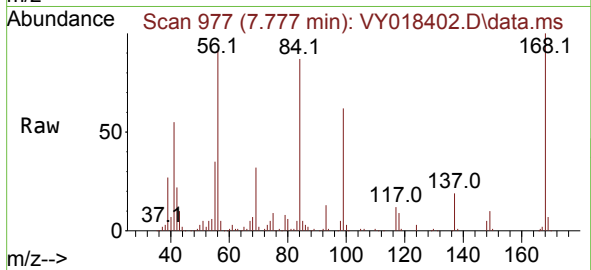
Tgt Ion:	83	Resp:	130273
Ion Ratio	Lower	Upper	
83	100		
85	64.7	52.2	78.4



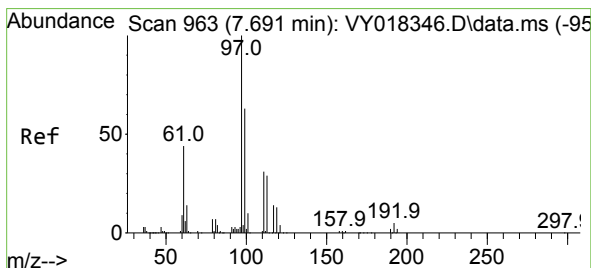
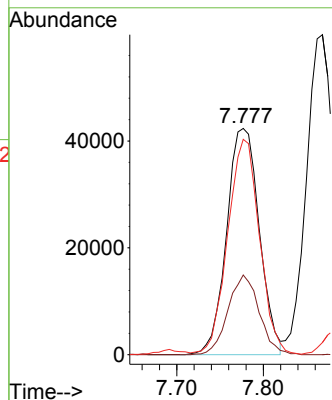
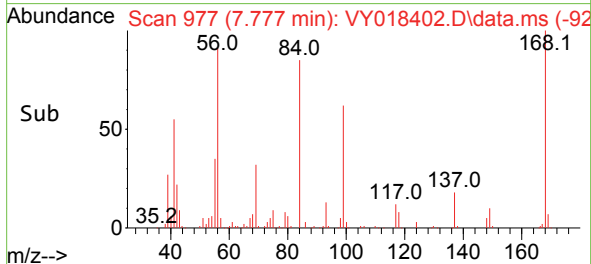


#31
Cyclohexane
Concen: 61.157 ug/l
RT: 7.777 min Scan# 911
Delta R.T. -0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

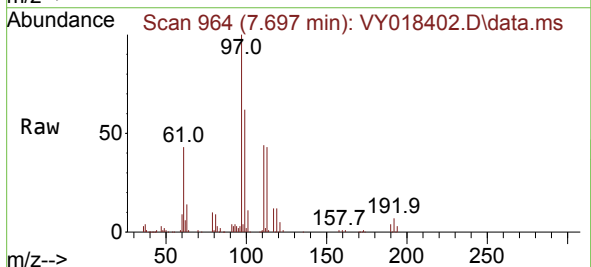
Instrument :
MSVOA_Y
ClientSampleId :



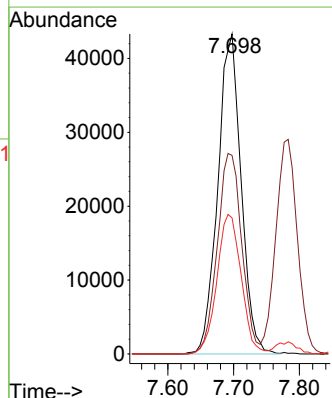
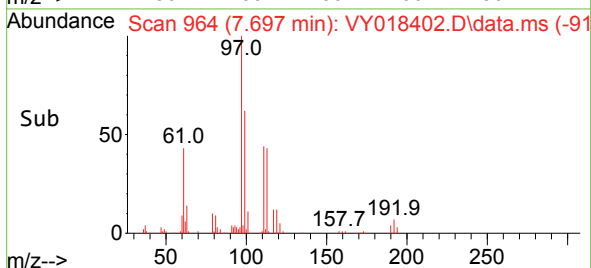
Tgt Ion: 56 Resp: 111077
Ion Ratio Lower Upper
56 100
69 35.3 28.7 43.1
84 94.0 77.7 116.5

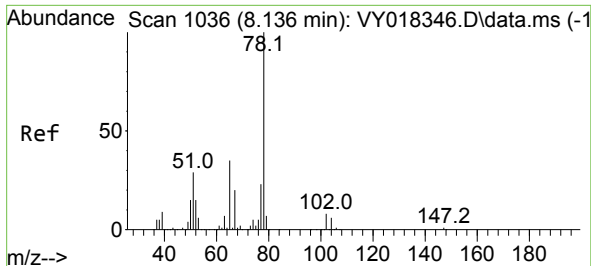


#32
1,1,1-Trichloroethane
Concen: 57.778 ug/l
RT: 7.697 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15



Tgt Ion: 97 Resp: 106941
Ion Ratio Lower Upper
97 100
99 65.8 50.3 75.5
61 45.4 32.6 48.8

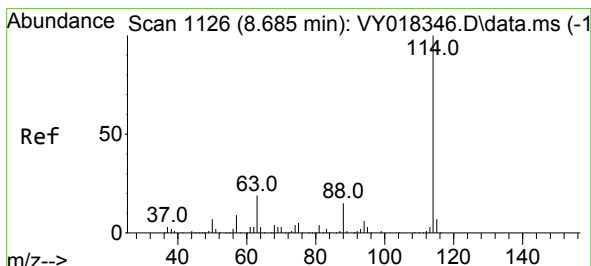
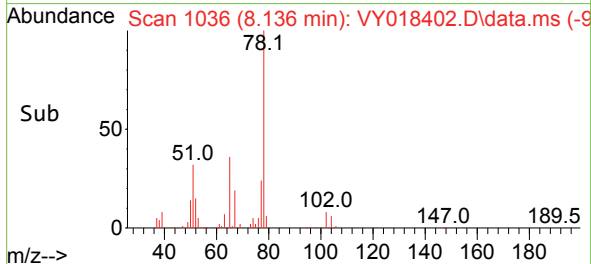
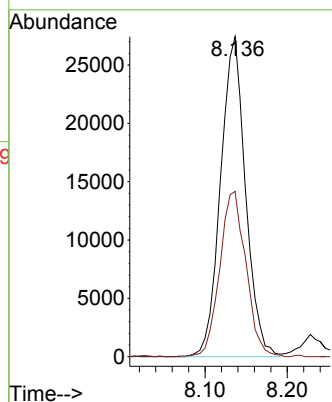
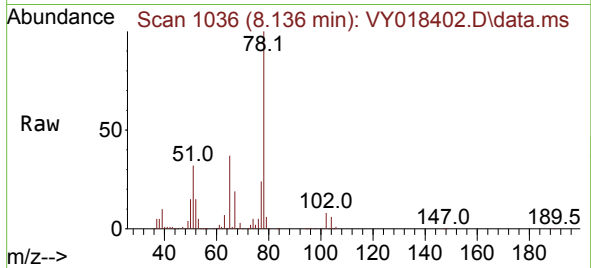




#33
 1,2-Dichloroethane-d4
 Concen: 55.691 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

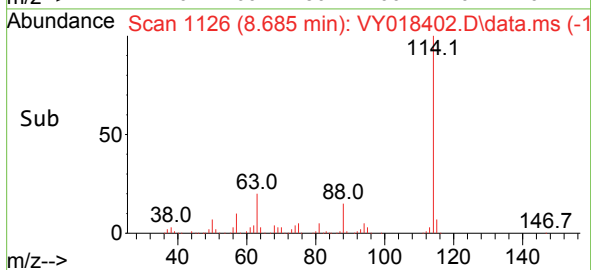
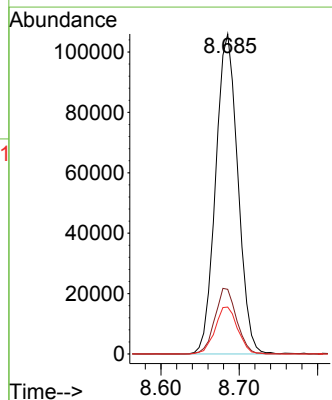
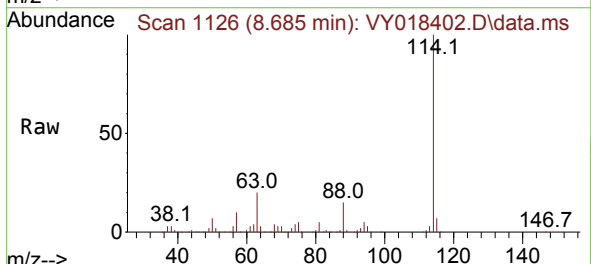
Instrument :
 MSVOA_Y
 ClientSampleId :

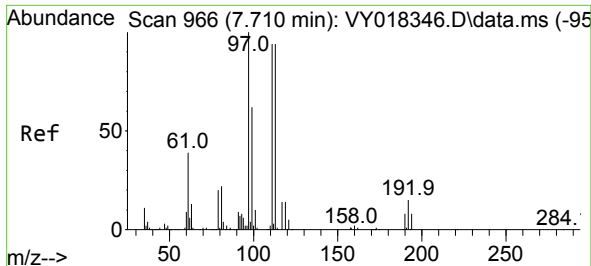
Tgt Ion: 65 Resp: 57962
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

Tgt Ion: 114 Resp: 208681
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 35.0
 88 14.6 0.0 27.2

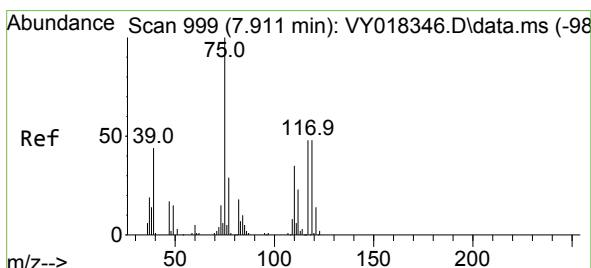
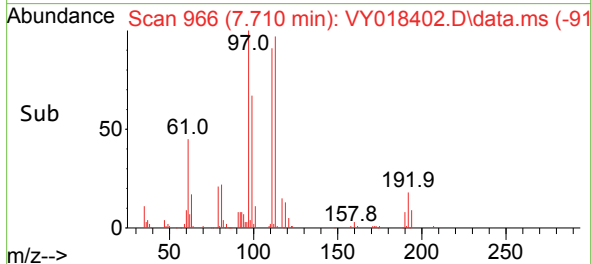
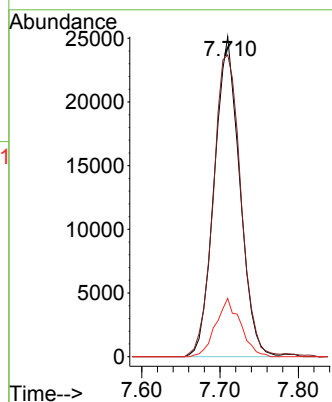
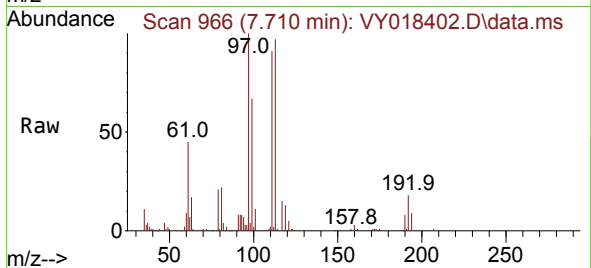




#35
Dibromofluoromethane
Concen: 46.557 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

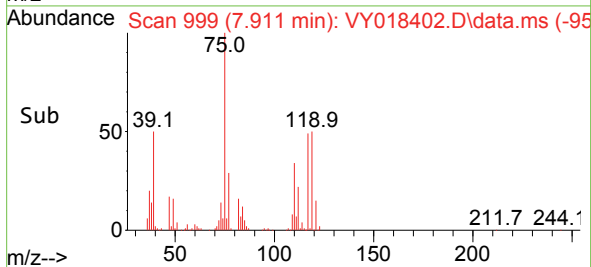
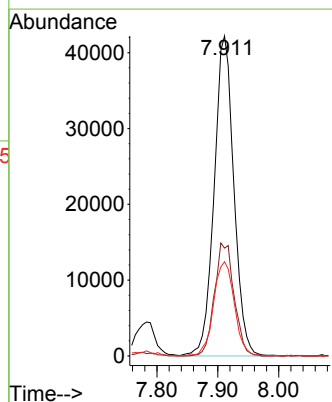
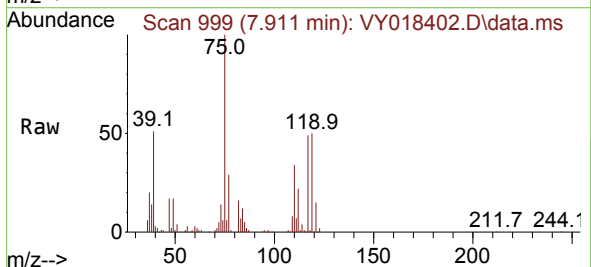
Instrument :
MSVOA_Y
ClientSampleId :

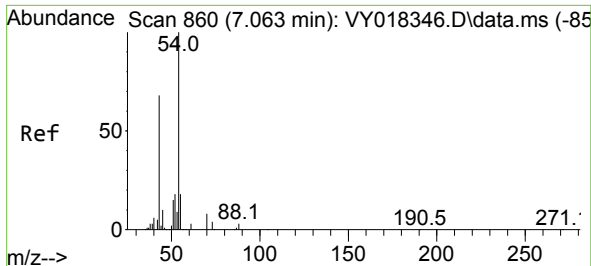
Tgt Ion:113 Resp: 56657
Ion Ratio Lower Upper
113 100
111 101.9 82.2 123.4
192 17.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 53.752 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion: 75 Resp: 94861
Ion Ratio Lower Upper
75 100
110 35.3 19.0 57.0
77 31.1 25.3 37.9





#37

Ethyl Acetate

Concen: 61.884 ug/l

RT: 7.063 min Scan# 860

Delta R.T. 0.000 min

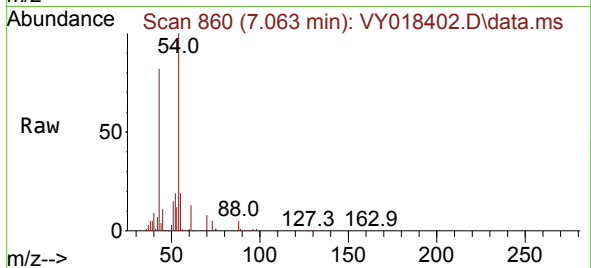
Lab File: VY018402.D

Acq: 29 May 2024 16:15

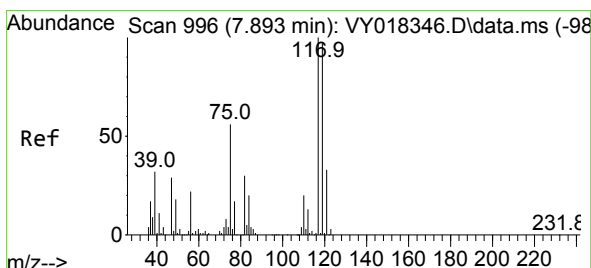
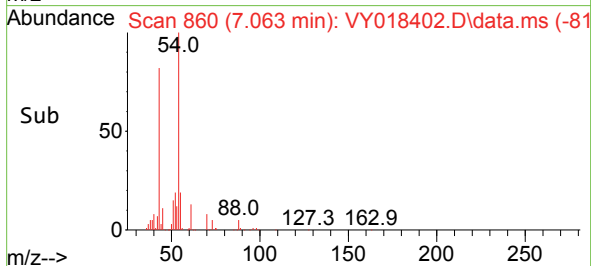
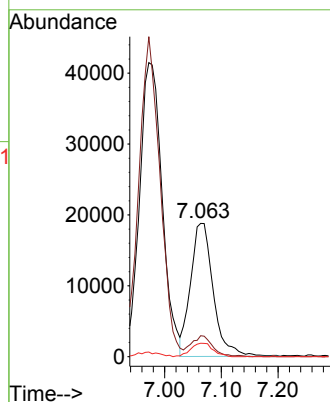
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	52245
Ion	Ratio	Lower	Upper
43	100		
61	13.5	12.6	19.0
70	10.0	7.8	11.8



#38

Carbon Tetrachloride

Concen: 50.045 ug/l

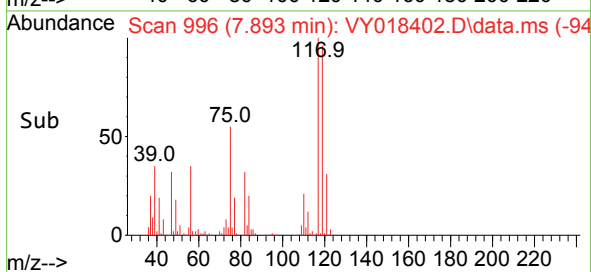
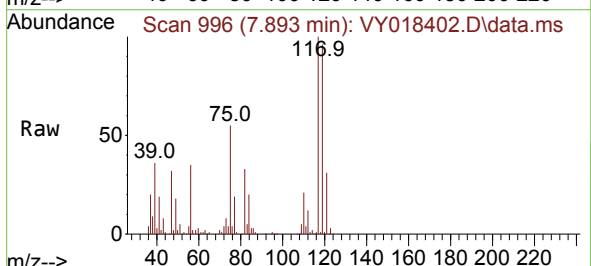
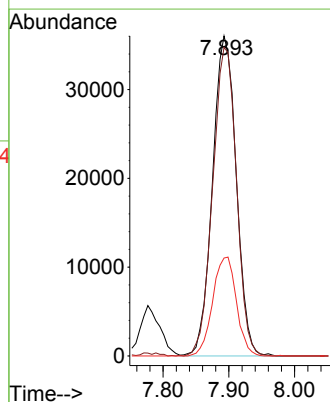
RT: 7.893 min Scan# 996

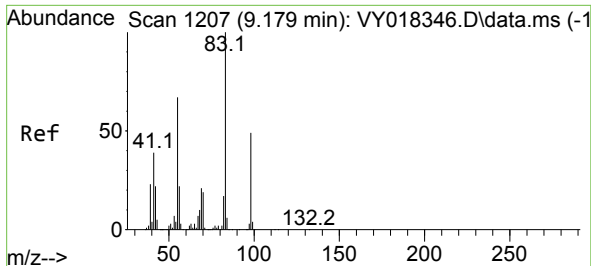
Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Tgt Ion:	117	Resp:	90459
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.6
121	30.6	24.0	36.0





#39

Methylcyclohexane

Concen: 50.480 ug/l

RT: 9.179 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

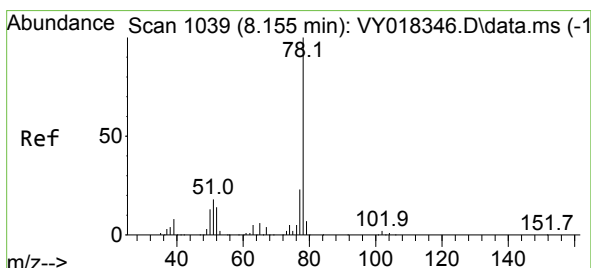
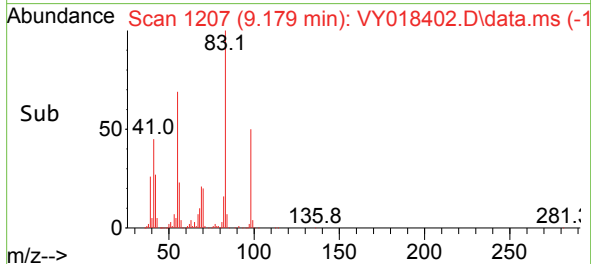
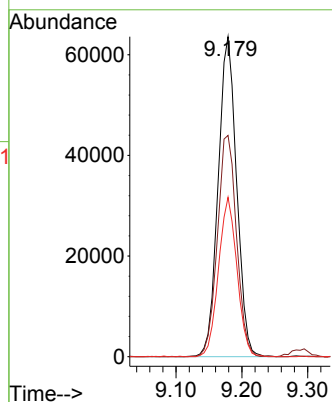
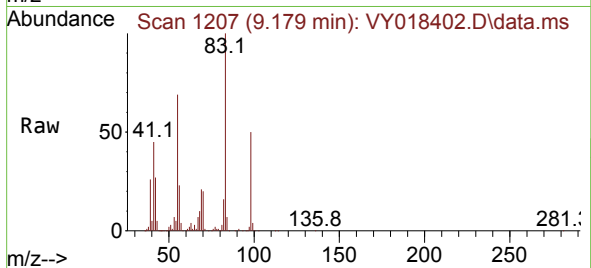
Tgt Ion: 83 Resp: 124276

Ion Ratio Lower Upper

83 100

55 69.1 51.5 77.3

98 49.8 40.5 60.7



#40

Benzene

Concen: 56.121 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018402.D

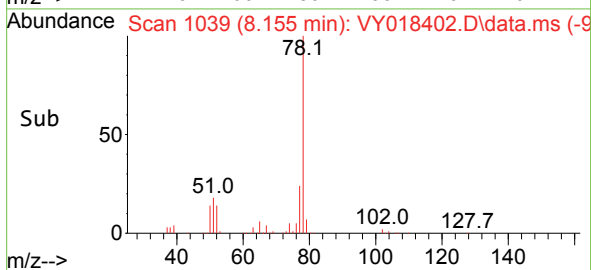
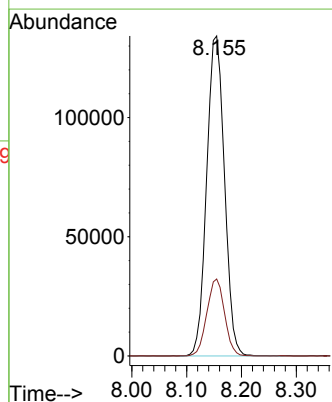
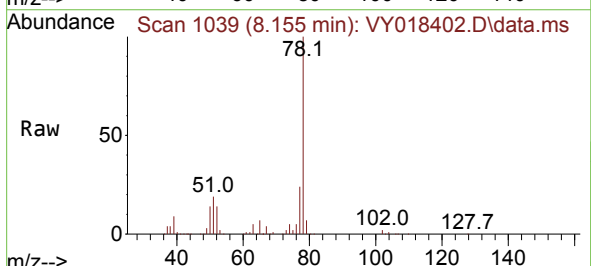
Acq: 29 May 2024 16:15

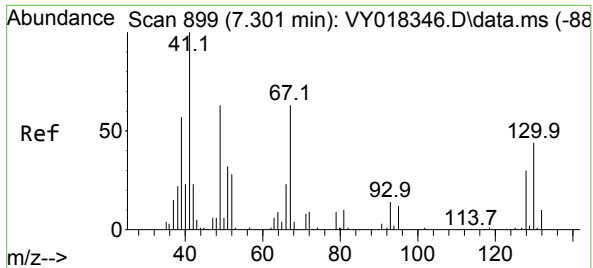
Tgt Ion: 78 Resp: 301930

Ion Ratio Lower Upper

78 100

77 24.0 19.5 29.3

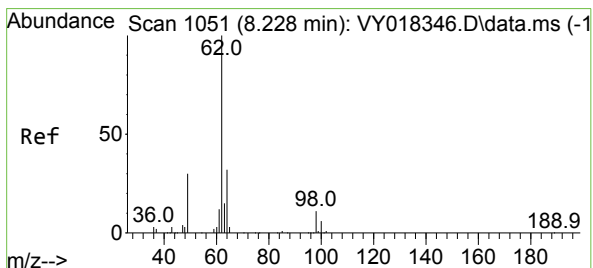
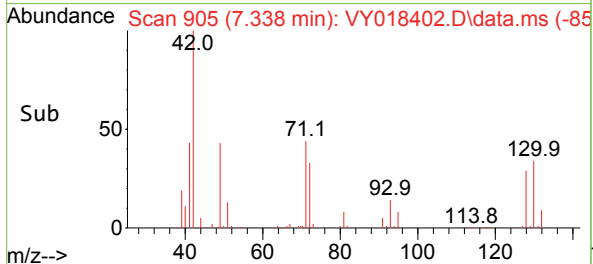
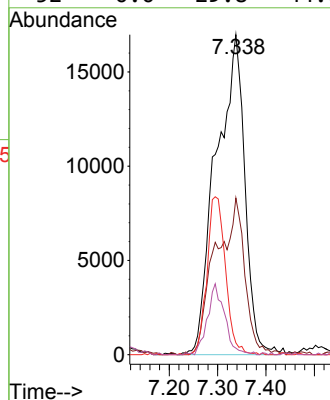
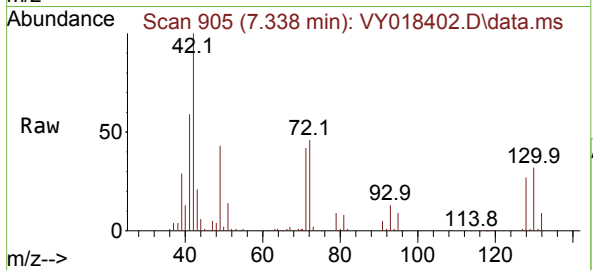




#41
Methacrylonitrile
Concen: 165.405 ug/l
RT: 7.338 min Scan# 905
Delta R.T. 0.037 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

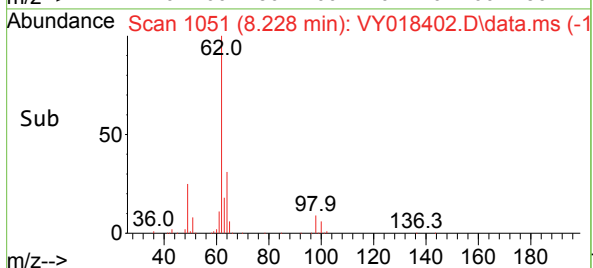
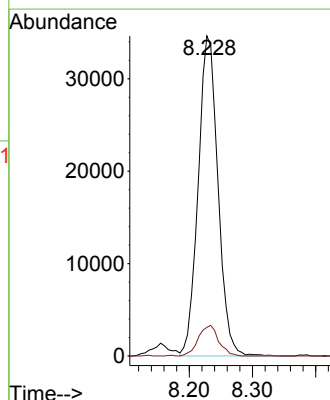
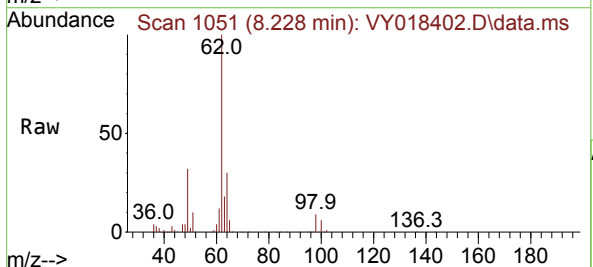
Instrument :
MSVOA_Y
ClientSampleId :

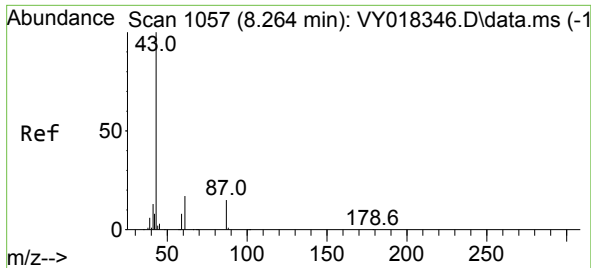
Tgt Ion: 41 Resp: 69704
Ion Ratio Lower Upper
41 100
39 49.9 48.0 72.0
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 58.335 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion: 62 Resp: 75492
Ion Ratio Lower Upper
62 100
98 9.8 0.0 22.0

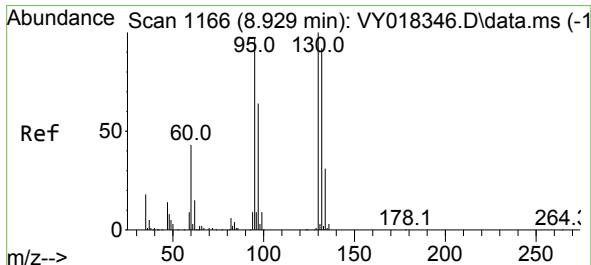
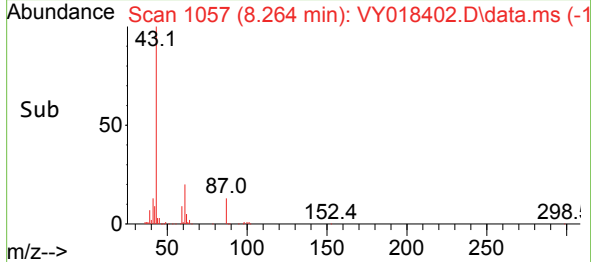
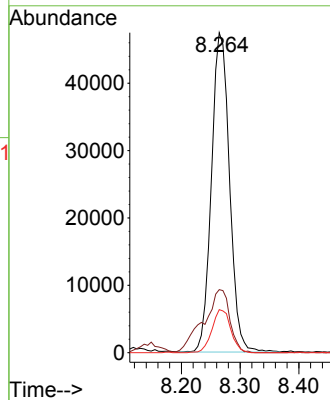
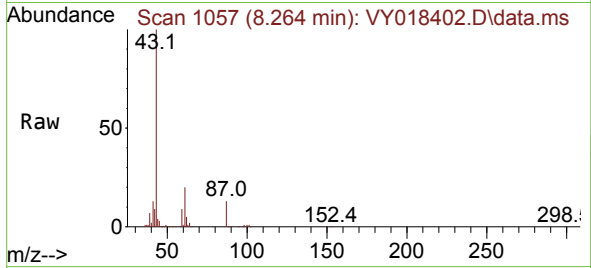




#43
Isopropyl Acetate
Concen: 61.469 ug/l
RT: 8.264 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

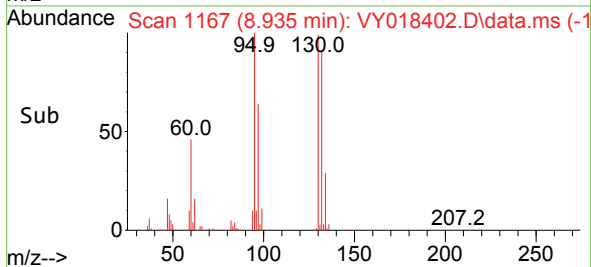
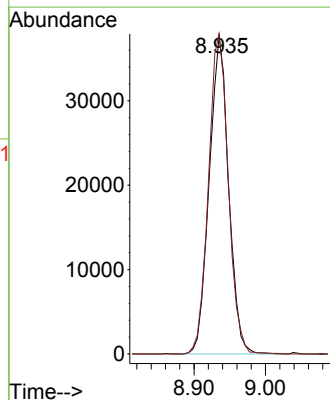
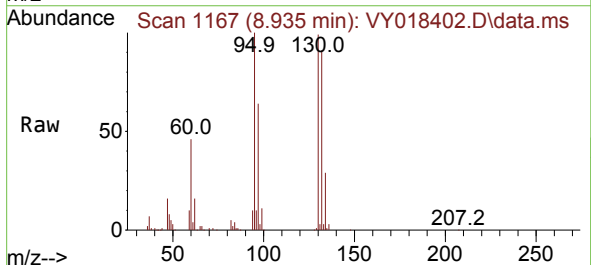
Instrument :
MSVOA_Y
ClientSampleId :

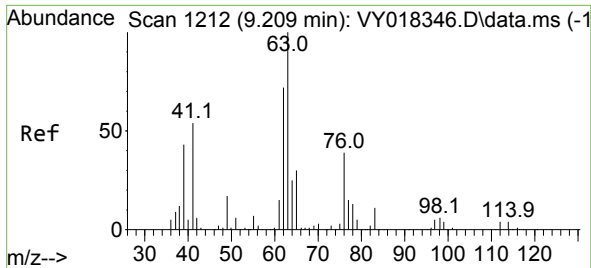
Tgt Ion: 43 Resp: 101254
Ion Ratio Lower Upper
43 100
61 28.6 27.9 41.9
87 14.0 13.1 19.7



#44
Trichloroethene
Concen: 51.269 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion:130 Resp: 70701
Ion Ratio Lower Upper
130 100
95 100.7 0.0 188.0

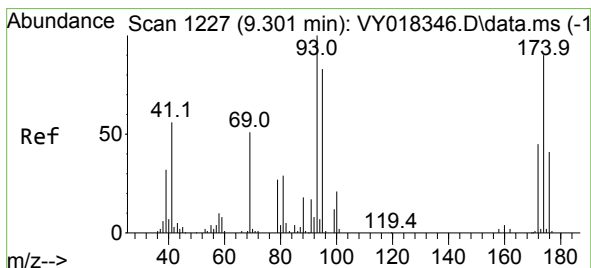
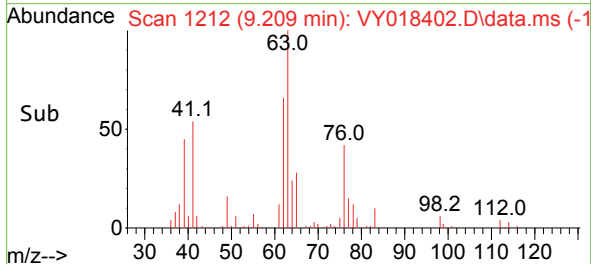
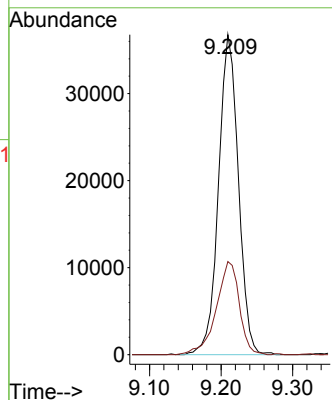
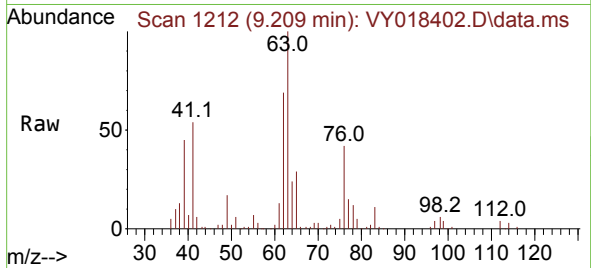




#45
1,2-Dichloropropane
Concen: 58.681 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

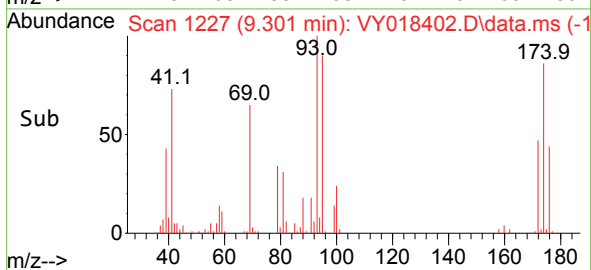
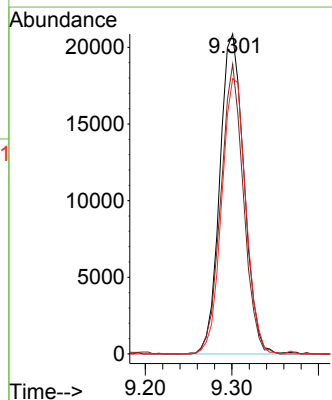
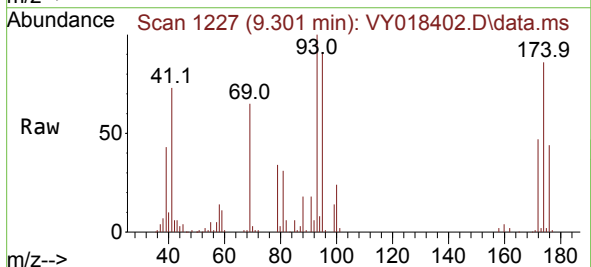
Instrument :
MSVOA_Y
ClientSampleId :

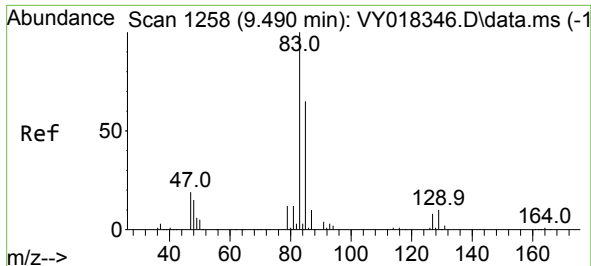
Tgt Ion: 63 Resp: 71004
Ion Ratio Lower Upper
63 100
65 28.8 25.4 38.2



#46
Dibromomethane
Concen: 57.030 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion: 93 Resp: 40492
Ion Ratio Lower Upper
93 100
95 84.9 66.2 99.4
174 85.9 80.9 121.3

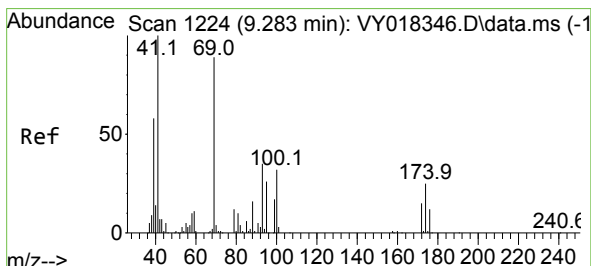
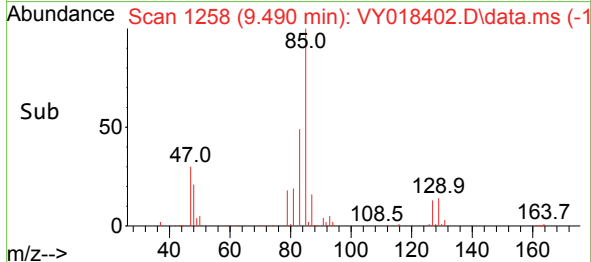
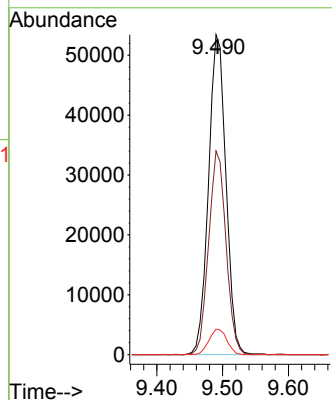
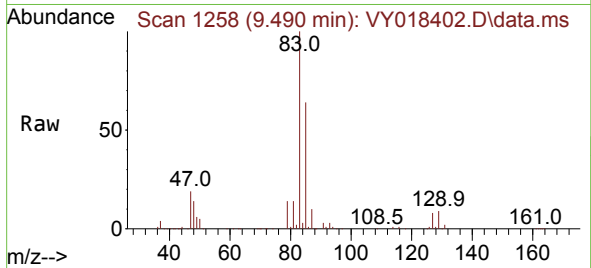




#47
Bromodichloromethane
Concen: 57.171 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

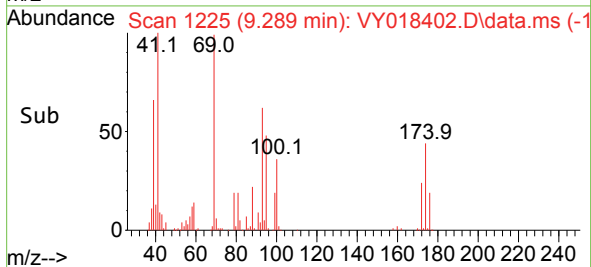
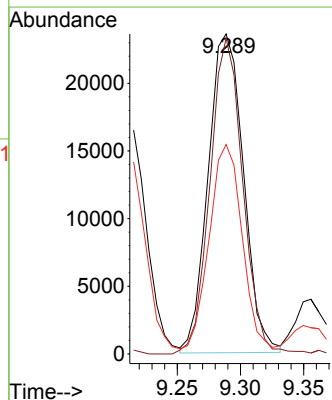
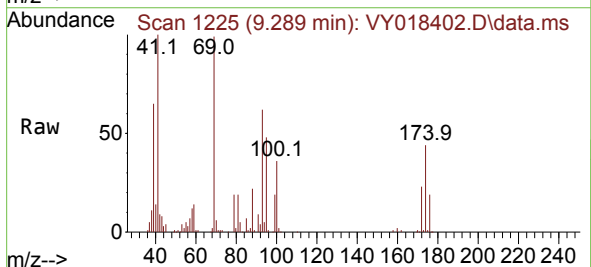
Instrument :
MSVOA_Y
ClientSampleId :

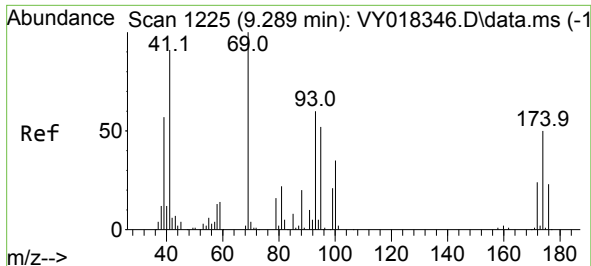
Tgt Ion: 83 Resp: 98512
Ion Ratio Lower Upper
83 100
85 63.6 50.1 75.1
127 8.0 7.4 11.0



#48
Methyl methacrylate
Concen: 61.445 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion: 41 Resp: 45783
Ion Ratio Lower Upper
41 100
69 91.9 84.1 126.1
39 59.1 43.6 65.4





#49

1,4-Dioxane

Concen: 1202.440 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

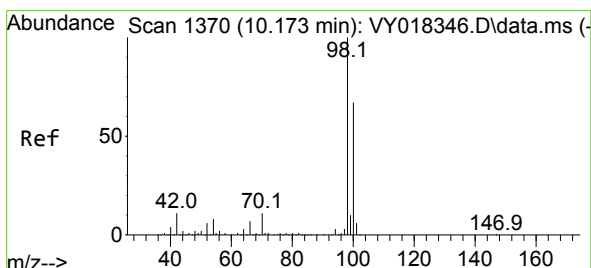
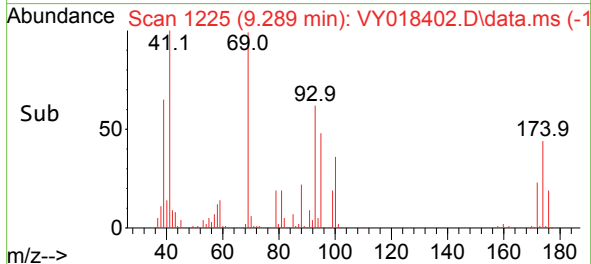
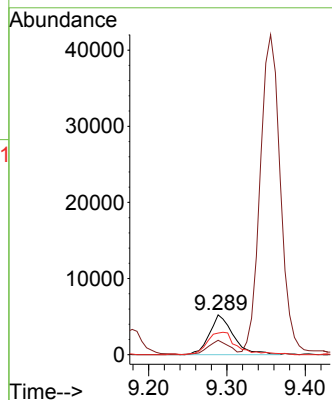
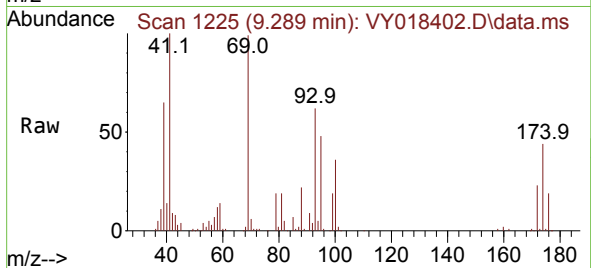
Tgt Ion: 88 Resp: 11077

Ion Ratio Lower Upper

88 100

43 32.1 0.0 0.0#

58 69.5 49.3 73.9



#50

Toluene-d8

Concen: 47.952 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018402.D

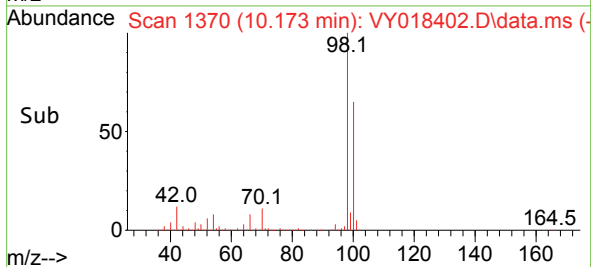
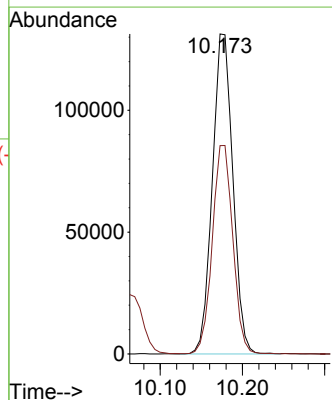
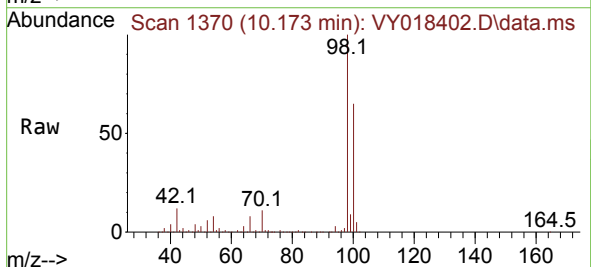
Acq: 29 May 2024 16:15

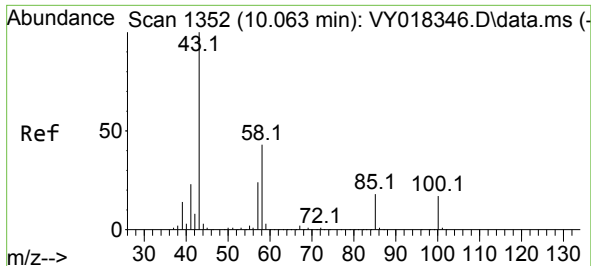
Tgt Ion: 98 Resp: 227511

Ion Ratio Lower Upper

98 100

100 65.2 52.0 78.0

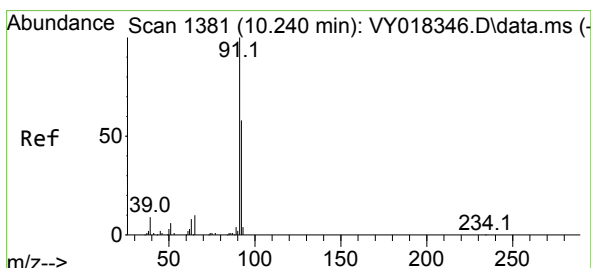
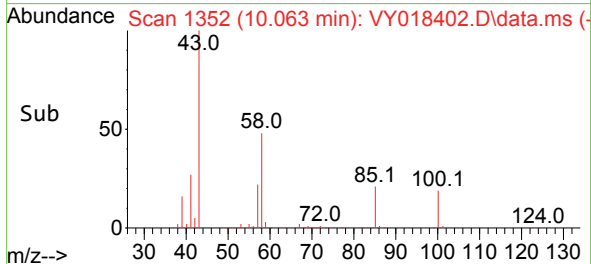
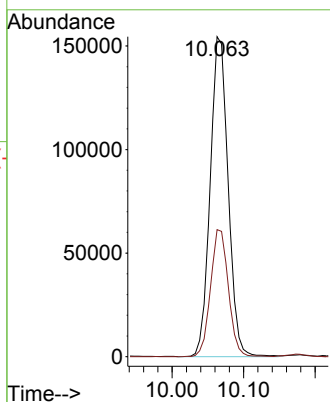
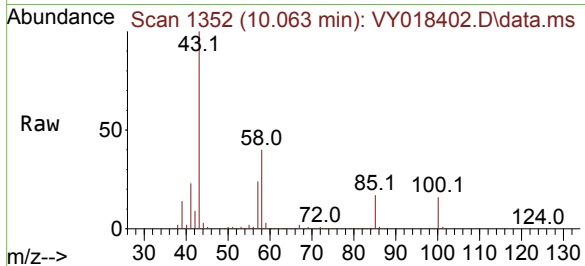




#51
4-Methyl-2-Pentanone
Concen: 324.138 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

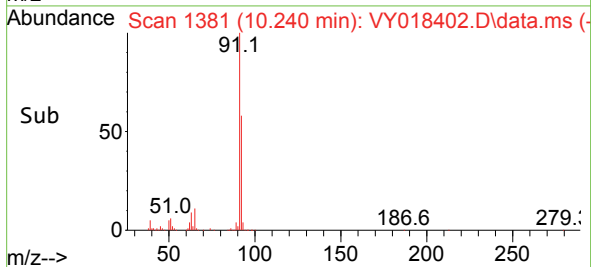
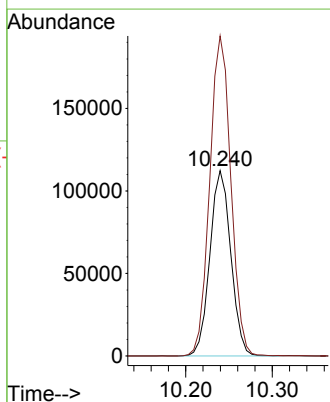
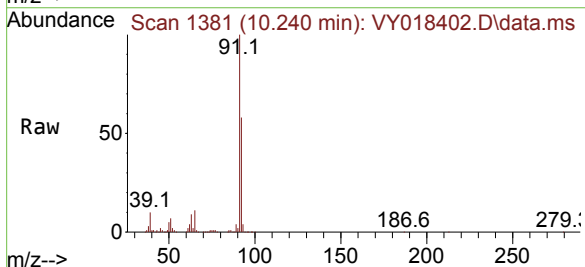
Instrument :
MSVOA_Y
ClientSampleId :

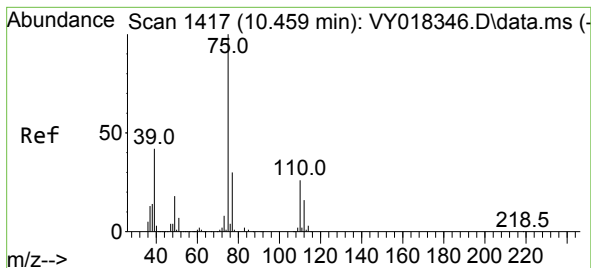
Tgt Ion: 43 Resp: 269465
Ion Ratio Lower Upper
43 100
58 39.5 35.7 53.5



#52
Toluene
Concen: 55.891 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion: 92 Resp: 188492
Ion Ratio Lower Upper
92 100
91 174.5 139.0 208.6





#53

t-1,3-Dichloropropene

Concen: 59.839 ug/l

RT: 10.459 min Scan# 1417

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

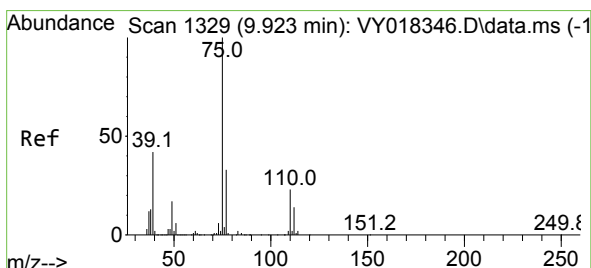
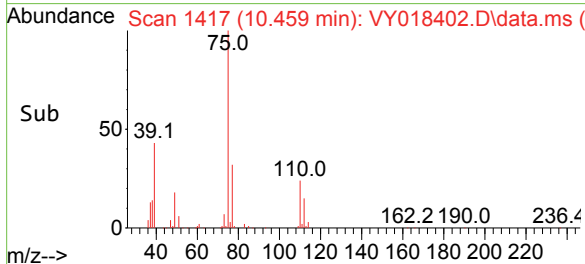
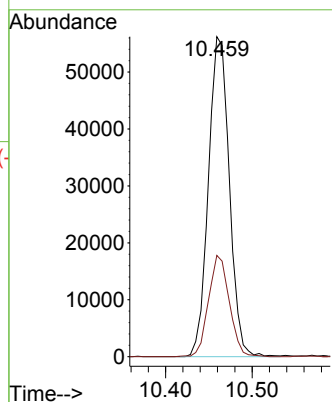
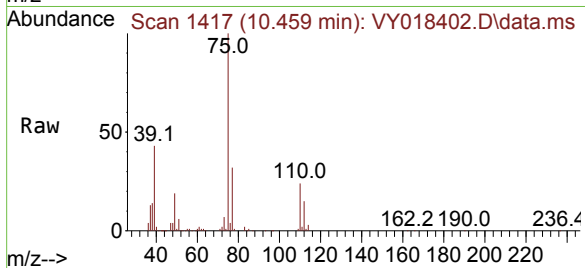
ClientSampleId :

Tgt Ion: 75 Resp: 94269

Ion Ratio Lower Upper

75 100

77 31.6 24.1 36.1



#54

cis-1,3-Dichloropropene

Concen: 57.275 ug/l

RT: 9.923 min Scan# 1329

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

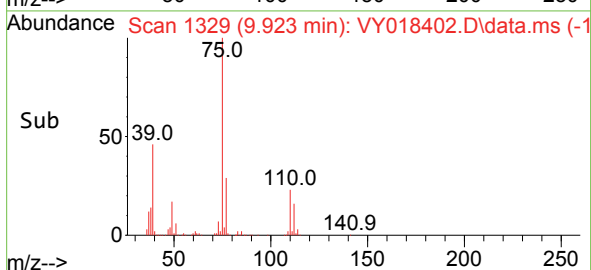
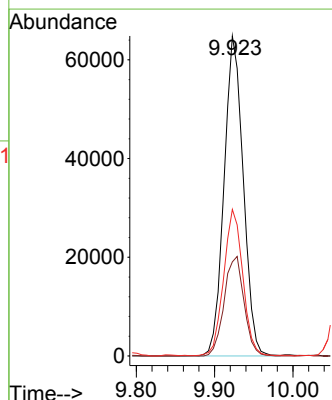
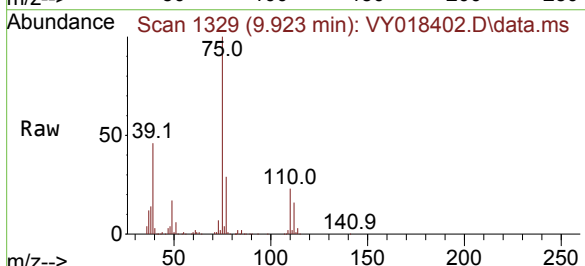
Tgt Ion: 75 Resp: 110561

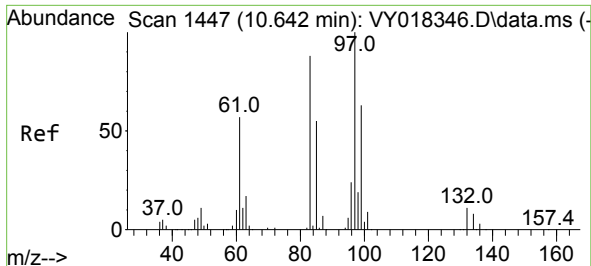
Ion Ratio Lower Upper

75 100

77 29.4 25.4 38.0

39 45.7 29.8 44.6#

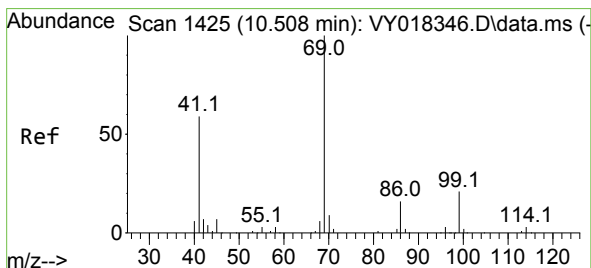
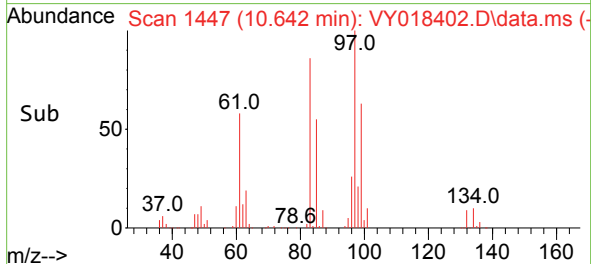
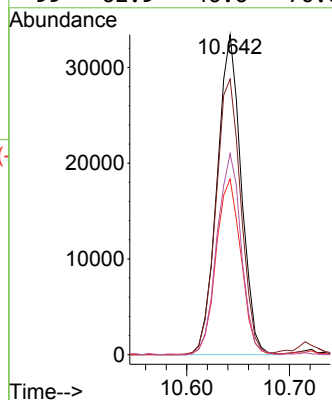
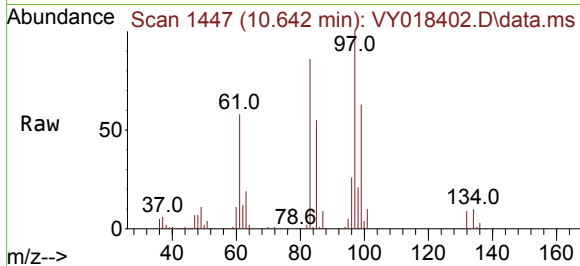




#55
1,1,2-Trichloroethane
Concen: 57.928 ug/l
RT: 10.642 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

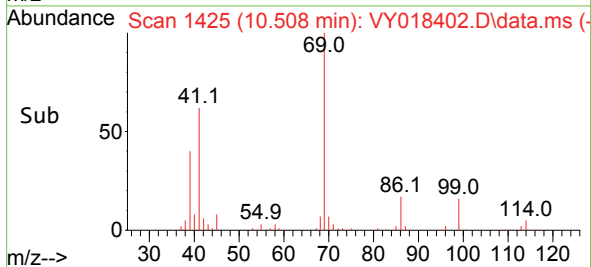
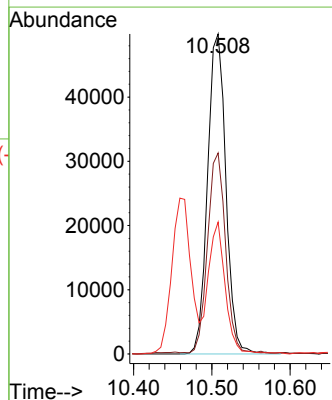
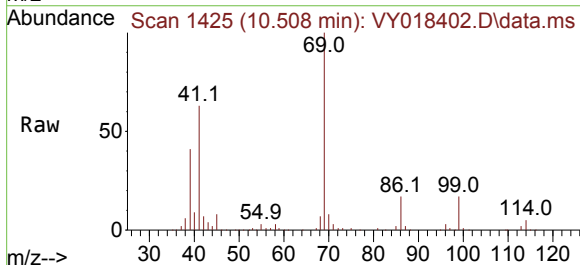
Instrument :
MSVOA_Y
ClientSampleId :

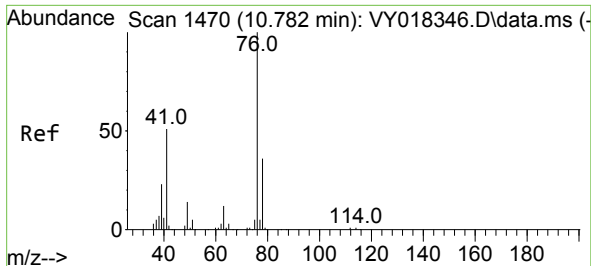
Tgt Ion:	97	Resp:	54490
Ion	Ratio	Lower	Upper
97	100		
83	86.1	67.5	101.3
85	54.7	42.9	64.3
99	62.9	46.6	70.0



#56
Ethyl methacrylate
Concen: 62.695 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion:	69	Resp:	80891
Ion	Ratio	Lower	Upper
69	100		
41	61.2	42.3	63.5
39	38.6	22.9	34.3





#57

1,3-Dichloropropane

Concen: 59.896 ug/l

RT: 10.788 min Scan# 1470

Delta R.T. 0.006 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

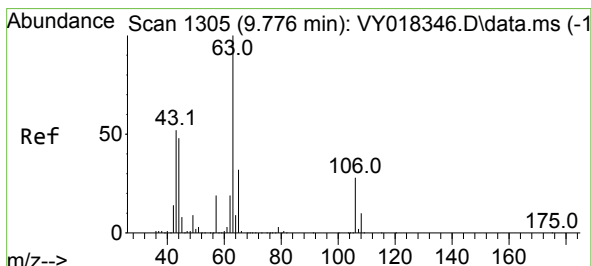
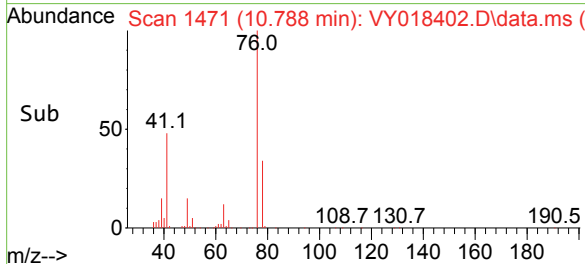
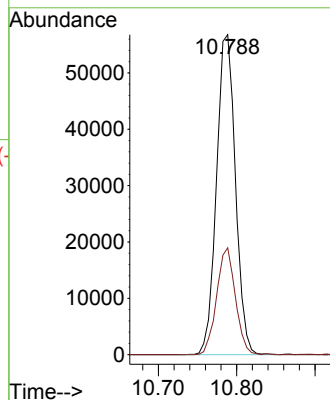
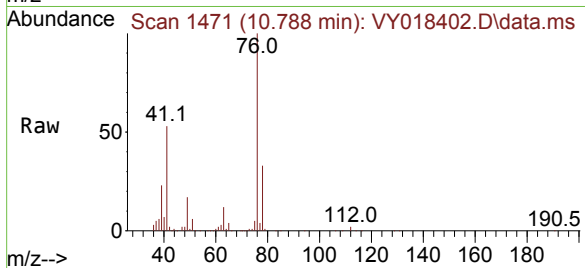
ClientSampleId :

Tgt Ion: 76 Resp: 95493

Ion Ratio Lower Upper

76 100

78 33.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 305.810 ug/l

RT: 9.776 min Scan# 1305

Delta R.T. 0.000 min

Lab File: VY018402.D

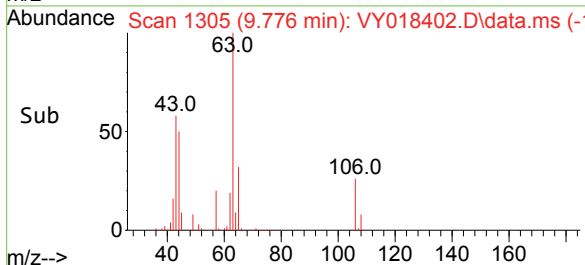
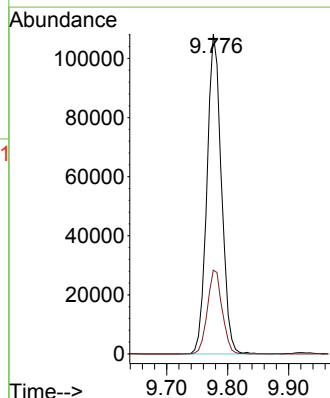
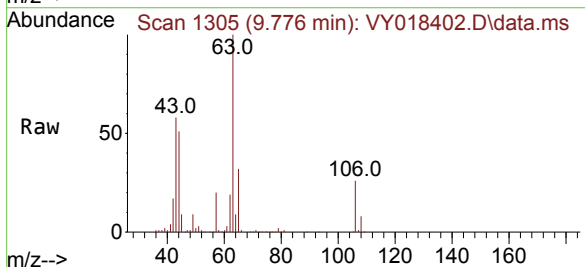
Acq: 29 May 2024 16:15

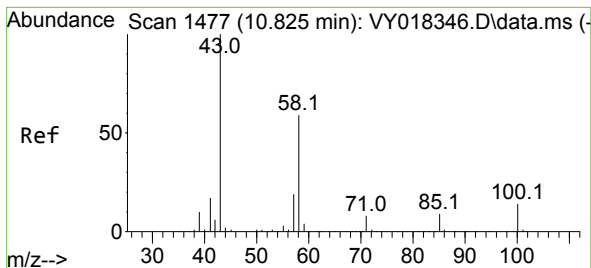
Tgt Ion: 63 Resp: 178288

Ion Ratio Lower Upper

63 100

106 26.7 23.7 35.5





#59

2-Hexanone

Concen: 333.485 ug/l

RT: 10.831 min Scan# 1477

Delta R.T. 0.006 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

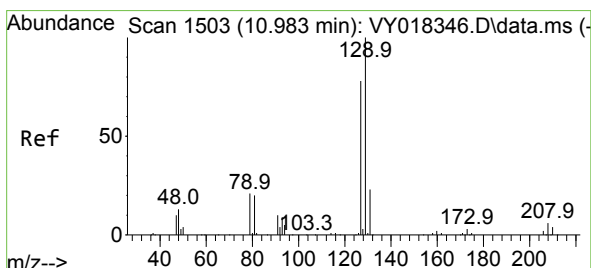
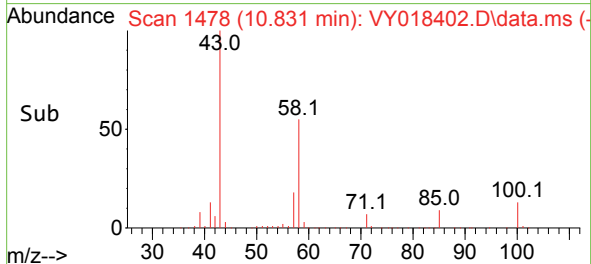
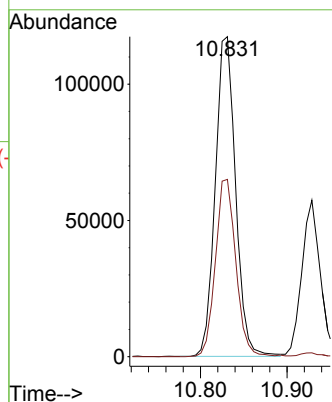
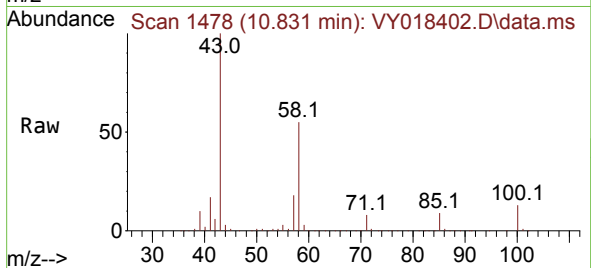
ClientSampleId :

Tgt Ion: 43 Resp: 190764

Ion Ratio Lower Upper

43 100

58 56.1 31.4 94.0



#60

Dibromochloromethane

Concen: 57.095 ug/l

RT: 10.983 min Scan# 1503

Delta R.T. 0.000 min

Lab File: VY018402.D

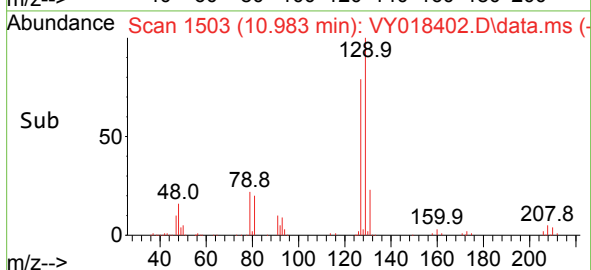
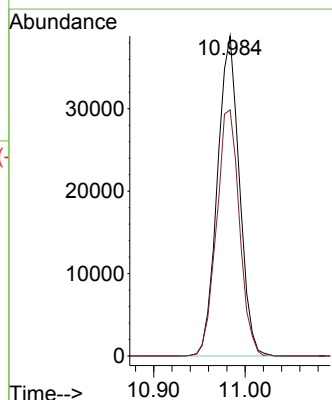
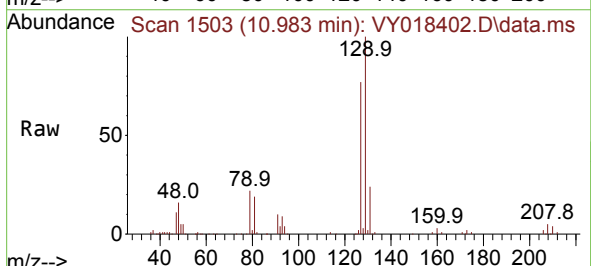
Acq: 29 May 2024 16:15

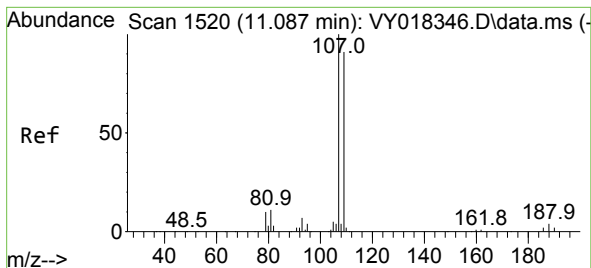
Tgt Ion: 129 Resp: 64870

Ion Ratio Lower Upper

129 100

127 80.1 39.0 117.0





#61

1,2-Dibromoethane

Concen: 58.826 ug/l

RT: 11.087 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

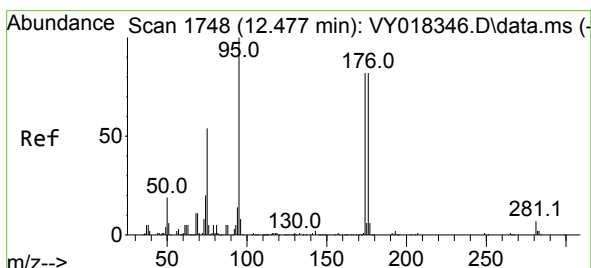
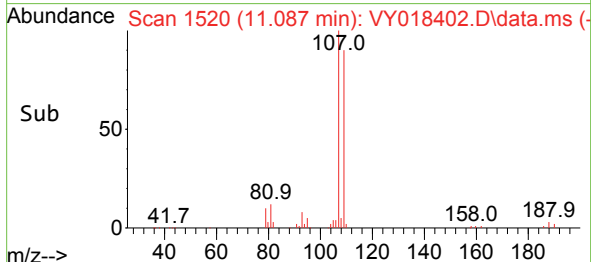
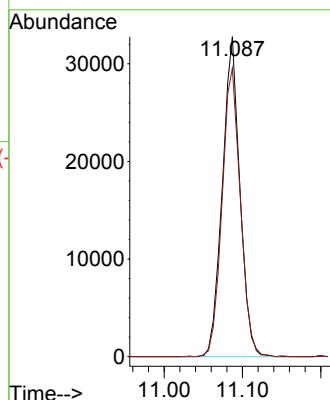
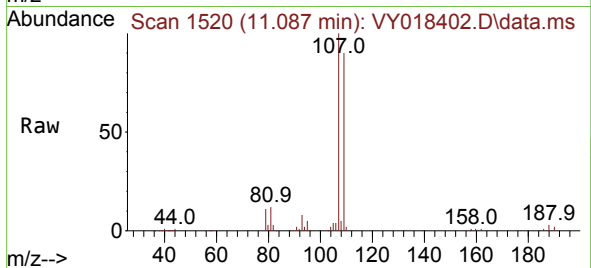
ClientSampleId :

Tgt Ion:107 Resp: 51057

Ion Ratio Lower Upper

107 100

109 93.7 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 50.611 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

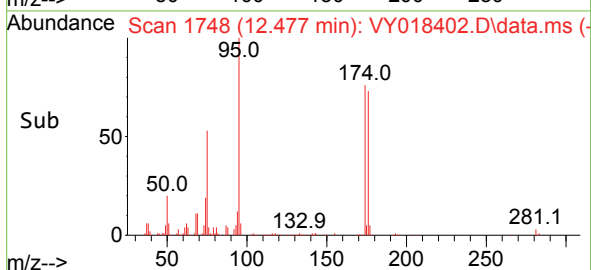
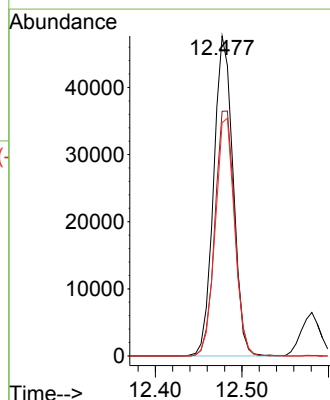
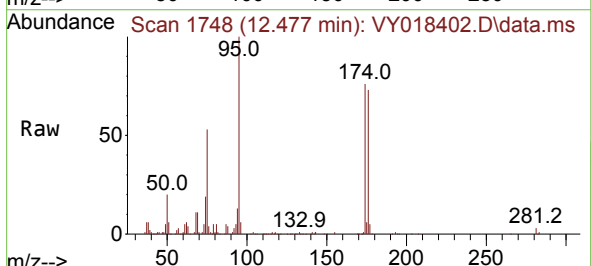
Tgt Ion: 95 Resp: 74197

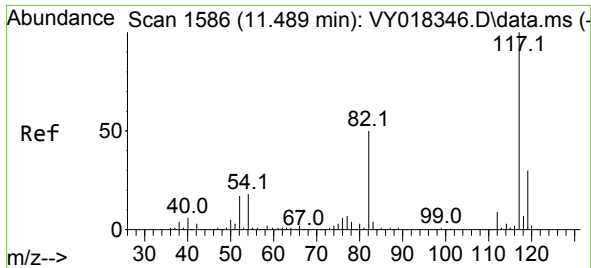
Ion Ratio Lower Upper

95 100

174 78.0 0.0 175.6

176 74.0 0.0 171.4

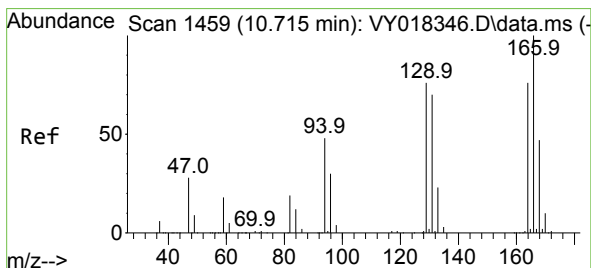
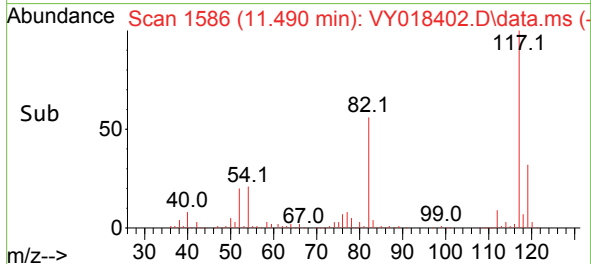
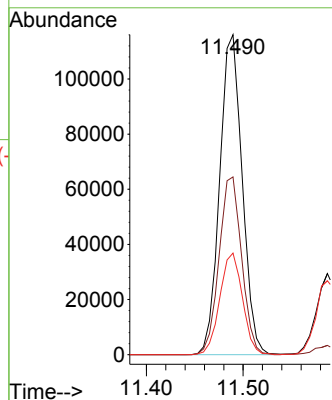
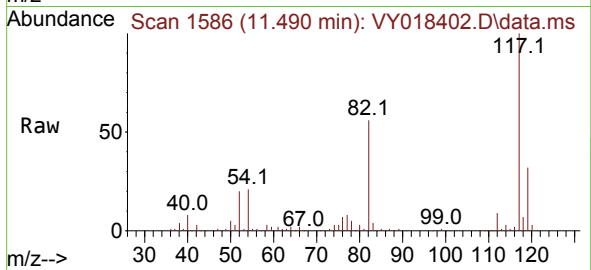




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

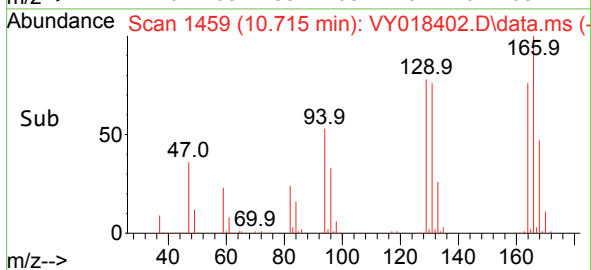
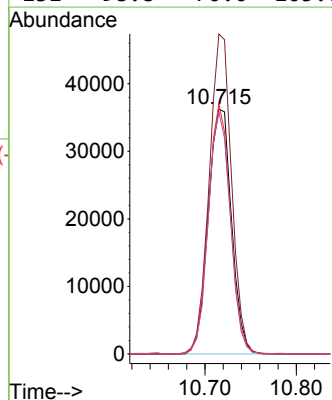
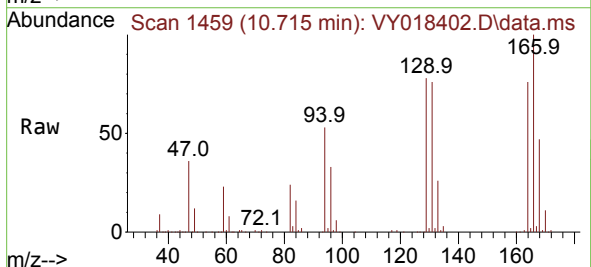
Instrument :
MSVOA_Y
ClientSampleId :

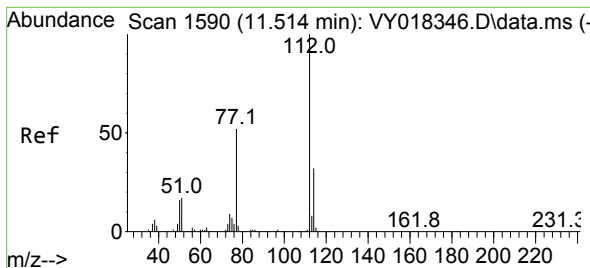
Tgt Ion:117 Resp: 187628
Ion Ratio Lower Upper
117 100
82 55.6 42.4 63.6
119 31.7 25.9 38.9



#64
Tetrachloroethene
Concen: 48.152 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. 0.000 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion:164 Resp: 64090
Ion Ratio Lower Upper
164 100
166 130.7 102.6 154.0
129 102.0 72.0 108.0
131 98.8 70.0 105.0





#65

Chlorobenzene

Concen: 52.128 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

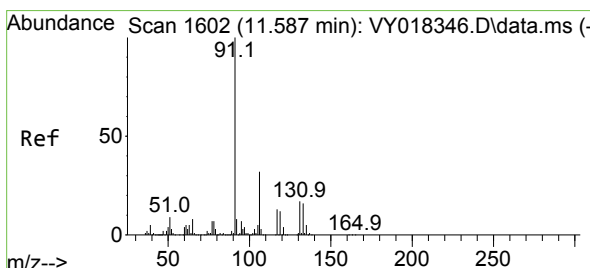
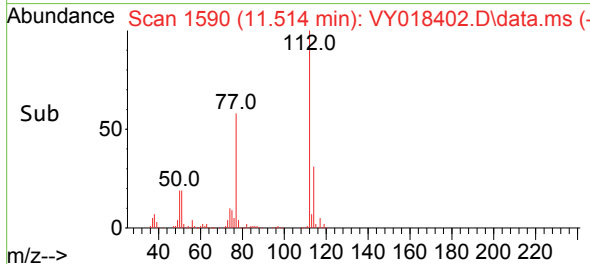
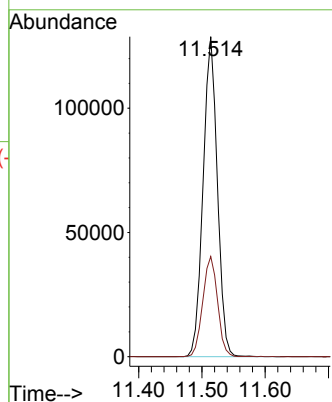
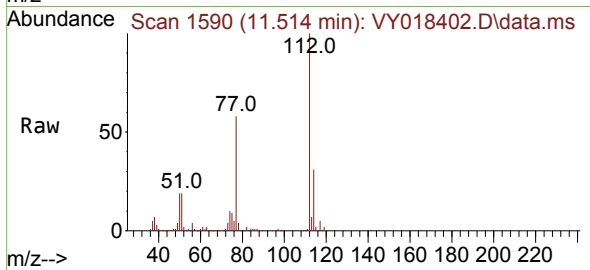
ClientSampleId :

Tgt Ion:112 Resp: 202041

Ion Ratio Lower Upper

112 100

114 31.3 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 54.105 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

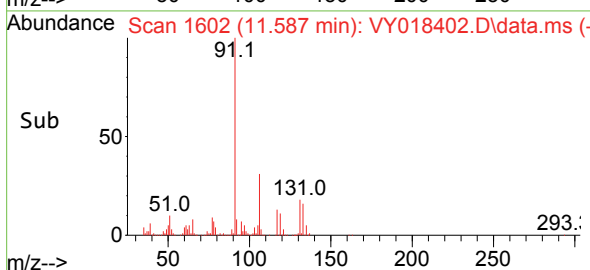
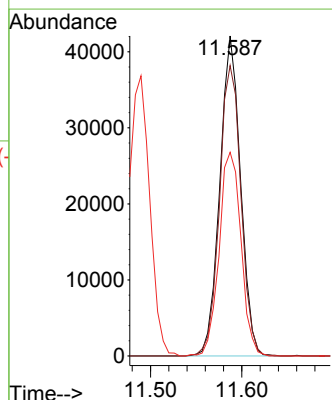
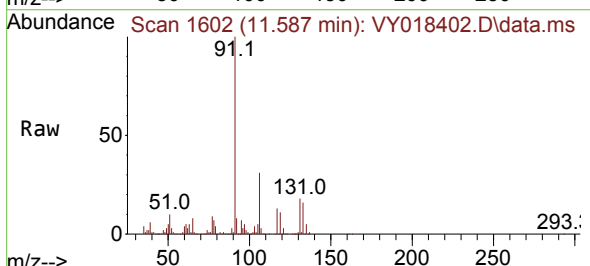
Tgt Ion:131 Resp: 66341

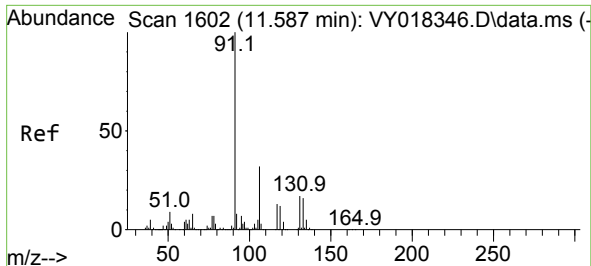
Ion Ratio Lower Upper

131 100

133 94.1 47.8 143.3

119 67.1 34.1 102.2





#67

Ethyl Benzene

Concen: 54.869 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

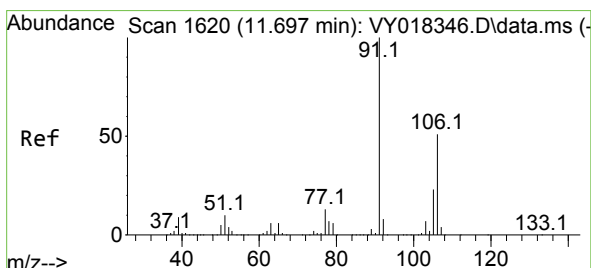
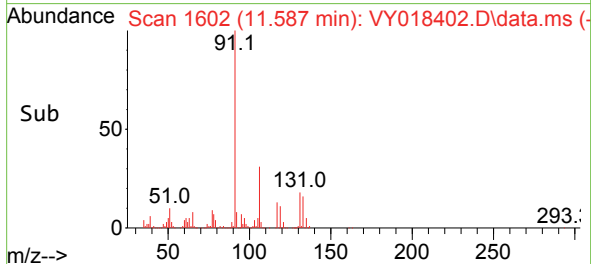
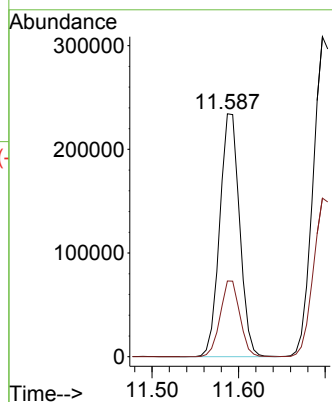
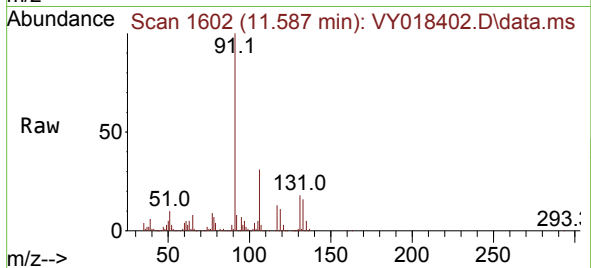
ClientSampleId :

Tgt Ion: 91 Resp: 373478

Ion Ratio Lower Upper

91 100

106 31.2 24.5 36.7



#68

m/p-Xylenes

Concen: 106.056 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY018402.D

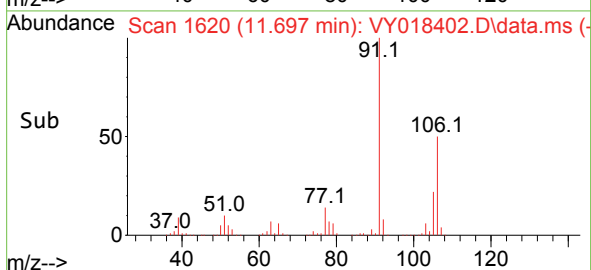
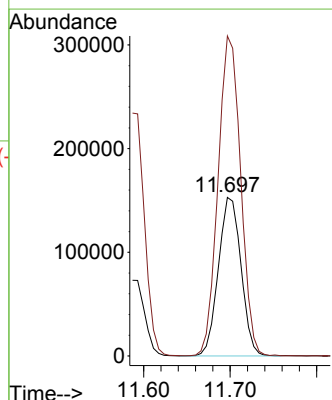
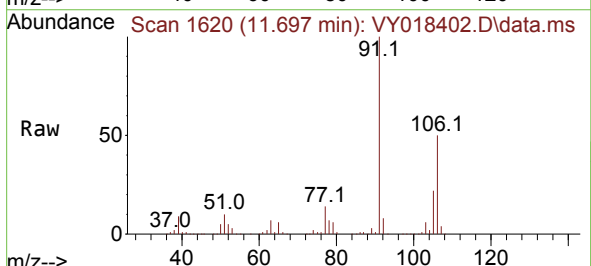
Acq: 29 May 2024 16:15

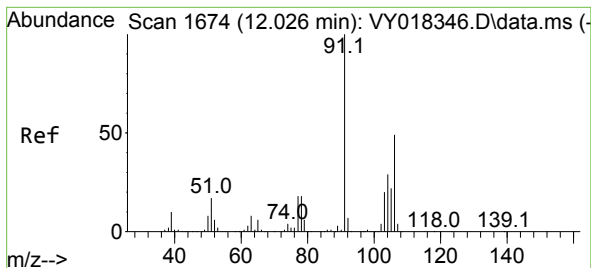
Tgt Ion: 106 Resp: 277758

Ion Ratio Lower Upper

106 100

91 201.7 156.0 234.0





#69

o-Xylene

Concen: 54.248 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

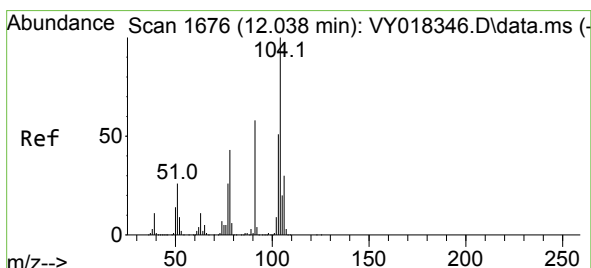
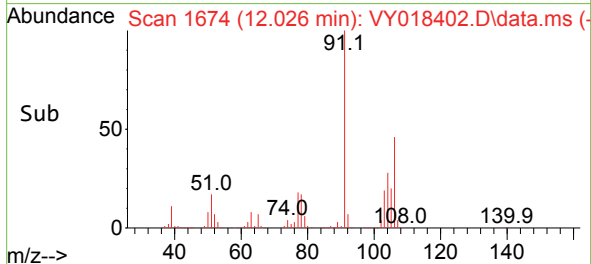
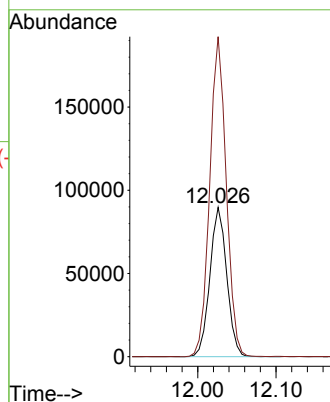
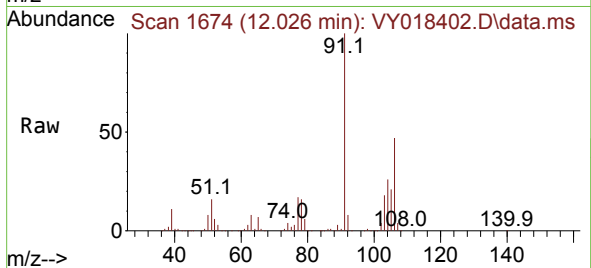
ClientSampleId :

Tgt Ion:106 Resp: 134079

Ion Ratio Lower Upper

106 100

91 210.0 103.6 310.8



#70

Styrene

Concen: 55.823 ug/l

RT: 12.038 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

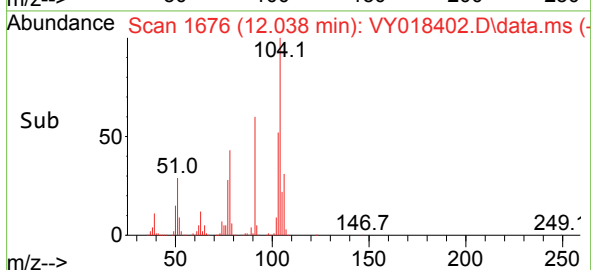
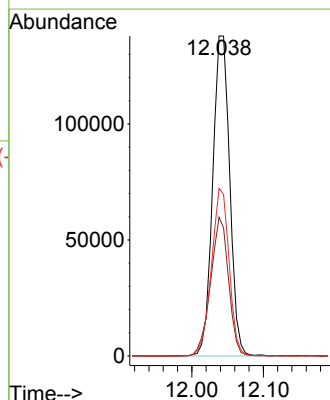
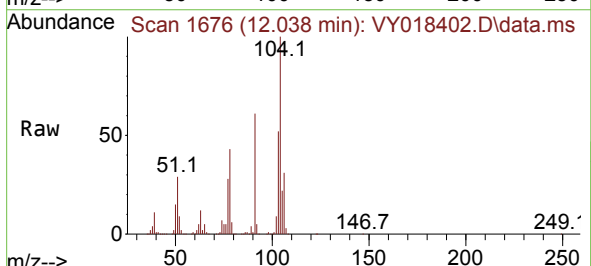
Tgt Ion:104 Resp: 228071

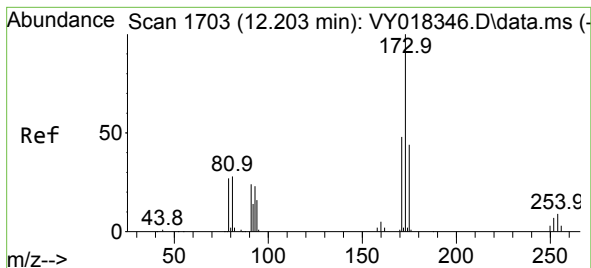
Ion Ratio Lower Upper

104 100

78 45.7 37.0 55.4

103 54.4 44.2 66.2





#71

Bromoform

Concen: 54.263 ug/l

RT: 12.203 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018402.D

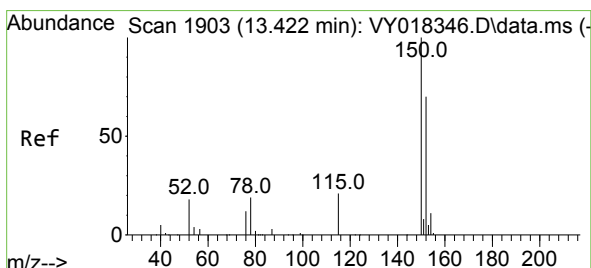
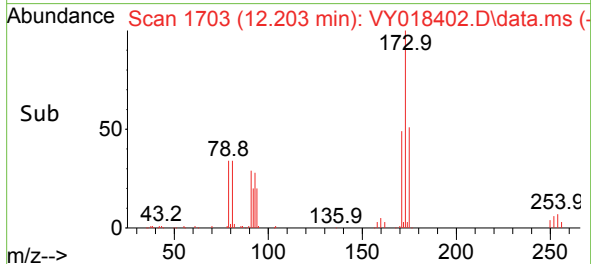
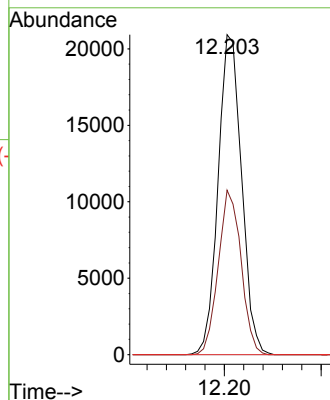
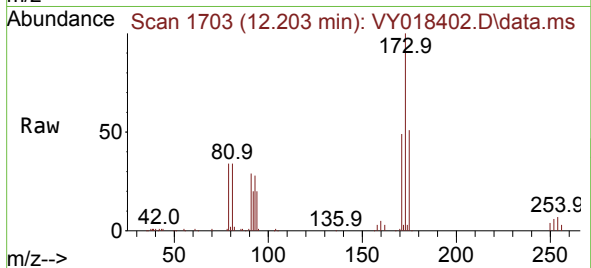
Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	35192
Ion Ratio	Lower	Upper
173	100	
175	49.9	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

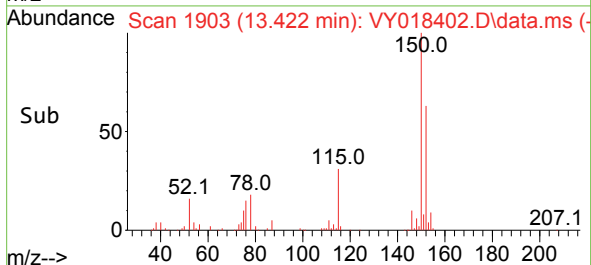
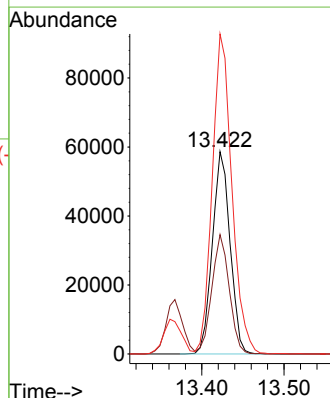
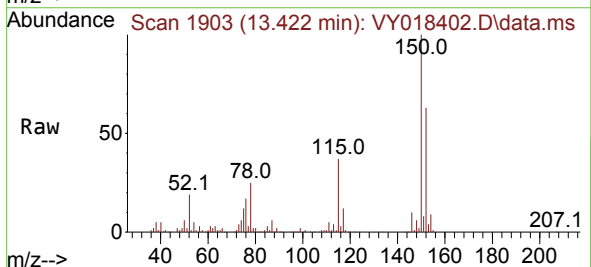
RT: 13.422 min Scan# 1903

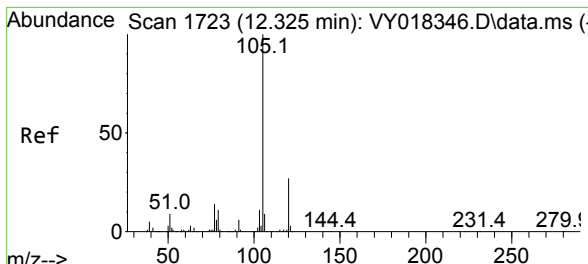
Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

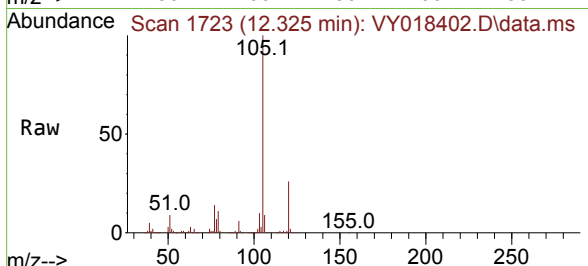
Tgt Ion:152	Resp:	88058
Ion Ratio	Lower	Upper
152	100	
115	58.0	28.2 84.7
150	174.8	0.0 345.6



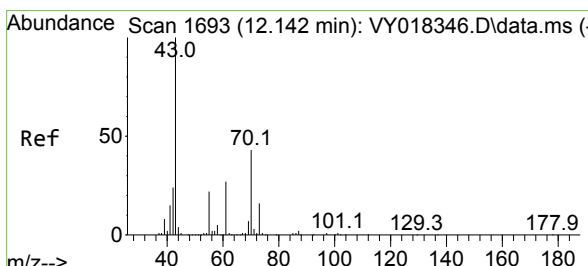
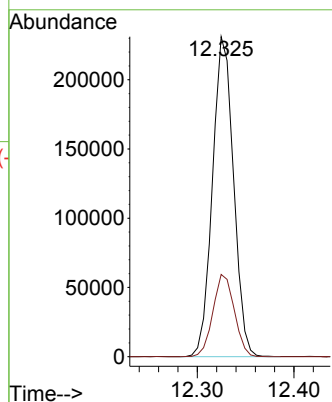
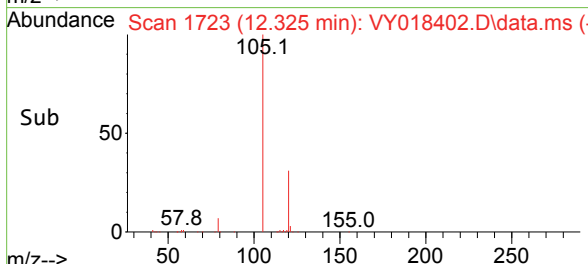


#73
 Isopropylbenzene
 Concen: 50.405 ug/l
 RT: 12.325 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :

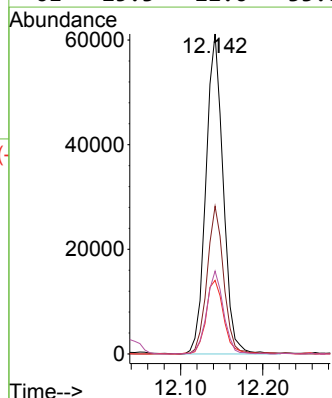
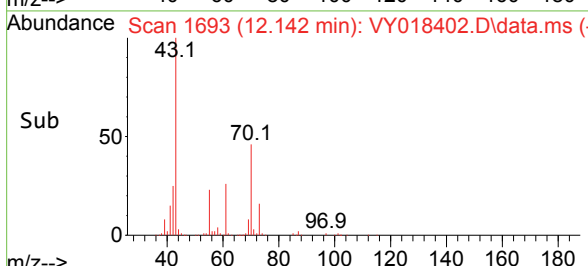
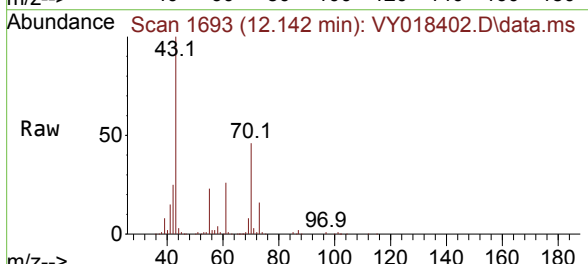


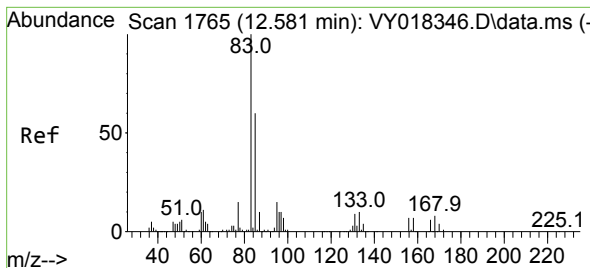
Tgt Ion:	105	Resp:	348859
Ion Ratio	Lower	Upper	
105	100		
120	26.0	13.4	40.1



#74
 N-ethyl acetate
 Concen: 55.240 ug/l
 RT: 12.142 min Scan# 1693
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

Tgt Ion:	43	Resp:	89200
Ion Ratio	Lower	Upper	
43	100		
70	44.6	41.4	62.2
55	23.6	23.3	34.9
61	25.3	22.6	33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 54.854 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018402.D

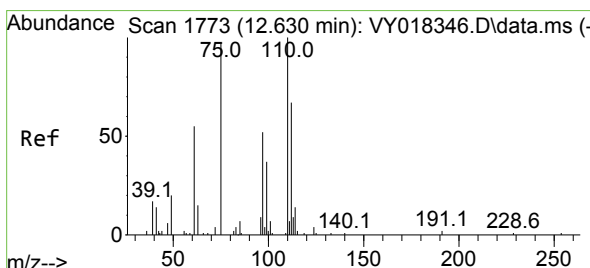
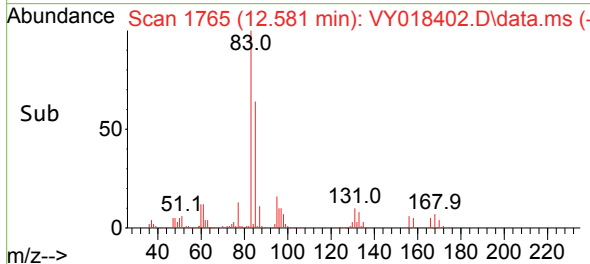
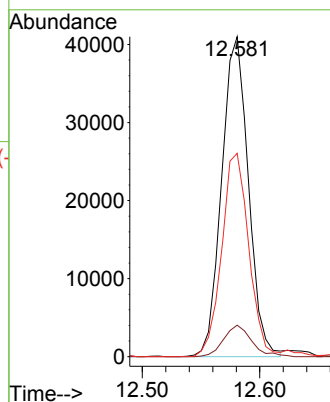
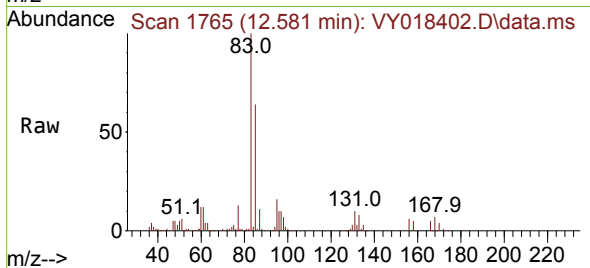
Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 83	Resp: 64690
Ion Ratio	Lower Upper
83	100
131	10.3 5.0 14.9
85	64.5 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 101.743 ug/l

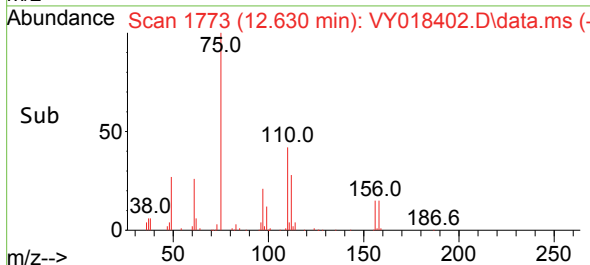
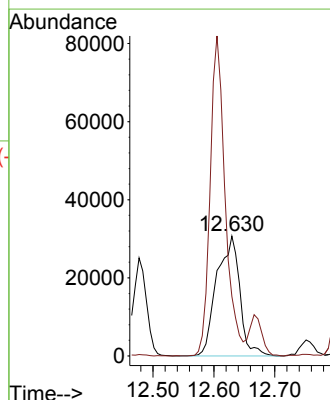
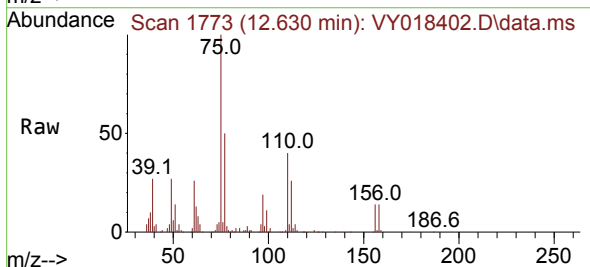
RT: 12.630 min Scan# 1773

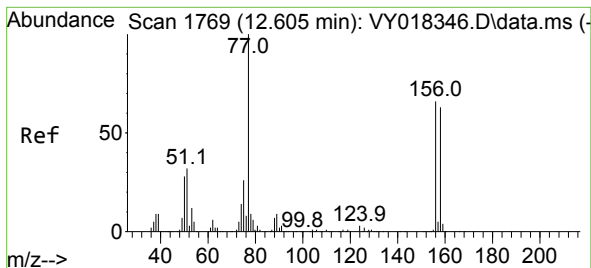
Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Tgt Ion: 75	Resp: 80524
Ion Ratio	Lower Upper
75	100
77	0.0 0.0 0.0





#77

Bromobenzene

Concen: 50.295 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

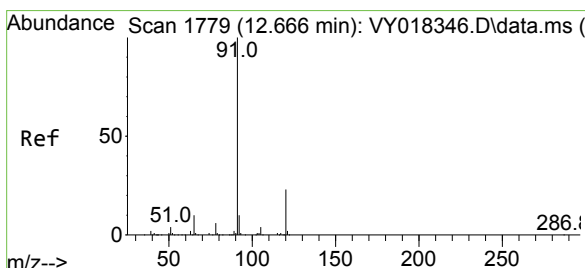
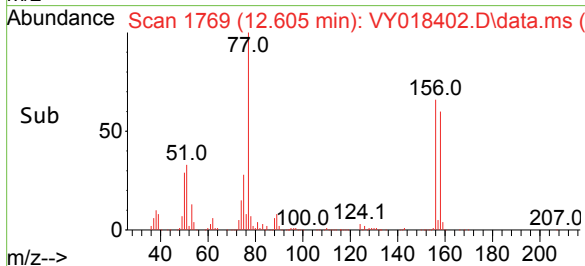
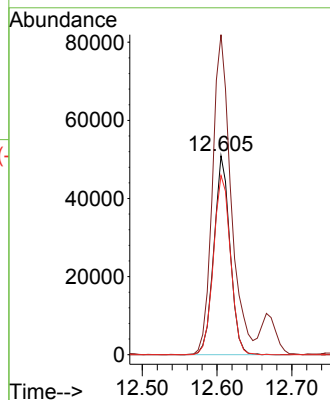
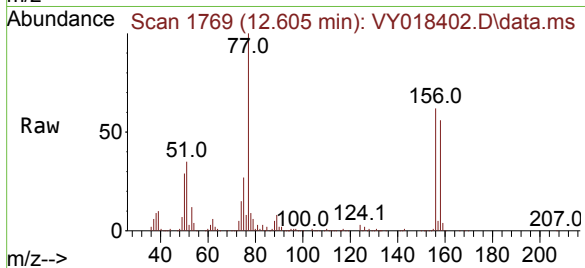
Tgt Ion:156 Resp: 76241

Ion Ratio Lower Upper

156 100

77 184.6 87.1 261.3

158 95.3 48.6 145.9



#78

n-propylbenzene

Concen: 49.445 ug/l

RT: 12.666 min Scan# 1779

Delta R.T. 0.000 min

Lab File: VY018402.D

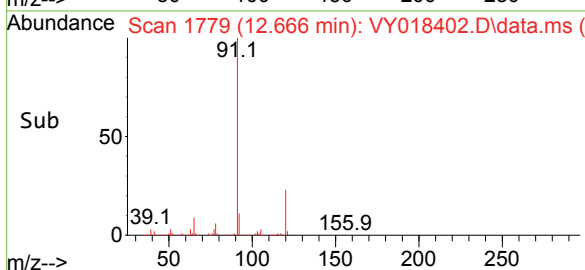
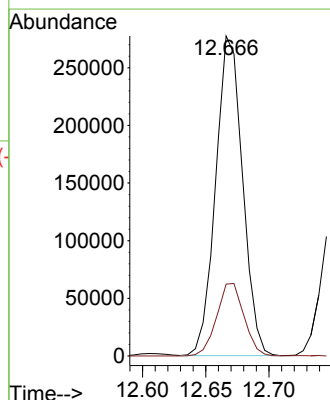
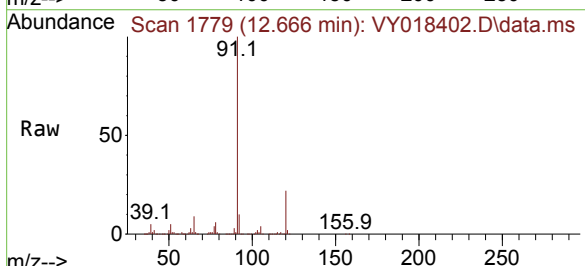
Acq: 29 May 2024 16:15

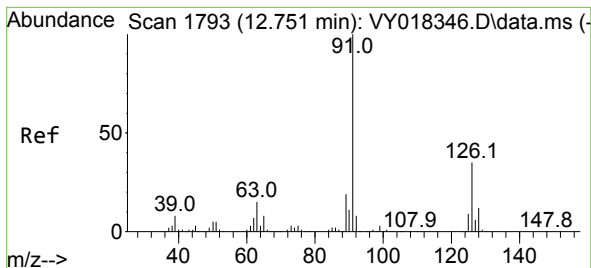
Tgt Ion: 91 Resp: 409758

Ion Ratio Lower Upper

91 100

120 23.1 11.5 34.4





#79

2-Chlorotoluene

Concen: 50.282 ug/l

RT: 12.751 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

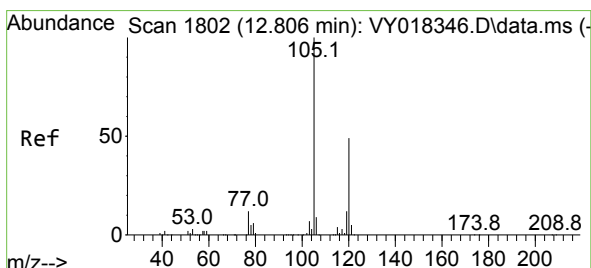
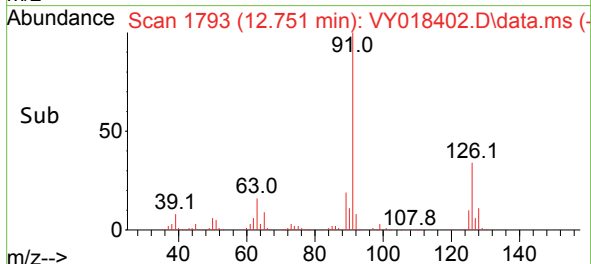
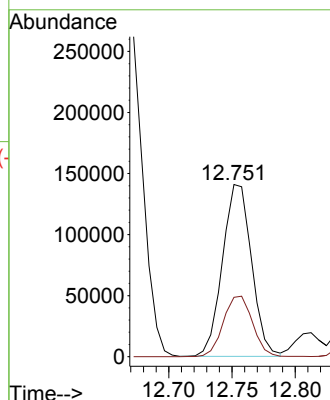
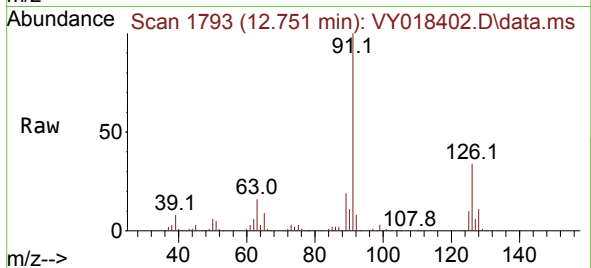
ClientSampleId :

Tgt Ion: 91 Resp: 225594

Ion Ratio Lower Upper

91 100

126 35.4 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 49.662 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018402.D

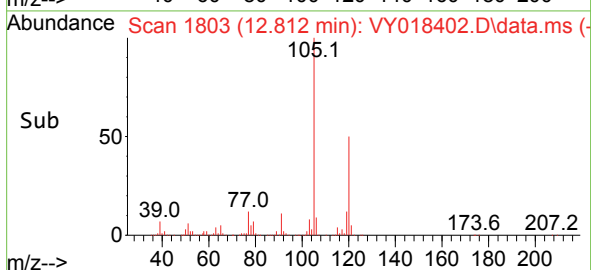
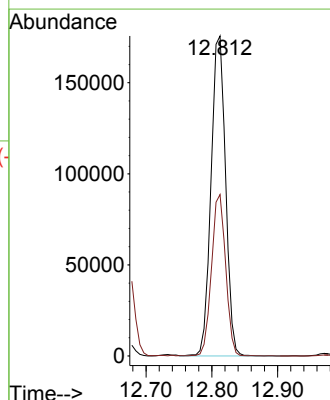
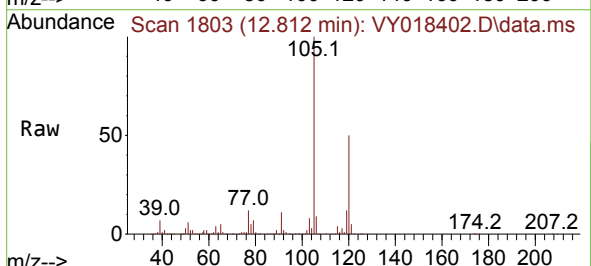
Acq: 29 May 2024 16:15

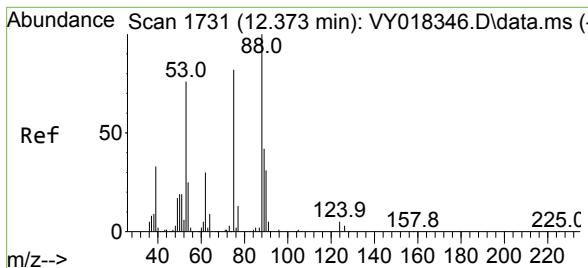
Tgt Ion:105 Resp: 270100

Ion Ratio Lower Upper

105 100

120 49.2 25.1 75.2

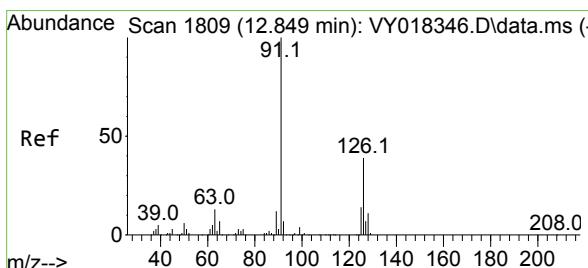
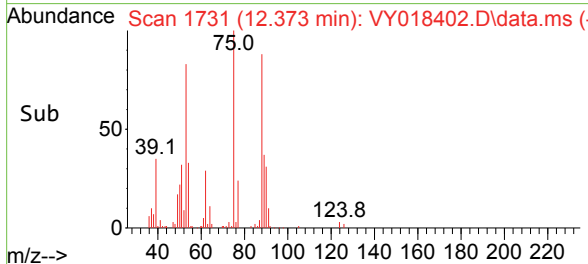
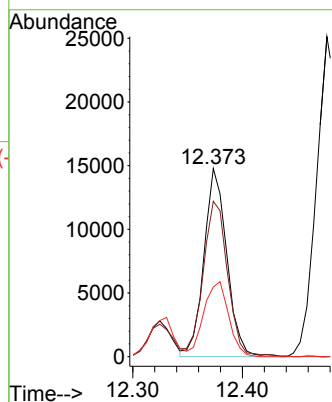
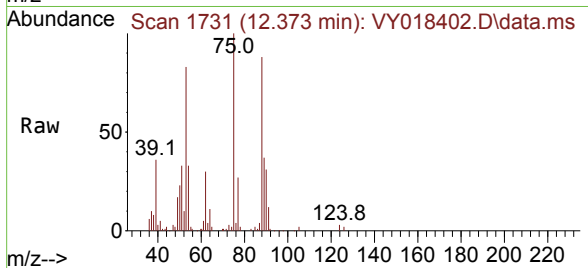




#81
 trans-1,4-Dichloro-2-butene
 Concen: 55.766 ug/l
 RT: 12.373 min Scan# 1731
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

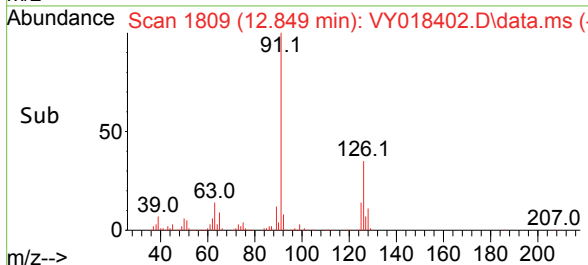
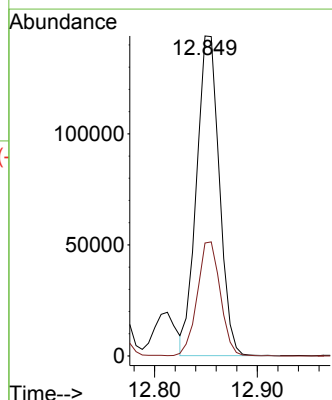
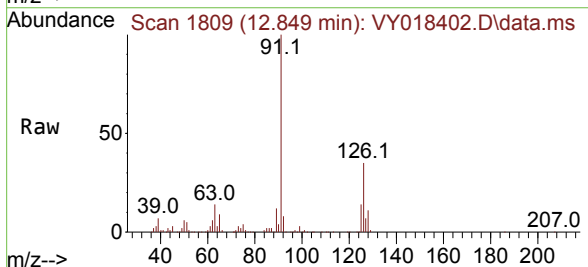
Instrument :
 MSVOA_Y
 ClientSampleId :

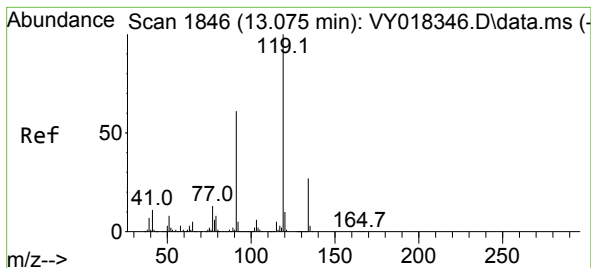
Tgt Ion:	75	Resp:	21451
Ion	Ratio	Lower	Upper
75	100		
53	88.6	66.8	100.2
89	43.2	35.8	53.6



#82
 4-Chlorotoluene
 Concen: 48.775 ug/l
 RT: 12.849 min Scan# 1809
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

Tgt Ion:	91	Resp:	221880
Ion	Ratio	Lower	Upper
91	100		
126	36.2	17.6	52.9





#83

tert-Butylbenzene

Concen: 48.957 ug/l

RT: 13.075 min Scan# 1846

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

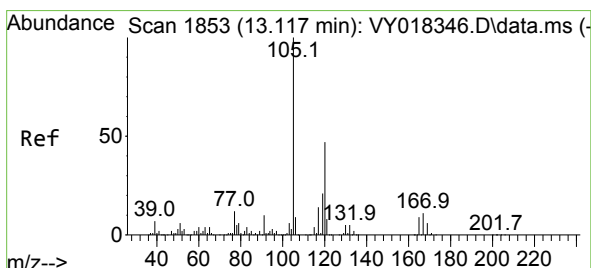
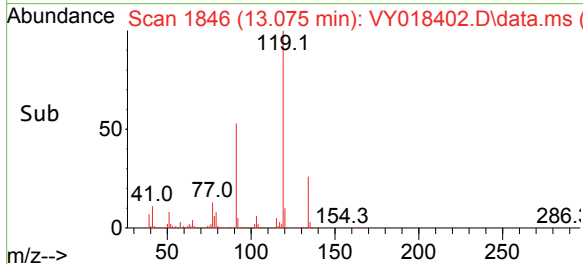
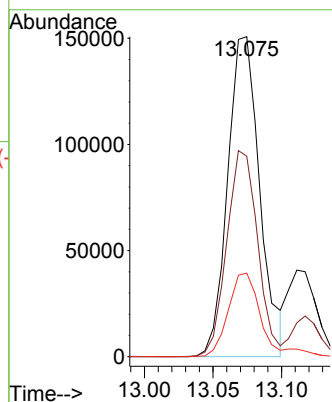
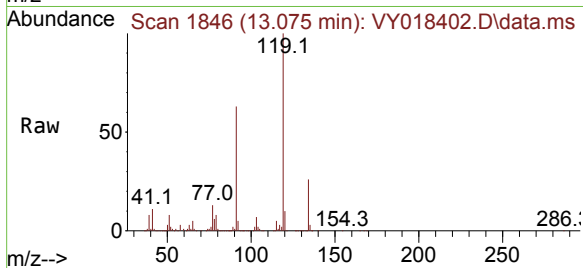
Tgt Ion:119 Resp: 246130

Ion Ratio Lower Upper

119 100

91 62.0 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 49.452 ug/l

RT: 13.117 min Scan# 1853

Delta R.T. 0.000 min

Lab File: VY018402.D

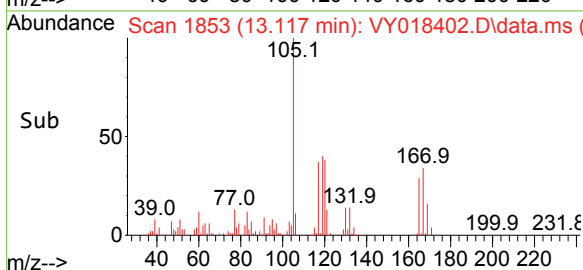
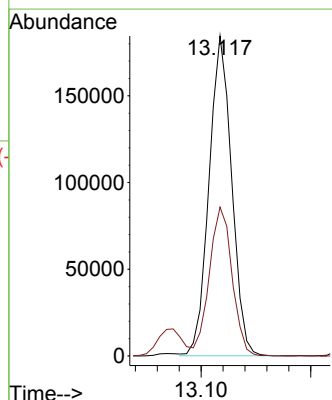
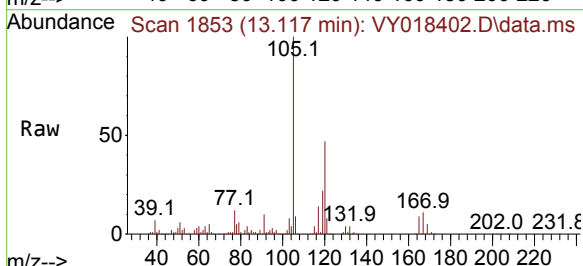
Acq: 29 May 2024 16:15

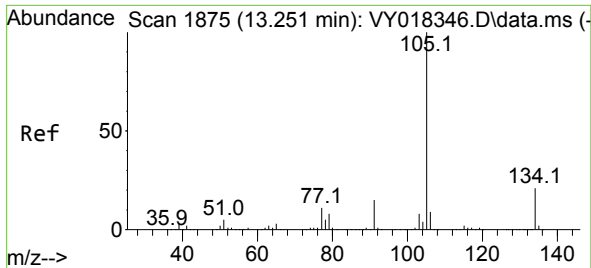
Tgt Ion:105 Resp: 264513

Ion Ratio Lower Upper

105 100

120 46.7 23.2 69.6

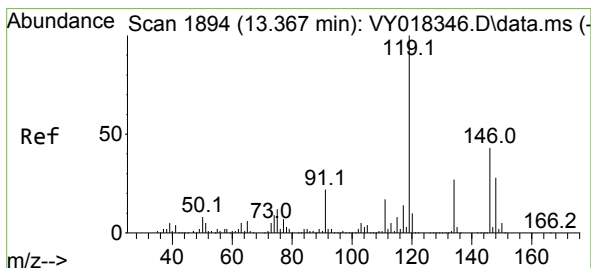
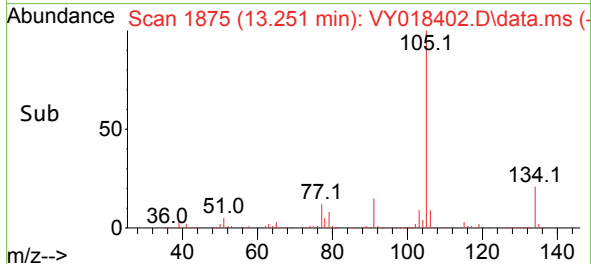
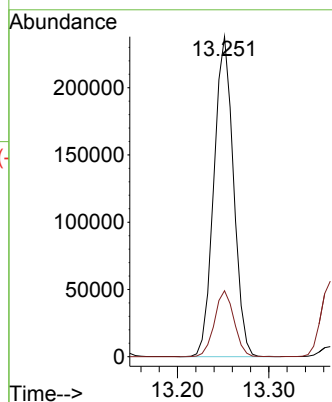
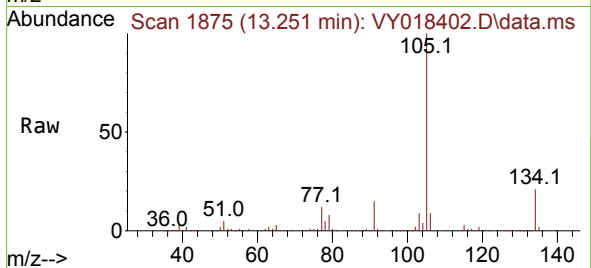




#85
 sec-Butylbenzene
 Concen: 47.553 ug/l
 RT: 13.251 min Scan# 1875
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

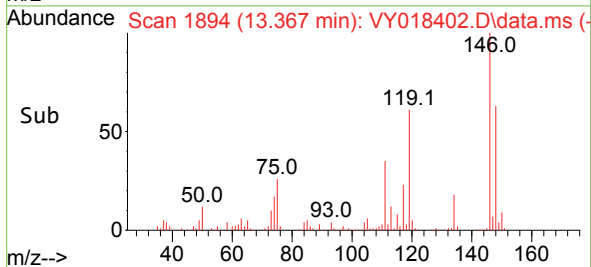
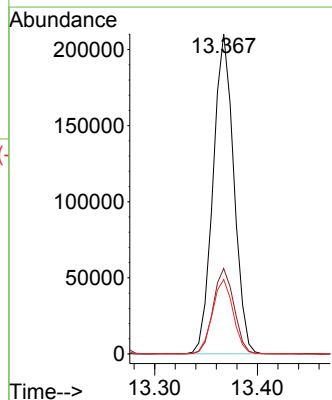
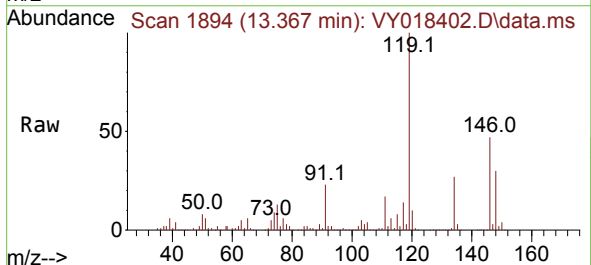
Instrument :
 MSVOA_Y
 ClientSampleId :

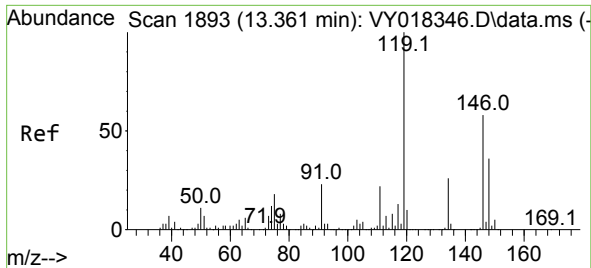
Tgt Ion:105 Resp: 353573
 Ion Ratio Lower Upper
 105 100
 134 20.6 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 48.384 ug/l
 RT: 13.367 min Scan# 1894
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

Tgt Ion:119 Resp: 294261
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.1 39.3
 91 23.4 10.7 32.1

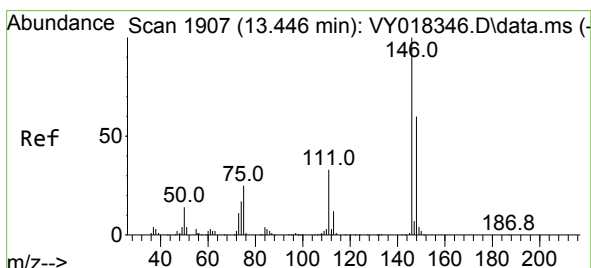
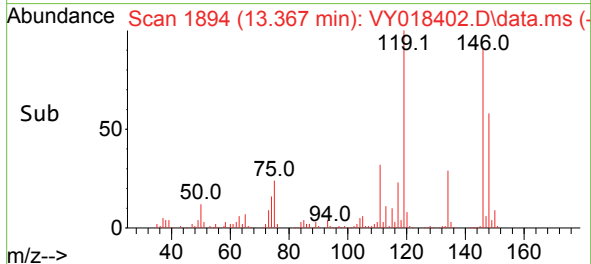
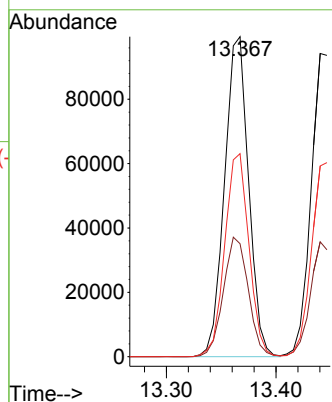
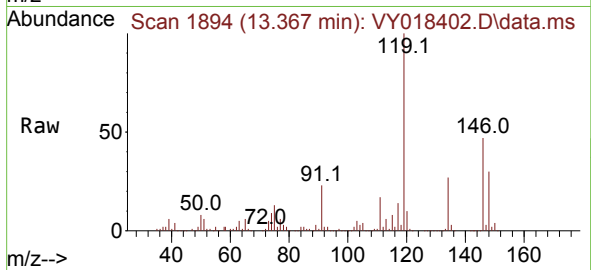




#87
1,3-Dichlorobenzene
Concen: 50.809 ug/l
RT: 13.367 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

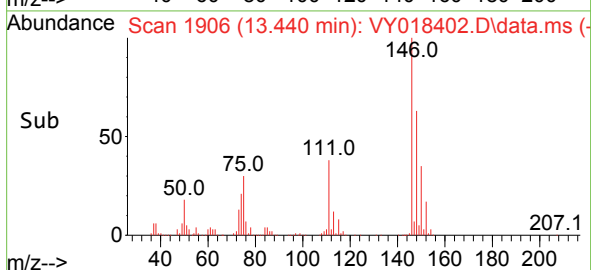
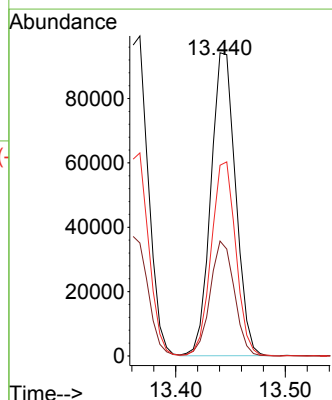
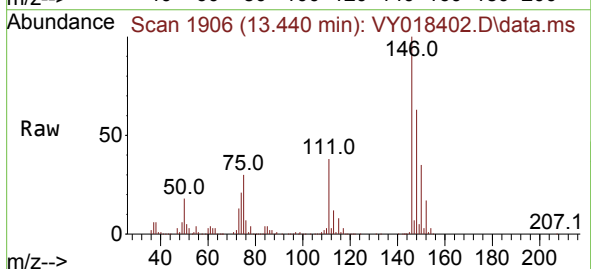
Instrument :
MSVOA_Y
ClientSampleId :

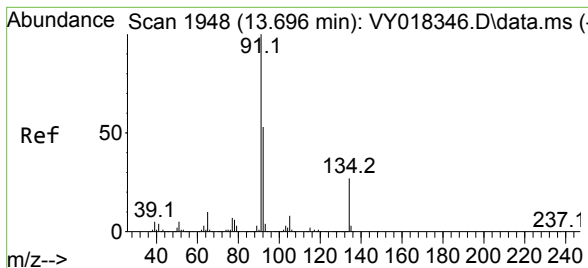
Tgt Ion:146 Resp: 151663
Ion Ratio Lower Upper
146 100
111 38.8 19.0 57.0
148 63.8 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 49.866 ug/l
RT: 13.440 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY018402.D
Acq: 29 May 2024 16:15

Tgt Ion:146 Resp: 148149
Ion Ratio Lower Upper
146 100
111 37.1 18.4 55.4
148 63.5 32.4 97.2





#89

n-Butylbenzene

Concen: 47.813 ug/l

RT: 13.696 min Scan# 1948

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

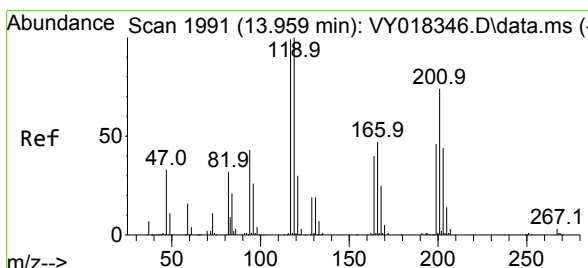
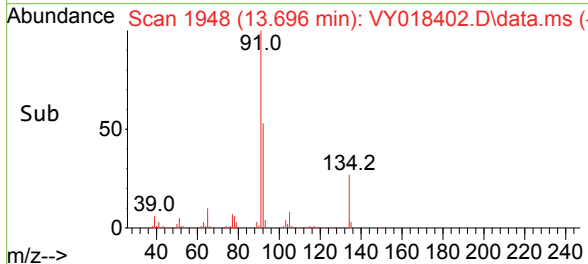
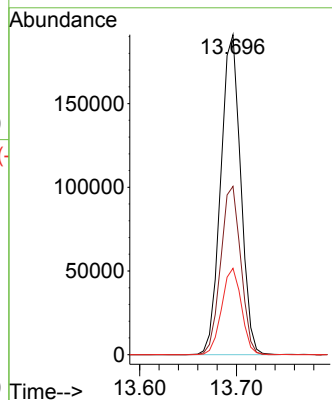
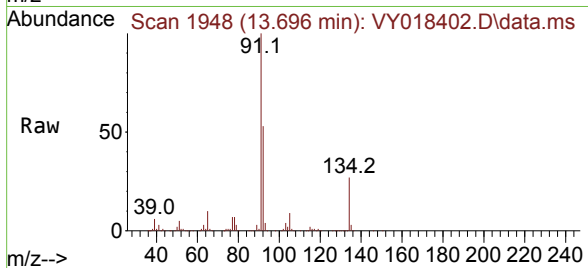
Tgt Ion: 91 Resp: 273269

Ion Ratio Lower Upper

91 100

92 53.0 26.6 79.7

134 26.8 12.9 38.7



#90

Hexachloroethane

Concen: 49.135 ug/l

RT: 13.959 min Scan# 1991

Delta R.T. 0.000 min

Lab File: VY018402.D

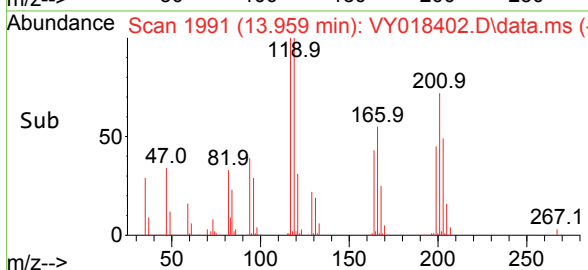
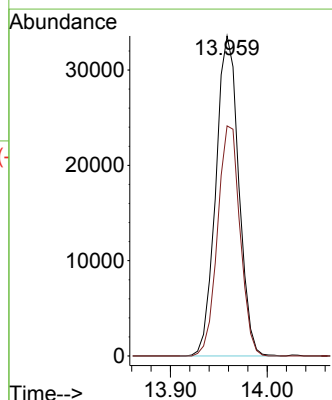
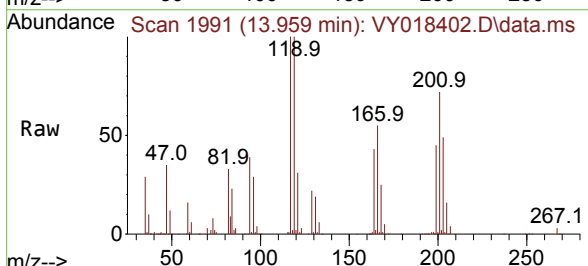
Acq: 29 May 2024 16:15

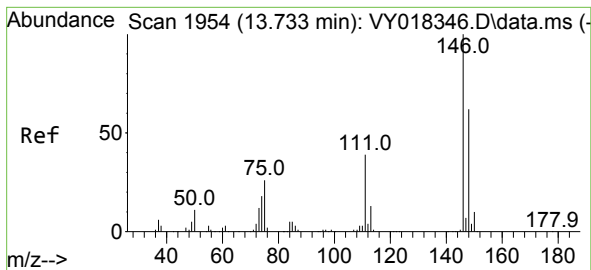
Tgt Ion: 117 Resp: 55184

Ion Ratio Lower Upper

117 100

201 70.5 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 50.829 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

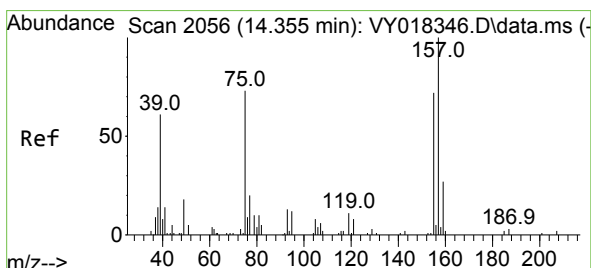
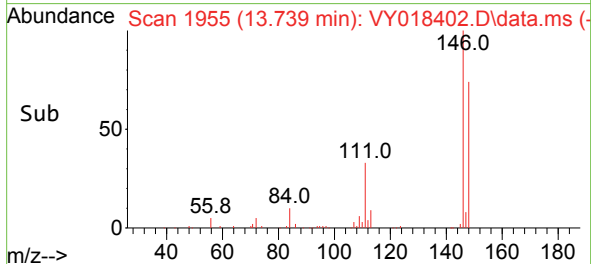
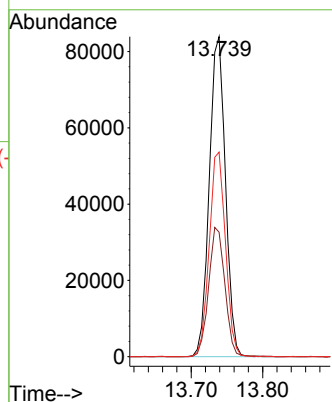
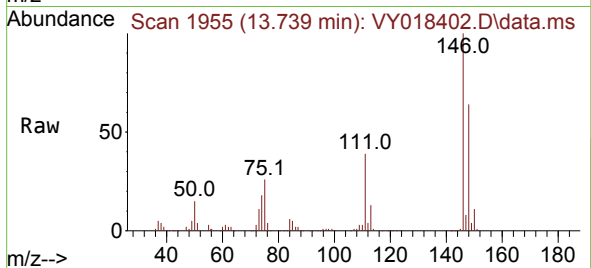
Tgt Ion:146 Resp: 131653

Ion Ratio Lower Upper

146 100

111 40.7 19.9 59.7

148 64.4 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 55.925 ug/l

RT: 14.355 min Scan# 2056

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

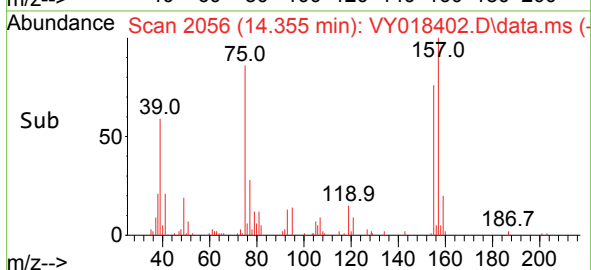
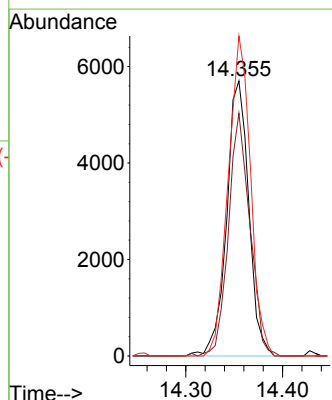
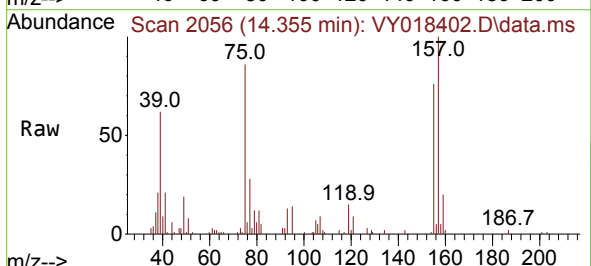
Tgt Ion: 75 Resp: 9046

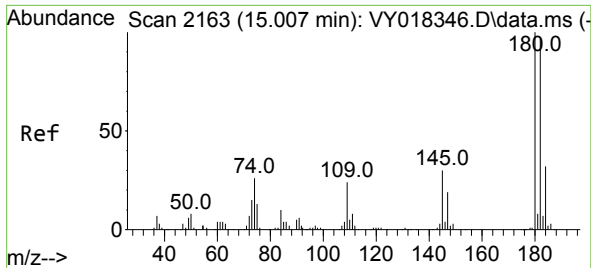
Ion Ratio Lower Upper

75 100

155 85.4 48.6 145.8

157 117.7 62.7 188.2

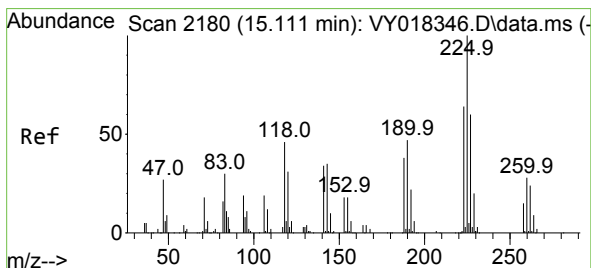
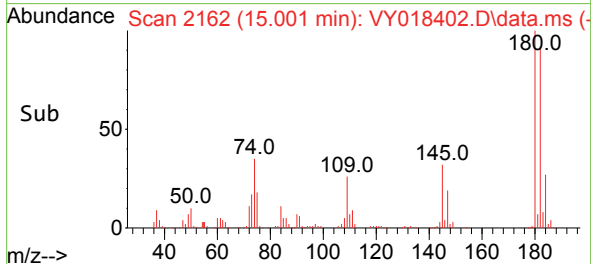
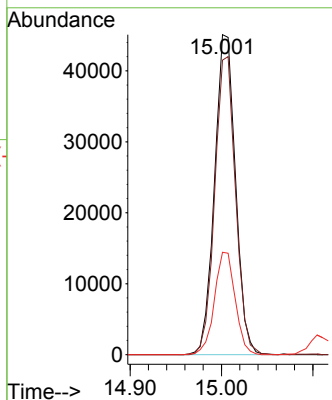
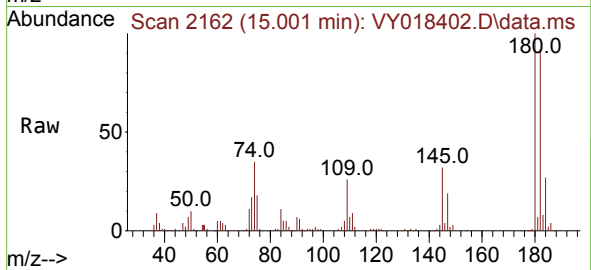




#93
 1,2,4-Trichlorobenzene
 Concen: 48.774 ug/l
 RT: 15.001 min Scan# 2162
 Delta R.T. -0.006 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

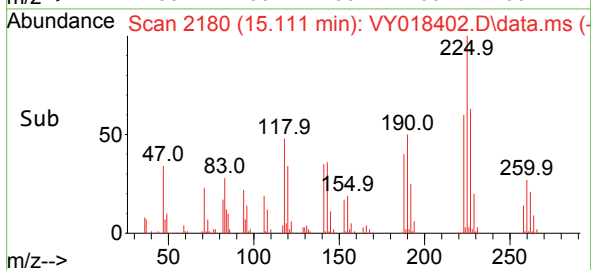
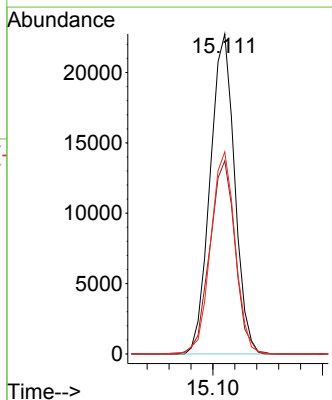
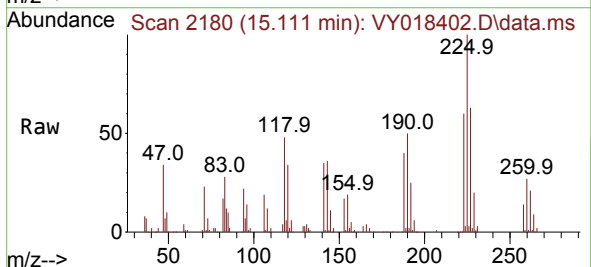
Instrument :
 MSVOA_Y
 ClientSampleId :

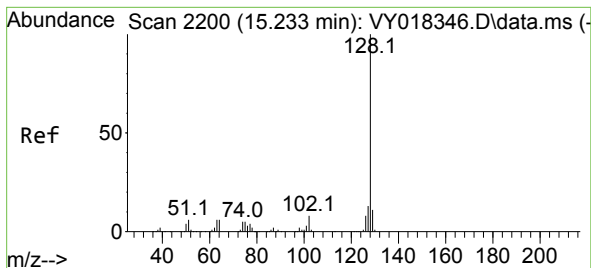
Tgt Ion:180	Resp:	71959
Ion Ratio	Lower	Upper
180	100	
182	92.4	47.9 143.8
145	31.7	14.2 42.6



#94
 Hexachlorobutadiene
 Concen: 46.711 ug/l
 RT: 15.111 min Scan# 2180
 Delta R.T. 0.000 min
 Lab File: VY018402.D
 Acq: 29 May 2024 16:15

Tgt Ion:225	Resp:	35267
Ion Ratio	Lower	Upper
225	100	
223	62.3	30.4 91.2
227	63.2	31.9 95.9





#95

Naphthalene

Concen: 52.598 ug/l

RT: 15.233 min Scan# 2200

Delta R.T. 0.000 min

Lab File: VY018402.D

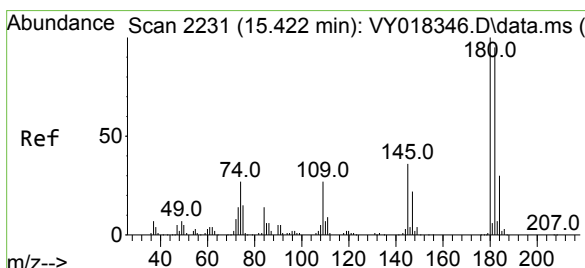
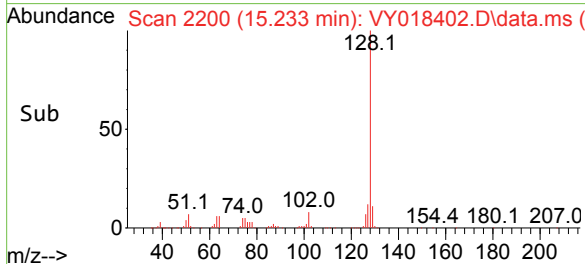
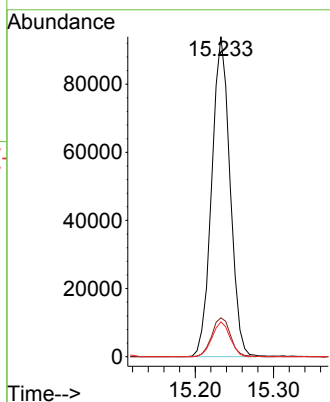
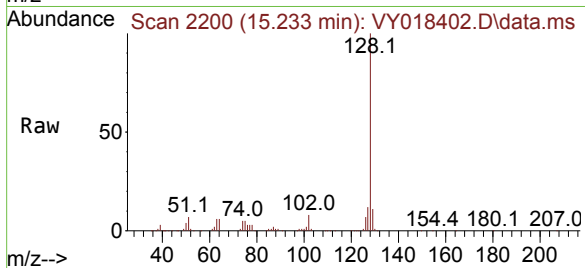
Acq: 29 May 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	128	Resp:	152594
Ion Ratio	Lower	Upper	
128	100		
127	12.4	10.6	16.0
129	10.7	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 46.982 ug/l

RT: 15.422 min Scan# 2231

Delta R.T. 0.000 min

Lab File: VY018402.D

Acq: 29 May 2024 16:15

Tgt Ion:	180	Resp:	58931
Ion Ratio	Lower	Upper	
180	100		
182	95.1	47.6	142.9
145	34.7	15.4	46.1

