

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052924\
 Data File : VY018394.D
 Acq On : 29 May 2024 13:04
 Operator : SY/MD
 Sample : VY0529SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 30 04:01:37 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	120180	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.685	114	219158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	187204	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	84642	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67015	58.857	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 117.720%	
35) Dibromofluoromethane	7.710	113	67890	53.121	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.240%	
50) Toluene-d8	10.179	98	274568	55.104	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 110.200%	
62) 4-Bromofluorobenzene	12.477	95	87798	57.025	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 114.060%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.894	85	19762	19.266	ug/l	98
3) Chloromethane	2.107	50	32484	19.487	ug/l	97
4) Vinyl Chloride	2.241	62	41053	22.014	ug/l	99
5) Bromomethane	2.637	94	28686	21.515	ug/l	98
6) Chloroethane	2.778	64	27312	22.562	ug/l	93
7) Trichlorofluoromethane	3.107	101	44955	21.481	ug/l	93
8) Diethyl Ether	3.521	74	14323	21.434	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.887	101	26891	20.828	ug/l	94
10) Methyl Iodide	4.076	142	24604	18.949	ug/l	95
11) Tert butyl alcohol	4.948	59	14218	111.309	ug/l	# 85
12) 1,1-Dichloroethene	3.863	96	24595	19.342	ug/l	89
13) Acrolein	3.710	56	11236	111.094	ug/l	94
14) Allyl chloride	4.466	41	39112	22.023	ug/l	96
15) Acrylonitrile	5.143	53	33361	115.422	ug/l	98
16) Acetone	3.936	43	25649	109.525	ug/l	# 86
17) Carbon Disulfide	4.180	76	65092	18.331	ug/l	96
18) Methyl Acetate	4.466	43	13451	21.670	ug/l	100
19) Methyl tert-butyl Ether	5.204	73	68930	22.607	ug/l	95
20) Methylene Chloride	4.704	84	40470	27.871	ug/l	96
21) trans-1,2-Dichloroethene	5.204	96	28960	21.589	ug/l	90
22) Diisopropyl ether	6.106	45	85187	23.082	ug/l	93
23) Vinyl Acetate	6.051	43	273430	115.706	ug/l	# 92
24) 1,1-Dichloroethane	6.009	63	51975	22.964	ug/l	96
25) 2-Butanone	6.978	43	42216	113.756	ug/l	93
26) 2,2-Dichloropropane	6.972	77	42938	21.946	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	32976	20.920	ug/l	91
28) Bromochloromethane	7.326	49	16835	21.900	ug/l	85
29) Tetrahydrofuran	7.344	42	28180	115.366	ug/l	89
30) Chloroform	7.496	83	52321	22.680	ug/l	97
31) Cyclohexane	7.777	56	45376	21.184	ug/l	94
32) 1,1,1-Trichloroethane	7.698	97	44391	21.923	ug/l	97
36) 1,1-Dichloropropene	7.911	75	37002	19.964	ug/l	98
37) Ethyl Acetate	7.064	43	19209	21.665	ug/l	99
38) Carbon Tetrachloride	7.893	117	37006	19.494	ug/l	97
39) Methylcyclohexane	9.179	83	49428	19.117	ug/l	93
40) Benzene	8.155	78	119068	21.074	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	12215	27.600	ug/l #	59
42) 1,2-Dichloroethane	8.228	62	28478	20.954	ug/l	99
43) Isopropyl Acetate	8.271	43	37914	21.917	ug/l	94
44) Trichloroethene	8.935	130	27835	19.220	ug/l	90
45) 1,2-Dichloropropane	9.209	63	28202	22.193	ug/l	99
46) Dibromomethane	9.301	93	15911	21.338	ug/l	90
47) Bromodichloromethane	9.490	83	38239	21.131	ug/l #	98
48) Methyl methacrylate	9.289	41	15922	20.347	ug/l	92
49) 1,4-Dioxane	9.289	88	3887	401.774	ug/l #	86
51) 4-Methyl-2-Pentanone	10.063	43	97256	111.396	ug/l	93
52) Toluene	10.240	92	75096	21.203	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	36334	21.961	ug/l	95
54) cis-1,3-Dichloropropene	9.923	75	43108	21.264	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	21018	21.276	ug/l	91
56) Ethyl methacrylate	10.508	69	29165	21.524	ug/l #	86
57) 1,3-Dichloropropane	10.788	76	37192	22.213	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.776	63	64856	105.927	ug/l	95
59) 2-Hexanone	10.825	43	67706	112.702	ug/l	92
60) Dibromochloromethane	10.984	129	23724	19.882	ug/l	96
61) 1,2-Dibromoethane	11.081	107	19245	21.113	ug/l	99
64) Tetrachloroethene	10.715	164	25276	19.033	ug/l	99
65) Chlorobenzene	11.514	112	78487	20.296	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.587	131	24724	20.210	ug/l	98
67) Ethyl Benzene	11.587	91	142312	20.955	ug/l	98
68) m/p-Xylenes	11.703	106	105675	40.441	ug/l	96
69) o-Xylene	12.026	106	49950	20.256	ug/l	94
70) Styrene	12.044	104	86450	21.208	ug/l	98
71) Bromoform	12.209	173	12006	18.554	ug/l #	97
73) Isopropylbenzene	12.325	105	134766	20.257	ug/l	100
74) N-amyl acetate	12.142	43	34214	22.043	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.581	83	24226	21.371	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	30839	40.538	ug/l #	100
77) Bromobenzene	12.605	156	28045	19.247	ug/l	90
78) n-propylbenzene	12.666	91	167865	21.074	ug/l	98
79) 2-Chlorotoluene	12.758	91	88664	20.559	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	107940	20.647	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.374	75	7103	19.211	ug/l	87
82) 4-Chlorotoluene	12.849	91	93096	21.291	ug/l	97
83) tert-Butylbenzene	13.075	119	99045	20.496	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	108100	21.025	ug/l	97
85) sec-Butylbenzene	13.251	105	150149	21.009	ug/l	98
86) p-Isopropyltoluene	13.367	119	119757	20.486	ug/l	97
87) 1,3-Dichlorobenzene	13.361	146	57826	20.154	ug/l	97
88) 1,4-Dichlorobenzene	13.440	146	56712	19.859	ug/l	96
89) n-Butylbenzene	13.696	91	117219	21.337	ug/l	99
90) Hexachloroethane	13.959	117	21634	20.040	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	50285	20.198	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	3290	21.161	ug/l	79
93) 1,2,4-Trichlorobenzene	15.007	180	25818	18.206	ug/l	98
94) Hexachlorobutadiene	15.111	225	13271	18.287	ug/l	98
95) Naphthalene	15.233	128	51440	18.446	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	22256	18.459	ug/l	97

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Quant Title : SW846 8260
QLast Update : Thu May 23 01:40:36 2024
Response via : Initial Calibration

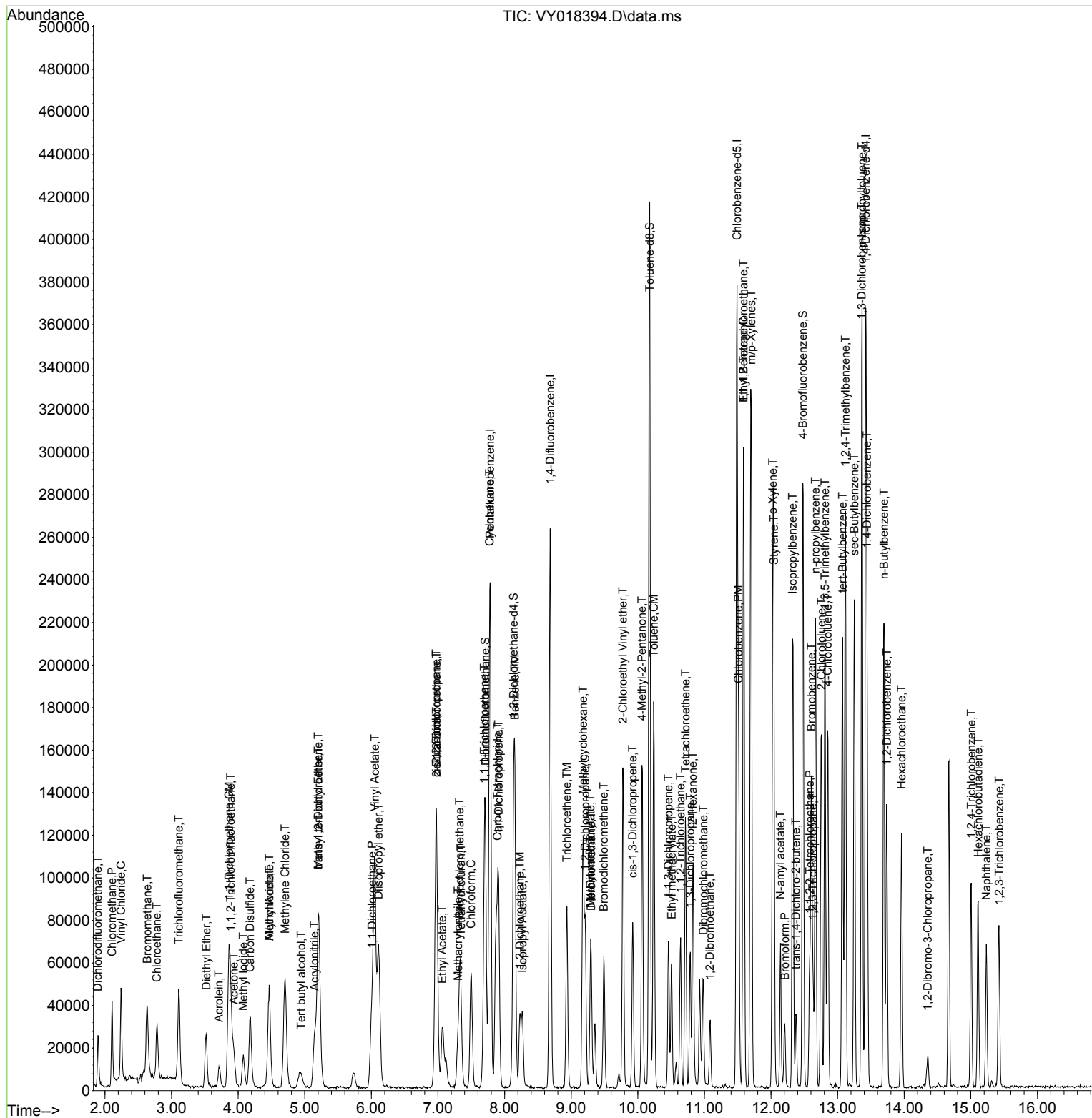
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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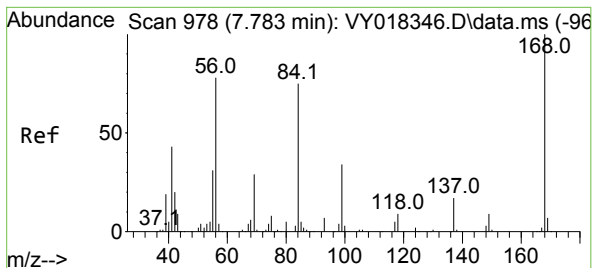
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
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Quant Time: May 30 04:01:37 2024
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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: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

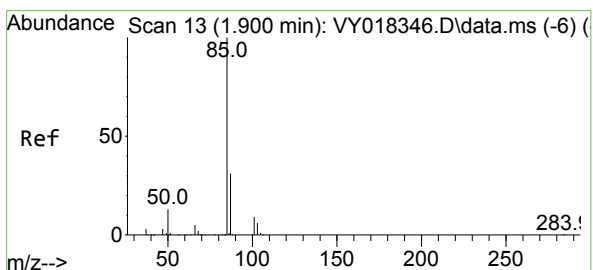
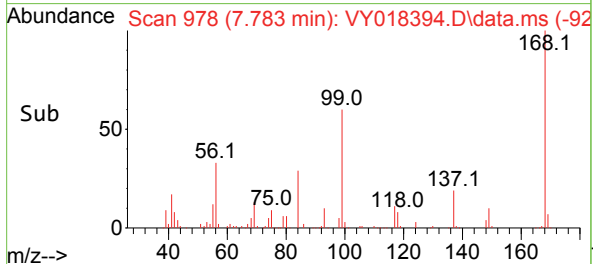
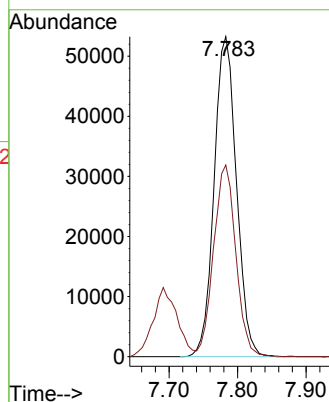
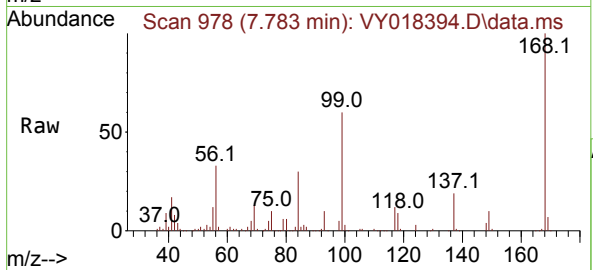
ClientSampleId :

Tgt Ion:168 Resp: 120180

Ion Ratio Lower Upper

168 100

99 59.8 39.1 58.7#



#2

Dichlorodifluoromethane

Concen: 19.266 ug/l

RT: 1.894 min Scan# 12

Delta R.T. -0.006 min

Lab File: VY018394.D

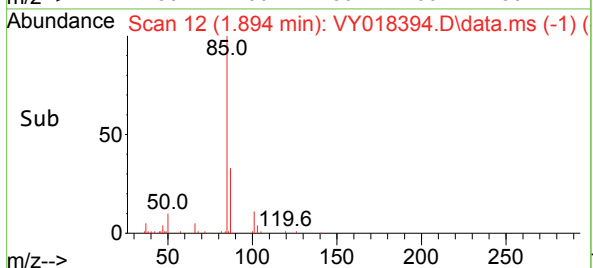
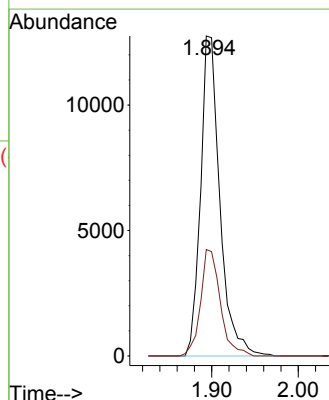
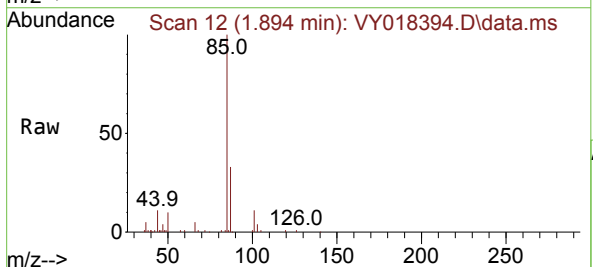
Acq: 29 May 2024 13:04

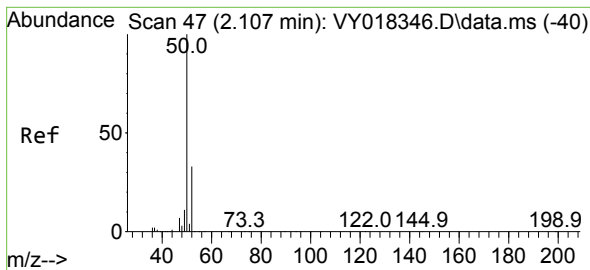
Tgt Ion: 85 Resp: 19762

Ion Ratio Lower Upper

85 100

87 33.3 16.0 48.0

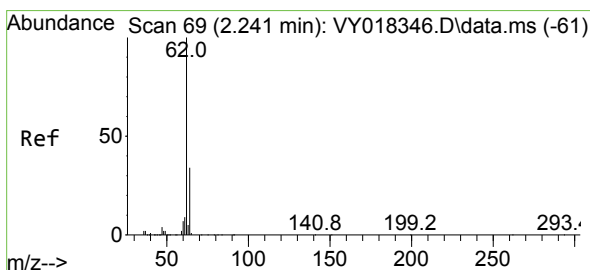
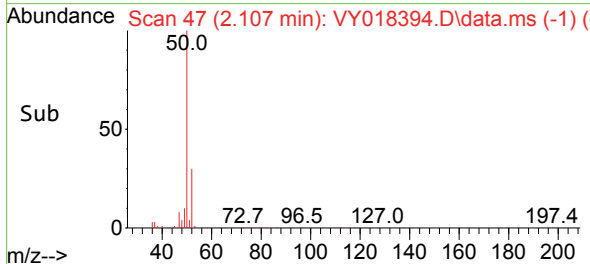
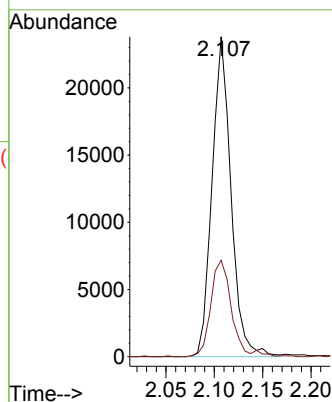
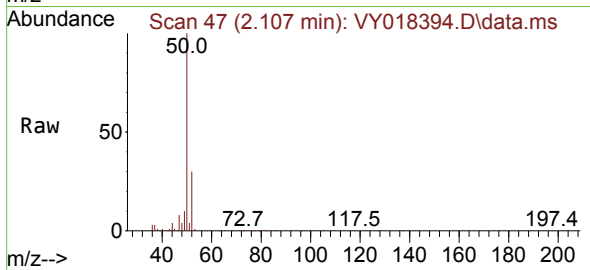




#3
Chloromethane
Concen: 19.487 ug/l
RT: 2.107 min Scan# 47
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

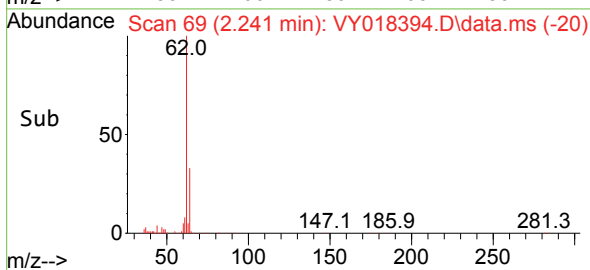
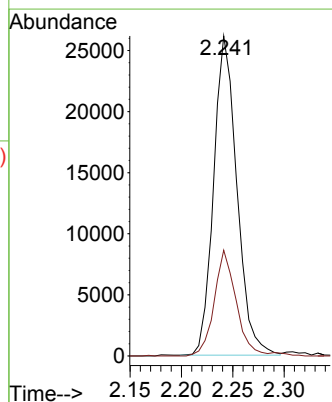
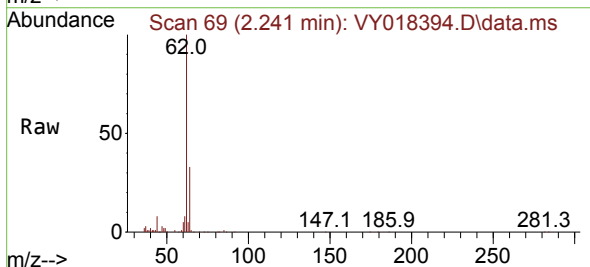
Instrument :
MSVOA_Y
ClientSampleId :

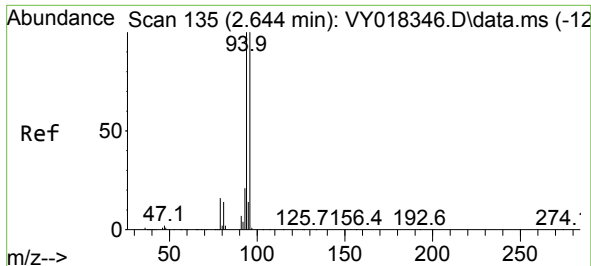
Tgt Ion: 50 Resp: 32484
Ion Ratio Lower Upper
50 100
52 30.1 25.6 38.4



#4
Vinyl Chloride
Concen: 22.014 ug/l
RT: 2.241 min Scan# 69
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 62 Resp: 41053
Ion Ratio Lower Upper
62 100
64 33.1 26.1 39.1

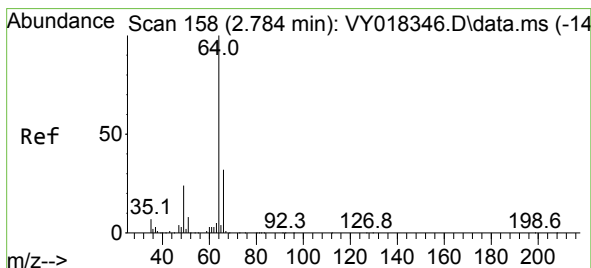
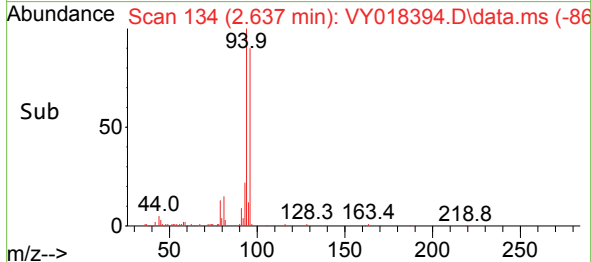
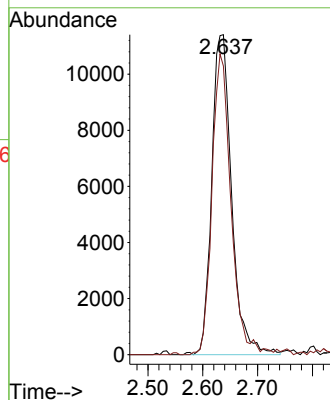
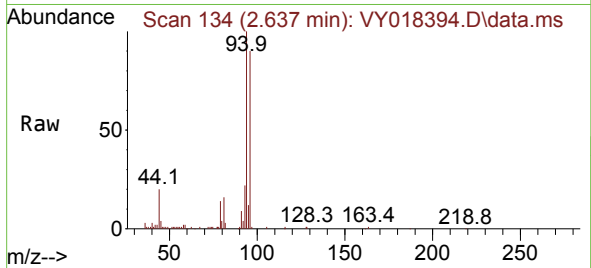




#5
Bromomethane
Concen: 21.515 ug/l
RT: 2.637 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

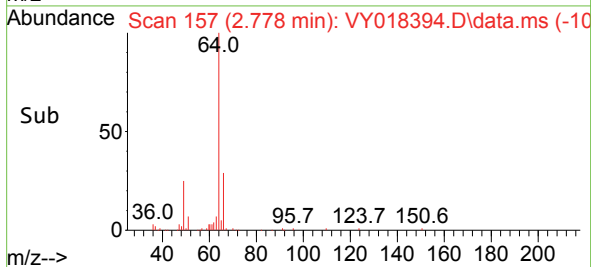
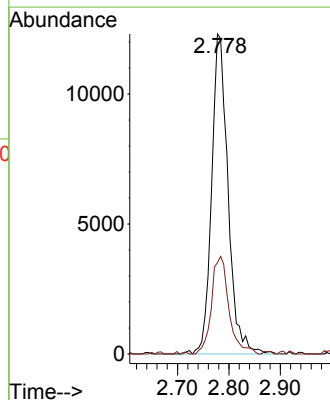
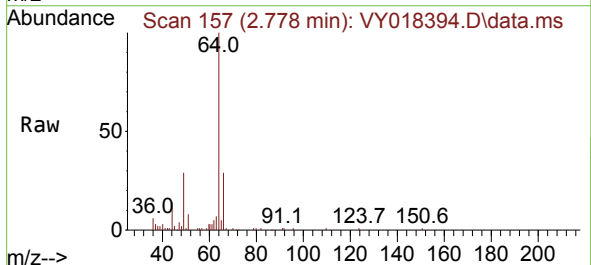
Instrument :
MSVOA_Y
ClientSampleId :

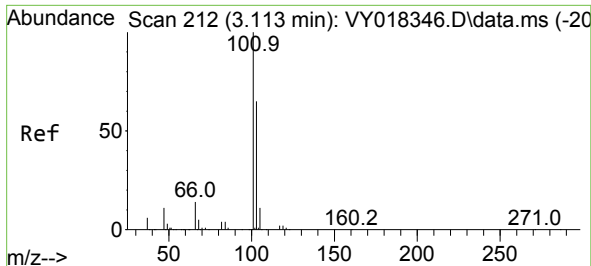
Tgt Ion: 94 Resp: 28686
Ion Ratio Lower Upper
94 100
96 90.2 74.1 111.1



#6
Chloroethane
Concen: 22.562 ug/l
RT: 2.778 min Scan# 157
Delta R.T. -0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

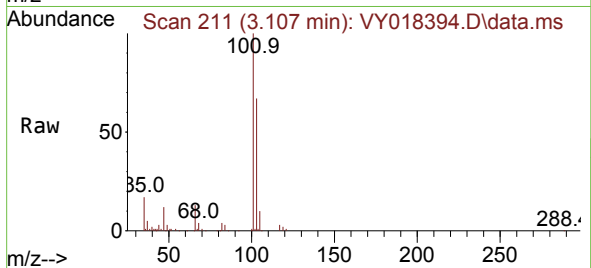
Tgt Ion: 64 Resp: 27312
Ion Ratio Lower Upper
64 100
66 28.5 26.1 39.1



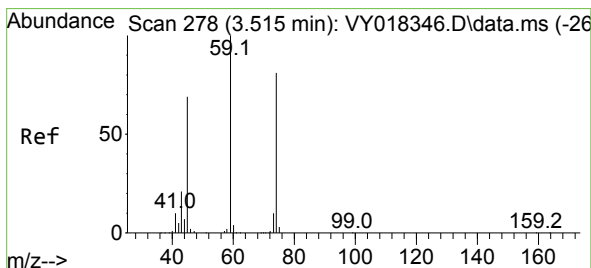
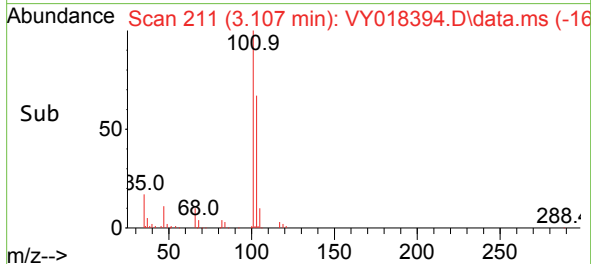
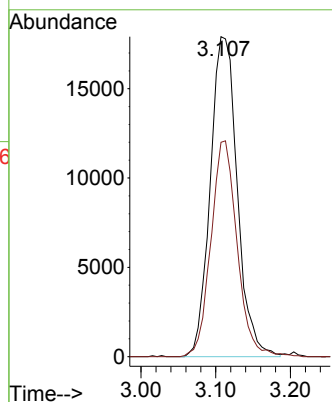


#7
 Trichlorofluoromethane
 Concen: 21.481 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.006 min
 Lab File: VY018394.D
 Acq: 29 May 2024 13:04

Instrument :
 MSVOA_Y
 ClientSampleId :

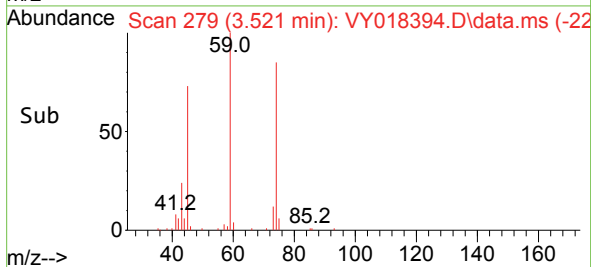
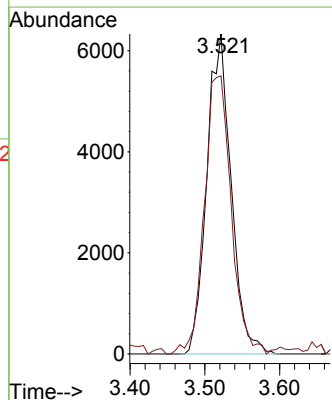
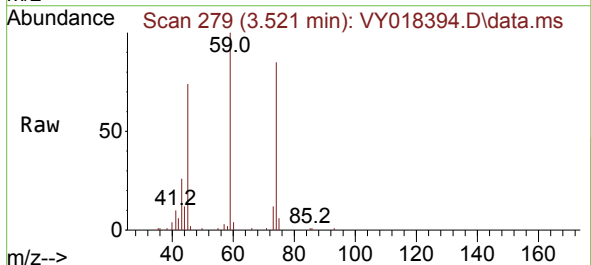


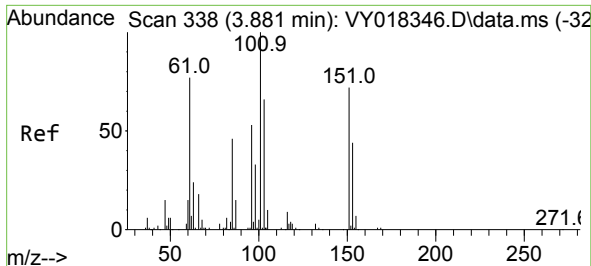
Tgt Ion:101 Resp: 44955
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 21.434 ug/l
 RT: 3.521 min Scan# 279
 Delta R.T. 0.006 min
 Lab File: VY018394.D
 Acq: 29 May 2024 13:04

Tgt Ion: 74 Resp: 14323
 Ion Ratio Lower Upper
 74 100
 45 95.5 41.3 124.1

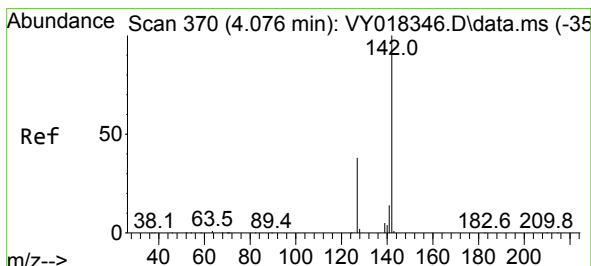
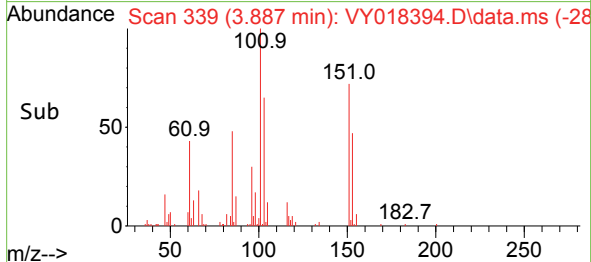
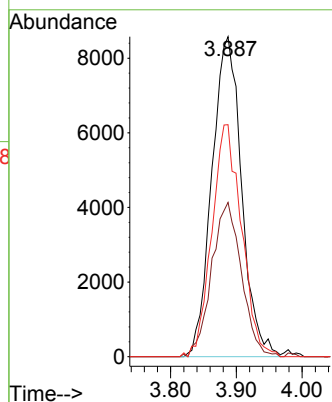
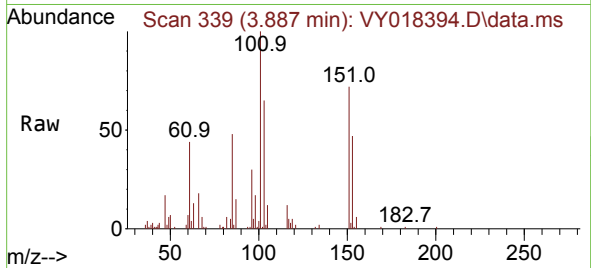




#9
1,1,2-Trichlorotrifluoroethane
Concen: 20.828 ug/l
RT: 3.887 min Scan# 338
Delta R.T. 0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

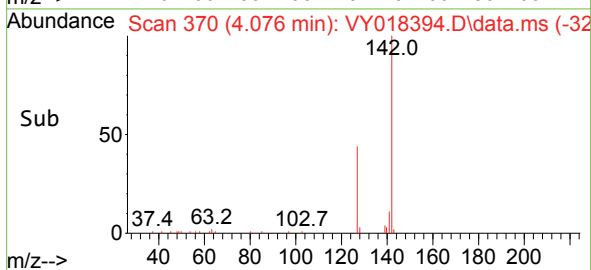
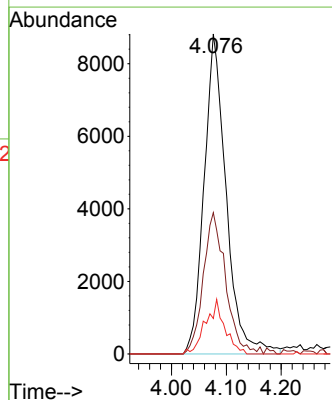
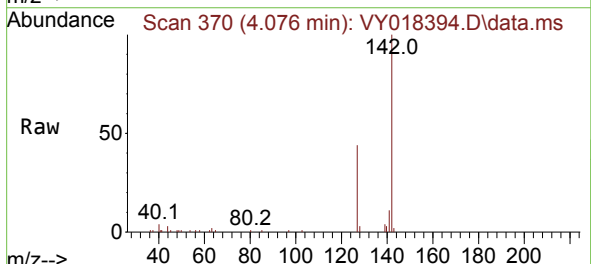
Instrument :
MSVOA_Y
ClientSampleId :

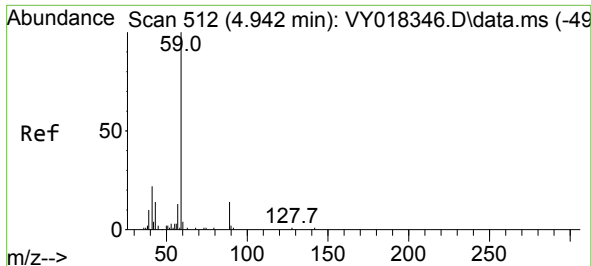
Tgt Ion:101 Resp: 26891
Ion Ratio Lower Upper
101 100
85 48.5 34.5 51.7
151 72.5 61.7 92.5



#10
Methyl Iodide
Concen: 18.949 ug/l
RT: 4.076 min Scan# 370
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion:142 Resp: 24604
Ion Ratio Lower Upper
142 100
127 44.5 32.8 49.2
141 14.9 11.4 17.2

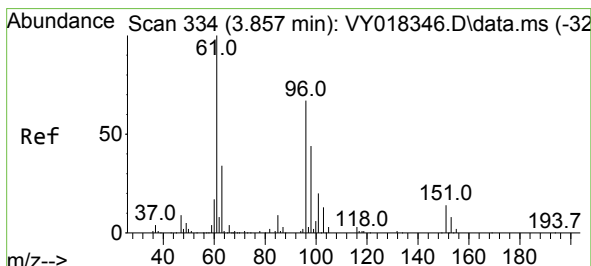
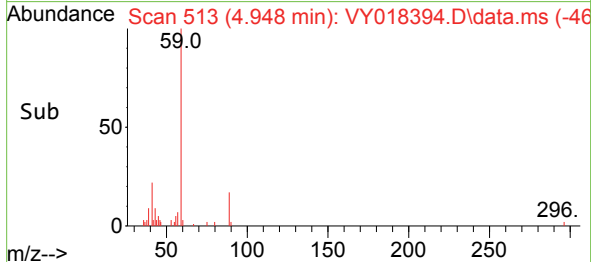
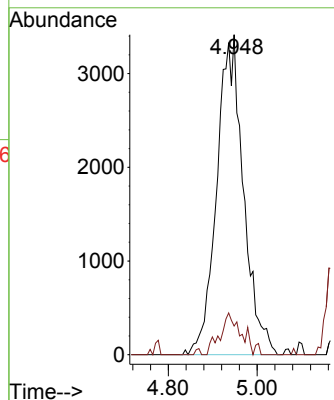
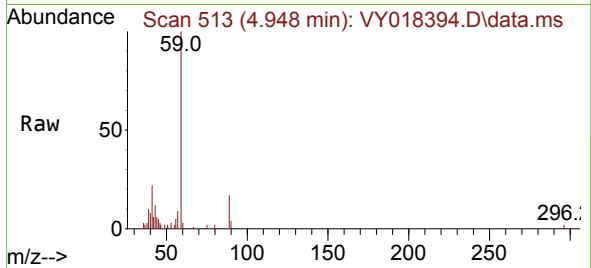




#11
Tert butyl alcohol
Concen: 111.309 ug/l
RT: 4.948 min Scan# 512
Delta R.T. 0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

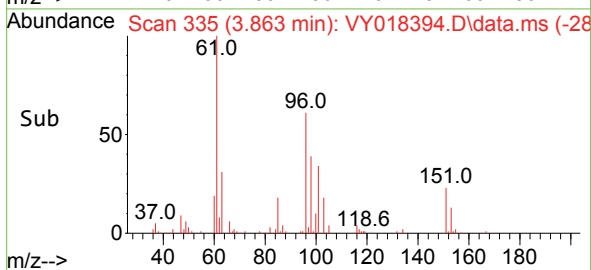
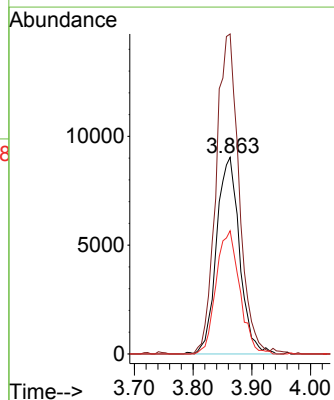
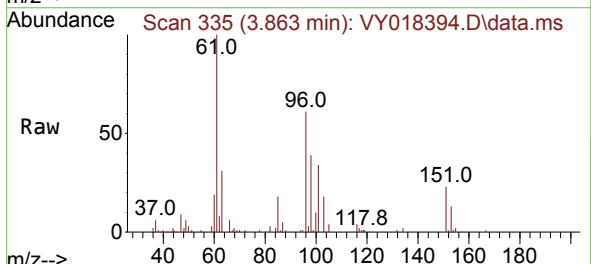
Instrument :
MSVOA_Y
ClientSampleId :

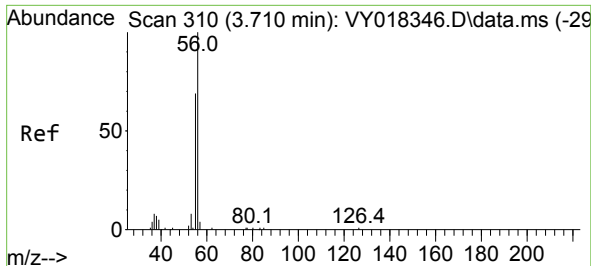
Tgt Ion: 59 Resp: 14218
Ion Ratio Lower Upper
59 100
57 8.8 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 19.342 ug/l
RT: 3.863 min Scan# 335
Delta R.T. 0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 96 Resp: 24595
Ion Ratio Lower Upper
96 100
61 162.7 114.6 171.8
98 62.7 50.8 76.2





#13

Acrolein

Concen: 111.094 ug/l

RT: 3.710 min Scan# 310

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

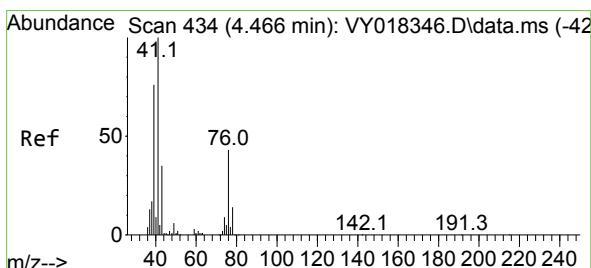
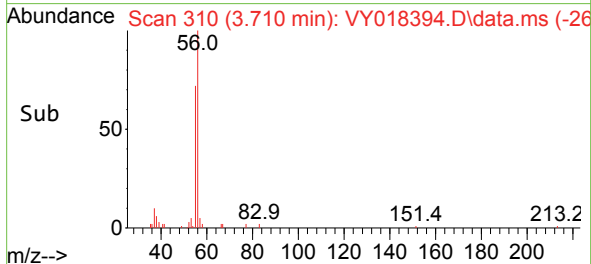
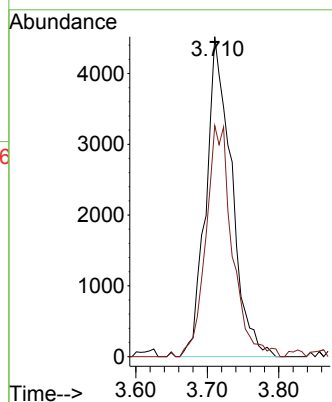
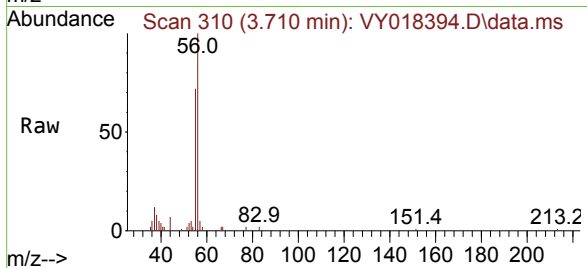
ClientSampleId :

Tgt Ion: 56 Resp: 11236

Ion Ratio Lower Upper

56 100

55 74.4 55.7 83.5



#14

Allyl chloride

Concen: 22.023 ug/l

RT: 4.466 min Scan# 434

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

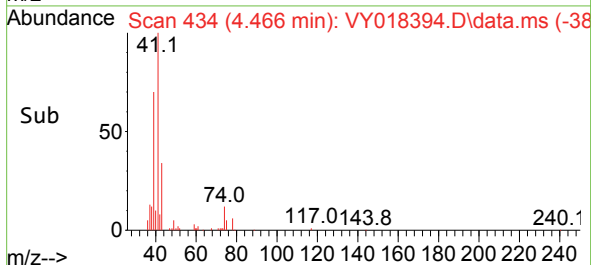
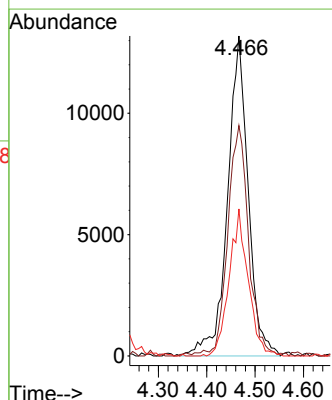
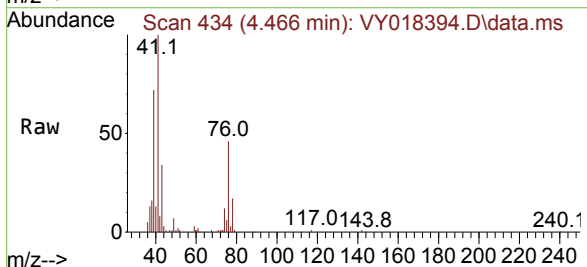
Tgt Ion: 41 Resp: 39112

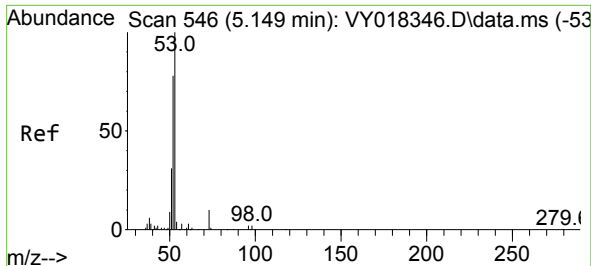
Ion Ratio Lower Upper

41 100

39 72.7 58.3 87.5

76 42.4 39.0 58.6





#15

Acrylonitrile

Concen: 115.422 ug/l

RT: 5.143 min Scan# 54

Delta R.T. -0.006 min

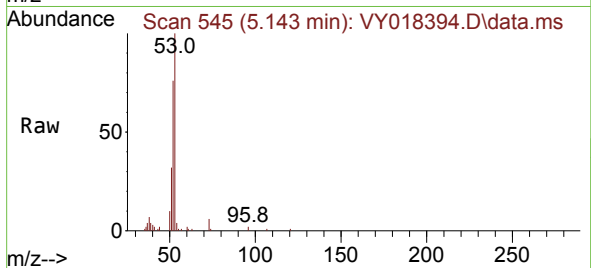
Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

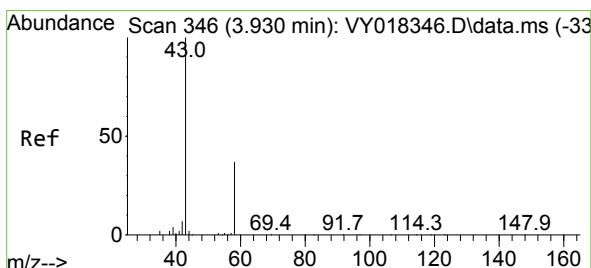
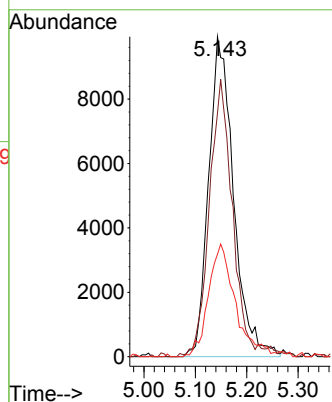
MSVOA_Y

ClientSampleId :



Tgt Ion: 53 Resp: 33361

Ion	Ratio	Lower	Upper
53	100		
52	80.4	64.7	97.1
51	38.2	28.4	42.6



#16

Acetone

Concen: 109.525 ug/l

RT: 3.936 min Scan# 347

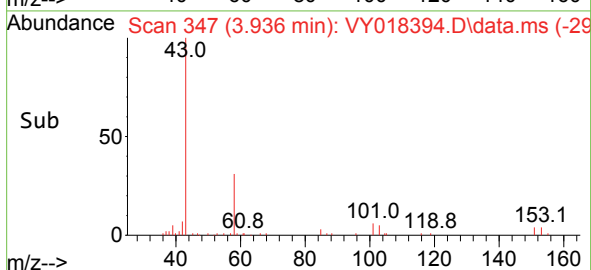
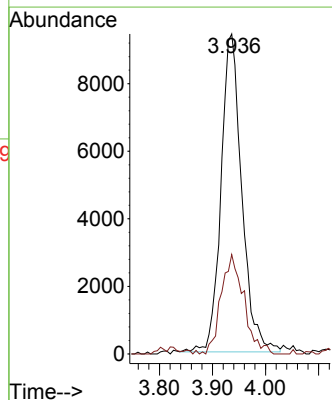
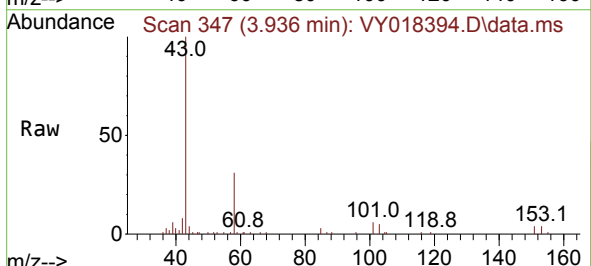
Delta R.T. 0.006 min

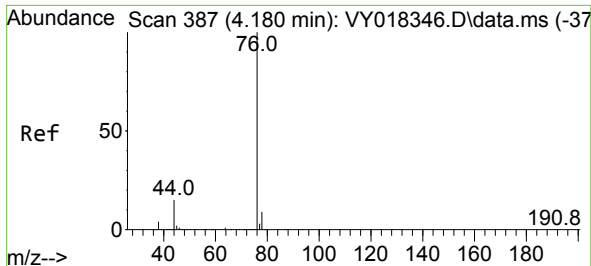
Lab File: VY018394.D

Acq: 29 May 2024 13:04

Tgt Ion: 43 Resp: 25649

Ion	Ratio	Lower	Upper
43	100		
58	31.2	31.7	47.5

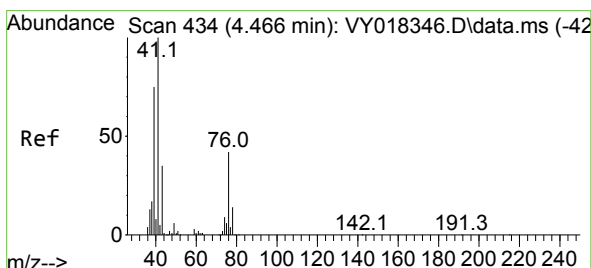
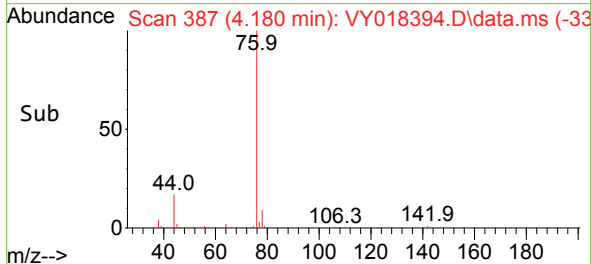
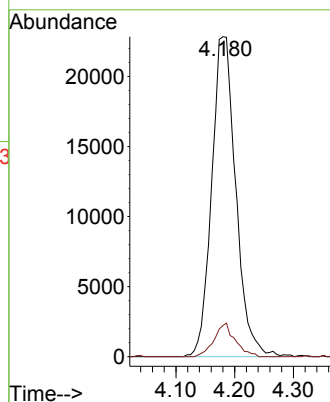
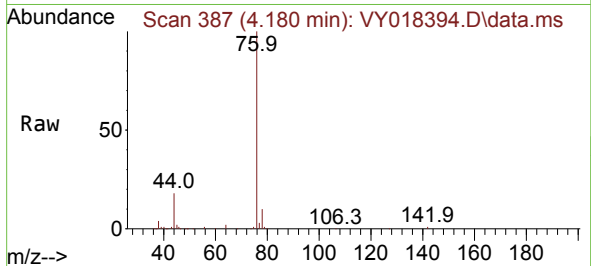




#17
Carbon Disulfide
Concen: 18.331 ug/l
RT: 4.180 min Scan# 387
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

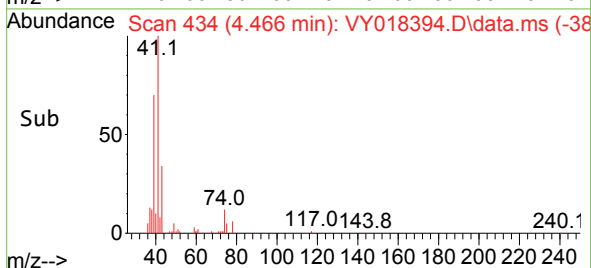
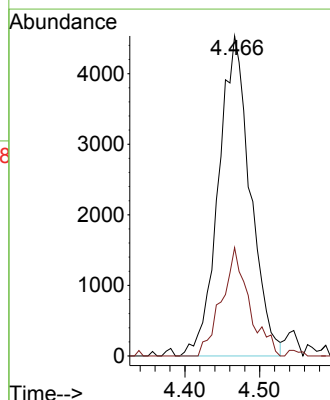
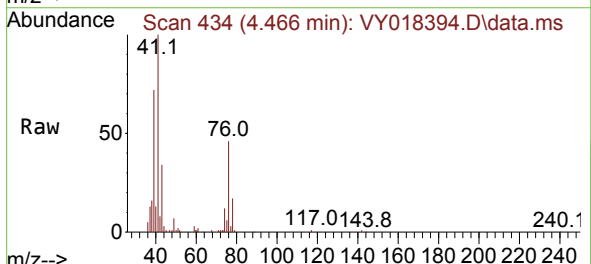
Instrument :
MSVOA_Y
ClientSampleId :

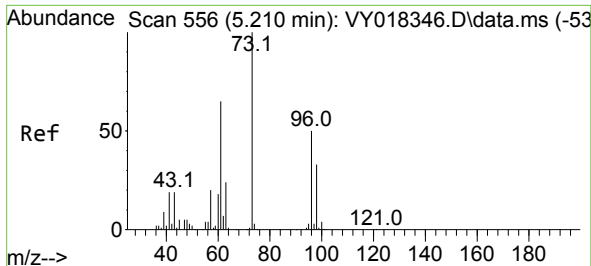
Tgt Ion: 76 Resp: 65092
Ion Ratio Lower Upper
76 100
78 9.8 6.8 10.2



#18
Methyl Acetate
Concen: 21.670 ug/l
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 43 Resp: 13451
Ion Ratio Lower Upper
43 100
74 29.1 23.3 34.9

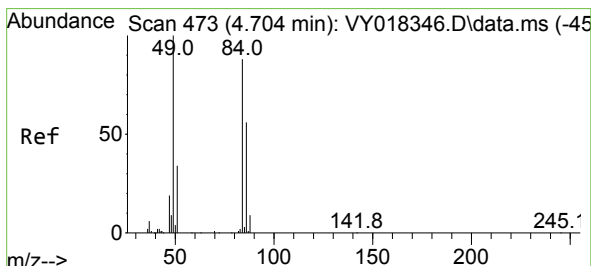
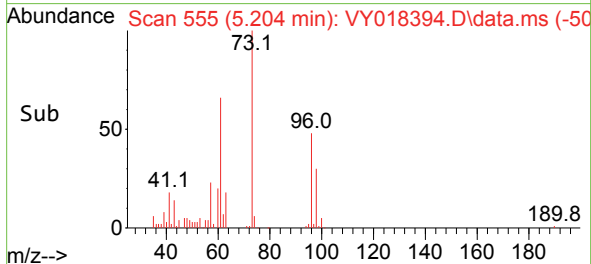
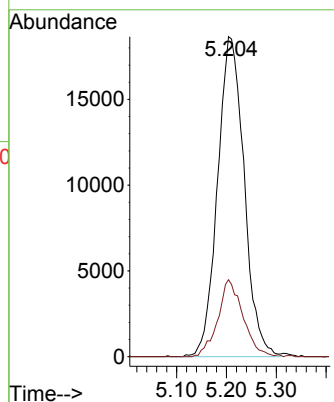
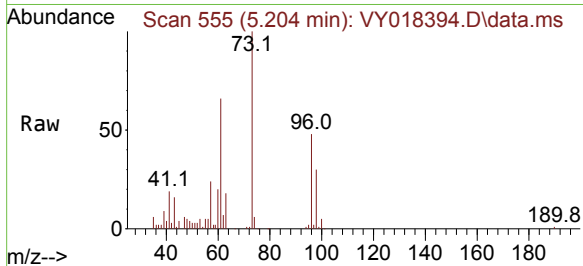




#19
Methyl tert-butyl Ether
Concen: 22.607 ug/l
RT: 5.204 min Scan# 511
Delta R.T. -0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

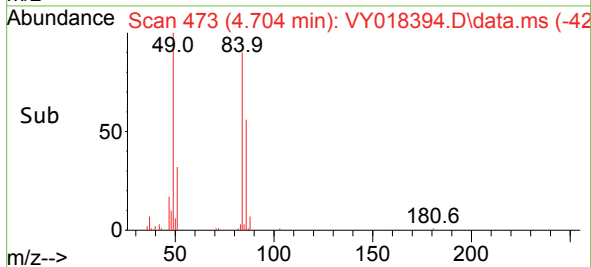
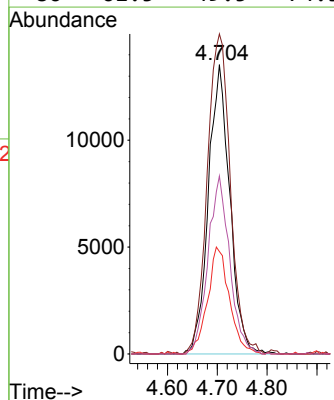
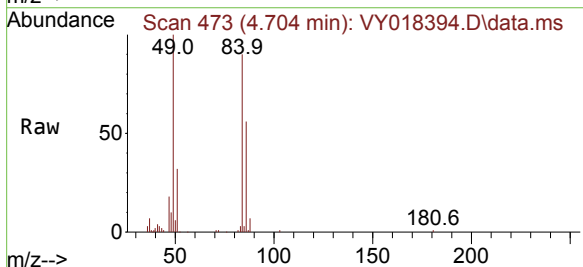
Instrument :
MSVOA_Y
ClientSampleId :

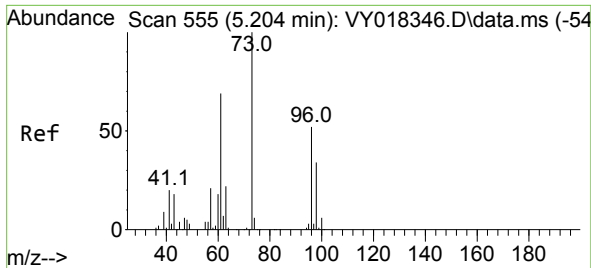
Tgt Ion: 73 Resp: 68930
Ion Ratio Lower Upper
73 100
57 24.0 17.3 25.9



#20
Methylene Chloride
Concen: 27.871 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

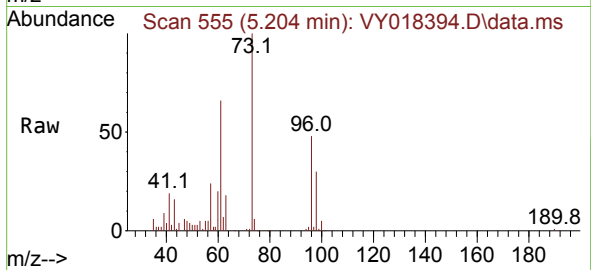
Tgt Ion: 84 Resp: 40470
Ion Ratio Lower Upper
84 100
49 110.6 84.4 126.6
51 35.4 26.0 39.0
86 61.5 49.5 74.3



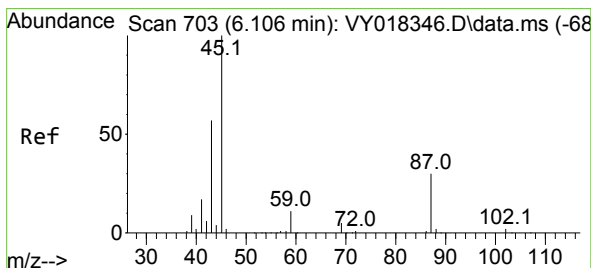
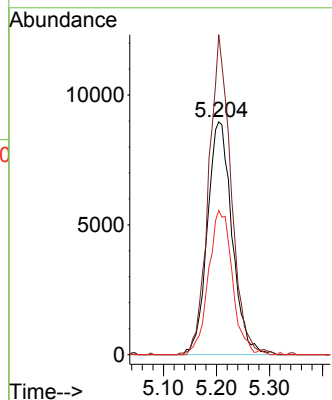
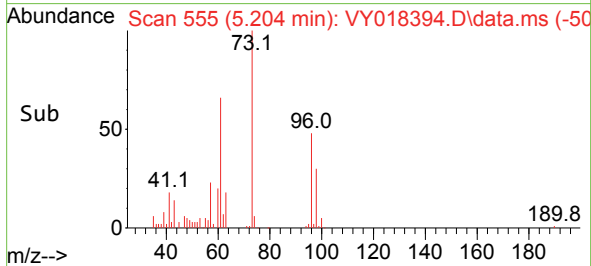


#21
trans-1,2-Dichloroethene
Concen: 21.589 ug/l
RT: 5.204 min Scan# 511
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Instrument :
MSVOA_Y
ClientSampleId :

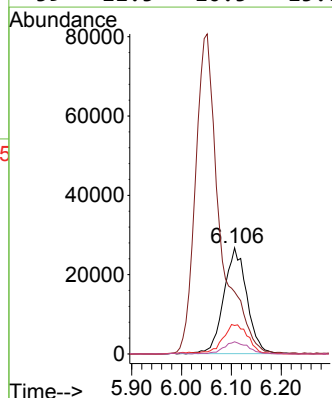
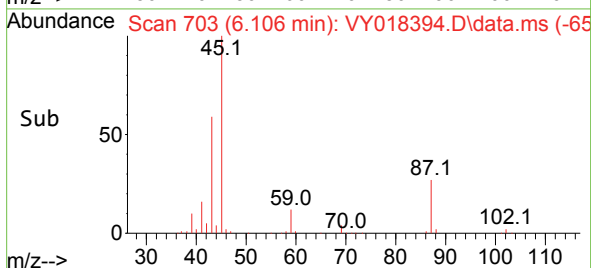
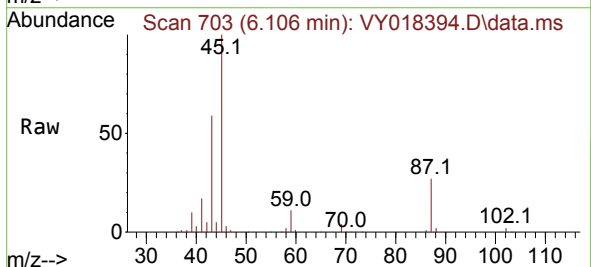


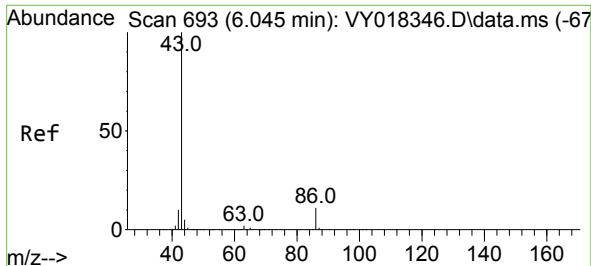
Tgt Ion: 96 Resp: 28960
Ion Ratio Lower Upper
96 100
61 137.4 97.5 146.3
98 61.9 50.5 75.7



#22
Diisopropyl ether
Concen: 23.082 ug/l
RT: 6.106 min Scan# 703
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 45 Resp: 85187
Ion Ratio Lower Upper
45 100
43 57.1 42.2 63.2
87 26.5 25.0 37.6
59 11.5 10.5 15.7

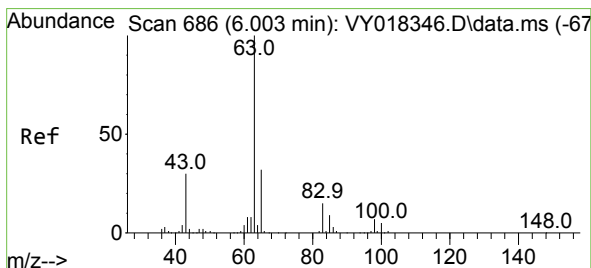
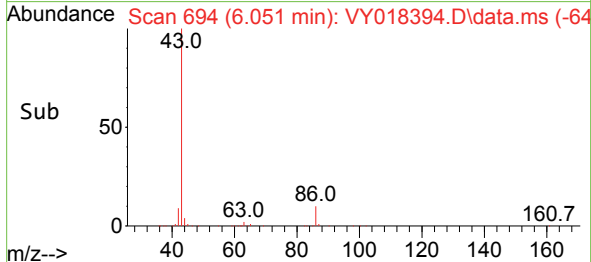
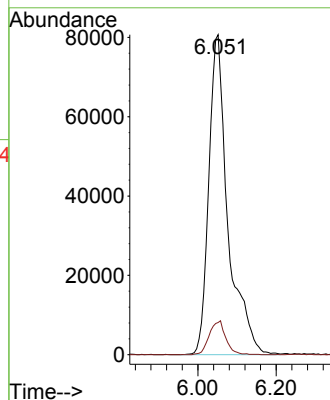
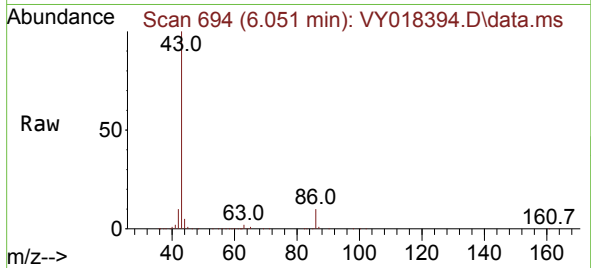




#23
 Vinyl Acetate
 Concen: 115.706 ug/l
 RT: 6.051 min Scan# 693
 Delta R.T. 0.006 min
 Lab File: VY018394.D
 Acq: 29 May 2024 13:04

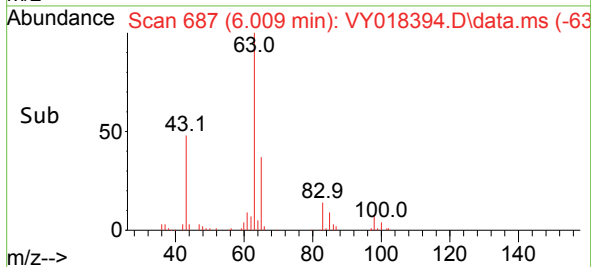
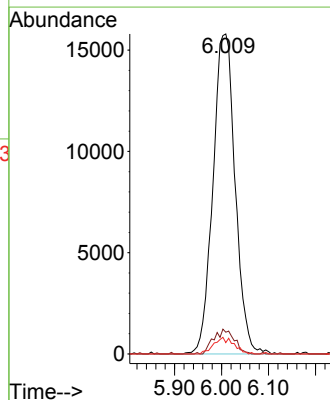
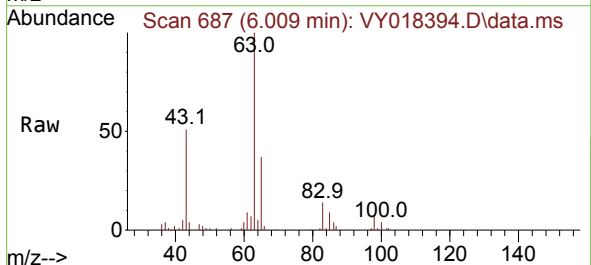
Instrument :
 MSVOA_Y
 ClientSampleId :

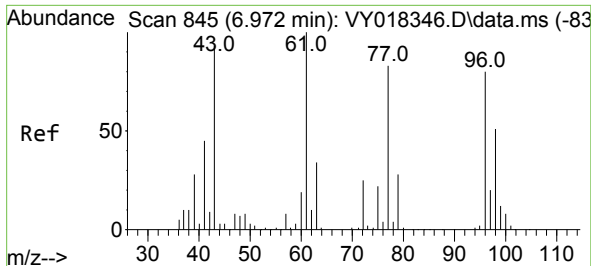
Tgt Ion: 43 Resp: 273430
 Ion Ratio Lower Upper
 43 100
 86 10.0 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 22.964 ug/l
 RT: 6.009 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY018394.D
 Acq: 29 May 2024 13:04

Tgt Ion: 63 Resp: 51975
 Ion Ratio Lower Upper
 63 100
 98 6.8 4.0 12.2
 100 3.6 2.6 8.0

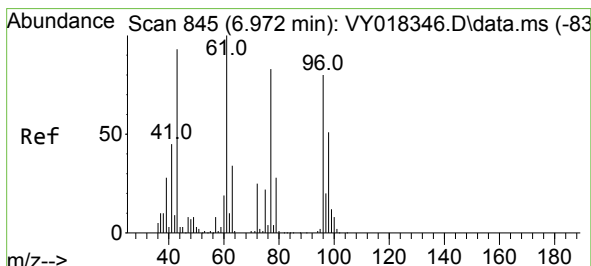
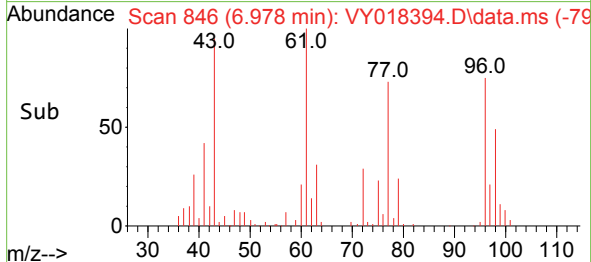
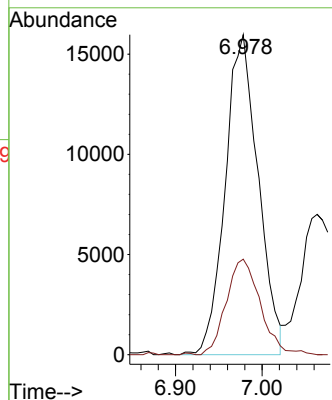
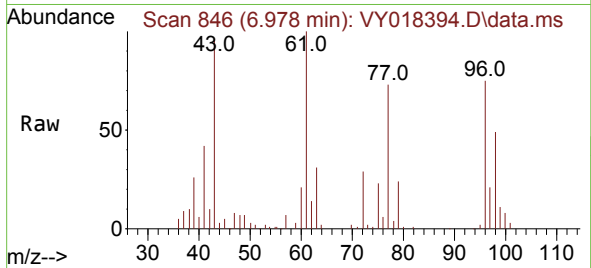




#25
2-Butanone
Concen: 113.756 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

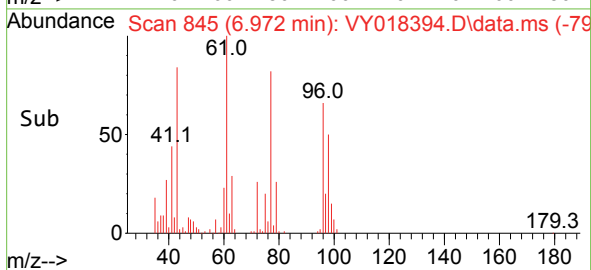
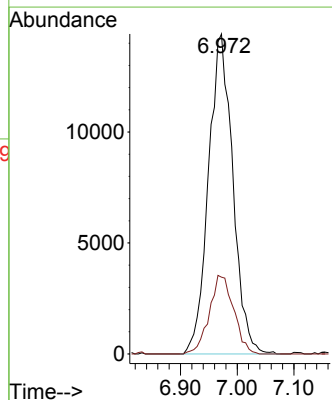
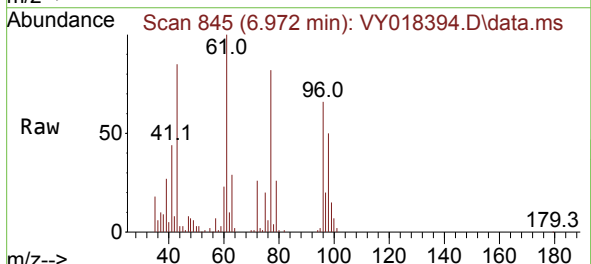
Instrument :
MSVOA_Y
ClientSampleId :

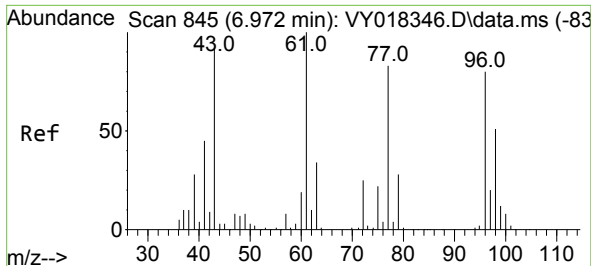
Tgt Ion: 43 Resp: 42216
Ion Ratio Lower Upper
43 100
72 29.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 21.946 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 77 Resp: 42938
Ion Ratio Lower Upper
77 100
97 24.5 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 20.920 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

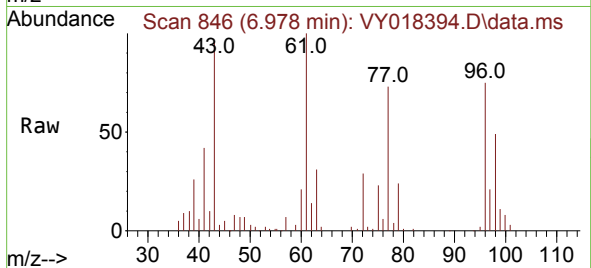
Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :



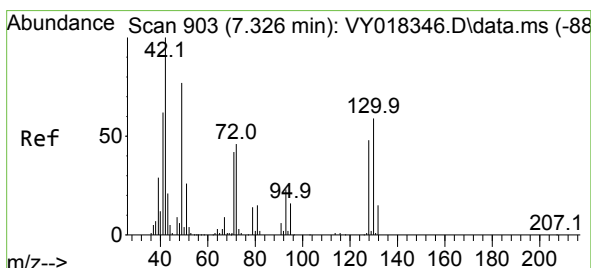
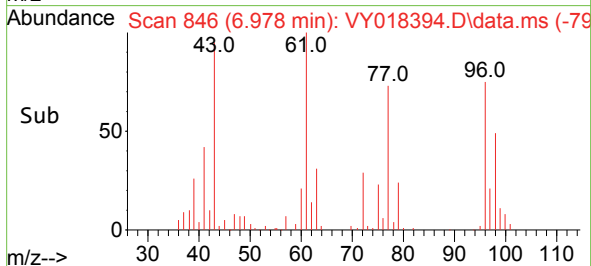
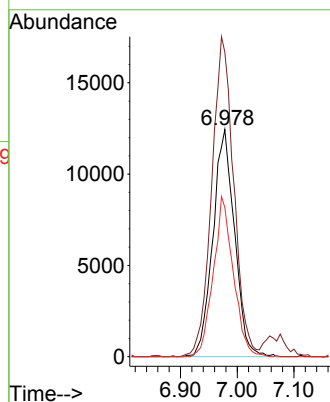
Tgt Ion: 96 Resp: 32976

Ion Ratio Lower Upper

96 100

61 143.3 0.0 256.2

98 65.2 0.0 130.0



#28

Bromochloromethane

Concen: 21.900 ug/l

RT: 7.326 min Scan# 903

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

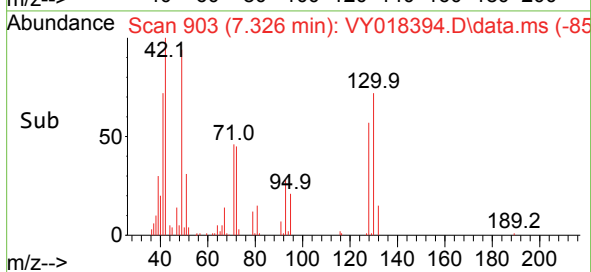
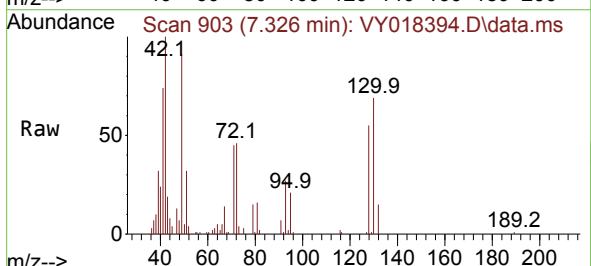
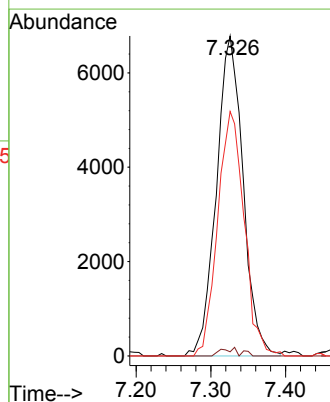
Tgt Ion: 49 Resp: 16835

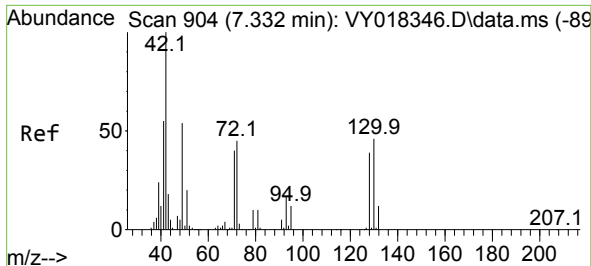
Ion Ratio Lower Upper

49 100

129 1.3 0.0 4.6

130 76.0 72.7 109.1





#29

Tetrahydrofuran

Concen: 115.366 ug/l

RT: 7.344 min Scan# 904

Delta R.T. 0.012 min

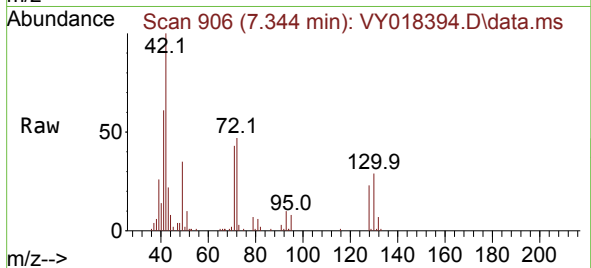
Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :



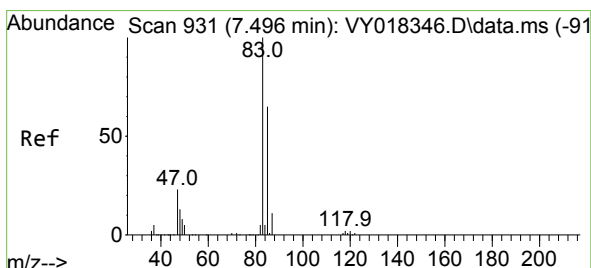
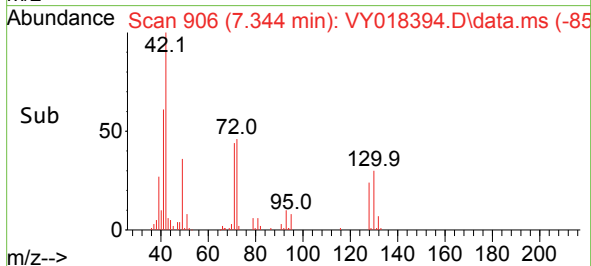
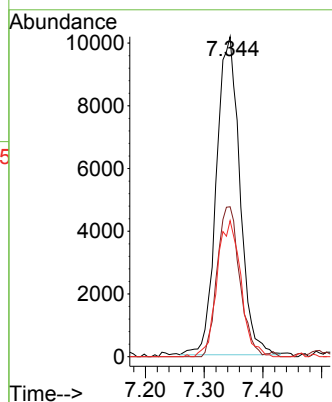
Tgt Ion: 42 Resp: 28180

Ion Ratio Lower Upper

42 100

72 45.4 43.0 64.4

71 43.4 40.8 61.2



#30

Chloroform

Concen: 22.680 ug/l

RT: 7.496 min Scan# 931

Delta R.T. 0.000 min

Lab File: VY018394.D

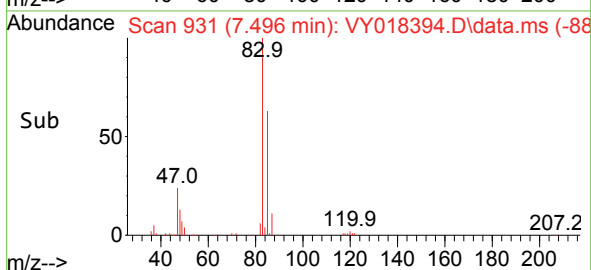
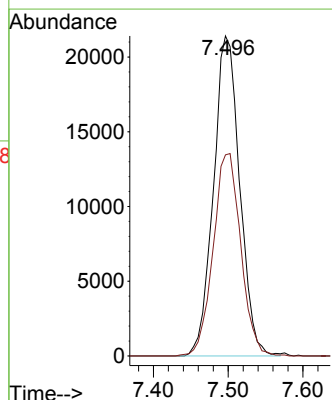
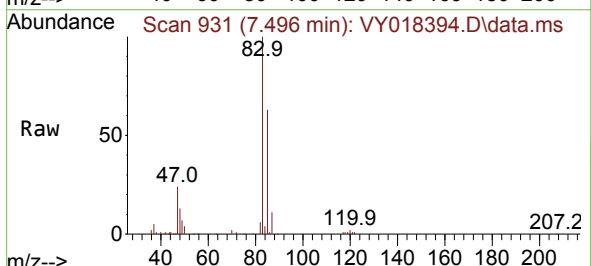
Acq: 29 May 2024 13:04

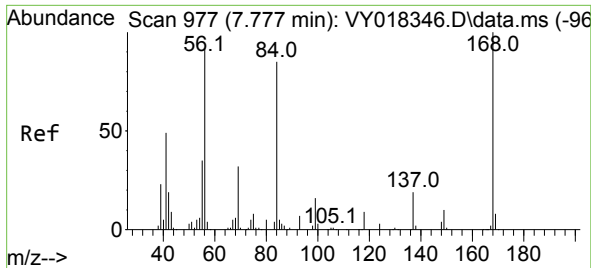
Tgt Ion: 83 Resp: 52321

Ion Ratio Lower Upper

83 100

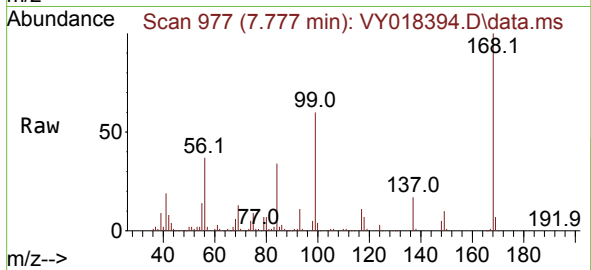
85 62.6 52.2 78.4



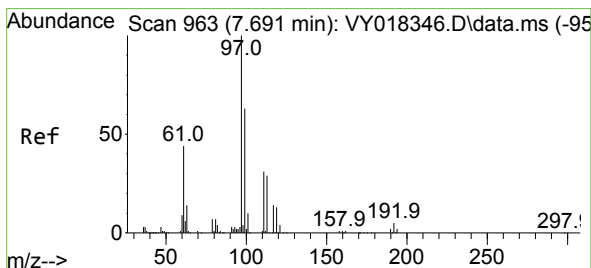
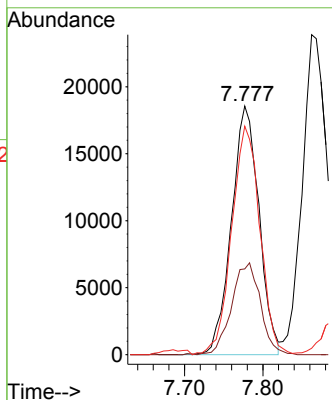
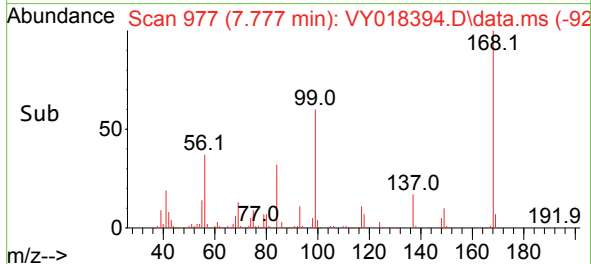


#31
Cyclohexane
Concen: 21.184 ug/l
RT: 7.777 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

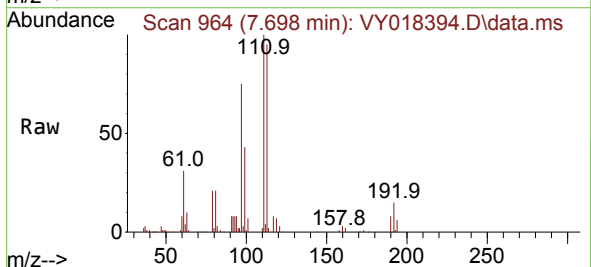
Instrument :
MSVOA_Y
ClientSampleId :



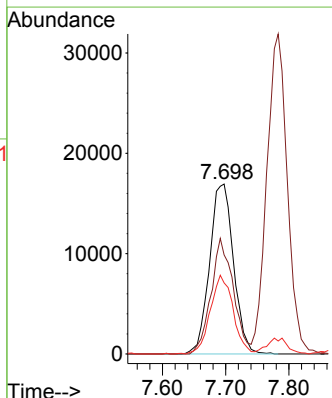
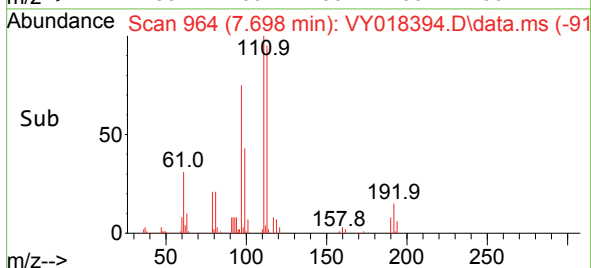
Tgt Ion: 56 Resp: 45376
Ion Ratio Lower Upper
56 100
69 34.5 28.7 43.1
84 90.5 77.7 116.5

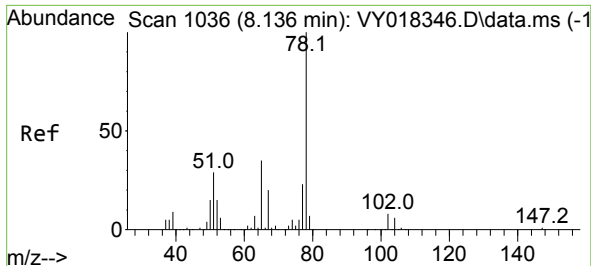


#32
1,1,1-Trichloroethane
Concen: 21.923 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04



Tgt Ion: 97 Resp: 44391
Ion Ratio Lower Upper
97 100
99 63.7 50.3 75.5
61 44.2 32.6 48.8

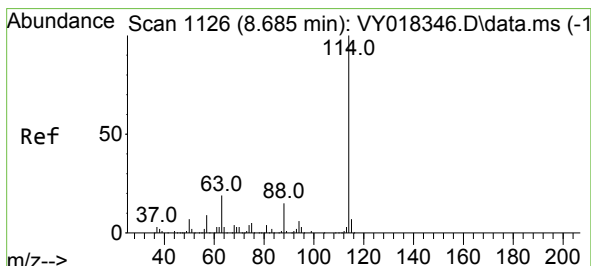
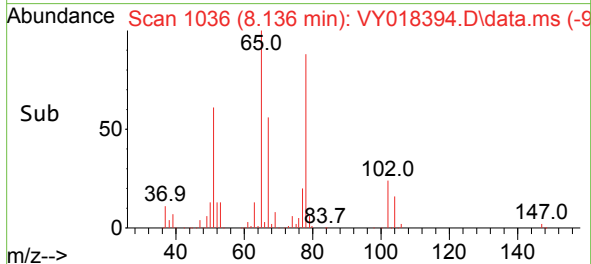
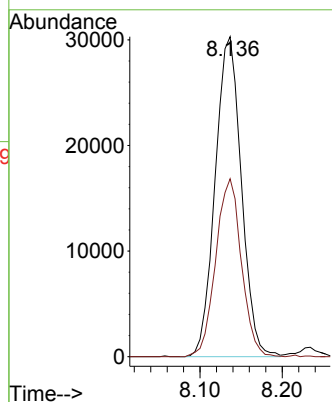
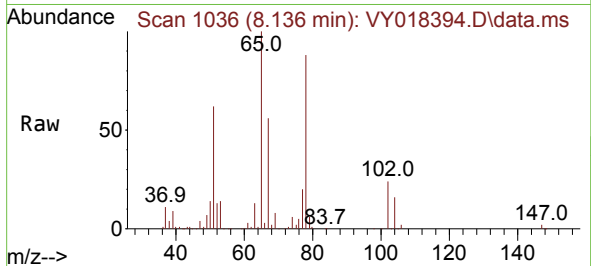




#33
 1,2-Dichloroethane-d4
 Concen: 58.857 ug/l
 RT: 8.136 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018394.D
 Acq: 29 May 2024 13:04

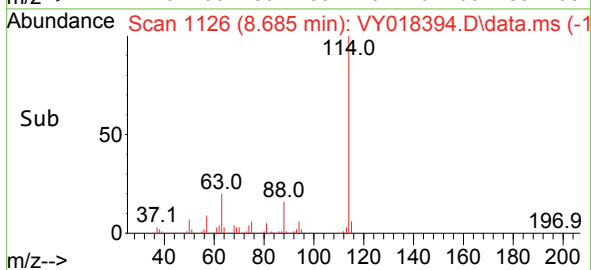
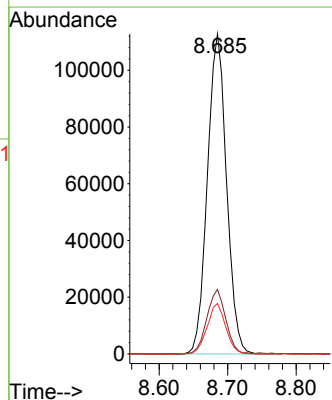
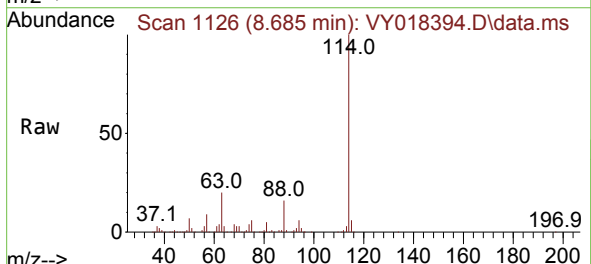
Instrument :
 MSVOA_Y
 ClientSampleId :

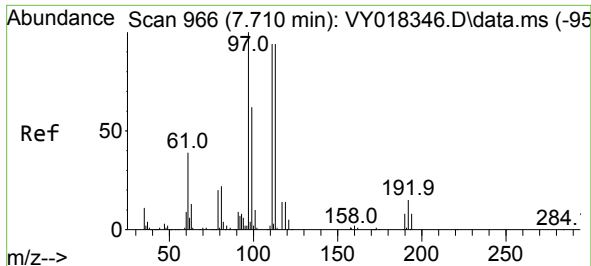
Tgt Ion: 65 Resp: 67015
 Ion Ratio Lower Upper
 65 100
 67 54.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018394.D
 Acq: 29 May 2024 13:04

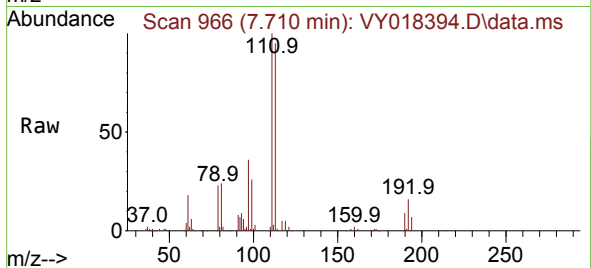
Tgt Ion: 114 Resp: 219158
 Ion Ratio Lower Upper
 114 100
 63 20.1 0.0 35.0
 88 15.8 0.0 27.2



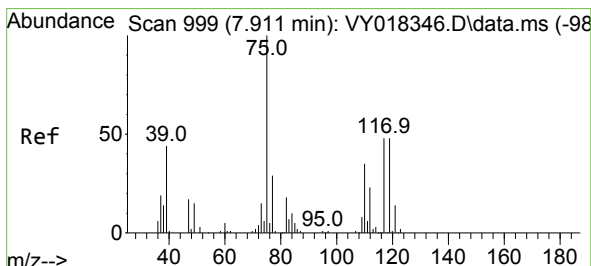
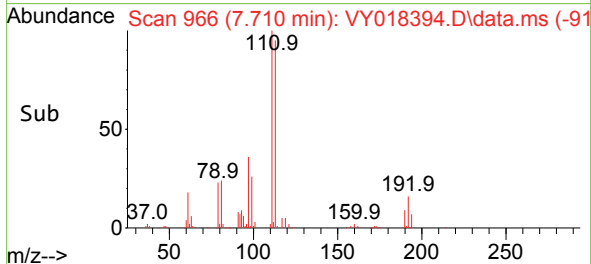
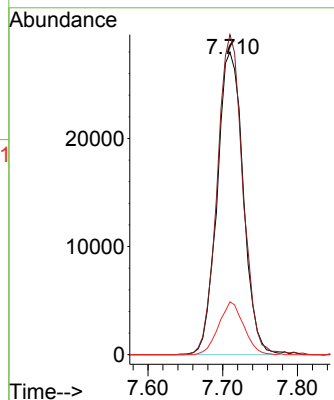


#35
Dibromofluoromethane
Concen: 53.121 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Instrument :
MSVOA_Y
ClientSampleId :

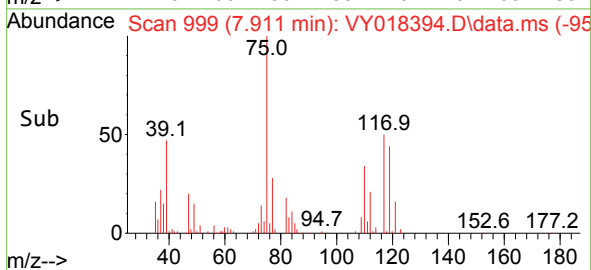
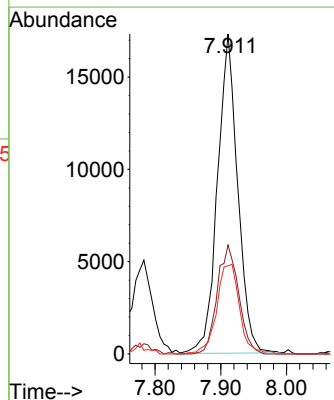
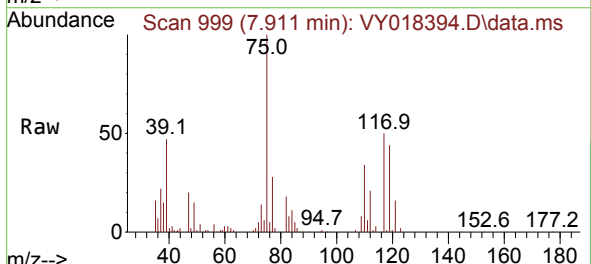


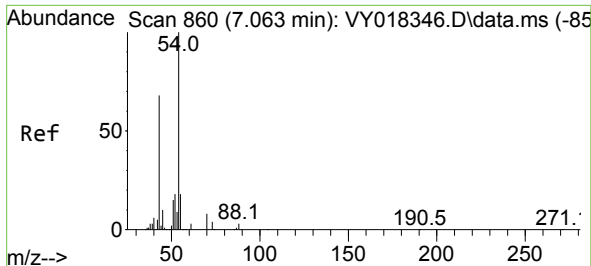
Tgt Ion:113 Resp: 67890
Ion Ratio Lower Upper
113 100
111 104.1 82.2 123.4
192 16.8 15.9 23.9



#36
1,1-Dichloropropene
Concen: 19.964 ug/l
RT: 7.911 min Scan# 999
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 75 Resp: 37002
Ion Ratio Lower Upper
75 100
110 36.2 19.0 57.0
77 31.8 25.3 37.9





#37

Ethyl Acetate

Concen: 21.665 ug/l

RT: 7.064 min Scan# 80

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

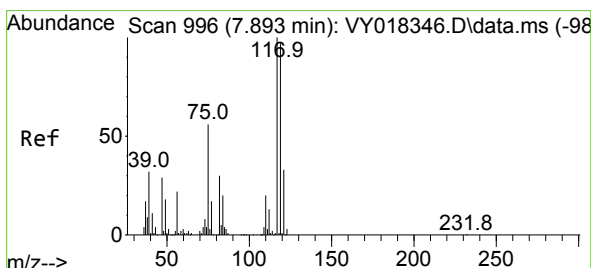
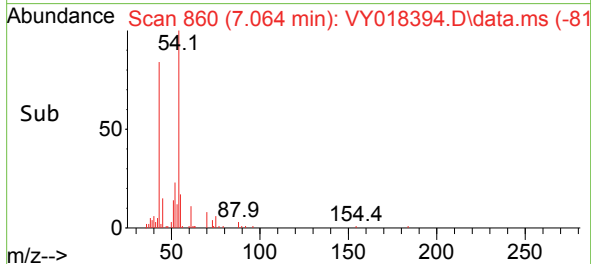
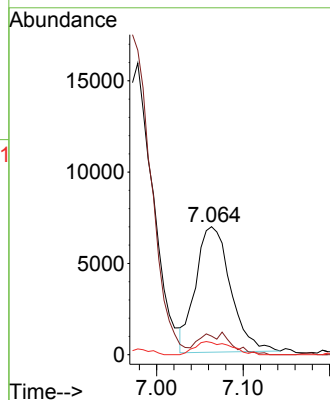
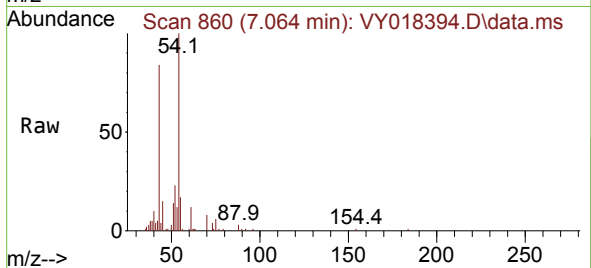
Tgt Ion: 43 Resp: 19209

Ion Ratio Lower Upper

43 100

61 15.9 12.6 19.0

70 10.8 7.8 11.8



#38

Carbon Tetrachloride

Concen: 19.494 ug/l

RT: 7.893 min Scan# 996

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

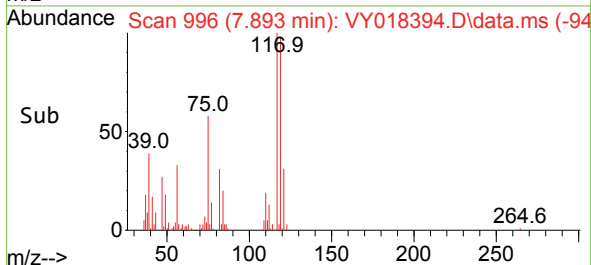
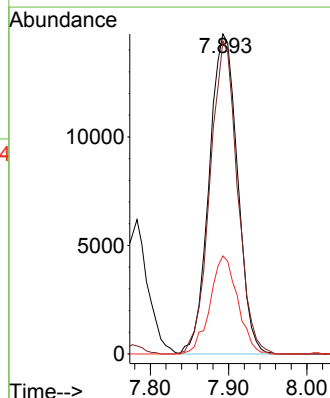
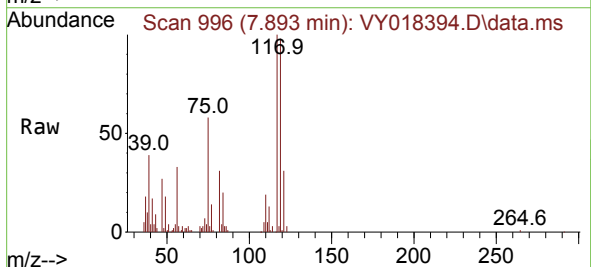
Tgt Ion: 117 Resp: 37006

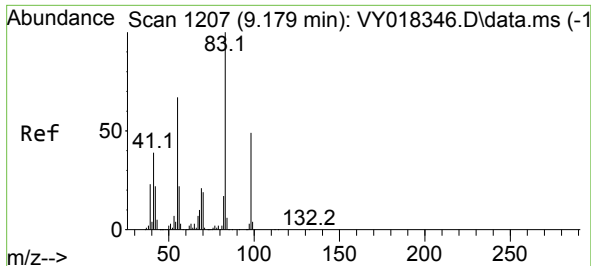
Ion Ratio Lower Upper

117 100

119 97.8 75.8 113.6

121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 19.117 ug/l

RT: 9.179 min Scan# 11

Delta R.T. 0.000 min

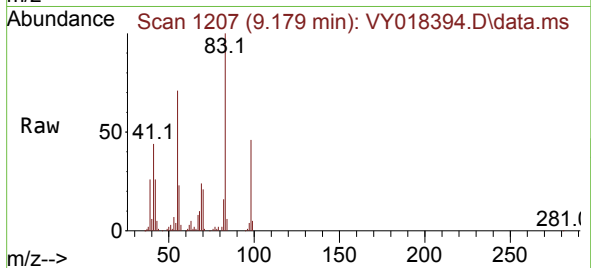
Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :



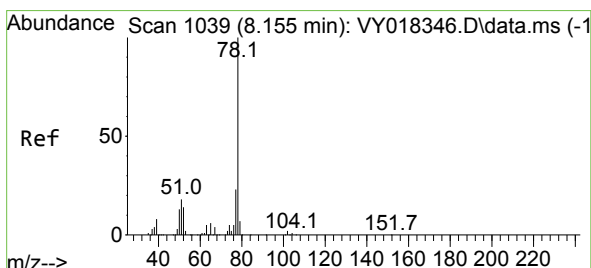
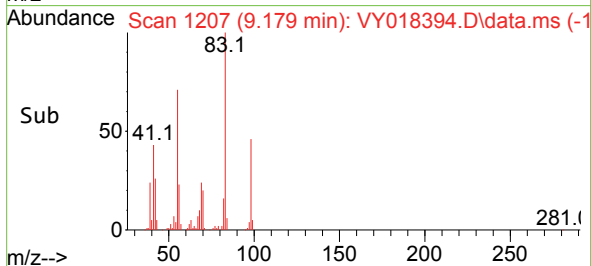
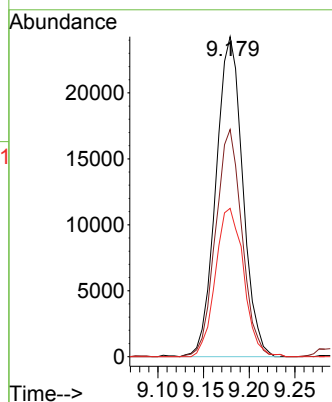
Tgt Ion: 83 Resp: 49428

Ion Ratio Lower Upper

83 100

55 71.0 51.5 77.3

98 46.4 40.5 60.7



#40

Benzene

Concen: 21.074 ug/l

RT: 8.155 min Scan# 1039

Delta R.T. 0.000 min

Lab File: VY018394.D

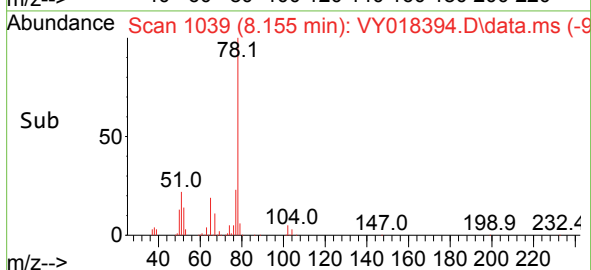
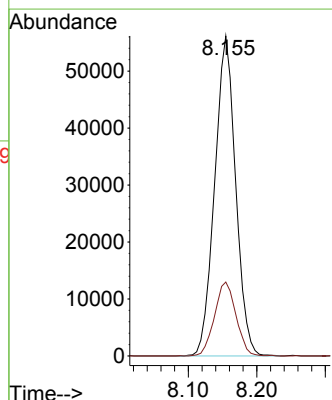
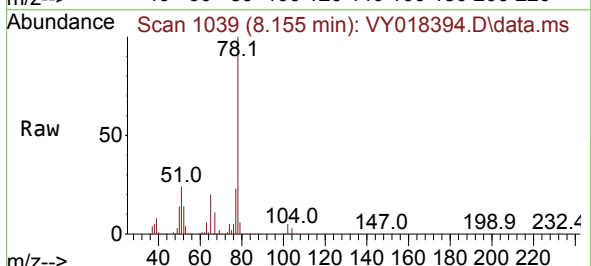
Acq: 29 May 2024 13:04

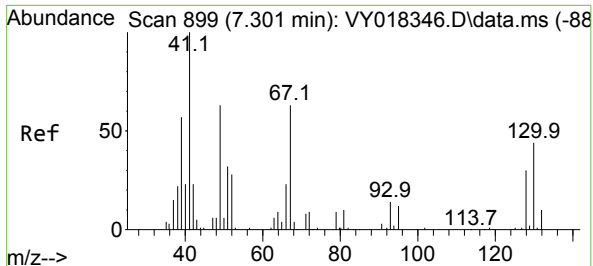
Tgt Ion: 78 Resp: 119068

Ion Ratio Lower Upper

78 100

77 23.1 19.5 29.3

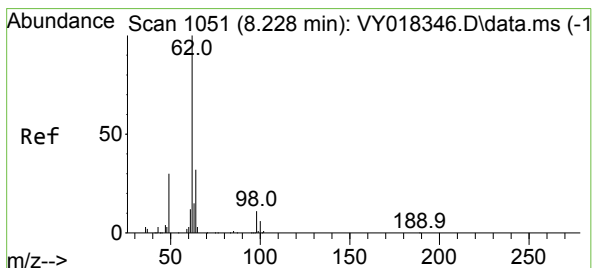
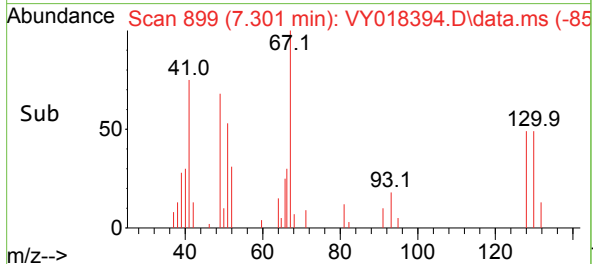
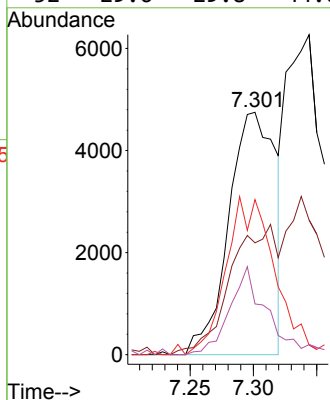
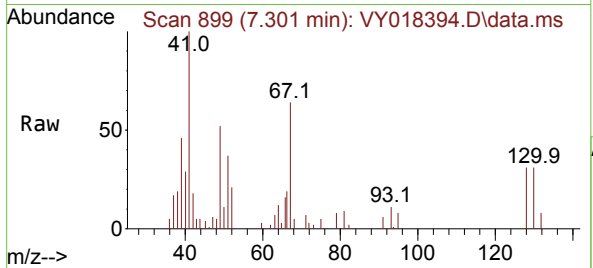




#41
Methacrylonitrile
Concen: 27.600 ug/l
RT: 7.301 min Scan# 899
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

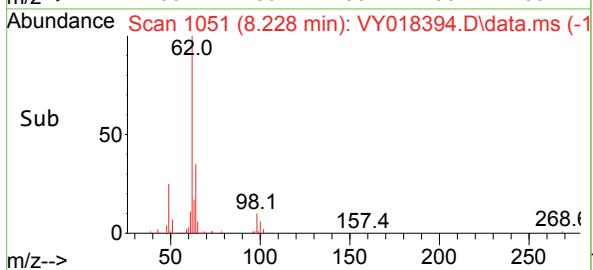
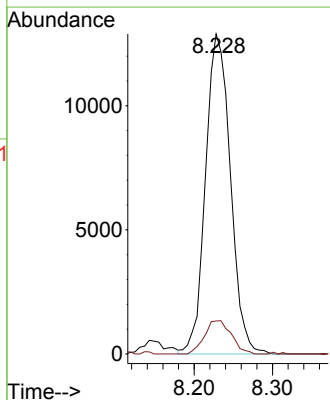
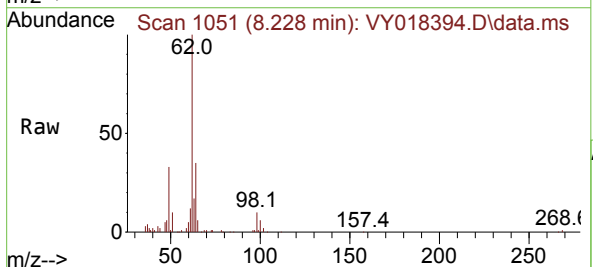
Instrument :
MSVOA_Y
ClientSampleId :

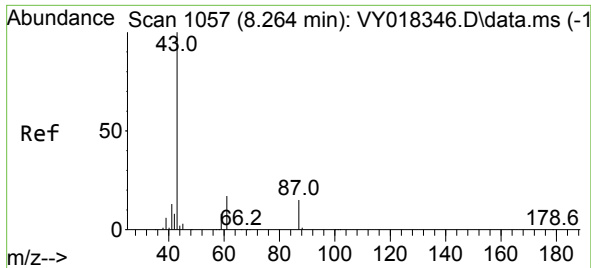
Tgt Ion: 41 Resp: 12215
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 67.7 75.1 112.7#
52 29.6 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 20.954 ug/l
RT: 8.228 min Scan# 1051
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 62 Resp: 28478
Ion Ratio Lower Upper
62 100
98 11.2 0.0 22.0

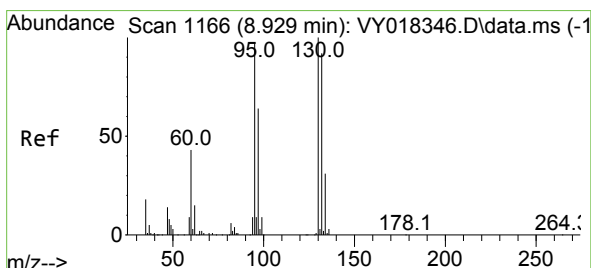
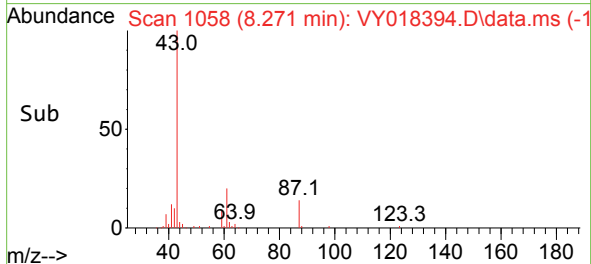
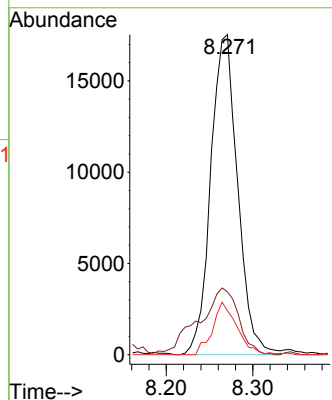
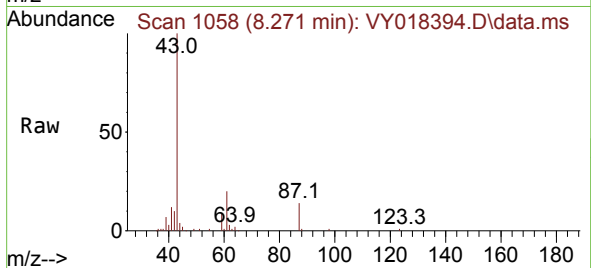




#43
Isopropyl Acetate
Concen: 21.917 ug/l
RT: 8.271 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

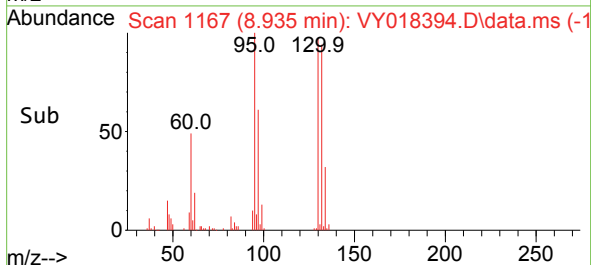
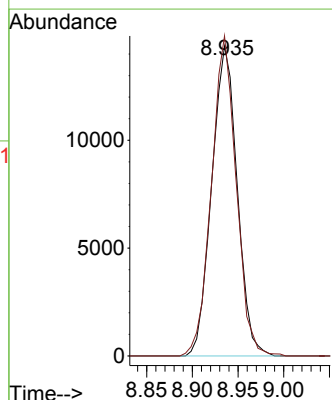
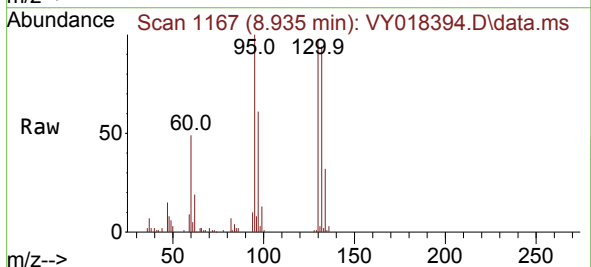
Instrument :
MSVOA_Y
ClientSampleId :

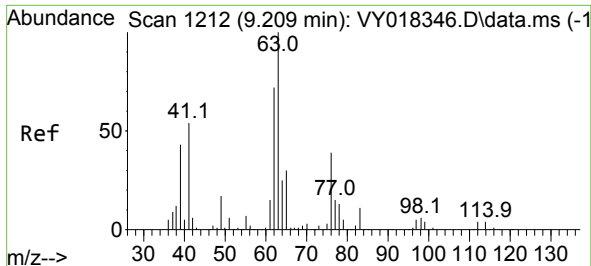
Tgt Ion: 43 Resp: 37914
Ion Ratio Lower Upper
43 100
61 30.7 27.9 41.9
87 15.1 13.1 19.7



#44
Trichloroethene
Concen: 19.220 ug/l
RT: 8.935 min Scan# 1167
Delta R.T. 0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion:130 Resp: 27835
Ion Ratio Lower Upper
130 100
95 103.2 0.0 188.0

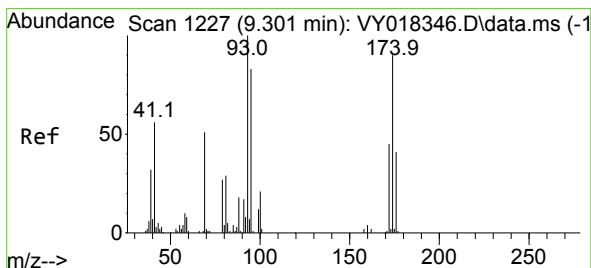
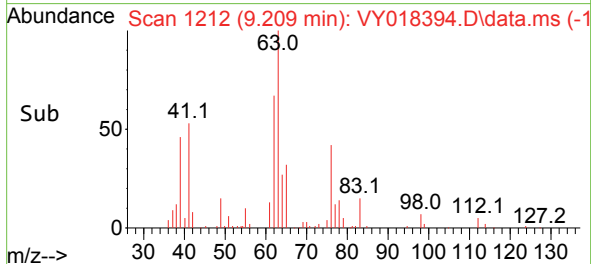
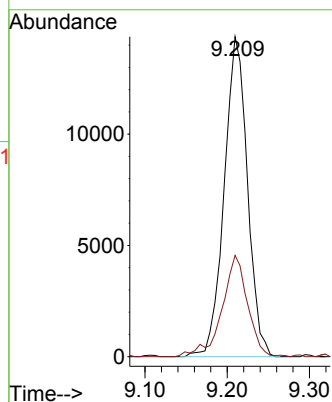
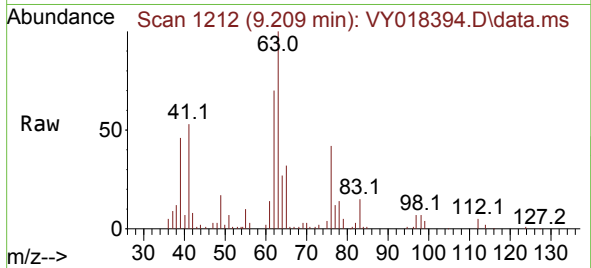




#45
1,2-Dichloropropane
Concen: 22.193 ug/l
RT: 9.209 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

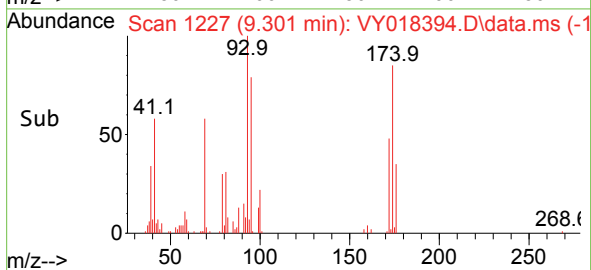
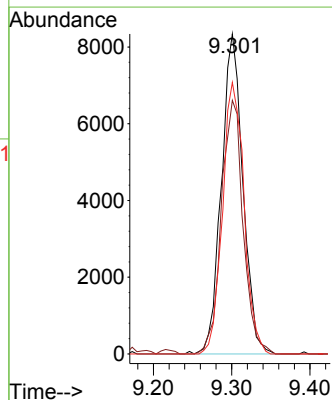
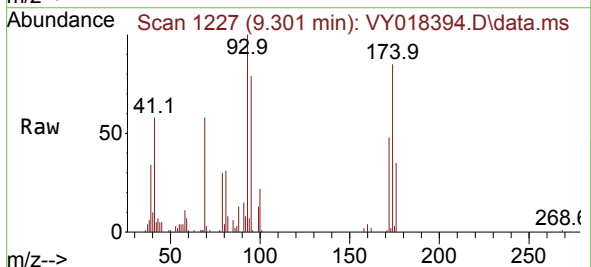
Instrument :
MSVOA_Y
ClientSampleId :

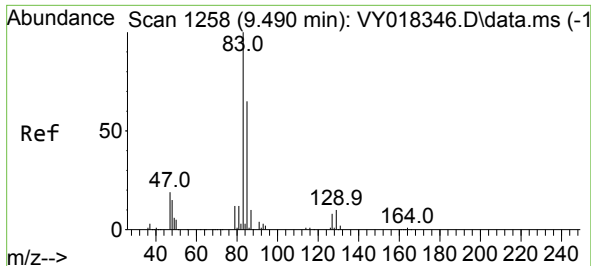
Tgt Ion: 63 Resp: 28202
Ion Ratio Lower Upper
63 100
65 31.2 25.4 38.2



#46
Dibromomethane
Concen: 21.338 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 93 Resp: 15911
Ion Ratio Lower Upper
93 100
95 80.3 66.2 99.4
174 84.9 80.9 121.3

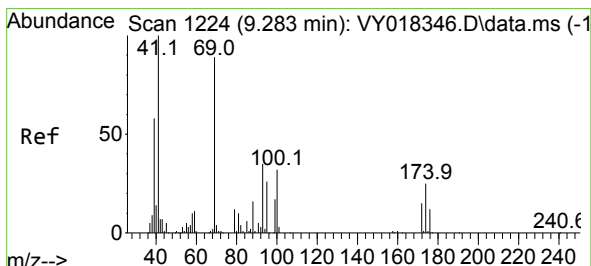
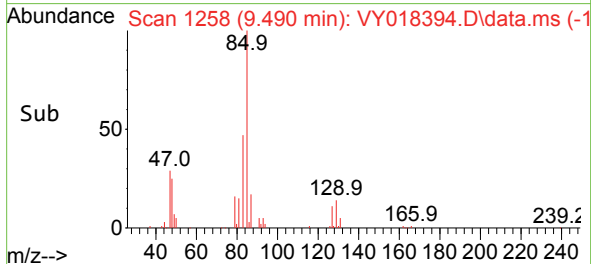
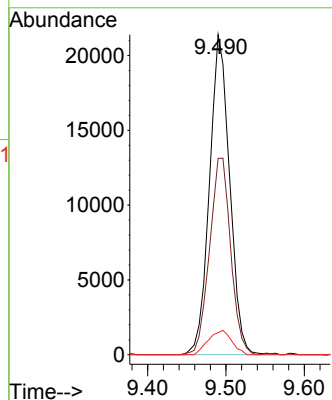
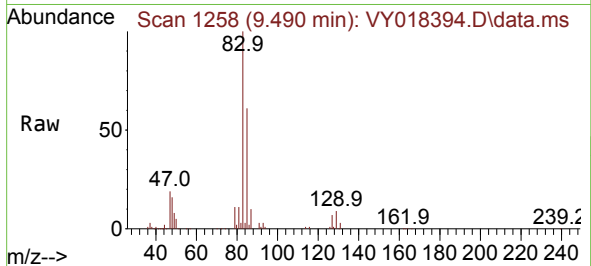




#47
Bromodichloromethane
Concen: 21.131 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

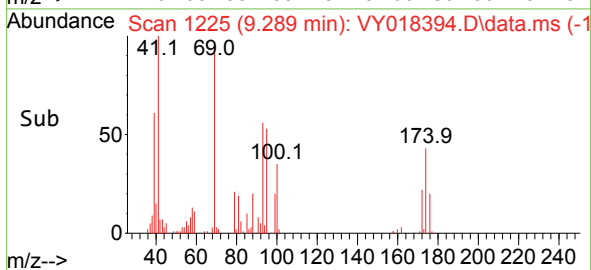
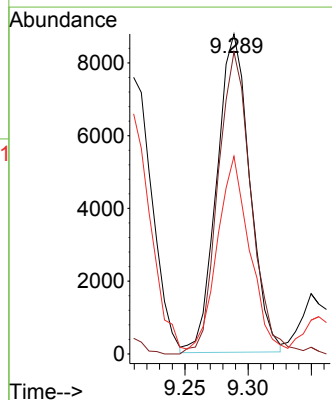
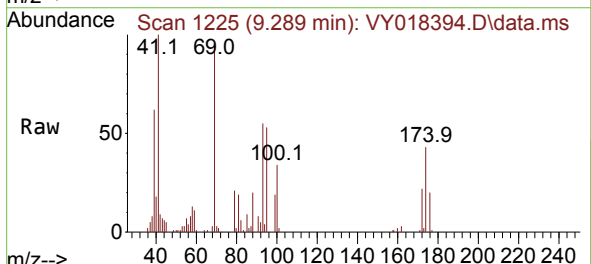
Instrument :
MSVOA_Y
ClientSampleId :

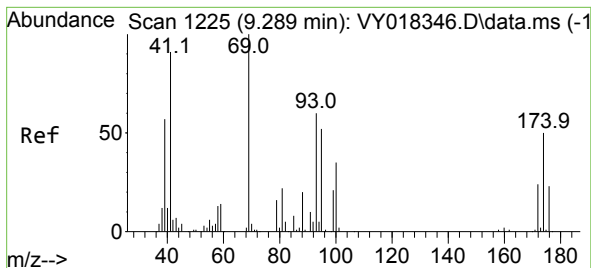
Tgt Ion: 83 Resp: 38239
Ion Ratio Lower Upper
83 100
85 61.4 50.1 75.1
127 6.9 7.4 11.0#



#48
Methyl methacrylate
Concen: 20.347 ug/l
RT: 9.289 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 41 Resp: 15922
Ion Ratio Lower Upper
41 100
69 95.8 84.1 126.1
39 58.5 43.6 65.4





#49

1,4-Dioxane

Concen: 401.774 ug/l

RT: 9.289 min Scan# 11

Delta R.T. 0.000 min

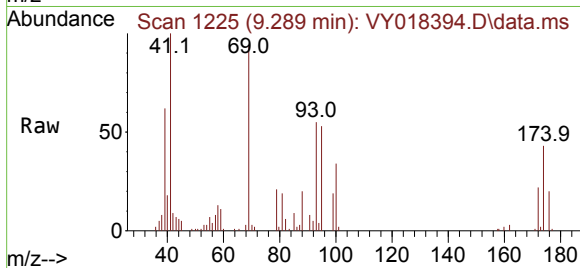
Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :



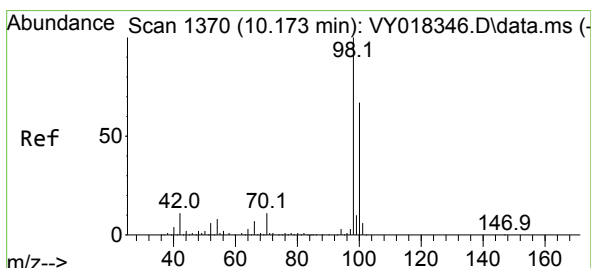
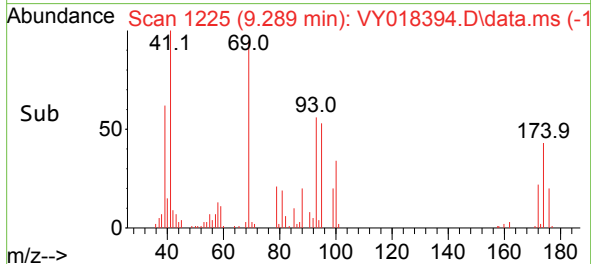
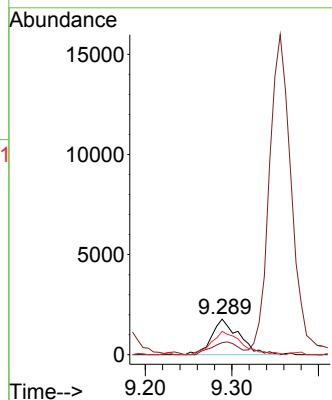
Tgt Ion: 88 Resp: 3887

Ion Ratio Lower Upper

88 100

43 34.4 0.0 0.0#

58 72.0 49.3 73.9



#50

Toluene-d8

Concen: 55.104 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.006 min

Lab File: VY018394.D

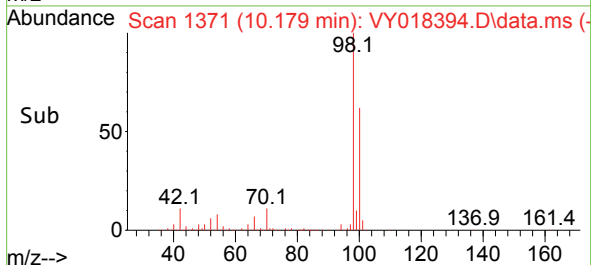
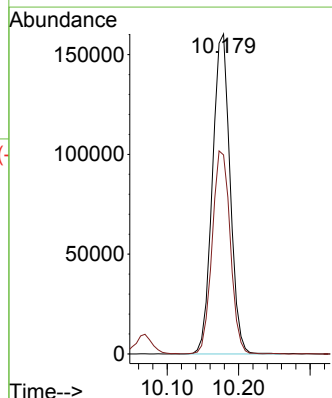
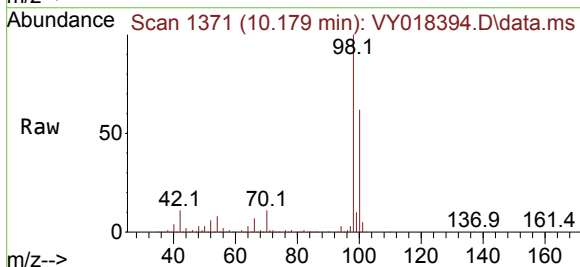
Acq: 29 May 2024 13:04

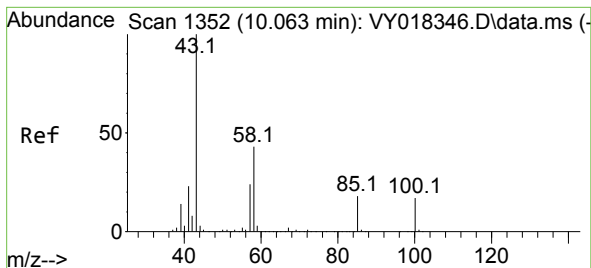
Tgt Ion: 98 Resp: 274568

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

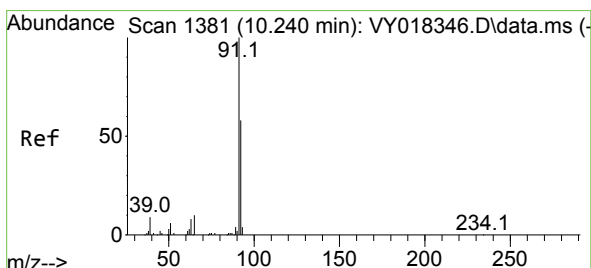
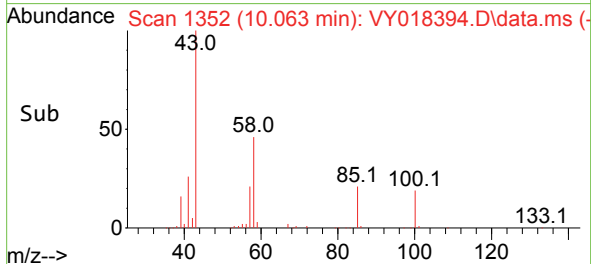
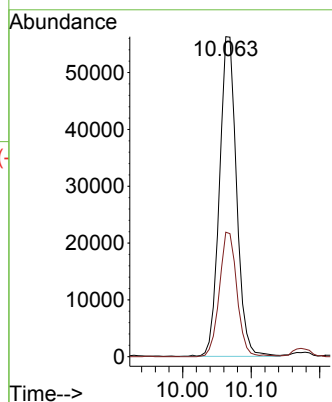
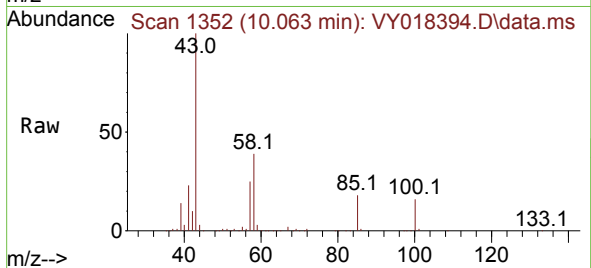




#51
4-Methyl-2-Pentanone
Concen: 111.396 ug/l
RT: 10.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

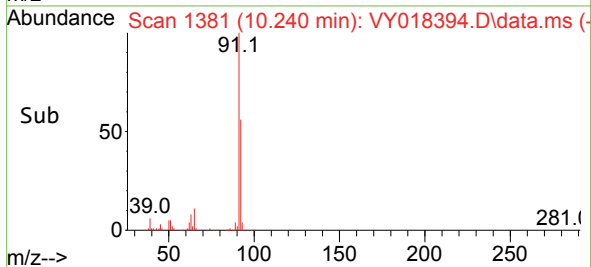
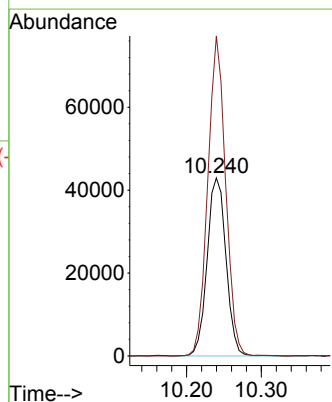
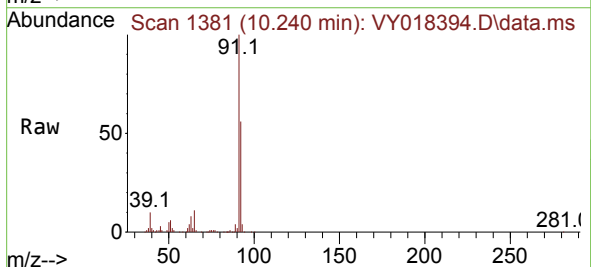
Instrument :
MSVOA_Y
ClientSampleId :

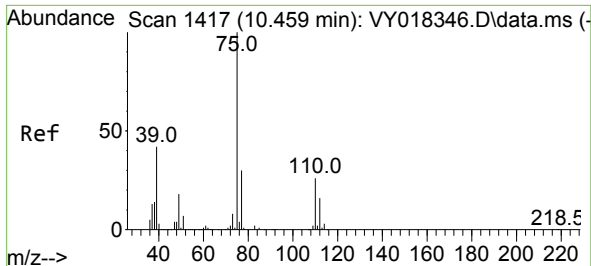
Tgt Ion: 43 Resp: 97256
Ion Ratio Lower Upper
43 100
58 40.2 35.7 53.5



#52
Toluene
Concen: 21.203 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 92 Resp: 75096
Ion Ratio Lower Upper
92 100
91 170.4 139.0 208.6

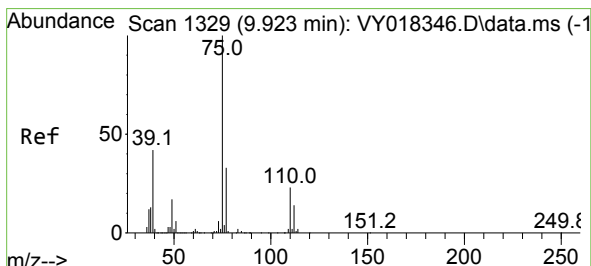
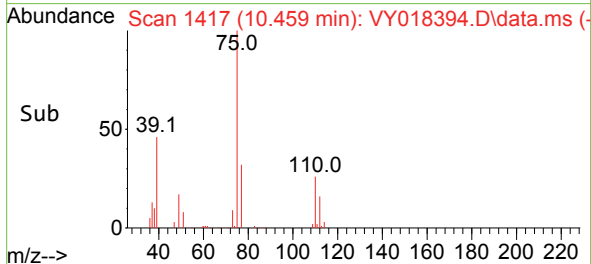
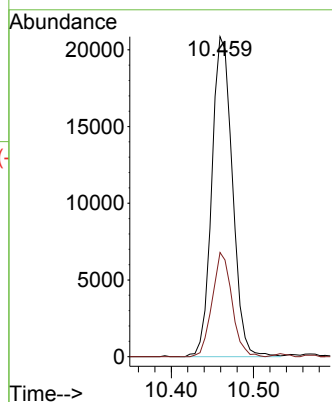
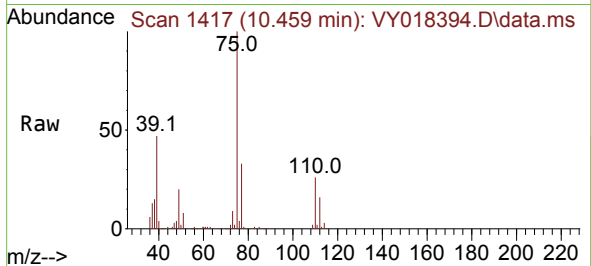




#53
 t-1,3-Dichloropropene
 Concen: 21.961 ug/l
 RT: 10.459 min Scan# 1417
 Delta R.T. 0.000 min
 Lab File: VY018394.D
 Acq: 29 May 2024 13:04

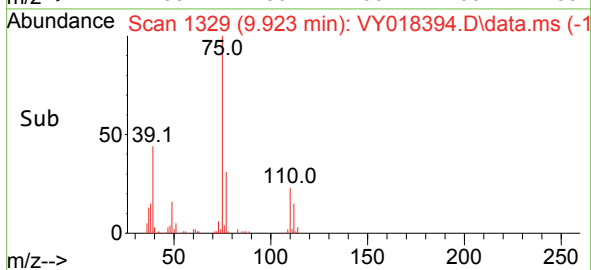
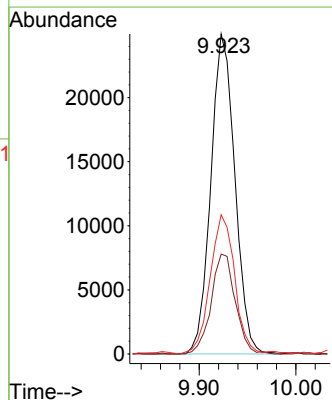
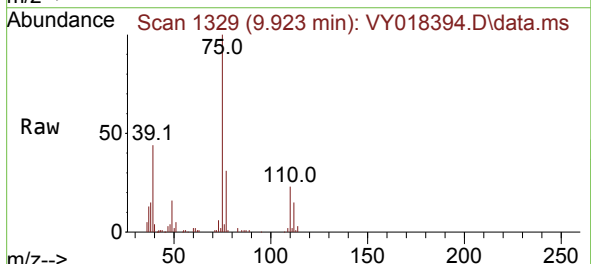
Instrument :
 MSVOA_Y
 ClientSampleId :

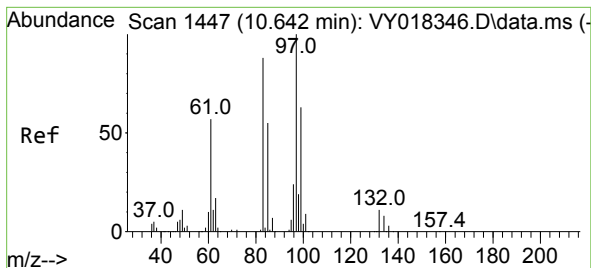
Tgt Ion: 75 Resp: 36334
 Ion Ratio Lower Upper
 75 100
 77 32.6 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 21.264 ug/l
 RT: 9.923 min Scan# 1329
 Delta R.T. 0.000 min
 Lab File: VY018394.D
 Acq: 29 May 2024 13:04

Tgt Ion: 75 Resp: 43108
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.4 38.0
 39 43.5 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 21.276 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 97 Resp: 21018

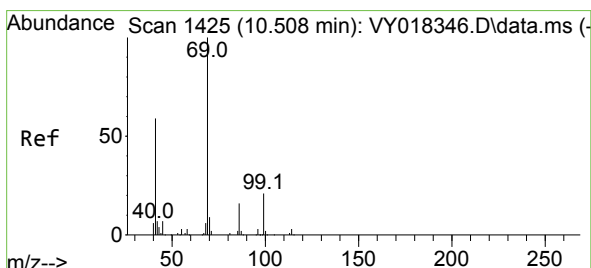
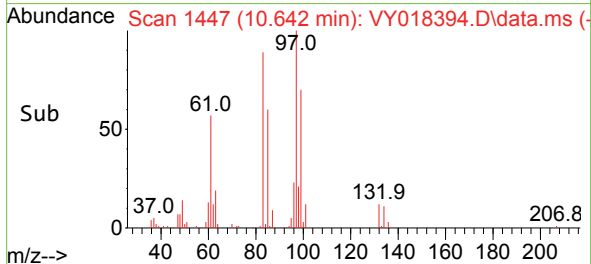
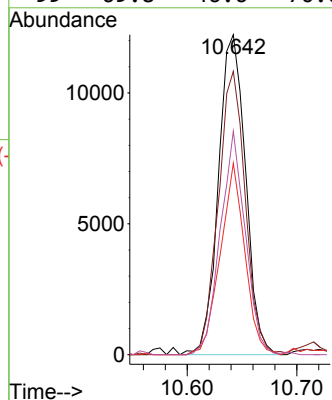
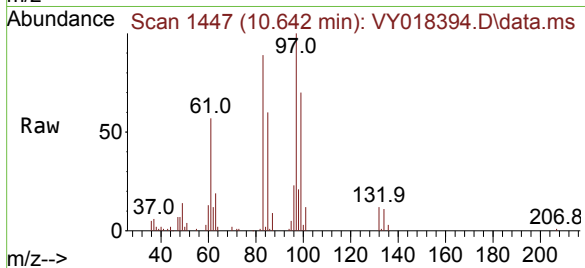
Ion Ratio Lower Upper

97 100

83 88.6 67.5 101.3

85 59.9 42.9 64.3

99 69.8 46.6 70.0



#56

Ethyl methacrylate

Concen: 21.524 ug/l

RT: 10.508 min Scan# 1425

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

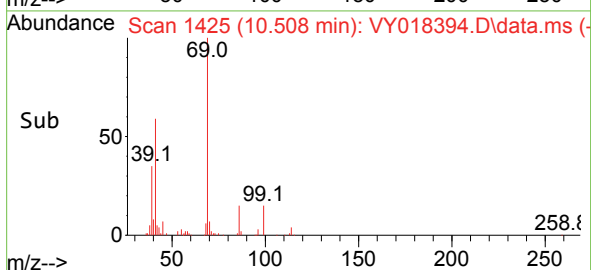
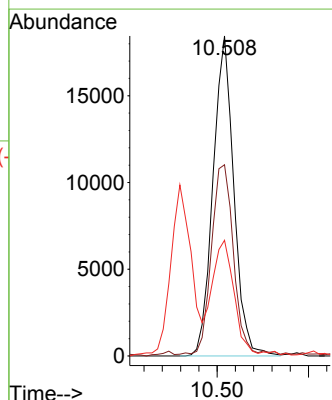
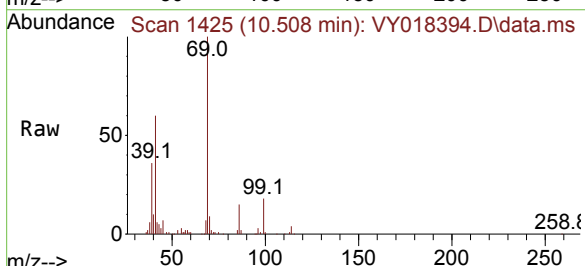
Tgt Ion: 69 Resp: 29165

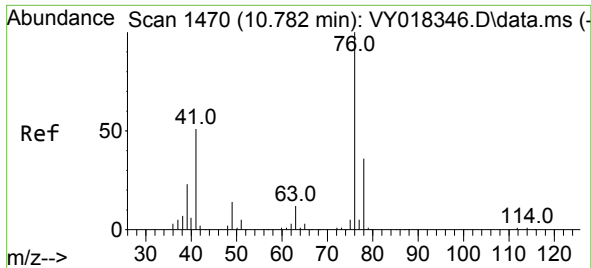
Ion Ratio Lower Upper

69 100

41 61.6 42.3 63.5

39 37.0 22.9 34.3#

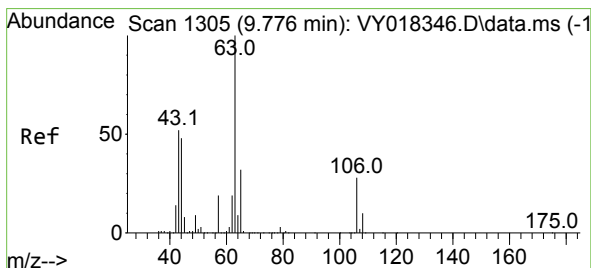
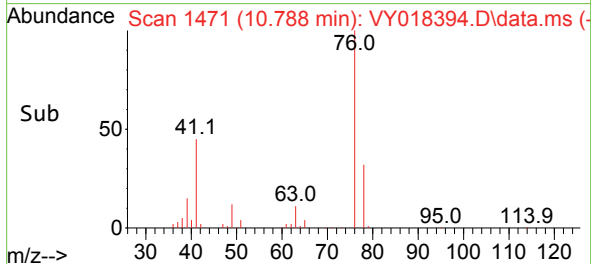
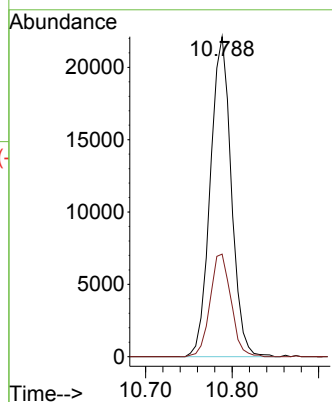
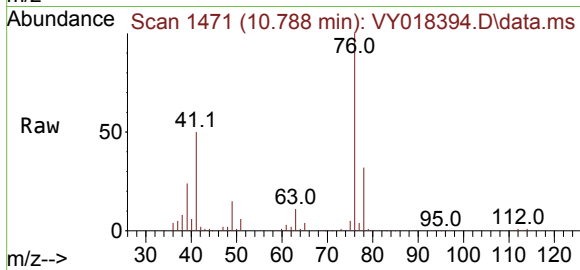




#57
1,3-Dichloropropane
Concen: 22.213 ug/l
RT: 10.788 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

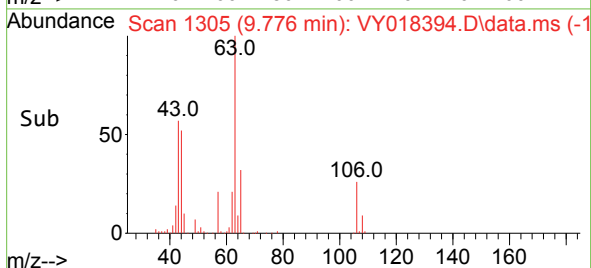
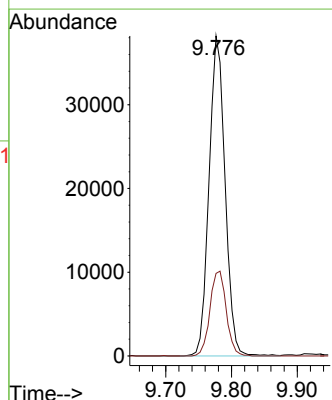
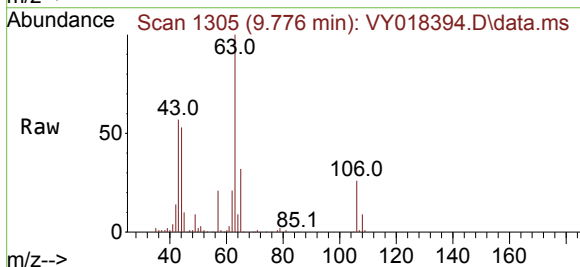
Instrument :
MSVOA_Y
ClientSampleId :

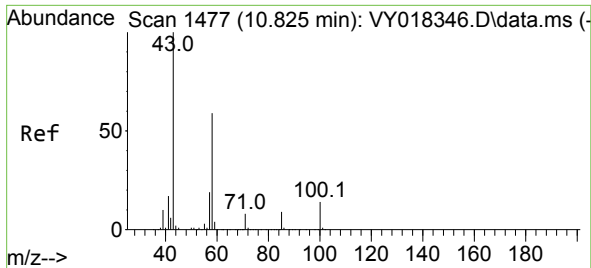
Tgt Ion: 76 Resp: 37192
Ion Ratio Lower Upper
76 100
78 32.0 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 105.927 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

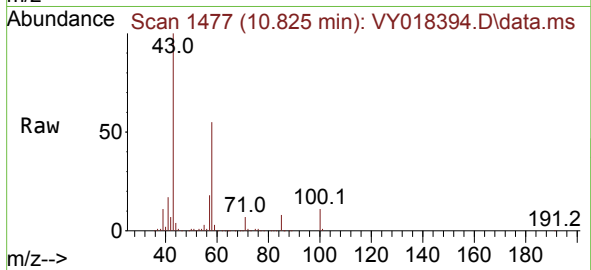
Tgt Ion: 63 Resp: 64856
Ion Ratio Lower Upper
63 100
106 26.9 23.7 35.5



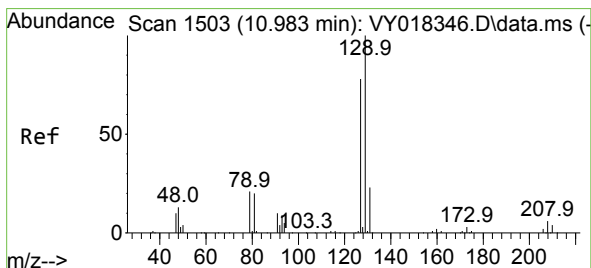
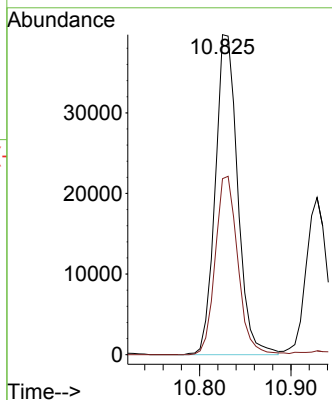
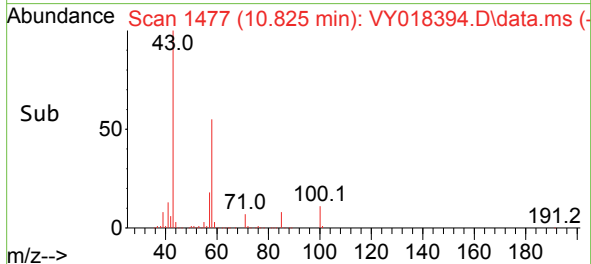


#59
2-Hexanone
Concen: 112.702 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Instrument :
MSVOA_Y
ClientSampleId :

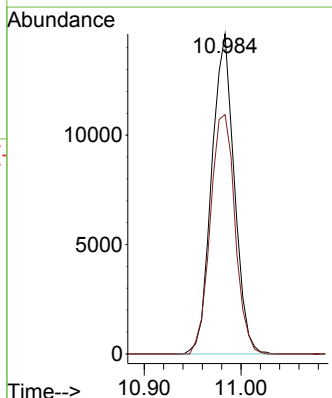
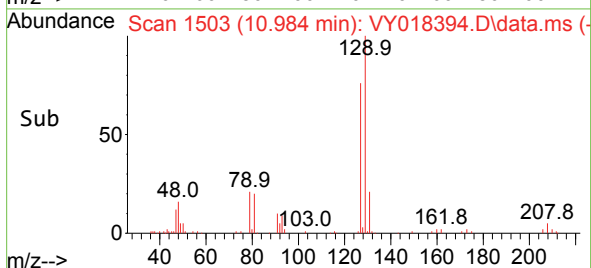
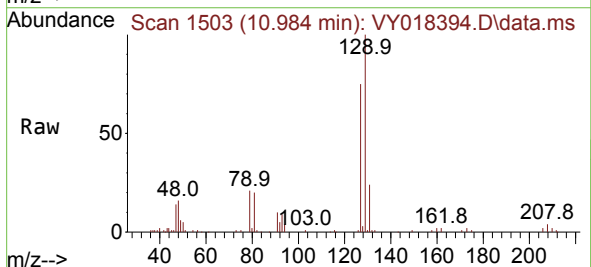


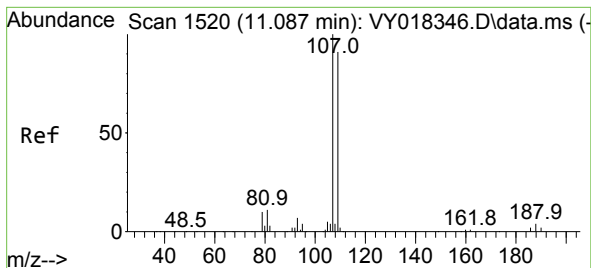
Tgt Ion: 43 Resp: 67706
Ion Ratio Lower Upper
43 100
58 56.1 31.4 94.0



#60
Dibromochloromethane
Concen: 19.882 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 129 Resp: 23724
Ion Ratio Lower Upper
129 100
127 81.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 21.113 ug/l

RT: 11.081 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

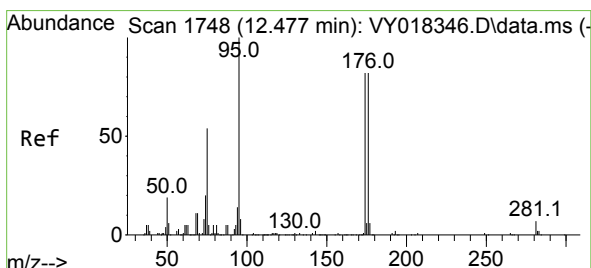
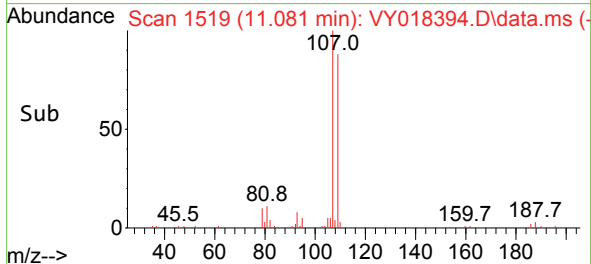
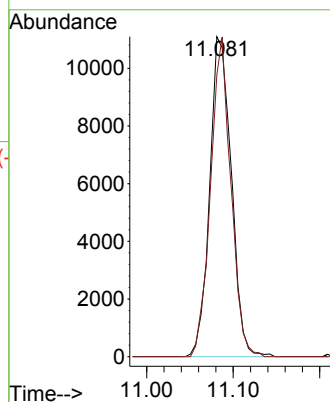
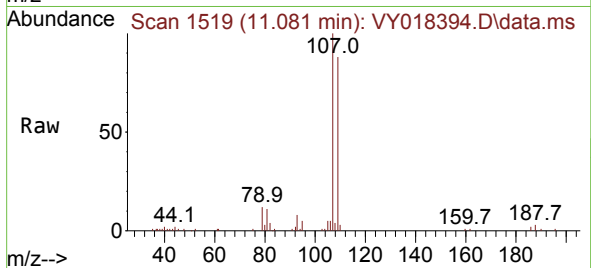
ClientSampleId :

Tgt Ion:107 Resp: 19245

Ion Ratio Lower Upper

107 100

109 93.5 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 57.025 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

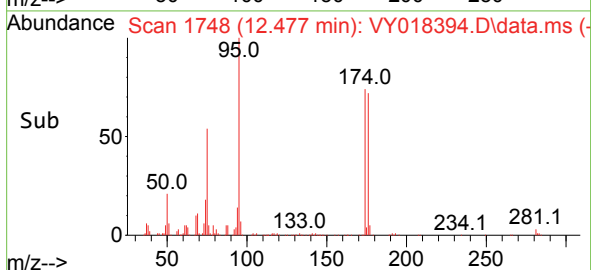
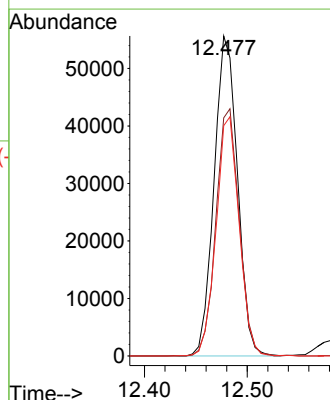
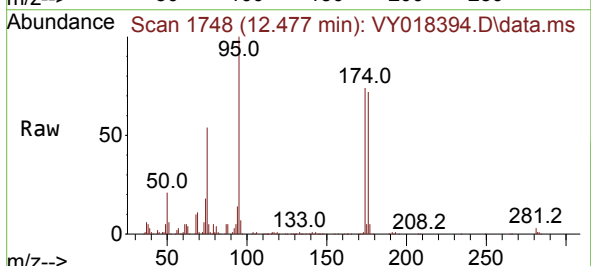
Tgt Ion: 95 Resp: 87798

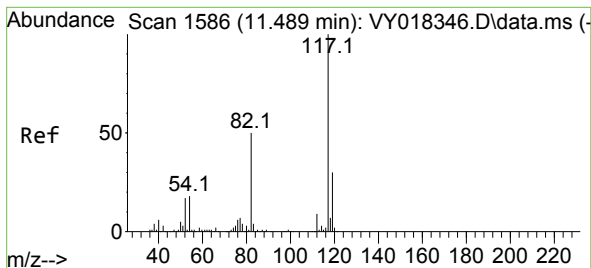
Ion Ratio Lower Upper

95 100

174 76.9 0.0 175.6

176 73.9 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: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

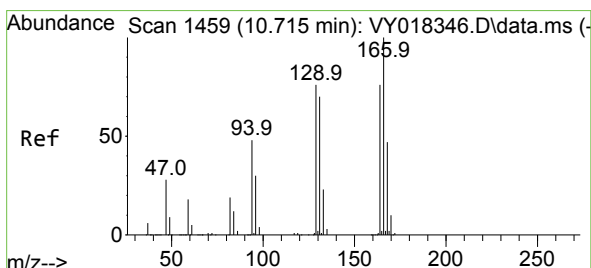
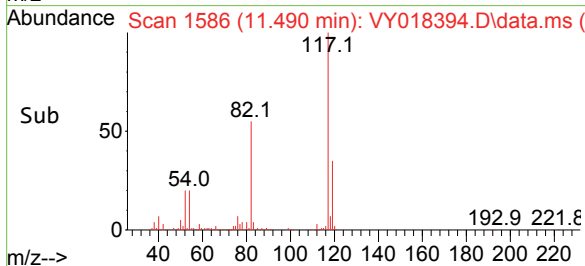
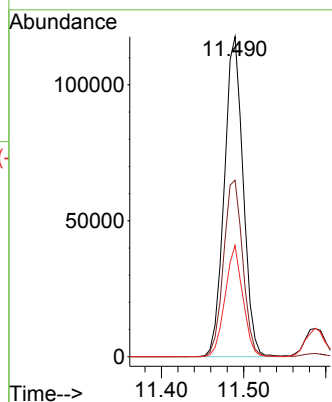
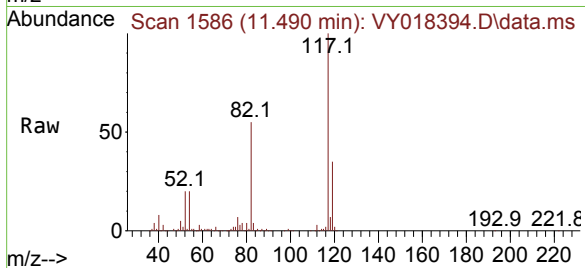
Tgt Ion:117 Resp: 187204

Ion Ratio Lower Upper

117 100

82 55.1 42.4 63.6

119 34.7 25.9 38.9



#64

Tetrachloroethene

Concen: 19.033 ug/l

RT: 10.715 min Scan# 1459

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Tgt Ion:164 Resp: 25276

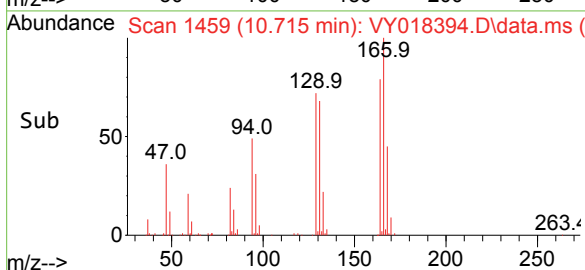
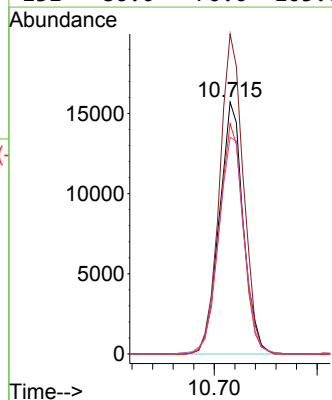
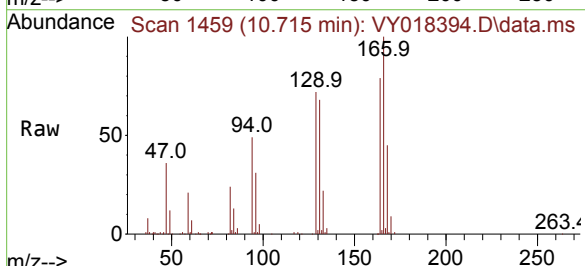
Ion Ratio Lower Upper

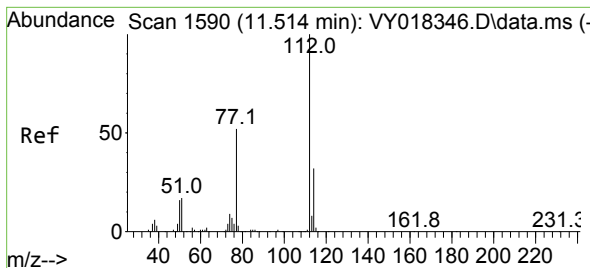
164 100

166 127.0 102.6 154.0

129 91.4 72.0 108.0

131 86.0 70.0 105.0





#65

Chlorobenzene

Concen: 20.296 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

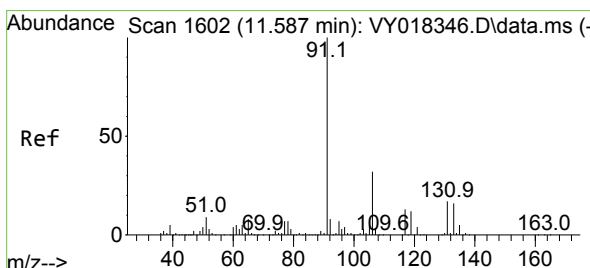
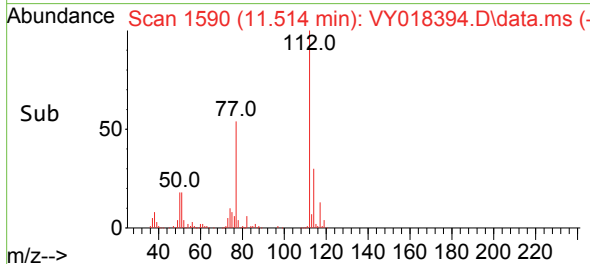
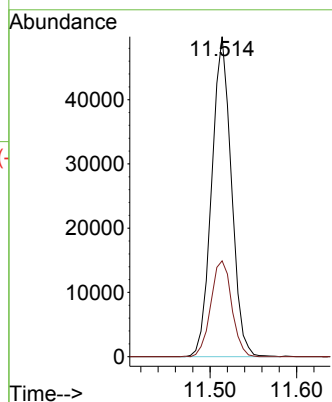
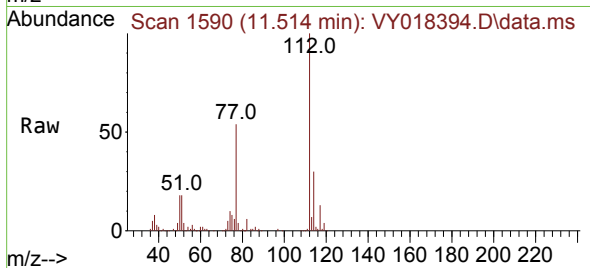
ClientSampleId :

Tgt Ion:112 Resp: 78487

Ion Ratio Lower Upper

112 100

114 30.0 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 20.210 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

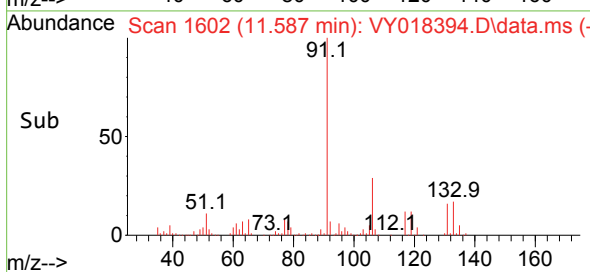
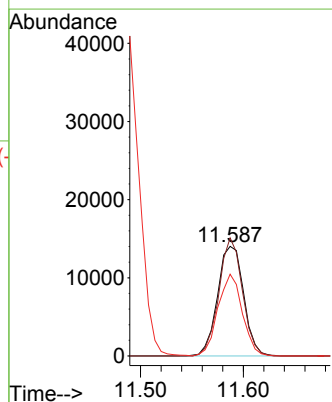
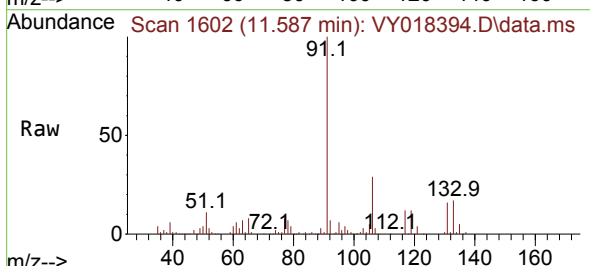
Tgt Ion:131 Resp: 24724

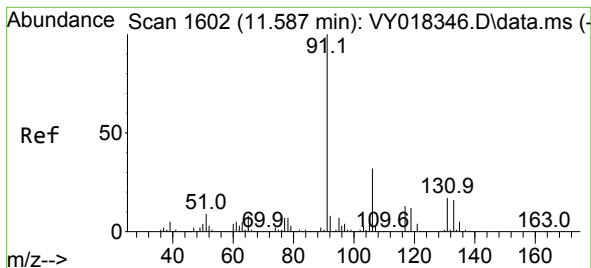
Ion Ratio Lower Upper

131 100

133 97.4 47.8 143.3

119 69.4 34.1 102.2





#67

Ethyl Benzene

Concen: 20.955 ug/l

RT: 11.587 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

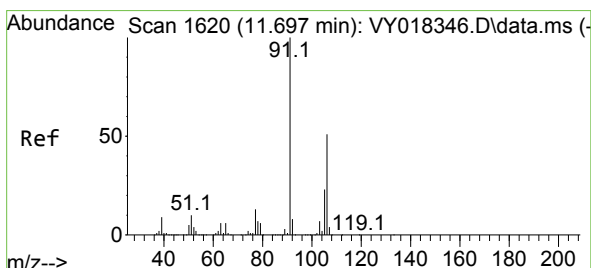
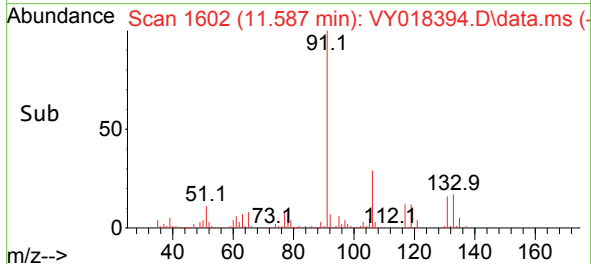
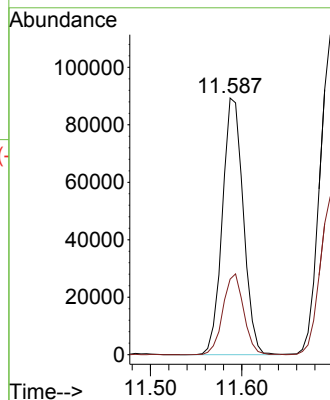
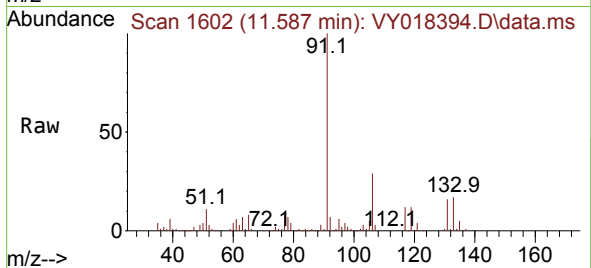
ClientSampleId :

Tgt Ion: 91 Resp: 142312

Ion Ratio Lower Upper

91 100

106 29.4 24.5 36.7



#68

m/p-Xylenes

Concen: 40.441 ug/l

RT: 11.703 min Scan# 1621

Delta R.T. 0.006 min

Lab File: VY018394.D

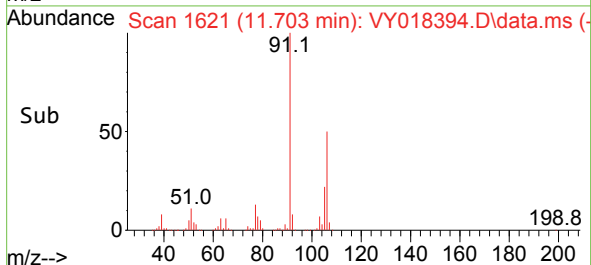
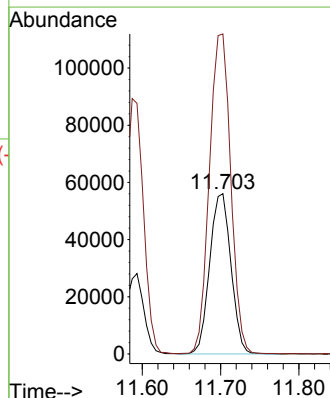
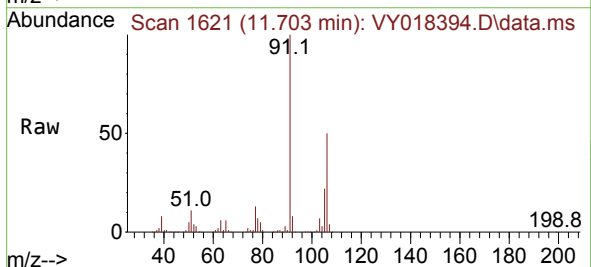
Acq: 29 May 2024 13:04

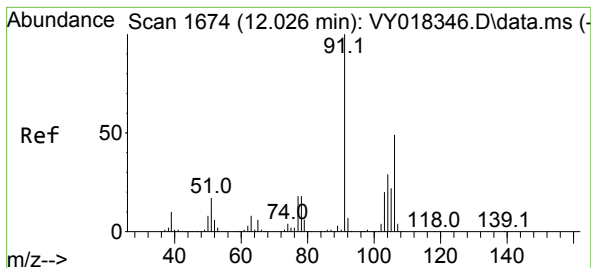
Tgt Ion:106 Resp: 105675

Ion Ratio Lower Upper

106 100

91 200.4 156.0 234.0





#69

o-Xylene

Concen: 20.256 ug/l

RT: 12.026 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

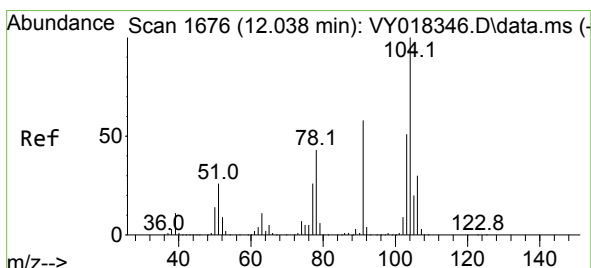
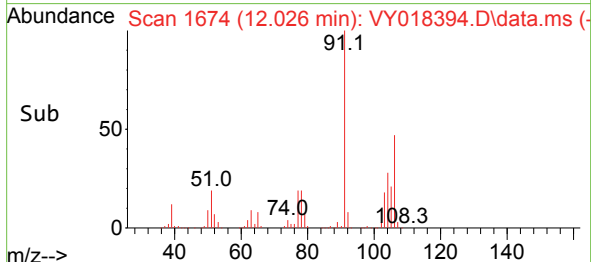
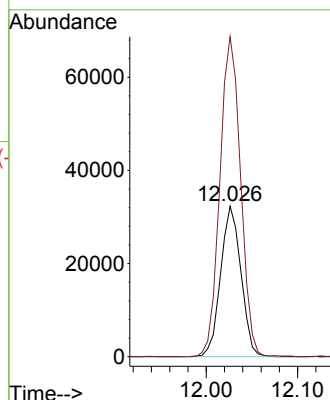
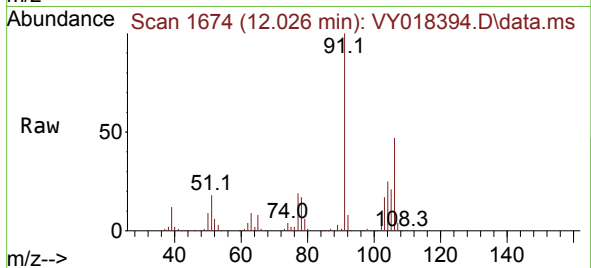
ClientSampleId :

Tgt Ion:106 Resp: 49950

Ion Ratio Lower Upper

106 100

91 217.3 103.6 310.8



#70

Styrene

Concen: 21.208 ug/l

RT: 12.044 min Scan# 1677

Delta R.T. 0.006 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

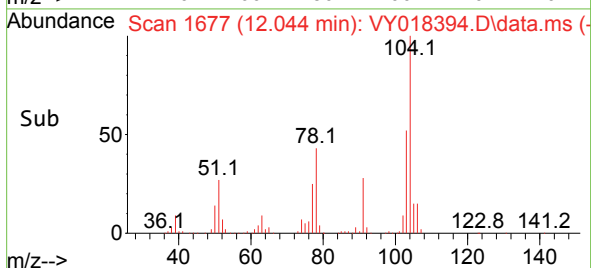
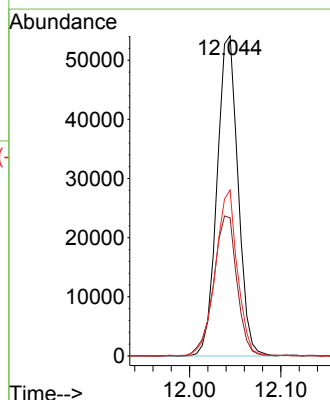
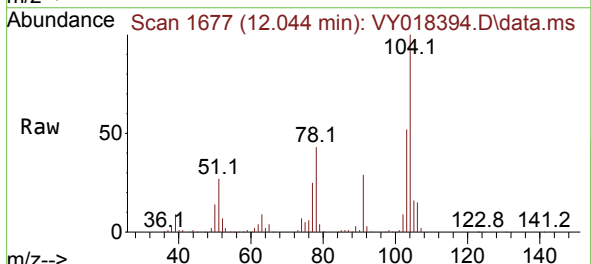
Tgt Ion:104 Resp: 86450

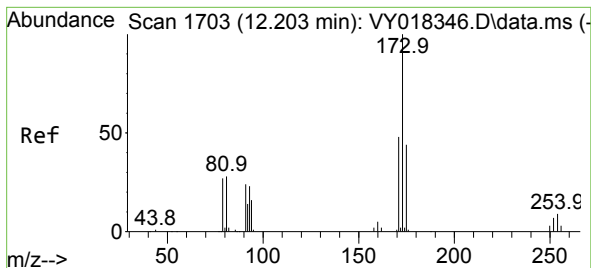
Ion Ratio Lower Upper

104 100

78 48.8 37.0 55.4

103 54.7 44.2 66.2





#71

Bromoform

Concen: 18.554 ug/l

RT: 12.209 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018394.D

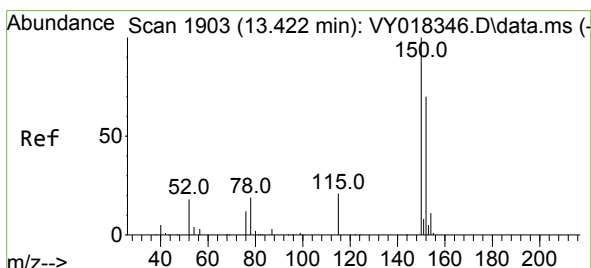
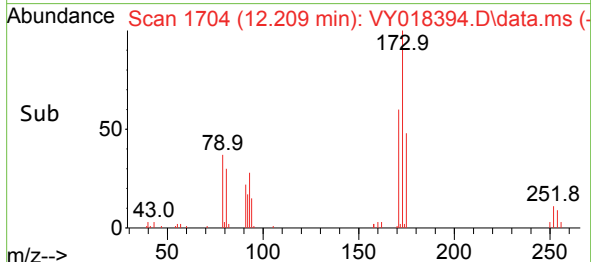
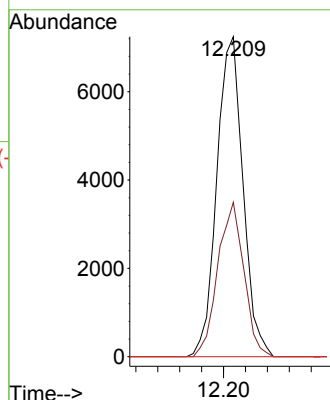
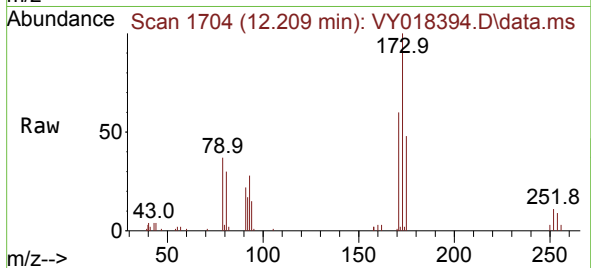
Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:173	Resp:	12006
Ion Ratio	Lower	Upper
173	100	
175	48.2	25.1 75.3
254	0.0	0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

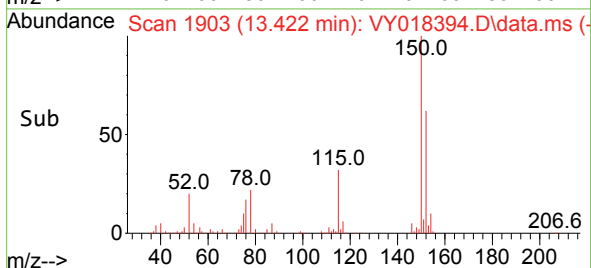
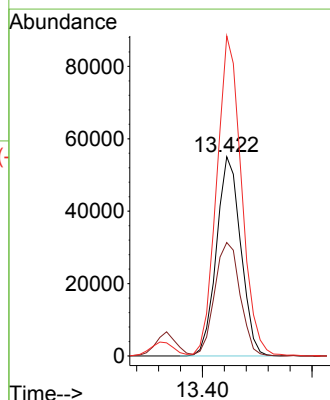
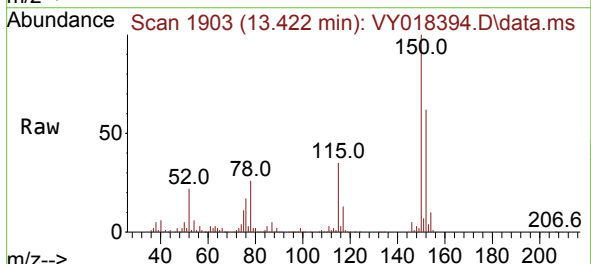
RT: 13.422 min Scan# 1903

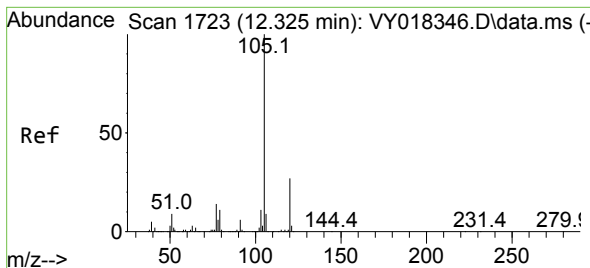
Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Tgt Ion:152	Resp:	84642
Ion Ratio	Lower	Upper
152	100	
115	59.7	28.2 84.7
150	164.6	0.0 345.6





#73

Isopropylbenzene

Concen: 20.257 ug/l

RT: 12.325 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

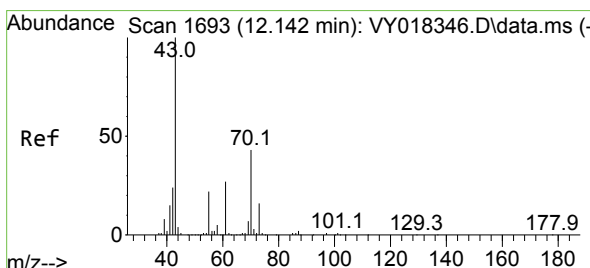
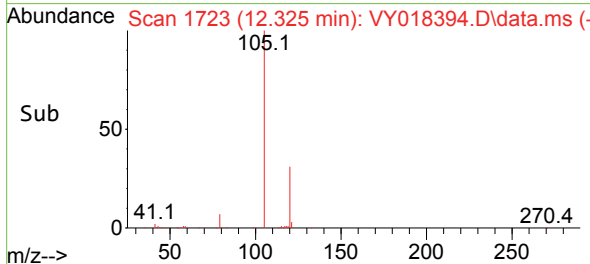
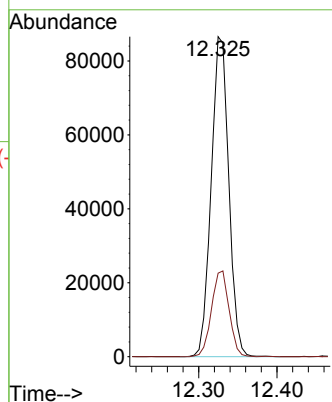
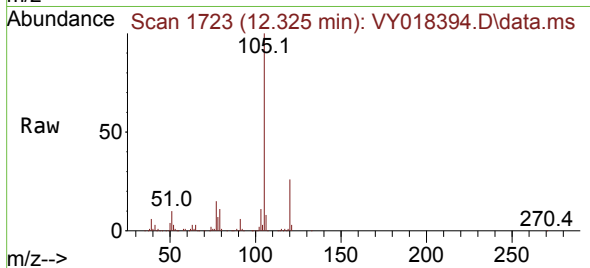
ClientSampleId :

Tgt Ion:105 Resp: 134766

Ion Ratio Lower Upper

105 100

120 26.8 13.4 40.1



#74

N-ethyl acetate

Concen: 22.043 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Tgt Ion: 43 Resp: 34214

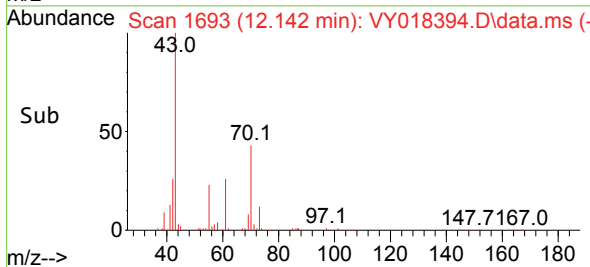
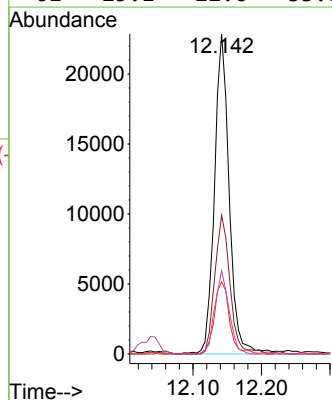
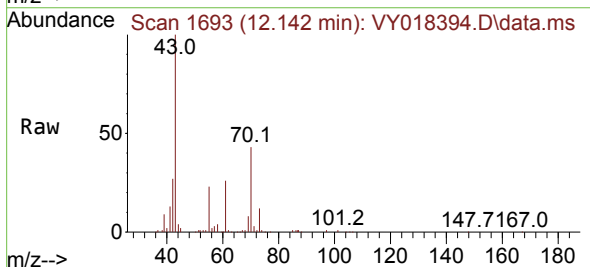
Ion Ratio Lower Upper

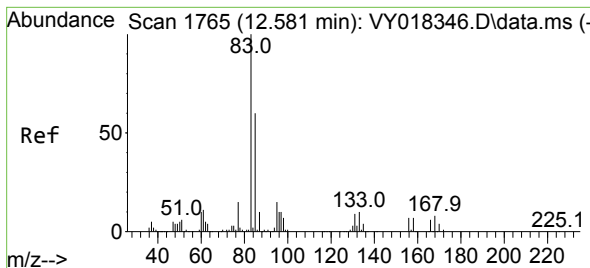
43 100

70 44.5 41.4 62.2

55 23.1 23.3 34.9#

61 25.1 22.6 33.8





#75

1,1,2-Tetrachloroethane

Concen: 21.371 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

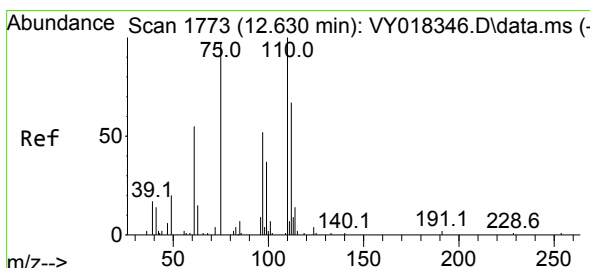
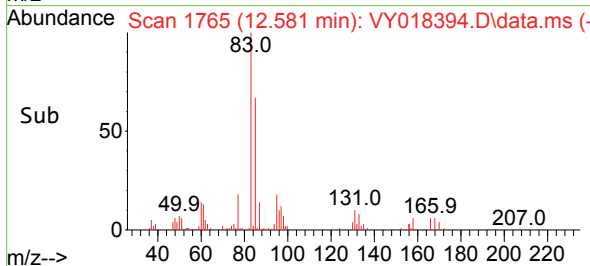
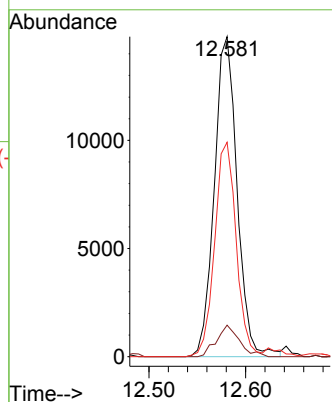
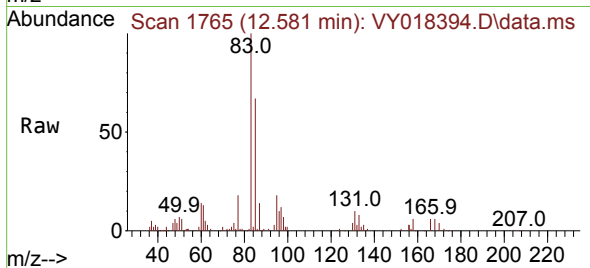
Tgt Ion: 83 Resp: 24226

Ion Ratio Lower Upper

83 100

131 9.9 5.0 14.9

85 63.4 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 40.538 ug/l

RT: 12.630 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VY018394.D

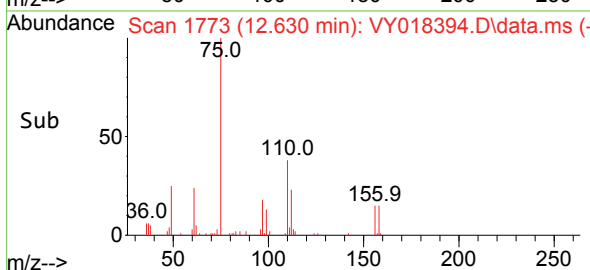
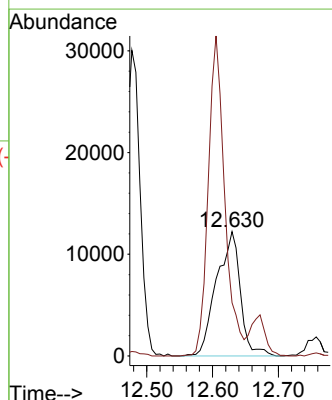
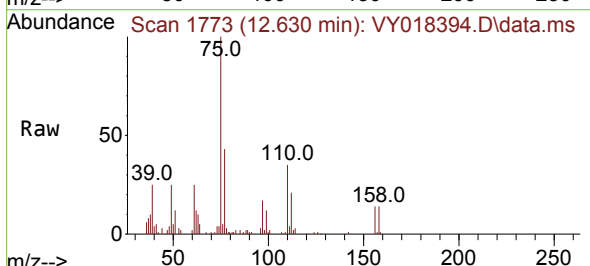
Acq: 29 May 2024 13:04

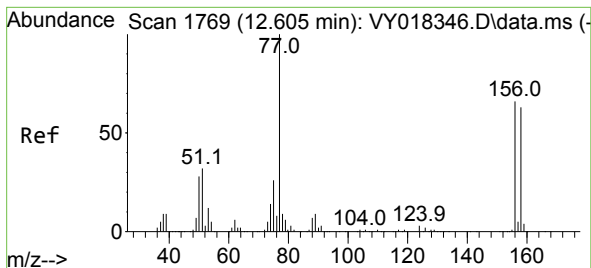
Tgt Ion: 75 Resp: 30839

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 19.247 ug/l

RT: 12.605 min Scan# 1769

Delta R.T. 0.000 min

Lab File: VY018394.D

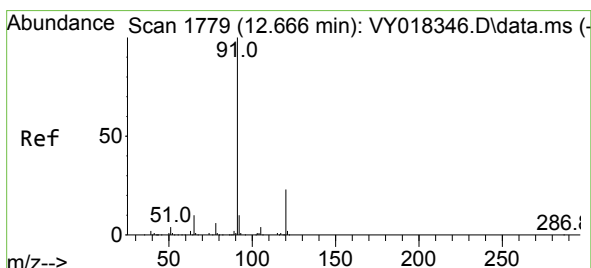
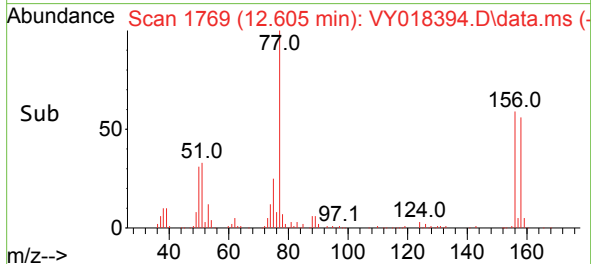
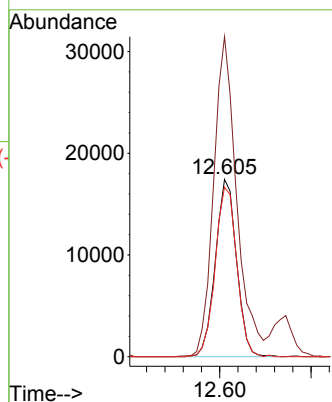
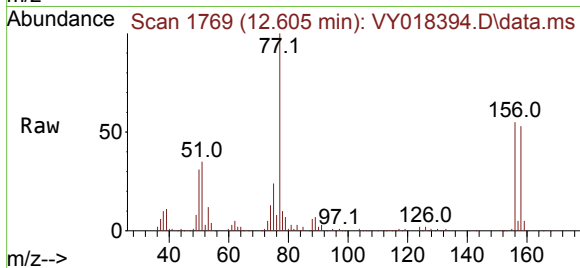
Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	156	Resp:	28045
Ion Ratio	Lower	Upper	
156	100		
77	196.5	87.1	261.3
158	97.6	48.6	145.9



#78

n-propylbenzene

Concen: 21.074 ug/l

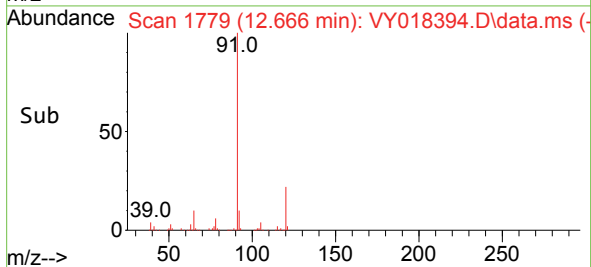
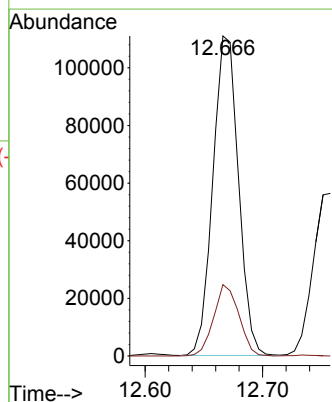
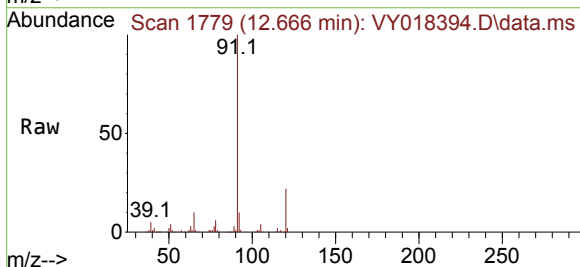
RT: 12.666 min Scan# 1779

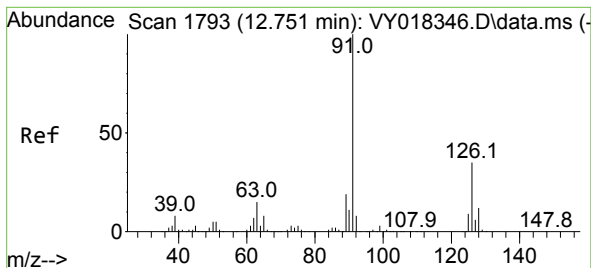
Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Tgt Ion:	91	Resp:	167865
Ion Ratio	Lower	Upper	
91	100		
120	22.0	11.5	34.4





#79

2-Chlorotoluene

Concen: 20.559 ug/l

RT: 12.758 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

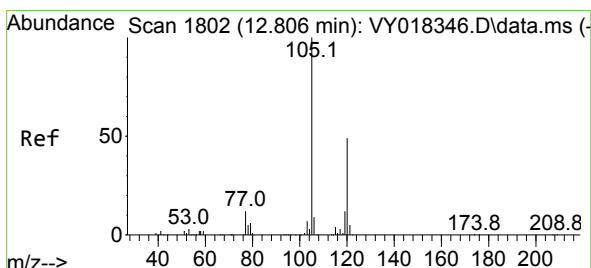
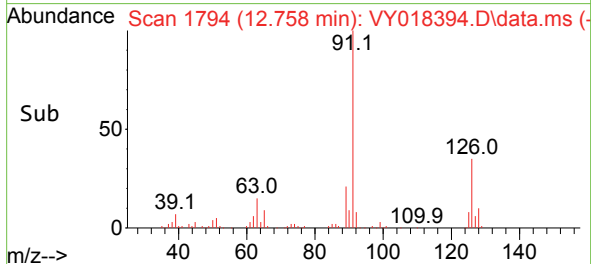
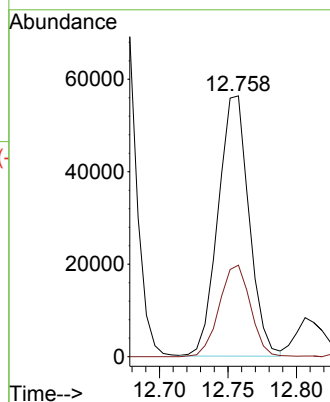
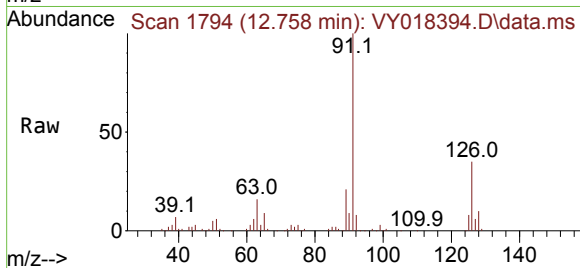
ClientSampleId :

Tgt Ion: 91 Resp: 88664

Ion Ratio Lower Upper

91 100

126 35.5 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 20.647 ug/l

RT: 12.812 min Scan# 1803

Delta R.T. 0.006 min

Lab File: VY018394.D

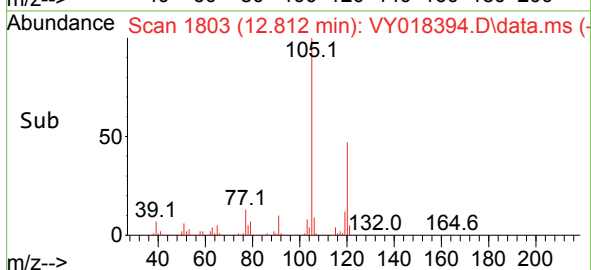
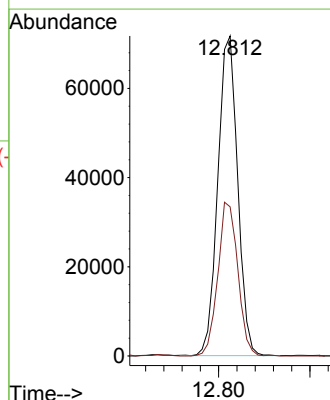
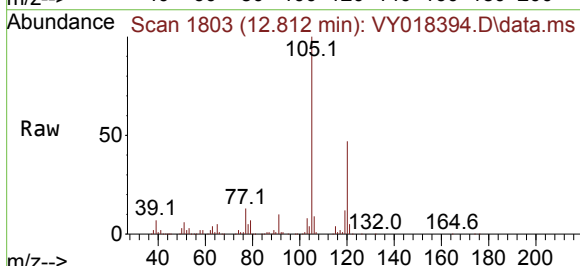
Acq: 29 May 2024 13:04

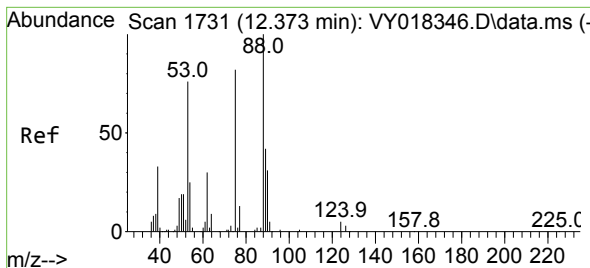
Tgt Ion:105 Resp: 107940

Ion Ratio Lower Upper

105 100

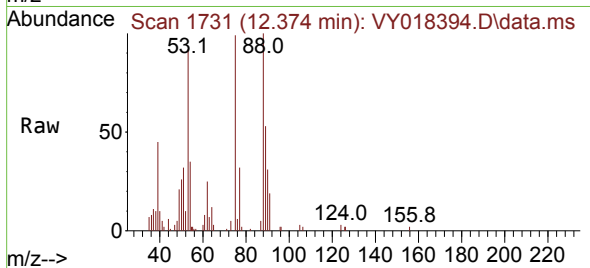
120 48.5 25.1 75.2



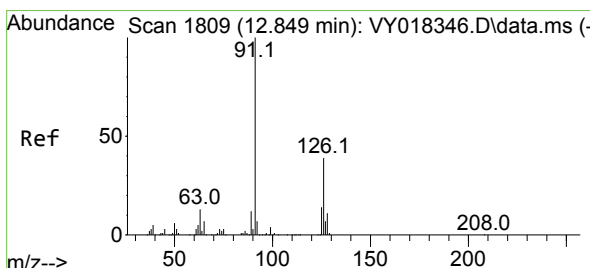
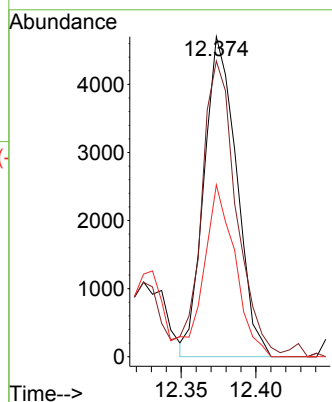
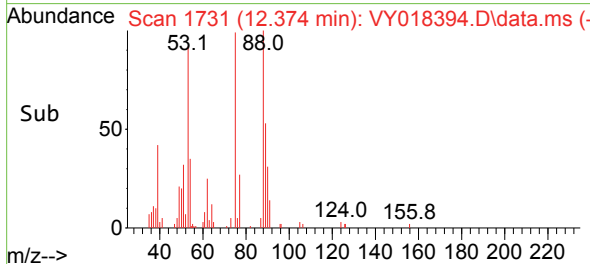


#81
trans-1,4-Dichloro-2-butene
Concen: 19.211 ug/l
RT: 12.374 min Scan# 1731
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Instrument :
MSVOA_Y
ClientSampleId :

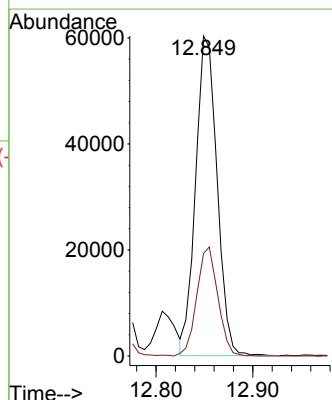
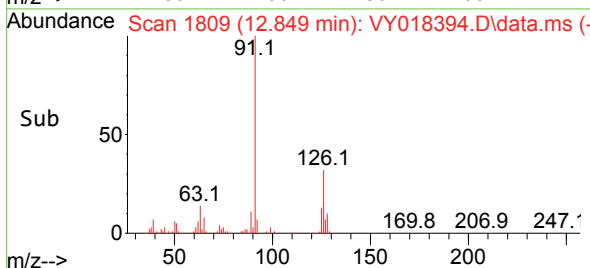
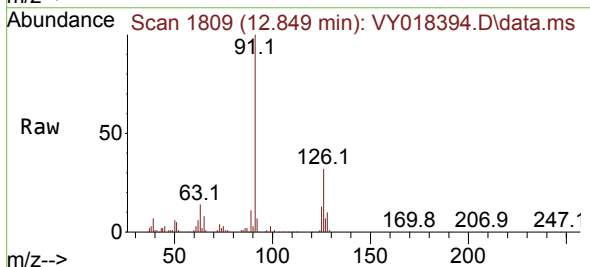


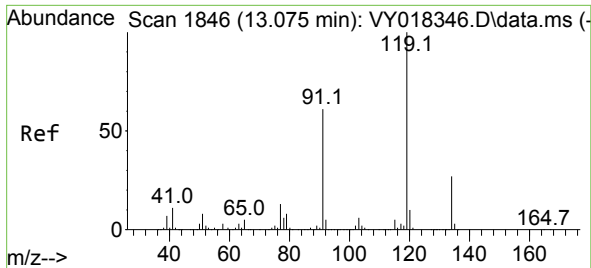
Tgt Ion:	75	Resp:	7103
Ion	Ratio	Lower	Upper
75	100		
53	98.6	66.8	100.2
89	49.2	35.8	53.6



#82
4-Chlorotoluene
Concen: 21.291 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion:	91	Resp:	93096
Ion	Ratio	Lower	Upper
91	100		
126	33.5	17.6	52.9

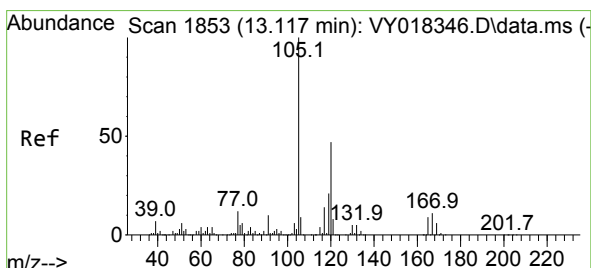
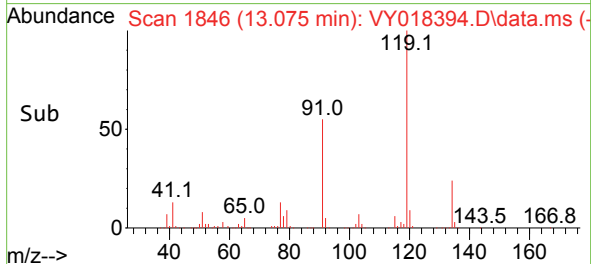
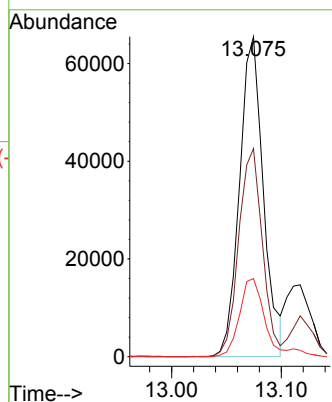
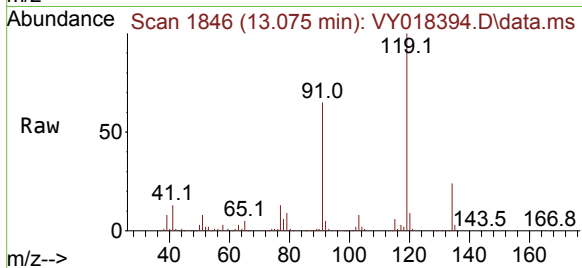




#83
tert-Butylbenzene
Concen: 20.496 ug/l
RT: 13.075 min Scan# 119
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

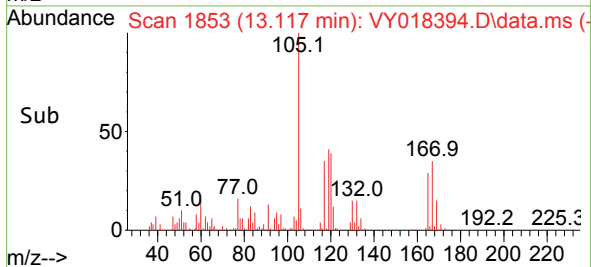
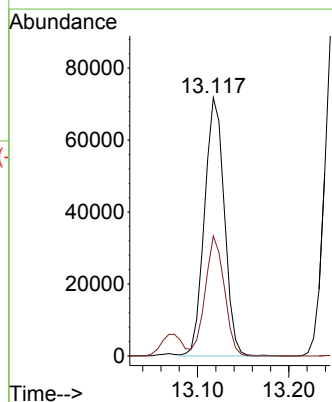
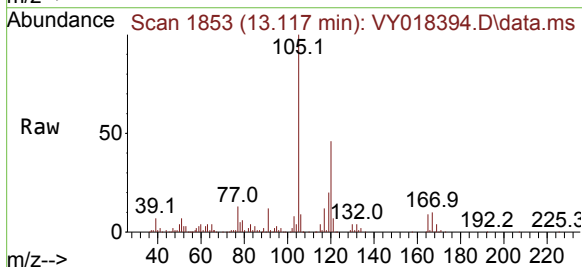
Instrument :
MSVOA_Y
ClientSampleId :

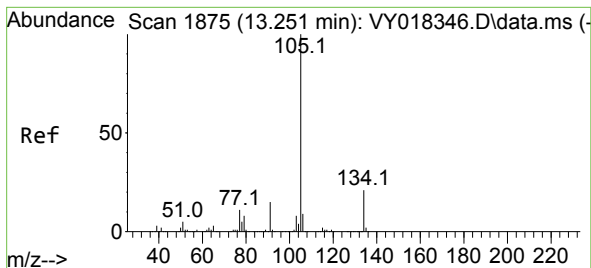
Tgt Ion:119 Resp: 99045
Ion Ratio Lower Upper
119 100
91 64.6 31.3 93.8
134 26.7 13.4 40.1



#84
1,2,4-Trimethylbenzene
Concen: 21.025 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion:105 Resp: 108100
Ion Ratio Lower Upper
105 100
120 44.5 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.009 ug/l

RT: 13.251 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

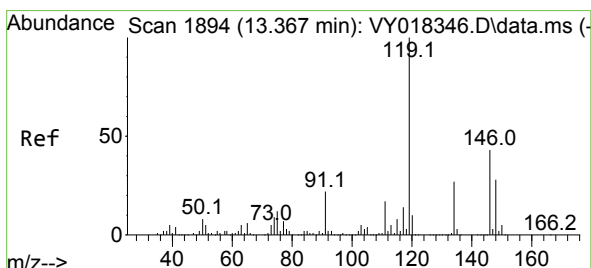
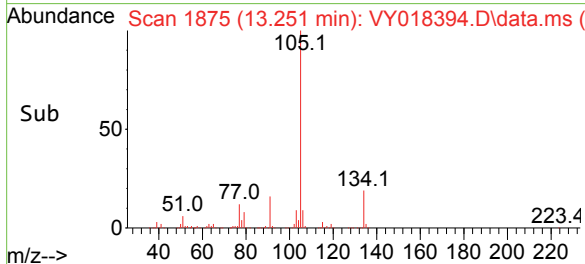
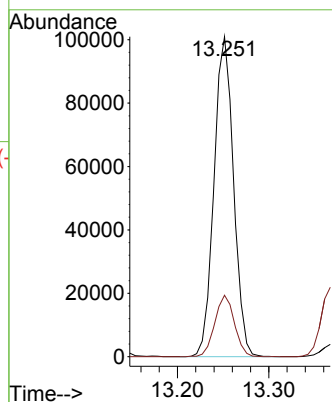
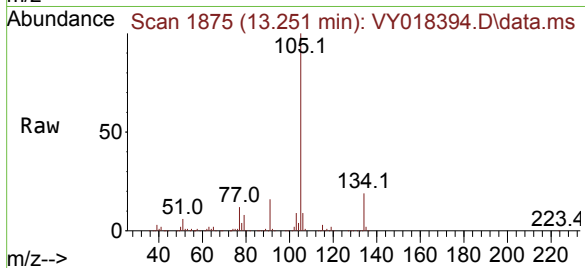
ClientSampleId :

Tgt Ion:105 Resp: 150149

Ion Ratio Lower Upper

105 100

134 19.3 10.1 30.1



#86

p-Isopropyltoluene

Concen: 20.486 ug/l

RT: 13.367 min Scan# 1894

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

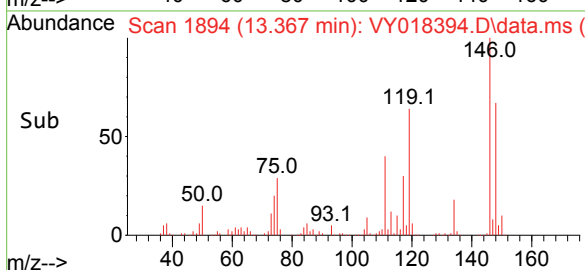
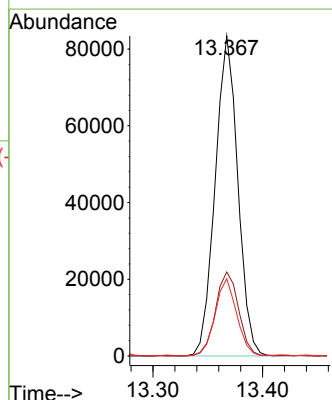
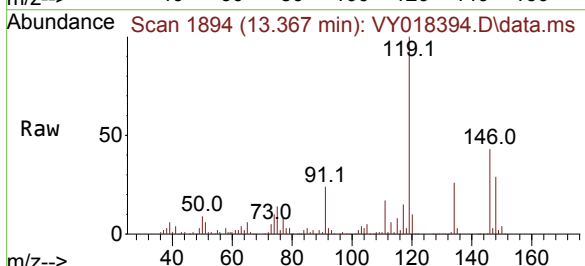
Tgt Ion:119 Resp: 119757

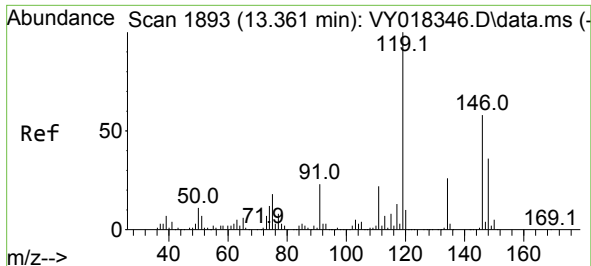
Ion Ratio Lower Upper

119 100

134 26.8 13.1 39.3

91 23.3 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 20.154 ug/l

RT: 13.361 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018394.D

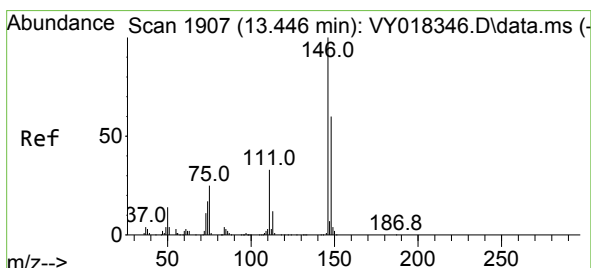
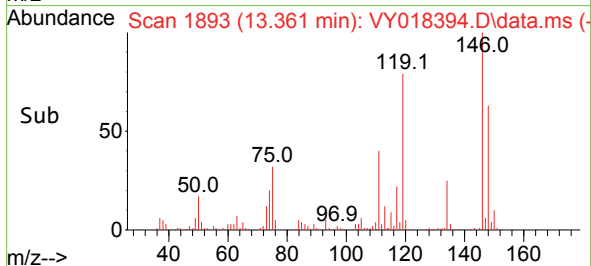
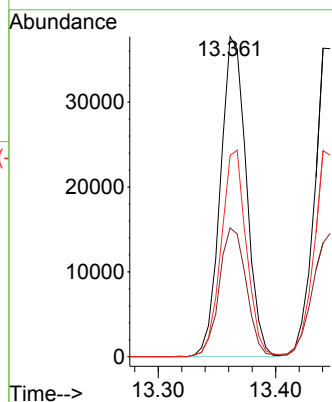
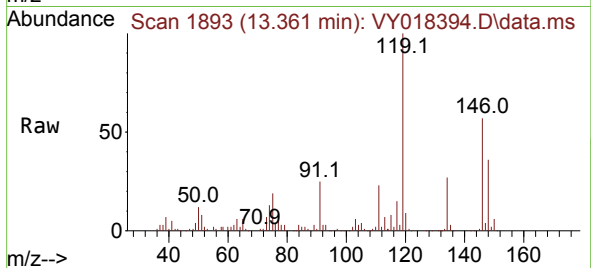
Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	57826
Ion Ratio	Lower	Upper
146	100	
111	42.2	19.0 57.0
148	63.1	31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 19.859 ug/l

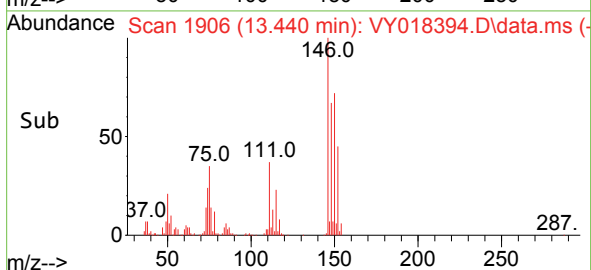
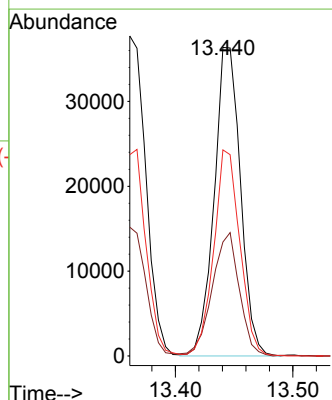
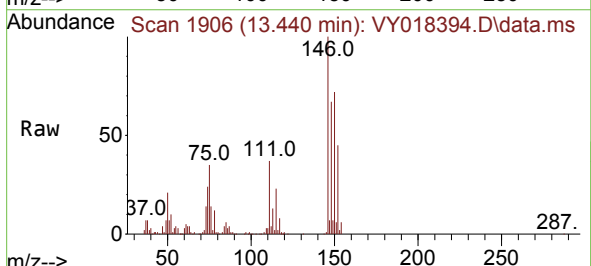
RT: 13.440 min Scan# 1906

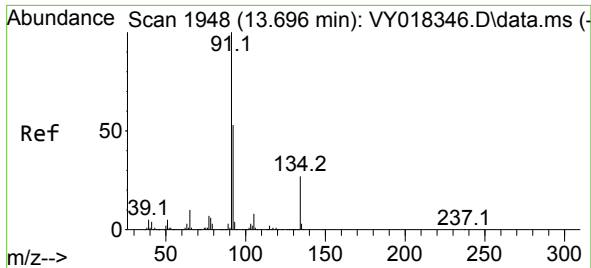
Delta R.T. -0.006 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Tgt Ion:146	Resp:	56712
Ion Ratio	Lower	Upper
146	100	
111	41.4	18.4 55.4
148	66.4	32.4 97.2

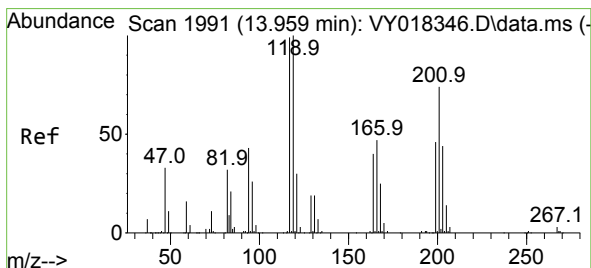
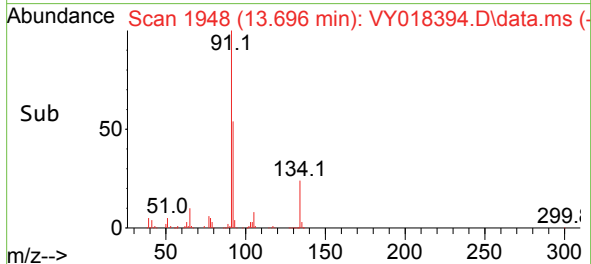
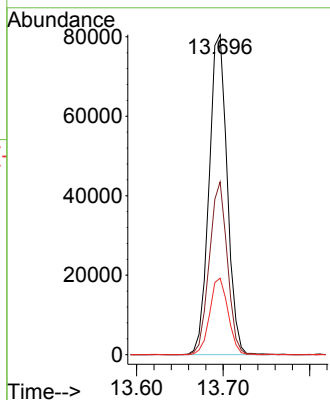
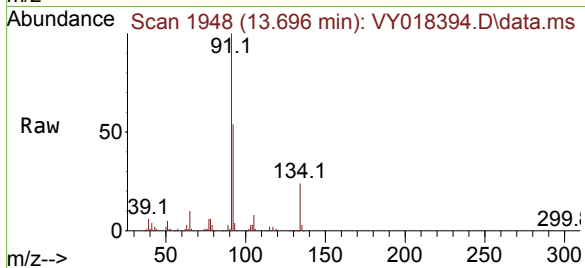




#89
n-Butylbenzene
Concen: 21.337 ug/l
RT: 13.696 min Scan# 1948
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

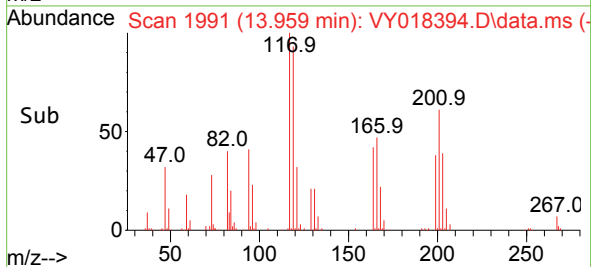
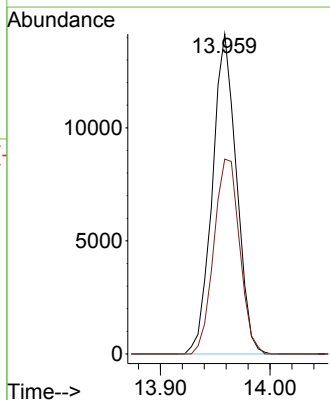
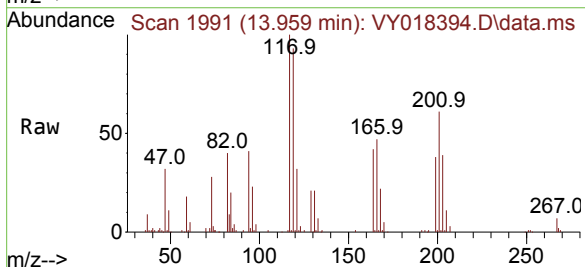
Instrument :
MSVOA_Y
ClientSampleId :

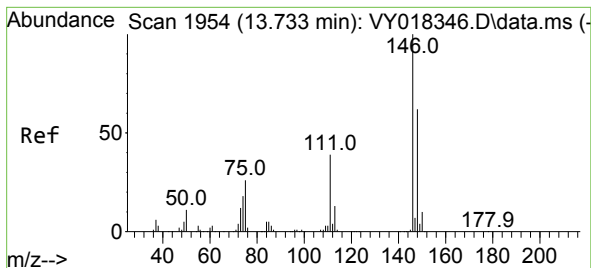
Tgt Ion: 91 Resp: 117219
Ion Ratio Lower Upper
91 100
92 53.6 26.6 79.7
134 24.2 12.9 38.7



#90
Hexachloroethane
Concen: 20.040 ug/l
RT: 13.959 min Scan# 1991
Delta R.T. 0.000 min
Lab File: VY018394.D
Acq: 29 May 2024 13:04

Tgt Ion: 117 Resp: 21634
Ion Ratio Lower Upper
117 100
201 65.2 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 20.198 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018394.D

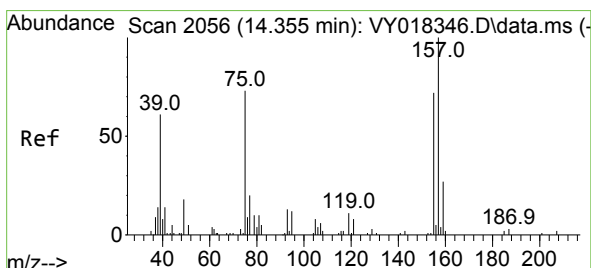
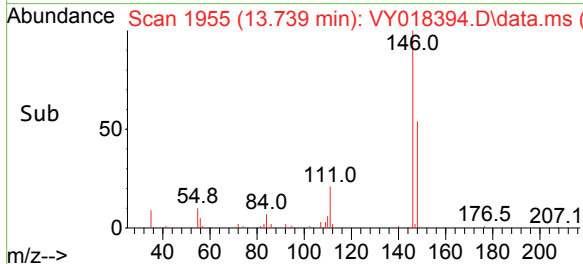
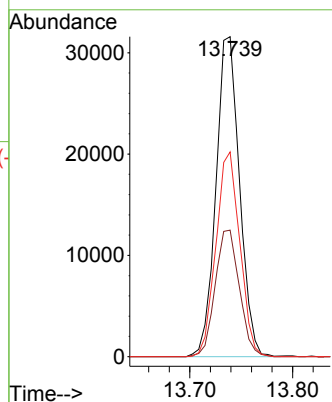
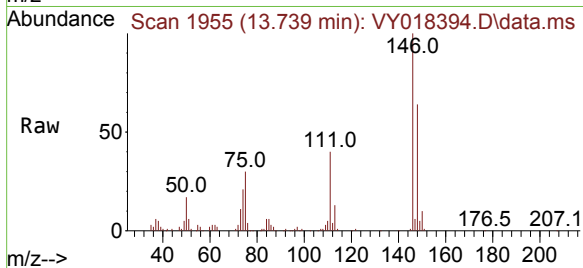
Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:146	Resp:	50285
Ion Ratio	Lower	Upper
146	100	
111	40.6	19.9 59.7
148	64.7	31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.161 ug/l

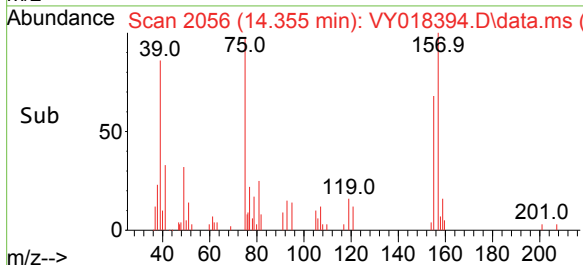
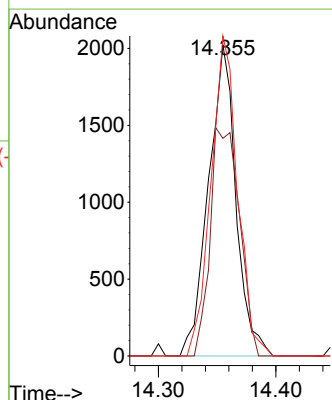
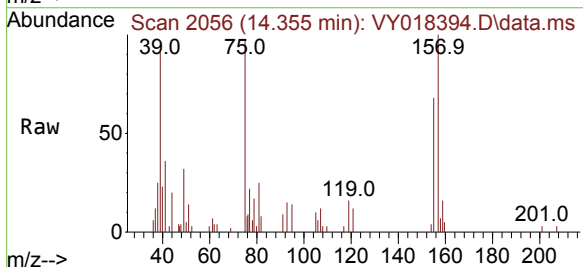
RT: 14.355 min Scan# 2056

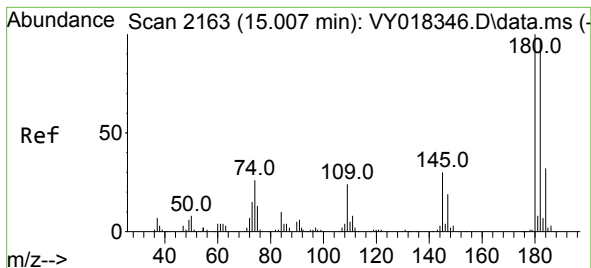
Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Tgt Ion: 75	Resp:	3290
Ion Ratio	Lower	Upper
75	100	
155	78.1	48.6 145.8
157	99.7	62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 18.206 ug/l

RT: 15.007 min Scan# 2163

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

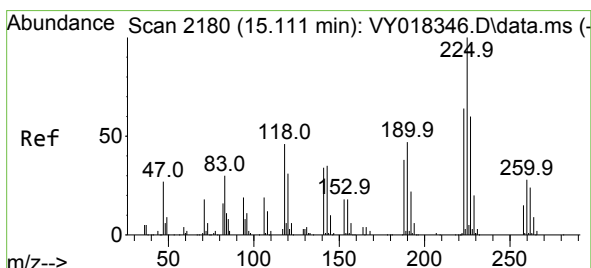
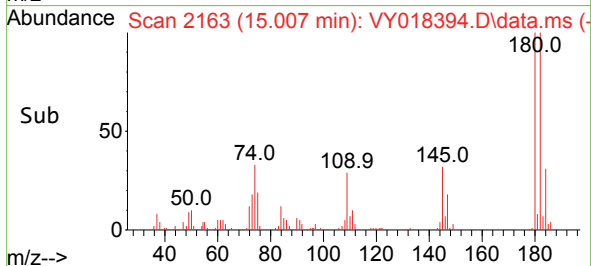
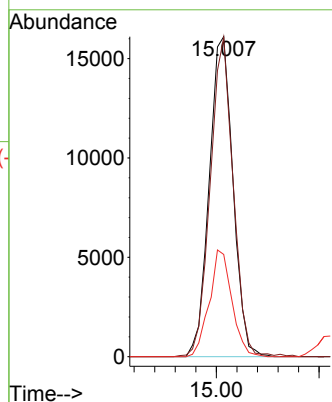
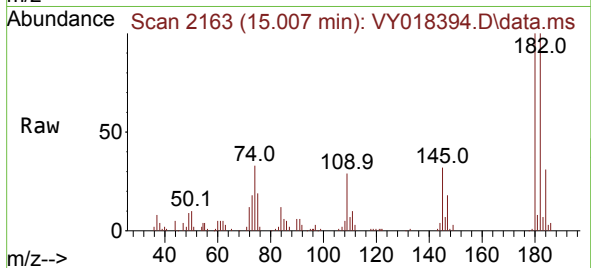
Tgt Ion:180 Resp: 25818

Ion Ratio Lower Upper

180 100

182 96.6 47.9 143.8

145 31.8 14.2 42.6



#94

Hexachlorobutadiene

Concen: 18.287 ug/l

RT: 15.111 min Scan# 2180

Delta R.T. 0.000 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

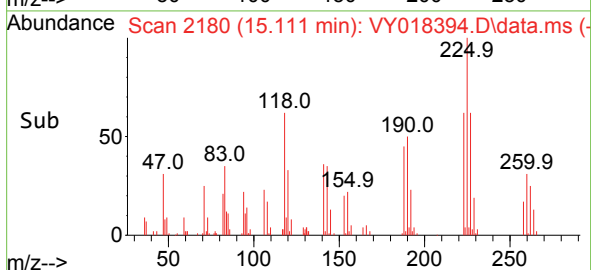
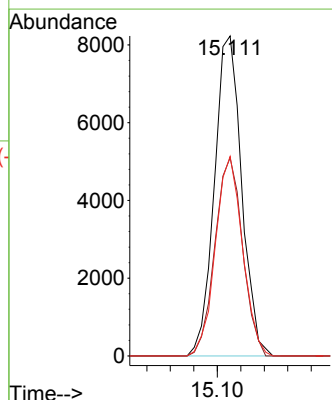
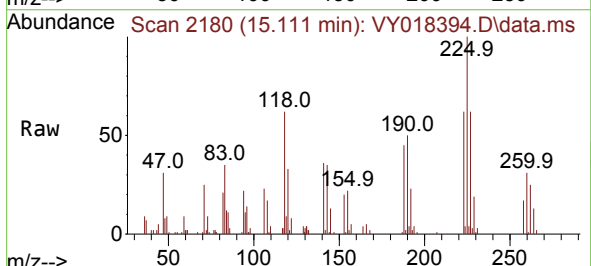
Tgt Ion:225 Resp: 13271

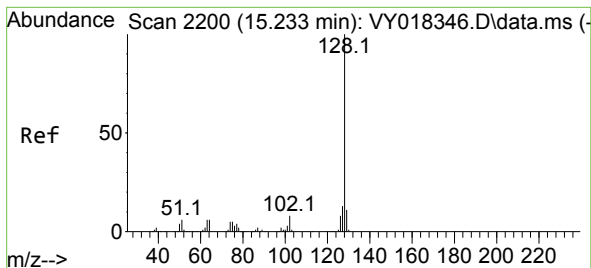
Ion Ratio Lower Upper

225 100

223 62.7 30.4 91.2

227 62.1 31.9 95.9





#95

Naphthalene

Concen: 18.446 ug/l

RT: 15.233 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY018394.D

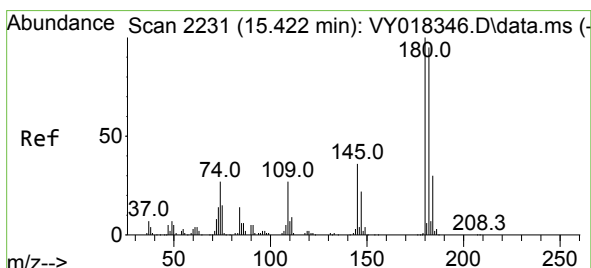
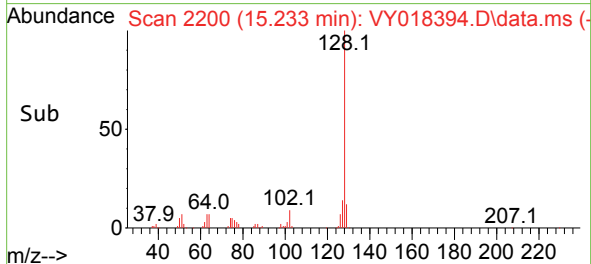
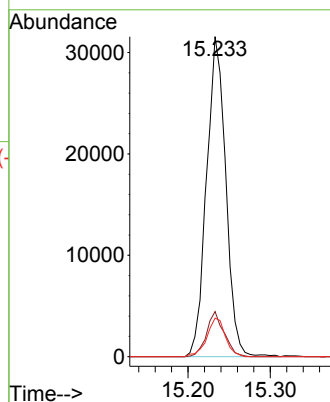
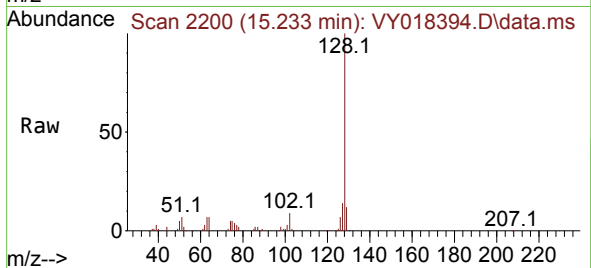
Acq: 29 May 2024 13:04

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp:	51440
Ion Ratio	Lower	Upper
128	100	
127	12.8	10.6 16.0
129	11.6	8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 18.459 ug/l

RT: 15.428 min Scan# 2232

Delta R.T. 0.006 min

Lab File: VY018394.D

Acq: 29 May 2024 13:04

Tgt Ion:180	Resp:	22256
Ion Ratio	Lower	Upper
180	100	
182	92.9	47.6 142.9
145	32.9	15.4 46.1

