

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
 Data File : VY019238.D
 Acq On : 22 Aug 2024 23:30
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Aug 23 02:01:14 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y081524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 16 05:10:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	129381	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	204242	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	201456	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	98067	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	71335	55.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.000%	
35) Dibromofluoromethane	7.628	113	70526	52.810	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.620%	
50) Toluene-d8	10.103	98	260224	54.147	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.300%	
62) 4-Bromofluorobenzene	12.408	95	96271	58.763	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 117.520%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	47433	49.969	ug/l	98
3) Chloromethane	2.068	50	75451	44.098	ug/l	100
4) Vinyl Chloride	2.202	62	84224	39.852	ug/l	97
5) Bromomethane	2.592	94	62196	47.956	ug/l	95
6) Chloroethane	2.732	64	54713	39.890	ug/l	100
7) Trichlorofluoromethane	3.049	101	131237	41.072	ug/l	93
8) Diethyl Ether	3.446	74	40716	59.035	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.805	101	72904	51.322	ug/l	97
10) Methyl Iodide	4.000	142	82101	58.965	ug/l	94
11) Tert butyl alcohol	4.842	59	35211	332.250	ug/l #	86
12) 1,1-Dichloroethene	3.781	96	71286	55.236	ug/l	92
13) Acrolein	3.641	56	20708	209.395	ug/l	99
14) Allyl chloride	4.372	41	107078	62.404	ug/l	94
15) Acrylonitrile	5.043	53	88936	315.146	ug/l	99
16) Acetone	3.854	43	66417	276.137	ug/l	87
17) Carbon Disulfide	4.098	76	201799	55.437	ug/l	98
18) Methyl Acetate	4.372	43	46134	62.496	ug/l	92
19) Methyl tert-butyl Ether	5.104	73	189442	60.546	ug/l	99
20) Methylene Chloride	4.610	84	88940	61.995	ug/l	93
21) trans-1,2-Dichloroethene	5.104	96	81138	56.273	ug/l	95
22) Diisopropyl ether	6.006	45	249455	63.506	ug/l #	91
23) Vinyl Acetate	5.951	43	978707	314.706	ug/l	97
24) 1,1-Dichloroethane	5.909	63	141491	58.900	ug/l	99
25) 2-Butanone	6.884	43	97363	251.354	ug/l	93
26) 2,2-Dichloropropane	6.878	77	93514	48.073	ug/l	99
27) cis-1,2-Dichloroethene	6.884	96	86361	50.896	ug/l	99
28) Bromochloromethane	7.238	49	53124	52.719	ug/l	97
29) Tetrahydrofuran	7.250	42	68173	273.786	ug/l	90
30) Chloroform	7.415	83	144496	53.982	ug/l	99
31) Cyclohexane	7.695	56	99100	53.738	ug/l	99
32) 1,1,1-Trichloroethane	7.610	97	126872	53.934	ug/l	98
36) 1,1-Dichloropropene	7.829	75	96019	52.360	ug/l	100
37) Ethyl Acetate	6.976	43	46304	56.992	ug/l	97
38) Carbon Tetrachloride	7.811	117	114103	53.690	ug/l	96
39) Methylcyclohexane	9.103	83	121676	51.704	ug/l	96
40) Benzene	8.073	78	329559	58.596	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.250	41	38679	87.222	ug/l #	15
42) 1,2-Dichloroethane	8.152	62	81275	53.514	ug/l	96
43) Isopropyl Acetate	8.189	43	87885	53.486	ug/l #	82
44) Trichloroethene	8.859	130	82330	52.462	ug/l	95
45) 1,2-Dichloropropane	9.140	63	67962	54.235	ug/l	98
46) Dibromomethane	9.225	93	44562	54.829	ug/l	99
47) Bromodichloromethane	9.420	83	106368	53.344	ug/l	99
48) Methyl methacrylate	9.219	41	42878	58.554	ug/l	89
49) 1,4-Dioxane	9.213	88	10791	1096.049	ug/l #	94
51) 4-Methyl-2-Pentanone	9.993	43	242676	278.264	ug/l	95
52) Toluene	10.170	92	207850	56.300	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	103583	62.623	ug/l	96
54) cis-1,3-Dichloropropene	9.853	75	107171	53.875	ug/l #	93
55) 1,1,2-Trichloroethane	10.572	97	63895	61.069	ug/l	95
56) Ethyl methacrylate	10.438	69	87252	63.711	ug/l #	85
57) 1,3-Dichloropropane	10.719	76	106554	62.473	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.707	63	175771	270.549	ug/l	96
59) 2-Hexanone	10.761	43	186455	311.196	ug/l	93
60) Dibromochloromethane	10.914	129	86463	60.673	ug/l	99
61) 1,2-Dibromoethane	11.011	107	61103	60.422	ug/l	99
64) Tetrachloroethene	10.646	164	91792	52.128	ug/l	98
65) Chlorobenzene	11.444	112	245466	52.916	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	86753	53.180	ug/l	97
67) Ethyl Benzene	11.517	91	431864	53.639	ug/l	98
68) m/p-Xylenes	11.627	106	337534	105.654	ug/l	100
69) o-Xylene	11.956	106	158733	53.654	ug/l	100
70) Styrene	11.969	104	275713	54.651	ug/l	98
71) Bromoform	12.133	173	50097	53.722	ug/l #	97
73) Isopropylbenzene	12.255	105	414348	55.126	ug/l	100
74) N-amyl acetate	12.072	43	95637	58.351	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.511	83	70539	52.714	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	88619	91.632	ug/l #	100
77) Bromobenzene	12.536	156	97631	54.086	ug/l	98
78) n-propylbenzene	12.597	91	489989	54.532	ug/l	99
79) 2-Chlorotoluene	12.682	91	275312	54.652	ug/l	99
80) 1,3,5-Trimethylbenzene	12.737	105	332670	54.329	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.304	75	21512	54.934	ug/l	89
82) 4-Chlorotoluene	12.779	91	281174	53.649	ug/l	98
83) tert-Butylbenzene	12.999	119	299150	52.903	ug/l	98
84) 1,2,4-Trimethylbenzene	13.048	105	333362	54.625	ug/l	100
85) sec-Butylbenzene	13.176	105	441250	53.547	ug/l	99
86) p-Isopropyltoluene	13.292	119	368075	54.380	ug/l	97
87) 1,3-Dichlorobenzene	13.292	146	190536	53.523	ug/l	99
88) 1,4-Dichlorobenzene	13.371	146	186694	52.758	ug/l	99
89) n-Butylbenzene	13.621	91	333376	54.023	ug/l	99
90) Hexachloroethane	13.883	117	73698	55.241	ug/l	97
91) 1,2-Dichlorobenzene	13.663	146	166778	53.267	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.279	75	10374	52.699	ug/l	93
93) 1,2,4-Trichlorobenzene	14.925	180	93582	53.001	ug/l	98
94) Hexachlorobutadiene	15.029	225	50818	55.256	ug/l	98
95) Naphthalene	15.145	128	176575	56.034	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	79538	53.410	ug/l	98

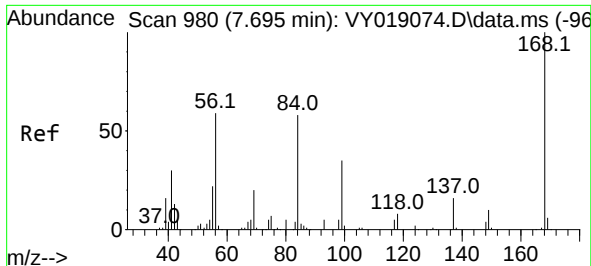
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY082224\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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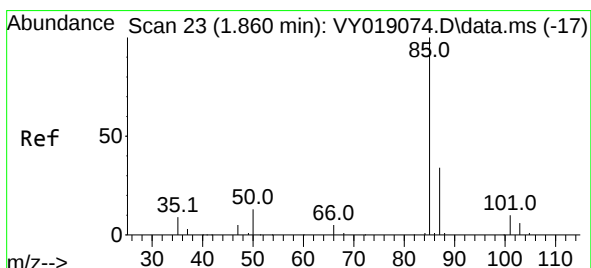
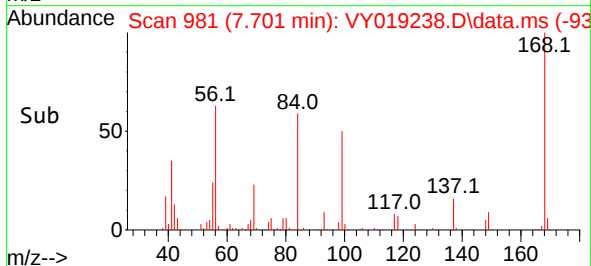
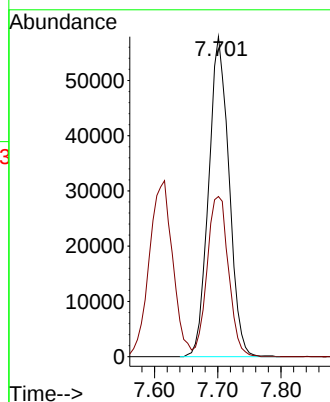
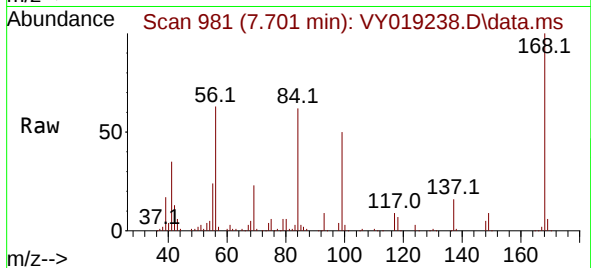
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

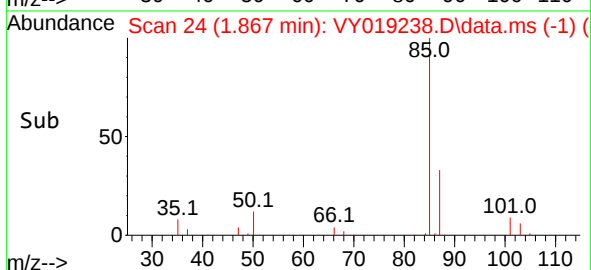
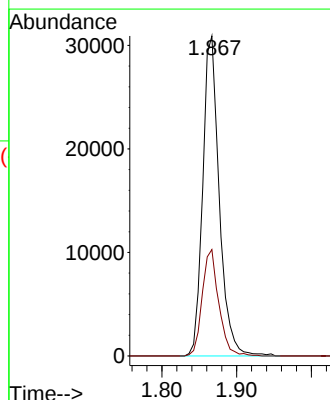
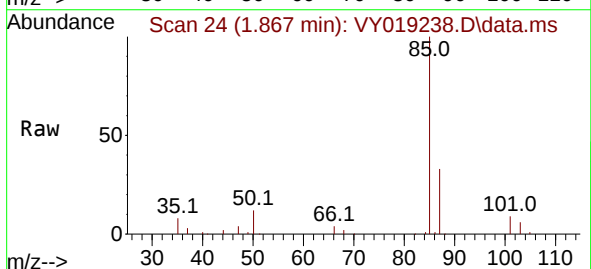
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MSVOA_Y
ClientSampleId :

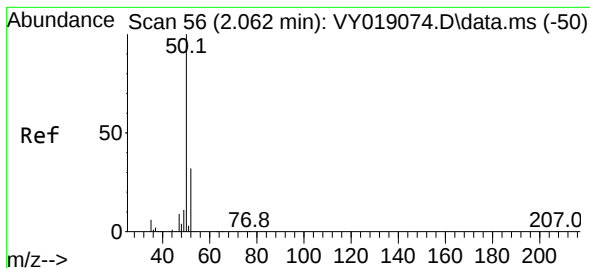
Tgt Ion:168 Resp: 129381
Ion Ratio Lower Upper
168 100
99 50.1 39.1 58.7



#2
Dichlorodifluoromethane
Concen: 49.969 ug/l
RT: 1.867 min Scan# 24
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 85 Resp: 47433
Ion Ratio Lower Upper
85 100
87 33.2 16.0 48.0





#3

Chloromethane

Concen: 44.098 ug/l

RT: 2.068 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

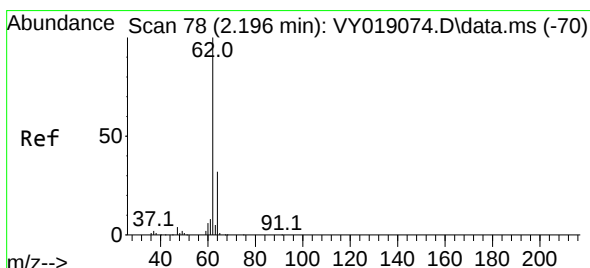
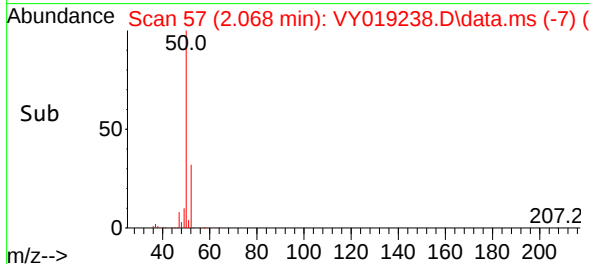
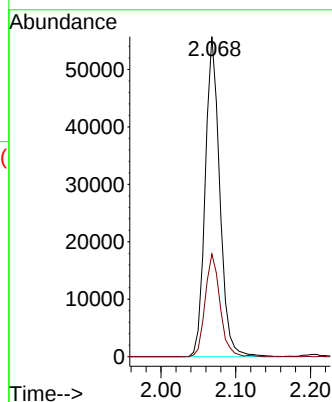
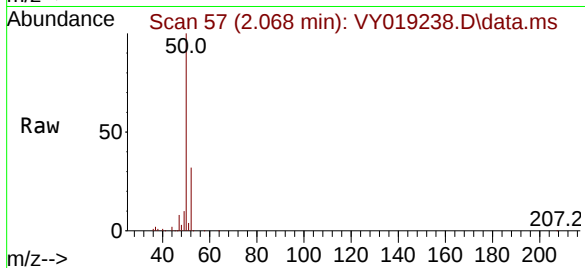
ClientSampleId :

Tgt Ion: 50 Resp: 75451

Ion Ratio Lower Upper

50 100

52 32.1 25.6 38.4



#4

Vinyl Chloride

Concen: 39.852 ug/l

RT: 2.202 min Scan# 79

Delta R.T. 0.006 min

Lab File: VY019238.D

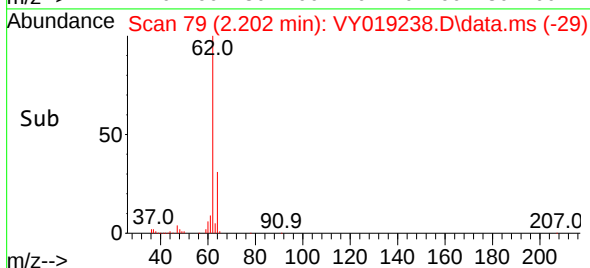
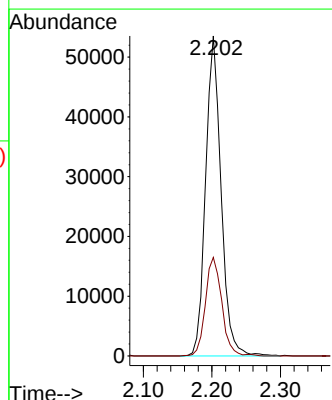
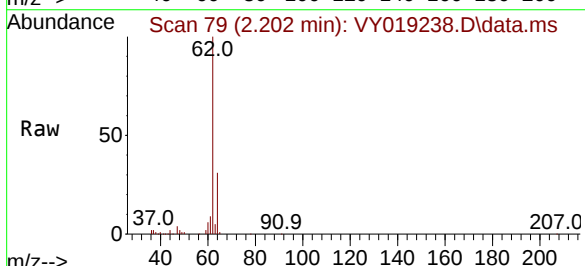
Acq: 22 Aug 2024 23:30

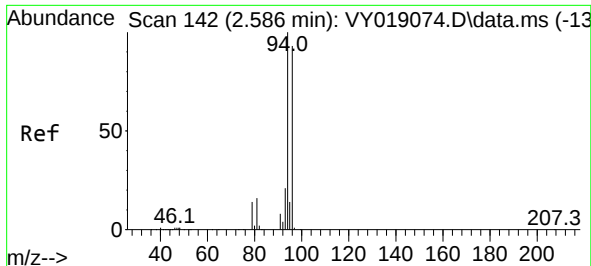
Tgt Ion: 62 Resp: 84224

Ion Ratio Lower Upper

62 100

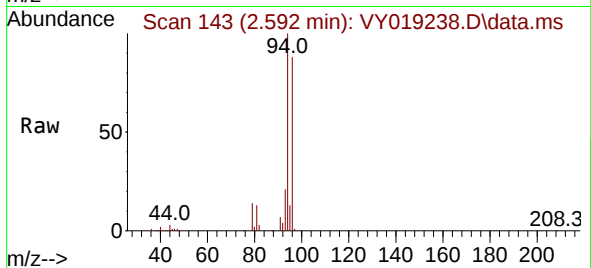
64 30.8 26.1 39.1



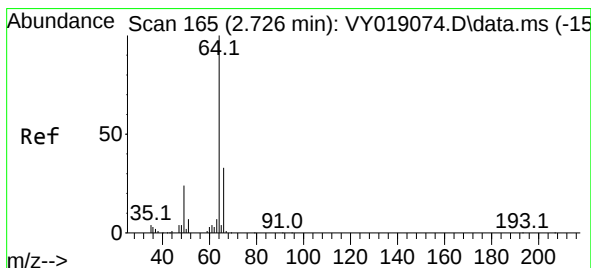
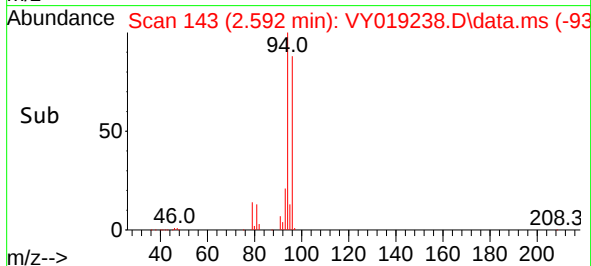
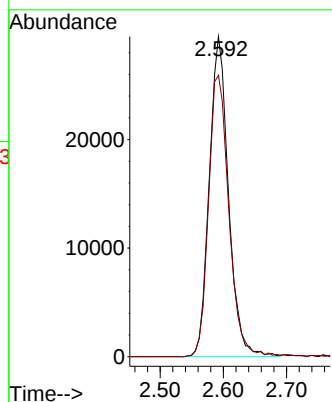


#5
Bromomethane
Concen: 47.956 ug/l
RT: 2.592 min Scan# 142
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Instrument :
MSVOA_Y
ClientSampleId :

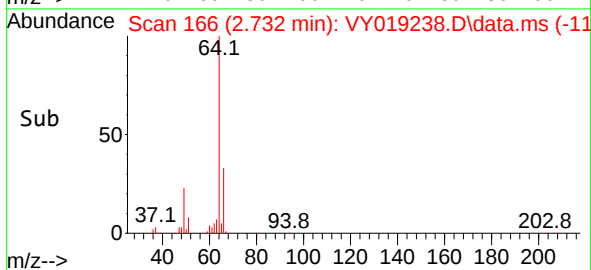
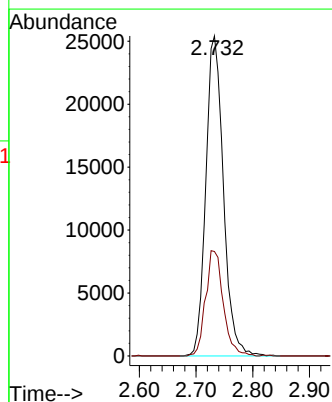
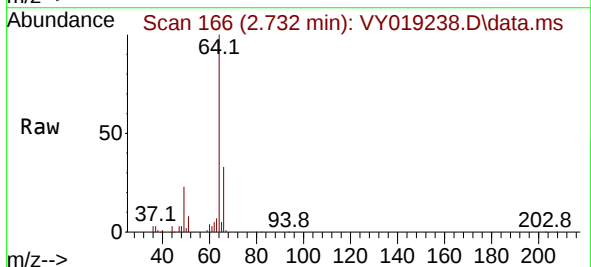


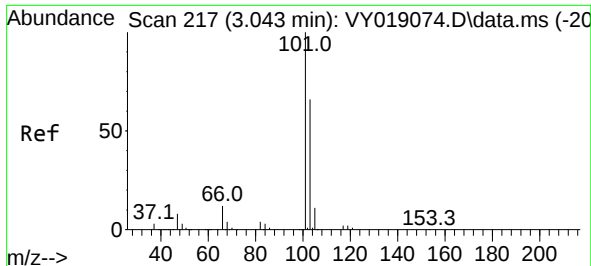
Tgt Ion: 94 Resp: 62196
Ion Ratio Lower Upper
94 100
96 87.9 74.1 111.1



#6
Chloroethane
Concen: 39.890 ug/l
RT: 2.732 min Scan# 166
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 64 Resp: 54713
Ion Ratio Lower Upper
64 100
66 32.7 26.1 39.1

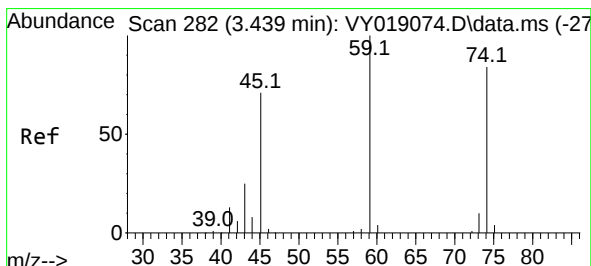
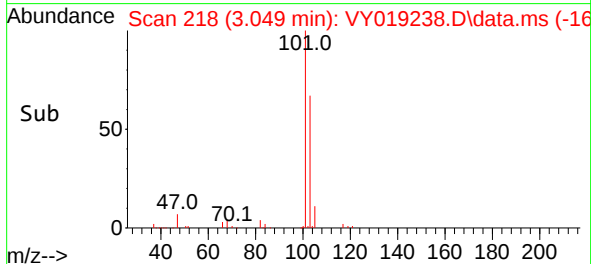
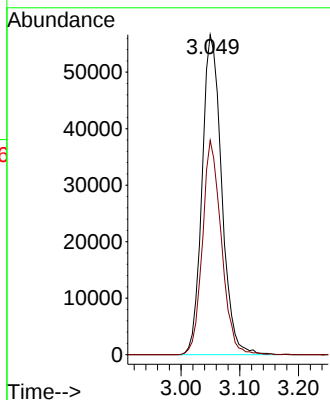
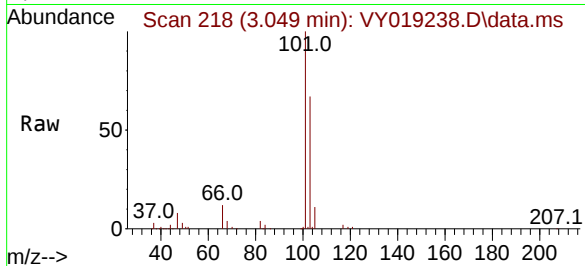




#7
 Trichlorofluoromethane
 Concen: 41.072 ug/l
 RT: 3.049 min Scan# 217
 Delta R.T. 0.006 min
 Lab File: VY019238.D
 Acq: 22 Aug 2024 23:30

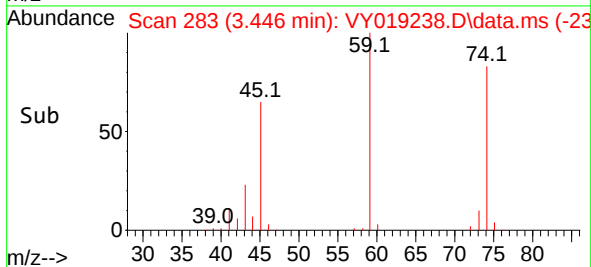
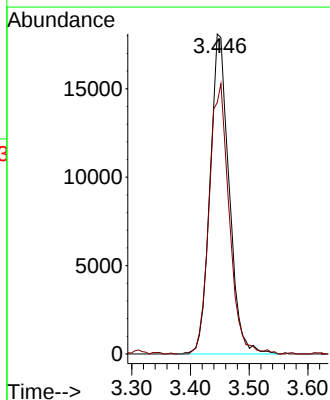
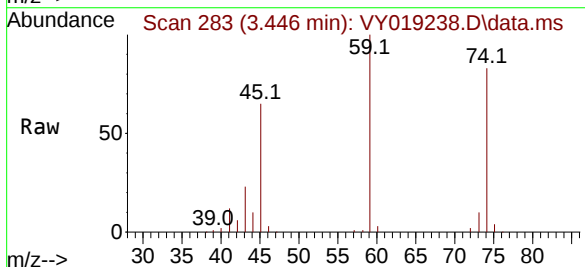
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 MSVOA_Y
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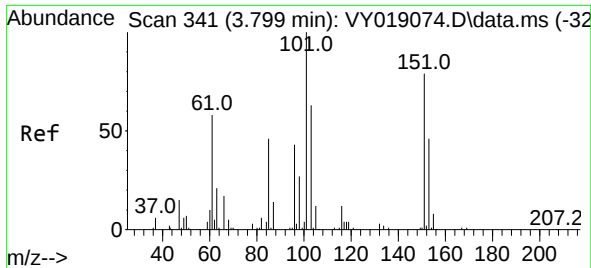
Tgt Ion:101 Resp: 131237
 Ion Ratio Lower Upper
 101 100
 103 67.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 59.035 ug/l
 RT: 3.446 min Scan# 283
 Delta R.T. 0.006 min
 Lab File: VY019238.D
 Acq: 22 Aug 2024 23:30

Tgt Ion: 74 Resp: 40716
 Ion Ratio Lower Upper
 74 100
 45 88.8 41.3 124.1

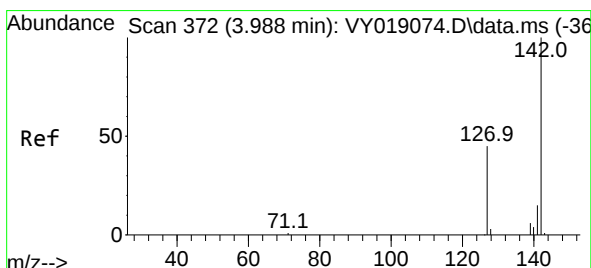
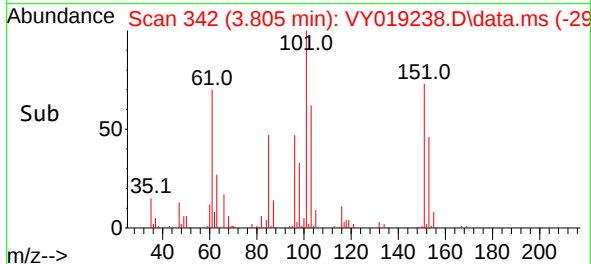
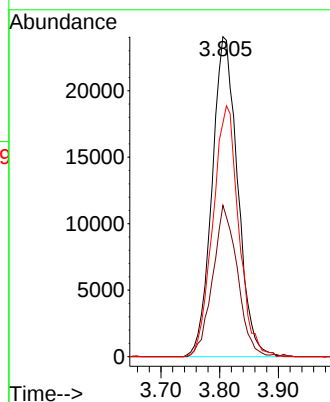
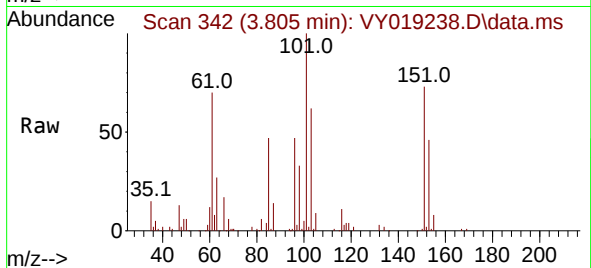




#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.322 ug/l
RT: 3.805 min Scan# 341
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

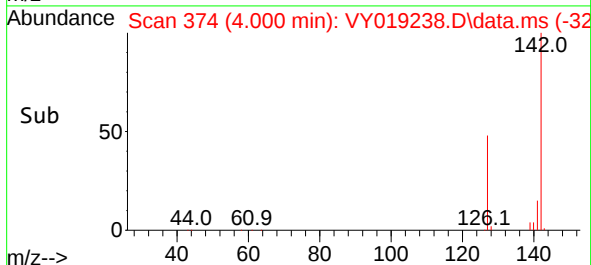
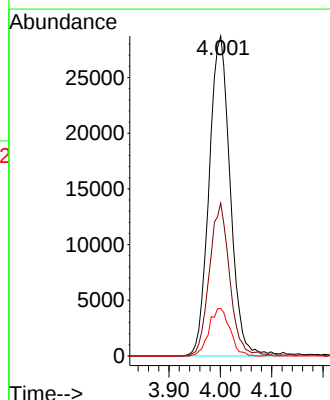
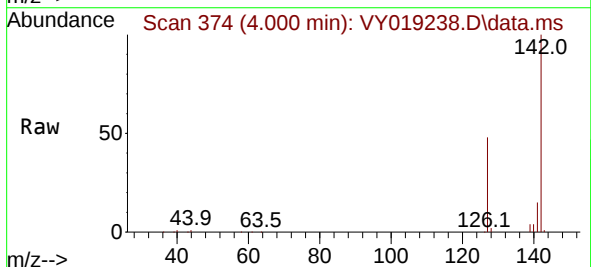
Instrument :
MSVOA_Y
ClientSampleId :

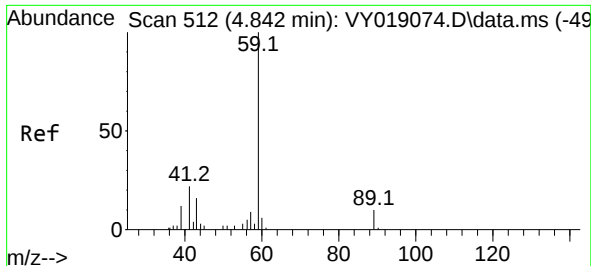
Tgt Ion:101 Resp: 72904
Ion Ratio Lower Upper
101 100
85 45.6 34.5 51.7
151 79.2 61.7 92.5



#10
Methyl Iodide
Concen: 58.965 ug/l
RT: 4.000 min Scan# 374
Delta R.T. 0.012 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion:142 Resp: 82101
Ion Ratio Lower Upper
142 100
127 45.7 32.8 49.2
141 14.7 11.4 17.2





#11

Tert butyl alcohol

Concen: 332.250 ug/l

RT: 4.842 min Scan# 512

Delta R.T. -0.000 min

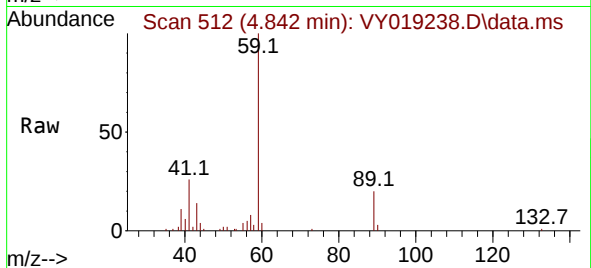
Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

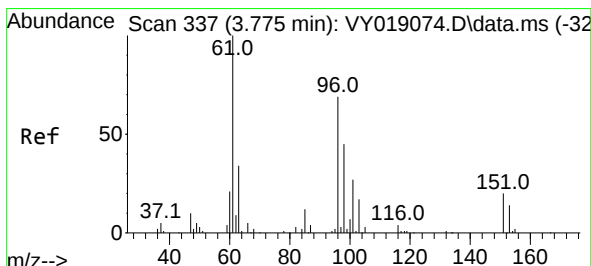
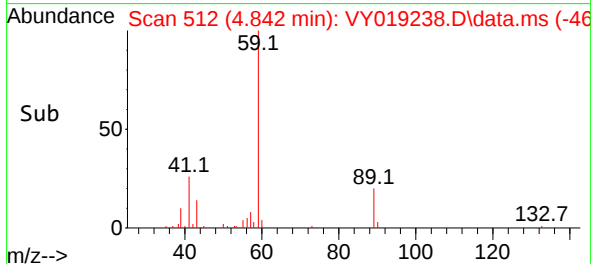
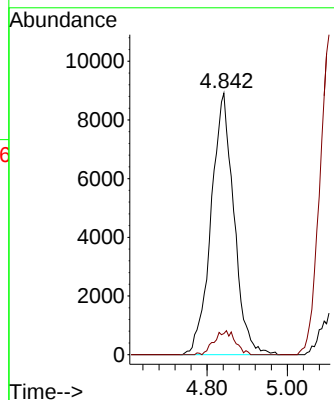


Tgt Ion: 59 Resp: 35211

Ion Ratio Lower Upper

59 100

57 8.5 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 55.236 ug/l

RT: 3.781 min Scan# 338

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

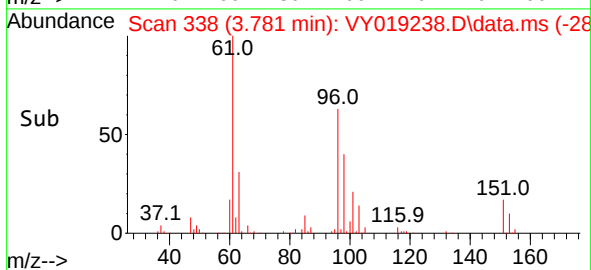
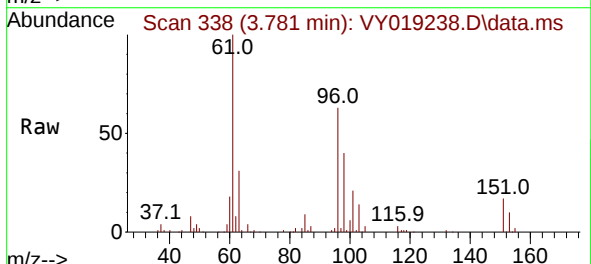
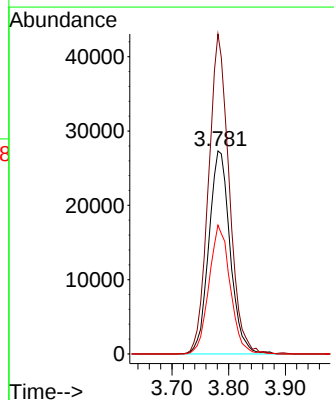
Tgt Ion: 96 Resp: 71286

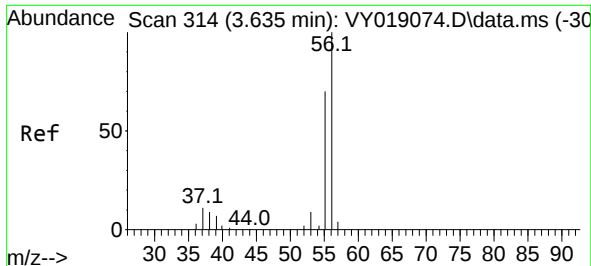
Ion Ratio Lower Upper

96 100

61 157.4 114.6 171.8

98 63.4 50.8 76.2

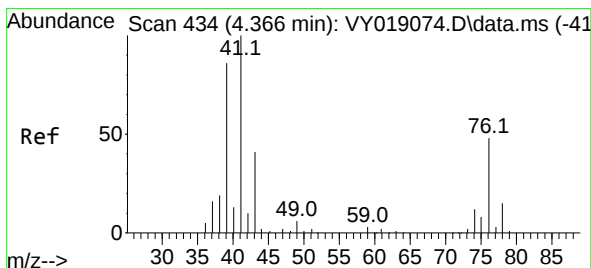
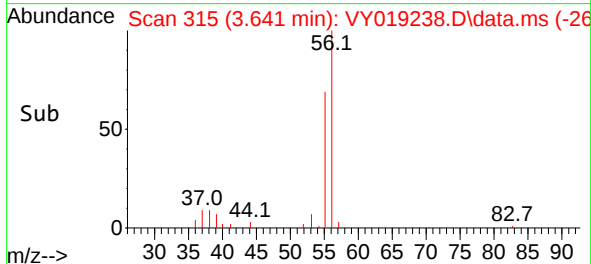
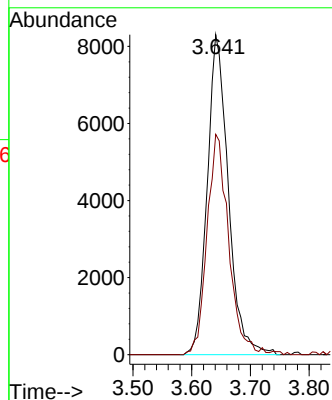
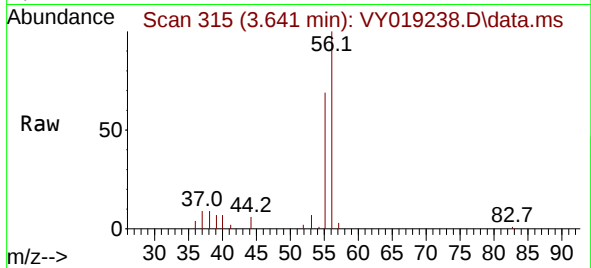




#13
Acrolein
Concen: 209.395 ug/l
RT: 3.641 min Scan# 314
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

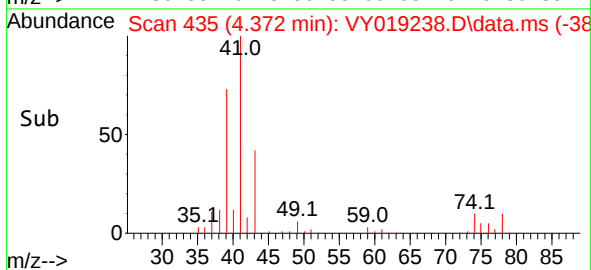
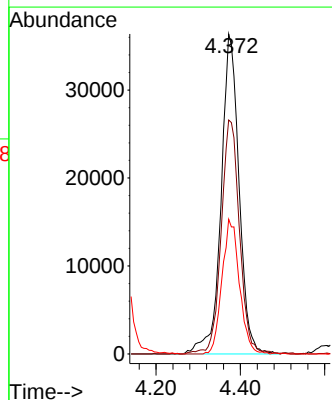
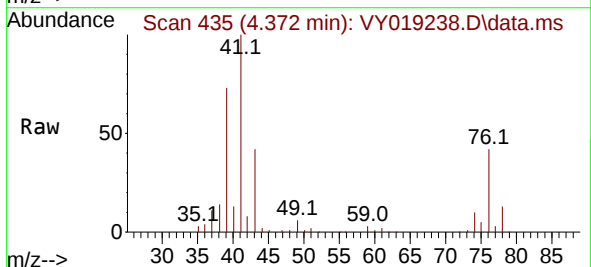
Instrument :
MSVOA_Y
ClientSampleId :

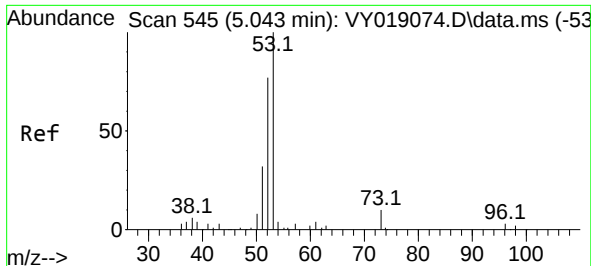
Tgt Ion: 56 Resp: 20708
Ion Ratio Lower Upper
56 100
55 70.1 55.7 83.5



#14
Allyl chloride
Concen: 62.404 ug/l
RT: 4.372 min Scan# 435
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 41 Resp: 107078
Ion Ratio Lower Upper
41 100
39 74.6 58.3 87.5
76 40.8 39.0 58.6

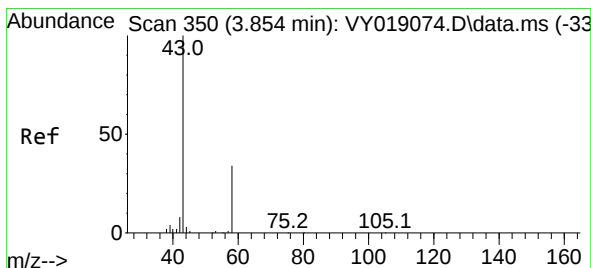
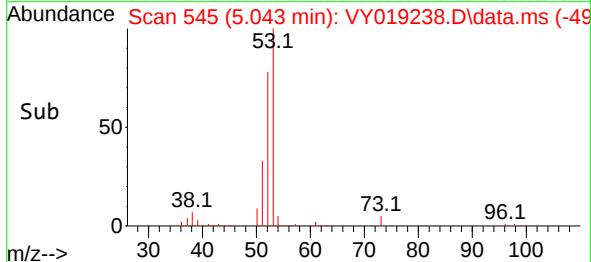
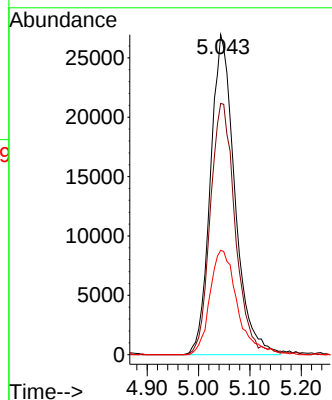
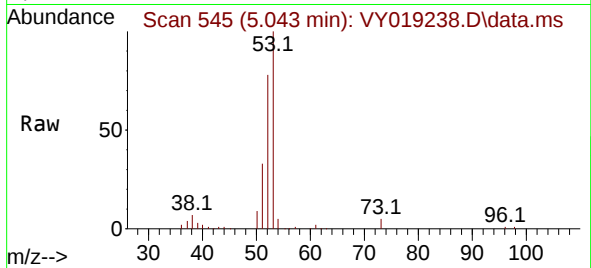




#15
Acrylonitrile
Concen: 315.146 ug/l
RT: 5.043 min Scan# 54
Delta R.T. 0.000 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

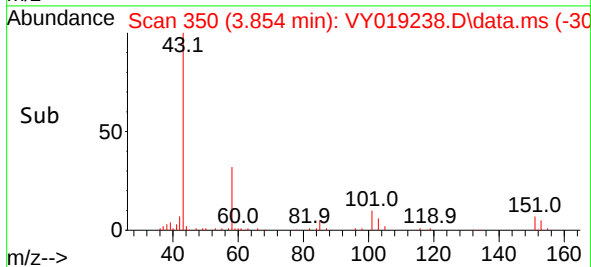
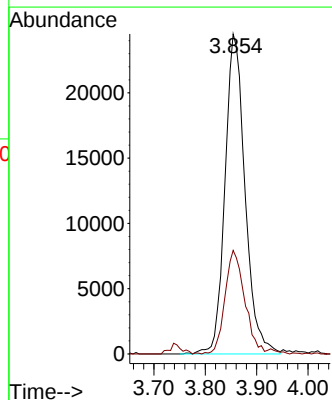
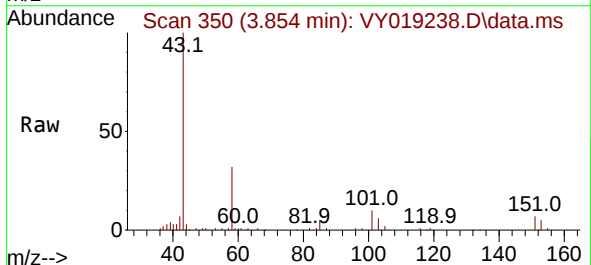
Instrument :
MSVOA_Y
ClientSampleId :

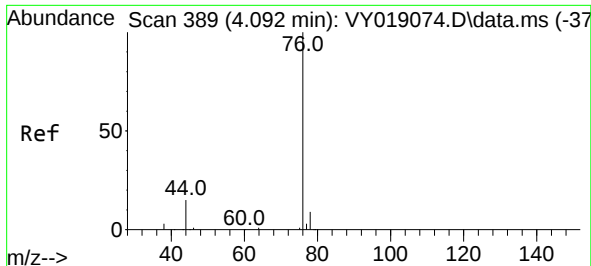
Tgt Ion: 53 Resp: 88936
Ion Ratio Lower Upper
53 100
52 80.2 64.7 97.1
51 36.7 28.4 42.6



#16
Acetone
Concen: 276.137 ug/l
RT: 3.854 min Scan# 350
Delta R.T. 0.000 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 43 Resp: 66417
Ion Ratio Lower Upper
43 100
58 31.8 31.7 47.5

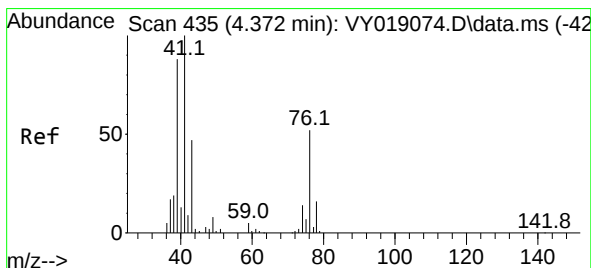
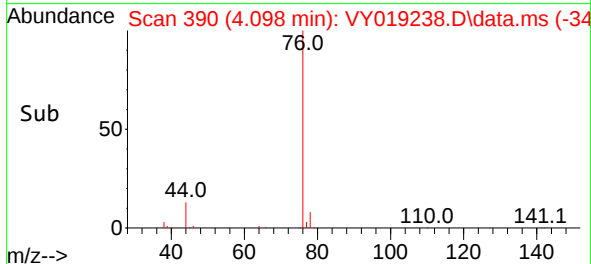
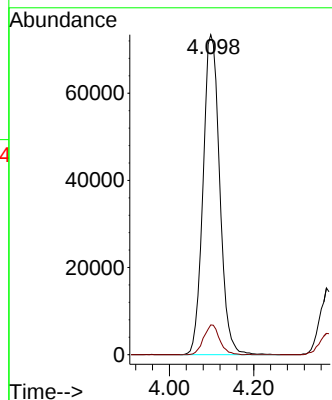
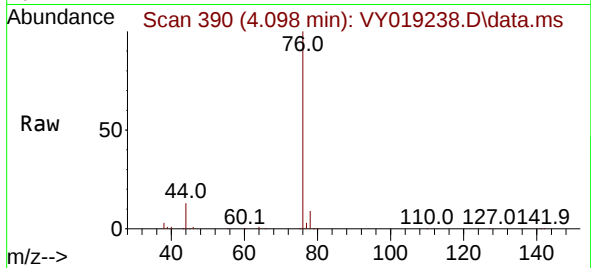




#17
Carbon Disulfide
Concen: 55.437 ug/l
RT: 4.098 min Scan# 390
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

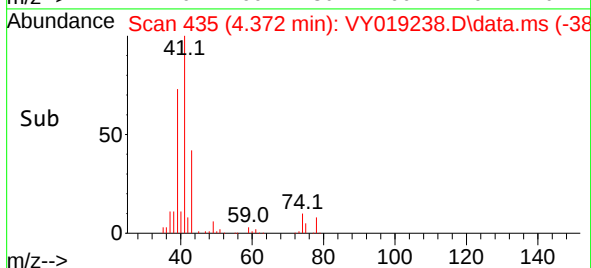
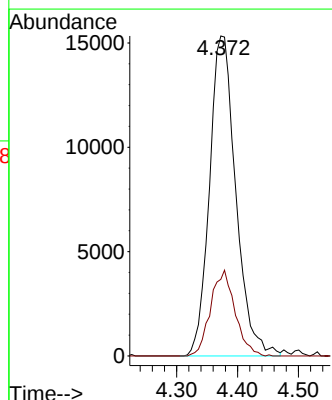
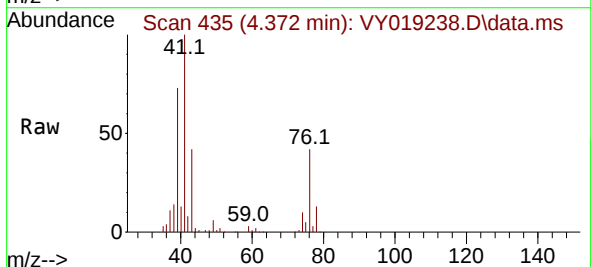
Instrument :
MSVOA_Y
ClientSampleId :

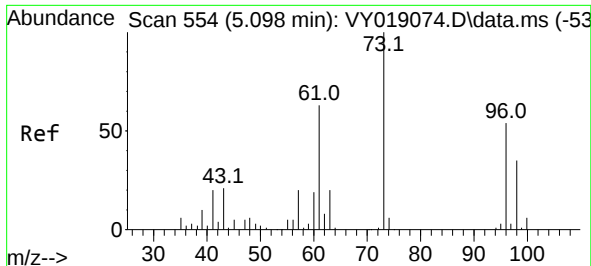
Tgt Ion: 76 Resp: 201799
Ion Ratio Lower Upper
76 100
78 9.3 6.8 10.2



#18
Methyl Acetate
Concen: 62.496 ug/l
RT: 4.372 min Scan# 435
Delta R.T. 0.000 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 43 Resp: 46134
Ion Ratio Lower Upper
43 100
74 24.9 23.3 34.9





#19

Methyl tert-butyl Ether

Concen: 60.546 ug/l

RT: 5.104 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

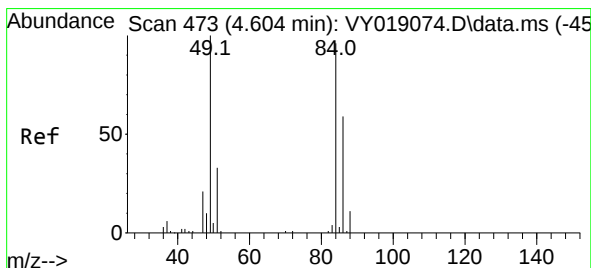
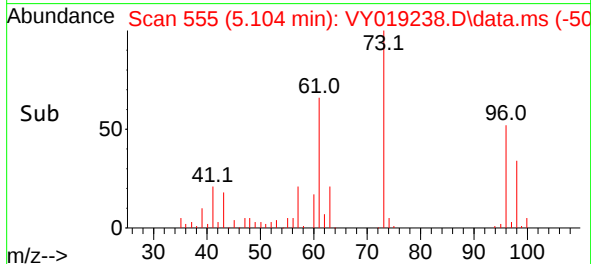
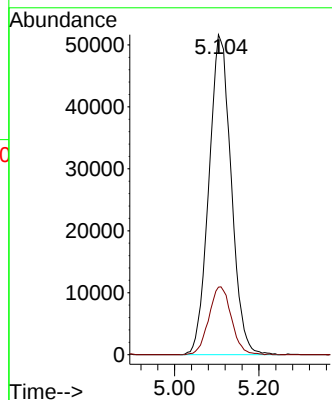
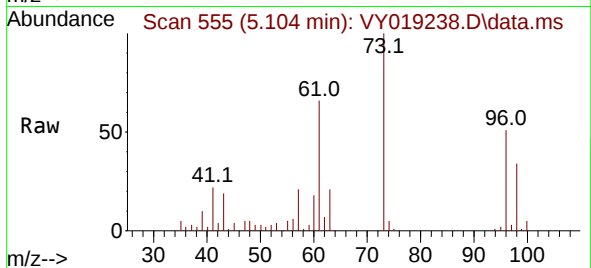
ClientSampleId :

Tgt Ion: 73 Resp: 189442

Ion Ratio Lower Upper

73 100

57 21.1 17.3 25.9



#20

Methylene Chloride

Concen: 61.995 ug/l

RT: 4.610 min Scan# 474

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Tgt Ion: 84 Resp: 88940

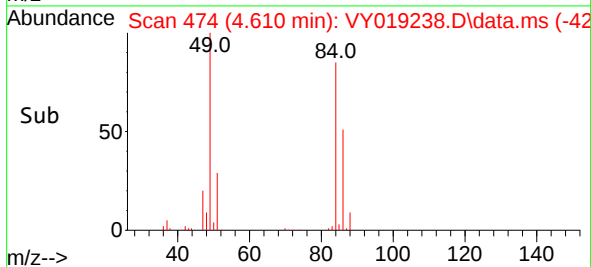
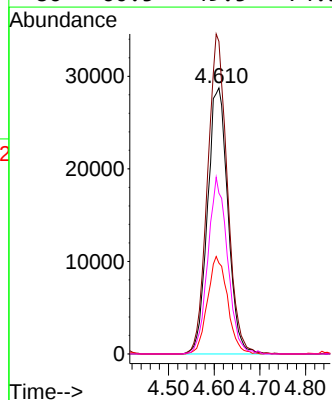
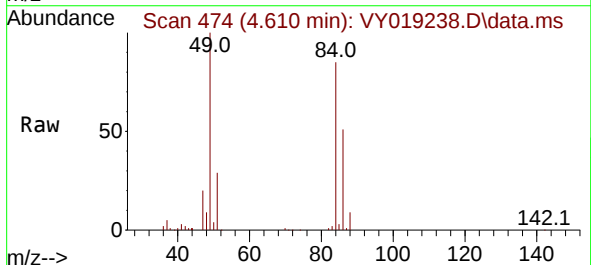
Ion Ratio Lower Upper

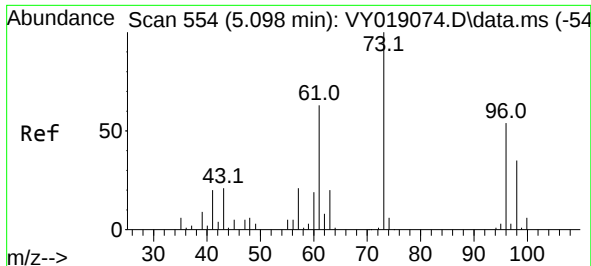
84 100

49 117.5 84.4 126.6

51 34.2 26.0 39.0

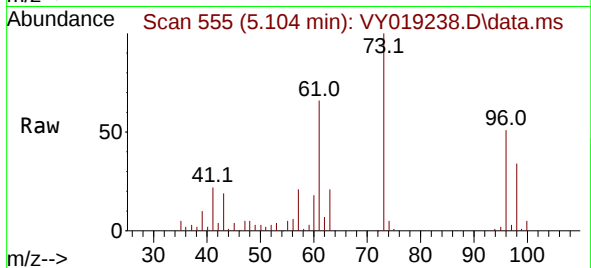
86 60.5 49.5 74.3



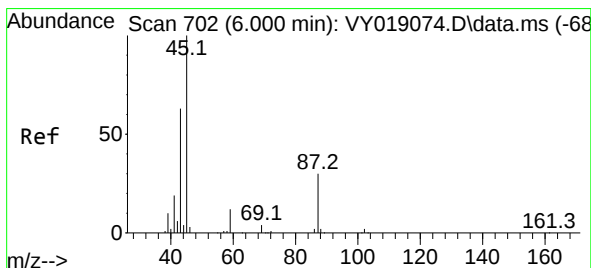
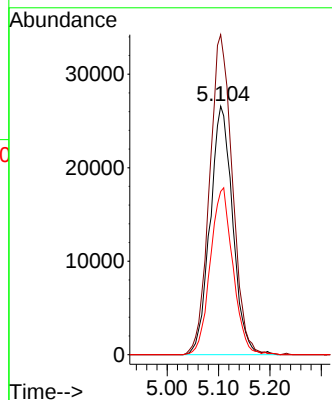
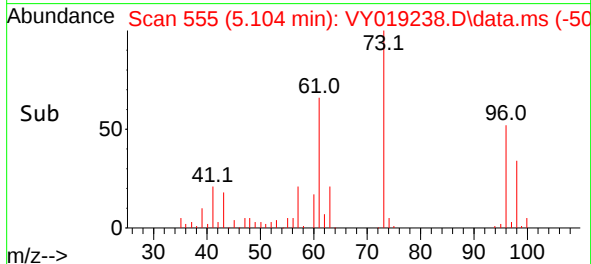


#21
trans-1,2-Dichloroethene
Concen: 56.273 ug/l
RT: 5.104 min Scan# 511
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Instrument :
MSVOA_Y
ClientSampleId :

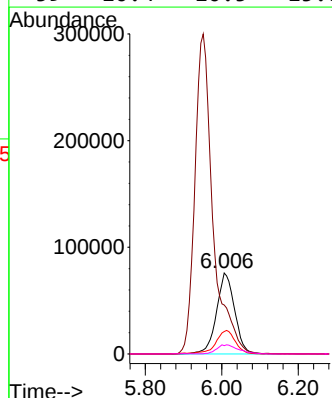
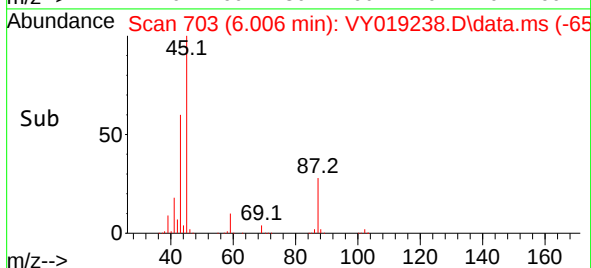
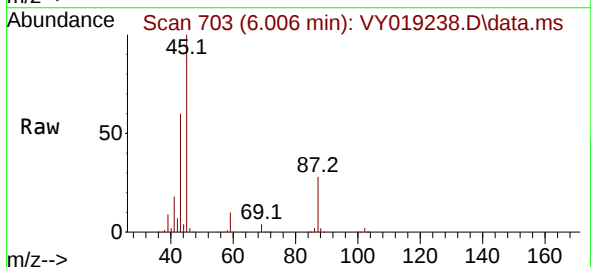


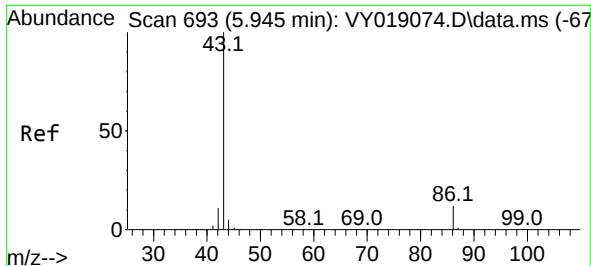
Tgt Ion: 96 Resp: 81138
Ion Ratio Lower Upper
96 100
61 128.8 97.5 146.3
98 65.7 50.5 75.7



#22
Diisopropyl ether
Concen: 63.506 ug/l
RT: 6.006 min Scan# 703
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 45 Resp: 249455
Ion Ratio Lower Upper
45 100
43 60.0 42.2 63.2
87 27.8 25.0 37.6
59 10.4 10.5 15.7#

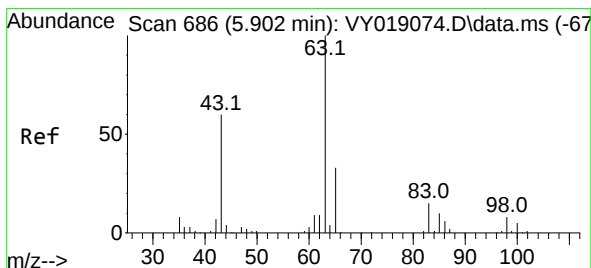
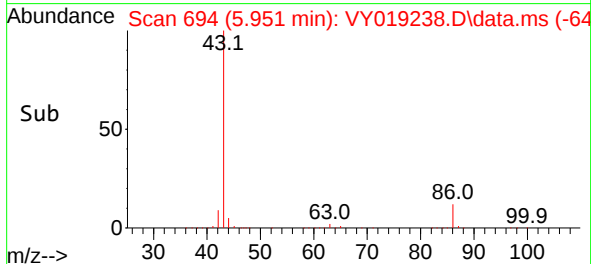
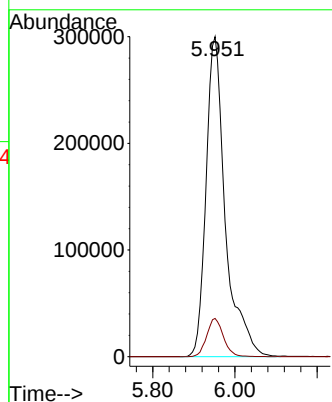
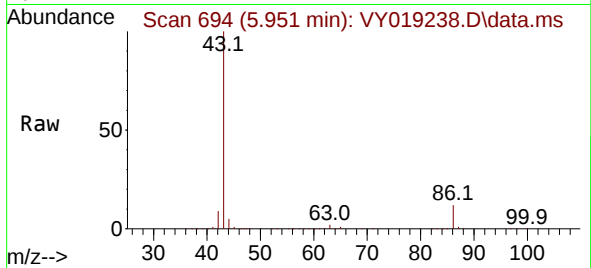




#23
 Vinyl Acetate
 Concen: 314.706 ug/l
 RT: 5.951 min Scan# 694
 Delta R.T. 0.006 min
 Lab File: VY019238.D
 Acq: 22 Aug 2024 23:30

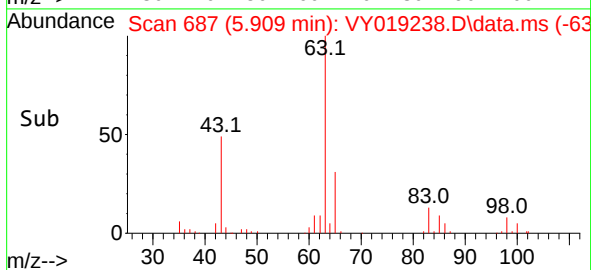
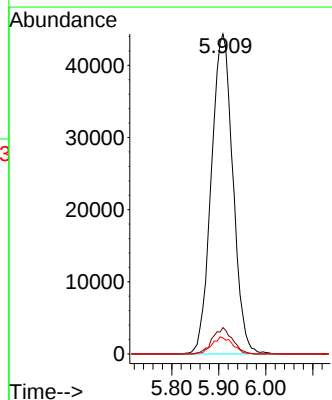
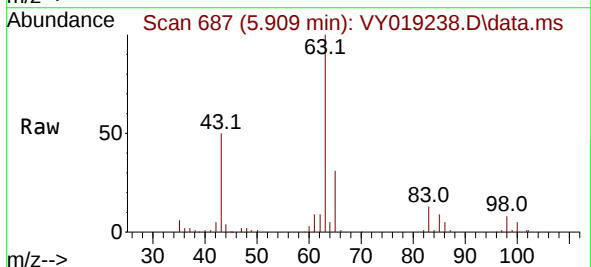
Instrument :
 MSVOA_Y
 ClientSampleId :

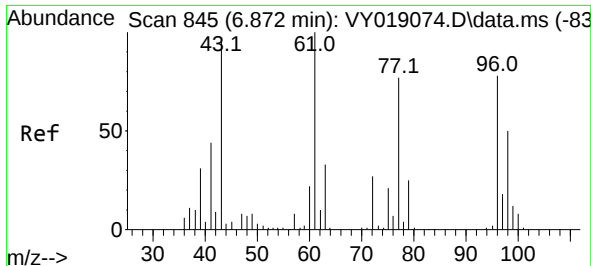
Tgt Ion: 43 Resp: 978707
 Ion Ratio Lower Upper
 43 100
 86 12.0 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 58.900 ug/l
 RT: 5.909 min Scan# 687
 Delta R.T. 0.006 min
 Lab File: VY019238.D
 Acq: 22 Aug 2024 23:30

Tgt Ion: 63 Resp: 141491
 Ion Ratio Lower Upper
 63 100
 98 8.2 4.0 12.2
 100 5.0 2.6 8.0

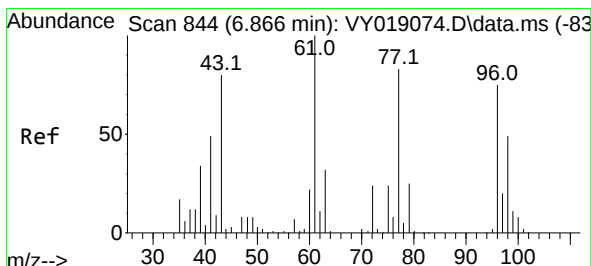
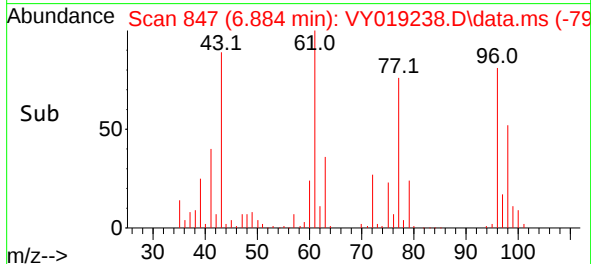
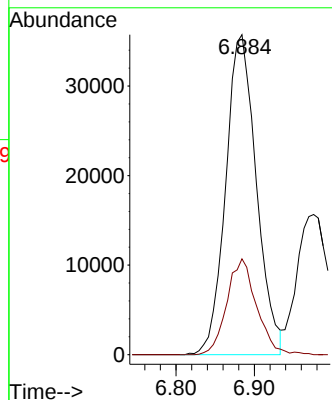
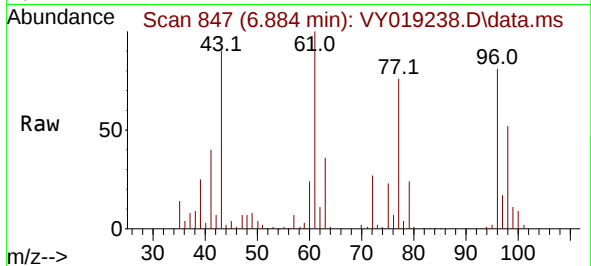




#25
2-Butanone
Concen: 251.354 ug/l
RT: 6.884 min Scan# 845
Delta R.T. 0.012 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

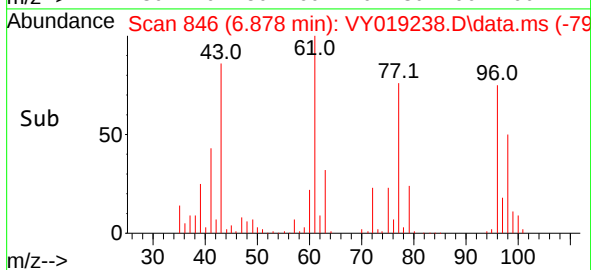
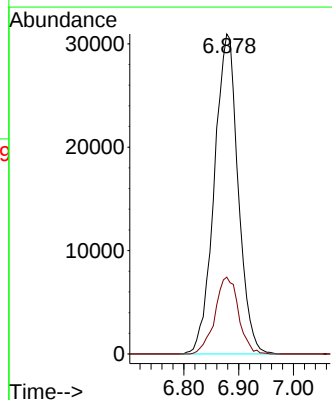
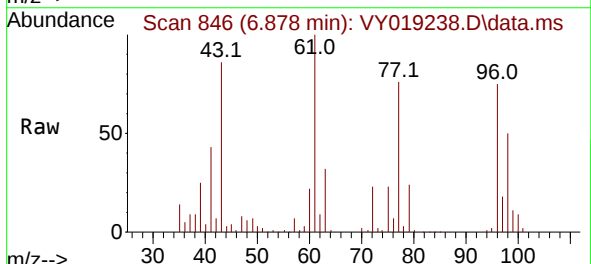
Instrument :
MSVOA_Y
ClientSampleId :

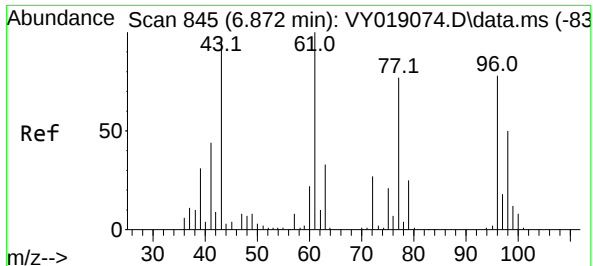
Tgt Ion: 43 Resp: 97363
Ion Ratio Lower Upper
43 100
72 29.9 27.3 40.9



#26
2,2-Dichloropropane
Concen: 48.073 ug/l
RT: 6.878 min Scan# 846
Delta R.T. 0.012 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 77 Resp: 93514
Ion Ratio Lower Upper
77 100
97 23.7 12.0 36.1





#27

cis-1,2-Dichloroethene

Concen: 50.896 ug/l

RT: 6.884 min Scan# 845

Delta R.T. 0.012 min

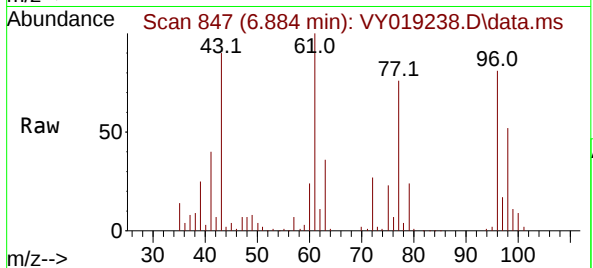
Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :



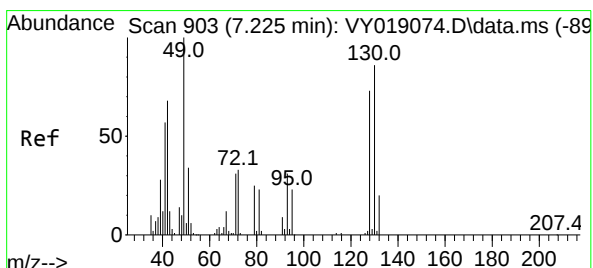
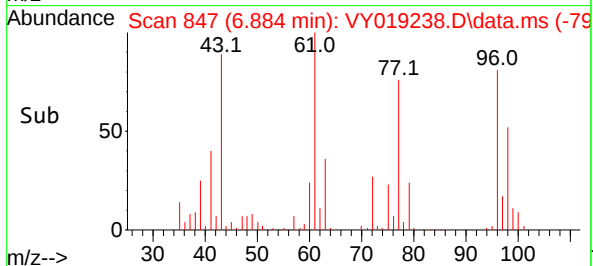
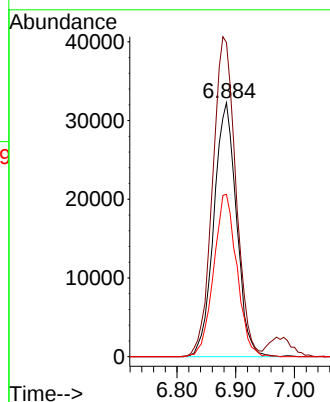
Tgt Ion: 96 Resp: 86361

Ion	Ratio	Lower	Upper
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96	100		
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61	129.6	0.0	256.2
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98	65.7	0.0	130.0
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#28

Bromochloromethane

Concen: 52.719 ug/l

RT: 7.238 min Scan# 905

Delta R.T. 0.012 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

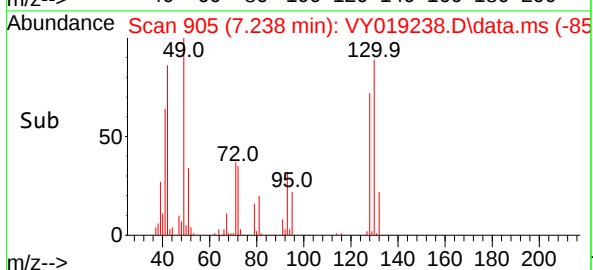
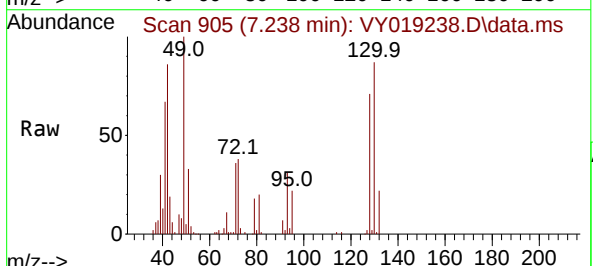
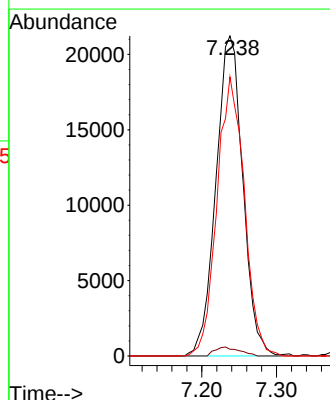
Tgt Ion: 49 Resp: 53124

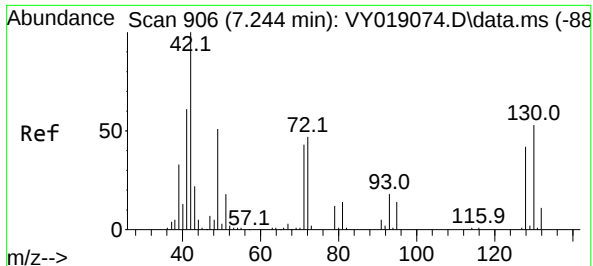
Ion	Ratio	Lower	Upper
-----	-------	-------	-------

49	100		
----	-----	--	--

129	2.5	0.0	4.6
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130	88.5	72.7	109.1
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#29

Tetrahydrofuran

Concen: 273.786 ug/l

RT: 7.250 min Scan# 906

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

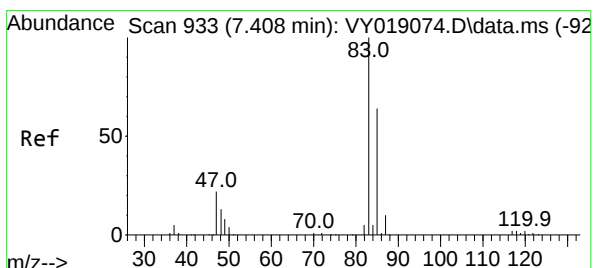
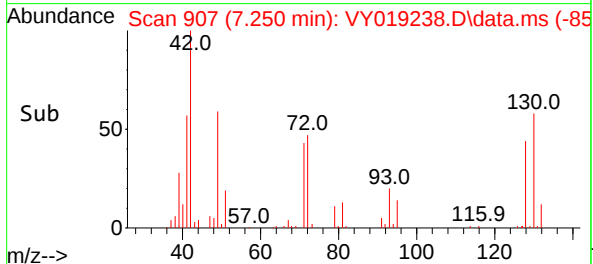
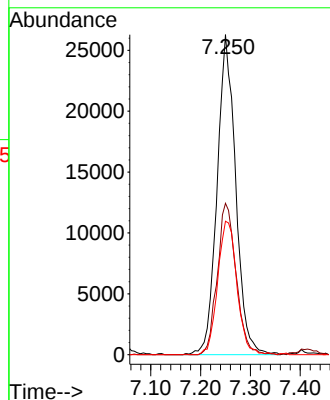
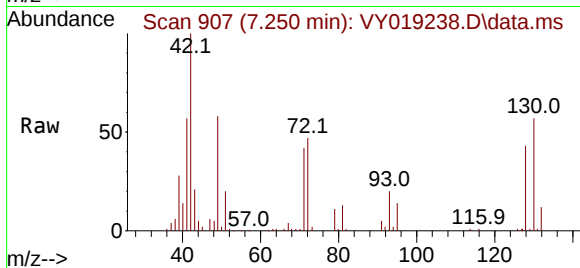
Tgt Ion: 42 Resp: 68173

Ion Ratio Lower Upper

42 100

72 47.8 43.0 64.4

71 43.2 40.8 61.2



#30

Chloroform

Concen: 53.982 ug/l

RT: 7.415 min Scan# 934

Delta R.T. 0.006 min

Lab File: VY019238.D

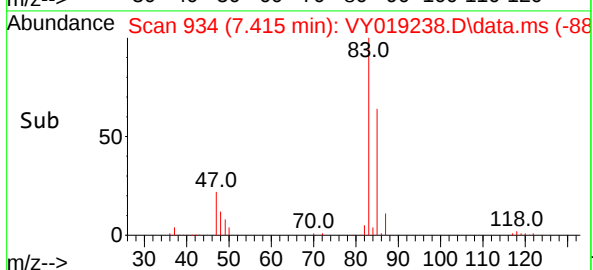
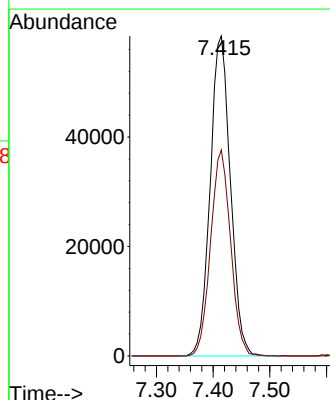
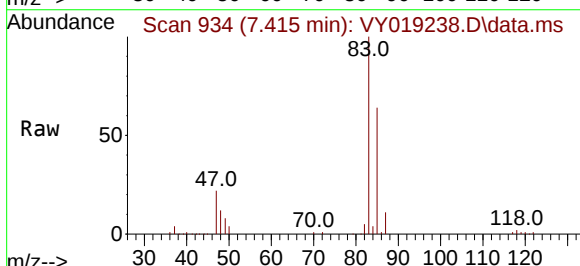
Acq: 22 Aug 2024 23:30

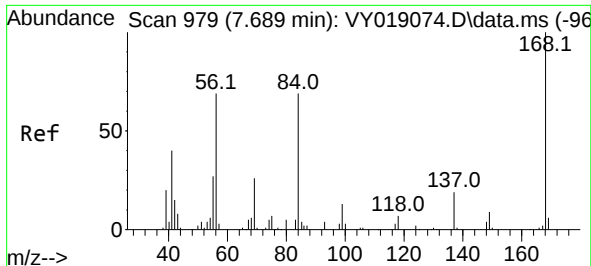
Tgt Ion: 83 Resp: 144496

Ion Ratio Lower Upper

83 100

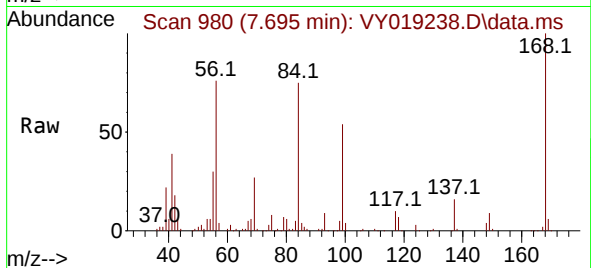
85 64.4 52.2 78.4



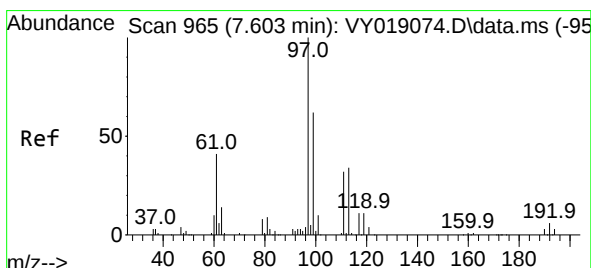
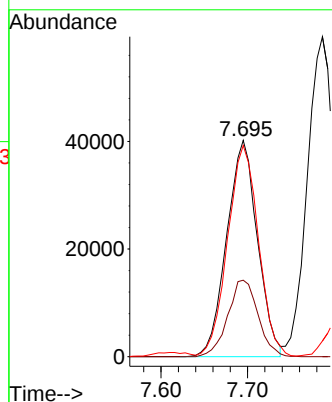
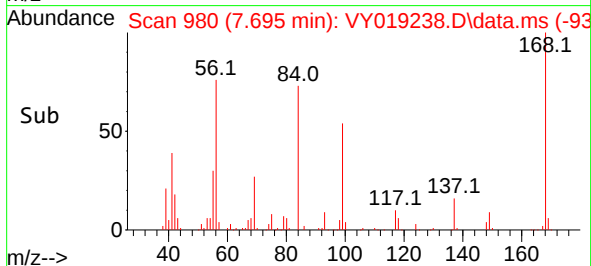


#31
Cyclohexane
Concen: 53.738 ug/l
RT: 7.695 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Instrument :
MSVOA_Y
ClientSampleId :

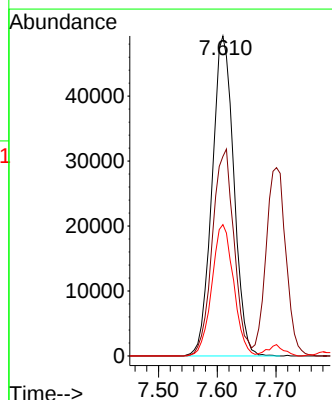
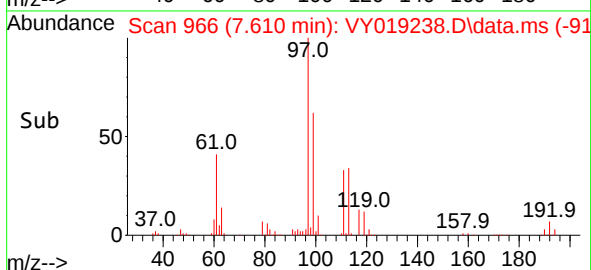
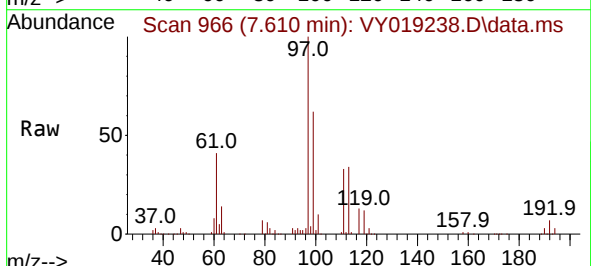


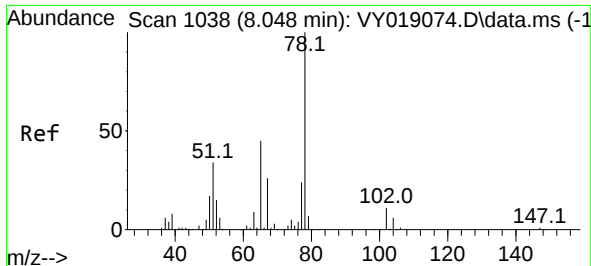
Tgt Ion: 56 Resp: 99100
Ion Ratio Lower Upper
56 100
69 35.4 28.7 43.1
84 96.2 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 53.934 ug/l
RT: 7.610 min Scan# 966
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 97 Resp: 126872
Ion Ratio Lower Upper
97 100
99 64.7 50.3 75.5
61 41.1 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 55.002 ug/l

RT: 8.055 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

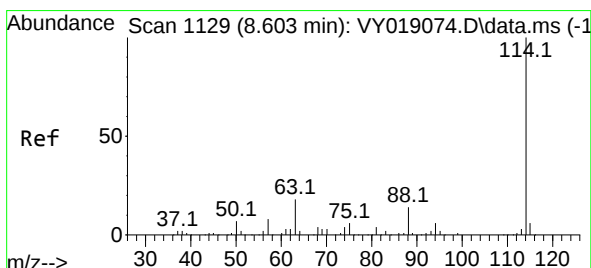
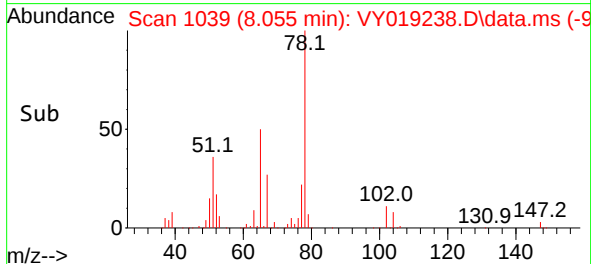
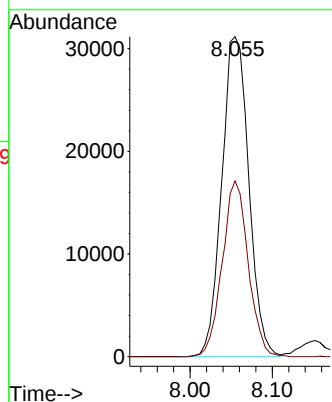
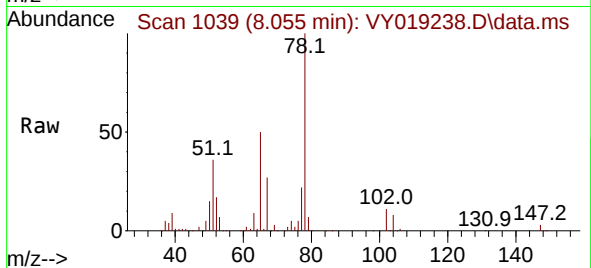
ClientSampleId :

Tgt Ion: 65 Resp: 71335

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.609 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

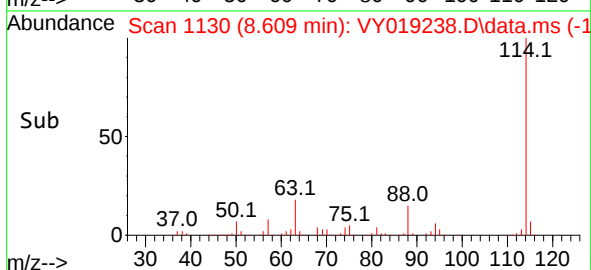
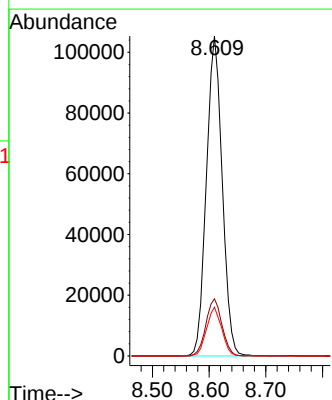
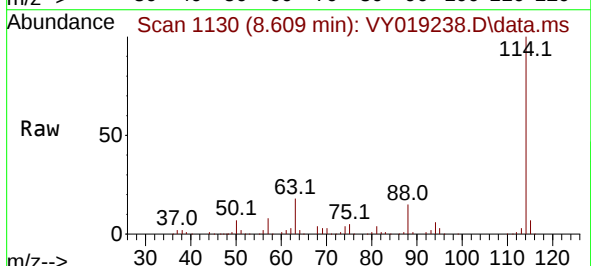
Tgt Ion: 114 Resp: 204242

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

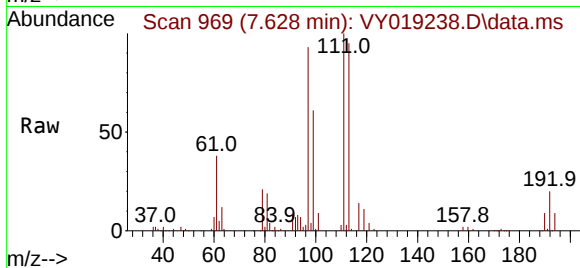
88 15.2 0.0 27.2



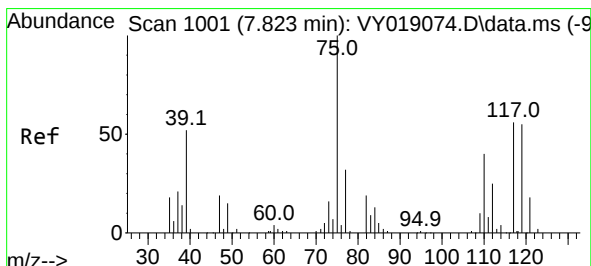
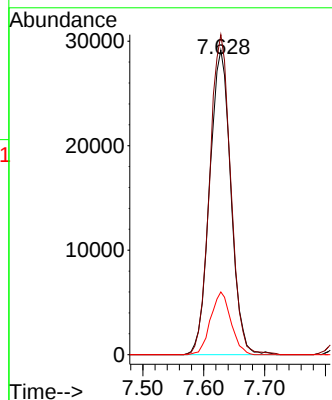
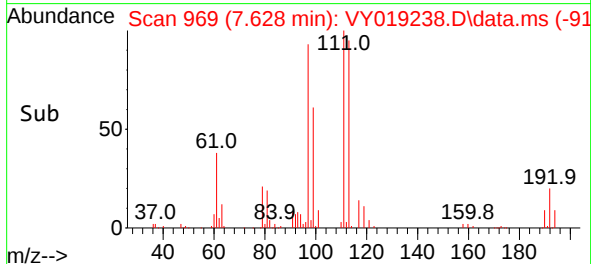


#35
Dibromofluoromethane
Concen: 52.810 ug/l
RT: 7.628 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Instrument :
MSVOA_Y
ClientSampleId :

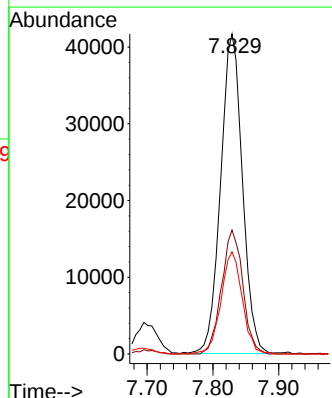
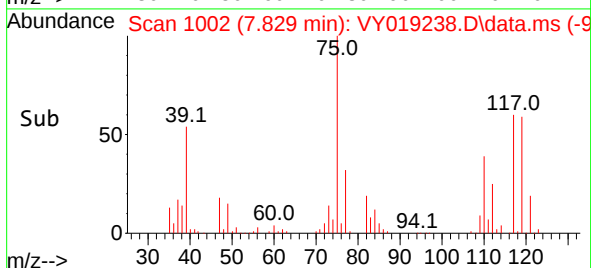
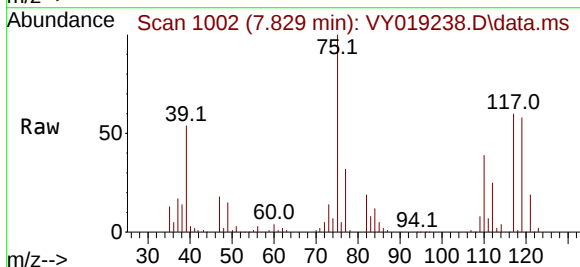


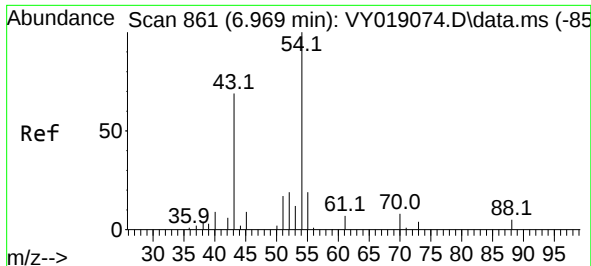
Tgt Ion:113 Resp: 70526
Ion Ratio Lower Upper
113 100
111 103.9 82.2 123.4
192 19.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 52.360 ug/l
RT: 7.829 min Scan# 1002
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 75 Resp: 96019
Ion Ratio Lower Upper
75 100
110 37.8 19.0 57.0
77 31.3 25.3 37.9





#37

Ethyl Acetate

Concen: 56.992 ug/l

RT: 6.976 min Scan# 861

Delta R.T. 0.006 min

Lab File: VY019238.D

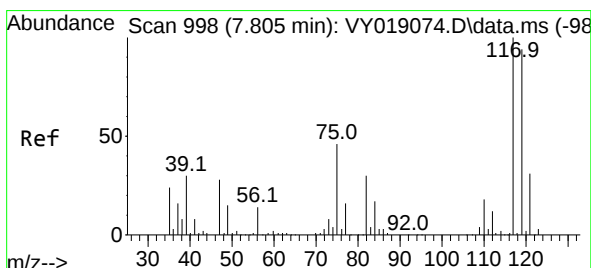
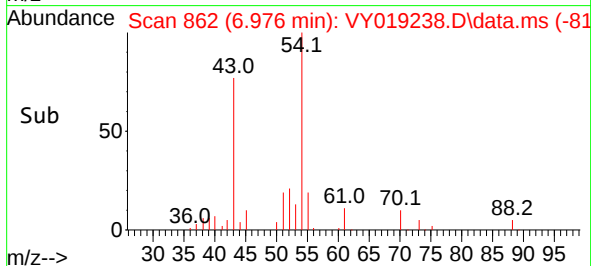
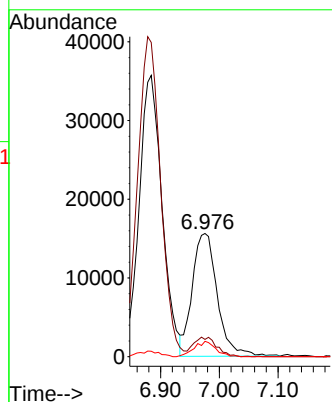
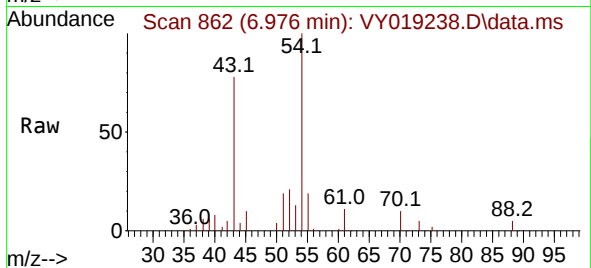
Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion: 43	Resp: 46304
Ion Ratio	Lower Upper
43 100	
61 14.5	12.6 19.0
70 10.7	7.8 11.8



#38

Carbon Tetrachloride

Concen: 53.690 ug/l

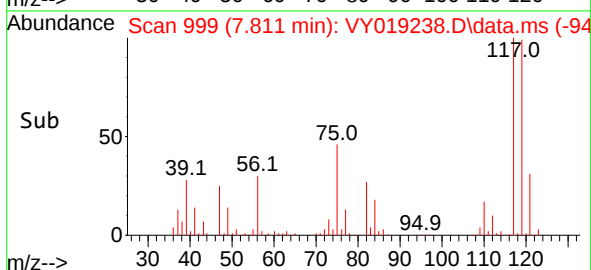
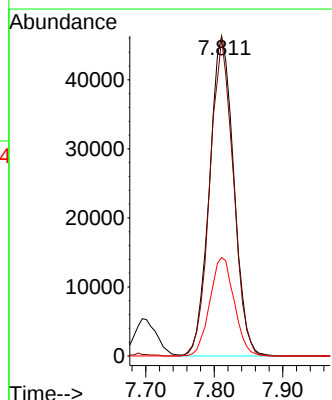
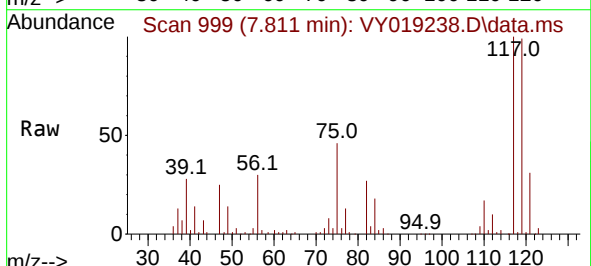
RT: 7.811 min Scan# 999

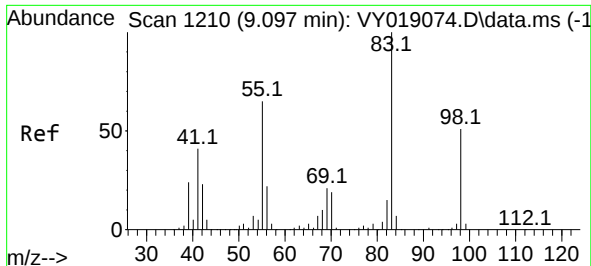
Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Tgt Ion: 117	Resp: 114103
Ion Ratio	Lower Upper
117 100	
119 99.2	75.8 113.6
121 30.7	24.0 36.0





#39

Methylcyclohexane

Concen: 51.704 ug/l

RT: 9.103 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

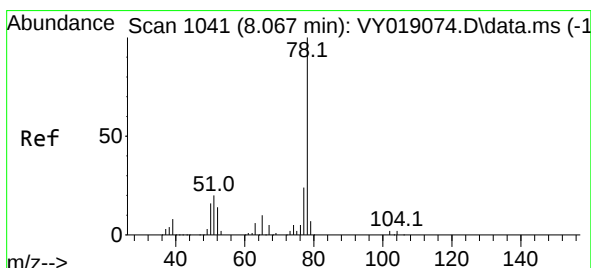
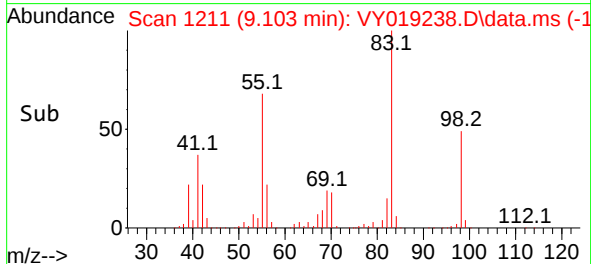
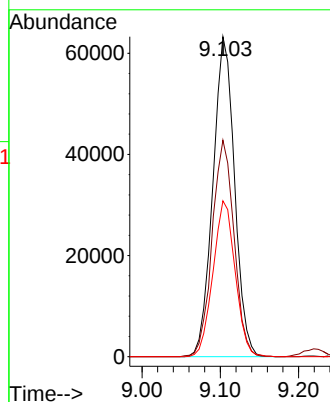
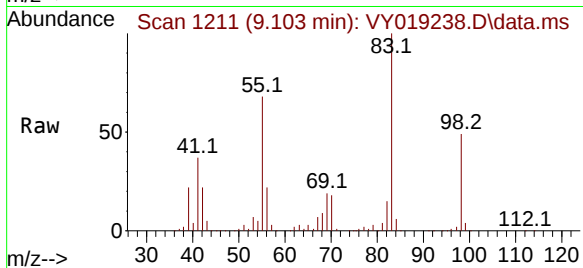
Tgt Ion: 83 Resp: 121676

Ion Ratio Lower Upper

83 100

55 67.6 51.5 77.3

98 48.7 40.5 60.7



#40

Benzene

Concen: 58.596 ug/l

RT: 8.073 min Scan# 1042

Delta R.T. 0.006 min

Lab File: VY019238.D

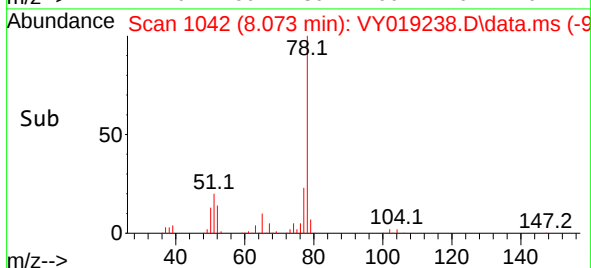
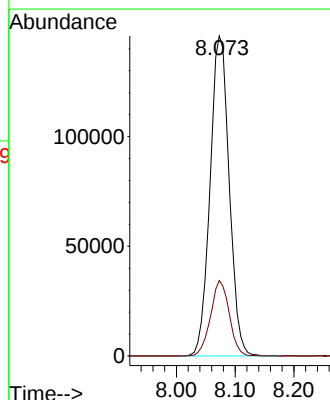
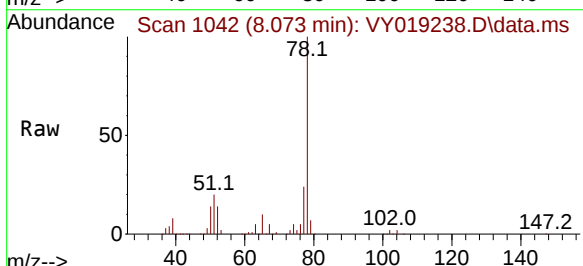
Acq: 22 Aug 2024 23:30

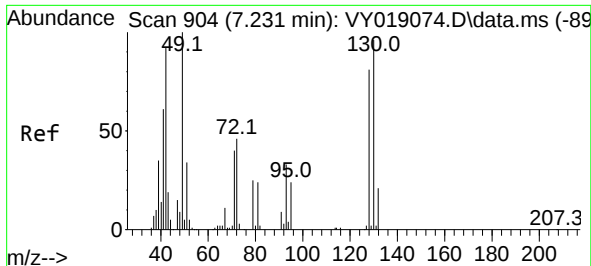
Tgt Ion: 78 Resp: 329559

Ion Ratio Lower Upper

78 100

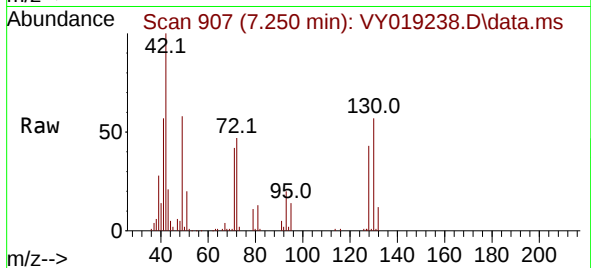
77 23.5 19.5 29.3



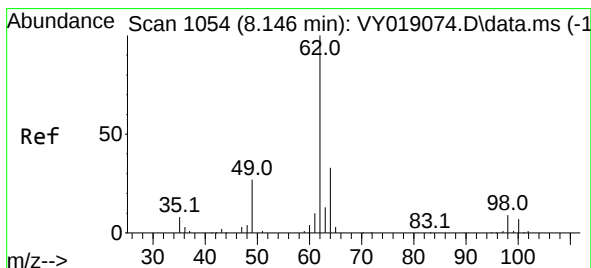
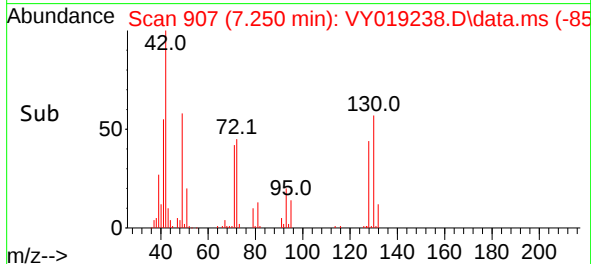
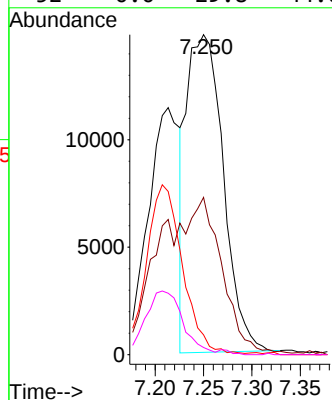


#41
Methacrylonitrile
Concen: 87.222 ug/l
RT: 7.250 min Scan# 90
Delta R.T. 0.018 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Instrument :
MSVOA_Y
ClientSampleId :

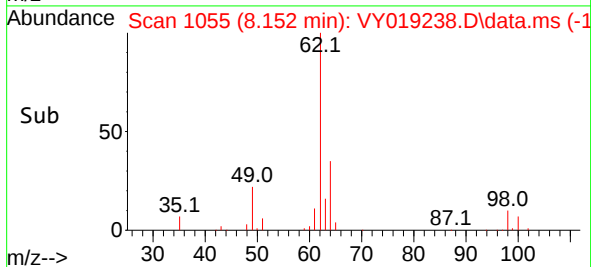
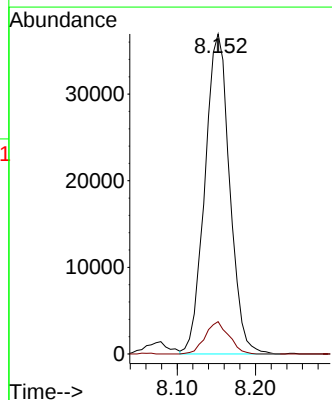
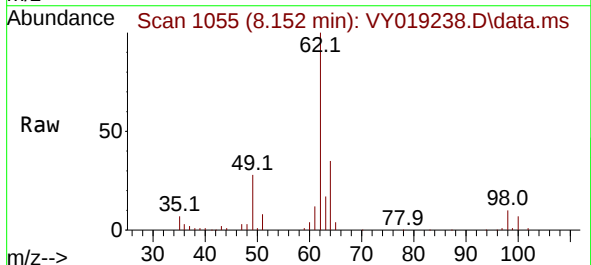


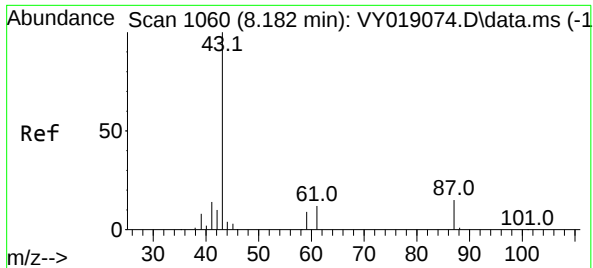
Tgt Ion: 41 Resp: 38679
Ion Ratio Lower Upper
41 100
39 0.0 48.0 72.0#
67 0.0 75.1 112.7#
52 0.0 29.8 44.6#



#42
1,2-Dichloroethane
Concen: 53.514 ug/l
RT: 8.152 min Scan# 1055
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 62 Resp: 81275
Ion Ratio Lower Upper
62 100
98 9.7 0.0 22.0

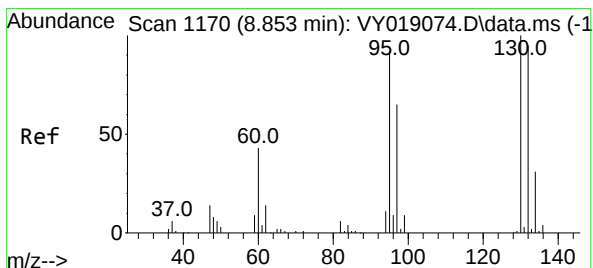
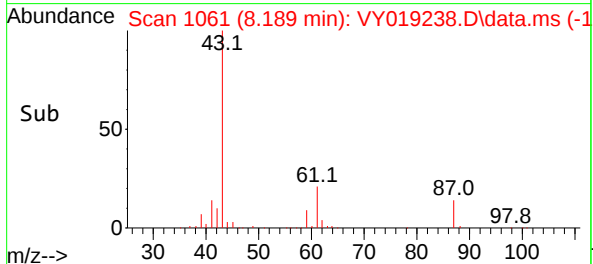
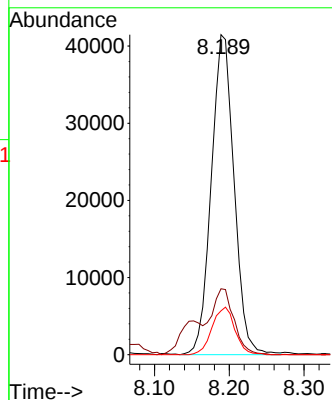
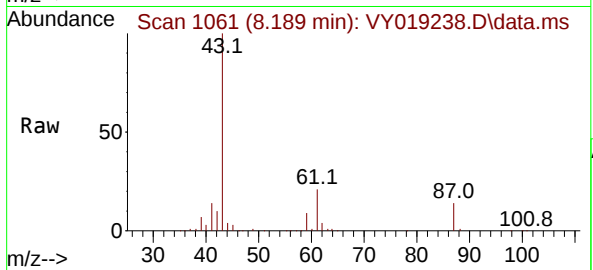




#43
Isopropyl Acetate
Concen: 53.486 ug/l
RT: 8.189 min Scan# 1106
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

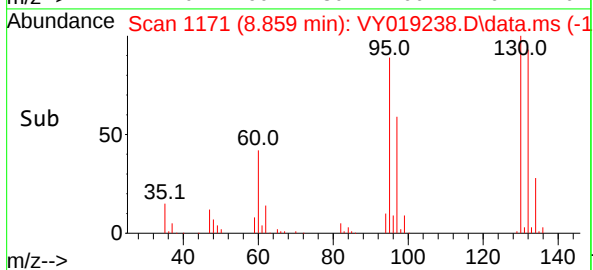
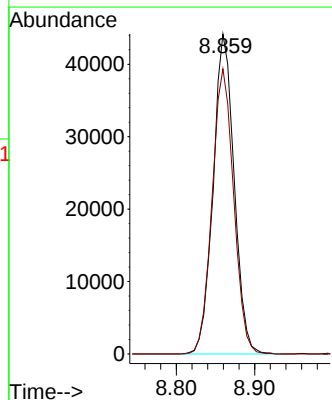
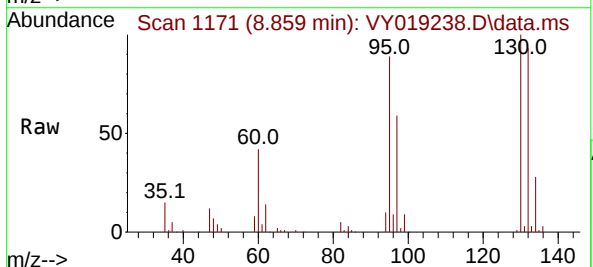
Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 43 Resp: 87885
Ion Ratio Lower Upper
43 100
61 20.4 27.9 41.9#
87 14.9 13.1 19.7



#44
Trichloroethene
Concen: 52.462 ug/l
RT: 8.859 min Scan# 1171
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion:130 Resp: 82330
Ion Ratio Lower Upper
130 100
95 89.1 0.0 188.0





#45

1,2-Dichloropropane

Concen: 54.235 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.012 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

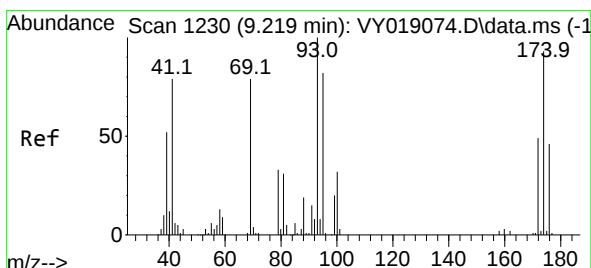
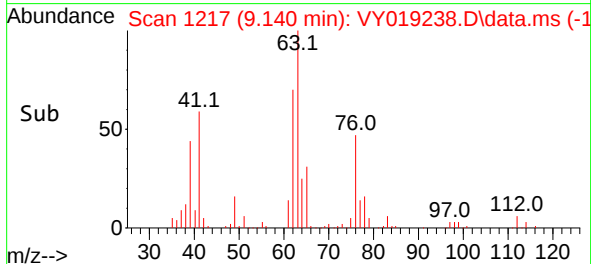
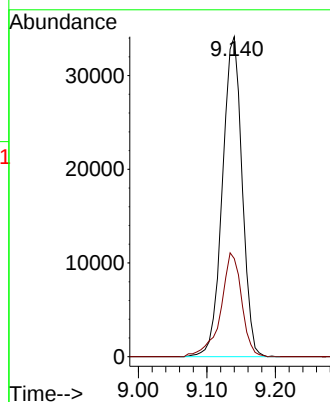
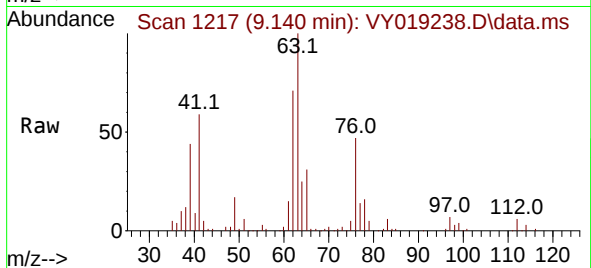
ClientSampleId :

Tgt Ion: 63 Resp: 67962

Ion Ratio Lower Upper

63 100

65 30.6 25.4 38.2



#46

Dibromomethane

Concen: 54.829 ug/l

RT: 9.225 min Scan# 1231

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

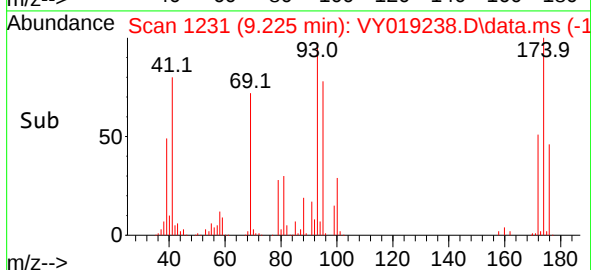
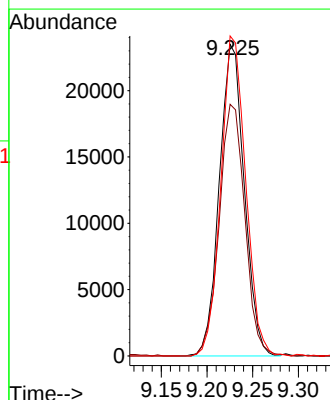
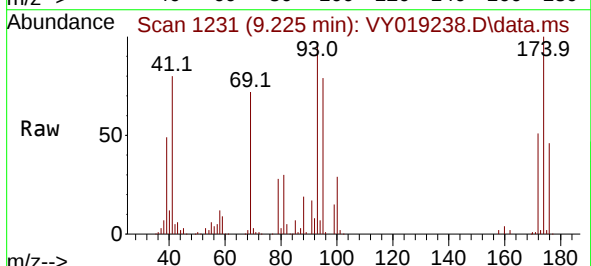
Tgt Ion: 93 Resp: 44562

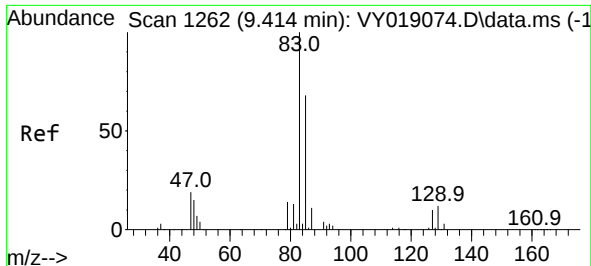
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 102.4 80.9 121.3

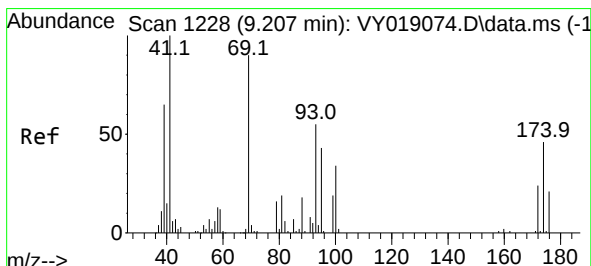
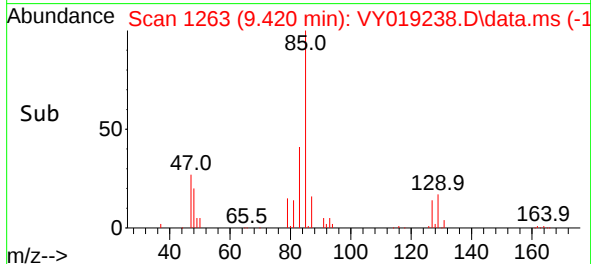
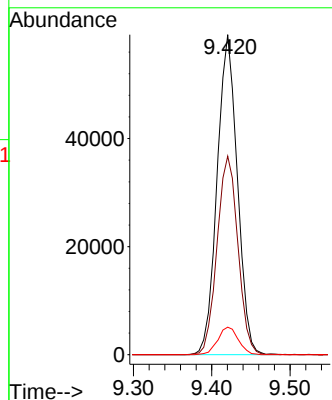
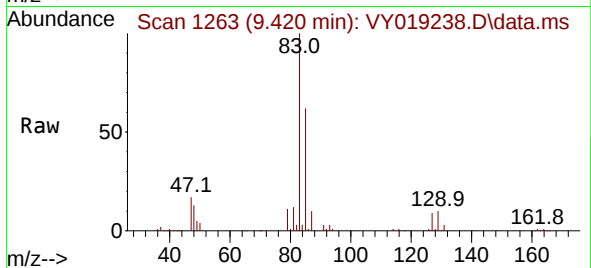




#47
Bromodichloromethane
Concen: 53.344 ug/l
RT: 9.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

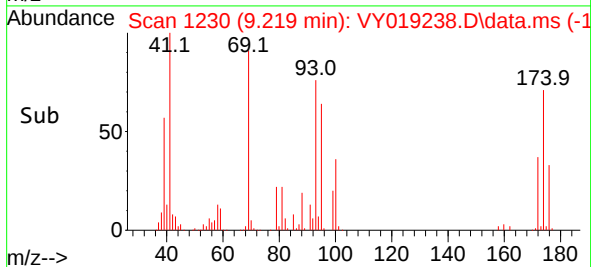
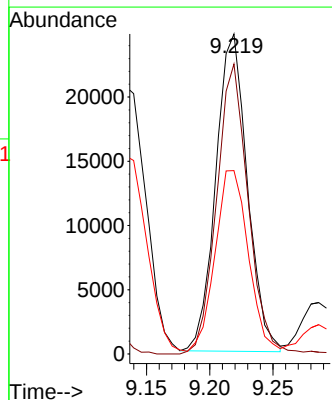
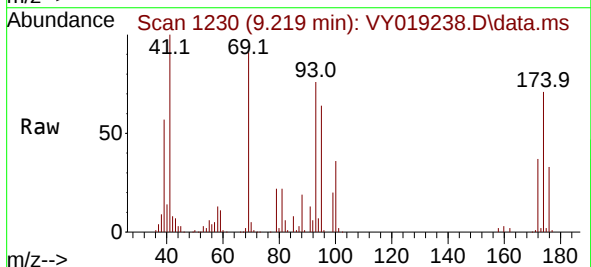
Instrument :
MSVOA_Y
ClientSampleId :

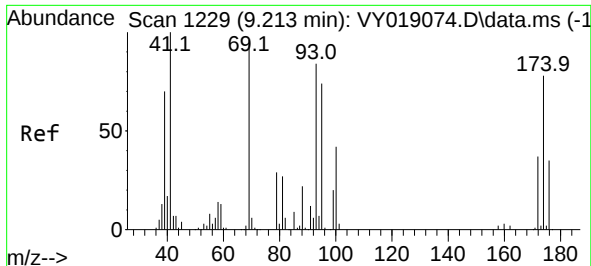
Tgt Ion: 83 Resp: 106368
Ion Ratio Lower Upper
83 100
85 62.0 50.1 75.1
127 8.6 7.4 11.0



#48
Methyl methacrylate
Concen: 58.554 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 41 Resp: 42878
Ion Ratio Lower Upper
41 100
69 91.6 84.1 126.1
39 59.7 43.6 65.4





#49

1,4-Dioxane

Concen: 1096.049 ug/l

RT: 9.213 min Scan# 1229

Delta R.T. 0.000 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

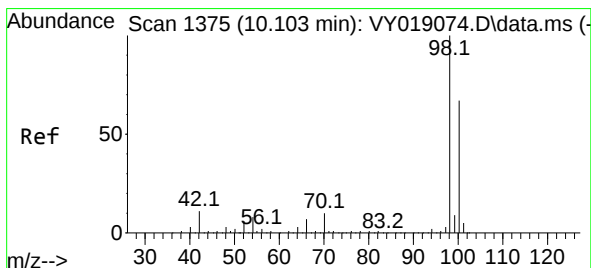
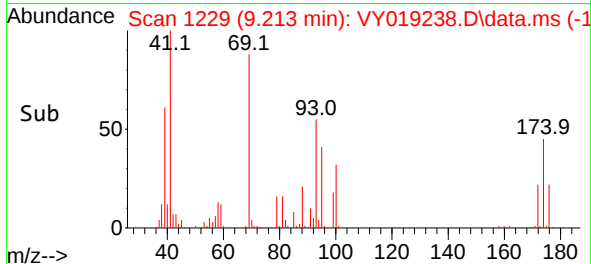
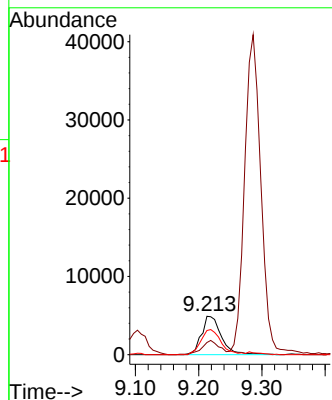
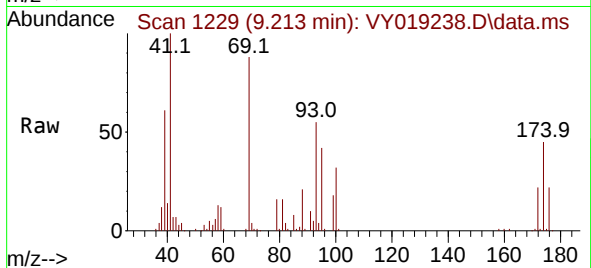
Tgt Ion: 88 Resp: 10791

Ion Ratio Lower Upper

88 100

43 32.0 0.0 0.0#

58 66.0 49.3 73.9



#50

Toluene-d8

Concen: 54.147 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. 0.000 min

Lab File: VY019238.D

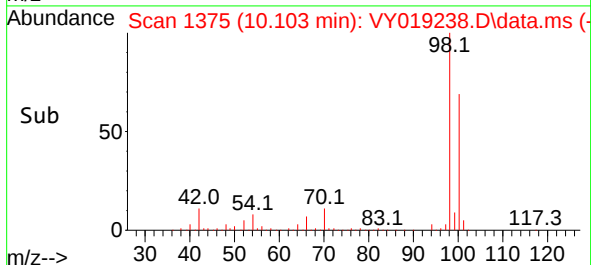
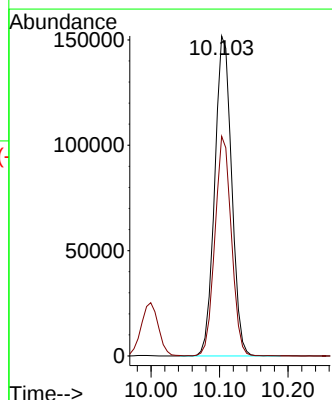
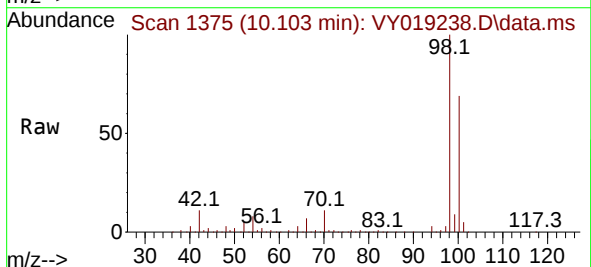
Acq: 22 Aug 2024 23:30

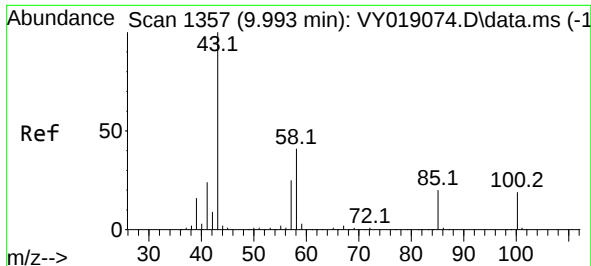
Tgt Ion: 98 Resp: 260224

Ion Ratio Lower Upper

98 100

100 66.7 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 278.264 ug/l

RT: 9.993 min Scan# 1357

Delta R.T. 0.000 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

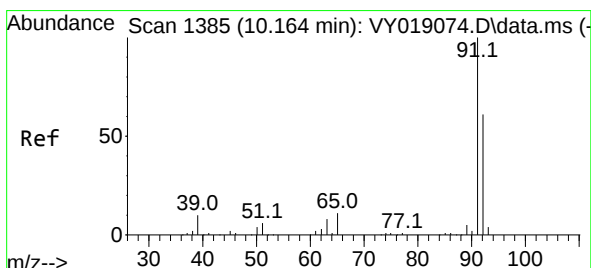
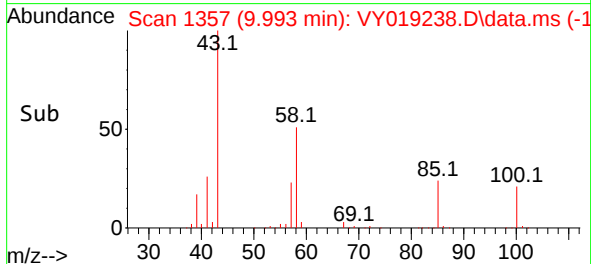
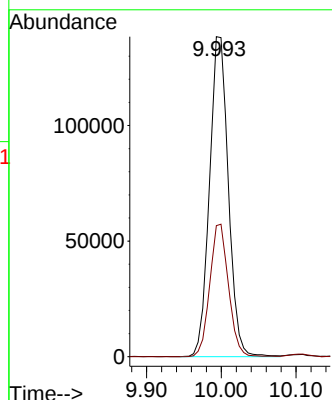
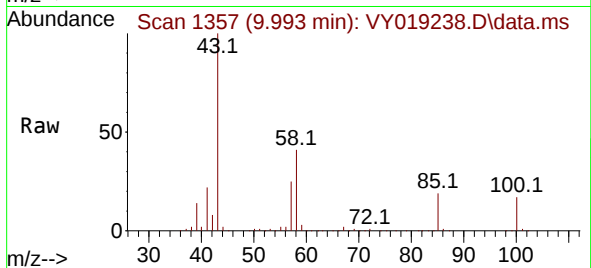
ClientSampleId :

Tgt Ion: 43 Resp: 242676

Ion Ratio Lower Upper

43 100

58 41.1 35.7 53.5



#52

Toluene

Concen: 56.300 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.006 min

Lab File: VY019238.D

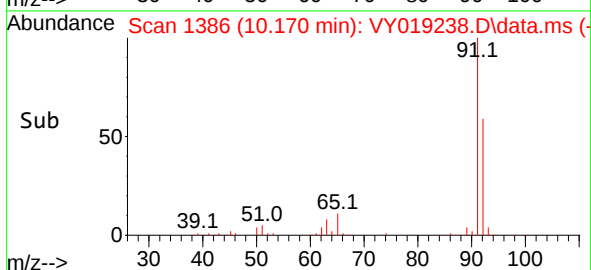
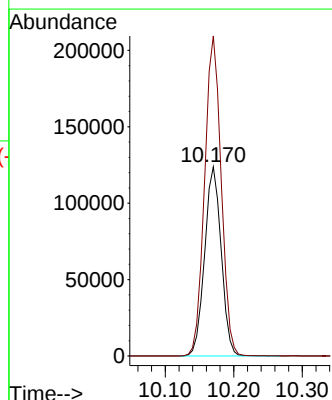
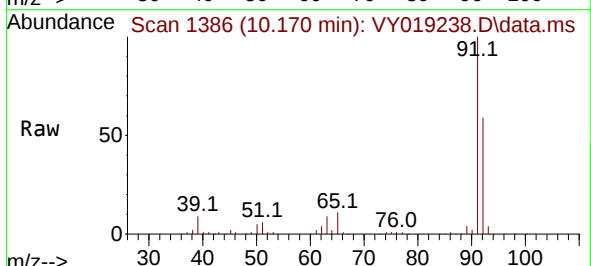
Acq: 22 Aug 2024 23:30

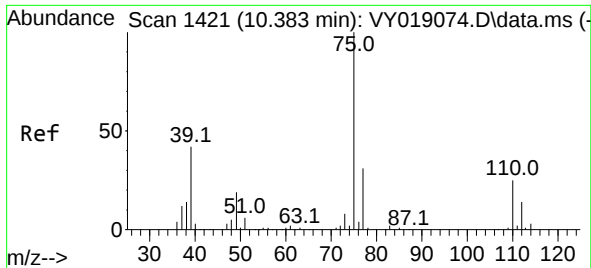
Tgt Ion: 92 Resp: 207850

Ion Ratio Lower Upper

92 100

91 170.0 139.0 208.6

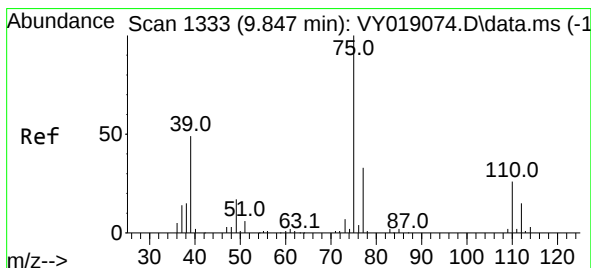
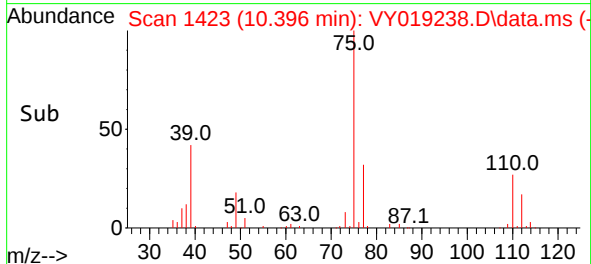
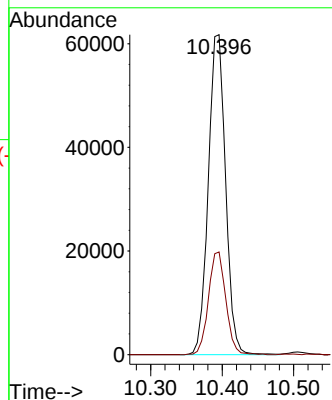
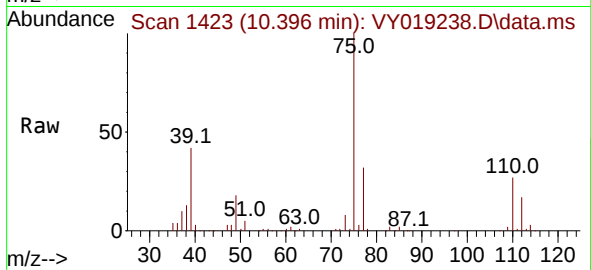




#53
 t-1,3-Dichloropropene
 Concen: 62.623 ug/l
 RT: 10.396 min Scan# 1421
 Delta R.T. 0.012 min
 Lab File: VY019238.D
 Acq: 22 Aug 2024 23:30

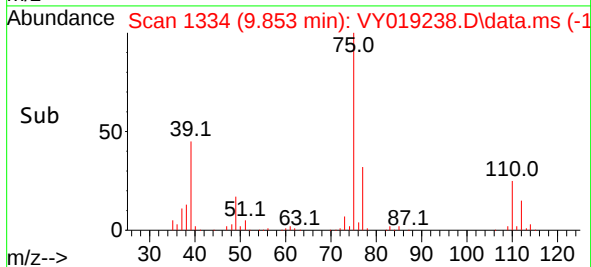
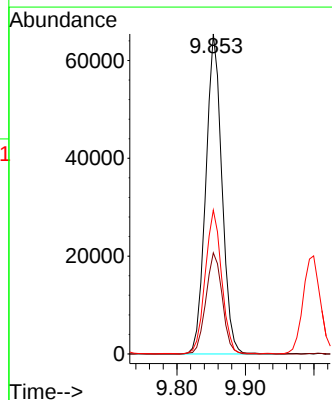
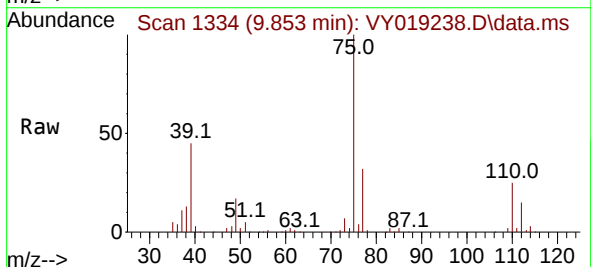
Instrument :
 MSVOA_Y
 ClientSampleId :

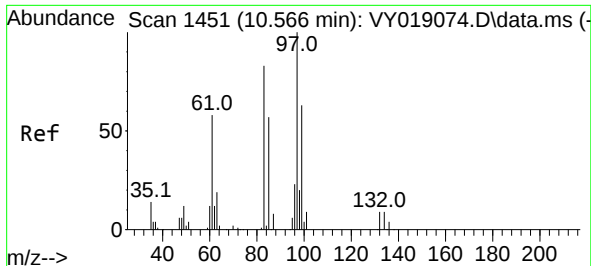
Tgt Ion: 75 Resp: 103583
 Ion Ratio Lower Upper
 75 100
 77 32.1 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 53.875 ug/l
 RT: 9.853 min Scan# 1334
 Delta R.T. 0.006 min
 Lab File: VY019238.D
 Acq: 22 Aug 2024 23:30

Tgt Ion: 75 Resp: 107171
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.4 38.0
 39 44.9 29.8 44.6#

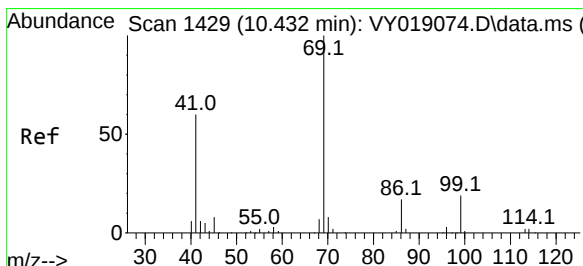
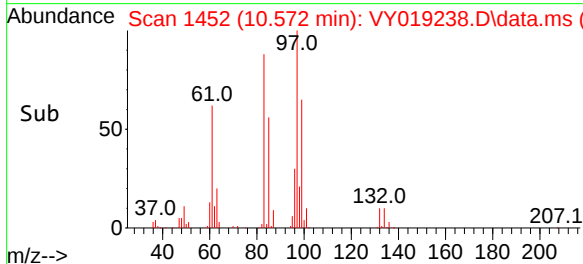
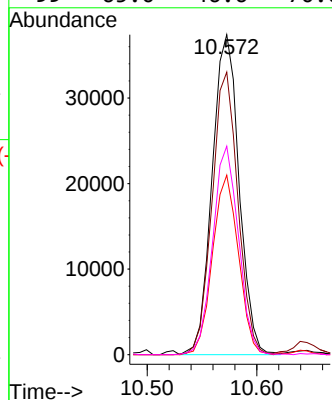
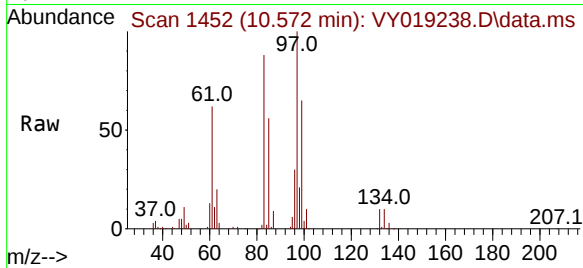




#55
1,1,2-Trichloroethane
Concen: 61.069 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

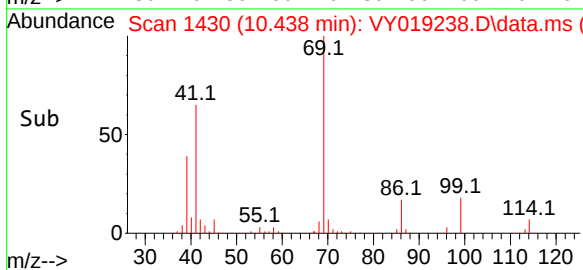
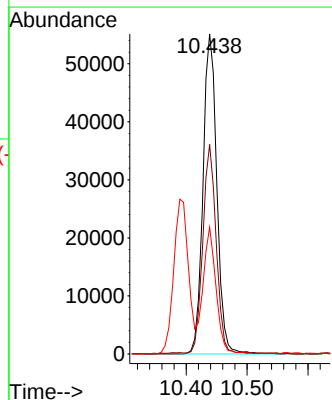
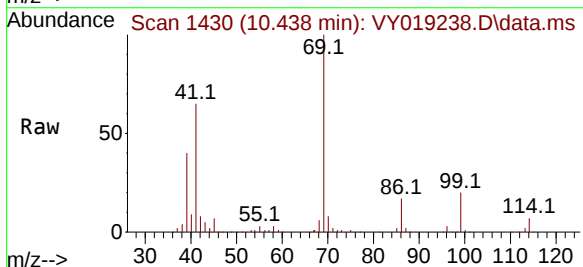
Instrument :
MSVOA_Y
ClientSampleId :

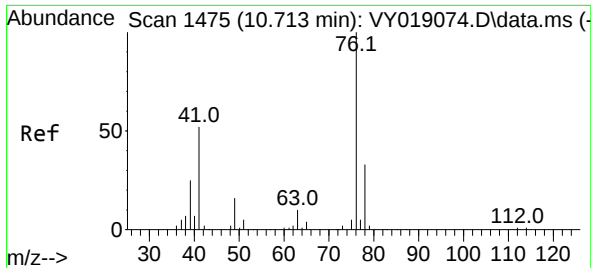
Tgt Ion:	97	Resp:	63895
Ion	Ratio	Lower	Upper
97	100		
83	88.1	67.5	101.3
85	56.1	42.9	64.3
99	65.0	46.6	70.0



#56
Ethyl methacrylate
Concen: 63.711 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion:	69	Resp:	87252
Ion	Ratio	Lower	Upper
69	100		
41	63.0	42.3	63.5
39	37.1	22.9	34.3

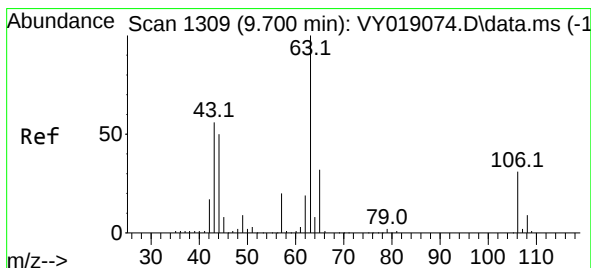
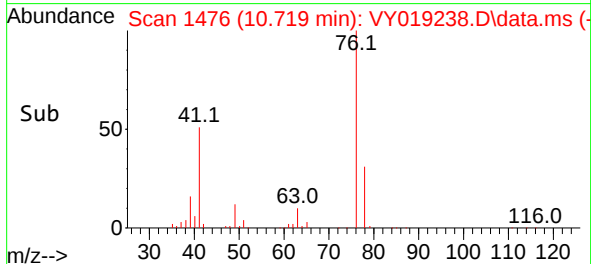
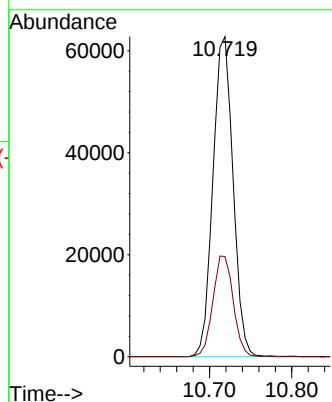
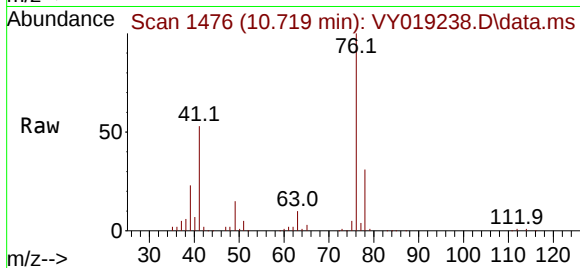




#57
1,3-Dichloropropane
Concen: 62.473 ug/l
RT: 10.719 min Scan# 1475
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

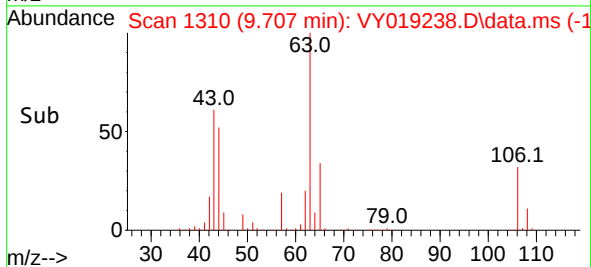
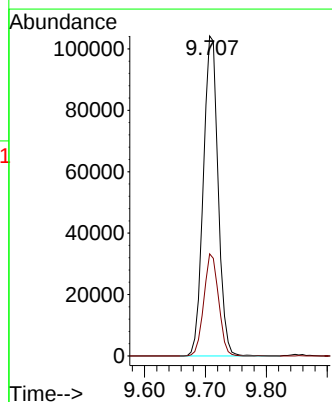
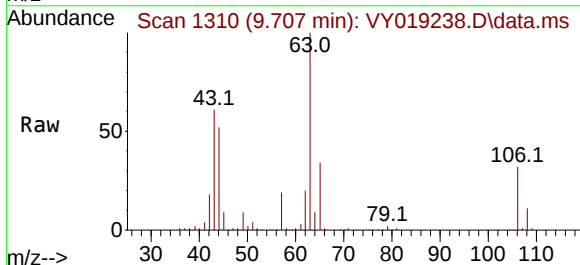
Instrument :
MSVOA_Y
ClientSampleId :

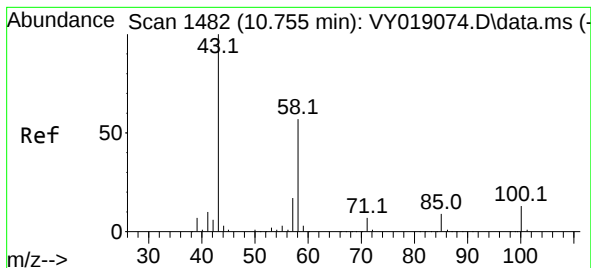
Tgt Ion: 76 Resp: 106554
Ion Ratio Lower Upper
76 100
78 31.9 26.2 39.4



#58
2-Chloroethyl Vinyl ether
Concen: 270.549 ug/l
RT: 9.707 min Scan# 1310
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 63 Resp: 175771
Ion Ratio Lower Upper
63 100
106 31.7 23.7 35.5





#59

2-Hexanone

Concen: 311.196 ug/l

RT: 10.761 min Scan# 1483

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

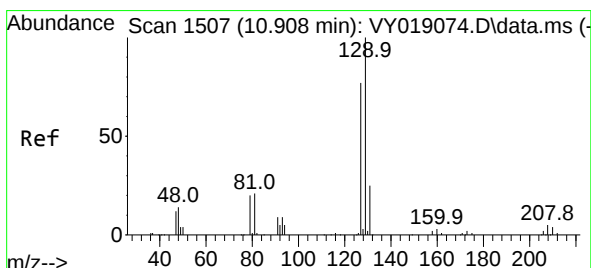
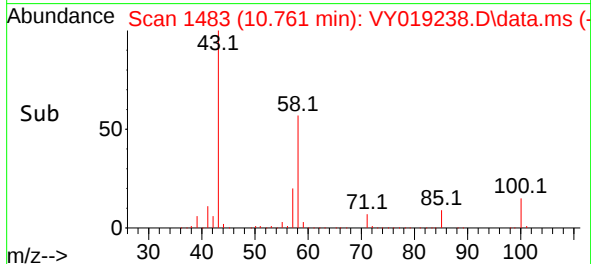
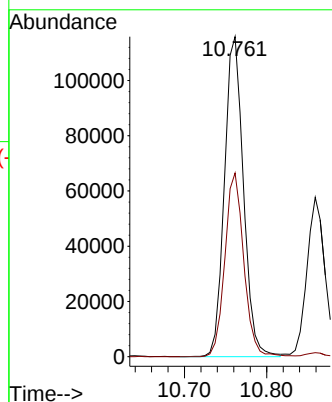
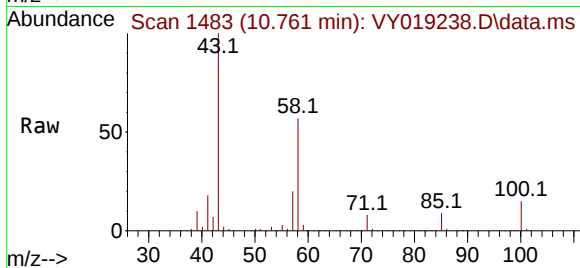
ClientSampleId :

Tgt Ion: 43 Resp: 186455

Ion Ratio Lower Upper

43 100

58 57.1 31.4 94.0



#60

Dibromochloromethane

Concen: 60.673 ug/l

RT: 10.914 min Scan# 1508

Delta R.T. 0.006 min

Lab File: VY019238.D

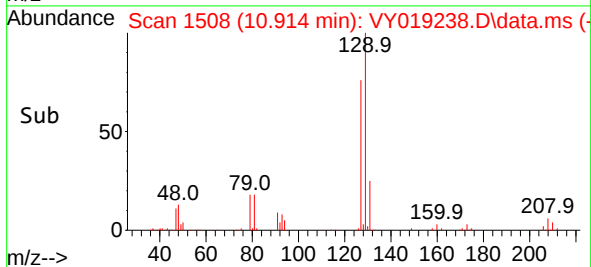
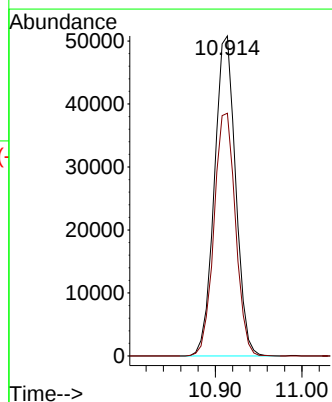
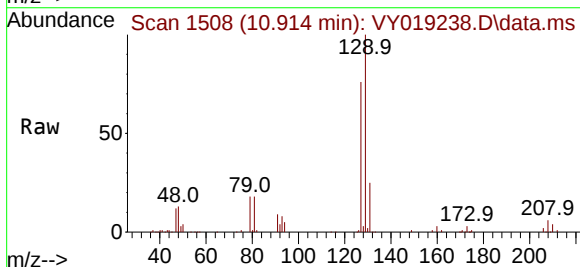
Acq: 22 Aug 2024 23:30

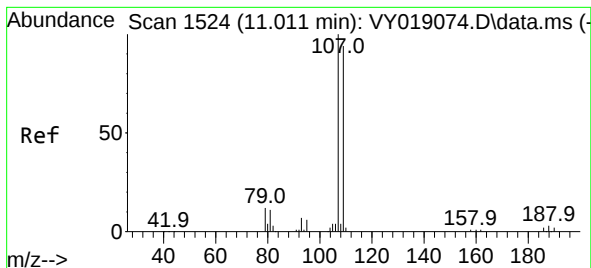
Tgt Ion: 129 Resp: 86463

Ion Ratio Lower Upper

129 100

127 76.7 39.0 117.0





#61

1,2-Dibromoethane

Concen: 60.422 ug/l

RT: 11.011 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

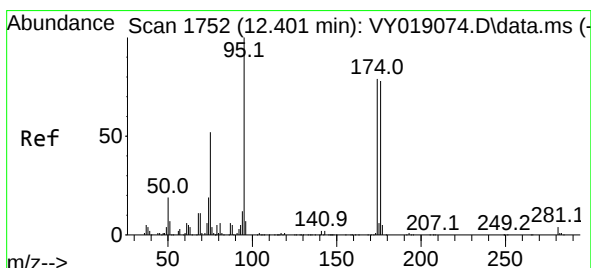
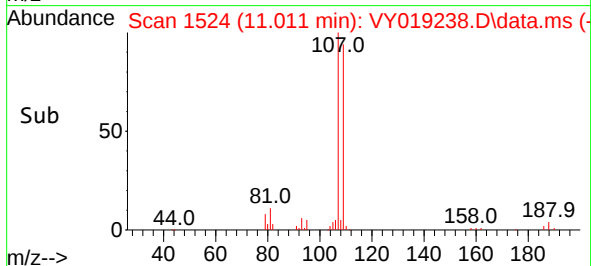
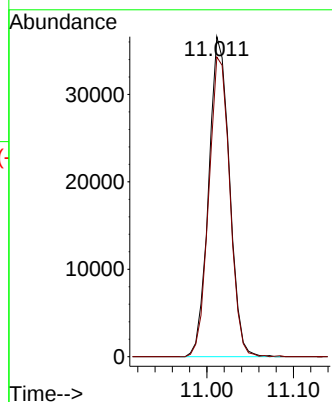
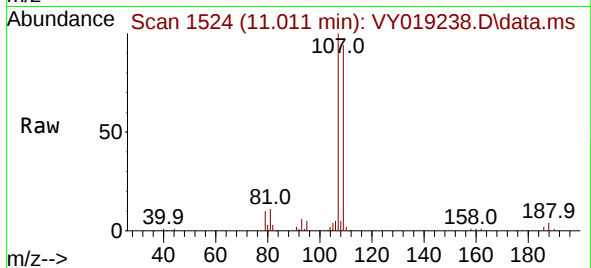
ClientSampleId :

Tgt Ion:107 Resp: 61103

Ion Ratio Lower Upper

107 100

109 94.2 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 58.763 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

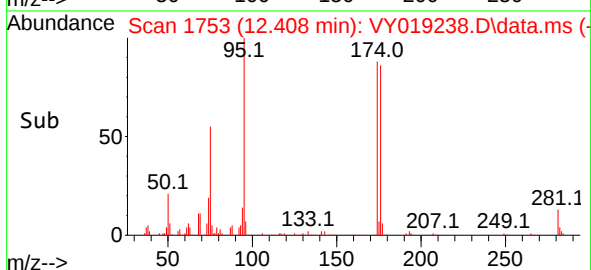
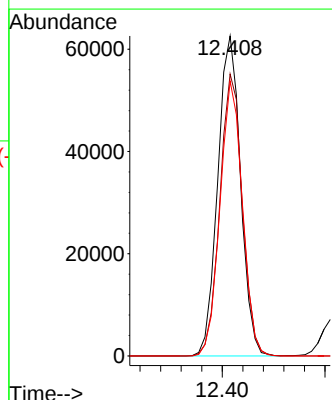
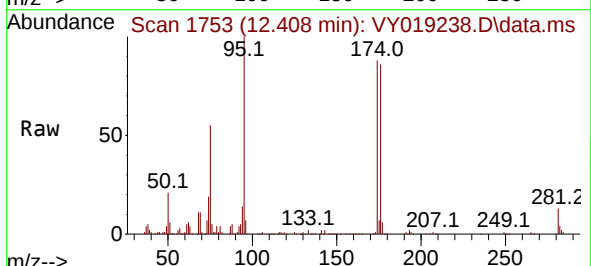
Tgt Ion: 95 Resp: 96271

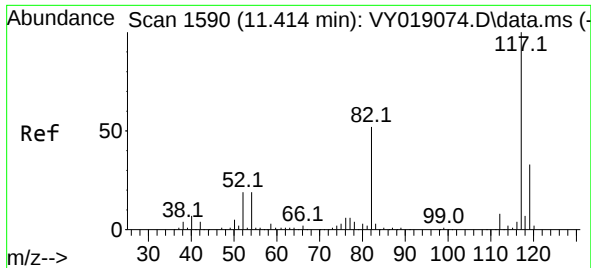
Ion Ratio Lower Upper

95 100

174 86.9 0.0 175.6

176 84.2 0.0 171.4

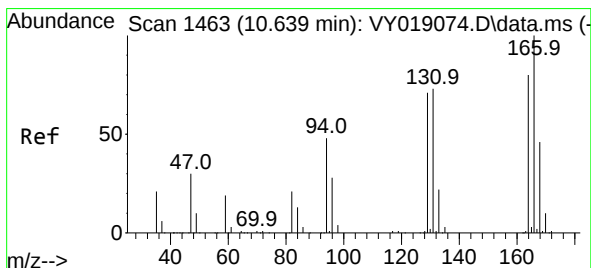
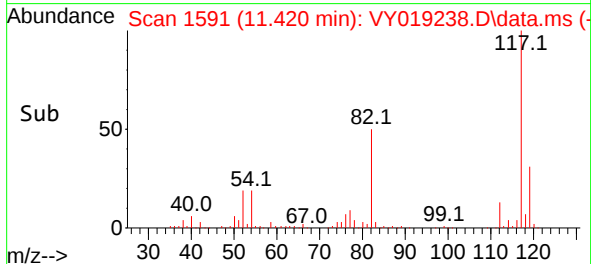
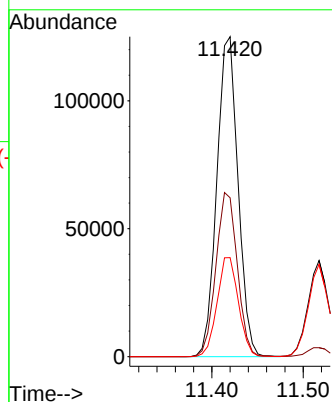
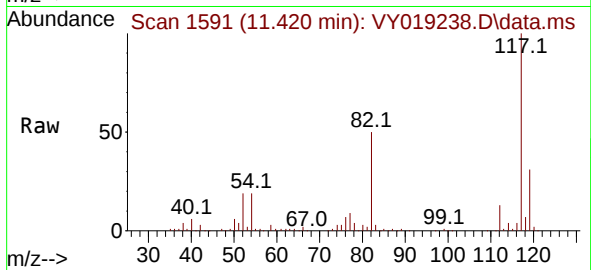




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.420 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

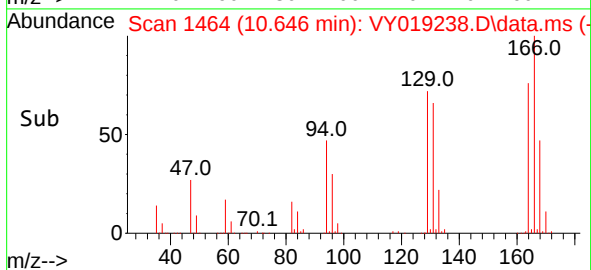
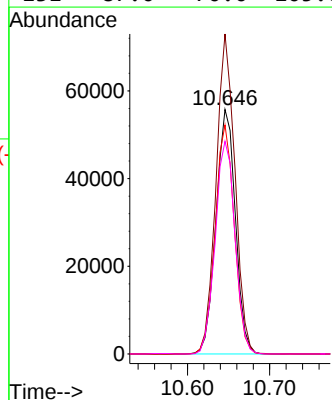
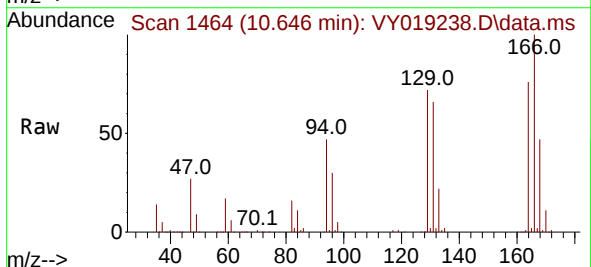
Instrument :
MSVOA_Y
ClientSampleId :

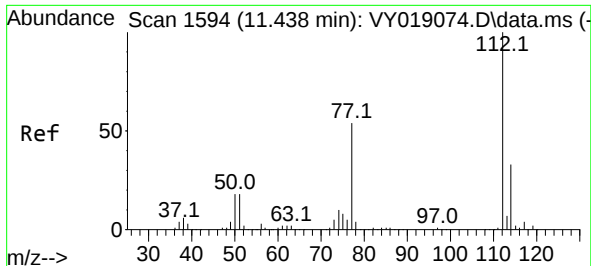
Tgt Ion:117 Resp: 201456
Ion Ratio Lower Upper
117 100
82 49.6 42.4 63.6
119 31.0 25.9 38.9



#64
Tetrachloroethene
Concen: 52.128 ug/l
RT: 10.646 min Scan# 1464
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion:164 Resp: 91792
Ion Ratio Lower Upper
164 100
166 130.9 102.6 154.0
129 93.7 72.0 108.0
131 87.0 70.0 105.0

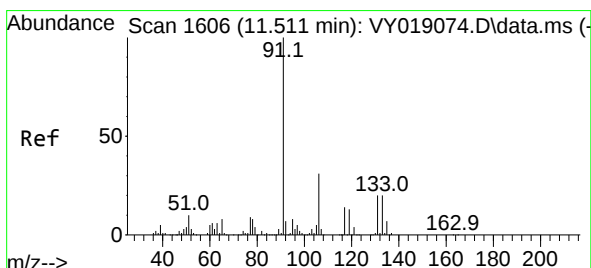
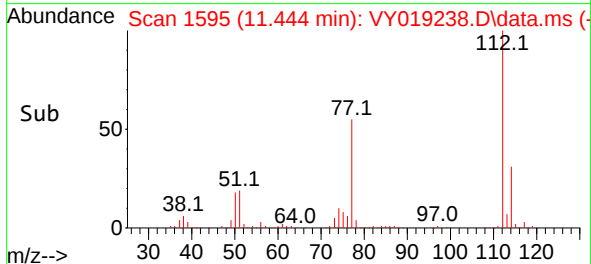
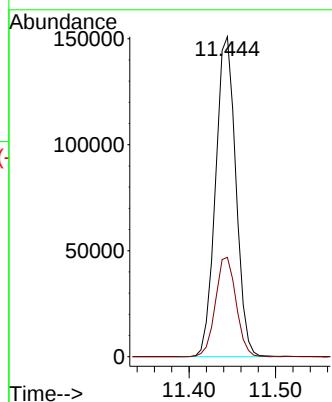
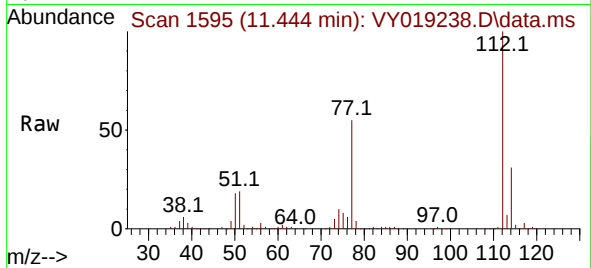




#65
Chlorobenzene
Concen: 52.916 ug/l
RT: 11.444 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

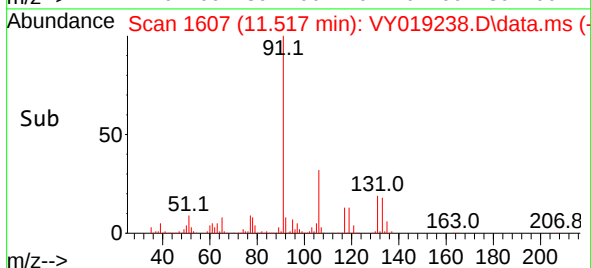
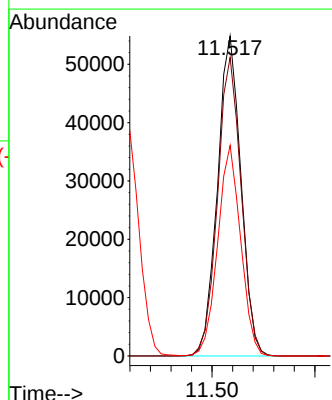
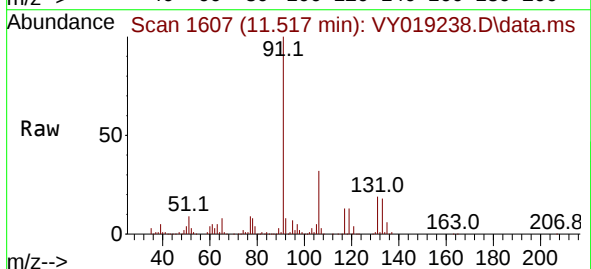
Instrument :
MSVOA_Y
ClientSampleId :

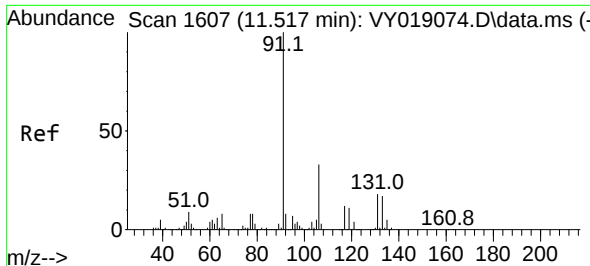
Tgt Ion:112 Resp: 245466
Ion Ratio Lower Upper
112 100
114 31.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 53.180 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion:131 Resp: 86753
Ion Ratio Lower Upper
131 100
133 94.0 47.8 143.3
119 64.6 34.1 102.2

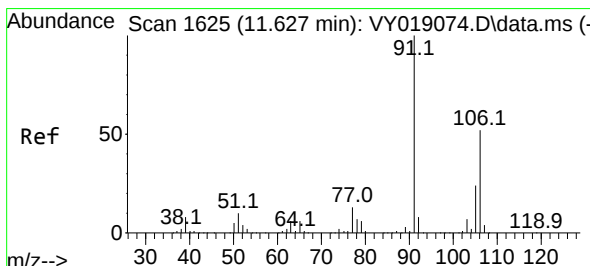
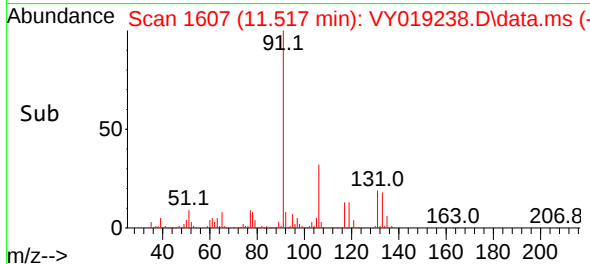
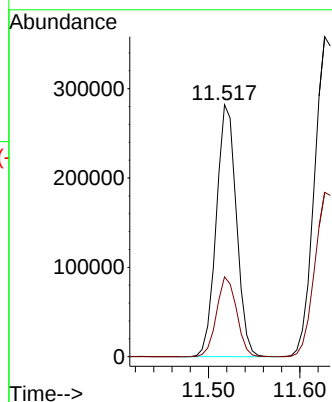
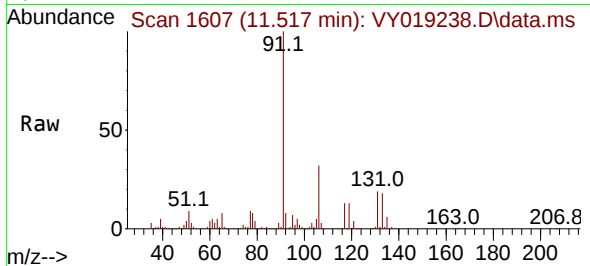




#67
Ethyl Benzene
Concen: 53.639 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. 0.000 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

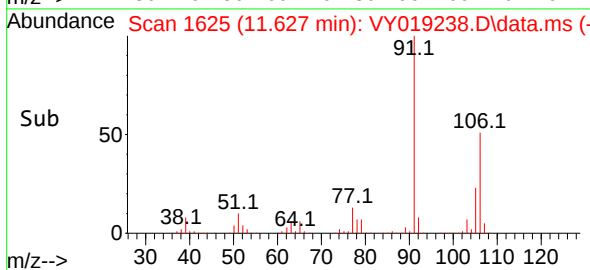
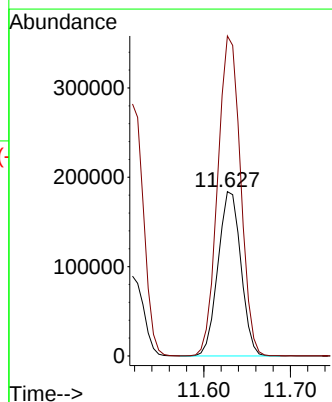
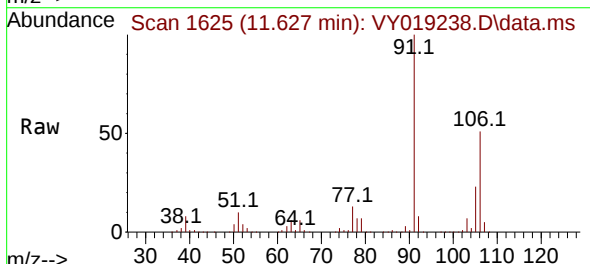
Instrument :
MSVOA_Y
ClientSampleId :

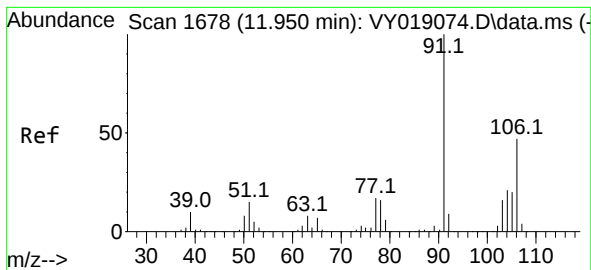
Tgt Ion: 91 Resp: 431864
Ion Ratio Lower Upper
91 100
106 31.7 24.5 36.7



#68
m/p-Xylenes
Concen: 105.654 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. 0.000 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion:106 Resp: 337534
Ion Ratio Lower Upper
106 100
91 194.5 156.0 234.0





#69

o-Xylene

Concen: 53.654 ug/l

RT: 11.956 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

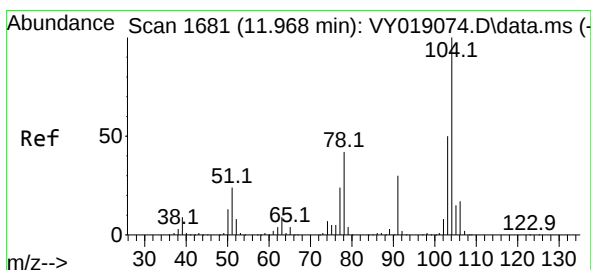
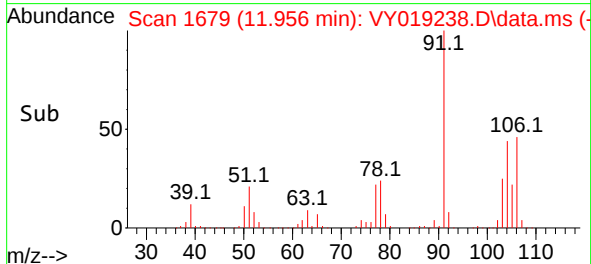
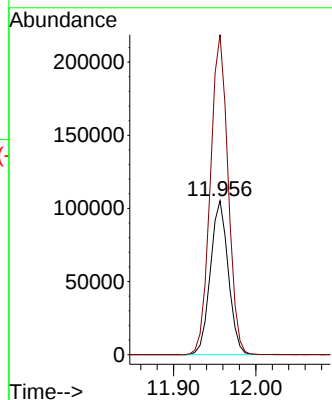
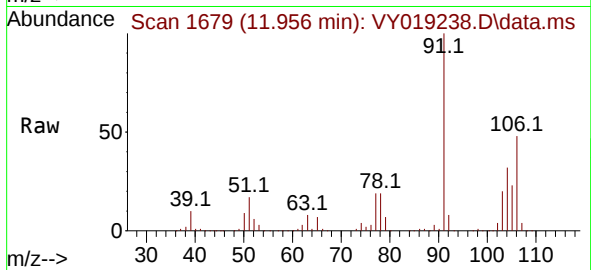
ClientSampleId :

Tgt Ion:106 Resp: 158733

Ion Ratio Lower Upper

106 100

91 206.6 103.6 310.8



#70

Styrene

Concen: 54.651 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

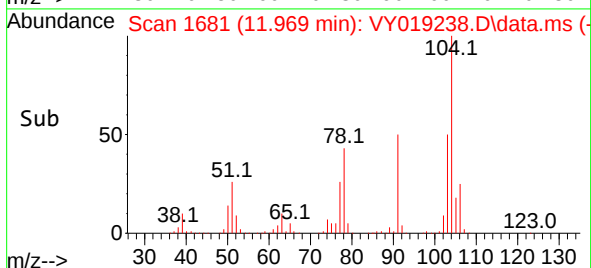
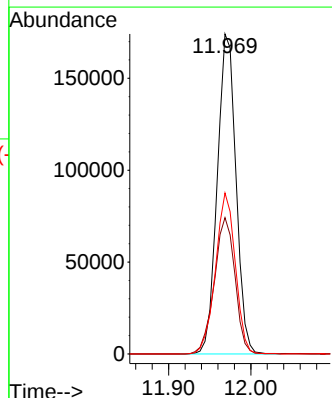
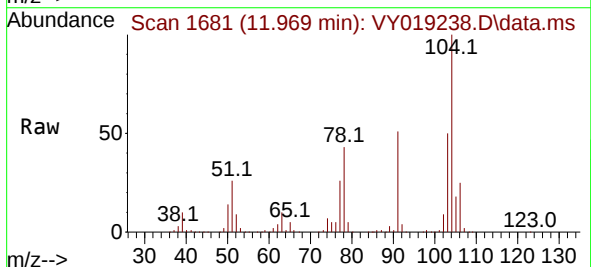
Tgt Ion:104 Resp: 275713

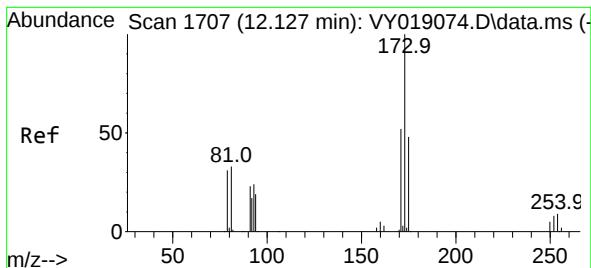
Ion Ratio Lower Upper

104 100

78 46.9 37.0 55.4

103 53.3 44.2 66.2





#71

Bromoform

Concen: 53.722 ug/l

RT: 12.133 min Scan# 1707

Delta R.T. 0.006 min

Lab File: VY019238.D

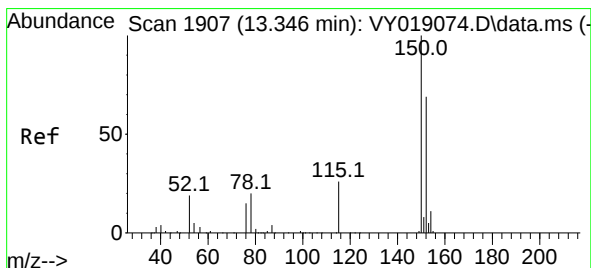
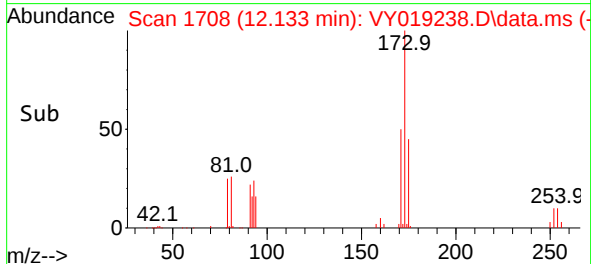
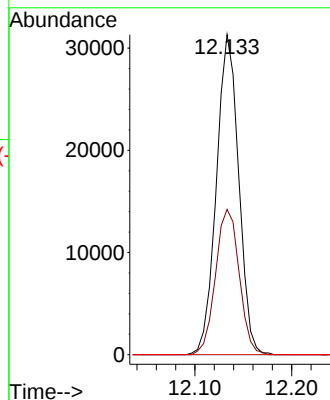
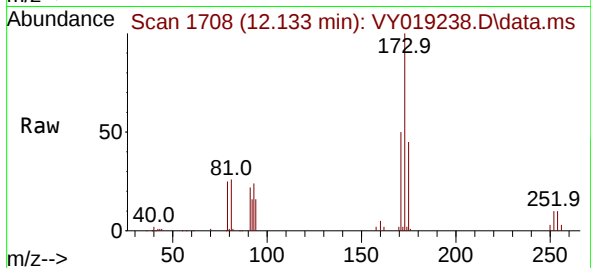
Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:	173	Resp:	50097
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

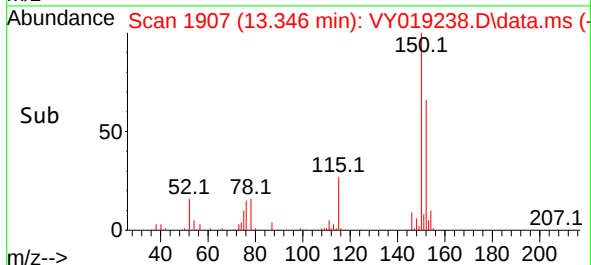
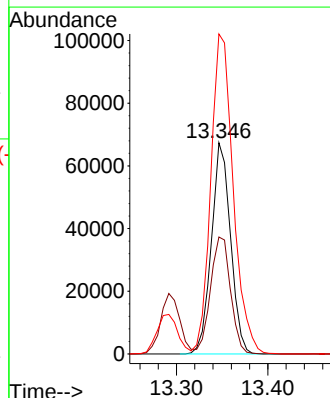
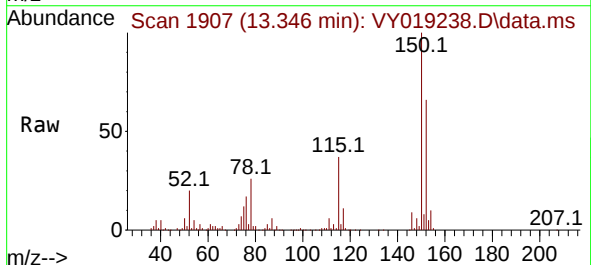
RT: 13.346 min Scan# 1907

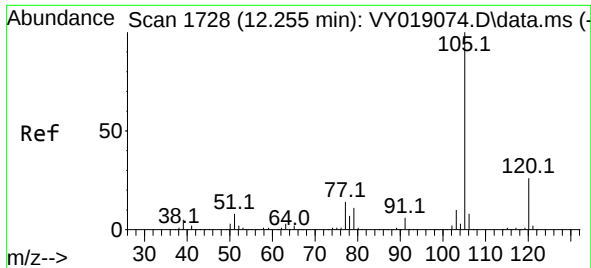
Delta R.T. 0.000 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Tgt Ion:	152	Resp:	98067
Ion Ratio	Lower	Upper	
152	100		
115	58.2	28.2	84.7
150	177.2	0.0	345.6

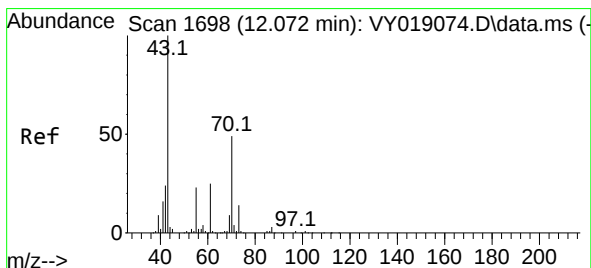
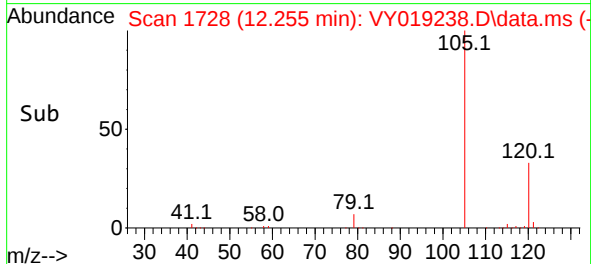
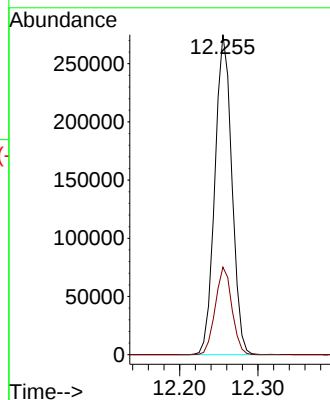
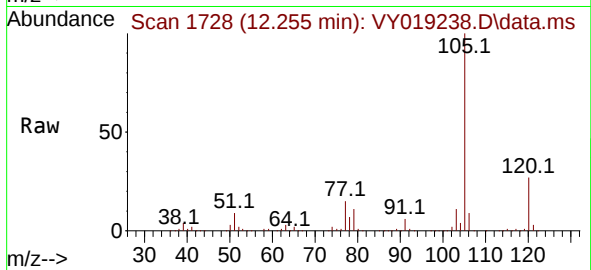




#73
Isopropylbenzene
Concen: 55.126 ug/l
RT: 12.255 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

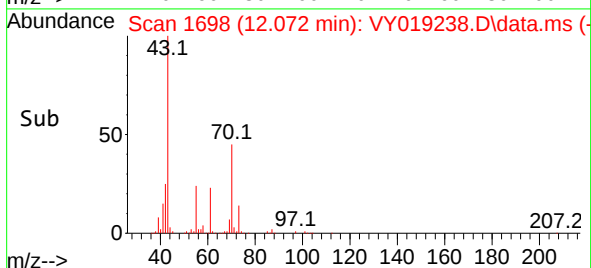
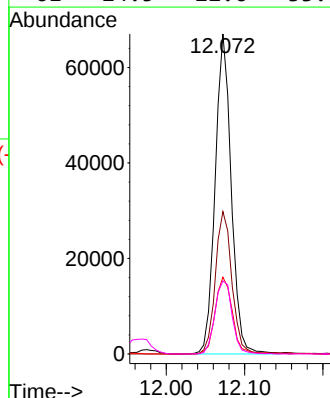
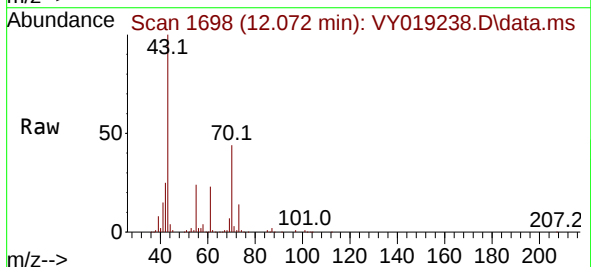
Instrument :
MSVOA_Y
ClientSampleId :

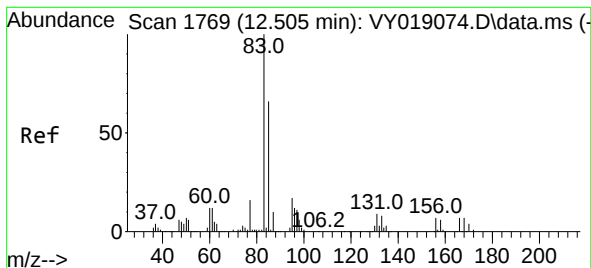
Tgt Ion:105 Resp: 414348
Ion Ratio Lower Upper
105 100
120 26.8 13.4 40.1



#74
N-ethyl acetate
Concen: 58.351 ug/l
RT: 12.072 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 43 Resp: 95637
Ion Ratio Lower Upper
43 100
70 45.7 41.4 62.2
55 25.7 23.3 34.9
61 24.5 22.6 33.8





#75

1,1,2,2-Tetrachloroethane

Concen: 52.714 ug/l

RT: 12.511 min Scan# 1770

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

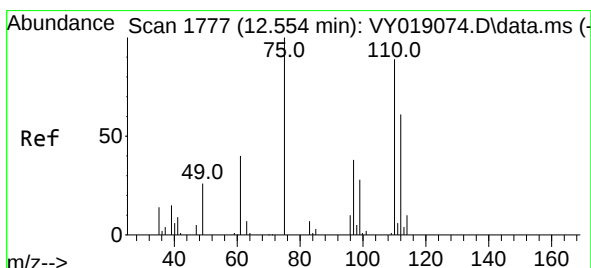
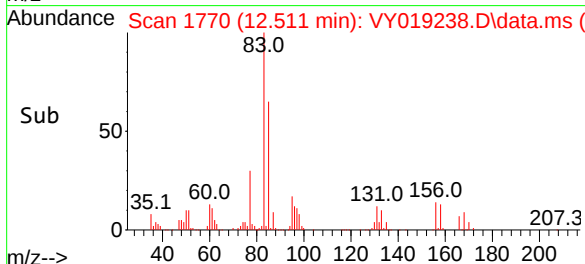
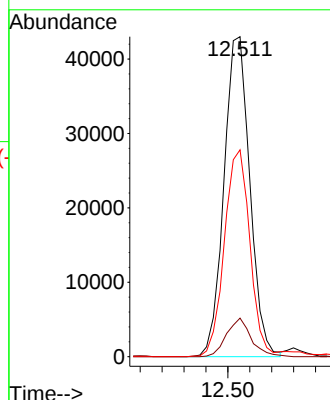
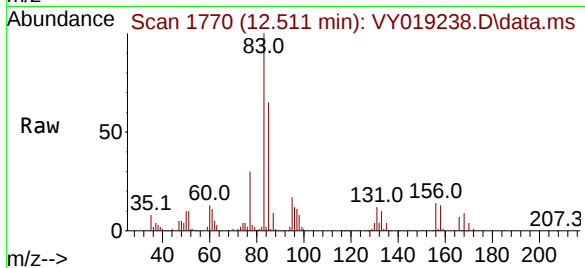
Tgt Ion: 83 Resp: 70539

Ion Ratio Lower Upper

83 100

131 11.5 5.0 14.9

85 63.8 32.0 96.0



#76

1,2,3-Trichloropropane

Concen: 91.632 ug/l

RT: 12.560 min Scan# 1778

Delta R.T. 0.006 min

Lab File: VY019238.D

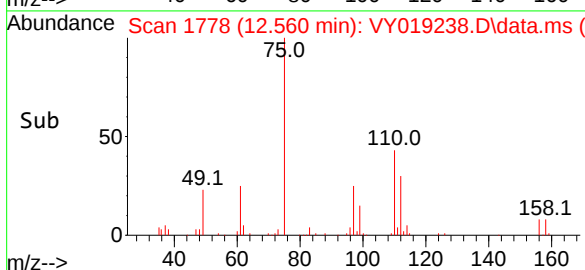
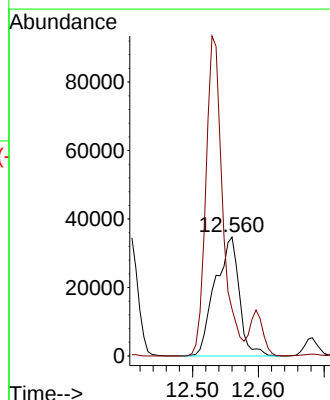
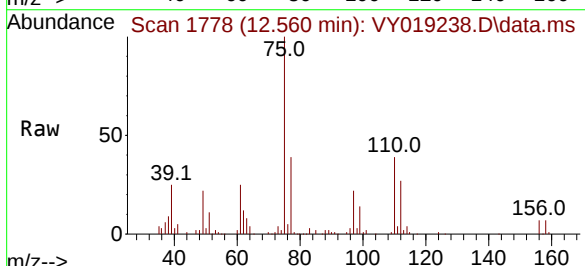
Acq: 22 Aug 2024 23:30

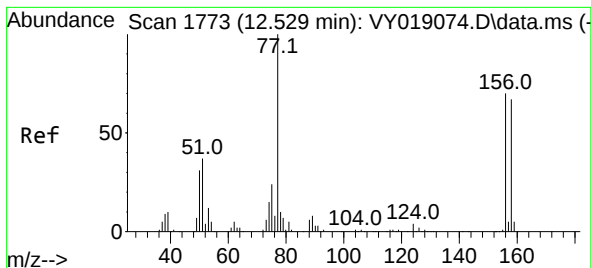
Tgt Ion: 75 Resp: 88619

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 54.086 ug/l

RT: 12.536 min Scan# 1773

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

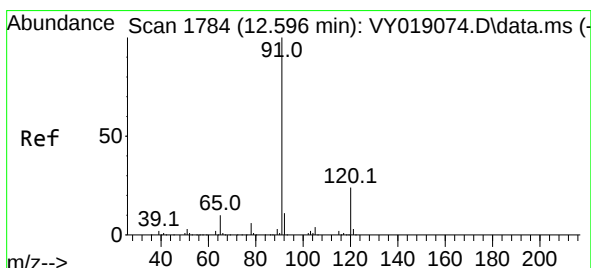
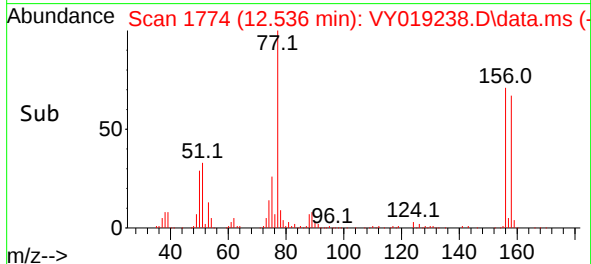
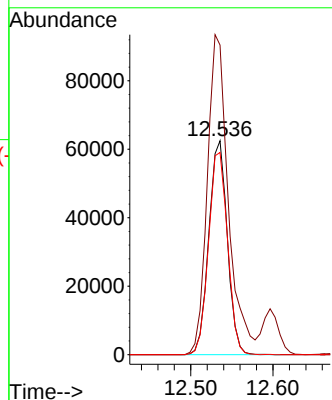
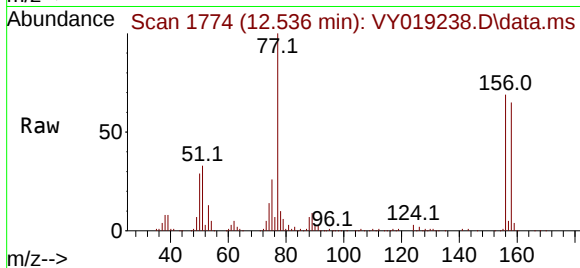
Tgt Ion:156 Resp: 97631

Ion Ratio Lower Upper

156 100

77 170.0 87.1 261.3

158 97.4 48.6 145.9



#78

n-propylbenzene

Concen: 54.532 ug/l

RT: 12.597 min Scan# 1784

Delta R.T. 0.000 min

Lab File: VY019238.D

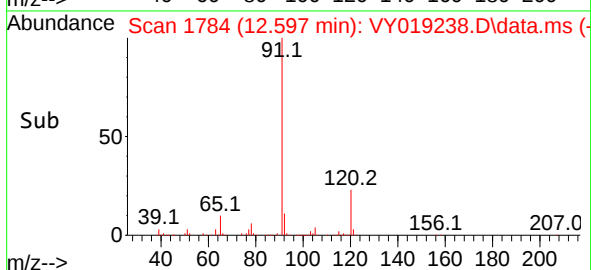
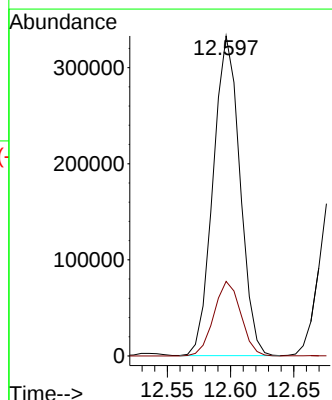
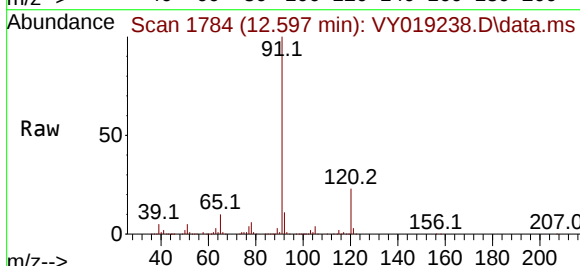
Acq: 22 Aug 2024 23:30

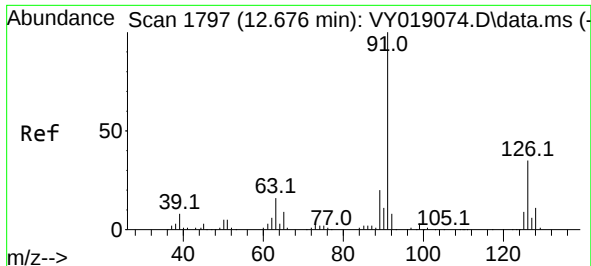
Tgt Ion: 91 Resp: 489989

Ion Ratio Lower Upper

91 100

120 23.4 11.5 34.4





#79

2-Chlorotoluene

Concen: 54.652 ug/l

RT: 12.682 min Scan# 1798

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

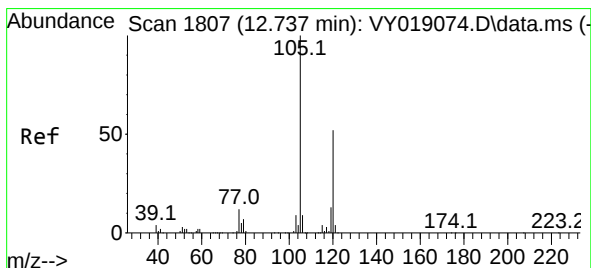
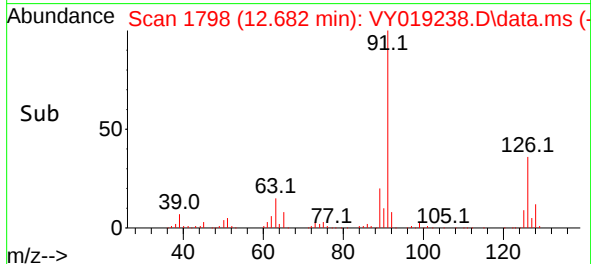
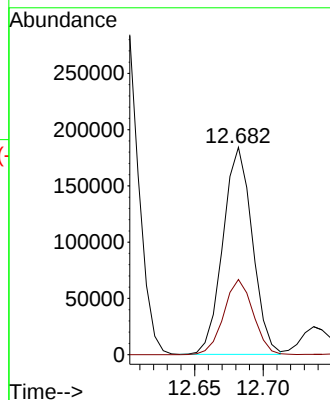
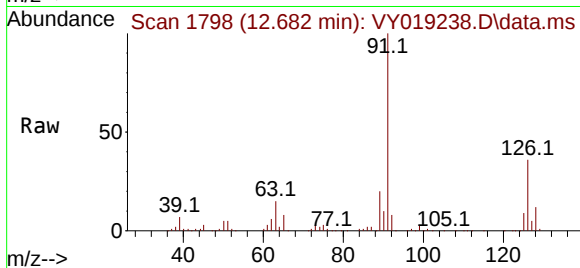
ClientSampleId :

Tgt Ion: 91 Resp: 275312

Ion Ratio Lower Upper

91 100

126 36.2 17.8 53.5



#80

1,3,5-Trimethylbenzene

Concen: 54.329 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.000 min

Lab File: VY019238.D

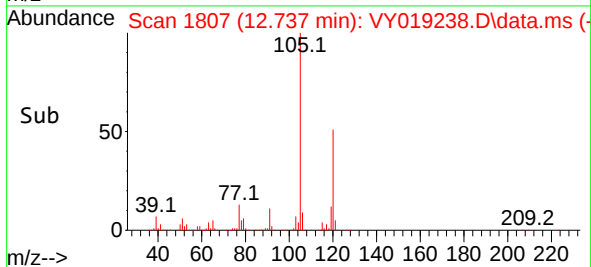
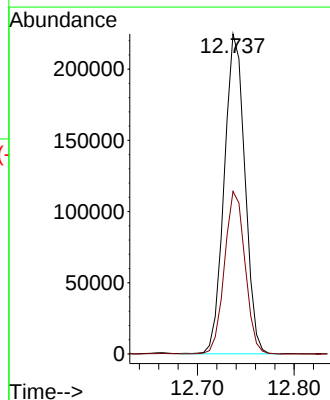
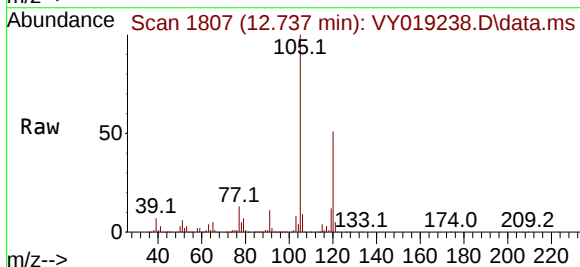
Acq: 22 Aug 2024 23:30

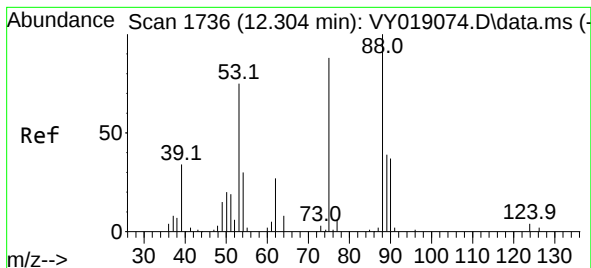
Tgt Ion:105 Resp: 332670

Ion Ratio Lower Upper

105 100

120 50.6 25.1 75.2

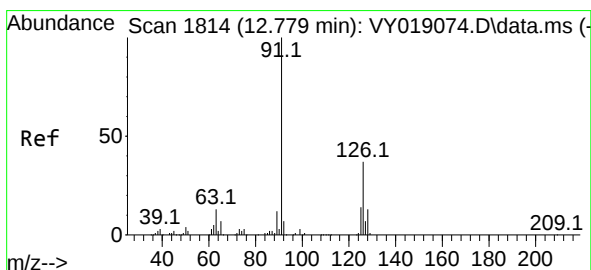
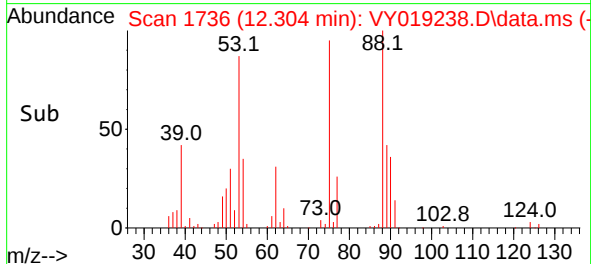
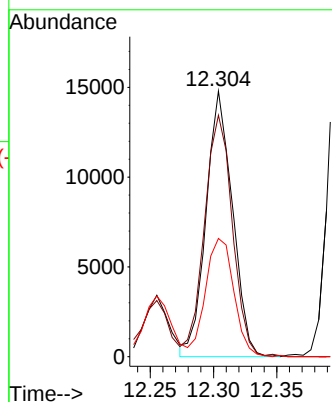
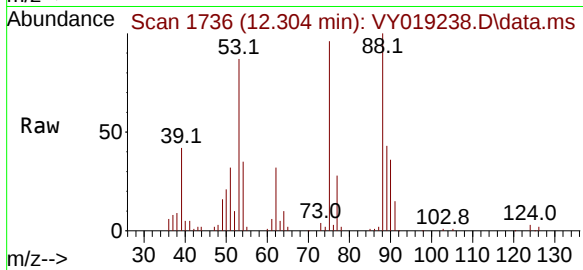




#81
trans-1,4-Dichloro-2-butene
Concen: 54.934 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

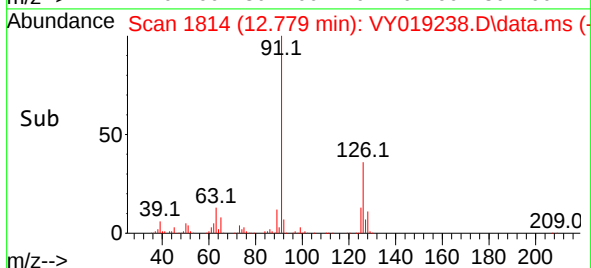
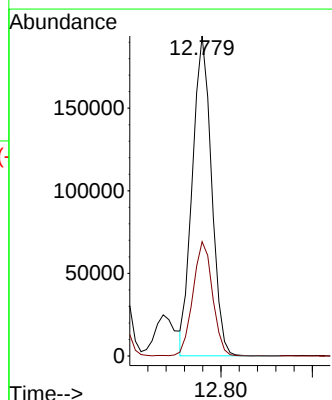
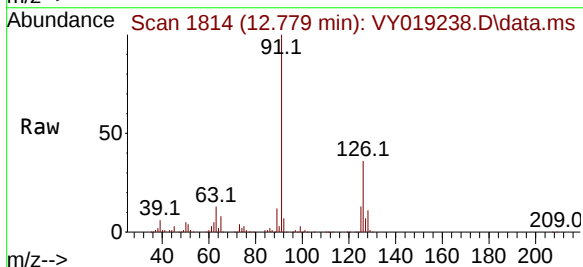
Instrument :
MSVOA_Y
ClientSampleId :

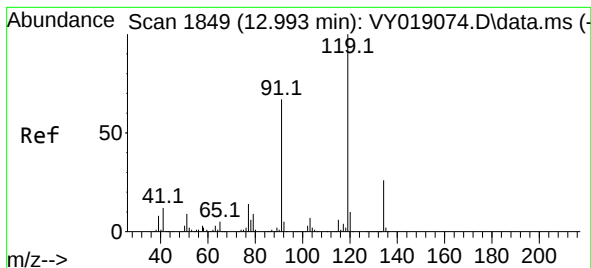
Tgt Ion: 75 Resp: 21512
Ion Ratio Lower Upper
75 100
53 96.2 66.8 100.2
89 47.5 35.8 53.6



#82
4-Chlorotoluene
Concen: 53.649 ug/l
RT: 12.779 min Scan# 1814
Delta R.T. 0.000 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion: 91 Resp: 281174
Ion Ratio Lower Upper
91 100
126 36.6 17.6 52.9





#83

tert-Butylbenzene

Concen: 52.903 ug/l

RT: 12.999 min Scan# 1849

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

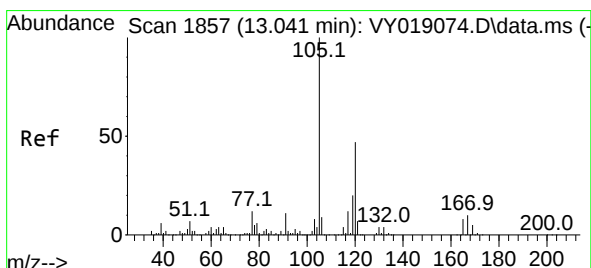
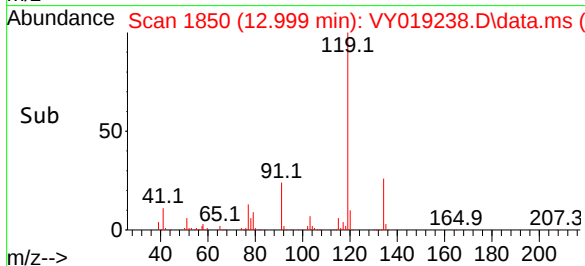
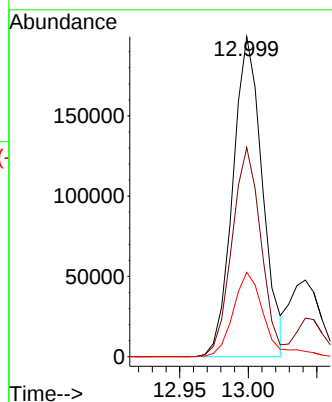
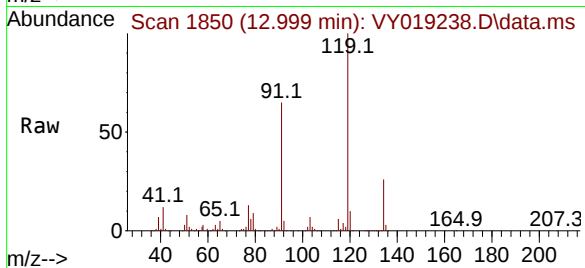
Tgt Ion:119 Resp: 299150

Ion Ratio Lower Upper

119 100

91 64.0 31.3 93.8

134 27.7 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 54.625 ug/l

RT: 13.048 min Scan# 1858

Delta R.T. 0.006 min

Lab File: VY019238.D

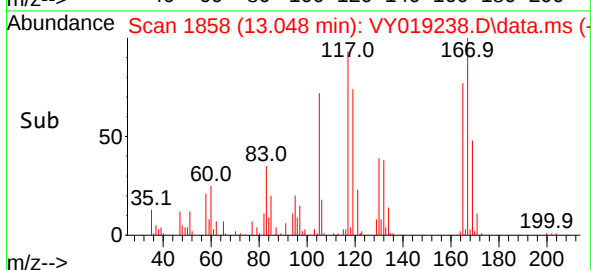
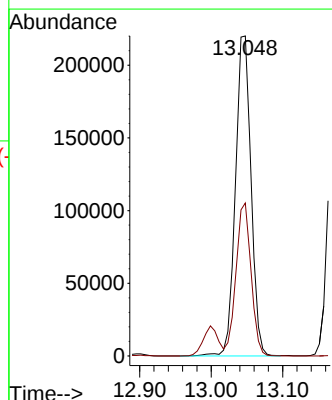
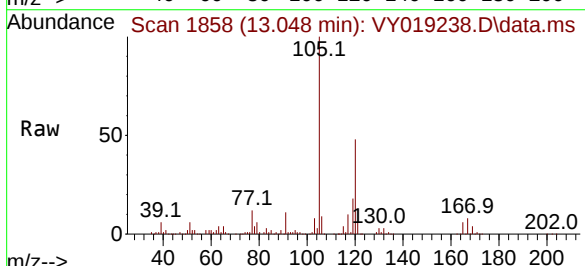
Acq: 22 Aug 2024 23:30

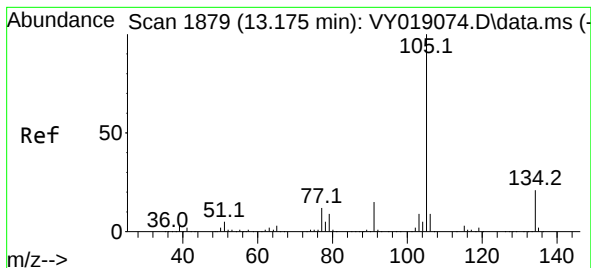
Tgt Ion:105 Resp: 333362

Ion Ratio Lower Upper

105 100

120 46.3 23.2 69.6





#85

sec-Butylbenzene

Concen: 53.547 ug/l

RT: 13.176 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

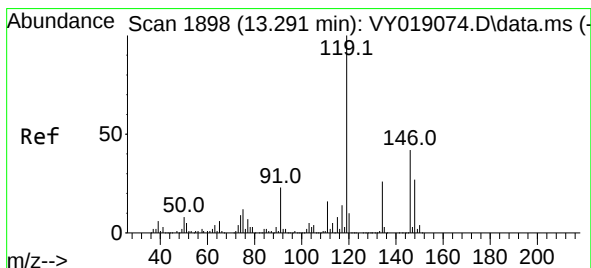
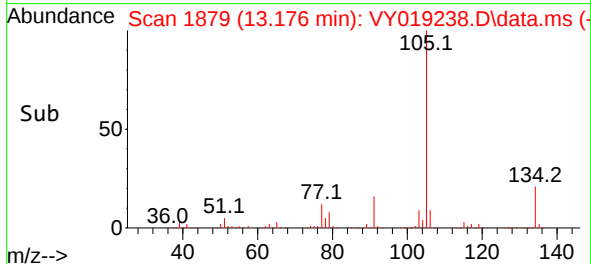
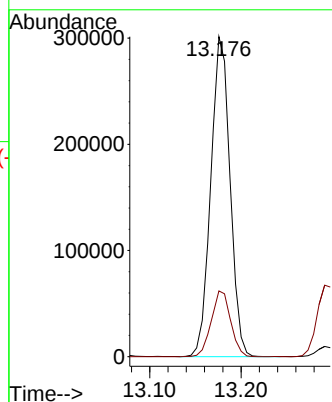
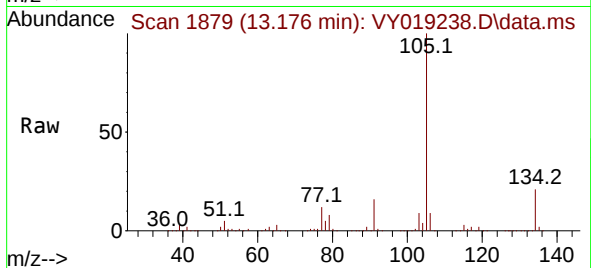
ClientSampleId :

Tgt Ion:105 Resp: 441250

Ion Ratio Lower Upper

105 100

134 20.7 10.1 30.1



#86

p-Isopropyltoluene

Concen: 54.380 ug/l

RT: 13.292 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

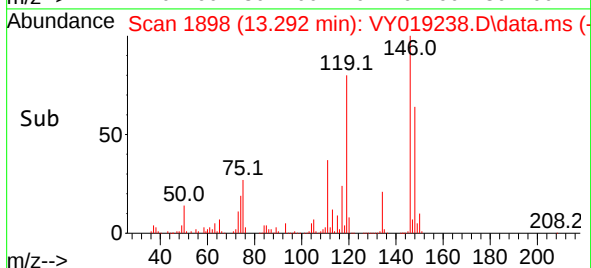
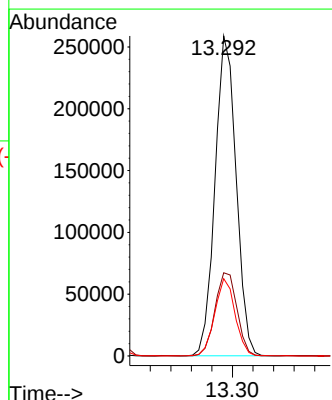
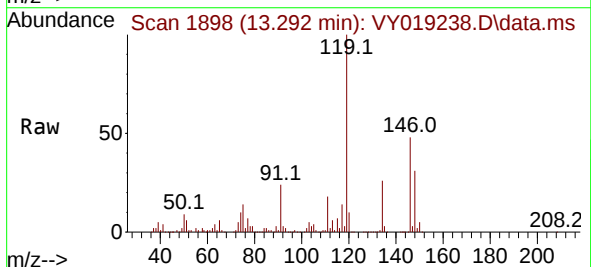
Tgt Ion:119 Resp: 368075

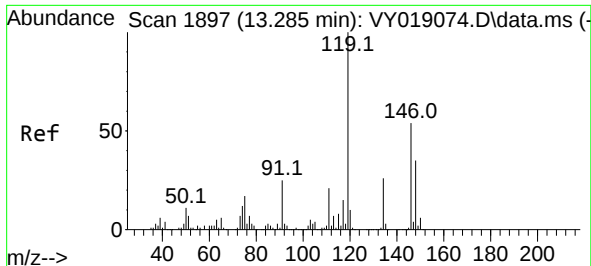
Ion Ratio Lower Upper

119 100

134 27.0 13.1 39.3

91 23.3 10.7 32.1

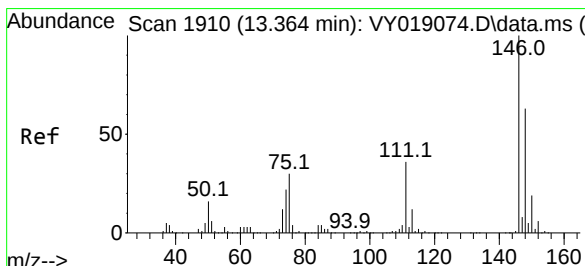
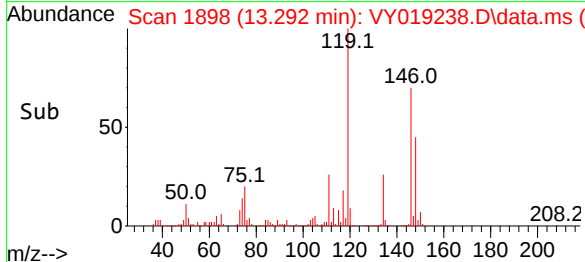
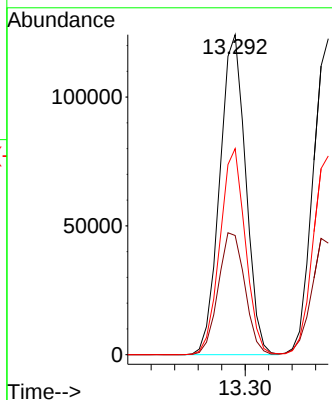
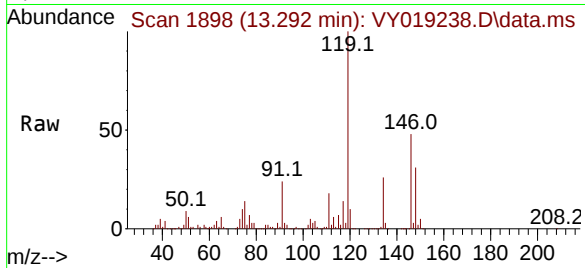




#87
1,3-Dichlorobenzene
Concen: 53.523 ug/l
RT: 13.292 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

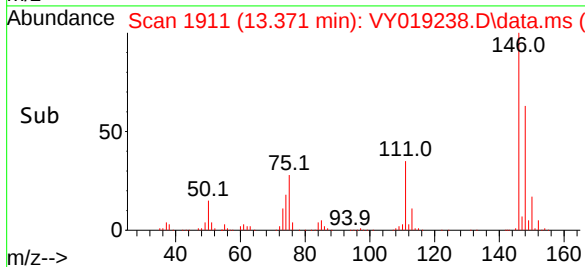
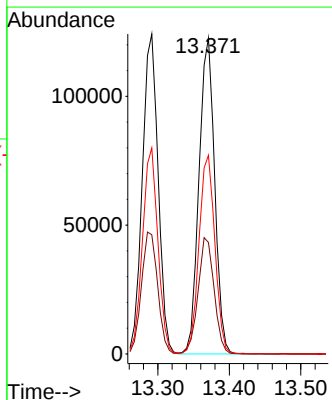
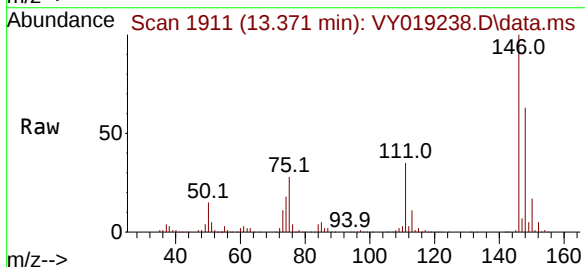
Instrument :
MSVOA_Y
ClientSampleId :

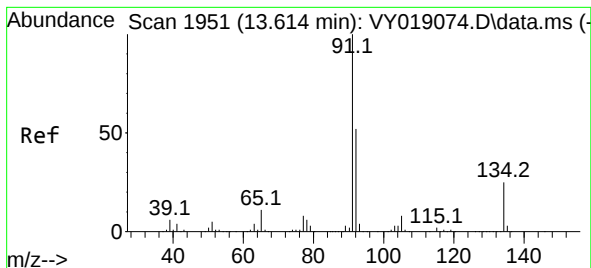
Tgt Ion:146 Resp: 190536
Ion Ratio Lower Upper
146 100
111 39.1 19.0 57.0
148 63.0 31.7 95.1



#88
1,4-Dichlorobenzene
Concen: 52.758 ug/l
RT: 13.371 min Scan# 1911
Delta R.T. 0.006 min
Lab File: VY019238.D
Acq: 22 Aug 2024 23:30

Tgt Ion:146 Resp: 186694
Ion Ratio Lower Upper
146 100
111 37.8 18.4 55.4
148 63.8 32.4 97.2





#89

n-Butylbenzene

Concen: 54.023 ug/l

RT: 13.621 min Scan# 1952

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

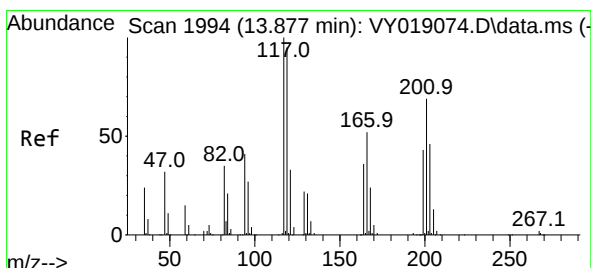
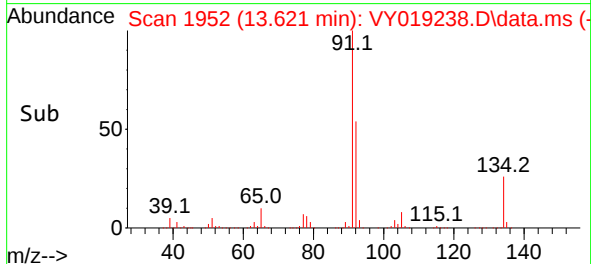
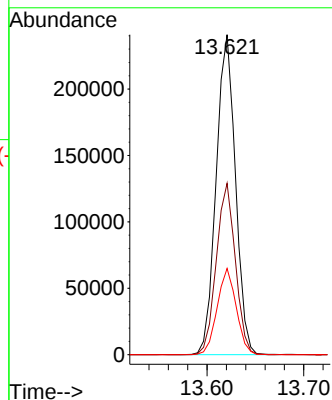
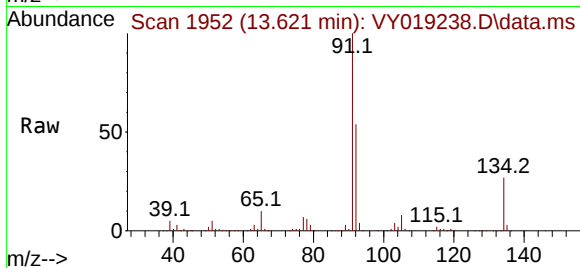
Tgt Ion: 91 Resp: 333376

Ion Ratio Lower Upper

91 100

92 52.9 26.6 79.7

134 26.6 12.9 38.7



#90

Hexachloroethane

Concen: 55.241 ug/l

RT: 13.883 min Scan# 1995

Delta R.T. 0.006 min

Lab File: VY019238.D

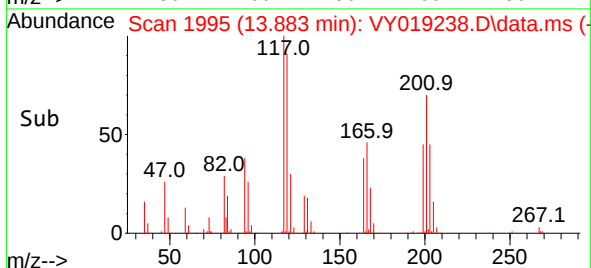
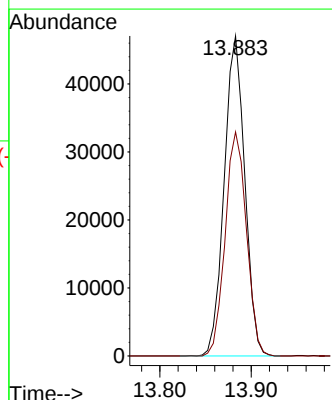
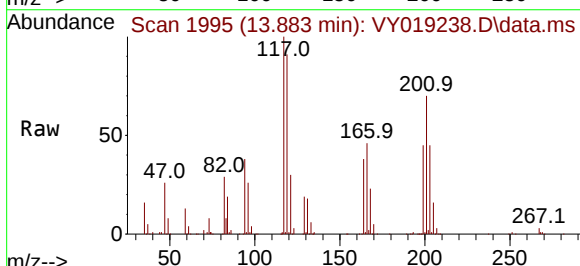
Acq: 22 Aug 2024 23:30

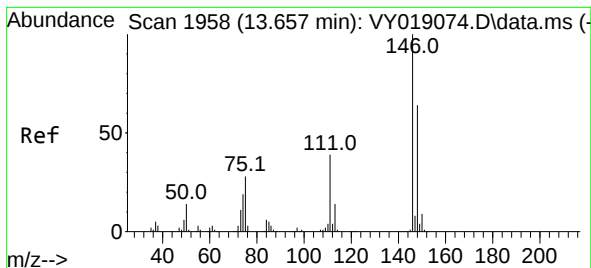
Tgt Ion: 117 Resp: 73698

Ion Ratio Lower Upper

117 100

201 72.3 37.4 112.2





#91

1,2-Dichlorobenzene

Concen: 53.267 ug/l

RT: 13.663 min Scan# 1958

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

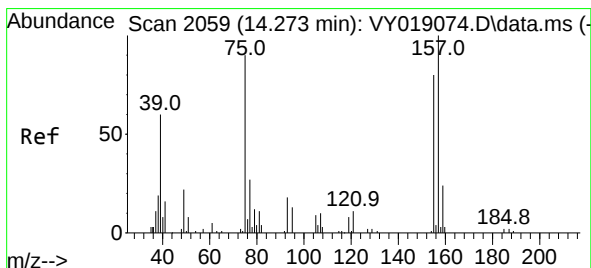
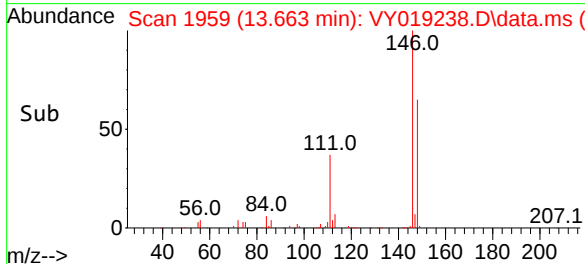
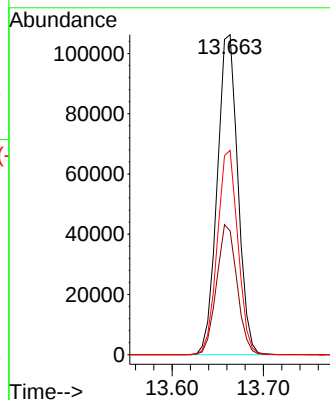
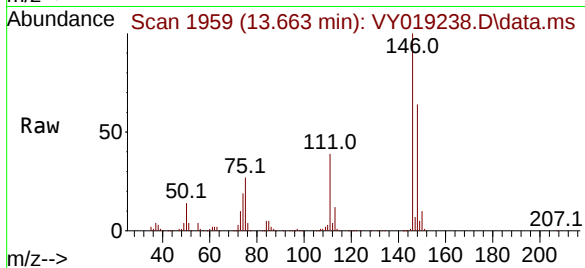
Tgt Ion:146 Resp: 166778

Ion Ratio Lower Upper

146 100

111 40.4 19.9 59.7

148 63.8 31.8 95.4



#92

1,2-Dibromo-3-Chloropropane

Concen: 52.699 ug/l

RT: 14.279 min Scan# 2060

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

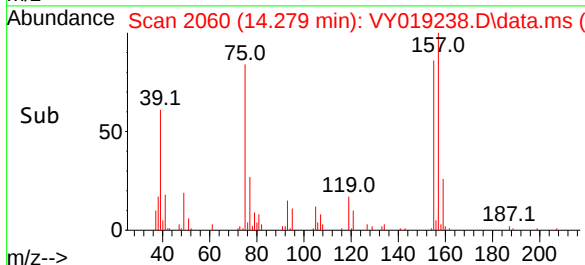
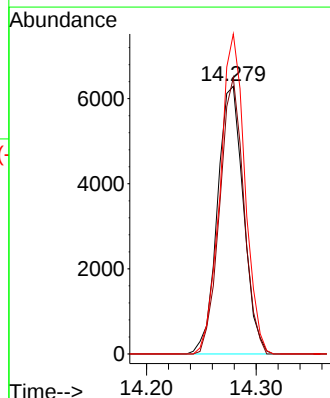
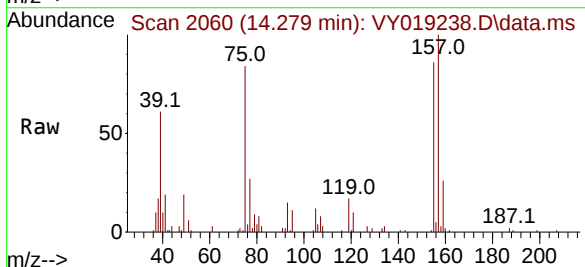
Tgt Ion: 75 Resp: 10374

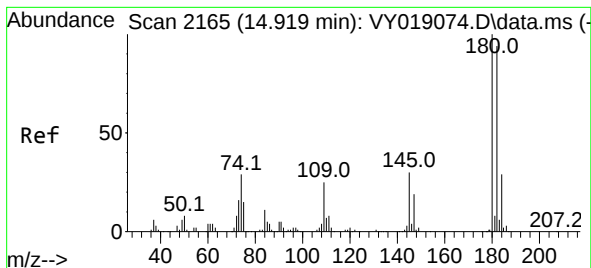
Ion Ratio Lower Upper

75 100

155 95.0 48.6 145.8

157 114.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 53.001 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

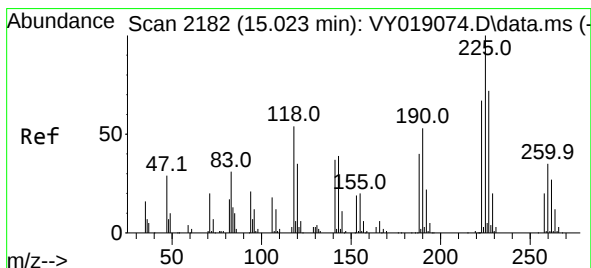
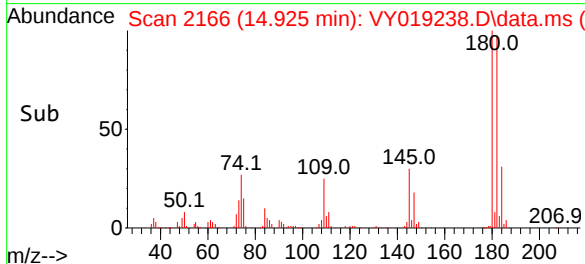
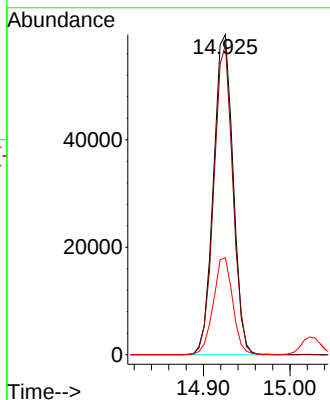
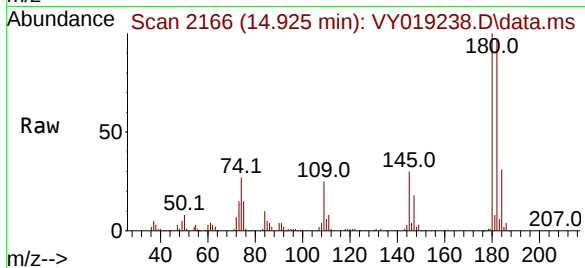
Tgt Ion:180 Resp: 93582

Ion Ratio Lower Upper

180 100

182 93.9 47.9 143.8

145 30.0 14.2 42.6



#94

Hexachlorobutadiene

Concen: 55.256 ug/l

RT: 15.029 min Scan# 2183

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

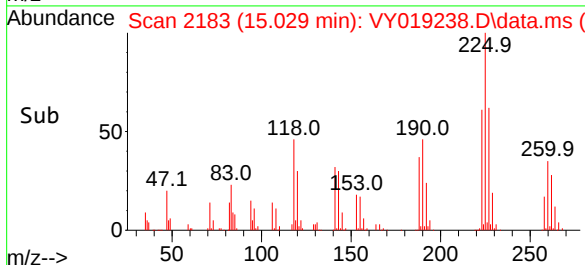
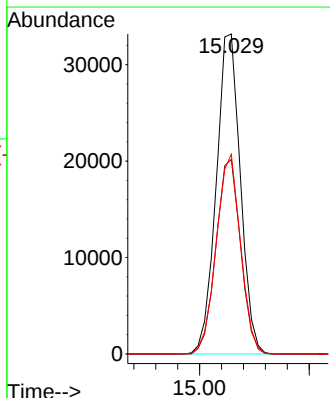
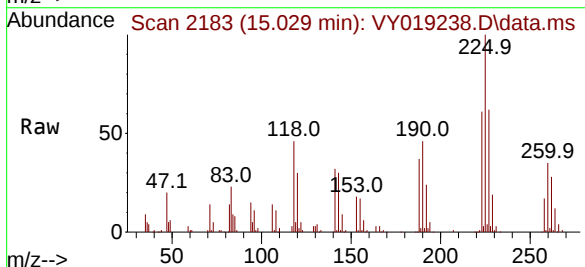
Tgt Ion:225 Resp: 50818

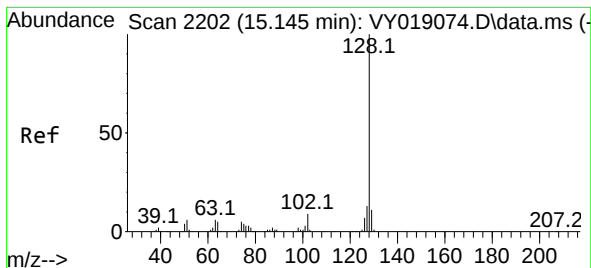
Ion Ratio Lower Upper

225 100

223 61.9 30.4 91.2

227 62.6 31.9 95.9





#95

Naphthalene

Concen: 56.034 ug/l

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Instrument :

MSVOA_Y

ClientSampleId :

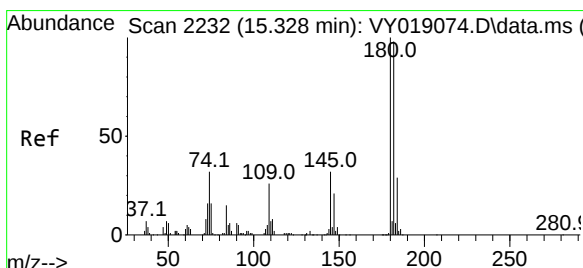
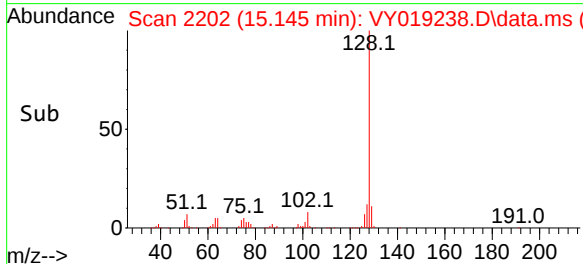
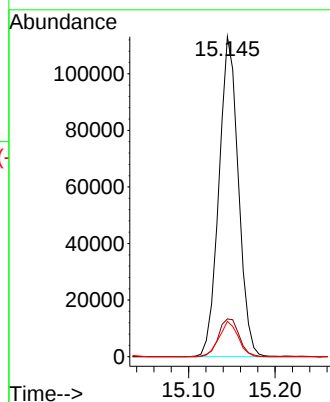
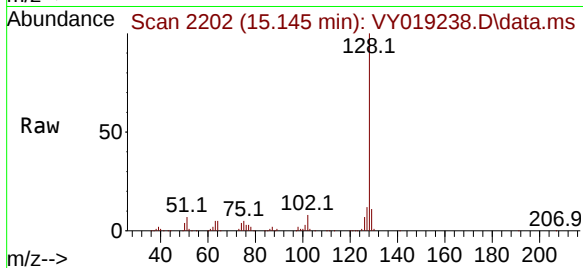
Tgt Ion:128 Resp: 176575

Ion Ratio Lower Upper

128 100

127 12.6 10.6 16.0

129 10.8 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.410 ug/l

RT: 15.334 min Scan# 2233

Delta R.T. 0.006 min

Lab File: VY019238.D

Acq: 22 Aug 2024 23:30

Tgt Ion:180 Resp: 79538

Ion Ratio Lower Upper

180 100

182 94.1 47.6 142.9

145 32.8 15.4 46.1

