

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100924\
 Data File : VY019838.D
 Acq On : 09 Oct 2024 17:27
 Operator : SY/MD
 Sample : P4343-01
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 10 05:40:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	1330	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.622	114	2122	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.426	117	886	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.353	152	325	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	1196	73.033	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 146.060%	
35) Dibromofluoromethane	7.640	113	1047	74.770	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 149.540%#	
50) Toluene-d8	10.189	98	80	1.547	ug/l	0.09
Spiked Amount	50.000	Range	58 - 134	Recovery	= 3.100%#	
62) 4-Bromofluorobenzene	12.408	95	380	20.338	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 40.680%	

Target Compounds					Qvalue	
3) Chloromethane	2.080	50	386	23.954	ug/l #	43
4) Vinyl Chloride	2.196	62	53	2.989	ug/l #	43
5) Bromomethane	2.617	94	203	18.086	ug/l #	4
6) Chloroethane	2.836	64	24	2.015	ug/l #	44
10) Methyl Iodide	4.031	142	514	33.113	ug/l #	51
11) Tert butyl alcohol	4.933	59	38	11.926	ug/l #	74
12) 1,1-Dichloroethene	3.751	96	44	3.084	ug/l #	37
13) Acrolein	3.684	56	48	39.890	ug/l #	1
14) Allyl chloride	4.409	41	68	2.641	ug/l #	63
15) Acrylonitrile	5.104	53	50	13.631	ug/l #	18
16) Acetone	3.873	43	107	25.100	ug/l #	45
17) Carbon Disulfide	4.110	76	97	2.536	ug/l #	75
18) Methyl Acetate	4.415	43	113	12.305	ug/l #	52
20) Methylene Chloride	4.574	84	19	1.104	ug/l #	1
21) trans-1,2-Dichloroethene	4.842	96	34	2.189	ug/l #	1
22) Diisopropyl ether	6.012	45	61	1.088	ug/l #	36
23) Vinyl Acetate	5.970	43	44	1.369	ug/l #	73
25) 2-Butanone	6.939	43	26	4.556	ug/l #	51
27) cis-1,2-Dichloroethene	6.909	96	23	1.198	ug/l #	67
28) Bromochloromethane	7.299	49	65	4.738	ug/l #	18
29) Tetrahydrofuran	7.244	42	21	6.446	ug/l #	35
30) Chloroform	7.427	83	44	1.385	ug/l #	17
36) 1,1-Dichloropropene	7.732	75	204	10.112	ug/l #	53
37) Ethyl Acetate	7.000	43	64	6.084	ug/l #	69
38) Carbon Tetrachloride	7.689	117	44	2.035	ug/l #	12
39) Methylcyclohexane	9.103	83	66	2.597	ug/l #	17
40) Benzene	8.067	78	93	1.523	ug/l #	51
41) Methacrylonitrile	7.226	41	109	19.145	ug/l #	47
42) 1,2-Dichloroethane	8.158	62	29	1.653	ug/l #	75
43) Isopropyl Acetate	8.183	43	28	1.305	ug/l #	62
48) Methyl methacrylate	9.213	41	75	7.948	ug/l #	2
51) 4-Methyl-2-Pentanone	10.000	43	50	4.569	ug/l #	1
53) t-1,3-Dichloropropene	10.542	75	20	1.003	ug/l #	43
54) cis-1,3-Dichloropropene	10.042	75	61	2.593	ug/l #	31
56) Ethyl methacrylate	10.658	69	70	4.435	ug/l #	1
58) 2-Chloroethyl Vinyl ether	9.500	63	40	5.444	ug/l #	48

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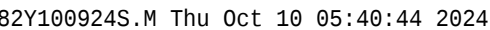
Quant Time: Oct 10 05:40:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
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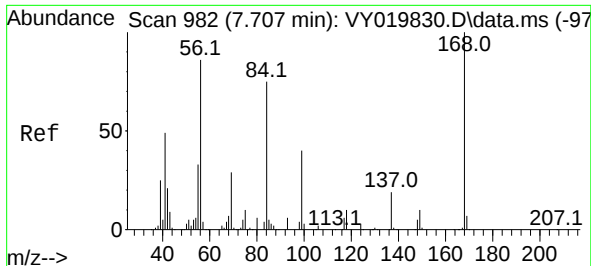
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

59) 2-Hexanone	10.756	43	38	4.862	ug/l #	25
61) 1,2-Dibromoethane	10.786	107	20	2.012	ug/l #	3
65) Chlorobenzene	11.438	112	101	4.984	ug/l #	42
67) Ethyl Benzene	11.511	91	115	3.124	ug/l #	45
73) Isopropylbenzene	12.255	105	52	1.902	ug/l #	49
74) N-amyl acetate	12.121	43	124	17.126	ug/l #	44
75) 1,1,2,2-Tetrachloroethane	12.493	83	36	7.411	ug/l #	26
76) 1,2,3-Trichloropropane	12.554	75	34	10.047	ug/l #	100
77) Bromobenzene	12.536	156	44	7.585	ug/l #	1
78) n-propylbenzene	12.767	91	144	4.359	ug/l	82
79) 2-Chlorotoluene	12.645	91	22	1.162	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.731	105	210	9.512	ug/l #	29
81) trans-1,4-Dichloro-2-b...	12.402	75	251	159.129	ug/l #	8
82) 4-Chlorotoluene	12.767	91	144	7.437	ug/l #	42
83) tert-Butylbenzene	12.999	119	126	6.371	ug/l #	24
84) 1,2,4-Trimethylbenzene	13.042	105	161	7.356	ug/l #	32
85) sec-Butylbenzene	13.176	105	57	1.929	ug/l #	57
86) p-Isopropyltoluene	13.273	119	93	3.876	ug/l #	50
87) 1,3-Dichlorobenzene	13.267	146	29	2.475	ug/l #	24
88) 1,4-Dichlorobenzene	13.359	146	62	5.387	ug/l #	10
89) n-Butylbenzene	13.615	91	134	5.719	ug/l #	60
91) 1,2-Dichlorobenzene	13.639	146	139	13.504	ug/l #	33
92) 1,2-Dibromo-3-Chloropr...	14.182	75	22	28.379	ug/l #	5
93) 1,2,4-Trichlorobenzene	14.907	180	230	39.849	ug/l #	77
94) Hexachlorobutadiene	15.017	225	108	33.656	ug/l #	29
95) Naphthalene	15.133	128	302	27.742	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.334	180	234	47.960	ug/l #	63

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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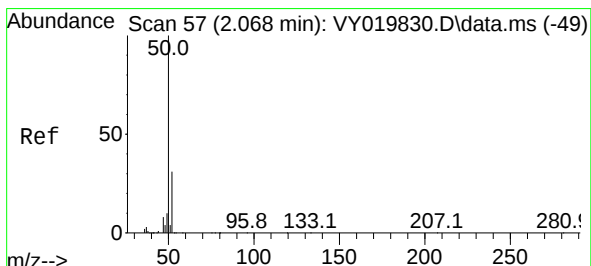
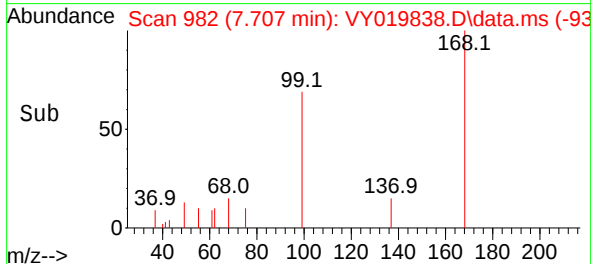
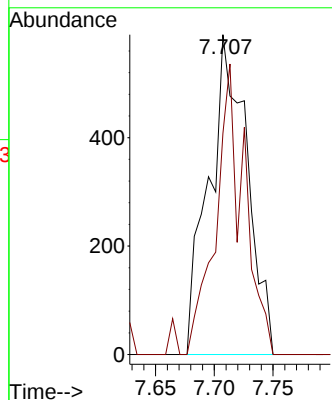
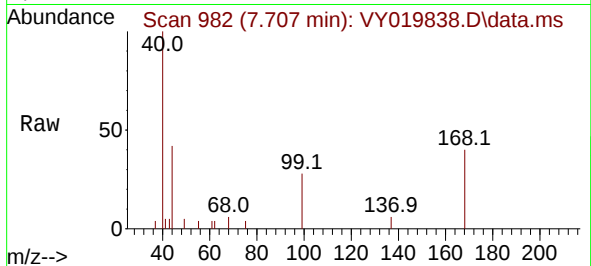




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019838.D
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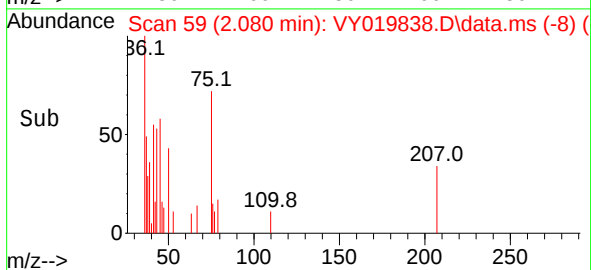
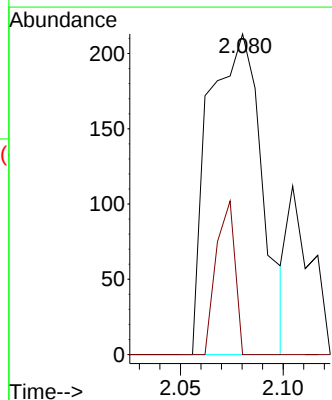
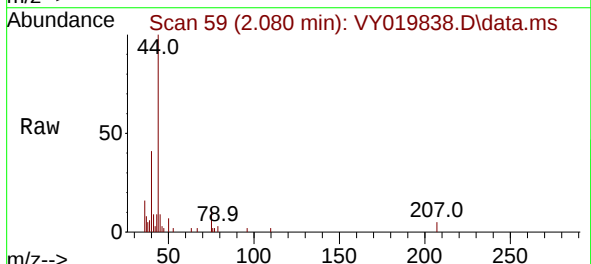
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MSVOA_Y
ClientSampleId :

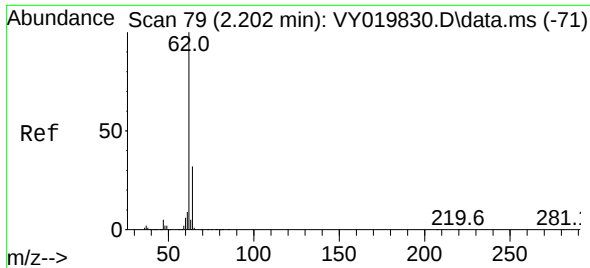
Tgt Ion:168 Resp: 1330
Ion Ratio Lower Upper
168 100
99 69.2 52.6 78.8



#3
Chloromethane
Concen: 23.954 ug/l
RT: 2.080 min Scan# 59
Delta R.T. 0.012 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 50 Resp: 386
Ion Ratio Lower Upper
50 100
52 0.0 25.1 37.7#

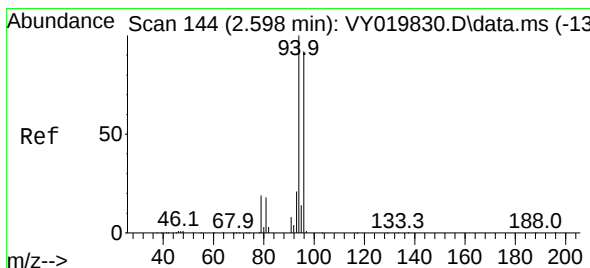
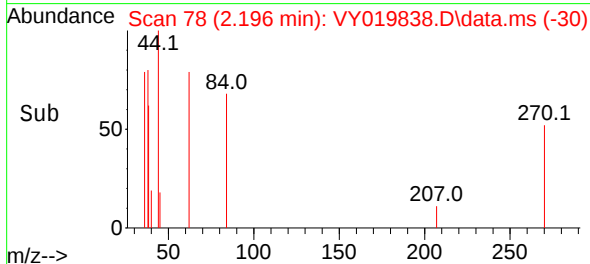
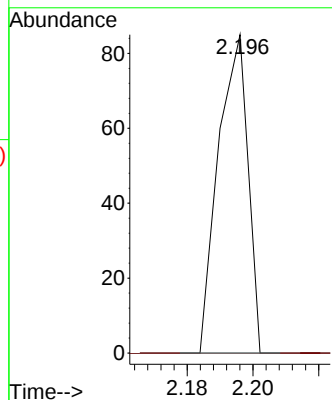
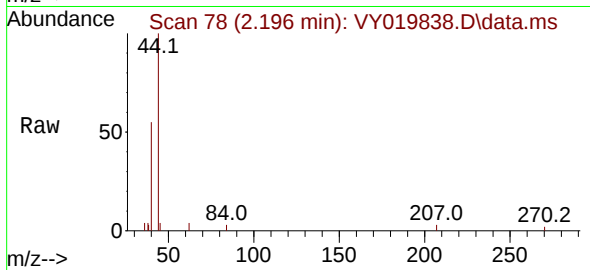




#4
Vinyl Chloride
Concen: 2.989 ug/l
RT: 2.196 min Scan# 71
Delta R.T. -0.006 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

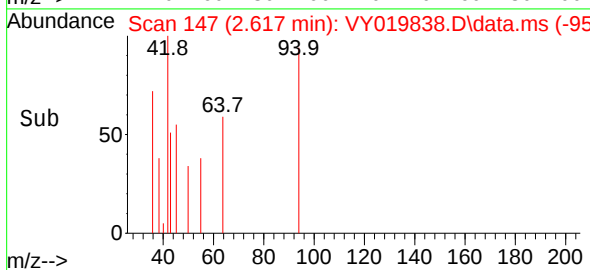
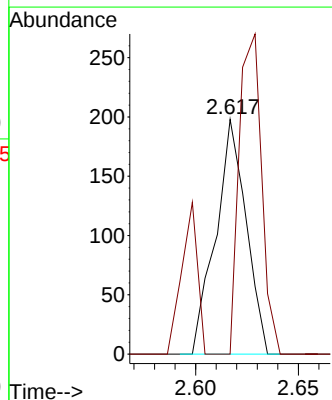
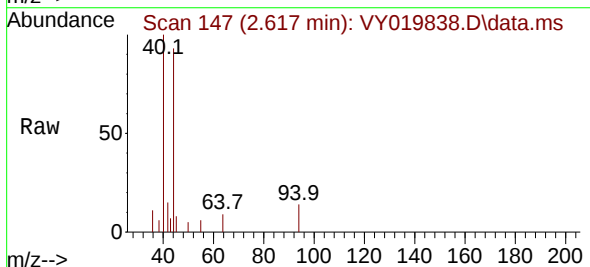
Instrument :
MSVOA_Y
ClientSampleId :

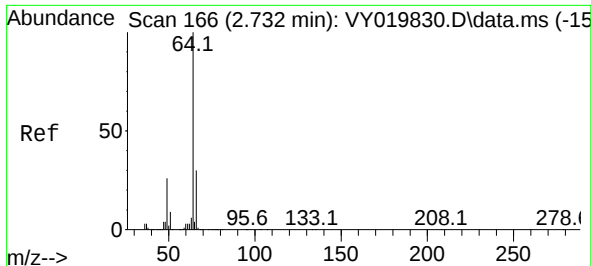
Tgt Ion: 62 Resp: 53
Ion Ratio Lower Upper
62 100
64 0.0 25.6 38.4#



#5
Bromomethane
Concen: 18.086 ug/l
RT: 2.617 min Scan# 147
Delta R.T. 0.018 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 94 Resp: 203
Ion Ratio Lower Upper
94 100
96 0.0 73.6 110.4#

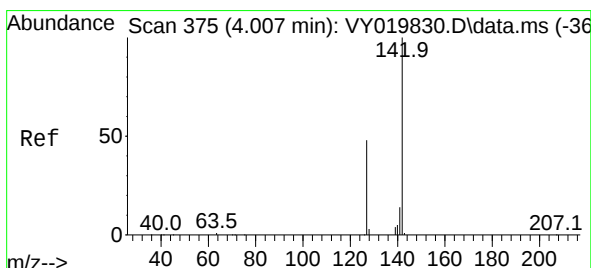
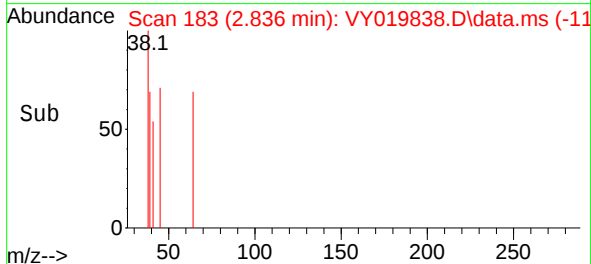
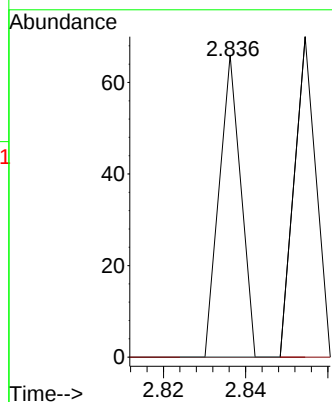
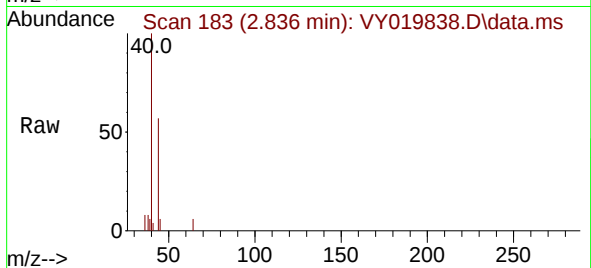




#6
Chloroethane
Concen: 2.015 ug/l
RT: 2.836 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

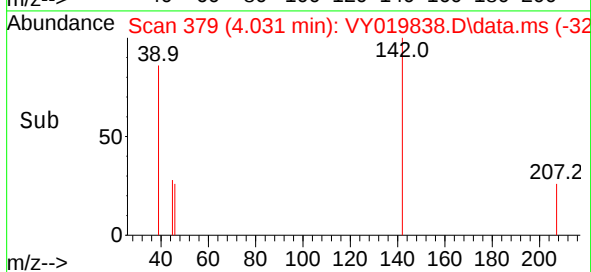
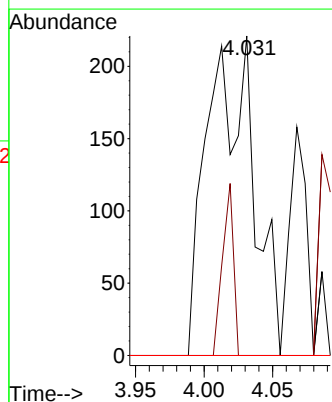
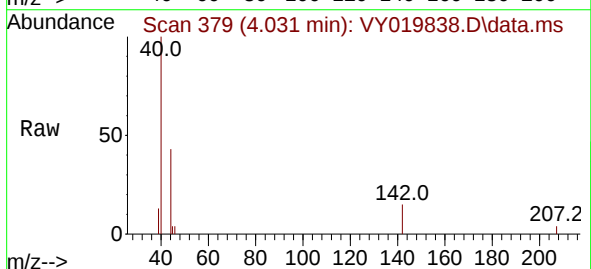
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MSVOA_Y
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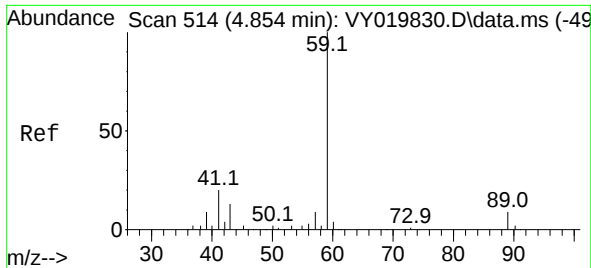
Tgt Ion: 64 Resp: 24
Ion Ratio Lower Upper
64 100
66 0.0 24.2 36.2#



#10
Methyl Iodide
Concen: 33.113 ug/l
RT: 4.031 min Scan# 379
Delta R.T. 0.025 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion:142 Resp: 514
Ion Ratio Lower Upper
142 100
127 12.8 39.4 59.2#
141 0.0 11.7 17.5#

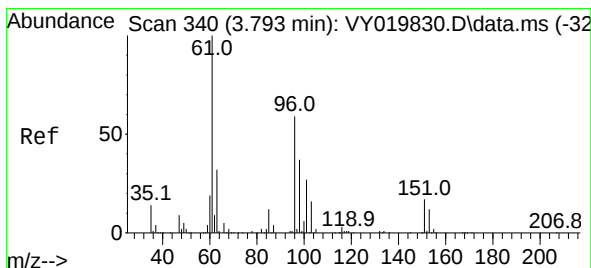
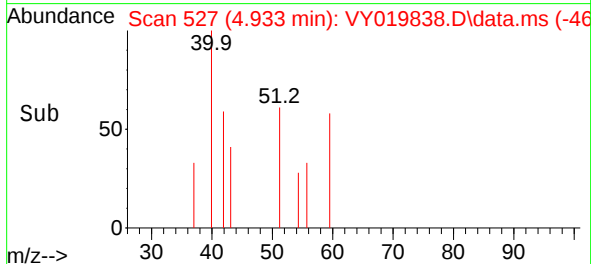
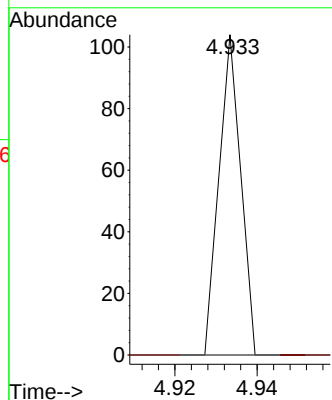
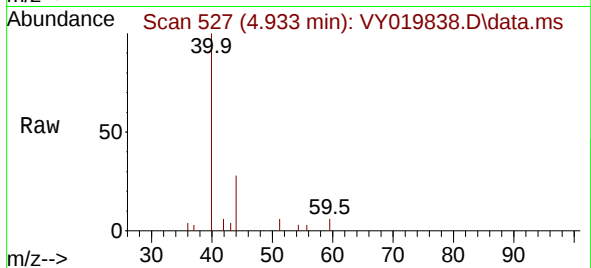




#11
Tert butyl alcohol
Concen: 11.926 ug/l
RT: 4.933 min Scan# 514
Delta R.T. 0.079 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

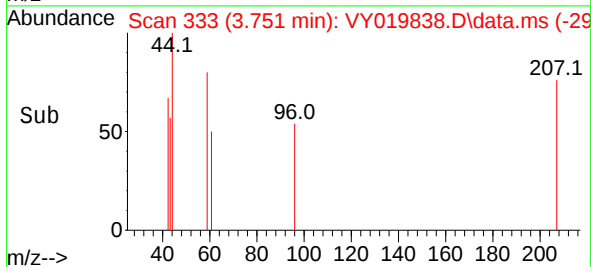
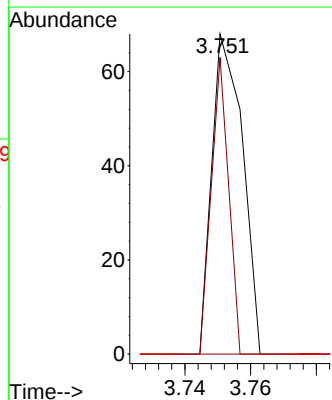
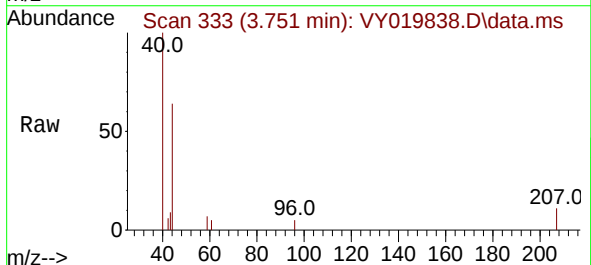
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ClientSampleId :

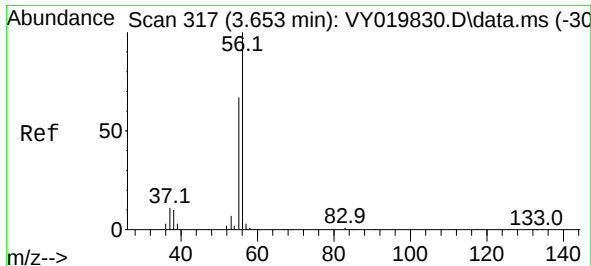
Tgt Ion: 59 Resp: 38
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#



#12
1,1-Dichloroethene
Concen: 3.084 ug/l
RT: 3.751 min Scan# 333
Delta R.T. -0.043 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 96 Resp: 44
Ion Ratio Lower Upper
96 100
61 92.6 134.9 202.3#
98 0.0 50.2 75.4#





#13

Acrolein

Concen: 39.890 ug/l

RT: 3.684 min Scan# 317

Delta R.T. 0.031 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Instrument :

MSVOA_Y

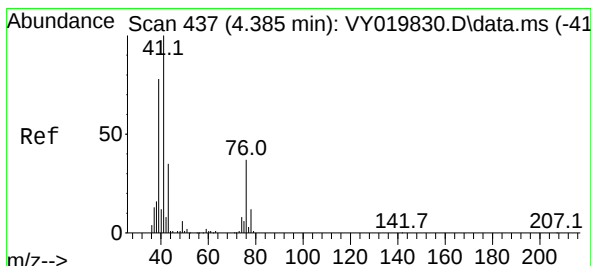
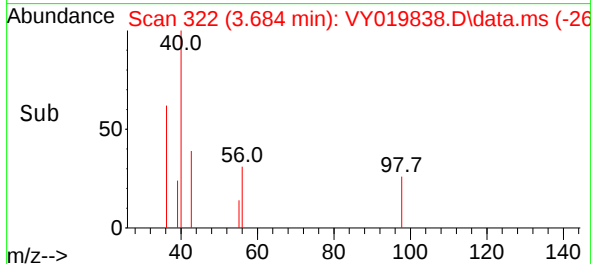
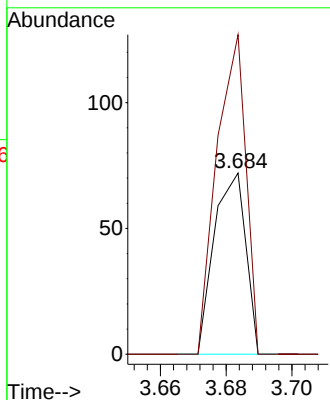
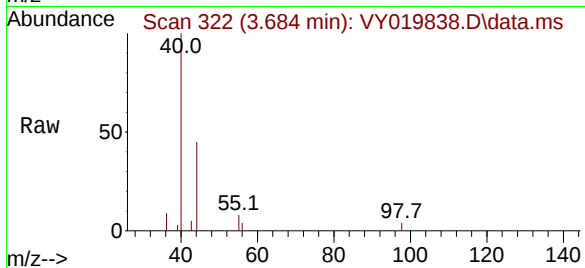
ClientSampleId :

Tgt Ion: 56 Resp: 48

Ion Ratio Lower Upper

56 100

55 162.5 56.9 85.3#



#14

Allyl chloride

Concen: 2.641 ug/l

RT: 4.409 min Scan# 441

Delta R.T. 0.025 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

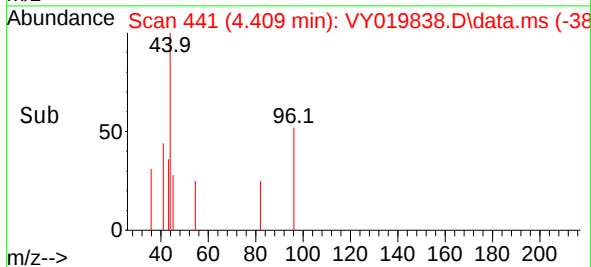
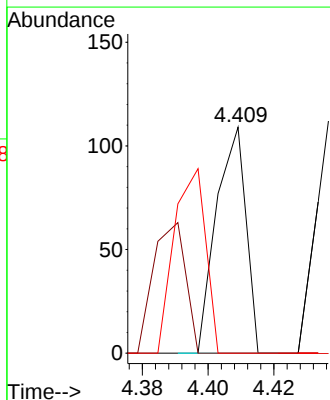
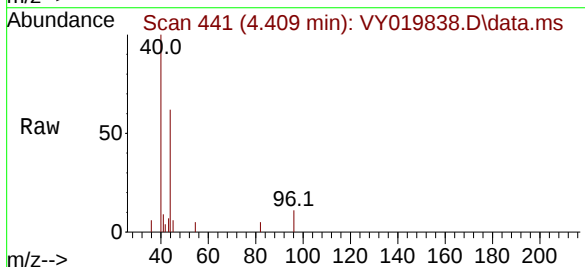
Tgt Ion: 41 Resp: 68

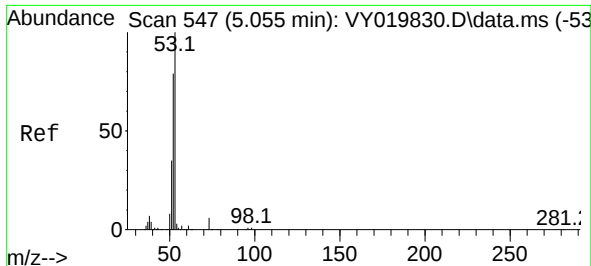
Ion Ratio Lower Upper

41 100

39 63.2 59.1 88.7

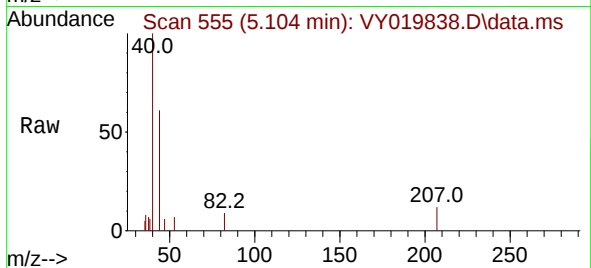
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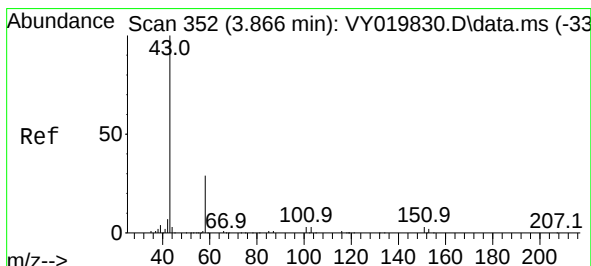
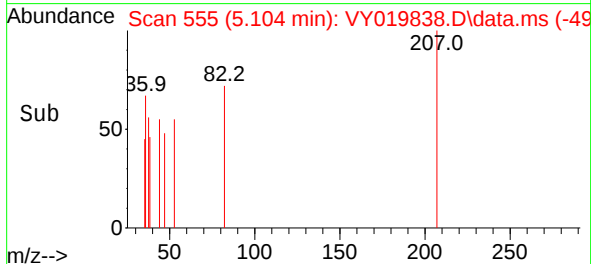
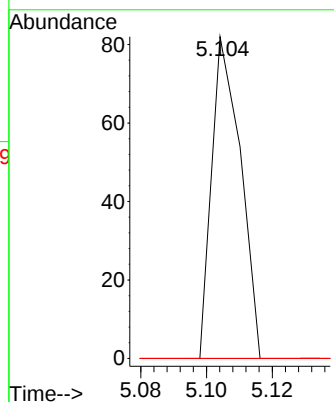


#15
Acrylonitrile
Concen: 13.631 ug/l
RT: 5.104 min Scan# 51
Delta R.T. 0.049 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

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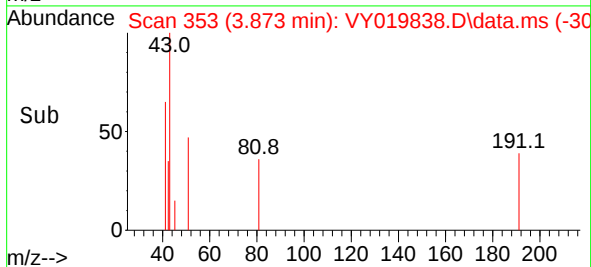
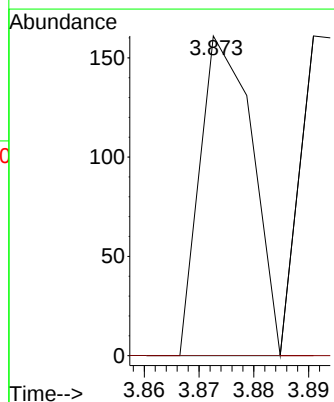
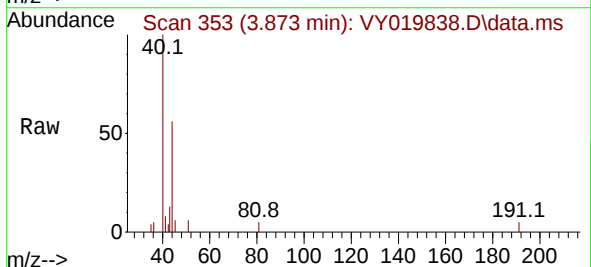


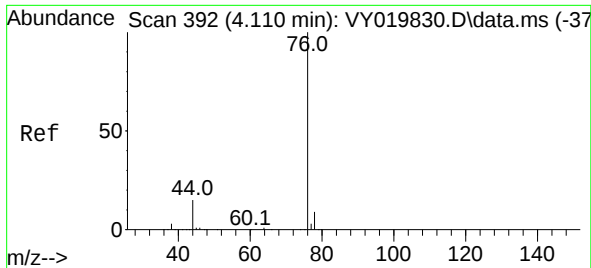
Tgt Ion: 53 Resp: 50
Ion Ratio Lower Upper
53 100
52 0.0 65.0 97.6#
51 0.0 29.9 44.9#



#16
Acetone
Concen: 25.100 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.006 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 43 Resp: 107
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#

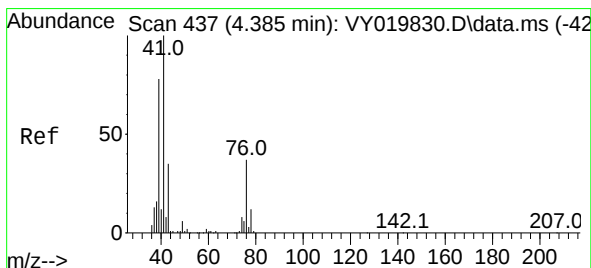
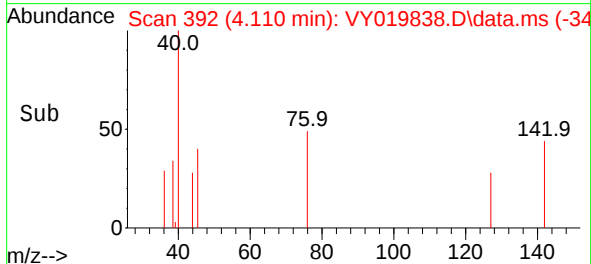
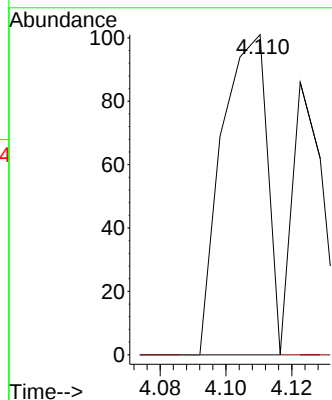
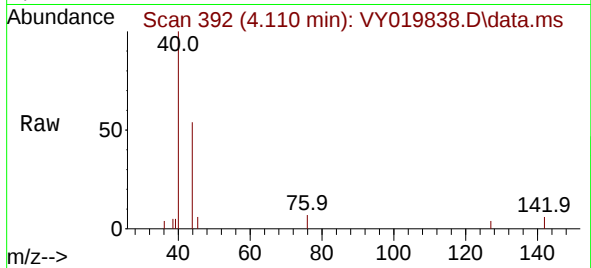




#17
Carbon Disulfide
Concen: 2.536 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.000 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

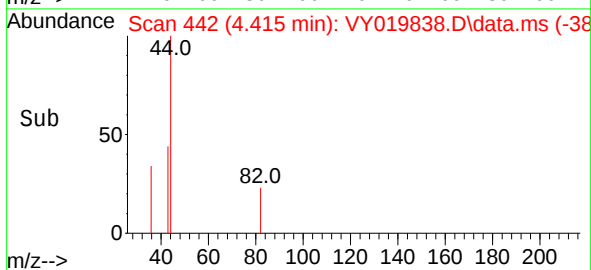
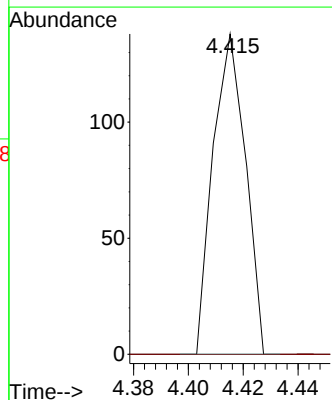
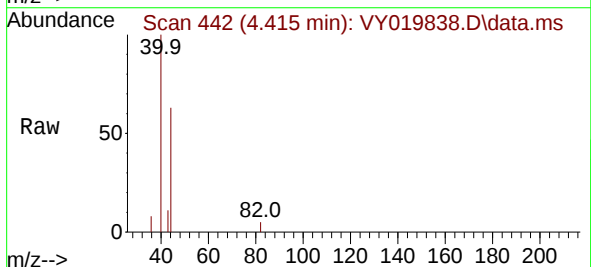
Instrument :
MSVOA_Y
ClientSampleId :

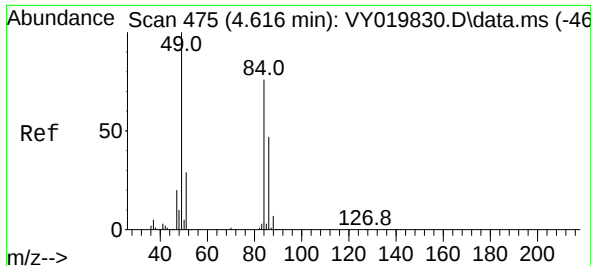
Tgt Ion: 76 Resp: 97
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#



#18
Methyl Acetate
Concen: 12.305 ug/l
RT: 4.415 min Scan# 442
Delta R.T. 0.031 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

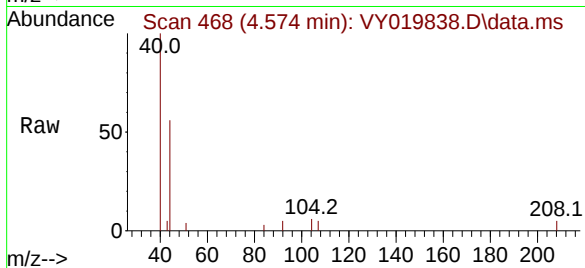
Tgt Ion: 43 Resp: 113
Ion Ratio Lower Upper
43 100
74 0.0 18.6 28.0#



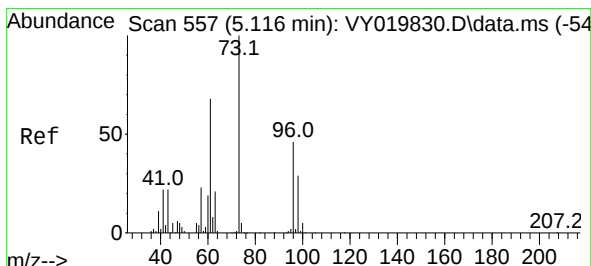
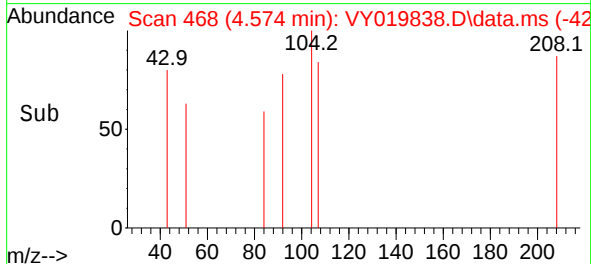
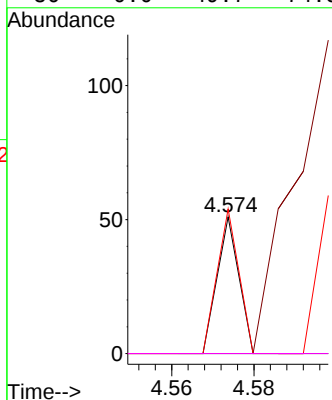


#20
Methylene Chloride
Concen: 1.104 ug/l
RT: 4.574 min Scan# 41
Delta R.T. -0.043 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Instrument :
MSVOA_Y
ClientSampleId :

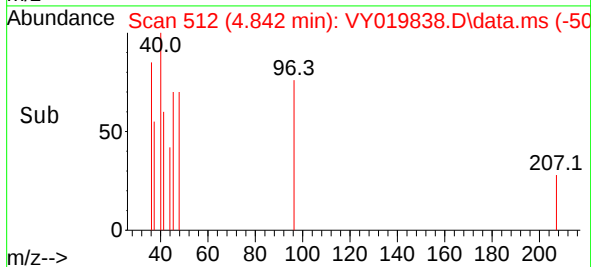
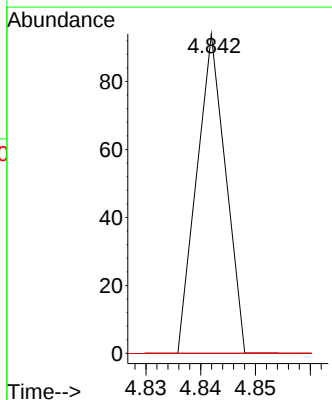
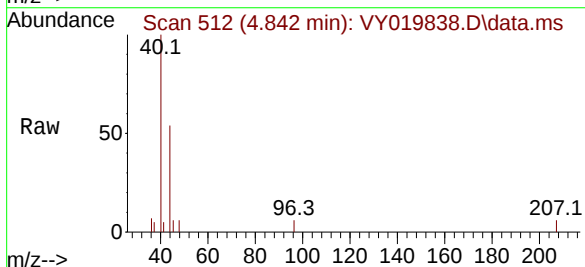


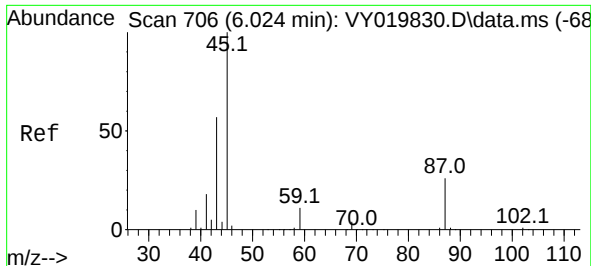
Tgt Ion:	84	Resp:	19
Ion	Ratio	Lower	Upper
84	100		
49	0.0	104.8	157.2#
51	105.9	30.4	45.6#
86	0.0	49.7	74.5#



#21
trans-1,2-Dichloroethene
Concen: 2.189 ug/l
RT: 4.842 min Scan# 512
Delta R.T. -0.274 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion:	96	Resp:	34
Ion	Ratio	Lower	Upper
96	100		
61	0.0	117.9	176.9#
98	0.0	51.0	76.4#





#22

Diisopropyl ether

Concen: 1.088 ug/l

RT: 6.012 min Scan# 706

Delta R.T. -0.012 min

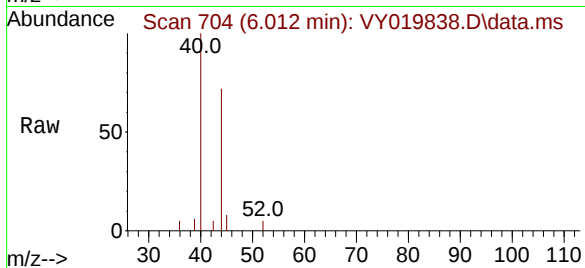
Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 45 Resp: 61

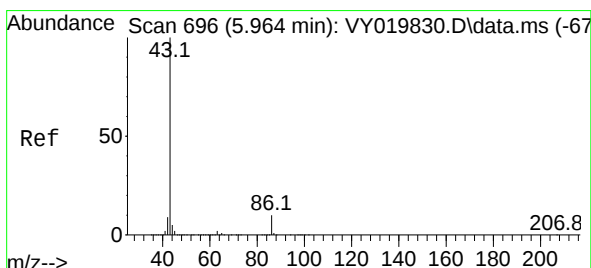
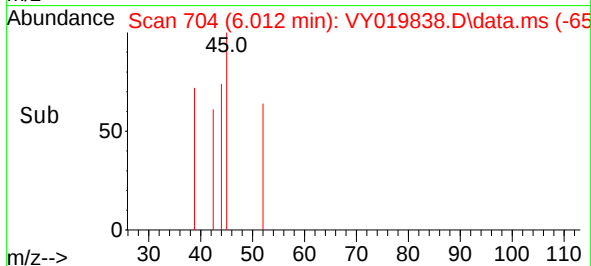
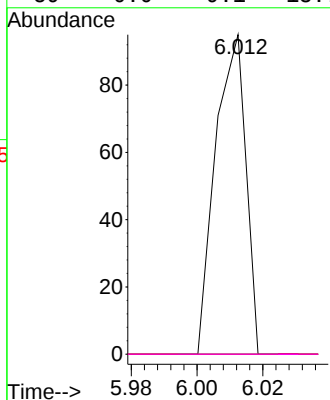
Ion Ratio Lower Upper

45 100

43 0.0 45.4 68.0#

87 0.0 21.1 31.7#

59 0.0 9.1 13.7#



#23

Vinyl Acetate

Concen: 1.369 ug/l

RT: 5.970 min Scan# 697

Delta R.T. 0.006 min

Lab File: VY019838.D

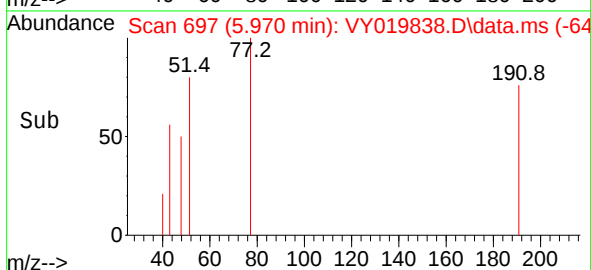
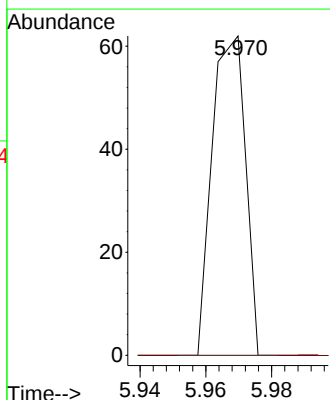
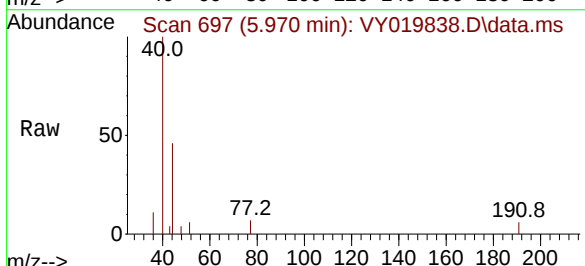
Acq: 09 Oct 2024 17:27

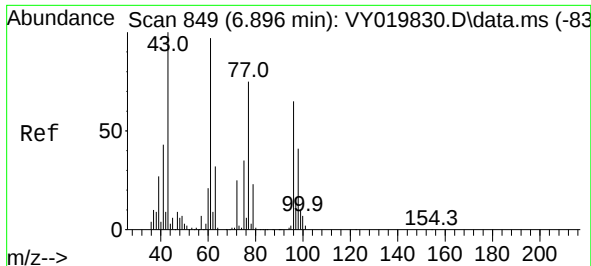
Tgt Ion: 43 Resp: 44

Ion Ratio Lower Upper

43 100

86 0.0 8.2 12.2#

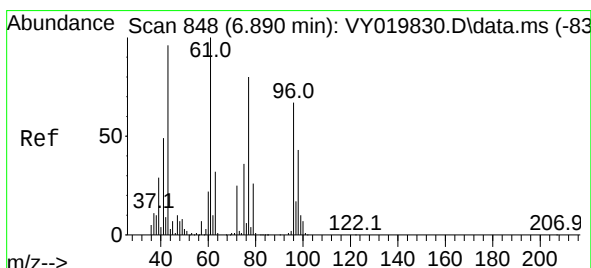
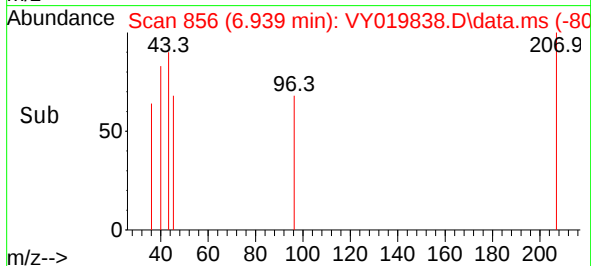
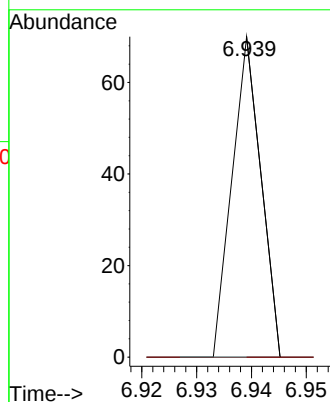
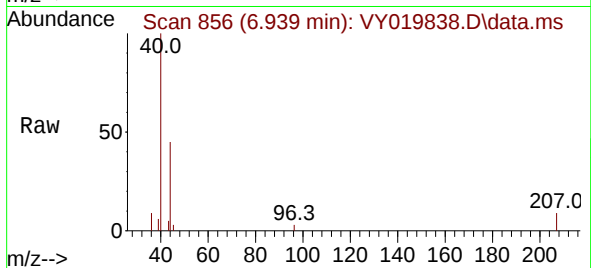




#25
2-Butanone
Concen: 4.556 ug/l
RT: 6.939 min Scan# 849
Delta R.T. 0.043 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

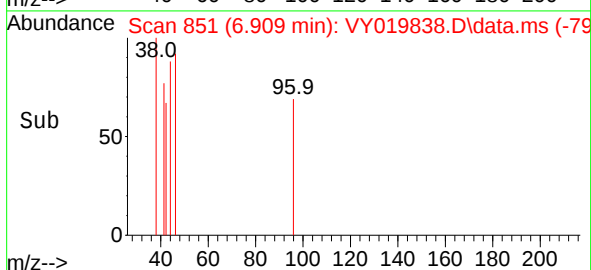
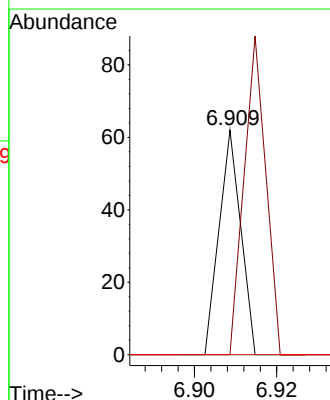
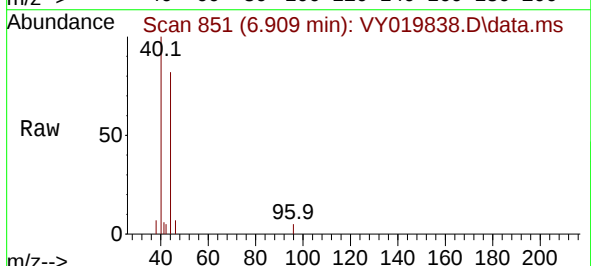
Instrument :
MSVOA_Y
ClientSampleId :

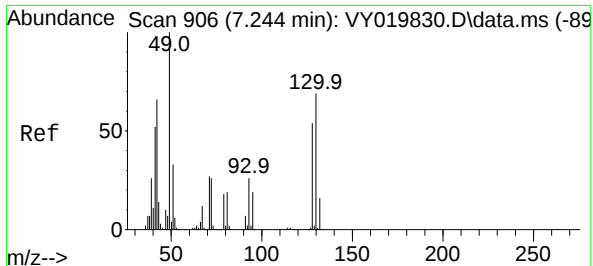
Tgt Ion: 43 Resp: 26
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.6#



#27
cis-1,2-Dichloroethene
Concen: 1.198 ug/l
RT: 6.909 min Scan# 851
Delta R.T. 0.018 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 96 Resp: 23
Ion Ratio Lower Upper
96 100
61 139.1 0.0 311.4
98 0.0 0.0 129.2





#28

Bromochloromethane

Concen: 4.738 ug/l

RT: 7.299 min Scan# 915

Delta R.T. 0.055 min

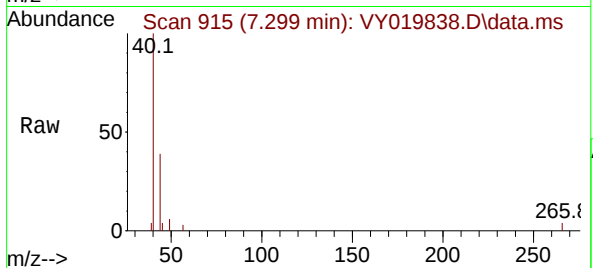
Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

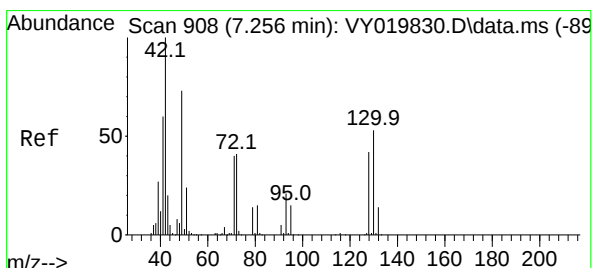
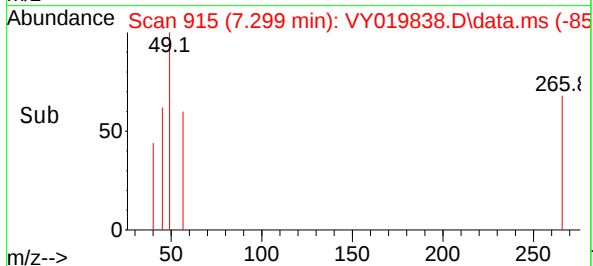
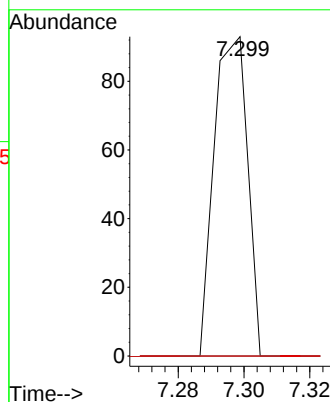
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	49	Resp:	65
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	4.0
130	0.0	55.0	82.4#



#29

Tetrahydrofuran

Concen: 6.446 ug/l

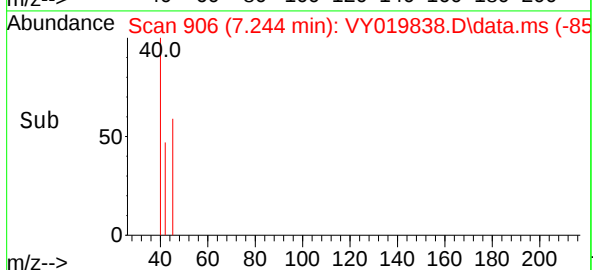
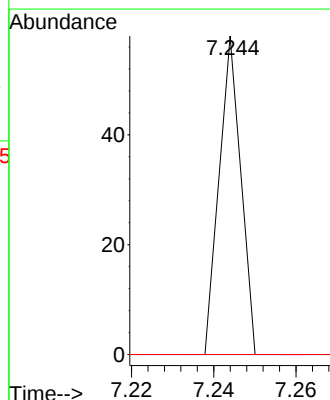
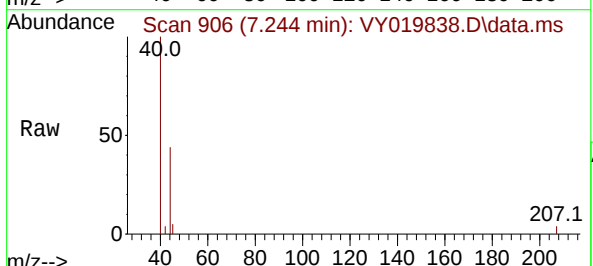
RT: 7.244 min Scan# 906

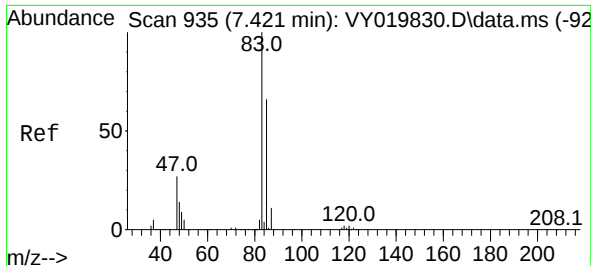
Delta R.T. -0.012 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Tgt Ion:	42	Resp:	21
Ion Ratio	Lower	Upper	
42	100		
72	0.0	33.4	50.0#
71	0.0	31.6	47.4#





#30

Chloroform

Concen: 1.385 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

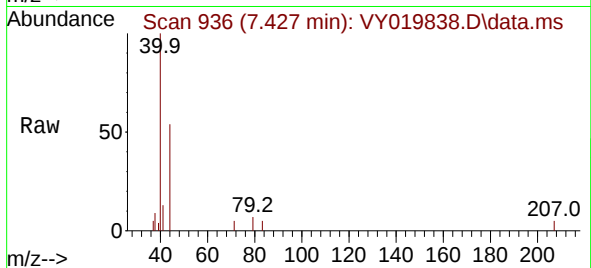
Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Instrument :

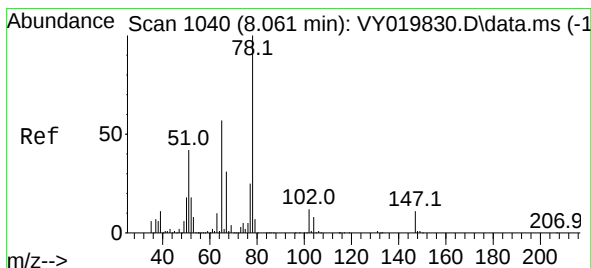
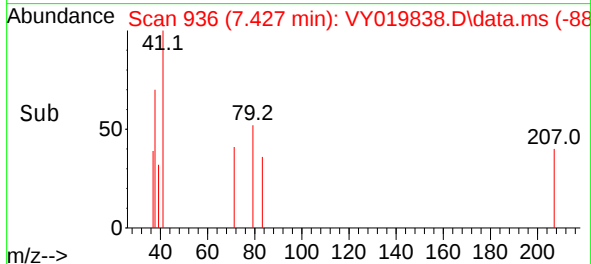
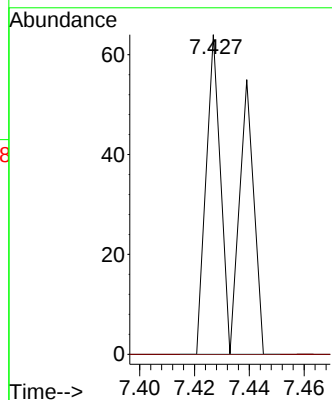
MSVOA_Y

ClientSampleId :



Tgt Ion: 83 Resp: 44

Ion	Ratio	Lower	Upper
83	100		
85	0.0	52.7	79.1#



#33

1,2-Dichloroethane-d4

Concen: 73.033 ug/l

RT: 8.061 min Scan# 1040

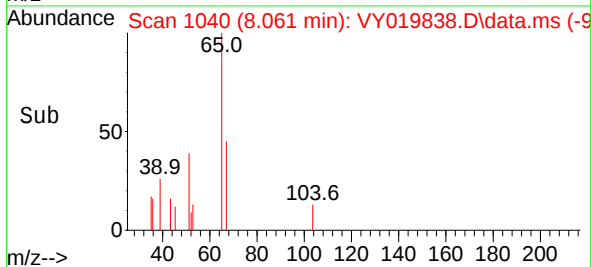
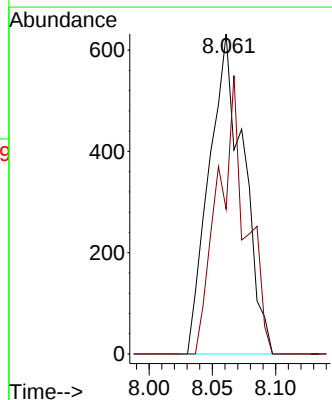
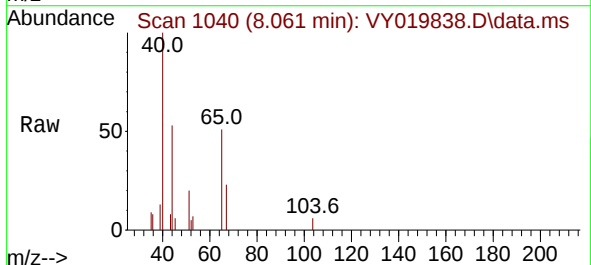
Delta R.T. 0.000 min

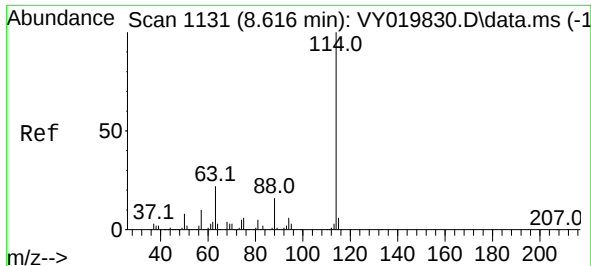
Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Tgt Ion: 65 Resp: 1196

Ion	Ratio	Lower	Upper
65	100		
67	70.7	0.0	105.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.622 min Scan# 1132

Delta R.T. 0.006 min

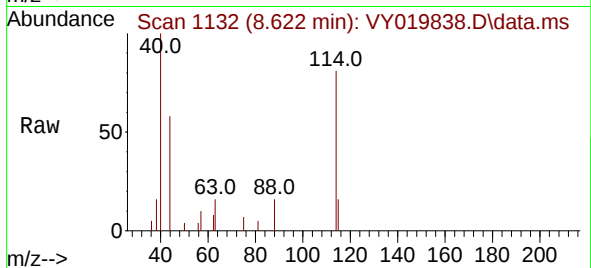
Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

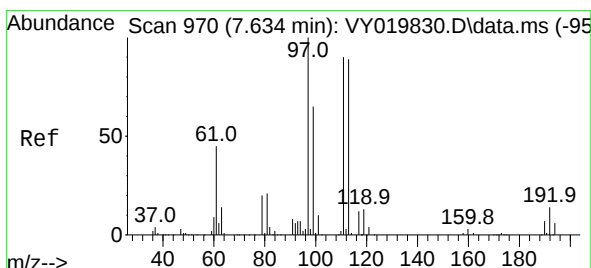
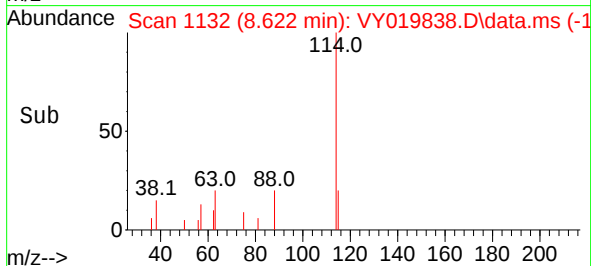
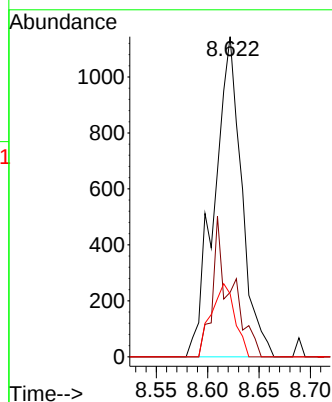
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	114	Resp:	2122
Ion Ratio	100	Lower	Upper
63	20.1	0.0	43.8
88	19.7	0.0	32.0



#35

Dibromofluoromethane

Concen: 74.770 ug/l

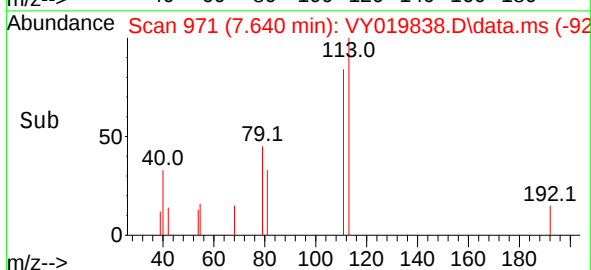
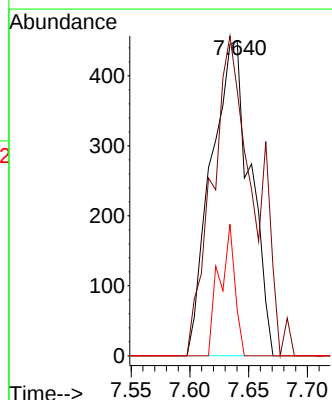
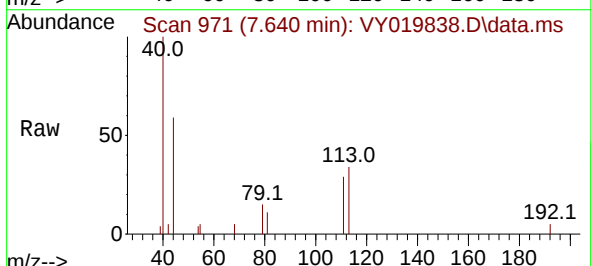
RT: 7.640 min Scan# 971

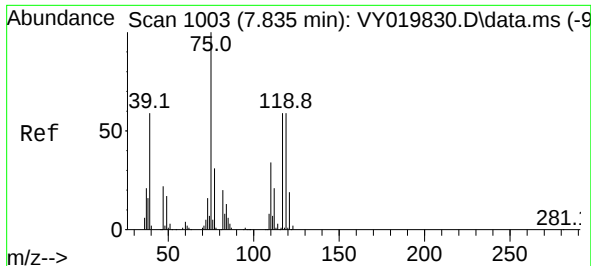
Delta R.T. 0.006 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Tgt Ion:	113	Resp:	1047
Ion Ratio	100	Lower	Upper
111	108.5	82.9	124.3
192	16.6	13.6	20.4

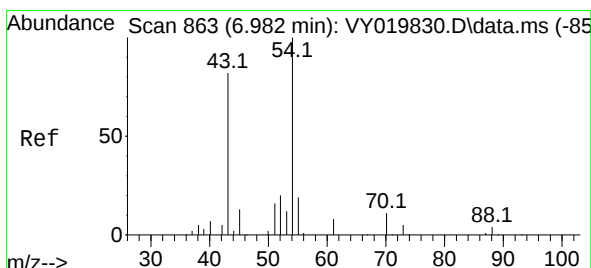
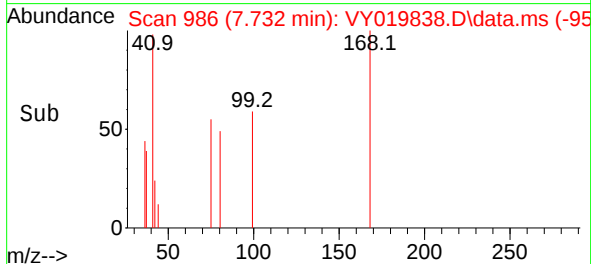
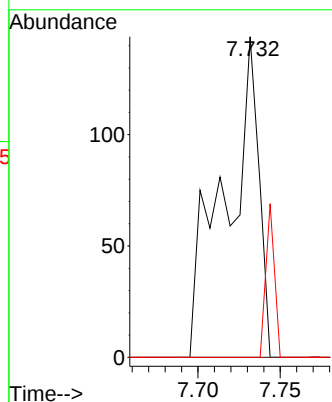
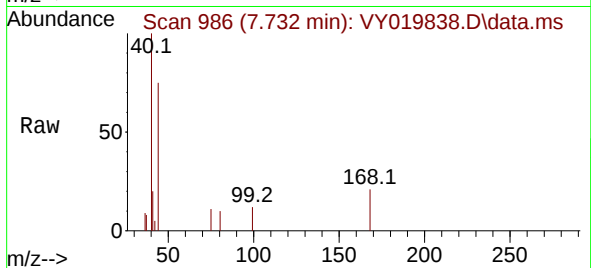




#36
1,1-Dichloropropene
Concen: 10.112 ug/l
RT: 7.732 min Scan# 91
Delta R.T. -0.103 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

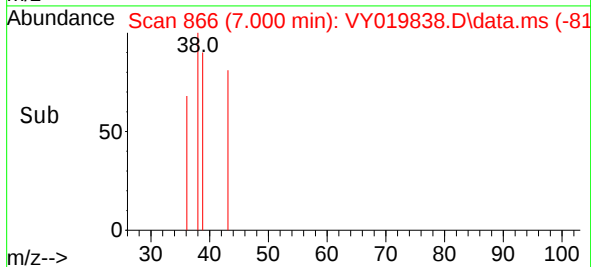
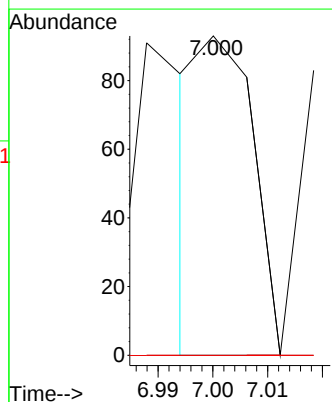
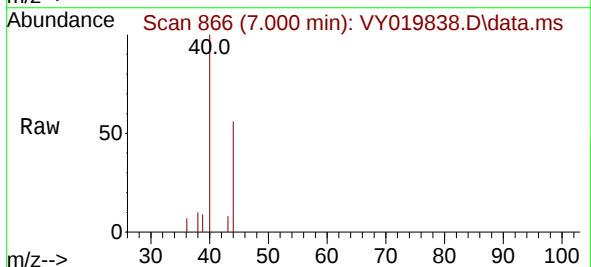
Instrument :
MSVOA_Y
ClientSampleId :

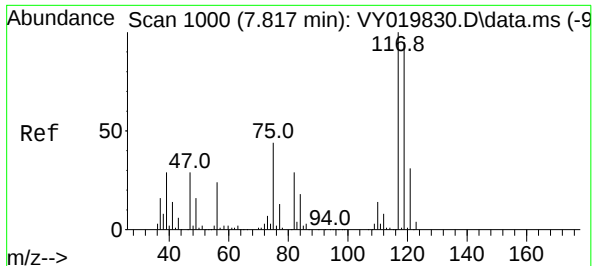
Tgt Ion: 75 Resp: 204
Ion Ratio Lower Upper
75 100
110 0.0 16.6 49.8#
77 12.3 24.6 36.8#



#37
Ethyl Acetate
Concen: 6.084 ug/l
RT: 7.000 min Scan# 866
Delta R.T. 0.018 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
61 0.0 10.9 16.3#
70 0.0 7.6 11.4#





#38

Carbon Tetrachloride

Concen: 2.035 ug/l

RT: 7.689 min Scan# 91

Delta R.T. -0.128 min

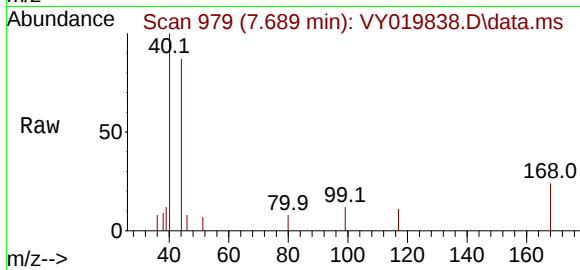
Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

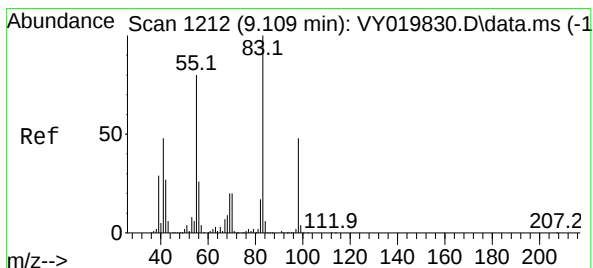
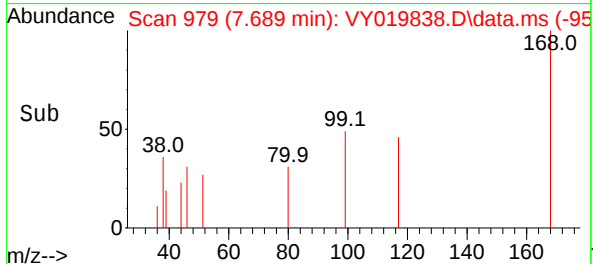
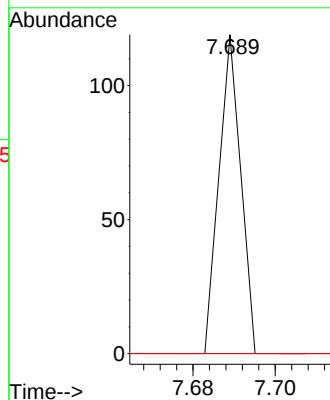
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	117	Resp:	44
Ion	Ratio	Lower	Upper
117	100		
119	0.0	76.2	114.4#
121	0.0	25.0	37.4#



#39

Methylcyclohexane

Concen: 2.597 ug/l

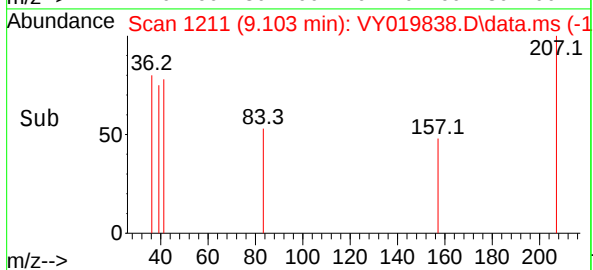
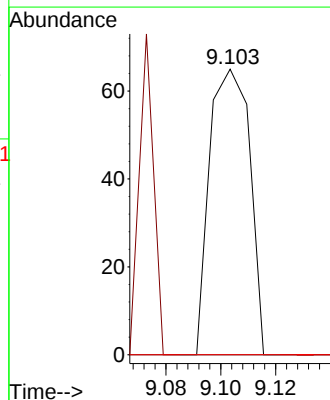
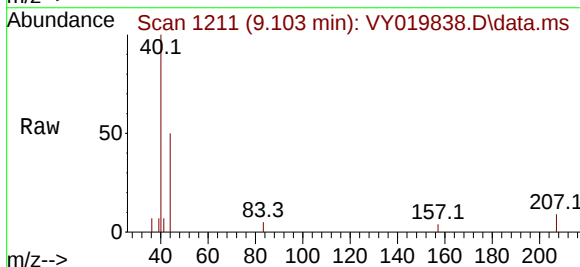
RT: 9.103 min Scan# 1211

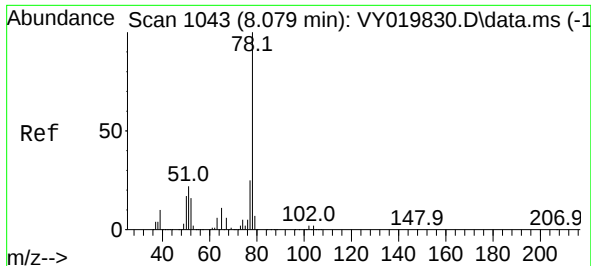
Delta R.T. -0.006 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Tgt Ion:	83	Resp:	66
Ion	Ratio	Lower	Upper
83	100		
55	0.0	63.7	95.5#
98	0.0	38.3	57.5#





#40

Benzene

Concen: 1.523 ug/l

RT: 8.067 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Instrument :

MSVOA_Y

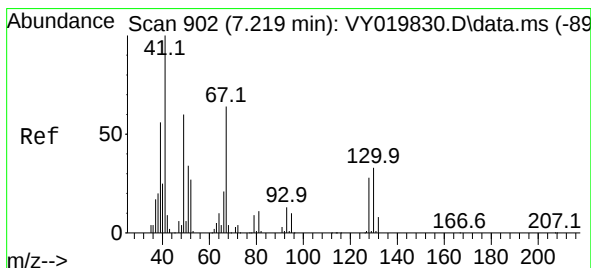
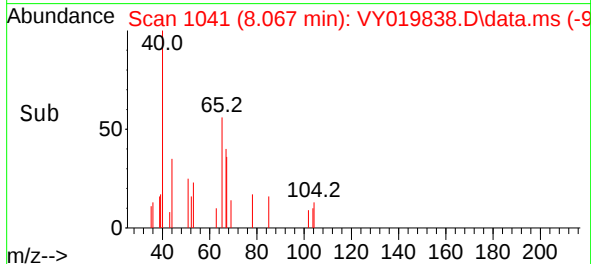
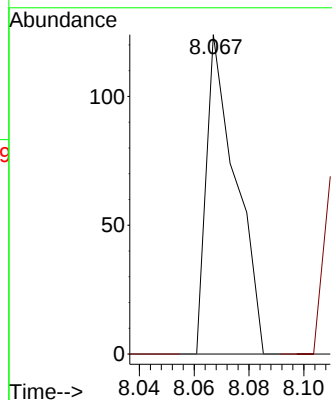
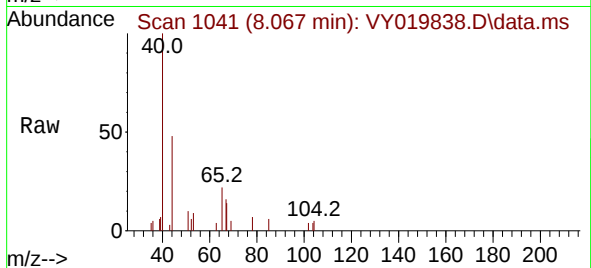
ClientSampleId :

Tgt Ion: 78 Resp: 93

Ion Ratio Lower Upper

78 100

77 0.0 19.6 29.4#



#41

Methacrylonitrile

Concen: 19.145 ug/l

RT: 7.226 min Scan# 903

Delta R.T. 0.006 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Tgt Ion: 41 Resp: 109

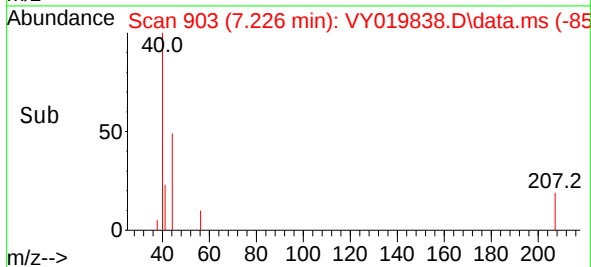
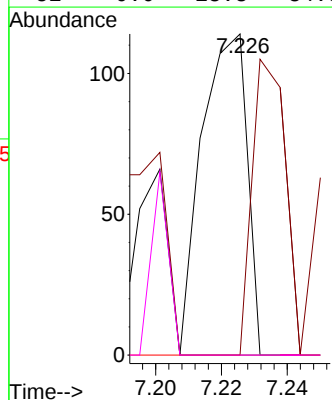
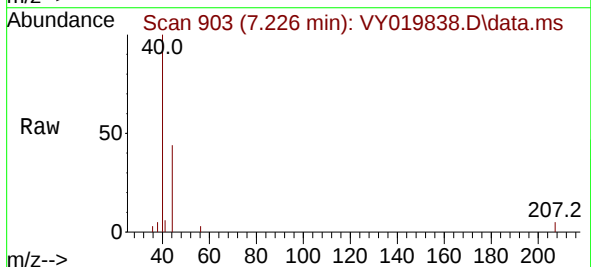
Ion Ratio Lower Upper

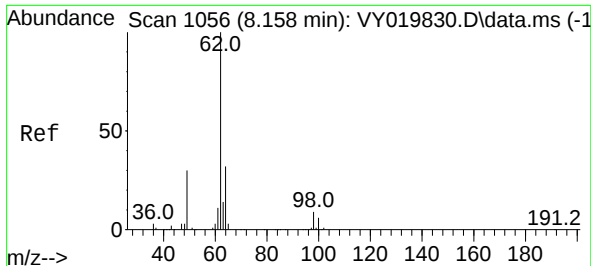
41 100

39 67.0 43.9 65.9#

67 0.0 53.2 79.8#

52 0.0 23.3 34.9#

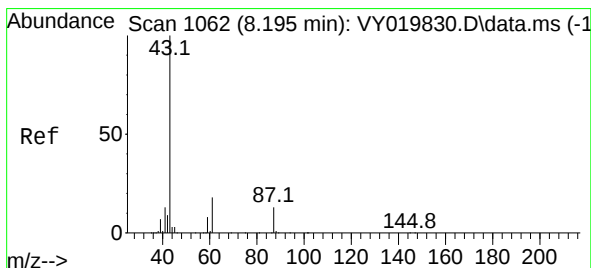
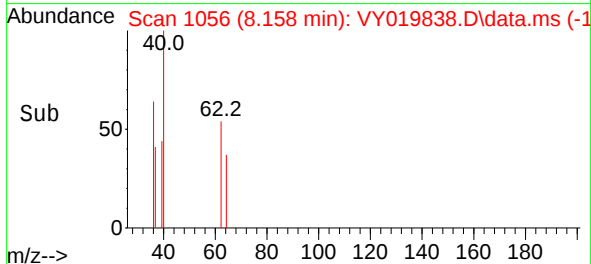
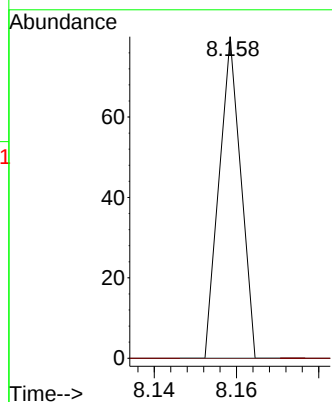
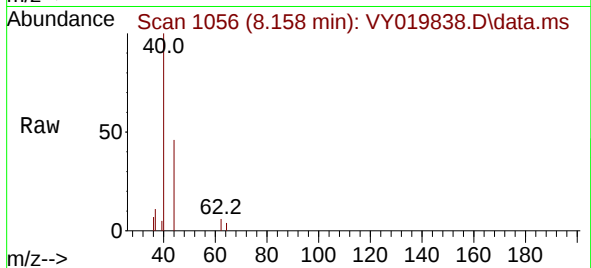




#42
1,2-Dichloroethane
Concen: 1.653 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

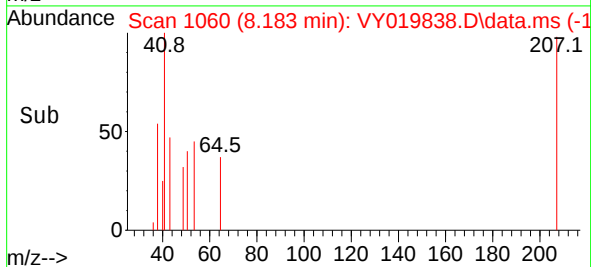
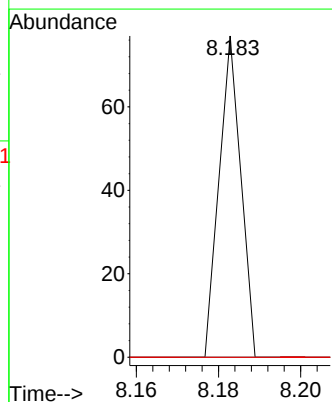
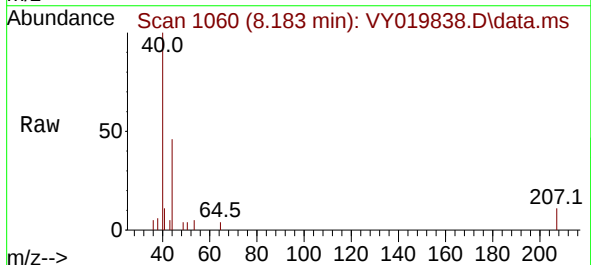
Instrument :
MSVOA_Y
ClientSampleId :

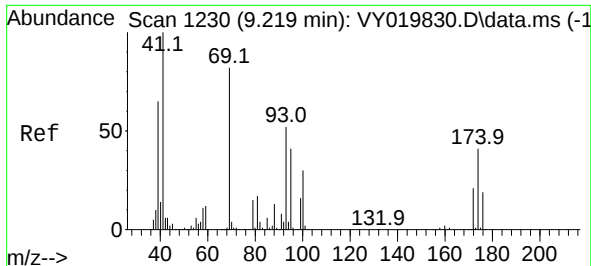
Tgt Ion: 62 Resp: 29
Ion Ratio Lower Upper
62 100
98 0.0 0.0 17.8



#43
Isopropyl Acetate
Concen: 1.305 ug/l
RT: 8.183 min Scan# 1060
Delta R.T. -0.012 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 43 Resp: 28
Ion Ratio Lower Upper
43 100
61 0.0 15.5 23.3#
87 0.0 9.9 14.9#





#48

Methyl methacrylate

Concen: 7.948 ug/l

RT: 9.213 min Scan# 11

Delta R.T. -0.006 min MSVOA_Y

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

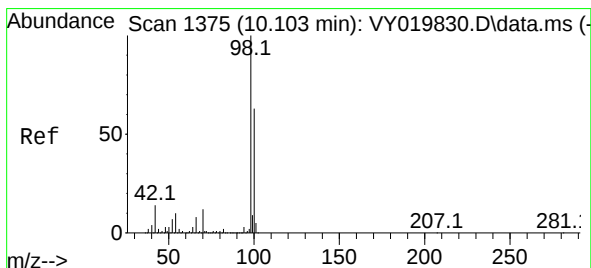
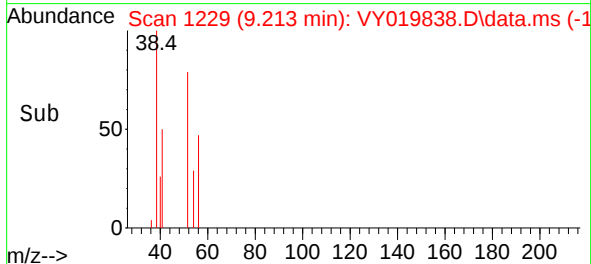
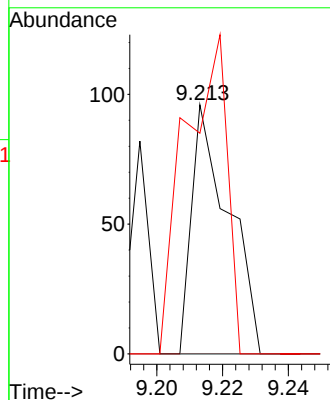
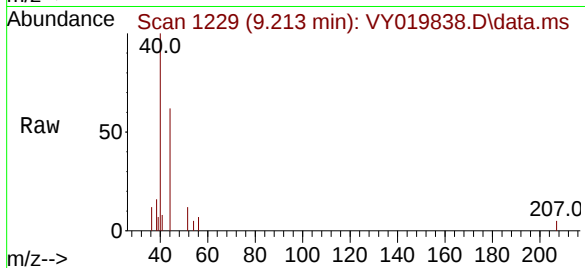
Tgt Ion: 41 Resp: 75

Ion Ratio Lower Upper

41 100

69 0.0 66.3 99.5#

39 145.3 50.2 75.4#



#50

Toluene-d8

Concen: 1.547 ug/l

RT: 10.189 min Scan# 1389

Delta R.T. 0.085 min

Lab File: VY019838.D

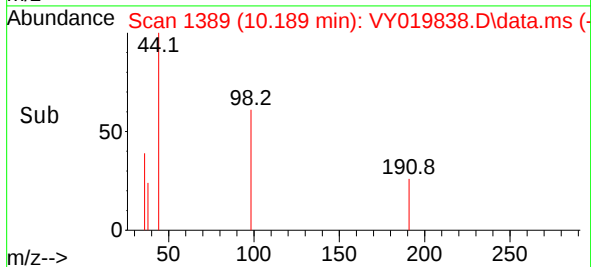
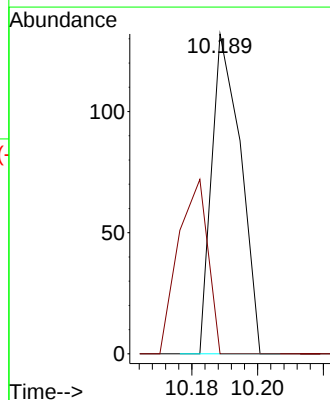
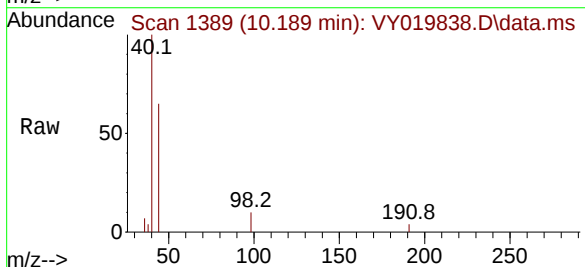
Acq: 09 Oct 2024 17:27

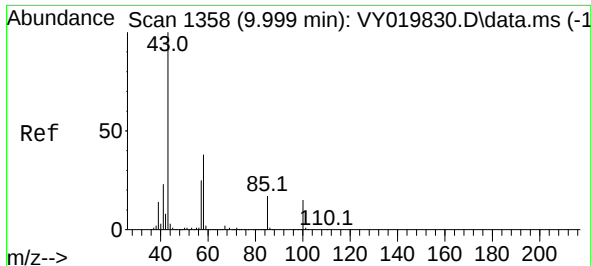
Tgt Ion: 98 Resp: 80

Ion Ratio Lower Upper

98 100

100 56.3 51.1 76.7

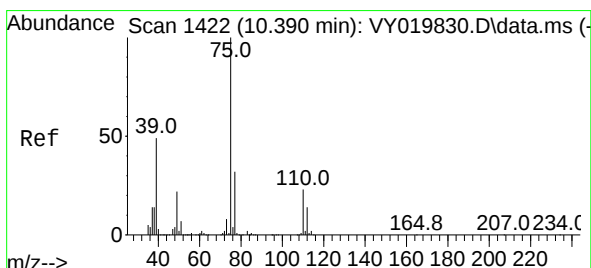
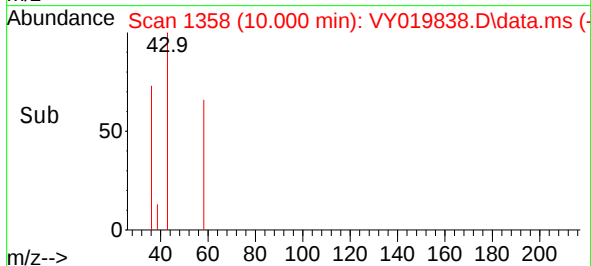
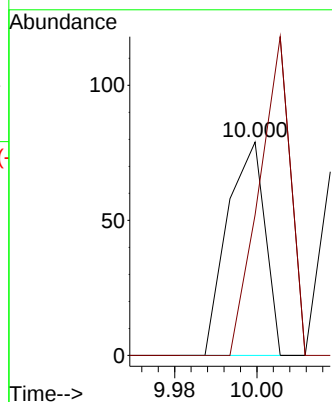
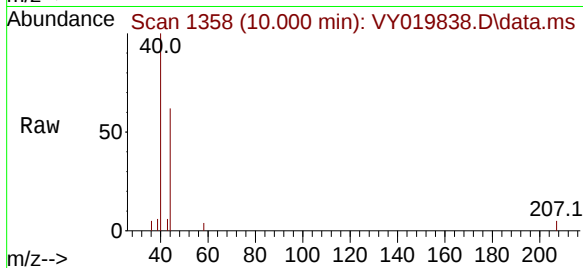




#51
4-Methyl-2-Pentanone
Concen: 4.569 ug/l
RT: 10.000 min Scan# 1447
Delta R.T. 0.000 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

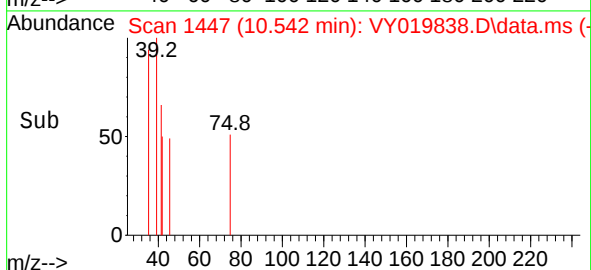
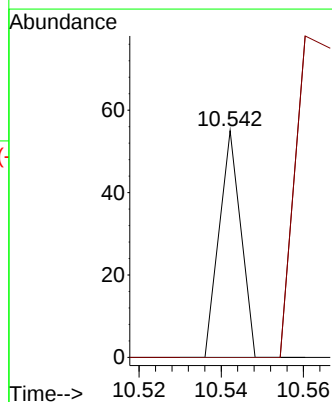
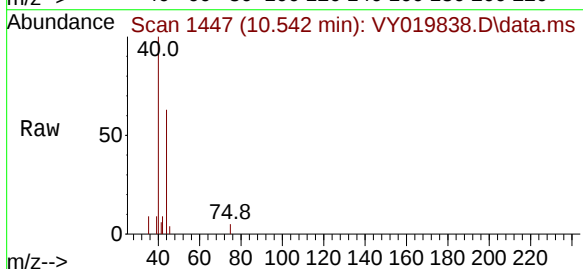
Instrument :
MSVOA_Y
ClientSampleId :

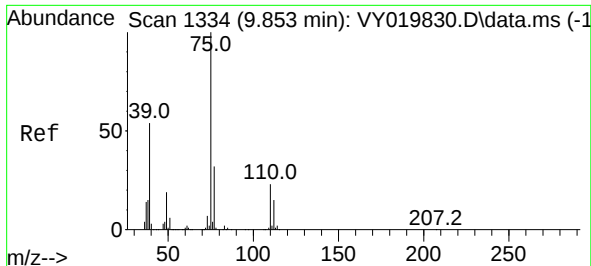
Tgt Ion: 43 Resp: 50
Ion Ratio Lower Upper
43 100
58 124.0 30.4 45.6#



#53
t-1,3-Dichloropropene
Concen: 1.003 ug/l
RT: 10.542 min Scan# 1447
Delta R.T. 0.153 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 75 Resp: 20
Ion Ratio Lower Upper
75 100
77 0.0 25.2 37.8#

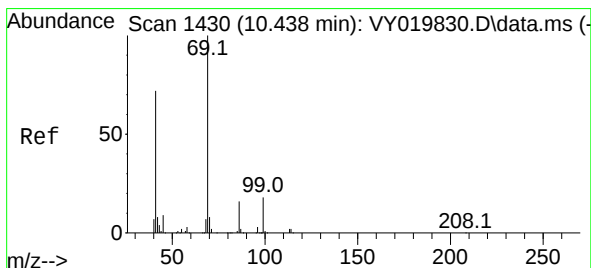
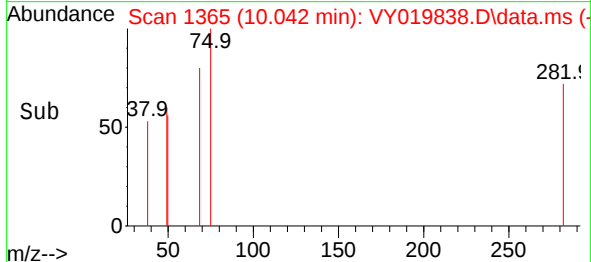
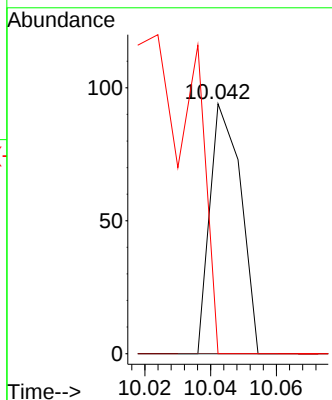
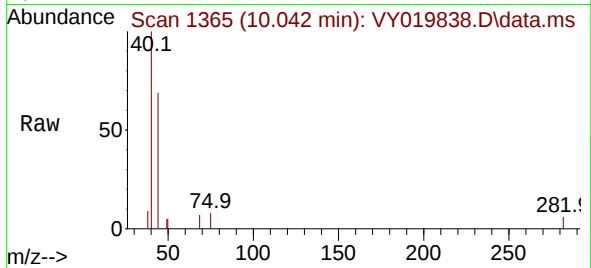




#54
cis-1,3-Dichloropropene
Concen: 2.593 ug/l
RT: 10.042 min Scan# 1465
Delta R.T. 0.189 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

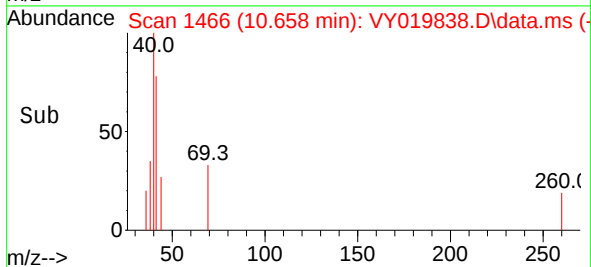
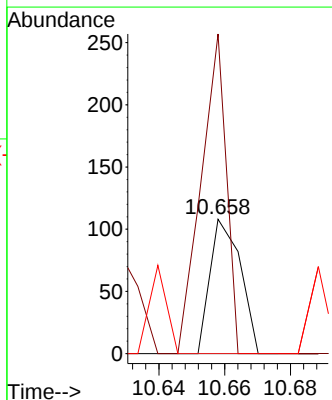
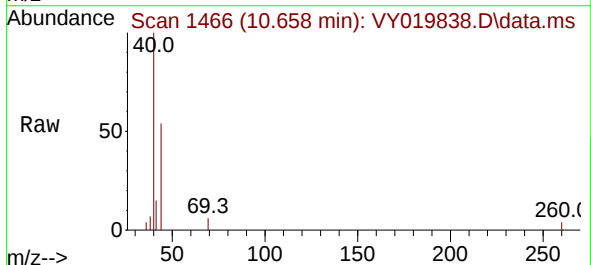
Instrument :
MSVOA_Y
ClientSampleId :

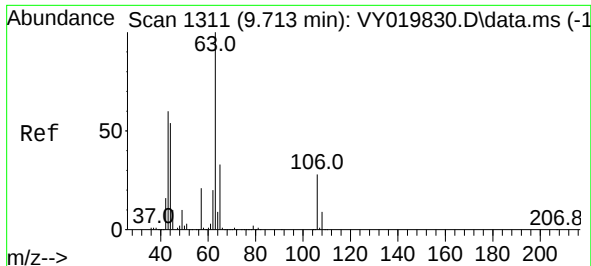
Tgt Ion: 75 Resp: 61
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.2#
39 0.0 43.1 64.7#



#56
Ethyl methacrylate
Concen: 4.435 ug/l
RT: 10.658 min Scan# 1466
Delta R.T. 0.220 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 69 Resp: 70
Ion Ratio Lower Upper
69 100
41 195.7 55.2 82.8#
39 0.0 33.0 49.4#

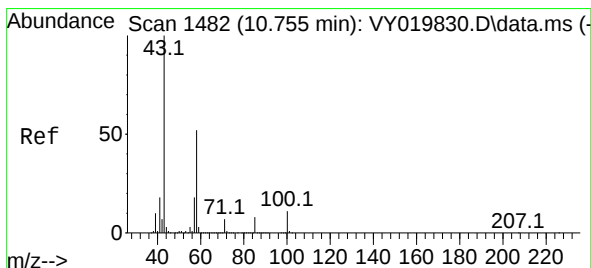
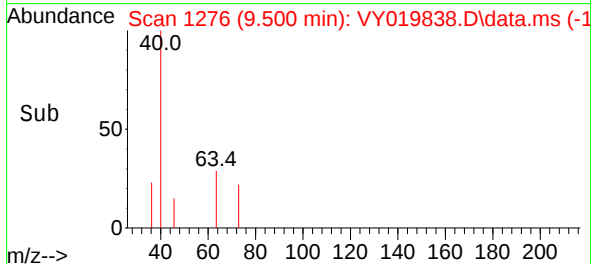
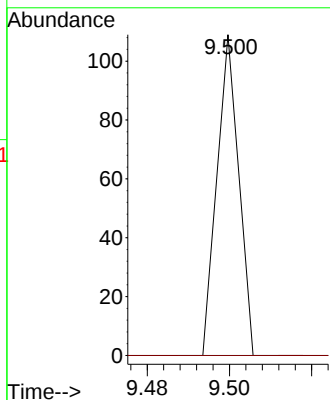
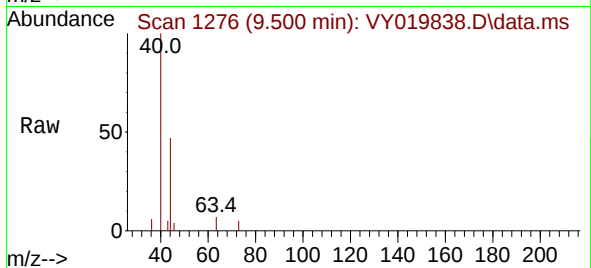




#58
2-Chloroethyl Vinyl ether
Concen: 5.444 ug/l
RT: 9.500 min Scan# 11
Delta R.T. -0.213 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

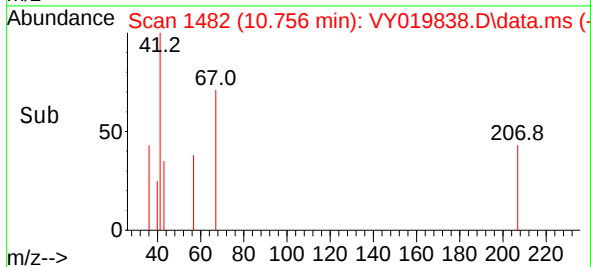
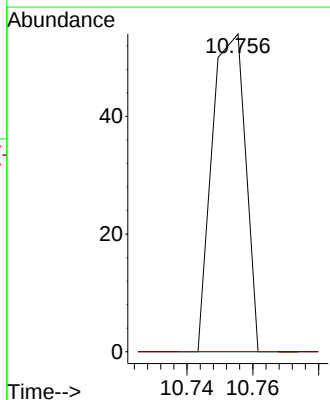
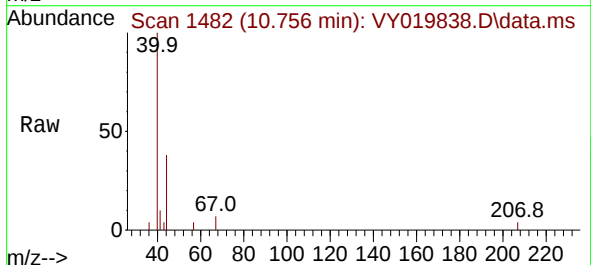
Instrument :
MSVOA_Y
ClientSampleId :

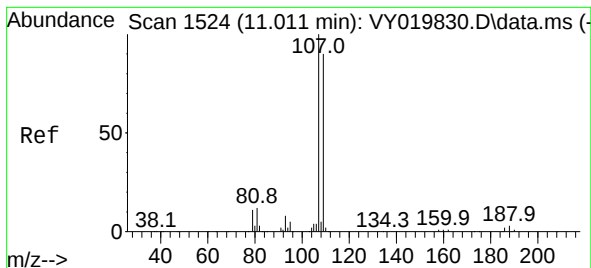
Tgt Ion: 63 Resp: 40
Ion Ratio Lower Upper
63 100
106 0.0 21.7 32.5#



#59
2-Hexanone
Concen: 4.862 ug/l
RT: 10.756 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 43 Resp: 38
Ion Ratio Lower Upper
43 100
58 0.0 26.4 79.2#

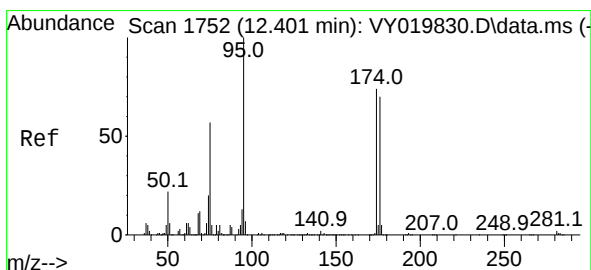
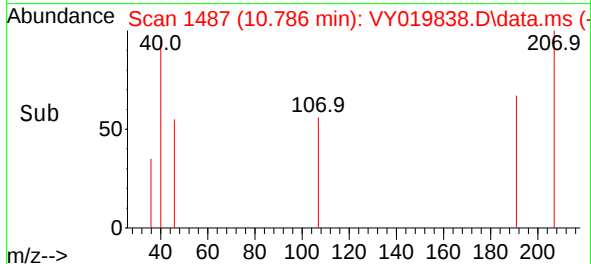
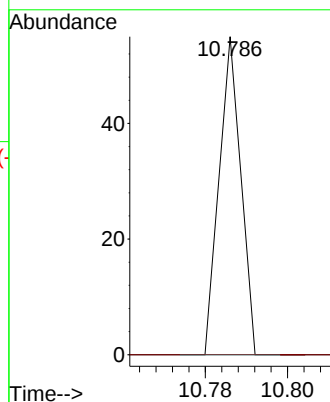
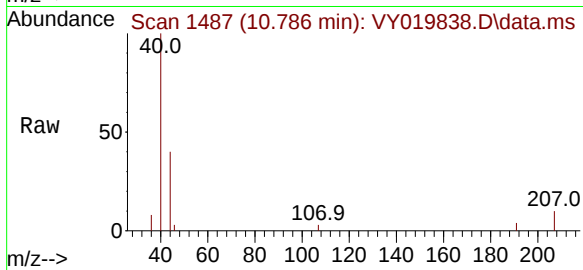




#61
1,2-Dibromoethane
Concen: 2.012 ug/l
RT: 10.786 min Scan# 1487
Delta R.T. -0.225 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

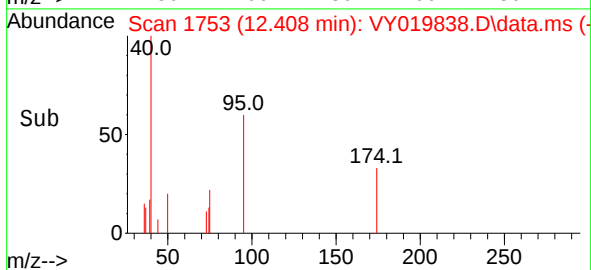
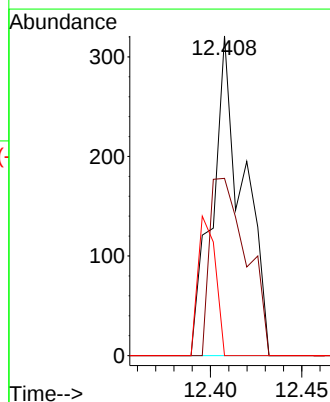
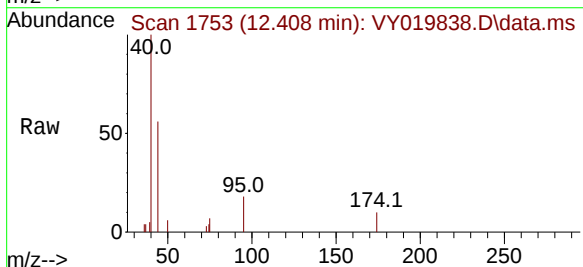
Instrument :
MSVOA_Y
ClientSampleId :

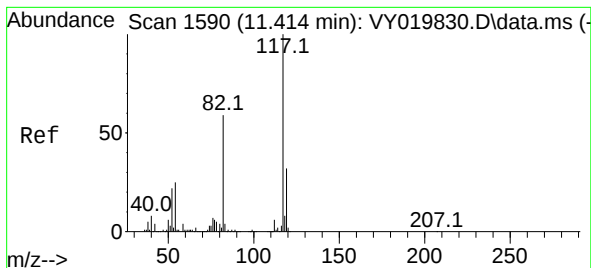
Tgt Ion:107 Resp: 20
Ion Ratio Lower Upper
107 100
109 0.0 74.4 111.6#



#62
4-Bromofluorobenzene
Concen: 20.338 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 95 Resp: 380
Ion Ratio Lower Upper
95 100
174 65.8 0.0 148.0
176 24.5 0.0 142.4

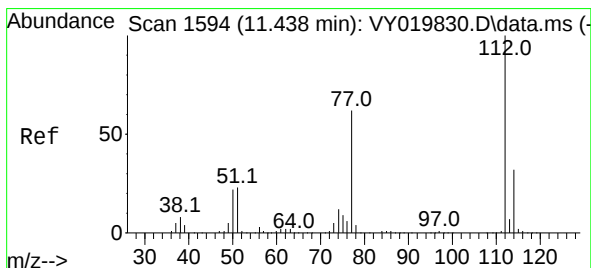
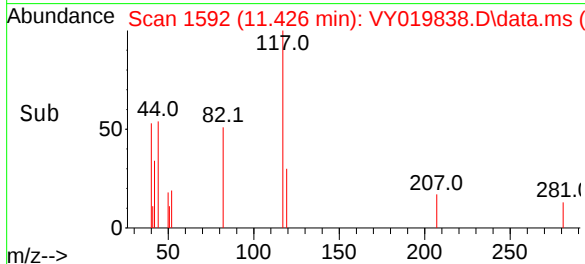
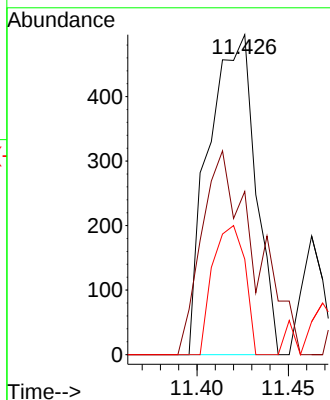
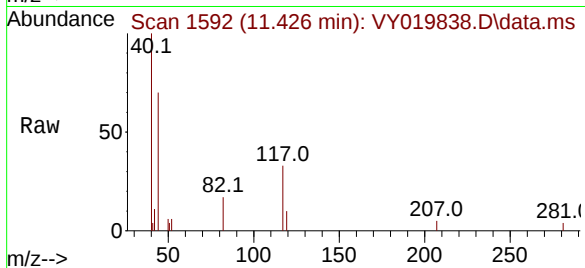




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.426 min Scan# 1592
Delta R.T. 0.012 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

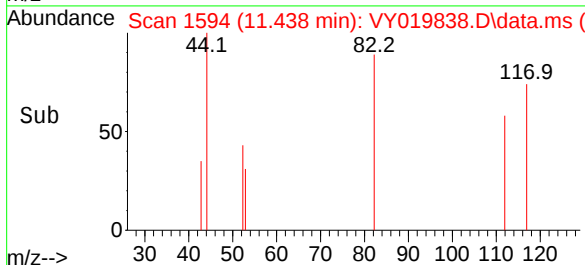
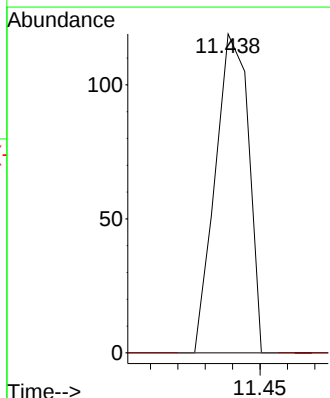
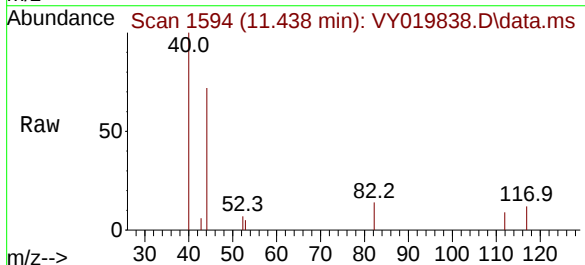
Instrument :
MSVOA_Y
ClientSampleId :

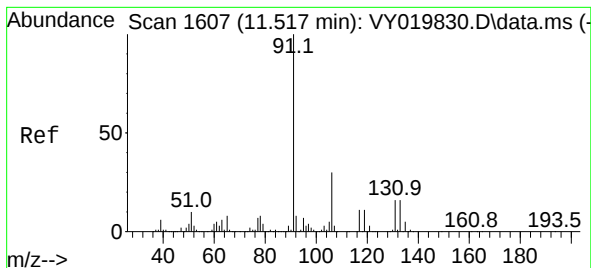
Tgt Ion:117 Resp: 886
Ion Ratio Lower Upper
117 100
82 51.0 46.9 70.3
119 29.8 25.4 38.2



#65
Chlorobenzene
Concen: 4.984 ug/l
RT: 11.438 min Scan# 1594
Delta R.T. 0.000 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion:112 Resp: 101
Ion Ratio Lower Upper
112 100
114 0.0 25.8 38.8#





#67

Ethyl Benzene

Concen: 3.124 ug/l

RT: 11.511 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Instrument :

MSVOA_Y

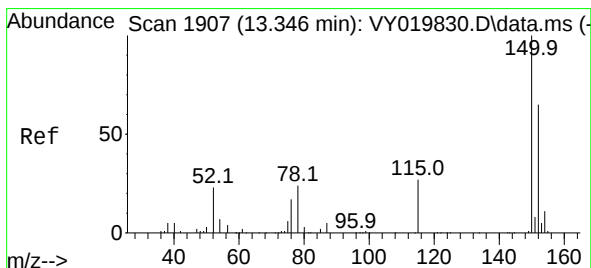
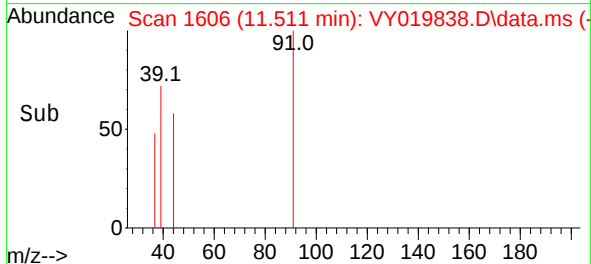
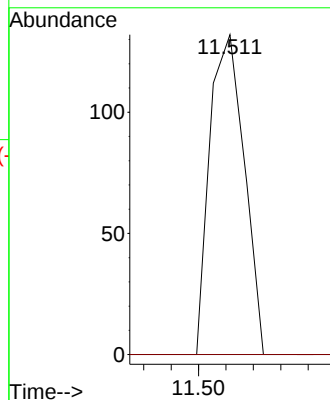
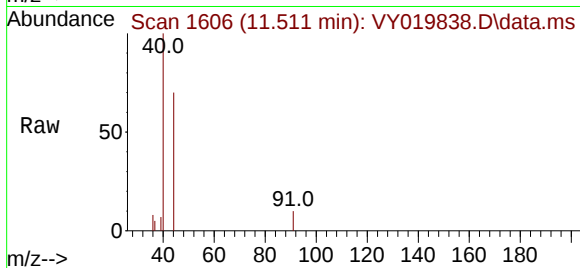
ClientSampleId :

Tgt Ion: 91 Resp: 115

Ion Ratio Lower Upper

91 100

106 0.0 23.7 35.5#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.353 min Scan# 1908

Delta R.T. 0.006 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

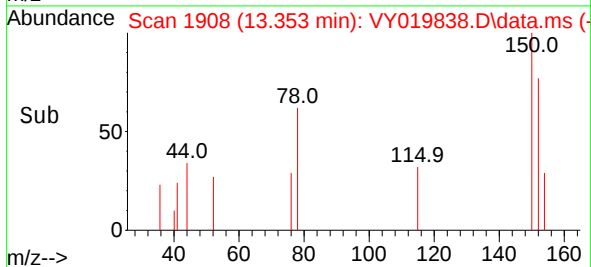
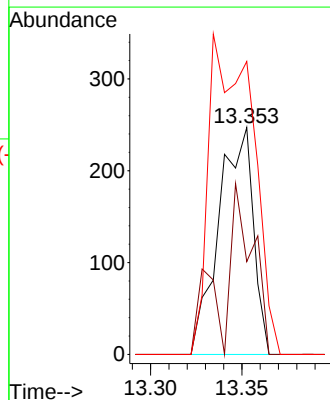
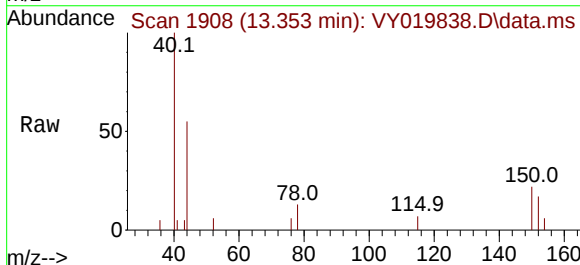
Tgt Ion:152 Resp: 325

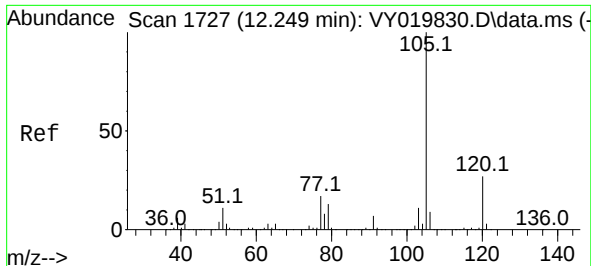
Ion Ratio Lower Upper

152 100

115 66.5 30.8 92.3

150 176.9 0.0 352.8

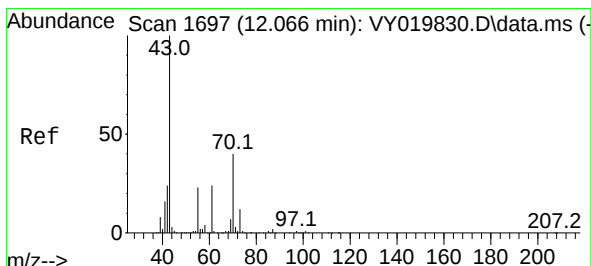
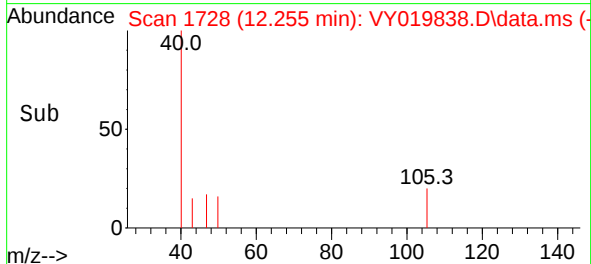
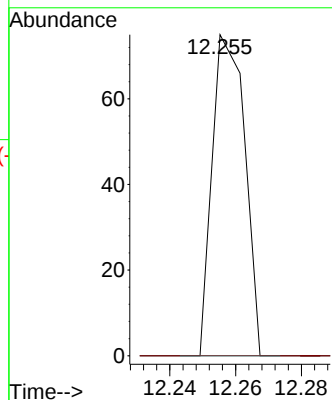
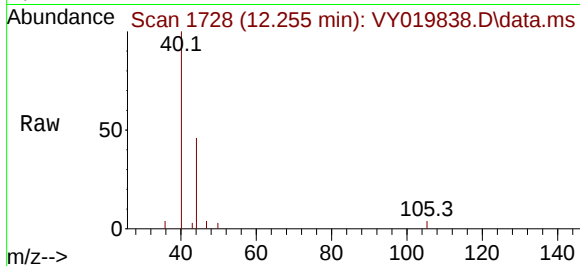




#73
Isopropylbenzene
Concen: 1.902 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

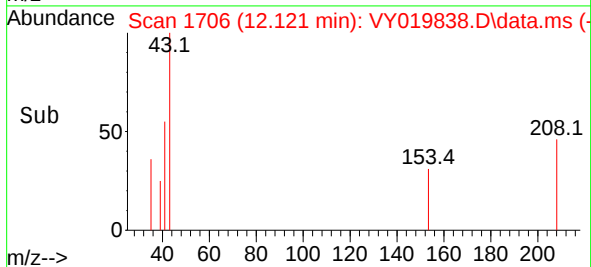
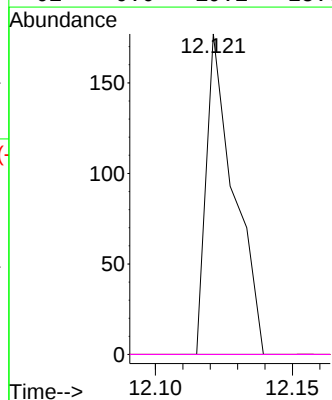
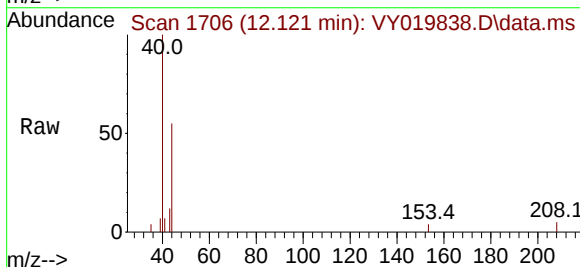
Instrument :
MSVOA_Y
ClientSampleId :

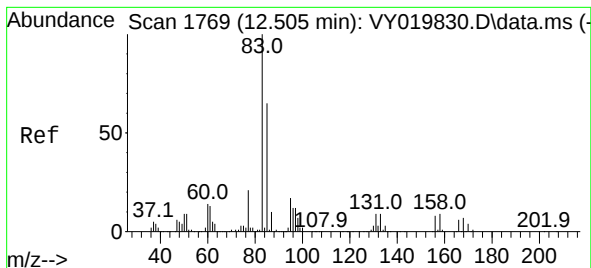
Tgt Ion:105 Resp: 52
Ion Ratio Lower Upper
105 100
120 0.0 13.0 38.9#



#74
N-ethyl acetate
Concen: 17.126 ug/l
RT: 12.121 min Scan# 1706
Delta R.T. 0.055 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
70 0.0 32.8 49.2#
55 0.0 19.3 28.9#
61 0.0 19.1 28.7#





#75

1,1,2,2-Tetrachloroethane

Concen: 7.411 ug/l

RT: 12.493 min Scan# 1767

Delta R.T. -0.012 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

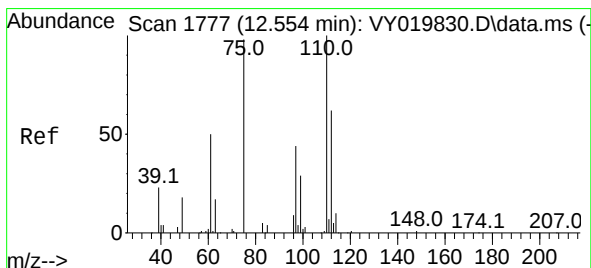
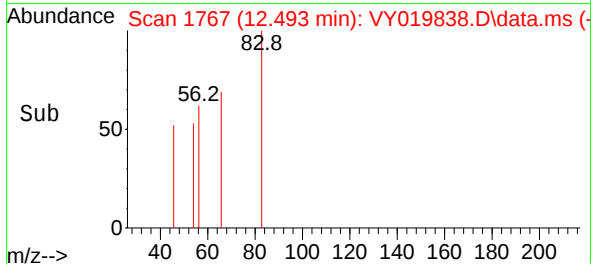
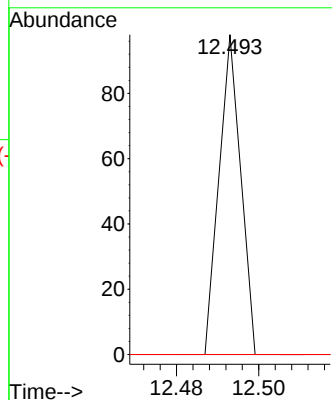
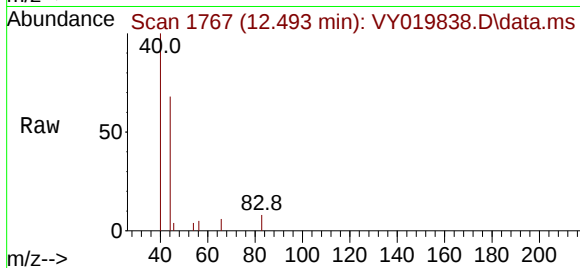
Tgt Ion: 83 Resp: 36

Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.6#

85 0.0 31.7 95.1#



#76

1,2,3-Trichloropropane

Concen: 10.047 ug/l

RT: 12.554 min Scan# 1777

Delta R.T. 0.000 min

Lab File: VY019838.D

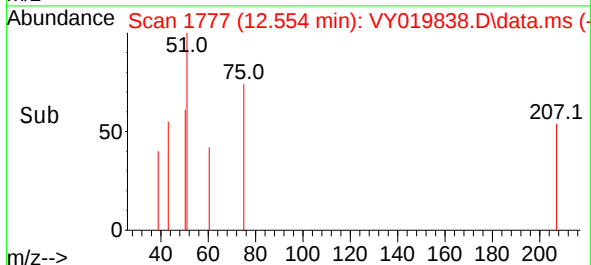
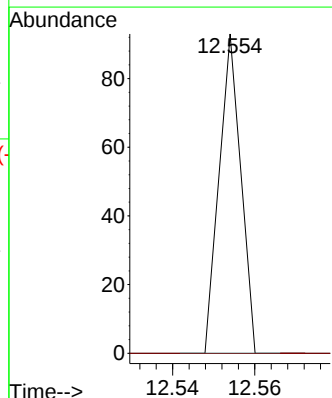
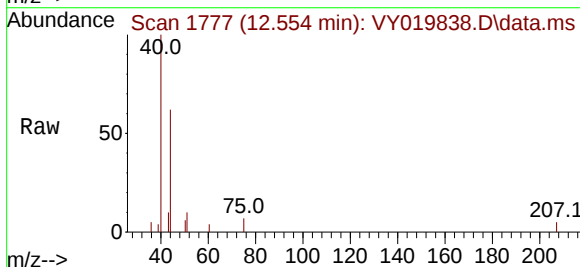
Acq: 09 Oct 2024 17:27

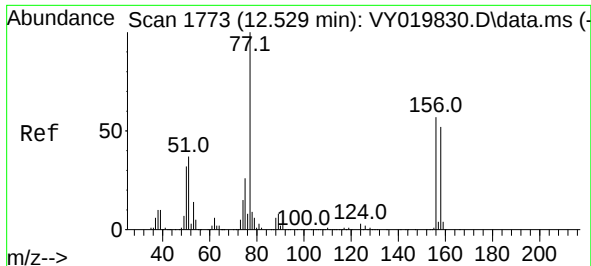
Tgt Ion: 75 Resp: 34

Ion Ratio Lower Upper

75 100

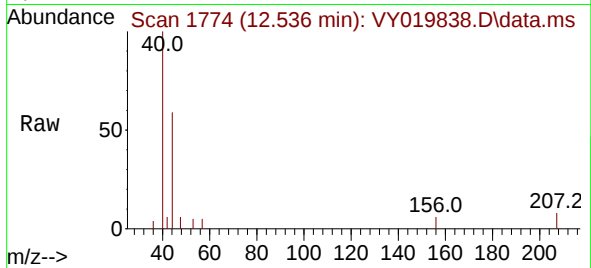
77 0.0 0.0 0.0



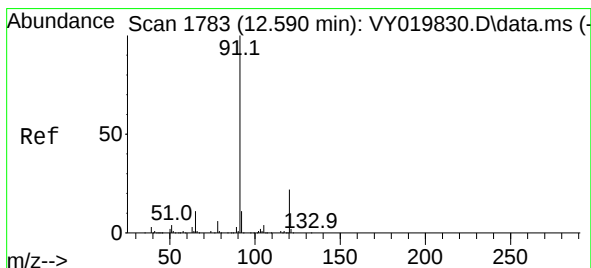
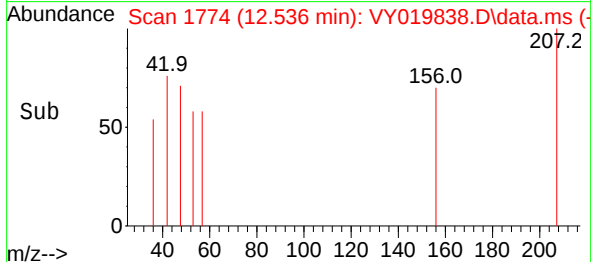
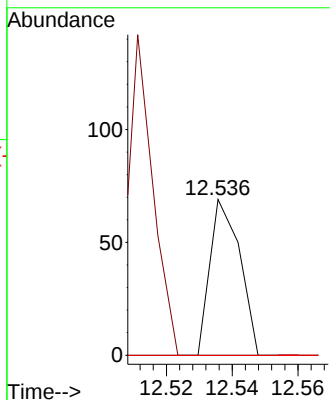


#77
Bromobenzene
Concen: 7.585 ug/l
RT: 12.536 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Instrument :
MSVOA_Y
ClientSampleId :

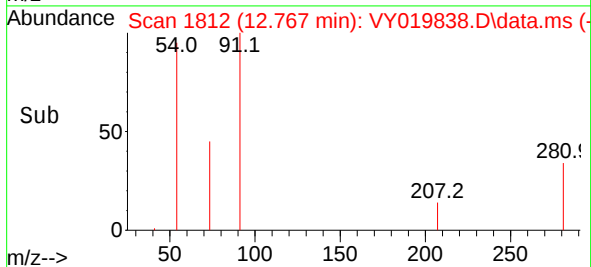
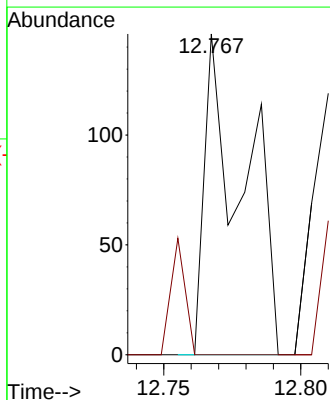
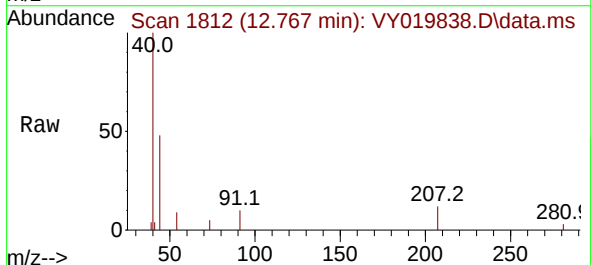


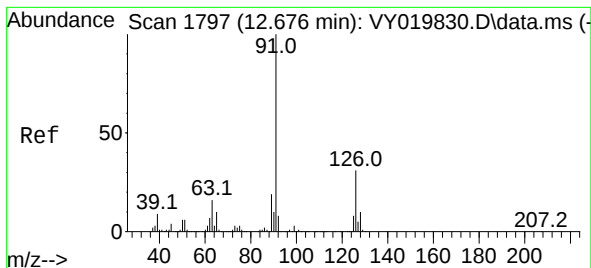
Tgt Ion:156 Resp: 44
Ion Ratio Lower Upper
156 100
77 0.0 101.3 303.9#
158 0.0 47.9 143.6#



#78
n-propylbenzene
Concen: 4.359 ug/l
RT: 12.767 min Scan# 1812
Delta R.T. 0.177 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 91 Resp: 144
Ion Ratio Lower Upper
91 100
120 13.2 10.8 32.4

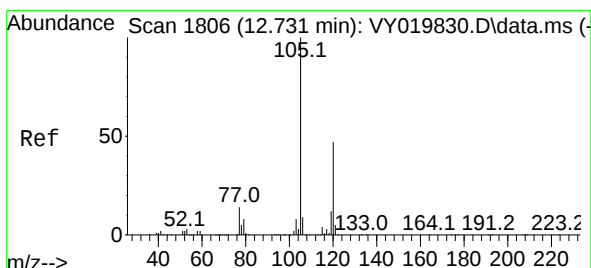
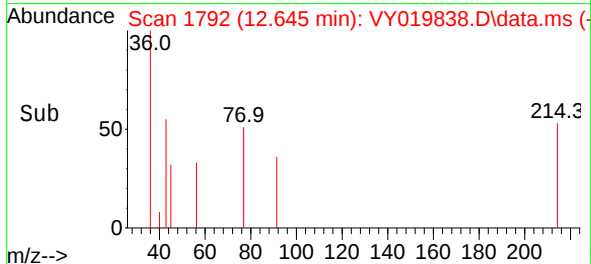
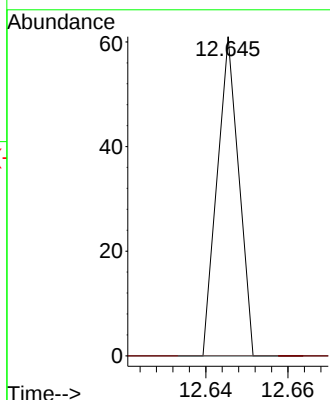
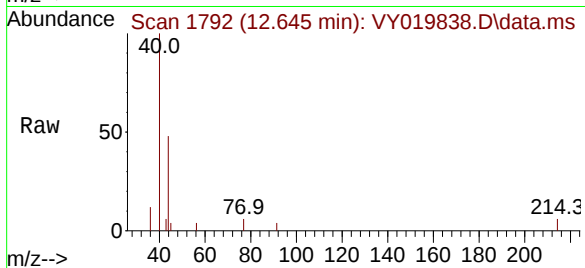




#79
2-Chlorotoluene
Concen: 1.162 ug/l
RT: 12.645 min Scan# 1797
Delta R.T. -0.030 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

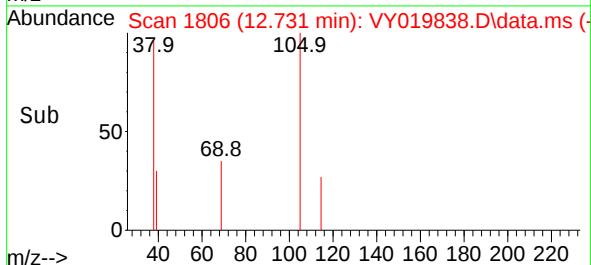
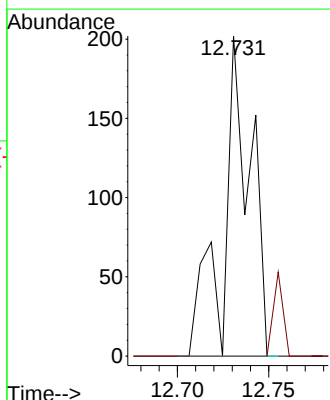
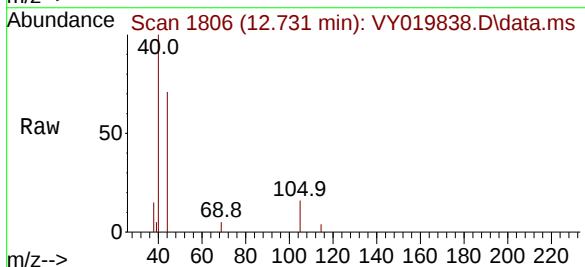
Instrument :
MSVOA_Y
ClientSampleId :

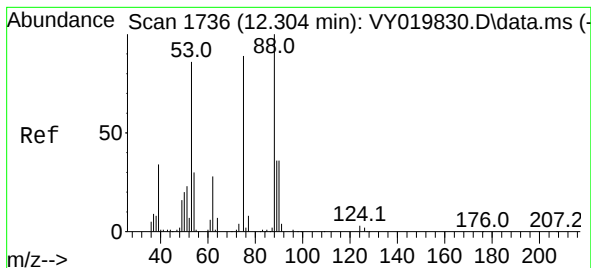
Tgt Ion: 91 Resp: 22
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.2#



#80
1,3,5-Trimethylbenzene
Concen: 9.512 ug/l
RT: 12.731 min Scan# 1806
Delta R.T. 0.000 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

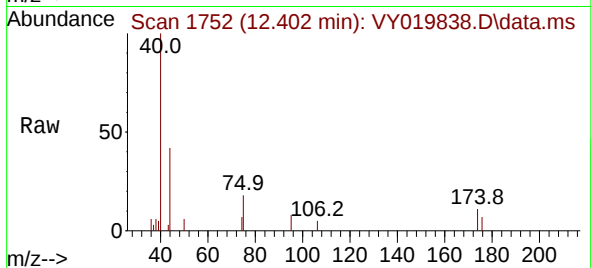
Tgt Ion:105 Resp: 210
Ion Ratio Lower Upper
105 100
120 0.0 23.8 71.5#



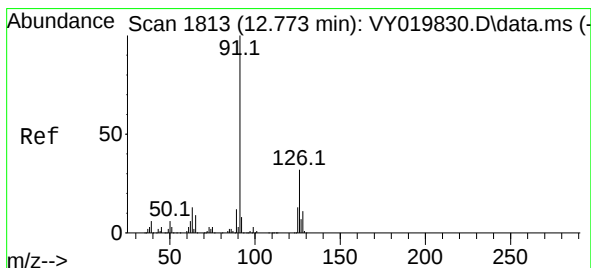
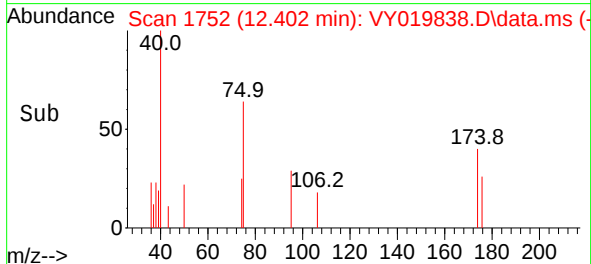
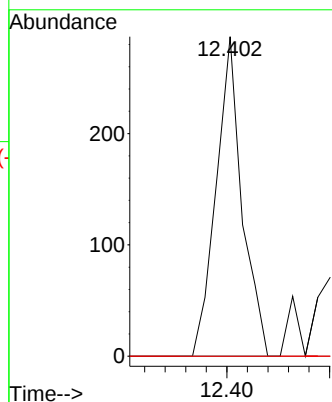


#81
trans-1,4-Dichloro-2-butene
Concen: 159.129 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Instrument :
MSVOA_Y
ClientSampleId :

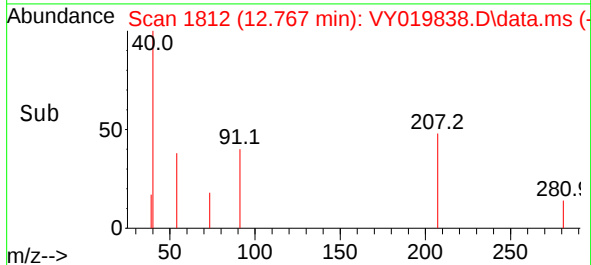
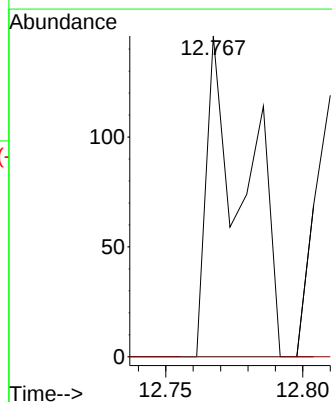
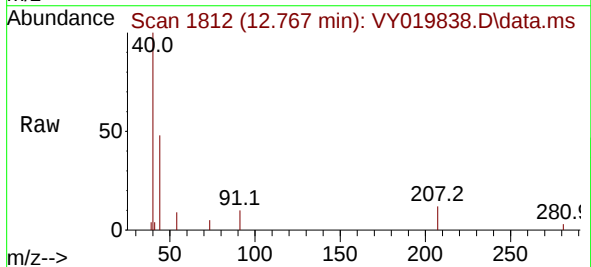


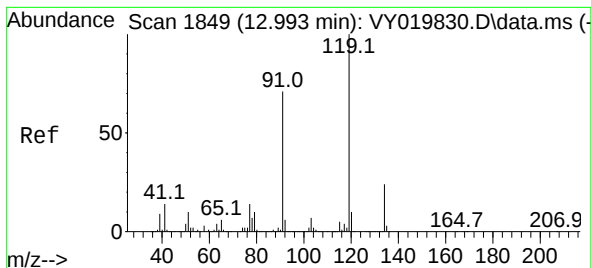
Tgt Ion: 75 Resp: 251
Ion Ratio Lower Upper
75 100
53 0.0 84.7 127.1#
89 0.0 35.4 53.2#



#82
4-Chlorotoluene
Concen: 7.437 ug/l
RT: 12.767 min Scan# 1812
Delta R.T. -0.006 min
Lab File: VY019838.D
Acq: 09 Oct 2024 17:27

Tgt Ion: 91 Resp: 144
Ion Ratio Lower Upper
91 100
126 0.0 16.1 48.3#





#83

tert-Butylbenzene

Concen: 6.371 ug/l

RT: 12.999 min Scan# 1850

Delta R.T. 0.006 min

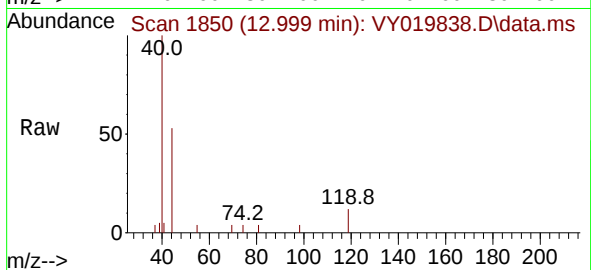
Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :



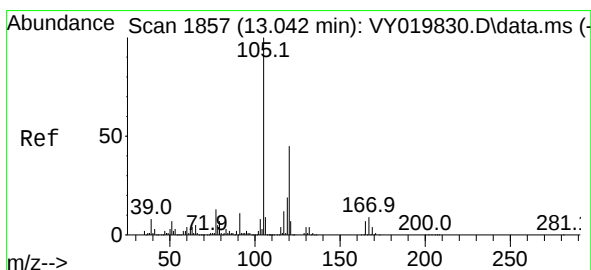
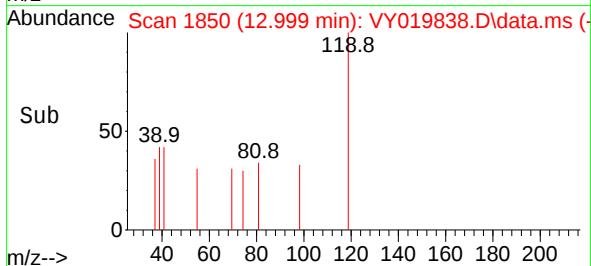
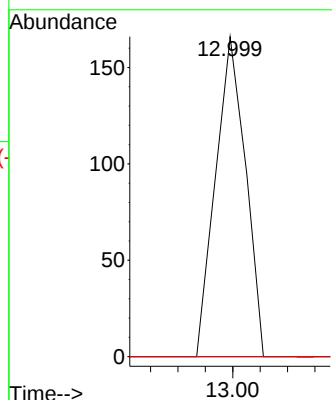
Tgt Ion:119 Resp: 126

Ion Ratio Lower Upper

119 100

91 0.0 34.6 103.8#

134 0.0 13.2 39.6#



#84

1,2,4-Trimethylbenzene

Concen: 7.356 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.000 min

Lab File: VY019838.D

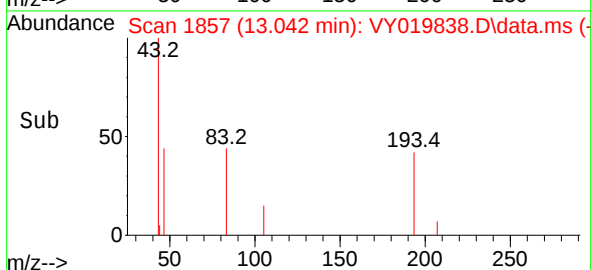
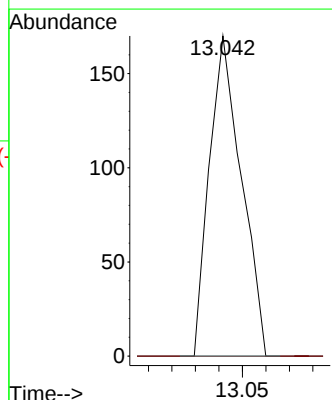
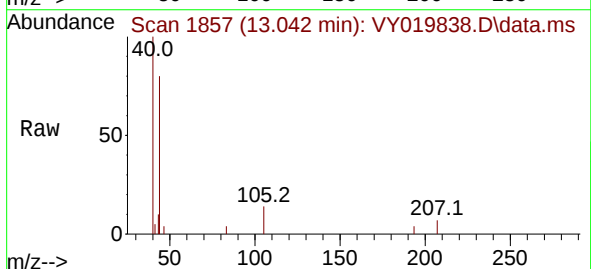
Acq: 09 Oct 2024 17:27

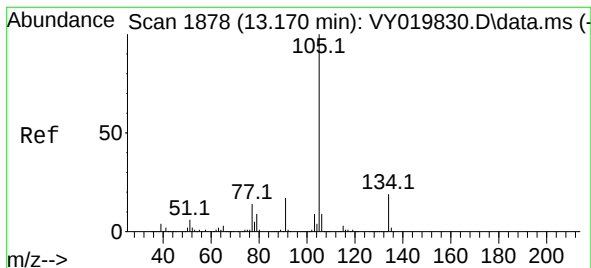
Tgt Ion:105 Resp: 161

Ion Ratio Lower Upper

105 100

120 0.0 22.1 66.3#





#85

sec-Butylbenzene

Concen: 1.929 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.006 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Instrument :

MSVOA_Y

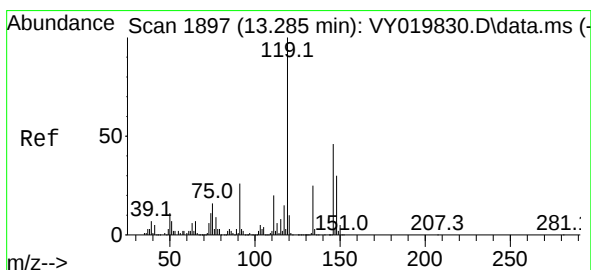
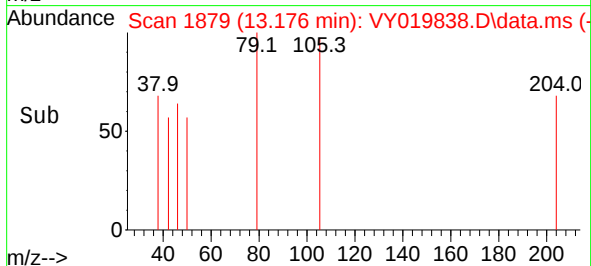
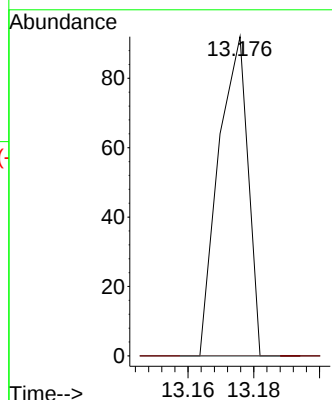
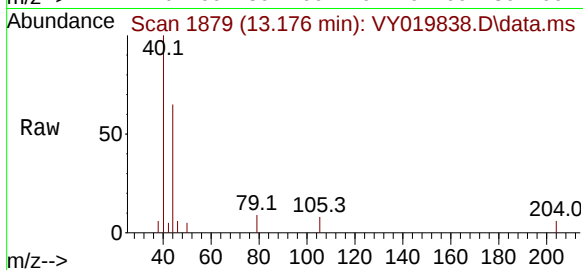
ClientSampleId :

Tgt Ion:105 Resp: 57

Ion Ratio Lower Upper

105 100

134 0.0 9.8 29.3#



#86

p-Isopropyltoluene

Concen: 3.876 ug/l

RT: 13.273 min Scan# 1895

Delta R.T. -0.012 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

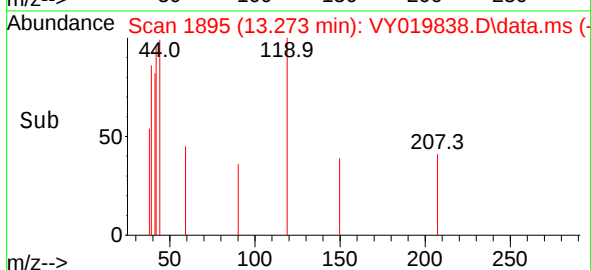
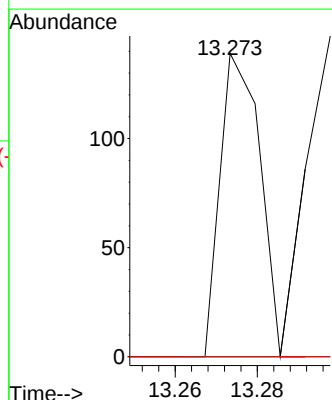
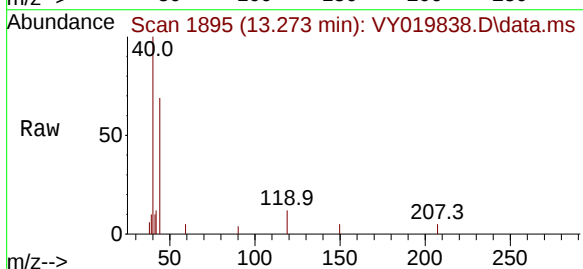
Tgt Ion:119 Resp: 93

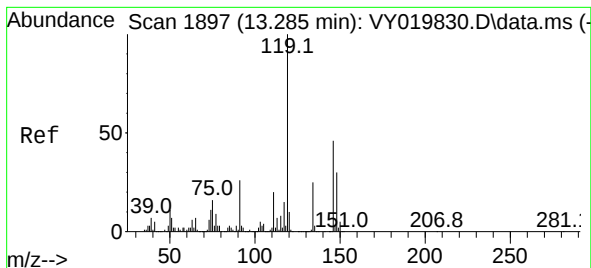
Ion Ratio Lower Upper

119 100

134 0.0 12.8 38.3#

91 0.0 12.7 38.0#





#87

1,3-Dichlorobenzene

Concen: 2.475 ug/l

RT: 13.267 min Scan# 11

Delta R.T. -0.018 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :

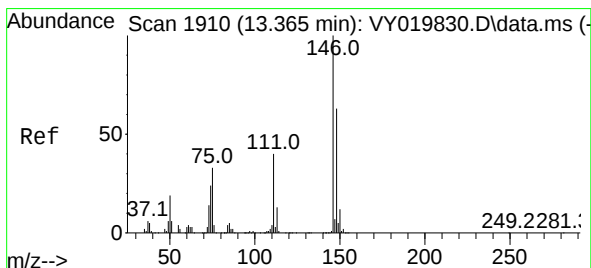
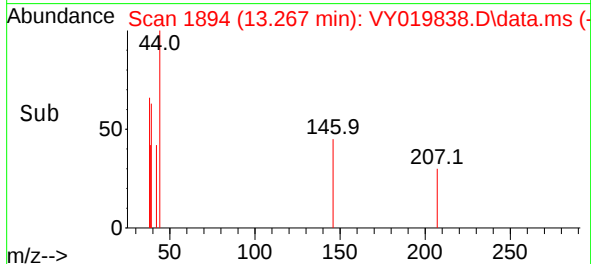
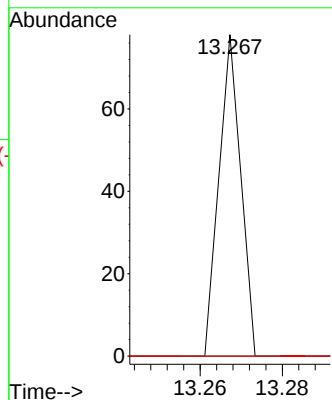
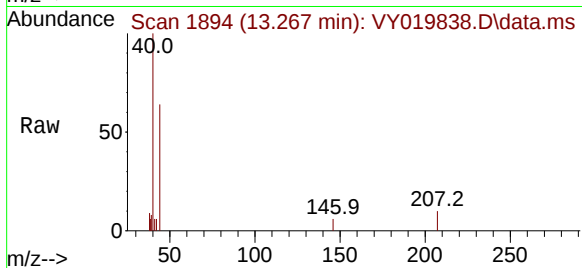
Tgt Ion:146 Resp: 29

Ion Ratio Lower Upper

146 100

111 0.0 21.1 63.1#

148 0.0 32.0 96.2#



#88

1,4-Dichlorobenzene

Concen: 5.387 ug/l

RT: 13.359 min Scan# 1909

Delta R.T. -0.006 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

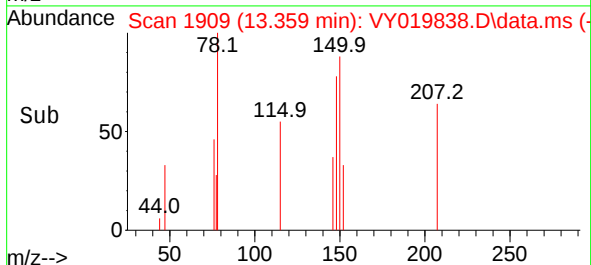
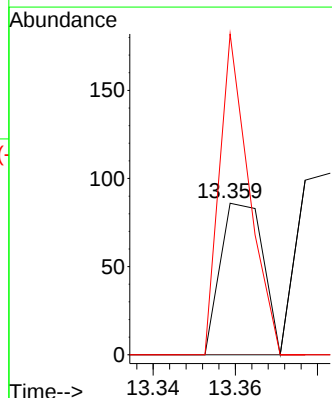
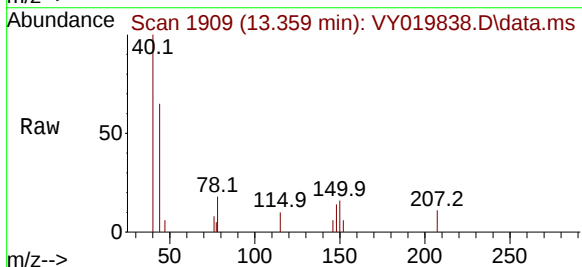
Tgt Ion:146 Resp: 62

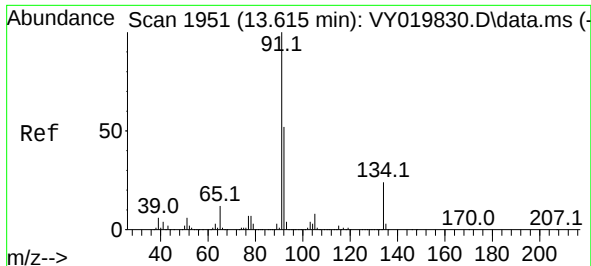
Ion Ratio Lower Upper

146 100

111 0.0 20.3 61.0#

148 146.8 32.0 96.0#





#89

n-Butylbenzene

Concen: 5.719 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. 0.000 min

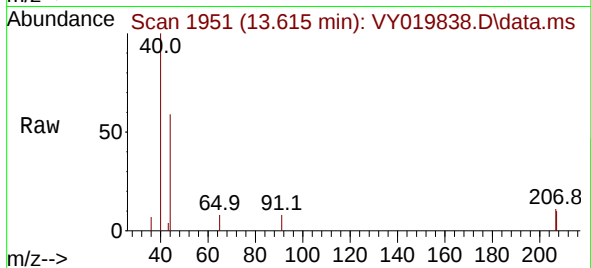
Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

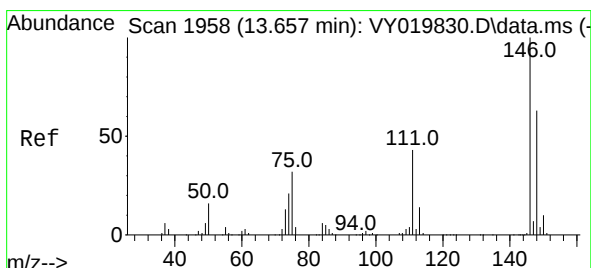
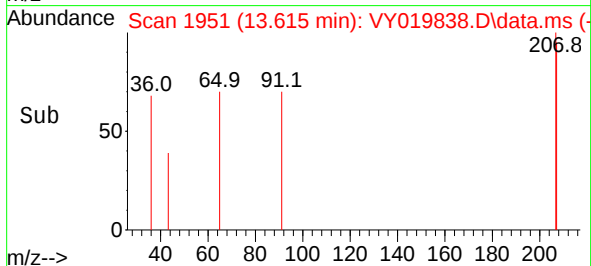
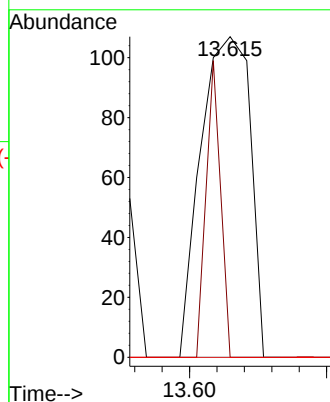
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 91	Resp:	134
Ion	Ratio	Lower Upper
91	100	
92	26.9	26.5 79.4
134	0.0	12.0 36.1#



#91

1,2-Dichlorobenzene

Concen: 13.504 ug/l

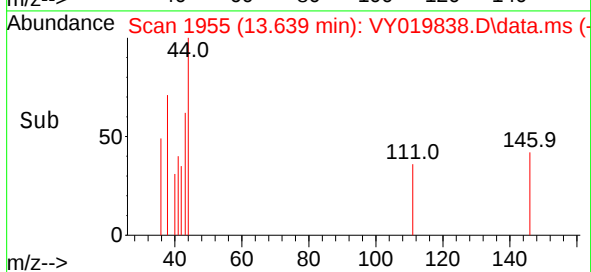
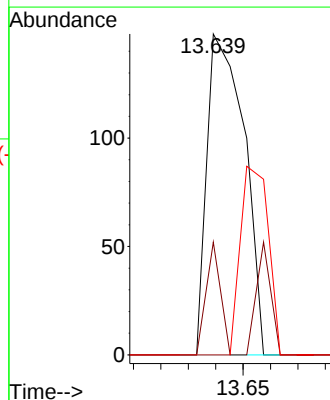
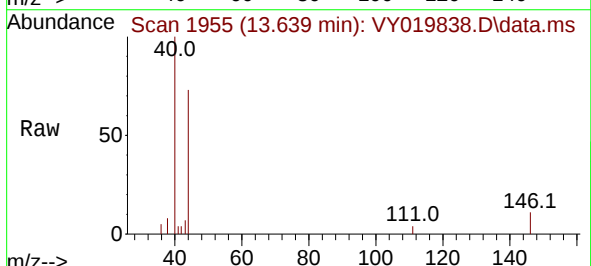
RT: 13.639 min Scan# 1955

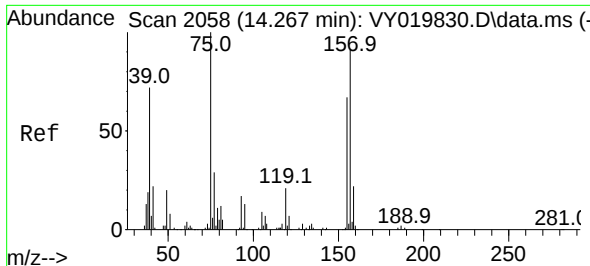
Delta R.T. -0.018 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Tgt Ion: 146	Resp:	139
Ion	Ratio	Lower Upper
146	100	
111	13.7	21.8 65.3#
148	0.0	32.0 96.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 28.379 ug/l

RT: 14.182 min Scan# 2058

Delta R.T. -0.085 min

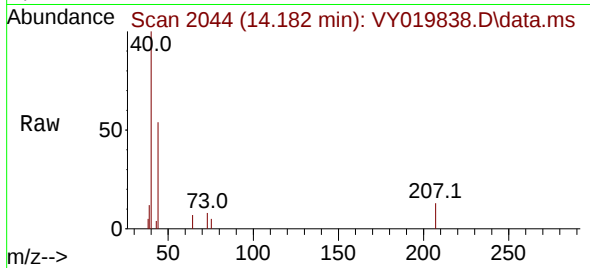
Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

Instrument :

MSVOA_Y

ClientSampleId :



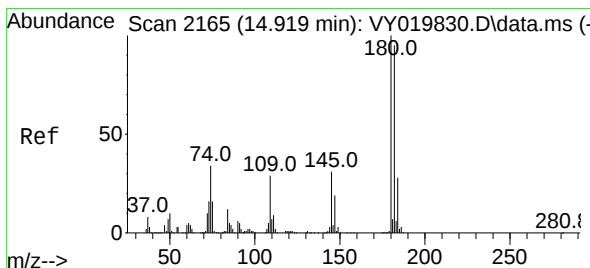
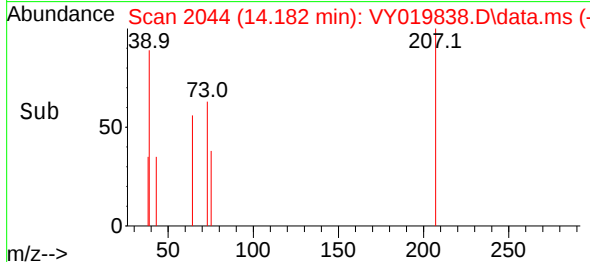
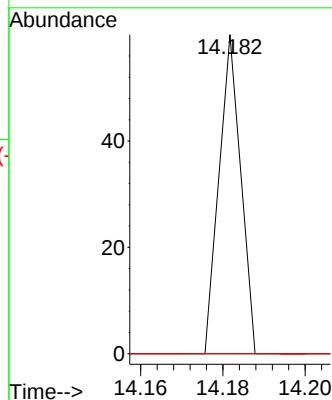
Tgt Ion: 75 Resp: 22

Ion Ratio Lower Upper

75 100

155 0.0 38.5 115.5#

157 0.0 49.9 149.7#



#93

1,2,4-Trichlorobenzene

Concen: 39.849 ug/l

RT: 14.907 min Scan# 2163

Delta R.T. -0.012 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

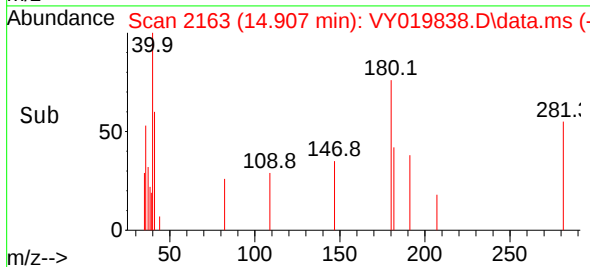
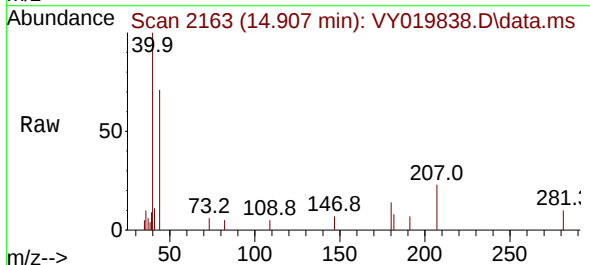
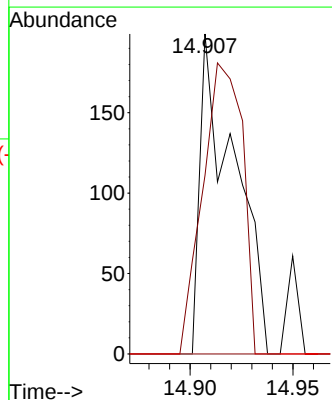
Tgt Ion: 180 Resp: 230

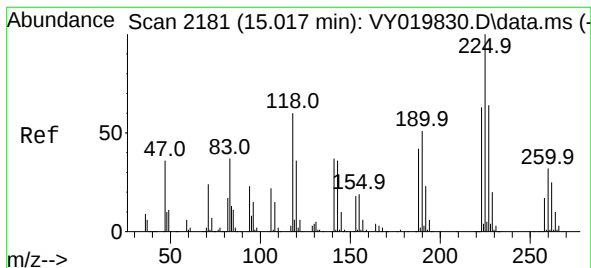
Ion Ratio Lower Upper

180 100

182 106.1 47.4 142.3

145 0.0 16.1 48.2#





#94

Hexachlorobutadiene

Concen: 33.656 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. 0.000 min

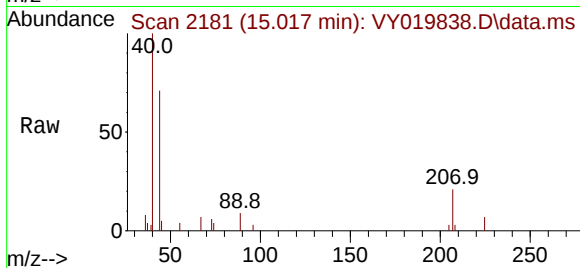
Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

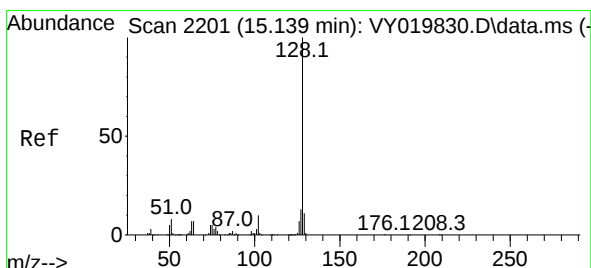
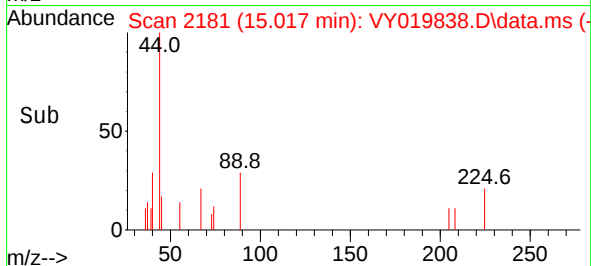
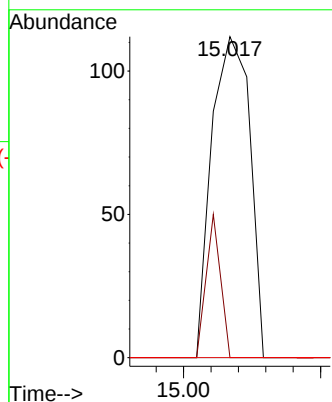
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	225	Resp:	108
Ion Ratio	Lower	Upper	
225	100		
223	16.7	31.6	94.8#
227	0.0	32.3	96.8#



#95

Naphthalene

Concen: 27.742 ug/l

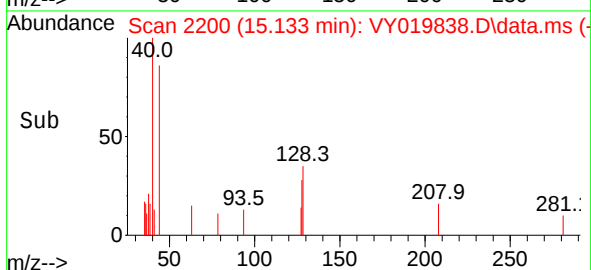
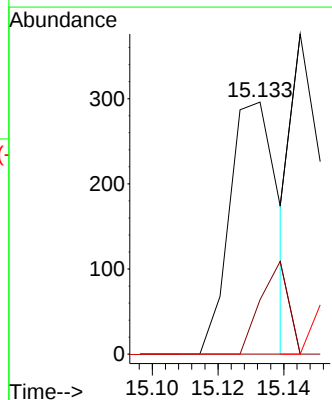
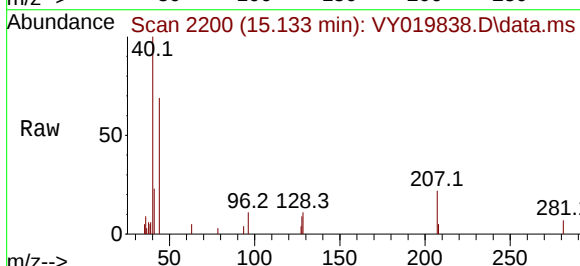
RT: 15.133 min Scan# 2200

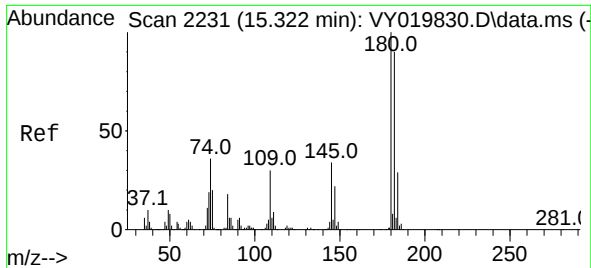
Delta R.T. -0.006 min

Lab File: VY019838.D

Acq: 09 Oct 2024 17:27

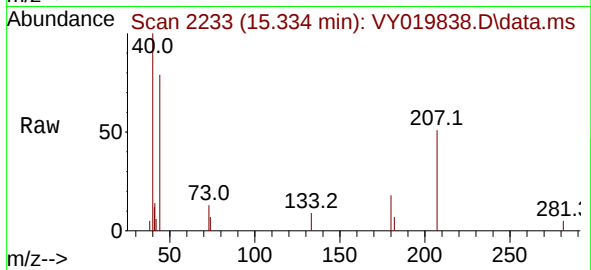
Tgt Ion:	128	Resp:	302
Ion Ratio	Lower	Upper	
128	100		
127	20.9	10.4	15.6#
129	7.0	8.6	12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 47.960 ug/l
 RT: 15.334 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VY019838.D
 Acq: 09 Oct 2024 17:27

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:180 Resp: 234
 Ion Ratio Lower Upper
 180 100
 182 65.8 46.8 140.4
 145 0.0 16.9 50.6#

