

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101724\
 Data File : VY019939.D
 Acq On : 17 Oct 2024 17:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 412g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 18 01:45:41 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 16 05:44:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	255826	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.615	114	460902	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	407786	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	198679	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	167672	53.230	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 106.460%	
35) Dibromofluoromethane	7.634	113	156727	51.530	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.060%	
50) Toluene-d8	10.109	98	558732	49.746	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 99.500%	
62) 4-Bromofluorobenzene	12.407	95	207594	51.153	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 102.300%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.867	85	108491	45.555	ug/l	100
3) Chloromethane	2.068	50	168537	54.373	ug/l	100
4) Vinyl Chloride	2.202	62	183784	53.881	ug/l	100
5) Bromomethane	2.598	94	120287	55.715	ug/l	99
6) Chloroethane	2.738	64	125416	54.732	ug/l	97
7) Trichlorofluoromethane	3.062	101	264045	52.024	ug/l	96
8) Diethyl Ether	3.458	74	87317	56.606	ug/l	76
9) 1,1,2-Trichlorotrifluo...	3.824	101	151022	51.156	ug/l	92
10) Methyl Iodide	4.007	142	148884	49.864	ug/l #	90
11) Tert butyl alcohol	4.872	59	66231	260.246	ug/l #	94
12) 1,1-Dichloroethene	3.793	96	136790	49.841	ug/l #	73
13) Acrolein	3.659	56	44523	192.358	ug/l	98
14) Allyl chloride	4.385	41	273251	55.181	ug/l #	90
15) Acrylonitrile	5.061	53	215751	305.796	ug/l	96
16) Acetone	3.879	43	218093	265.971	ug/l #	82
17) Carbon Disulfide	4.110	76	312328	42.457	ug/l	98
18) Methyl Acetate	4.391	43	117000	66.237	ug/l #	86
19) Methyl tert-butyl Ether	5.122	73	454541	57.648	ug/l	97
20) Methylene Chloride	4.622	84	173341	57.330	ug/l #	80
21) trans-1,2-Dichloroethene	5.122	96	155000	51.891	ug/l	87
22) Diisopropyl ether	6.024	45	645064	59.805	ug/l #	92
23) Vinyl Acetate	5.964	43	1800484	291.175	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	344655	57.483	ug/l	96
25) 2-Butanone	6.896	43	314131	286.203	ug/l #	85
26) 2,2-Dichloropropane	6.890	77	267154	50.032	ug/l	96
27) cis-1,2-Dichloroethene	6.890	96	202924	54.972	ug/l	82
28) Bromochloromethane	7.250	49	160555	60.838	ug/l #	71
29) Tetrahydrofuran	7.268	42	189155	301.830	ug/l #	83
30) Chloroform	7.427	83	354265	57.962	ug/l	98
31) Cyclohexane	7.701	56	255334	48.513	ug/l	84
32) 1,1,1-Trichloroethane	7.622	97	294872	55.051	ug/l	94
36) 1,1-Dichloropropene	7.835	75	229263	52.322	ug/l	94
37) Ethyl Acetate	6.988	43	134532	58.881	ug/l #	94
38) Carbon Tetrachloride	7.823	117	243873	51.917	ug/l	98
39) Methylcyclohexane	9.109	83	265050	48.008	ug/l	88
40) Benzene	8.079	78	712424	53.724	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.225	41	75661	61.185	ug/l #	84
42) 1,2-Dichloroethane	8.158	62	214972	56.427	ug/l	93
43) Isopropyl Acetate	8.201	43	274349	58.878	ug/l #	87
44) Trichloroethene	8.865	130	165961	51.672	ug/l	86
45) 1,2-Dichloropropane	9.140	63	189112	56.976	ug/l	93
46) Dibromomethane	9.231	93	101776	56.123	ug/l #	88
47) Bromodichloromethane	9.420	83	275072	57.147	ug/l	98
48) Methyl methacrylate	9.219	41	124476	60.730	ug/l #	81
49) 1,4-Dioxane	9.237	88	22439	1105.556	ug/l #	81
51) 4-Methyl-2-Pentanone	9.999	43	733459	308.601	ug/l	89
52) Toluene	10.170	92	450511	54.425	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	238096	54.976	ug/l	97
54) cis-1,3-Dichloropropene	9.859	75	278617	54.521	ug/l #	87
55) 1,1,2-Trichloroethane	10.572	97	136374	57.079	ug/l	96
56) Ethyl methacrylate	10.438	69	204496	59.649	ug/l #	75
57) 1,3-Dichloropropane	10.713	76	239323	57.039	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	468671	293.658	ug/l	92
59) 2-Hexanone	10.761	43	503761	296.761	ug/l	86
60) Dibromochloromethane	10.908	129	171501	55.925	ug/l	99
61) 1,2-Dibromoethane	11.011	107	119495	55.347	ug/l	99
64) Tetrachloroethene	10.646	164	145333	50.106	ug/l	93
65) Chlorobenzene	11.438	112	491424	52.688	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.517	131	166302	52.700	ug/l	99
67) Ethyl Benzene	11.517	91	899370	53.082	ug/l	99
68) m/p-Xylenes	11.627	106	647272	103.441	ug/l	89
69) o-Xylene	11.950	106	317594	52.825	ug/l	91
70) Styrene	11.969	104	550179	54.240	ug/l	96
71) Bromoform	12.133	173	90299	53.453	ug/l #	96
73) Isopropylbenzene	12.255	105	859056	51.405	ug/l	98
74) N-amyl acetate	12.072	43	251820	56.893	ug/l #	85
75) 1,1,2,2-Tetrachloroethane	12.505	83	170096	57.282	ug/l	97
76) 1,2,3-Trichloropropane	12.554	75	209992	53.953	ug/l #	100
77) Bromobenzene	12.529	156	177245	49.981	ug/l	82
78) n-propylbenzene	12.590	91	1044312	51.717	ug/l	96
79) 2-Chlorotoluene	12.676	91	594931	51.391	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	687744	50.959	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	50898	52.785	ug/l #	83
82) 4-Chlorotoluene	12.773	91	608999	51.449	ug/l	95
83) tert-Butylbenzene	12.993	119	606105	50.131	ug/l	92
84) 1,2,4-Trimethylbenzene	13.041	105	682174	50.982	ug/l	96
85) sec-Butylbenzene	13.176	105	934173	51.715	ug/l	97
86) p-Isopropyltoluene	13.291	119	749699	51.110	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	355838	49.687	ug/l	97
88) 1,4-Dichlorobenzene	13.365	146	355290	50.499	ug/l	96
89) n-Butylbenzene	13.615	91	723905	50.542	ug/l	98
90) Hexachloroethane	13.877	117	146741	51.375	ug/l	85
91) 1,2-Dichlorobenzene	13.657	146	316409	50.283	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24683	52.085	ug/l	76
93) 1,2,4-Trichlorobenzene	14.919	180	164470	46.613	ug/l	98
94) Hexachlorobutadiene	15.023	225	87465	44.587	ug/l	98
95) Naphthalene	15.145	128	347987	52.291	ug/l	100
96) 1,2,3-Trichlorobenzene	15.328	180	142237	47.688	ug/l	98

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QLast Update : Wed Oct 16 05:44:48 2024
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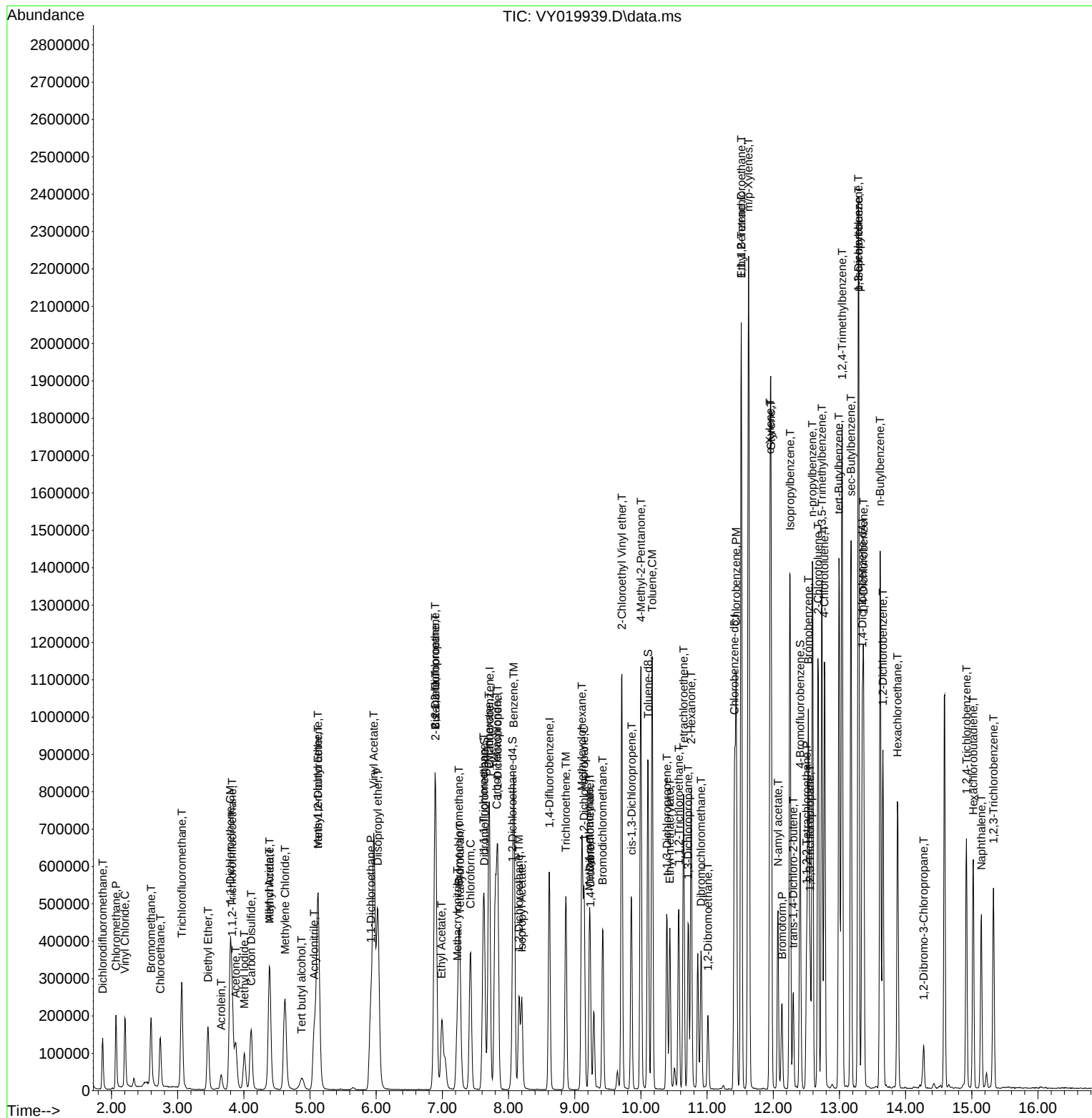
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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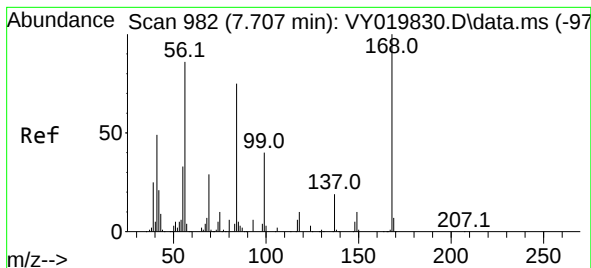
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.713 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY019939.D

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Instrument :

MSVOA_Y

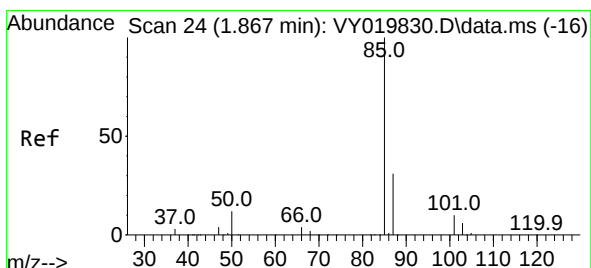
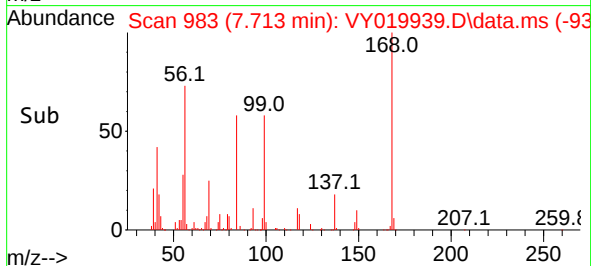
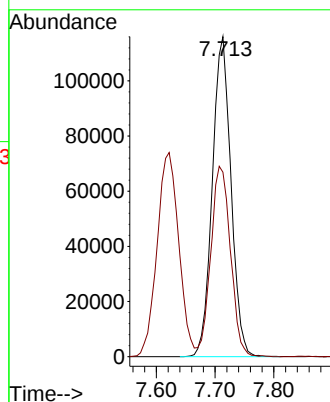
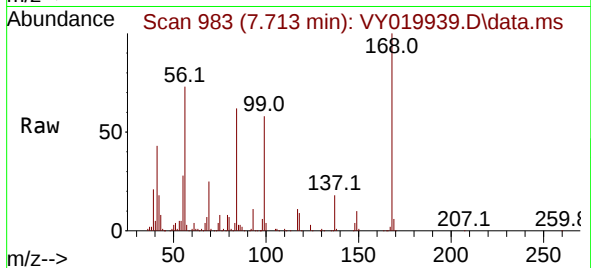
ClientSampleId :

Tgt Ion:168 Resp: 255826

Ion Ratio Lower Upper

168 100

99 57.7 39.1 58.7



#2

Dichlorodifluoromethane

Concen: 45.555 ug/l

RT: 1.867 min Scan# 24

Delta R.T. 0.001 min

Lab File: VY019939.D

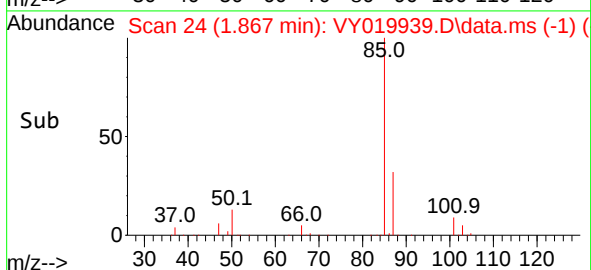
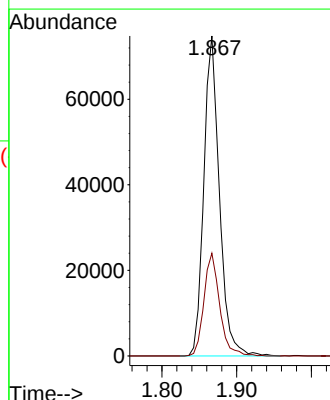
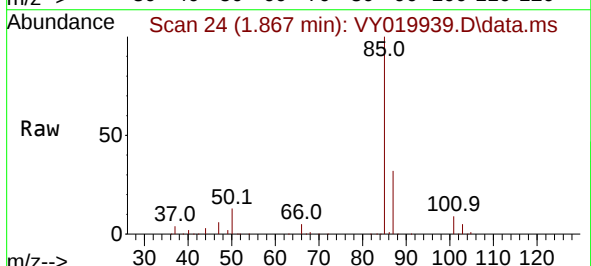
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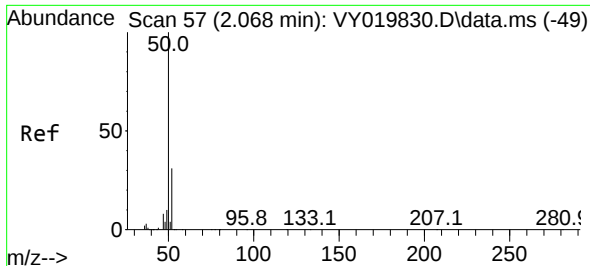
Tgt Ion: 85 Resp: 108491

Ion Ratio Lower Upper

85 100

87 32.1 16.0 48.0

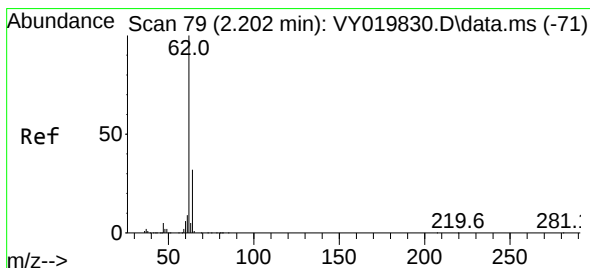
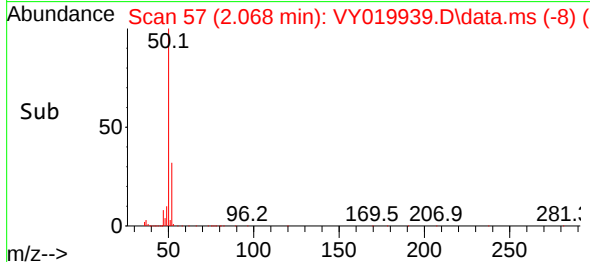
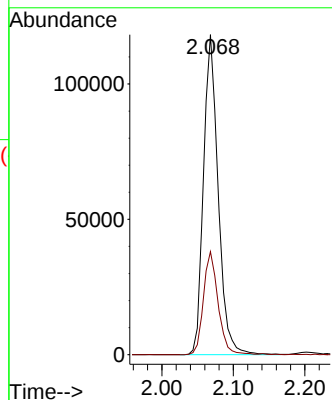
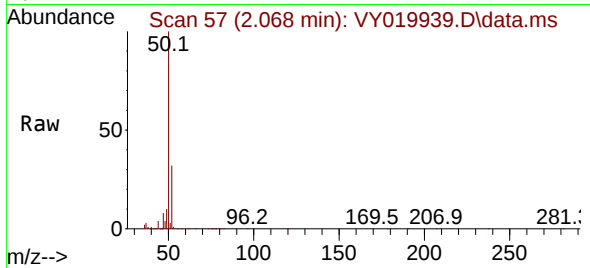




#3
Chloromethane
Concen: 54.373 ug/l
RT: 2.068 min Scan# 51
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

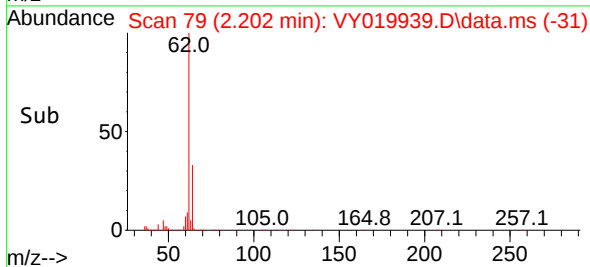
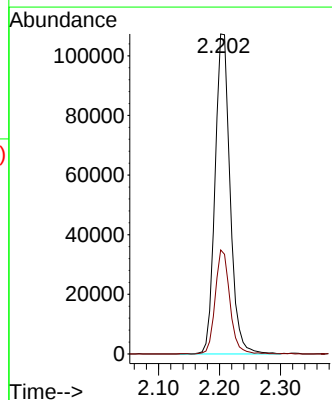
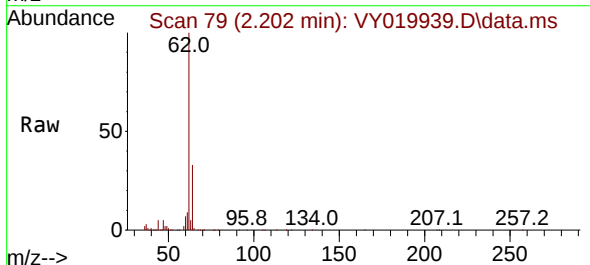
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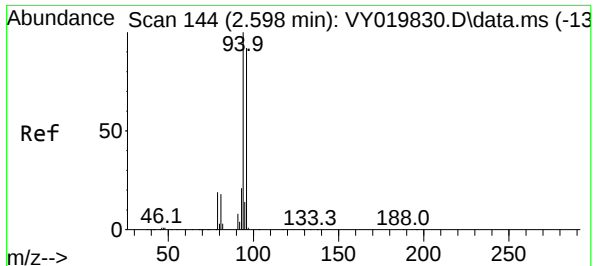
Tgt Ion: 50 Resp: 168537
Ion Ratio Lower Upper
50 100
52 32.2 25.6 38.4



#4
Vinyl Chloride
Concen: 53.881 ug/l
RT: 2.202 min Scan# 79
Delta R.T. -0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 62 Resp: 183784
Ion Ratio Lower Upper
62 100
64 32.4 26.1 39.1

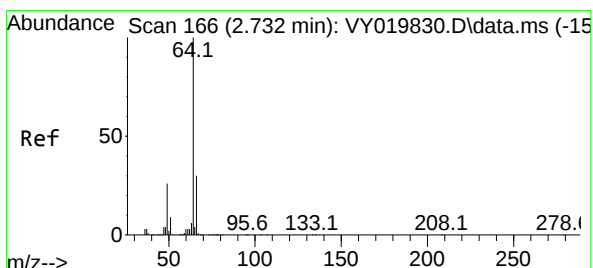
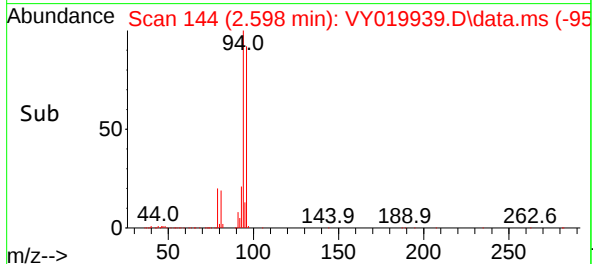
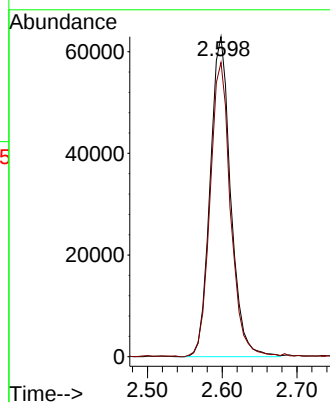
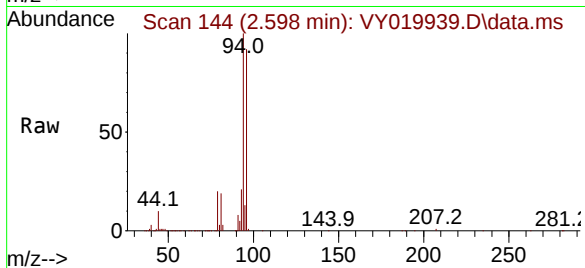




#5
Bromomethane
Concen: 55.715 ug/l
RT: 2.598 min Scan# 144
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

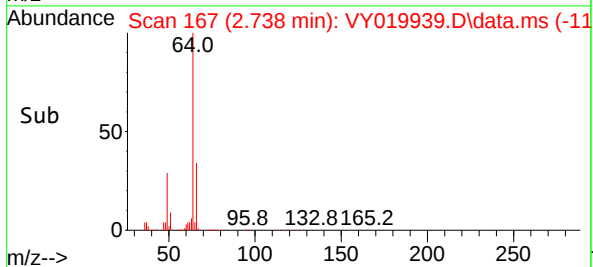
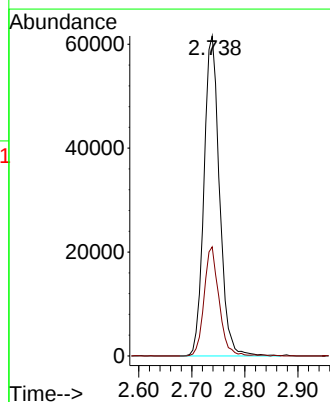
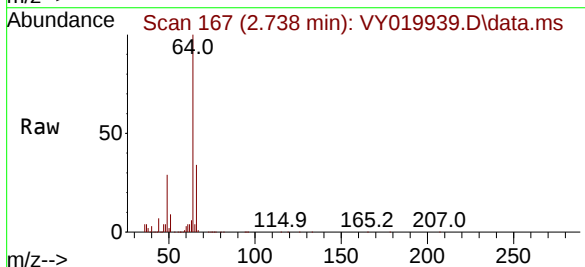
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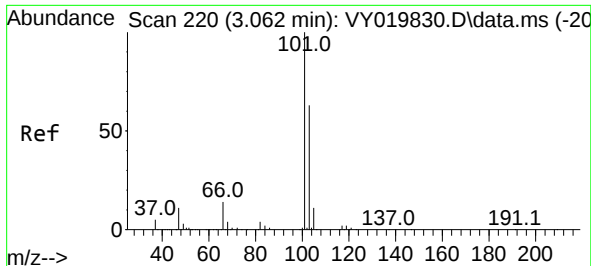
Tgt Ion: 94 Resp: 120287
Ion Ratio Lower Upper
94 100
96 91.9 74.1 111.1



#6
Chloroethane
Concen: 54.732 ug/l
RT: 2.738 min Scan# 167
Delta R.T. 0.000 min
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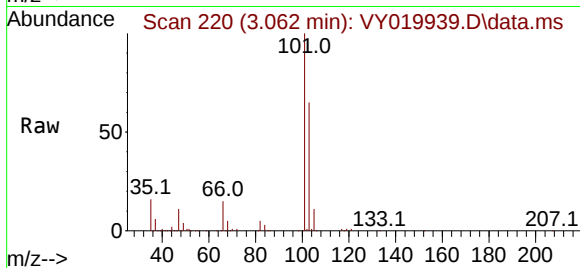
Tgt Ion: 64 Resp: 125416
Ion Ratio Lower Upper
64 100
66 34.1 26.1 39.1



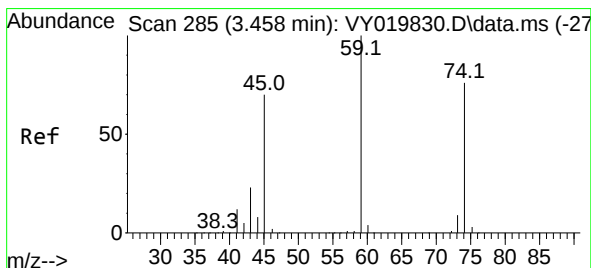
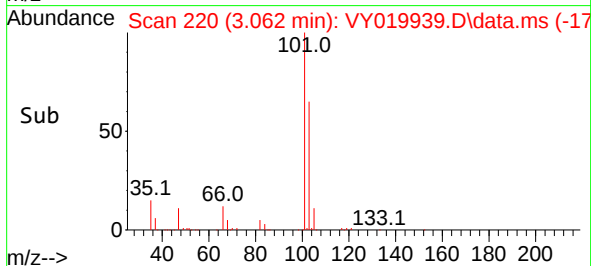
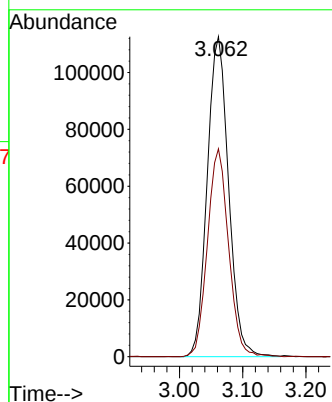


#7
 Trichlorofluoromethane
 Concen: 52.024 ug/l
 RT: 3.062 min Scan# 211
 Delta R.T. 0.000 min
 Lab File: VY019939.D
 Acq: 17 Oct 2024 17:57

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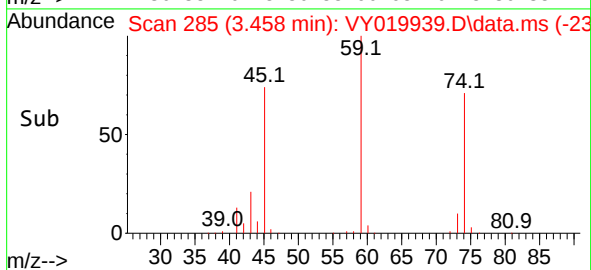
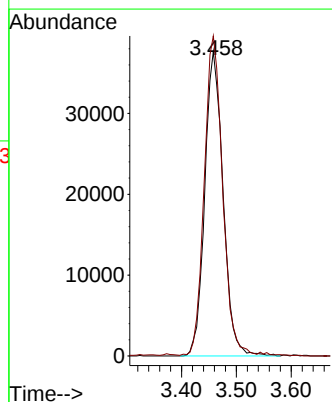
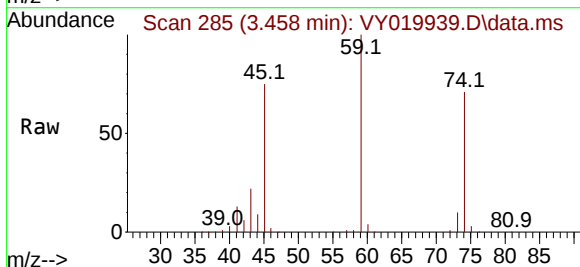


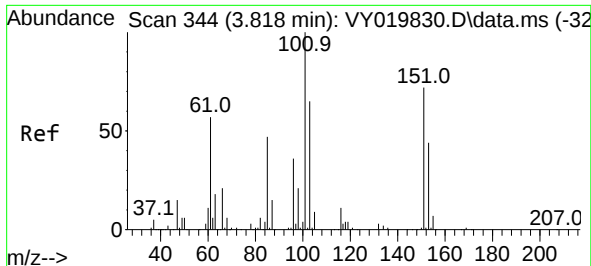
Tgt Ion:101 Resp: 264045
 Ion Ratio Lower Upper
 101 100
 103 65.0 49.3 73.9



#8
 Diethyl Ether
 Concen: 56.606 ug/l
 RT: 3.458 min Scan# 285
 Delta R.T. 0.000 min
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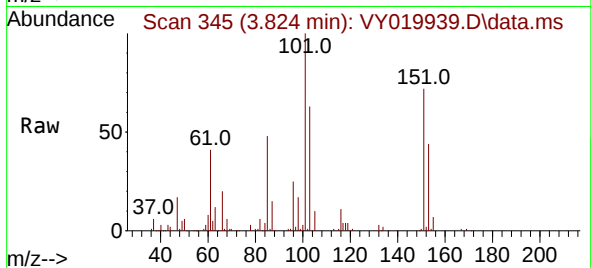
Tgt Ion: 74 Resp: 87317
 Ion Ratio Lower Upper
 74 100
 45 104.4 41.3 124.1



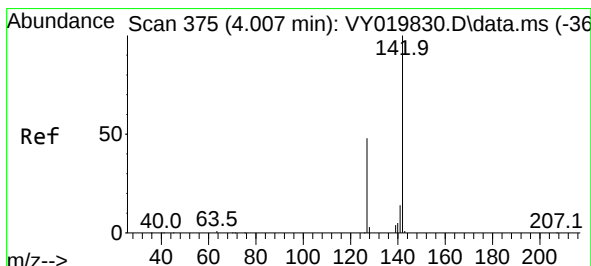
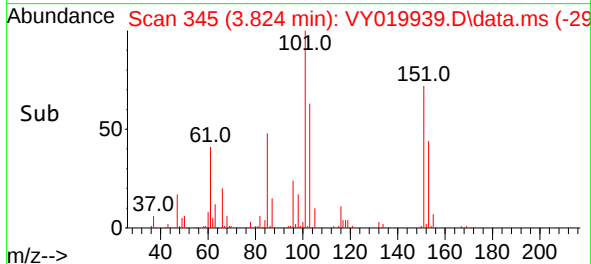
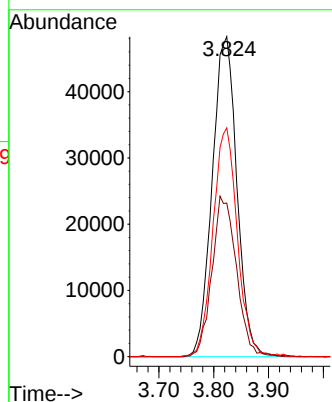


#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.156 ug/l
RT: 3.824 min Scan# 344
Delta R.T. 0.012 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Instrument :
MSVOA_Y
ClientSampleId :

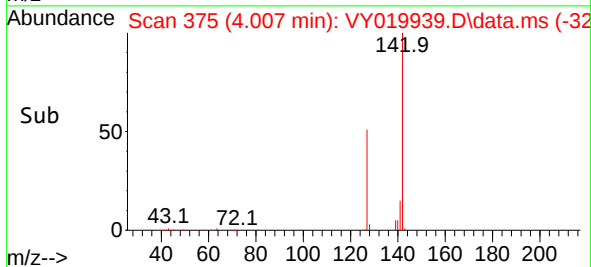
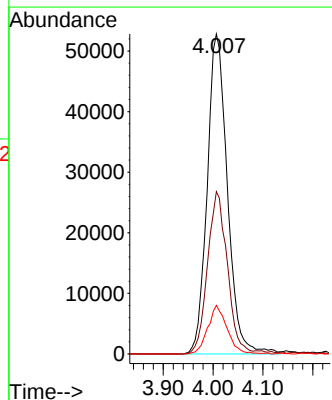
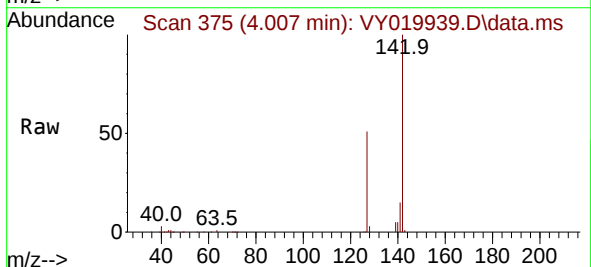


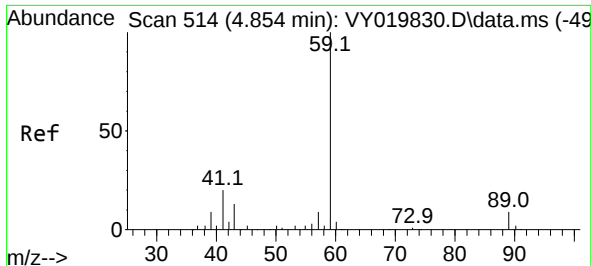
Tgt Ion:101 Resp: 151022
Ion Ratio Lower Upper
101 100
85 49.5 34.5 51.7
151 70.8 61.7 92.5



#10
Methyl Iodide
Concen: 49.864 ug/l
RT: 4.007 min Scan# 375
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion:142 Resp: 148884
Ion Ratio Lower Upper
142 100
127 49.5 32.8 49.2#
141 14.5 11.4 17.2

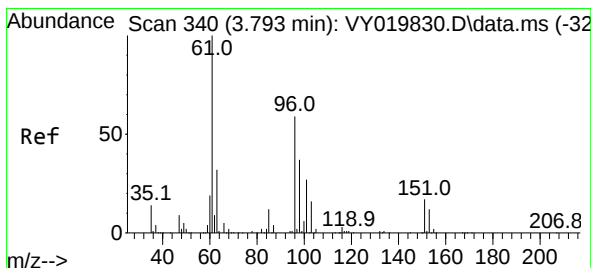
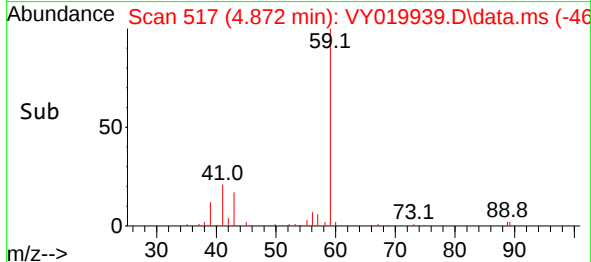
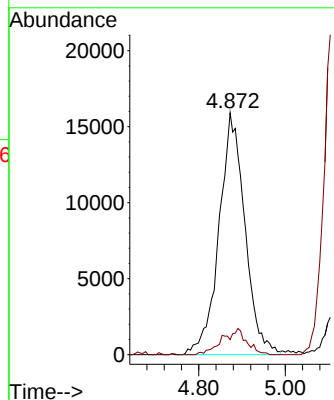
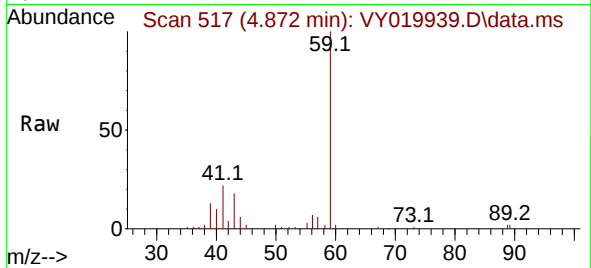




#11
Tert butyl alcohol
Concen: 260.246 ug/l
RT: 4.872 min Scan# 514
Delta R.T. 0.012 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

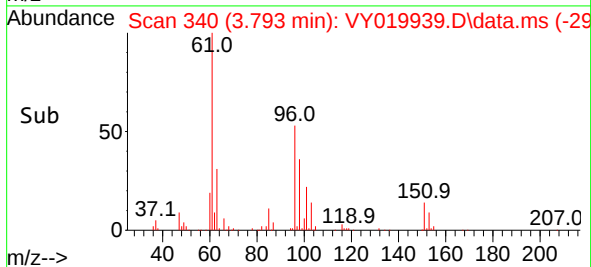
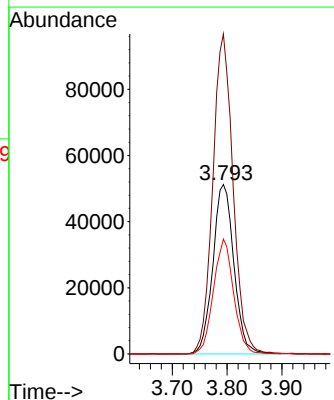
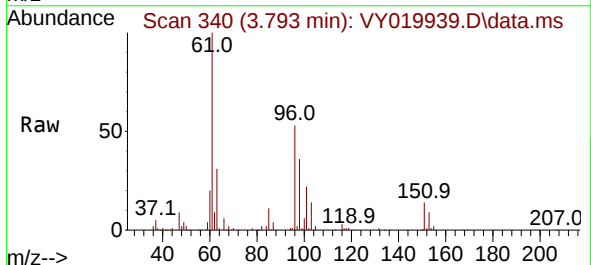
Instrument :
MSVOA_Y
ClientSampleId :

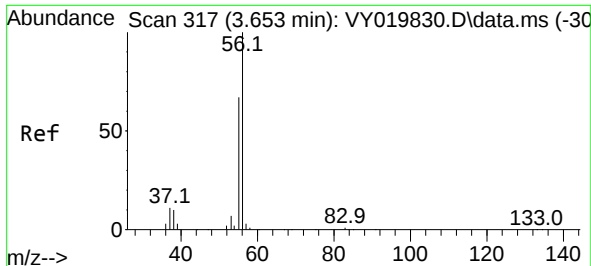
Tgt Ion: 59 Resp: 66231
Ion Ratio Lower Upper
59 100
57 5.9 3.0 4.6#



#12
1,1-Dichloroethene
Concen: 49.841 ug/l
RT: 3.793 min Scan# 340
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 96 Resp: 136790
Ion Ratio Lower Upper
96 100
61 188.8 114.6 171.8#
98 67.8 50.8 76.2

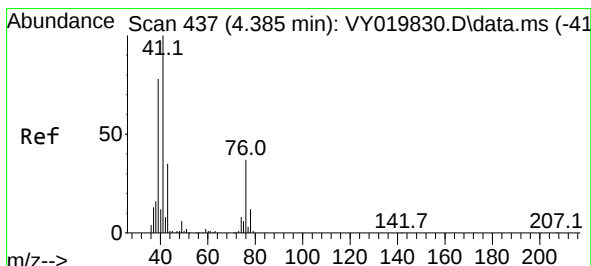
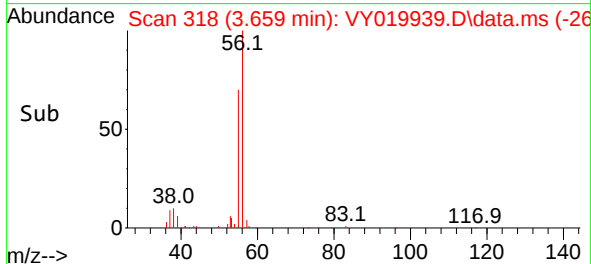
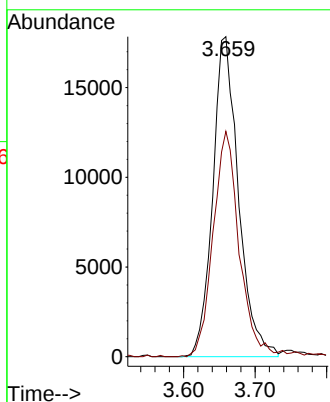
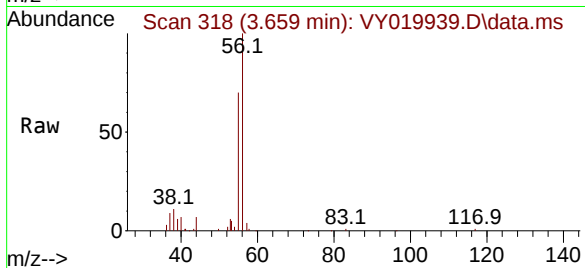




#13
Acrolein
Concen: 192.358 ug/l
RT: 3.659 min Scan# 317
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

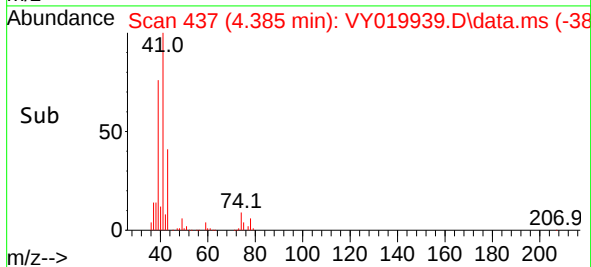
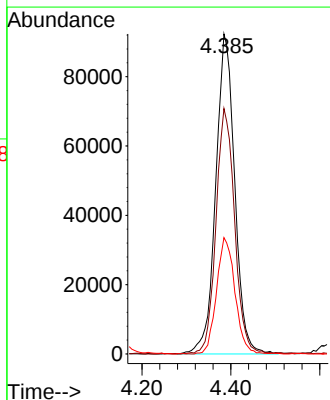
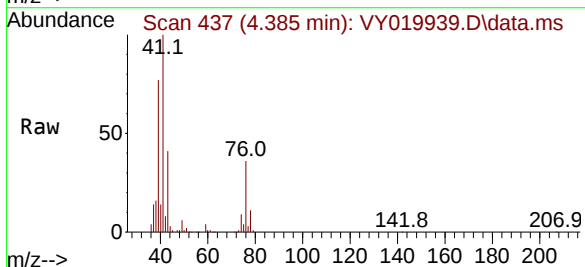
Instrument :
MSVOA_Y
ClientSampleId :

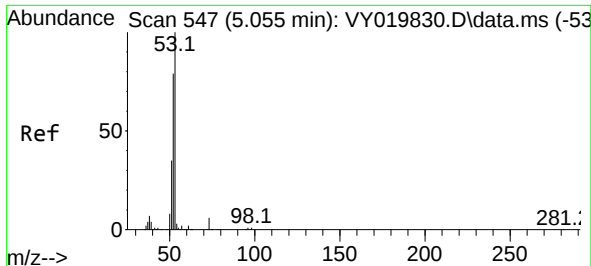
Tgt Ion: 56 Resp: 44523
Ion Ratio Lower Upper
56 100
55 71.1 55.7 83.5



#14
Allyl chloride
Concen: 55.181 ug/l
RT: 4.385 min Scan# 437
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 41 Resp: 273251
Ion Ratio Lower Upper
41 100
39 75.4 58.3 87.5
76 35.3 39.0 58.6#

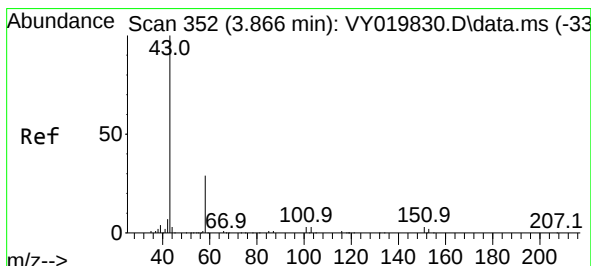
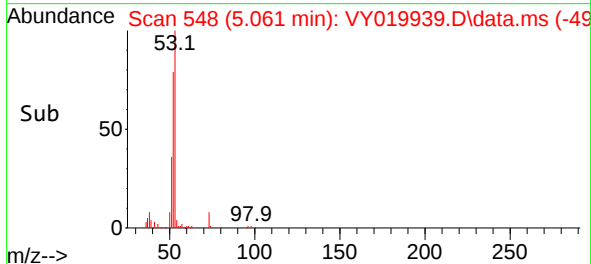
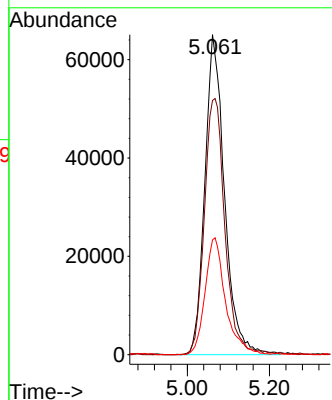
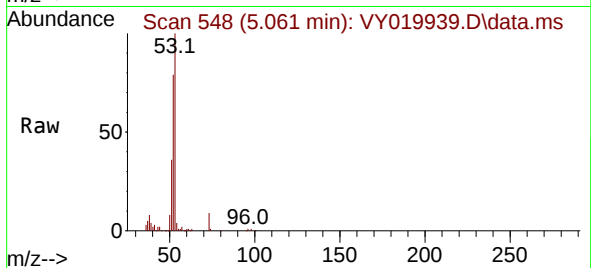




#15
Acrylonitrile
Concen: 305.796 ug/l
RT: 5.061 min Scan# 54
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

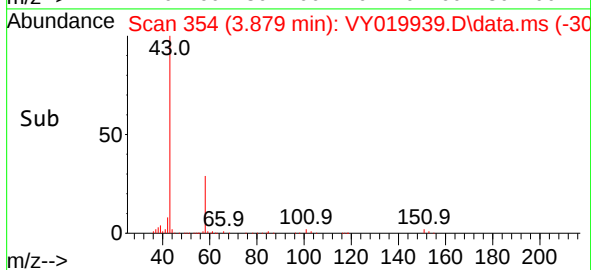
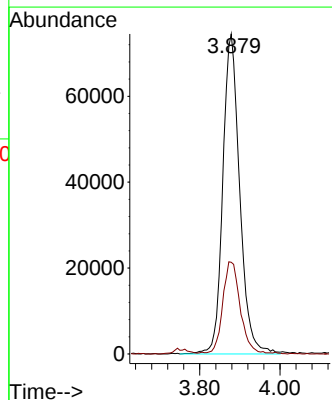
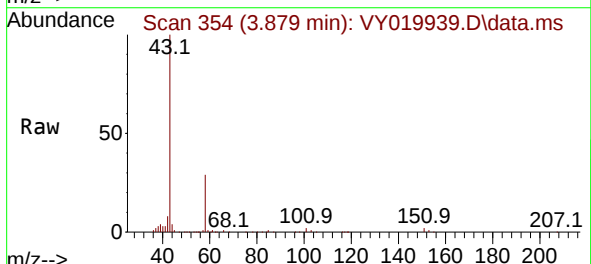
Instrument :
MSVOA_Y
ClientSampleId :

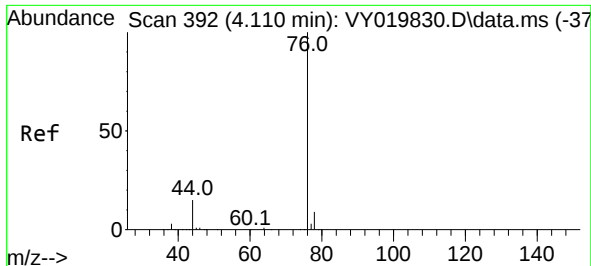
Tgt Ion: 53 Resp: 215751
Ion Ratio Lower Upper
53 100
52 83.8 64.7 97.1
51 38.2 28.4 42.6



#16
Acetone
Concen: 265.971 ug/l
RT: 3.879 min Scan# 354
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 43 Resp: 218093
Ion Ratio Lower Upper
43 100
58 28.4 31.7 47.5#

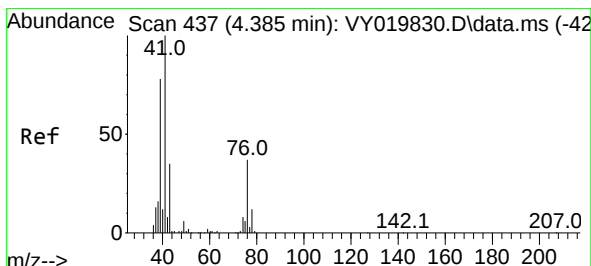
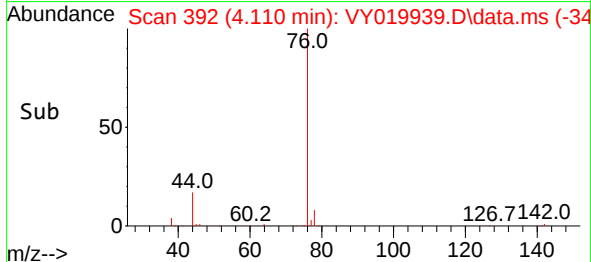
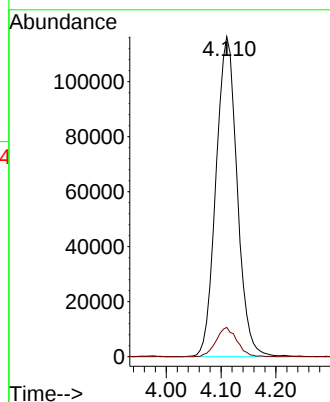
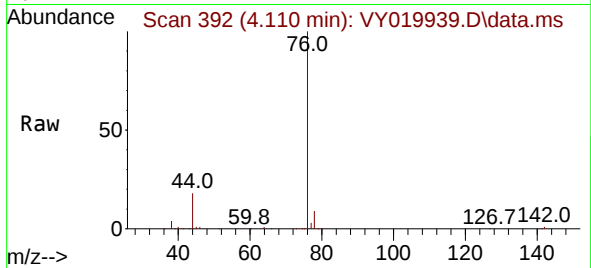




#17
Carbon Disulfide
Concen: 42.457 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

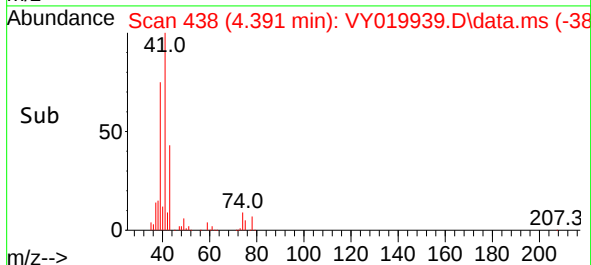
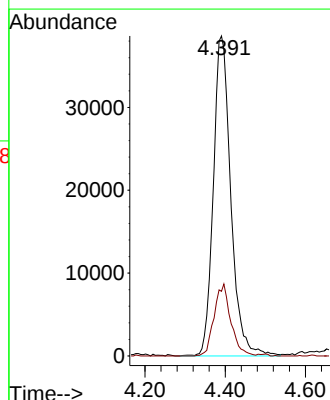
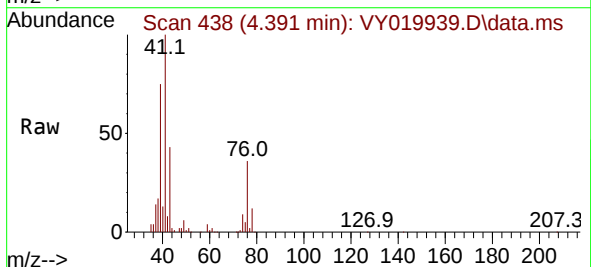
Instrument :
MSVOA_Y
ClientSampleId :

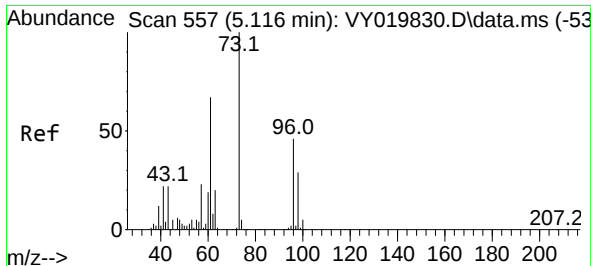
Tgt Ion: 76 Resp: 312328
Ion Ratio Lower Upper
76 100
78 9.2 6.8 10.2



#18
Methyl Acetate
Concen: 66.237 ug/l
RT: 4.391 min Scan# 438
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 43 Resp: 117000
Ion Ratio Lower Upper
43 100
74 21.4 23.3 34.9#





#19

Methyl tert-butyl Ether

Concen: 57.648 ug/l

RT: 5.122 min Scan# 51

Delta R.T. 0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

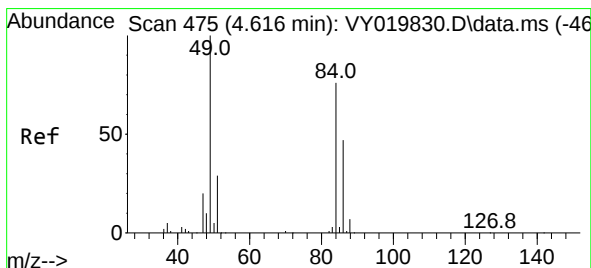
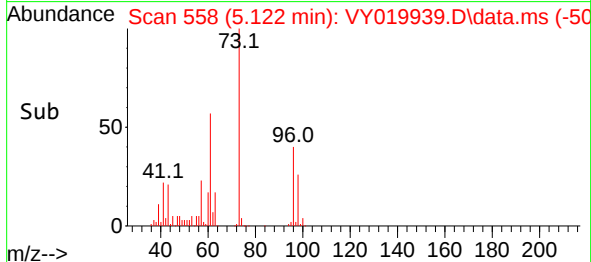
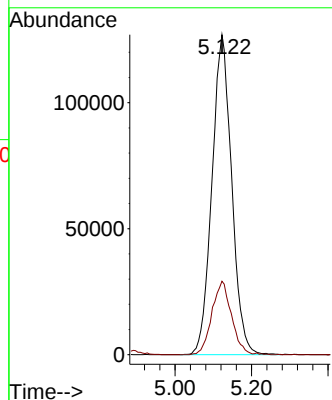
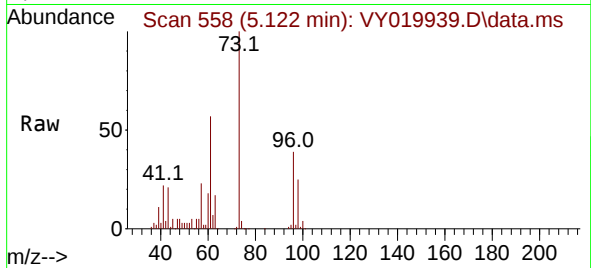
ClientSampleId :

Tgt Ion: 73 Resp: 454541

Ion Ratio Lower Upper

73 100

57 22.9 17.3 25.9



#20

Methylene Chloride

Concen: 57.330 ug/l

RT: 4.622 min Scan# 476

Delta R.T. 0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Tgt Ion: 84 Resp: 173341

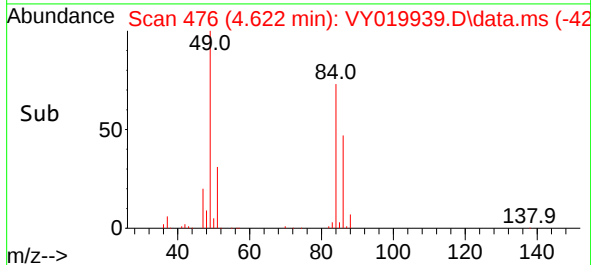
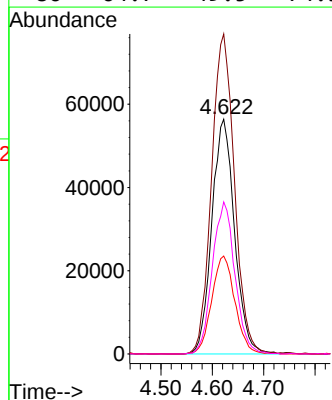
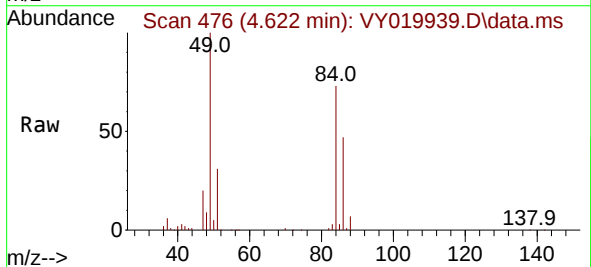
Ion Ratio Lower Upper

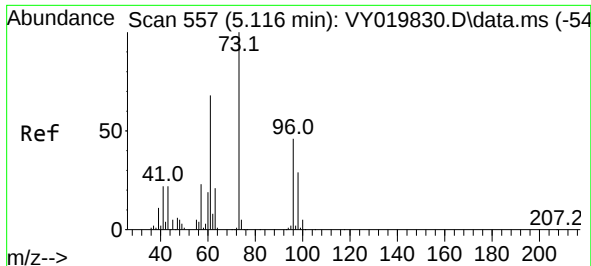
84 100

49 136.3 84.4 126.6#

51 41.8 26.0 39.0#

86 64.7 49.5 74.3

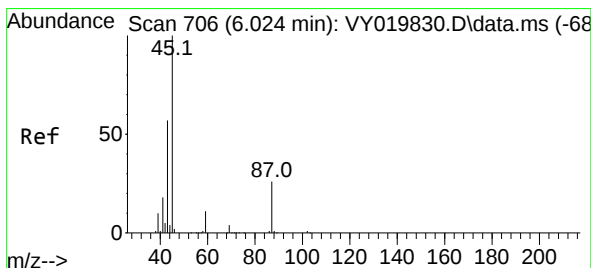
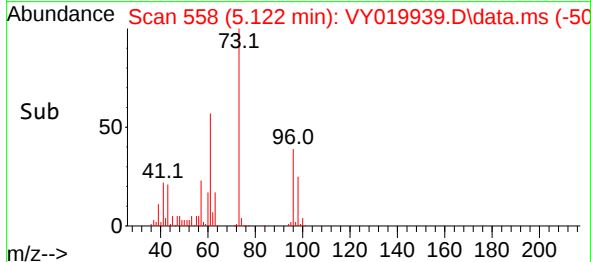
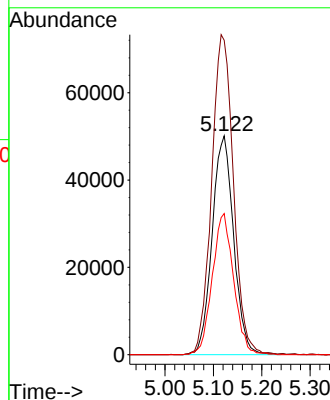
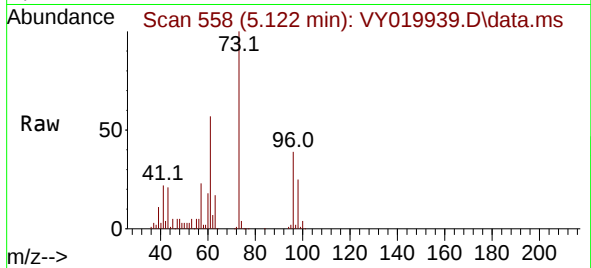




#21
trans-1,2-Dichloroethene
Concen: 51.891 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.012 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

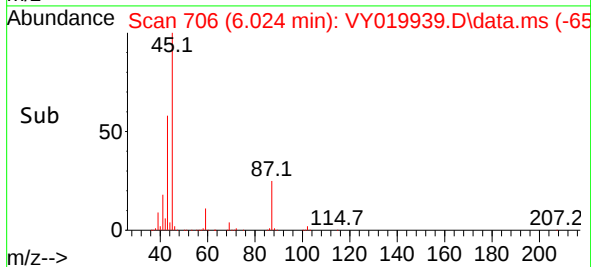
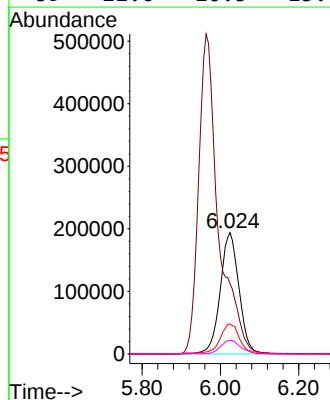
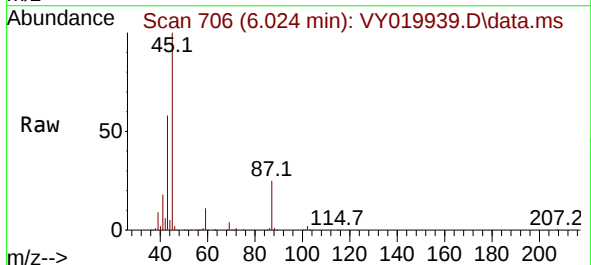
Instrument :
MSVOA_Y
ClientSampleId :

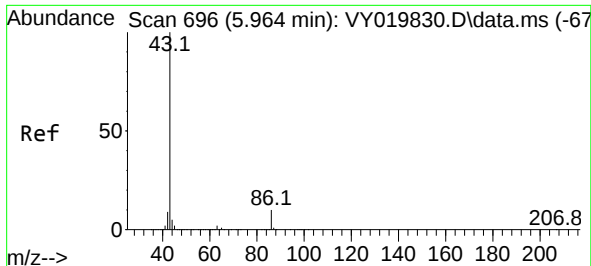
Tgt Ion: 96 Resp: 155000
Ion Ratio Lower Upper
96 100
61 143.6 97.5 146.3
98 64.5 50.5 75.7



#22
Diisopropyl ether
Concen: 59.805 ug/l
RT: 6.024 min Scan# 706
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 45 Resp: 645064
Ion Ratio Lower Upper
45 100
43 57.5 42.2 63.2
87 24.6 25.0 37.6#
59 11.0 10.5 15.7

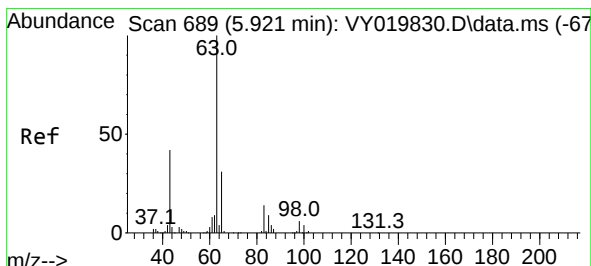
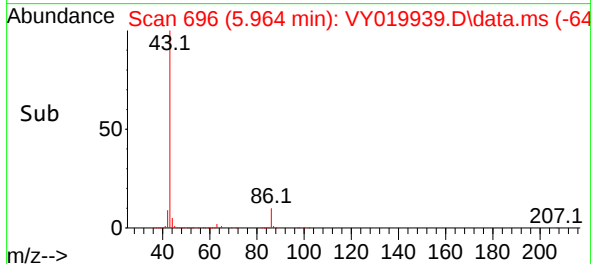
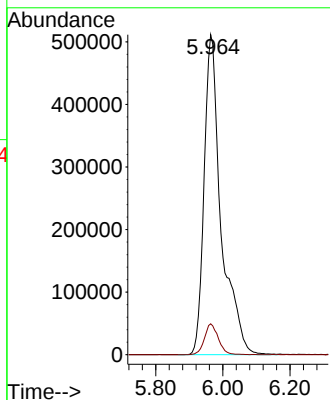
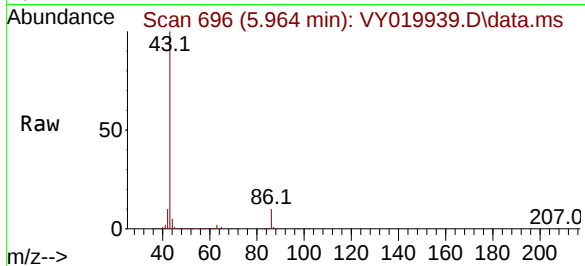




#23
 Vinyl Acetate
 Concen: 291.175 ug/l
 RT: 5.964 min Scan# 696
 Delta R.T. 0.006 min
 Lab File: VY019939.D
 Acq: 17 Oct 2024 17:57

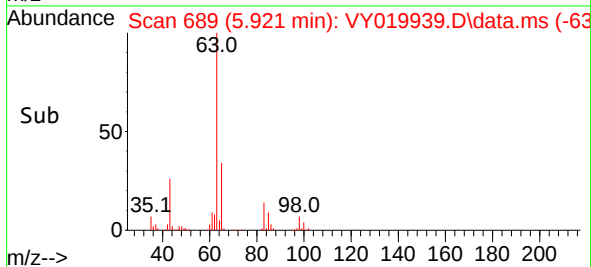
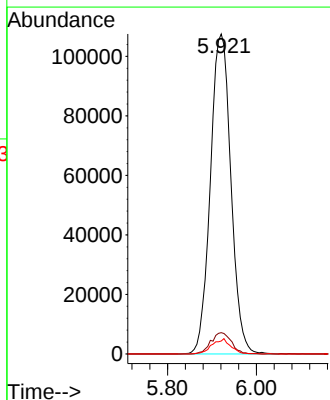
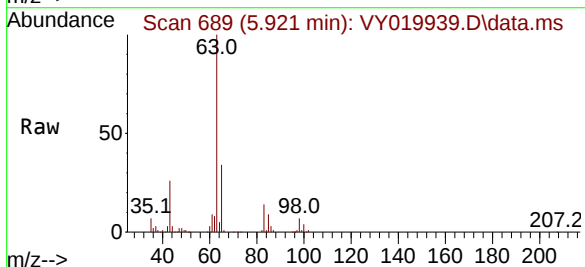
Instrument :
 MSVOA_Y
 ClientSampleId :

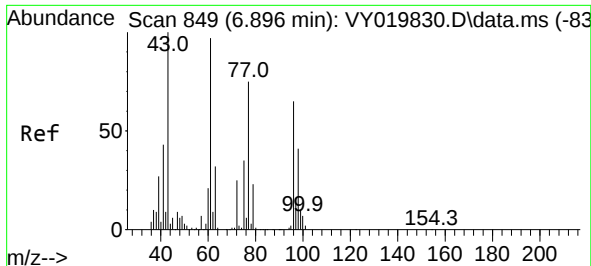
Tgt Ion: 43 Resp: 1800484
 Ion Ratio Lower Upper
 43 100
 86 9.7 10.6 16.0#



#24
 1,1-Dichloroethane
 Concen: 57.483 ug/l
 RT: 5.921 min Scan# 689
 Delta R.T. 0.006 min
 Lab File: VY019939.D
 Acq: 17 Oct 2024 17:57

Tgt Ion: 63 Resp: 344655
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.2
 100 4.1 2.6 8.0





#25

2-Butanone

Concen: 286.203 ug/l

RT: 6.896 min Scan# 849

Delta R.T. 0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

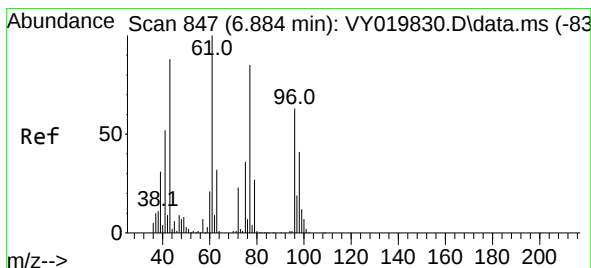
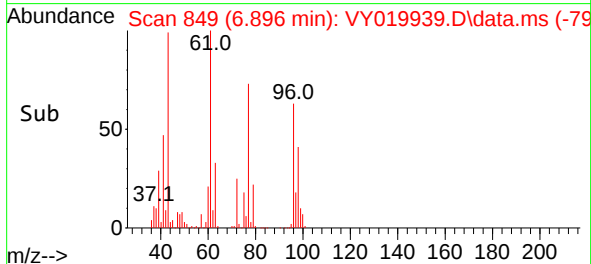
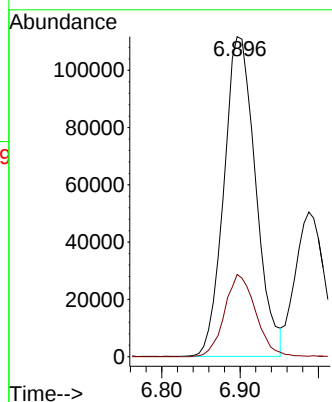
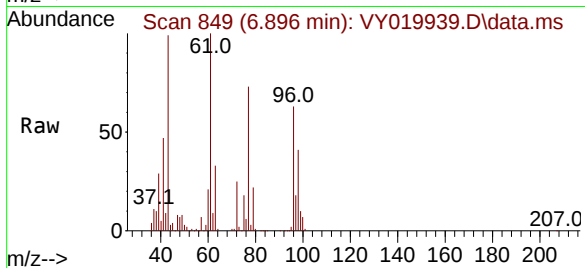
ClientSampleId :

Tgt Ion: 43 Resp: 314131

Ion Ratio Lower Upper

43 100

72 25.7 27.3 40.9#



#26

2,2-Dichloropropane

Concen: 50.032 ug/l

RT: 6.890 min Scan# 848

Delta R.T. 0.006 min

Lab File: VY019939.D

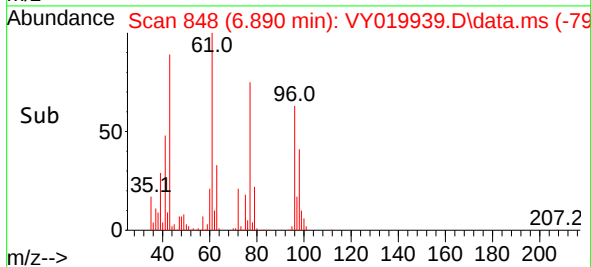
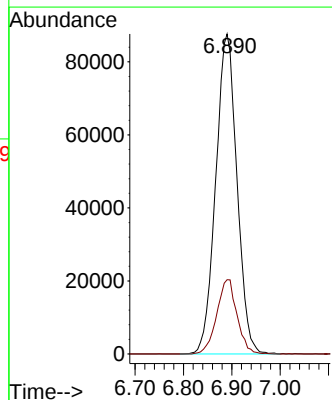
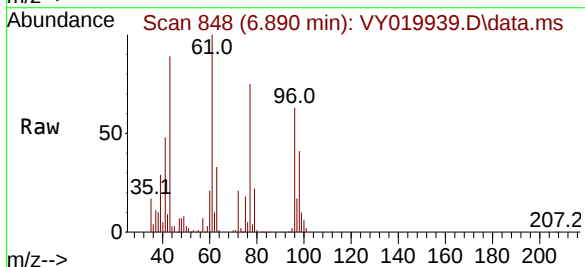
Acq: 17 Oct 2024 17:57

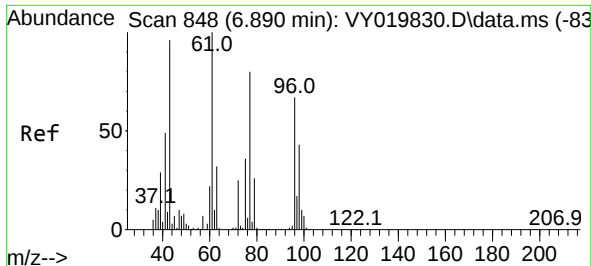
Tgt Ion: 77 Resp: 267154

Ion Ratio Lower Upper

77 100

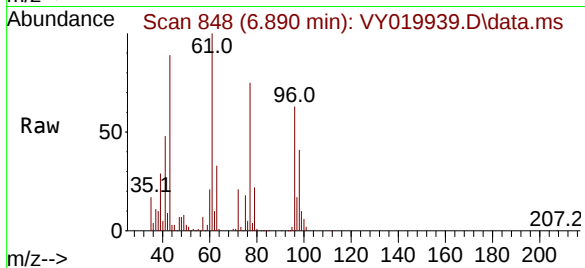
97 22.2 12.0 36.1



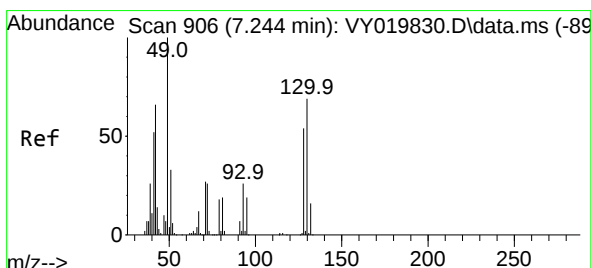
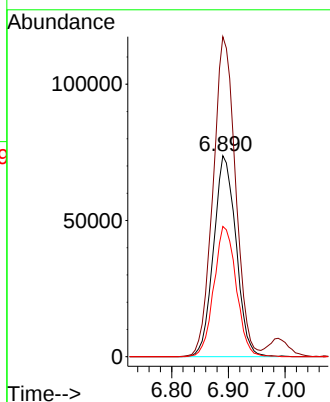
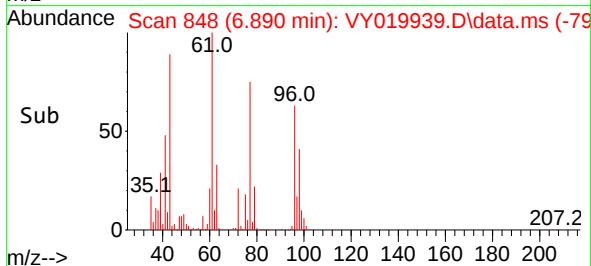


#27
 cis-1,2-Dichloroethene
 Concen: 54.972 ug/l
 RT: 6.890 min Scan# 848
 Delta R.T. 0.000 min
 Lab File: VY019939.D
 Acq: 17 Oct 2024 17:57

Instrument :
 MSVOA_Y
 ClientSampleId :

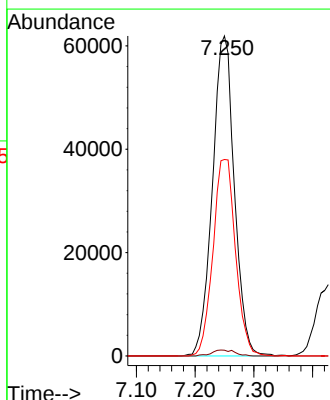
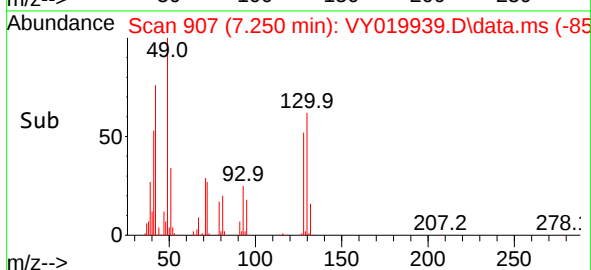
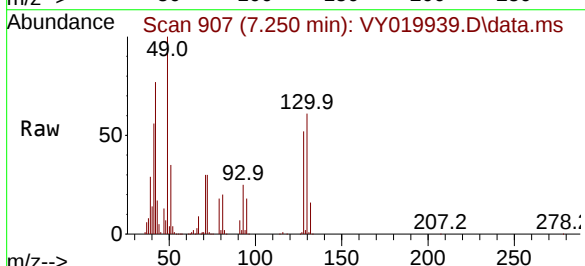


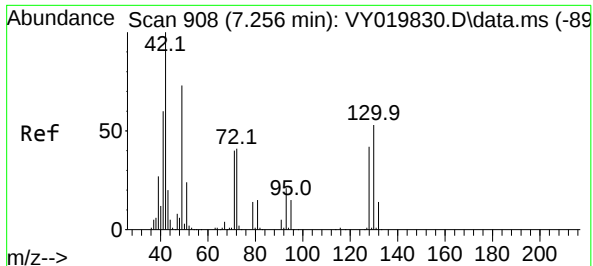
Tgt Ion: 96 Resp: 202924
 Ion Ratio Lower Upper
 96 100
 61 159.7 0.0 256.2
 98 64.5 0.0 130.0



#28
 Bromochloromethane
 Concen: 60.838 ug/l
 RT: 7.250 min Scan# 907
 Delta R.T. 0.006 min
 Lab File: VY019939.D
 Acq: 17 Oct 2024 17:57

Tgt Ion: 49 Resp: 160555
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.6
 130 63.1 72.7 109.1#





#29

Tetrahydrofuran

Concen: 301.830 ug/l

RT: 7.268 min Scan# 910

Delta R.T. 0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

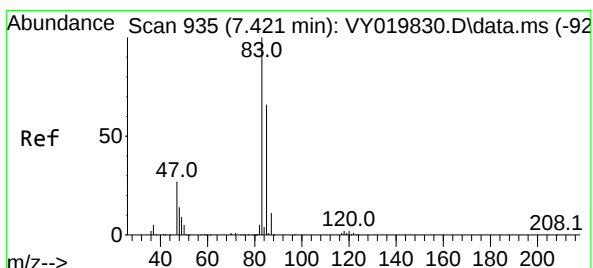
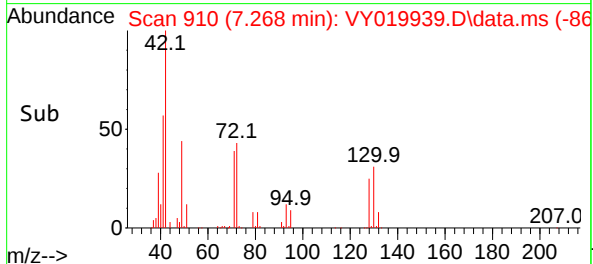
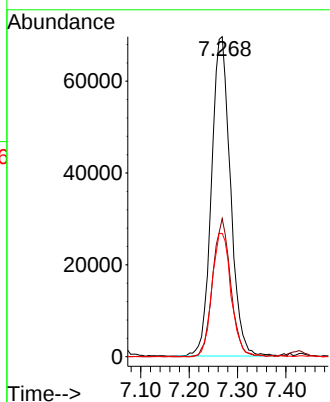
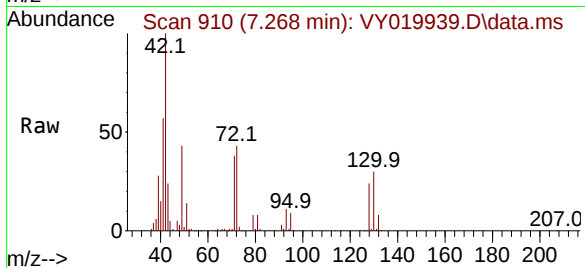
Tgt Ion: 42 Resp: 189155

Ion Ratio Lower Upper

42 100

72 41.2 43.0 64.4#

71 39.0 40.8 61.2#



#30

Chloroform

Concen: 57.962 ug/l

RT: 7.427 min Scan# 936

Delta R.T. 0.006 min

Lab File: VY019939.D

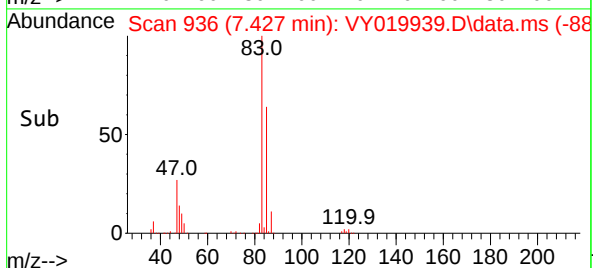
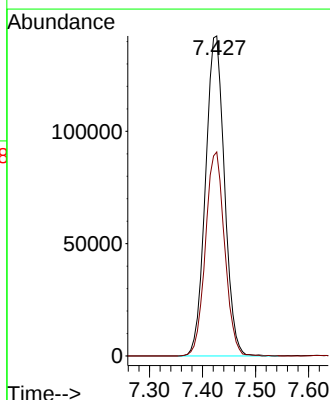
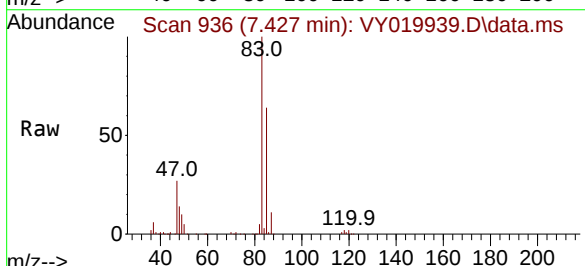
Acq: 17 Oct 2024 17:57

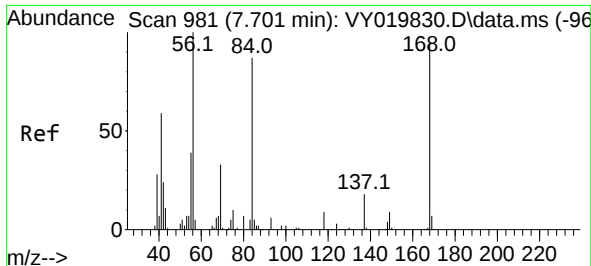
Tgt Ion: 83 Resp: 354265

Ion Ratio Lower Upper

83 100

85 63.8 52.2 78.4

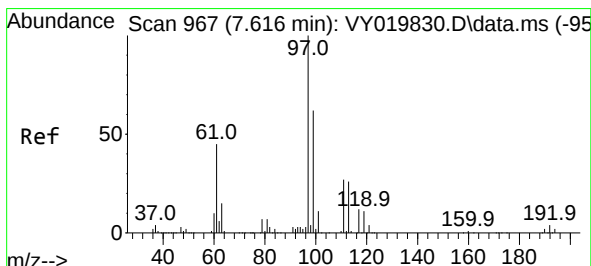
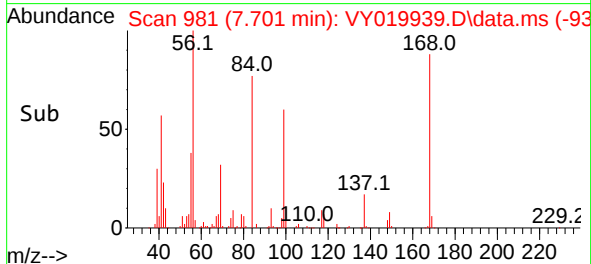
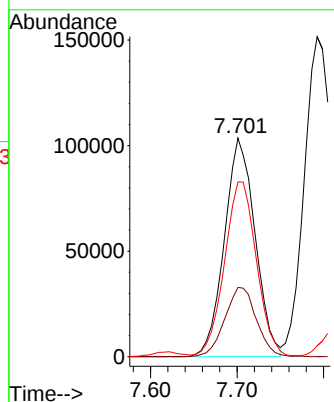
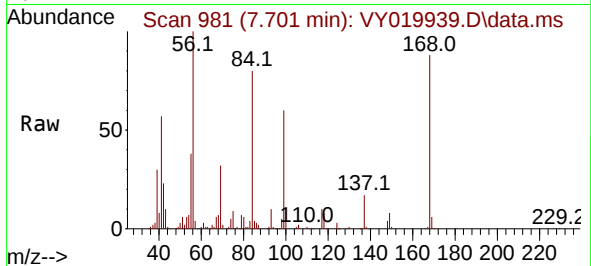




#31
Cyclohexane
Concen: 48.513 ug/l
RT: 7.701 min Scan# 981
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

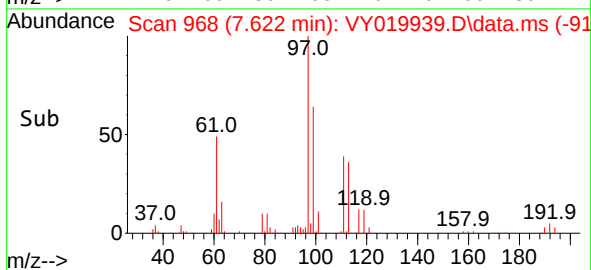
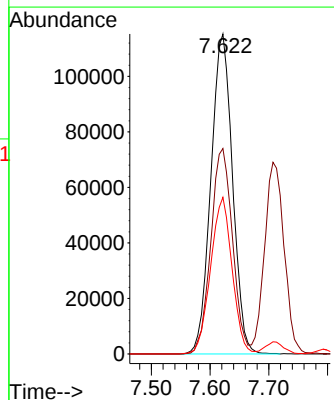
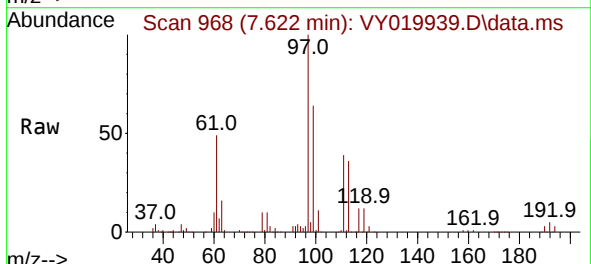
Instrument :
MSVOA_Y
ClientSampleId :

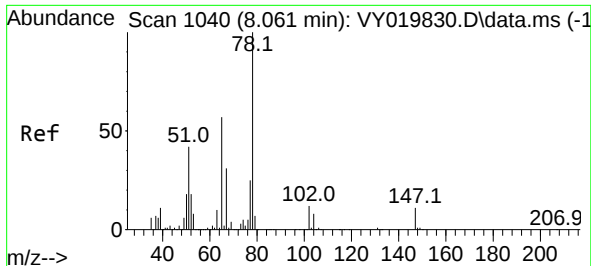
Tgt Ion: 56 Resp: 255334
Ion Ratio Lower Upper
56 100
69 31.7 28.7 43.1
84 78.6 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 55.051 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 97 Resp: 294872
Ion Ratio Lower Upper
97 100
99 64.3 50.3 75.5
61 48.7 32.6 48.8





#33

1,2-Dichloroethane-d4

Concen: 53.230 ug/l

RT: 8.061 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

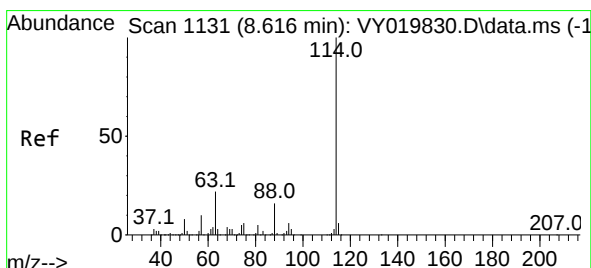
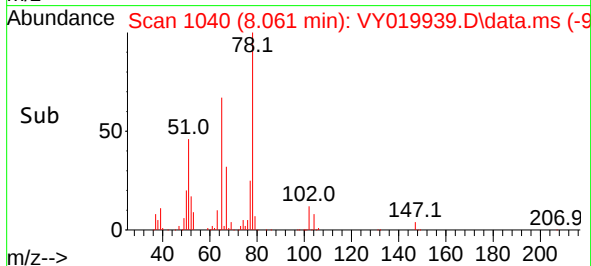
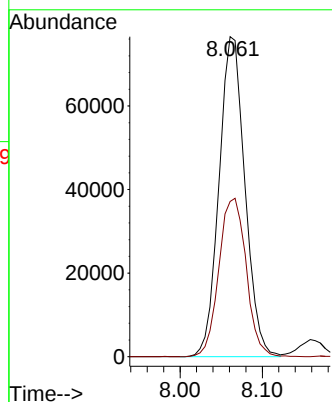
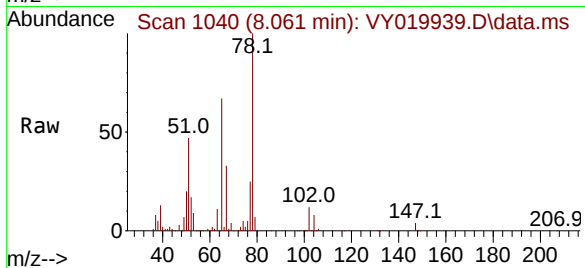
ClientSampleId :

Tgt Ion: 65 Resp: 167672

Ion Ratio Lower Upper

65 100

67 52.2 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.615 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

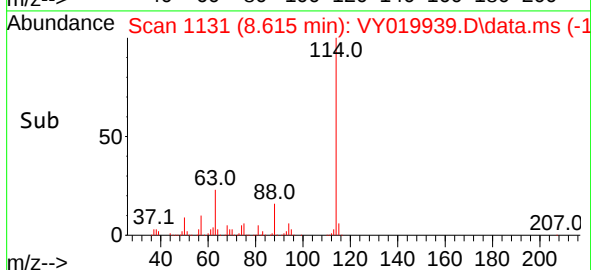
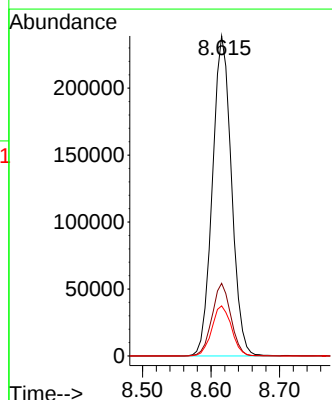
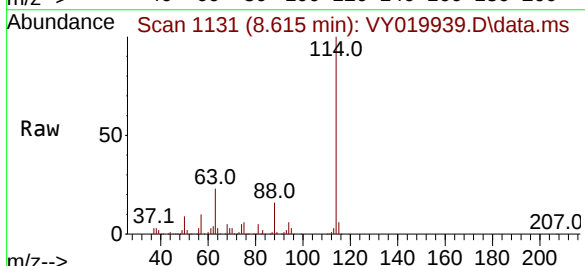
Tgt Ion: 114 Resp: 460902

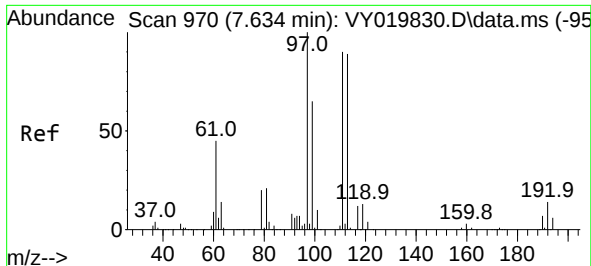
Ion Ratio Lower Upper

114 100

63 22.7 0.0 35.0

88 15.7 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.530 ug/l

RT: 7.634 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

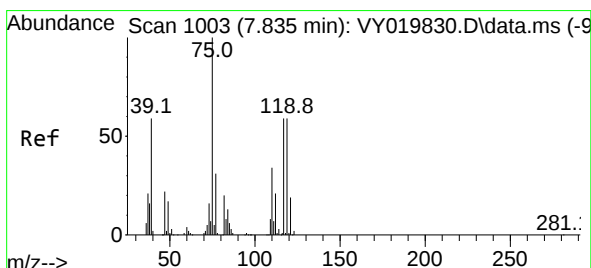
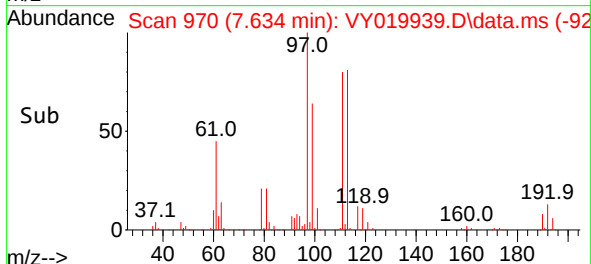
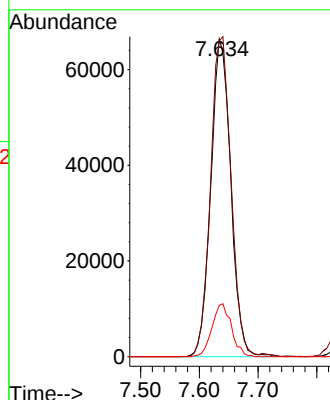
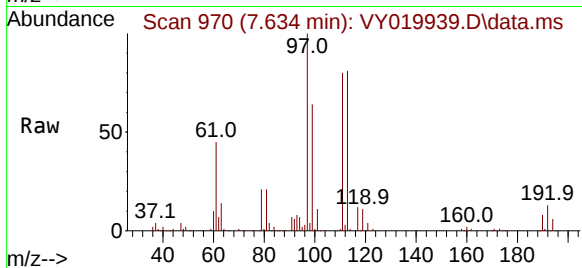
Tgt Ion:113 Resp: 156727

Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.4

192 16.2 15.9 23.9



#36

1,1-Dichloropropene

Concen: 52.322 ug/l

RT: 7.835 min Scan# 1003

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

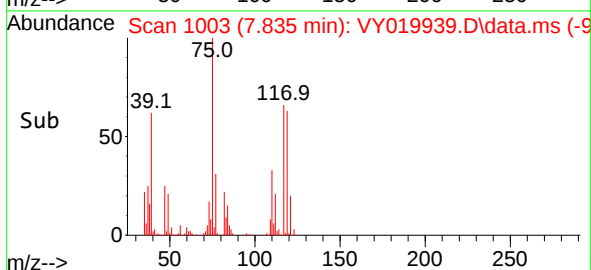
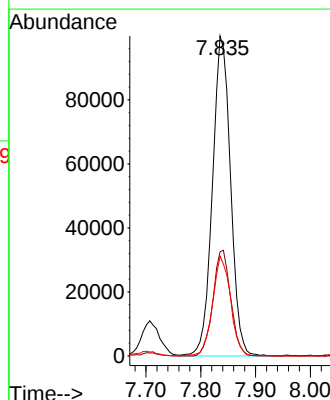
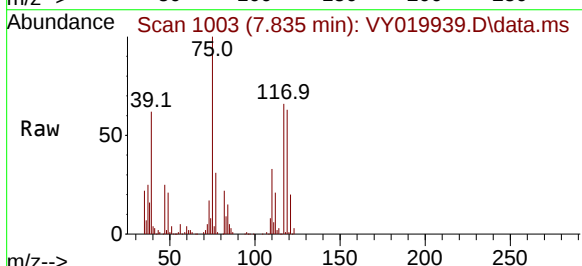
Tgt Ion: 75 Resp: 229263

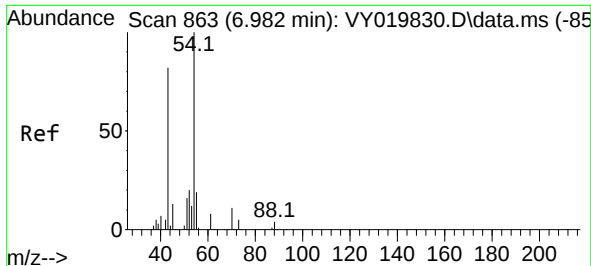
Ion Ratio Lower Upper

75 100

110 32.4 19.0 57.0

77 30.8 25.3 37.9

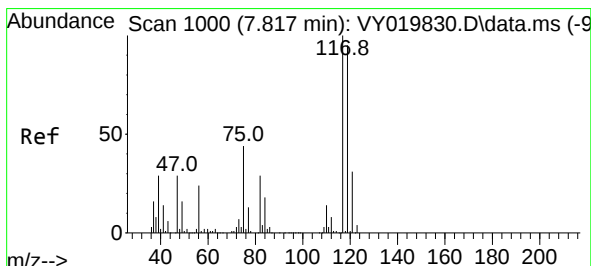
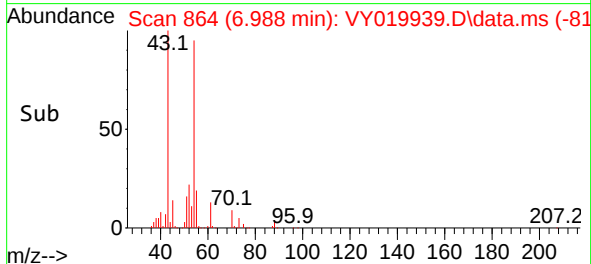
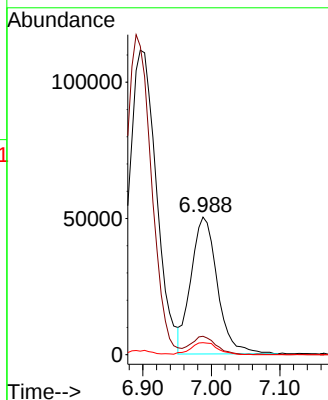
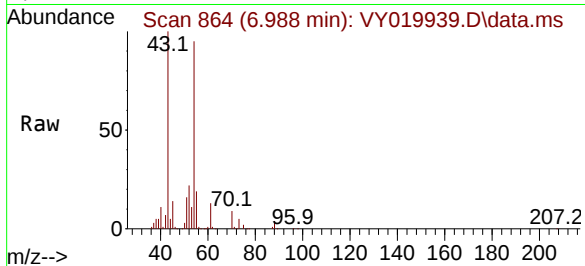




#37
Ethyl Acetate
Concen: 58.881 ug/l
RT: 6.988 min Scan# 80
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

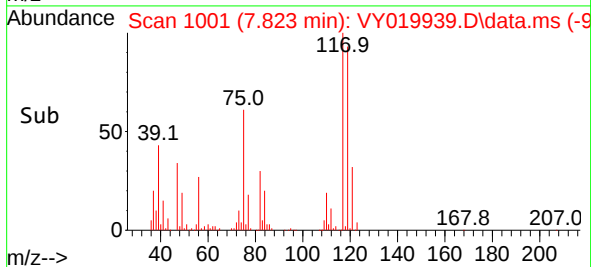
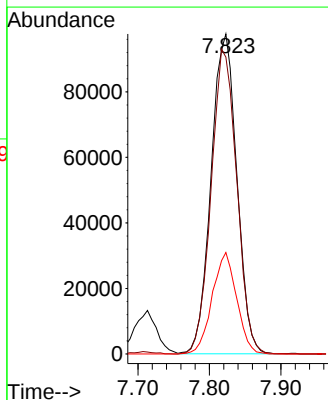
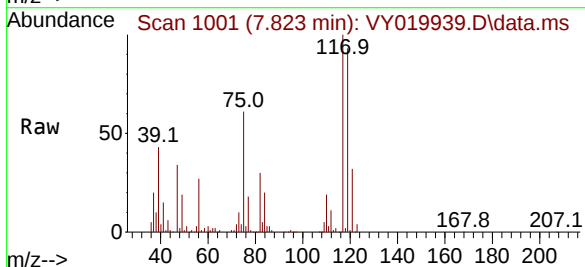
Instrument :
MSVOA_Y
ClientSampleId :

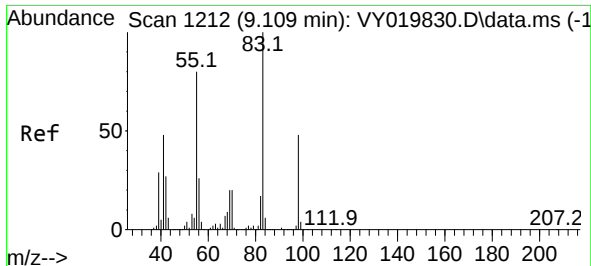
Tgt Ion: 43 Resp: 134532
Ion Ratio Lower Upper
43 100
61 12.4 12.6 19.0#
70 9.0 7.8 11.8



#38
Carbon Tetrachloride
Concen: 51.917 ug/l
RT: 7.823 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 117 Resp: 243873
Ion Ratio Lower Upper
117 100
119 92.8 75.8 113.6
121 31.7 24.0 36.0





#39

Methylcyclohexane

Concen: 48.008 ug/l

RT: 9.109 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

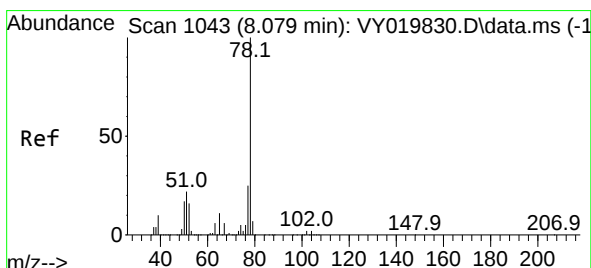
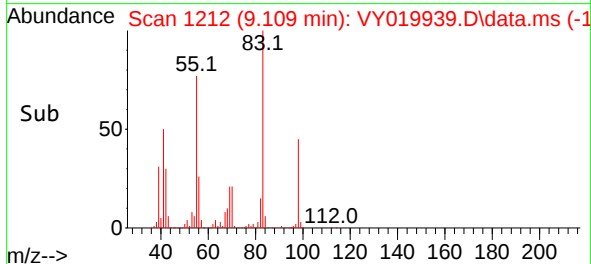
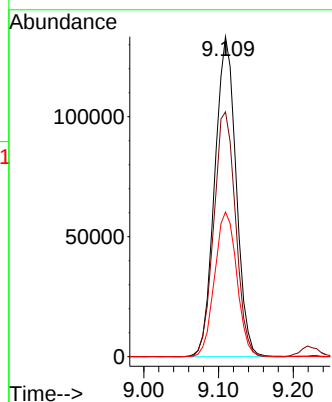
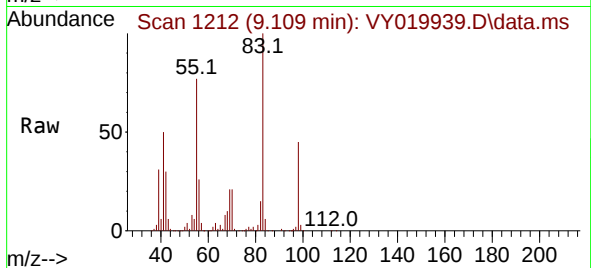
Tgt Ion: 83 Resp: 265050

Ion Ratio Lower Upper

83 100

55 76.5 51.5 77.3

98 45.2 40.5 60.7



#40

Benzene

Concen: 53.724 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. 0.000 min

Lab File: VY019939.D

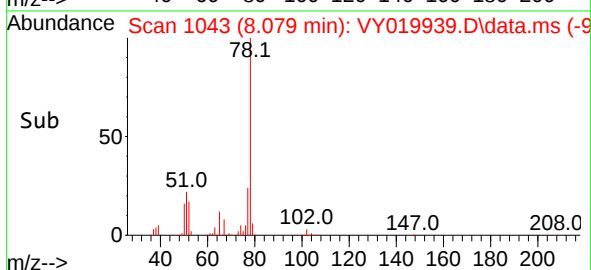
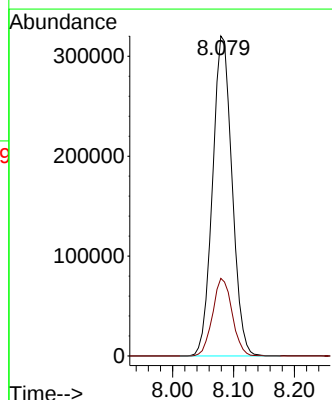
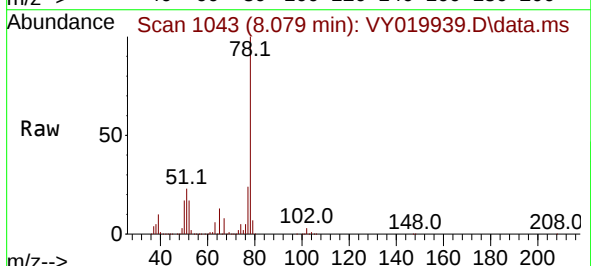
Acq: 17 Oct 2024 17:57

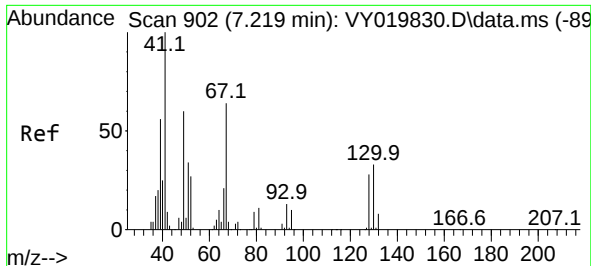
Tgt Ion: 78 Resp: 712424

Ion Ratio Lower Upper

78 100

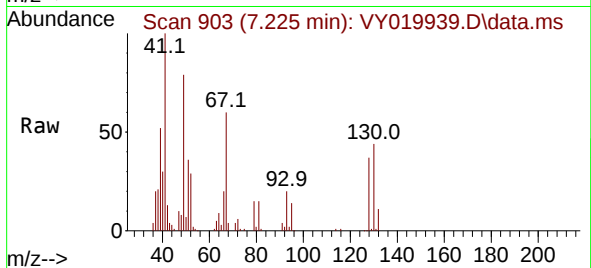
77 24.3 19.5 29.3



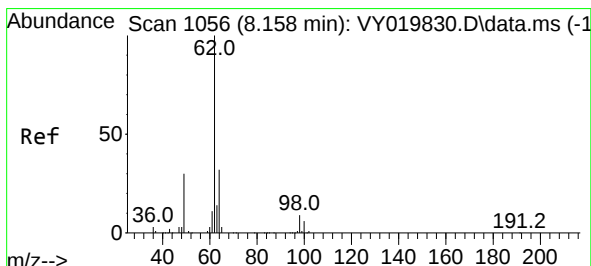
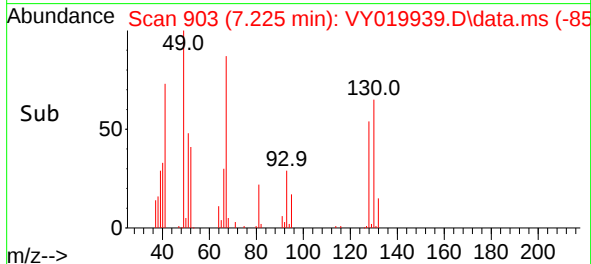
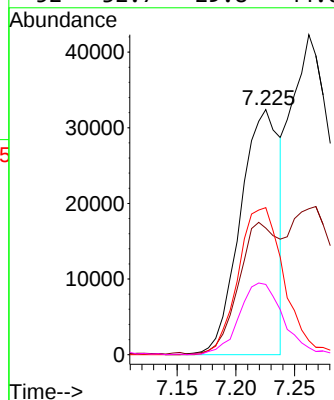


#41
Methacrylonitrile
Concen: 61.185 ug/l
RT: 7.225 min Scan# 902
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Instrument :
MSVOA_Y
ClientSampleId :

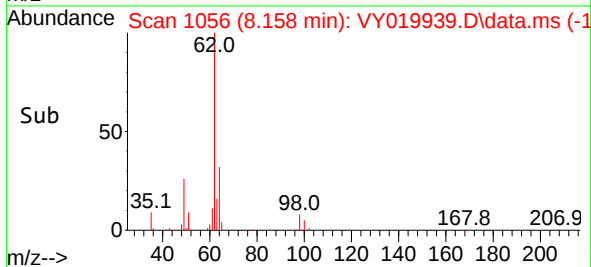
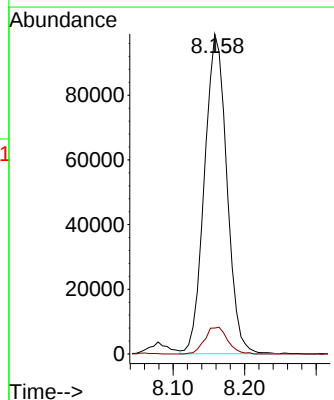
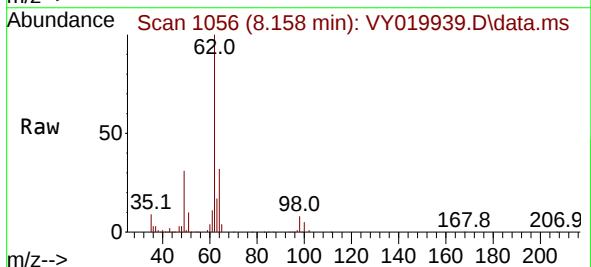


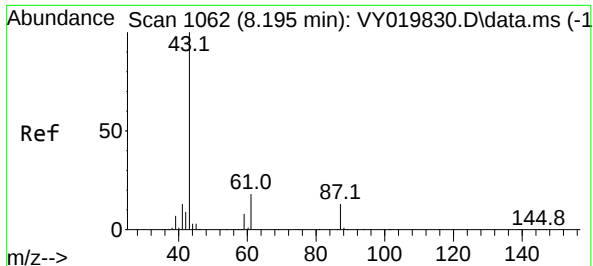
Tgt Ion:	41	Resp:	75661
Ion Ratio	100	Lower	Upper
39	54.2	48.0	72.0
67	69.9	75.1	112.7
52	32.7	29.8	44.6



#42
1,2-Dichloroethane
Concen: 56.427 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion:	62	Resp:	214972
Ion Ratio	100	Lower	Upper
98	8.5	0.0	22.0

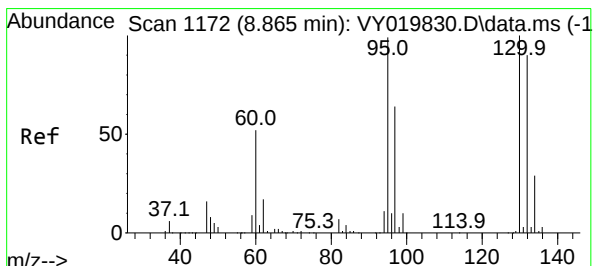
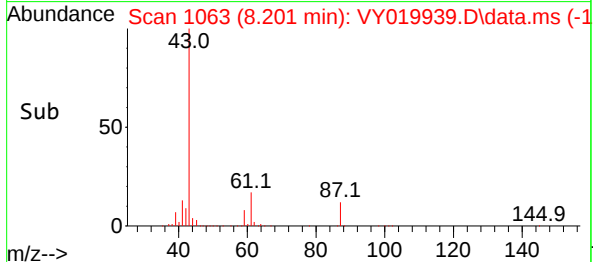
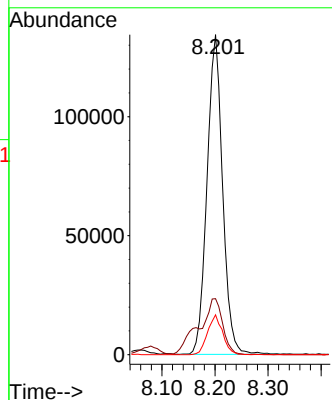
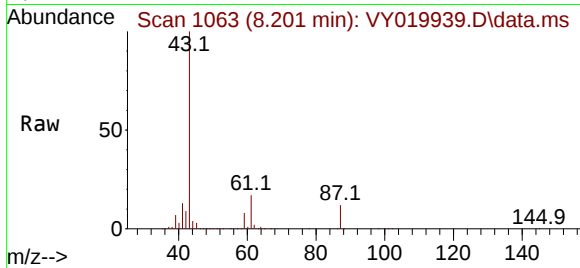




#43
Isopropyl Acetate
Concen: 58.878 ug/l
RT: 8.201 min Scan# 1063
Delta R.T. 0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

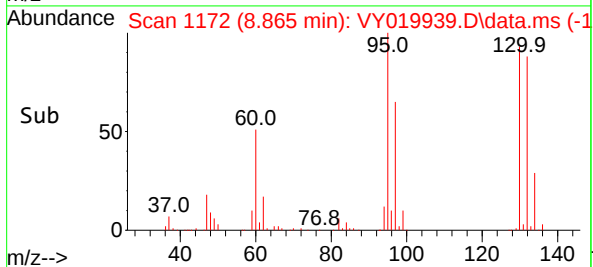
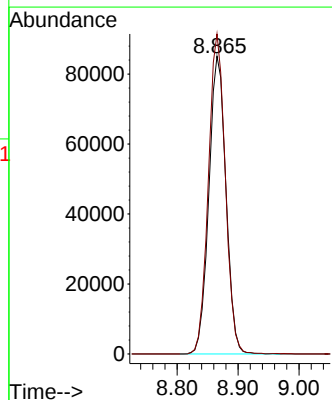
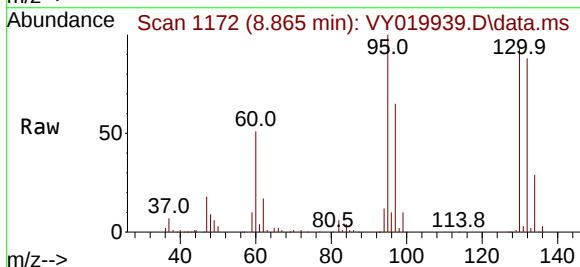
Instrument :
MSVOA_Y
ClientSampleId :

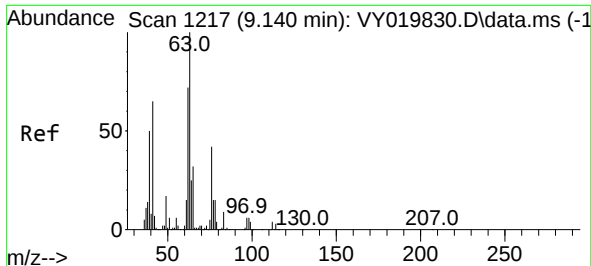
Tgt Ion: 43 Resp: 274349
Ion Ratio Lower Upper
43 100
61 26.5 27.9 41.9#
87 12.0 13.1 19.7#



#44
Trichloroethene
Concen: 51.672 ug/l
RT: 8.865 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 130 Resp: 165961
Ion Ratio Lower Upper
130 100
95 107.5 0.0 188.0





#45

1,2-Dichloropropane

Concen: 56.976 ug/l

RT: 9.140 min Scan# 1217

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

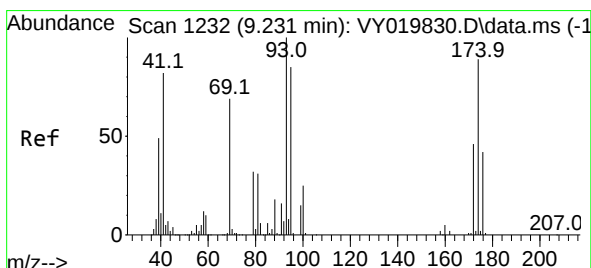
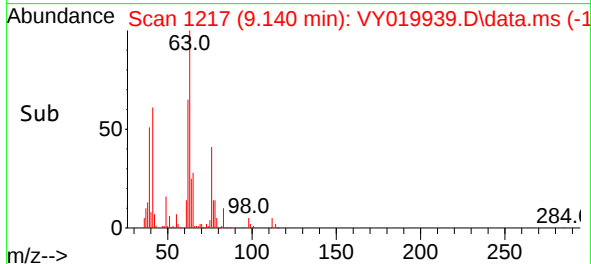
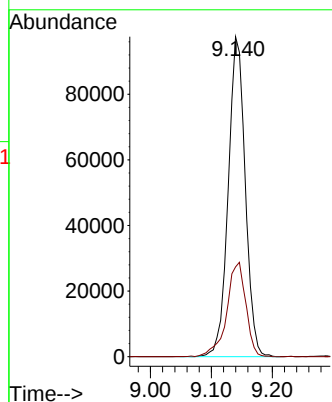
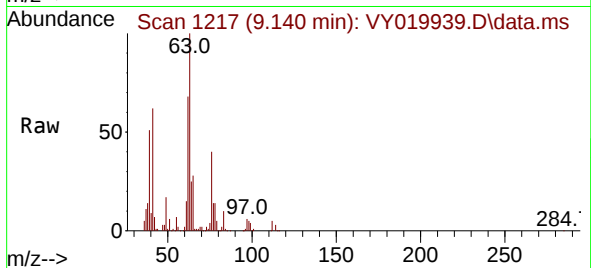
ClientSampleId :

Tgt Ion: 63 Resp: 189112

Ion Ratio Lower Upper

63 100

65 28.0 25.4 38.2



#46

Dibromomethane

Concen: 56.123 ug/l

RT: 9.231 min Scan# 1232

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

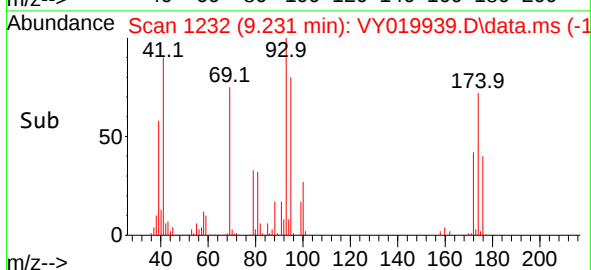
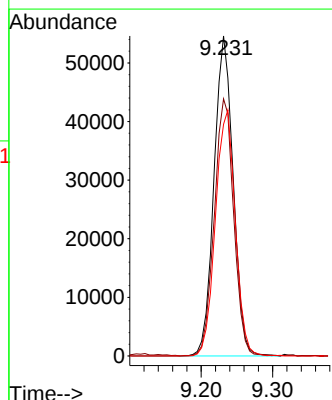
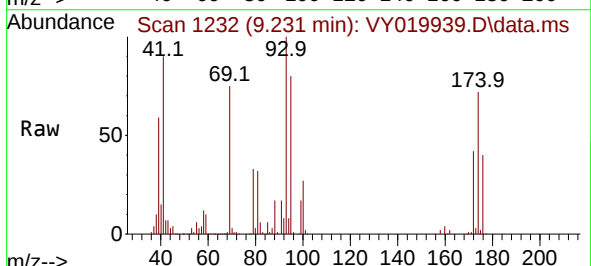
Tgt Ion: 93 Resp: 101776

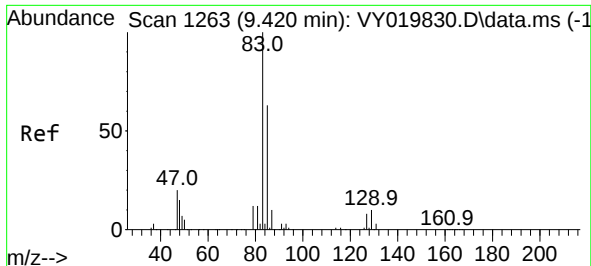
Ion Ratio Lower Upper

93 100

95 81.7 66.2 99.4

174 79.7 80.9 121.3

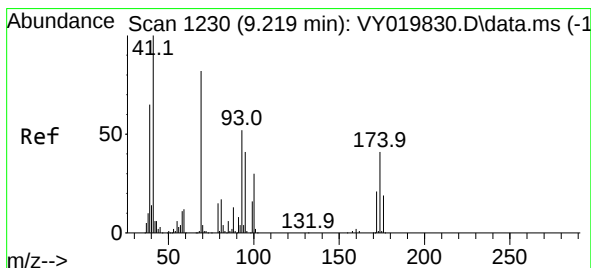
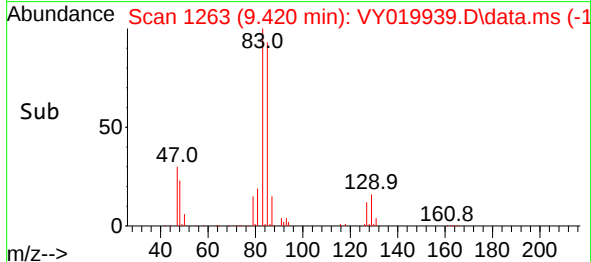
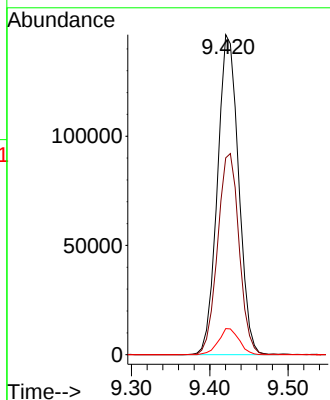
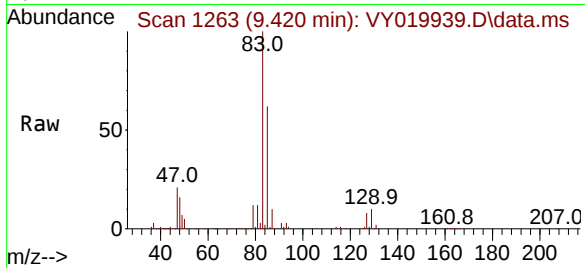




#47
Bromodichloromethane
Concen: 57.147 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

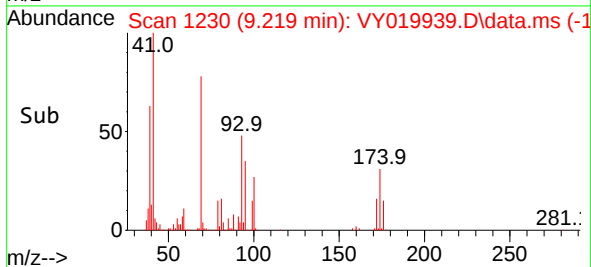
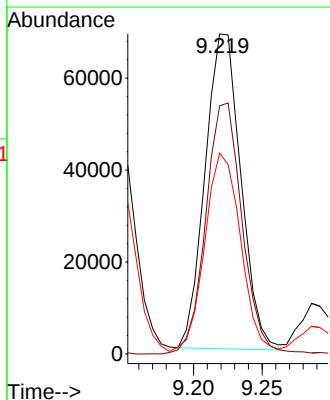
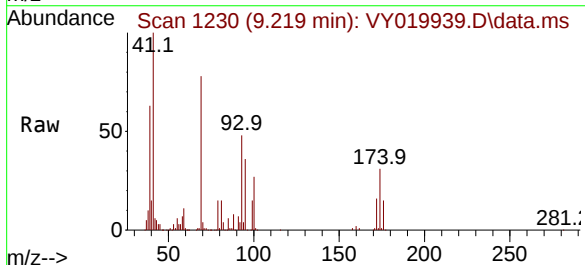
Instrument :
MSVOA_Y
ClientSampleId :

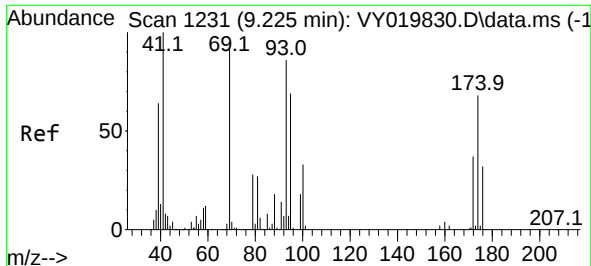
Tgt Ion: 83 Resp: 275072
Ion Ratio Lower Upper
83 100
85 61.5 50.1 75.1
127 8.2 7.4 11.0



#48
Methyl methacrylate
Concen: 60.730 ug/l
RT: 9.219 min Scan# 1230
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 41 Resp: 124476
Ion Ratio Lower Upper
41 100
69 81.1 84.1 126.1#
39 62.8 43.6 65.4





#49

1,4-Dioxane

Concen: 1105.556 ug/l

RT: 9.237 min Scan# 1

Delta R.T. 0.006 min

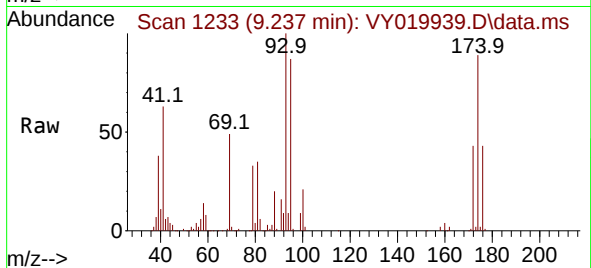
Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :



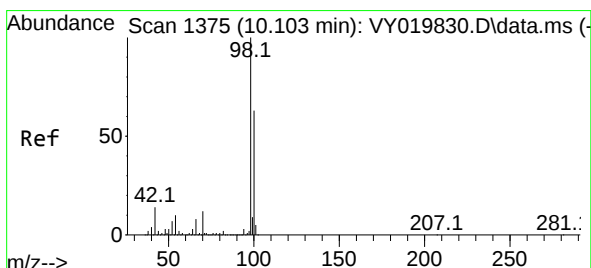
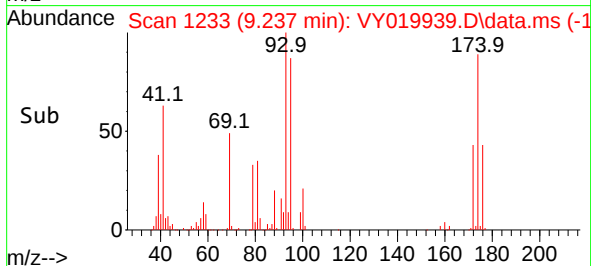
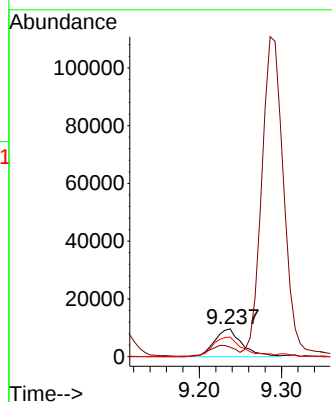
Tgt Ion: 88 Resp: 22439

Ion Ratio Lower Upper

88 100

43 34.9 0.0 0.0#

58 76.3 49.3 73.9#



#50

Toluene-d8

Concen: 49.746 ug/l

RT: 10.109 min Scan# 1376

Delta R.T. 0.000 min

Lab File: VY019939.D

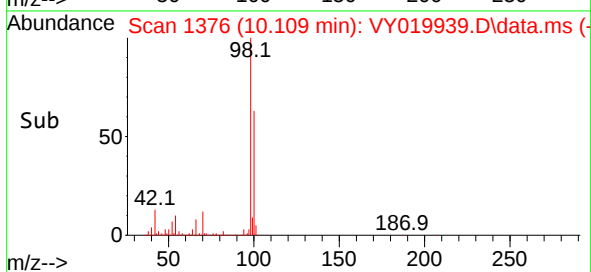
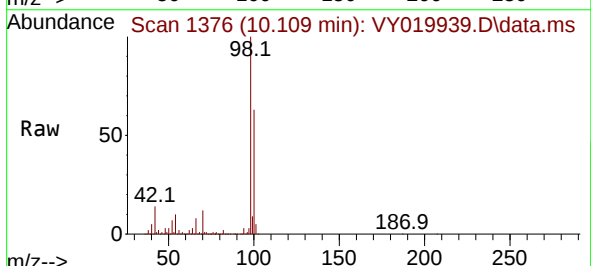
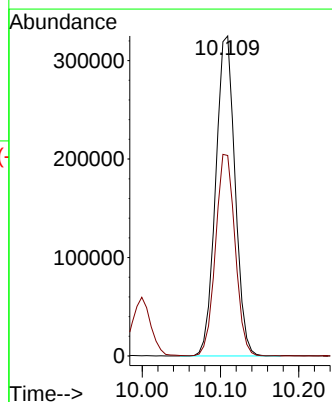
Acq: 17 Oct 2024 17:57

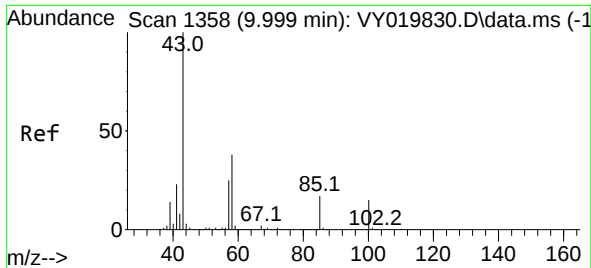
Tgt Ion: 98 Resp: 558732

Ion Ratio Lower Upper

98 100

100 63.6 52.0 78.0

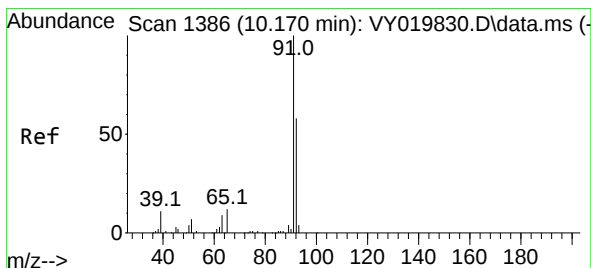
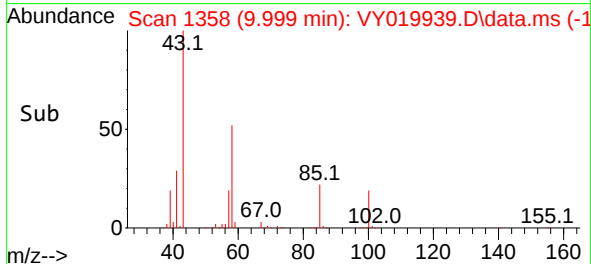
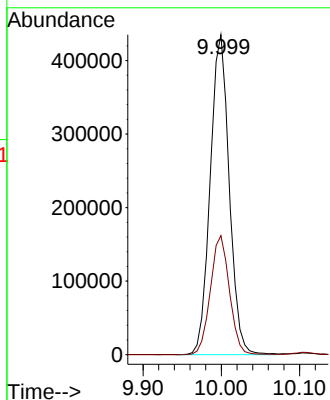
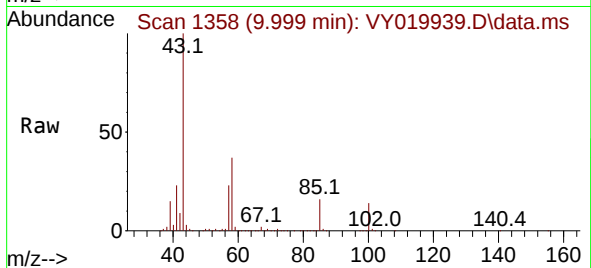




#51
4-Methyl-2-Pentanone
Concen: 308.601 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

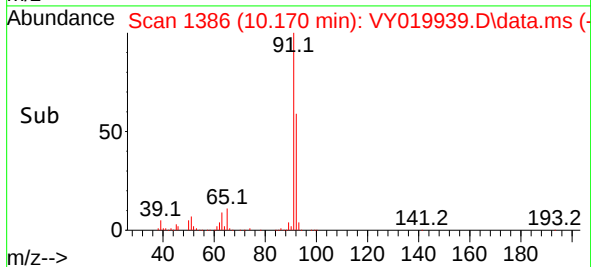
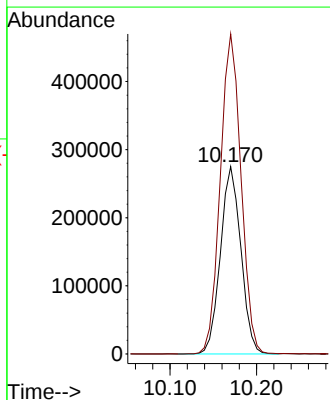
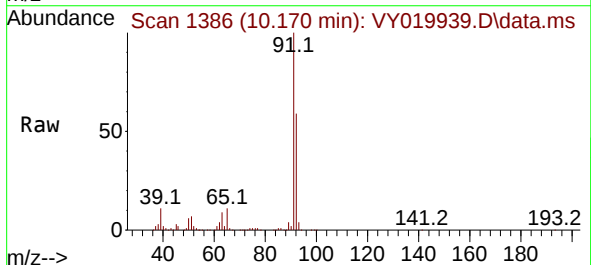
Instrument :
MSVOA_Y
ClientSampleId :

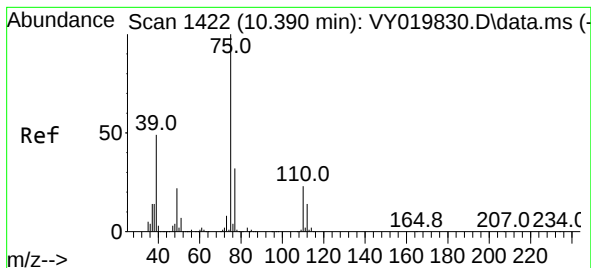
Tgt Ion: 43 Resp: 733459
Ion Ratio Lower Upper
43 100
58 37.3 35.7 53.5



#52
Toluene
Concen: 54.425 ug/l
RT: 10.170 min Scan# 1386
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 92 Resp: 450511
Ion Ratio Lower Upper
92 100
91 173.6 139.0 208.6

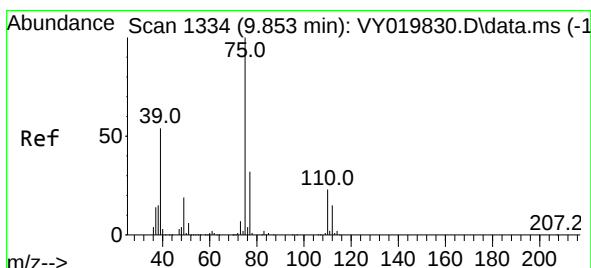
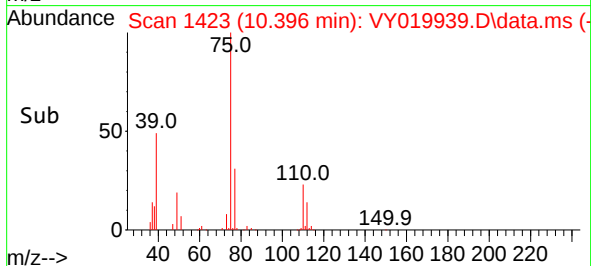
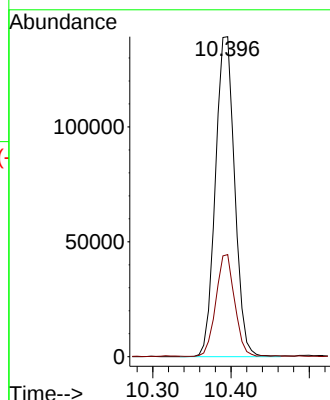
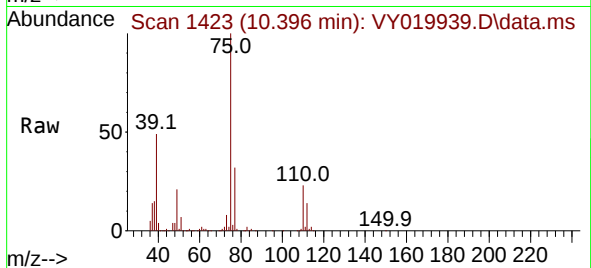




#53
 t-1,3-Dichloropropene
 Concen: 54.976 ug/l
 RT: 10.396 min Scan# 1422
 Delta R.T. 0.000 min
 Lab File: VY019939.D
 Acq: 17 Oct 2024 17:57

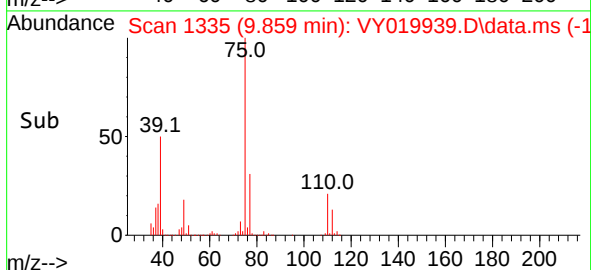
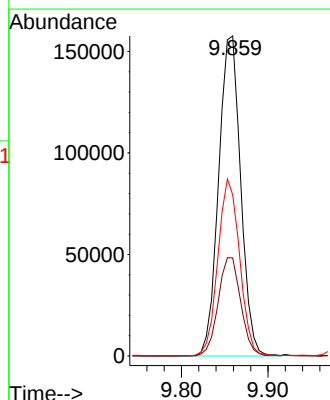
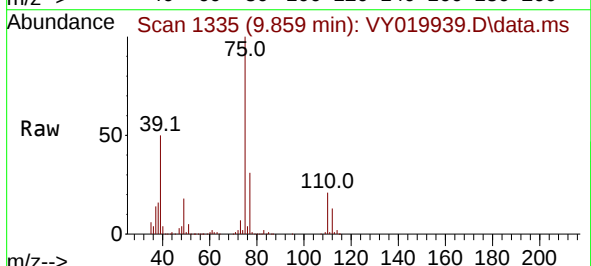
Instrument :
 MSVOA_Y
 ClientSampleId :

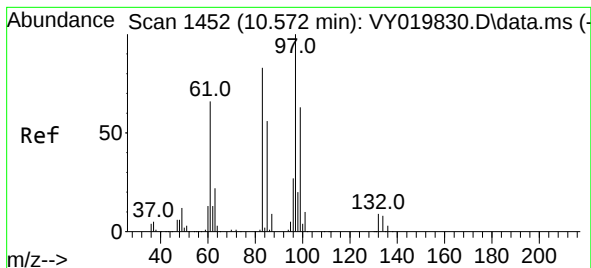
Tgt Ion: 75 Resp: 238096
 Ion Ratio Lower Upper
 75 100
 77 31.7 24.1 36.1



#54
 cis-1,3-Dichloropropene
 Concen: 54.521 ug/l
 RT: 9.859 min Scan# 1335
 Delta R.T. 0.000 min
 Lab File: VY019939.D
 Acq: 17 Oct 2024 17:57

Tgt Ion: 75 Resp: 278617
 Ion Ratio Lower Upper
 75 100
 77 30.6 25.4 38.0
 39 50.2 29.8 44.6#

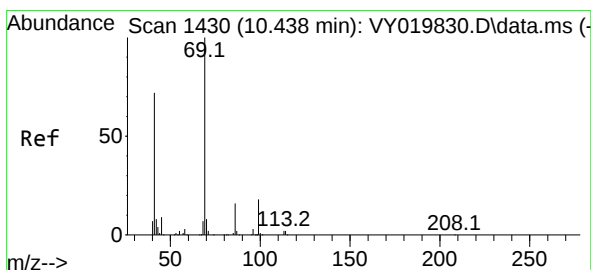
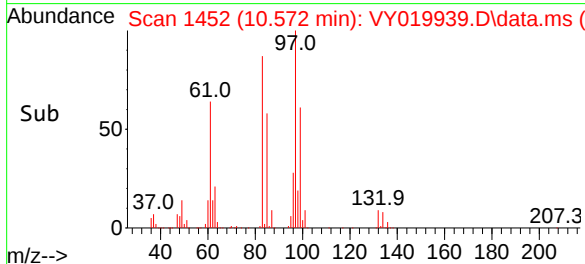
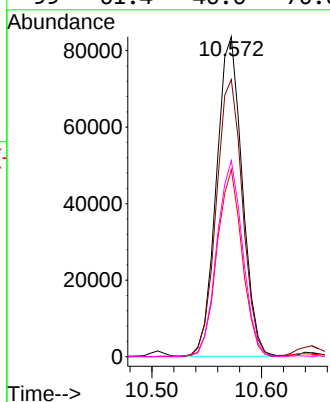
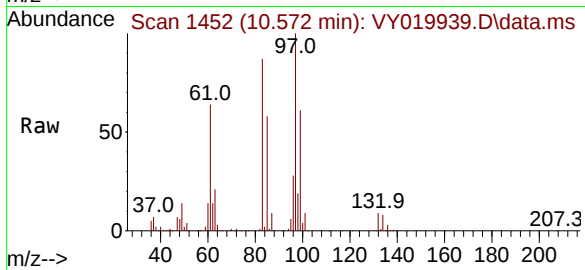




#55
1,1,2-Trichloroethane
Concen: 57.079 ug/l
RT: 10.572 min Scan# 1452
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

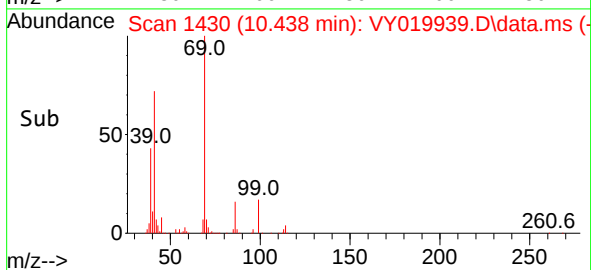
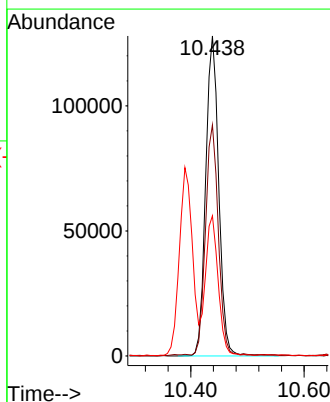
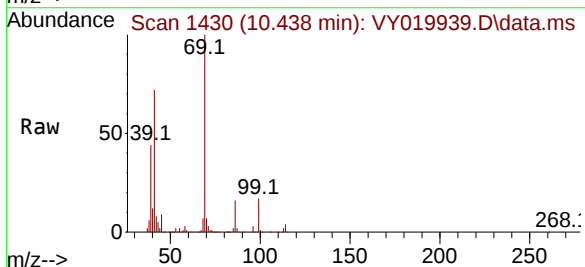
Instrument :
MSVOA_Y
ClientSampleId :

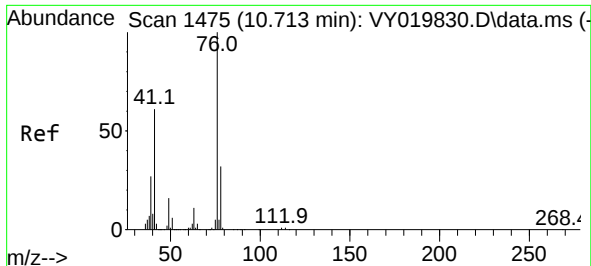
Tgt Ion:	97	Resp:	136374
Ion	Ratio	Lower	Upper
97	100		
83	86.6	67.5	101.3
85	58.6	42.9	64.3
99	61.4	46.6	70.0



#56
Ethyl methacrylate
Concen: 59.649 ug/l
RT: 10.438 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion:	69	Resp:	204496
Ion	Ratio	Lower	Upper
69	100		
41	70.0	42.3	63.5#
39	42.8	22.9	34.3#





#57

1,3-Dichloropropane

Concen: 57.039 ug/l

RT: 10.713 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

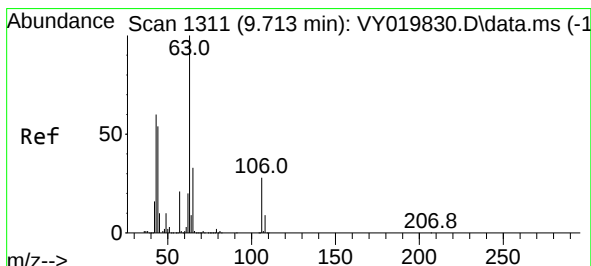
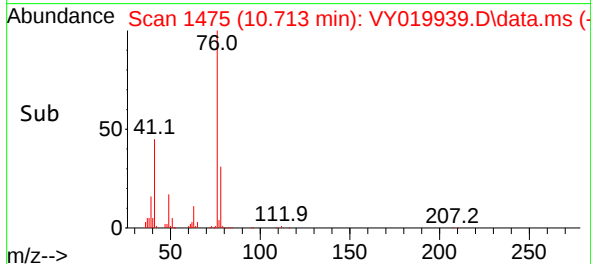
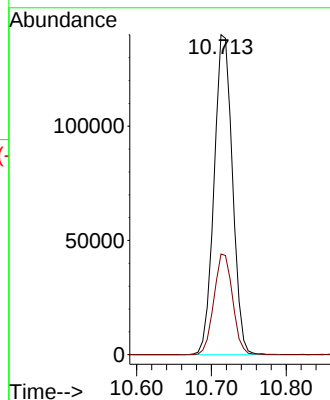
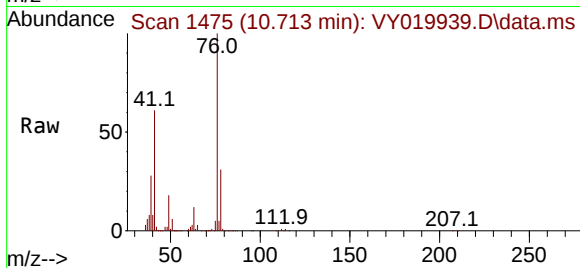
ClientSampleId :

Tgt Ion: 76 Resp: 239323

Ion Ratio Lower Upper

76 100

78 32.0 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 293.658 ug/l

RT: 9.713 min Scan# 1311

Delta R.T. 0.000 min

Lab File: VY019939.D

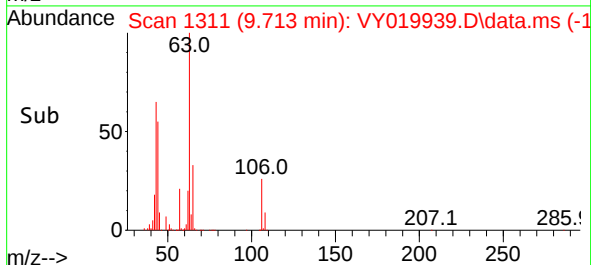
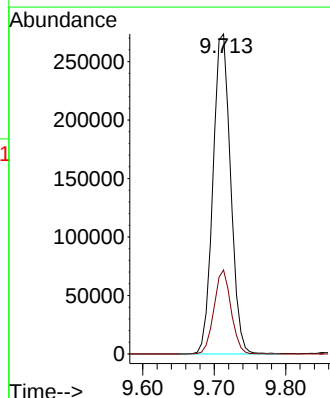
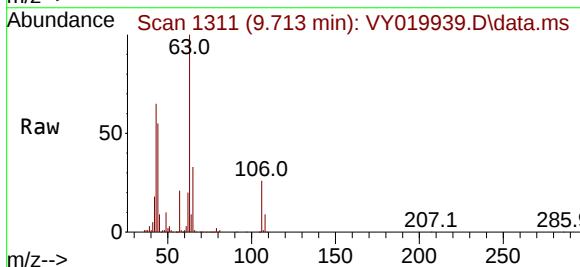
Acq: 17 Oct 2024 17:57

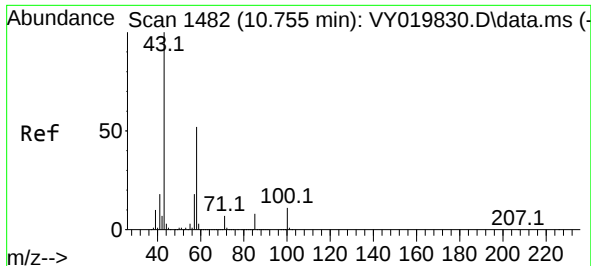
Tgt Ion: 63 Resp: 468671

Ion Ratio Lower Upper

63 100

106 25.3 23.7 35.5

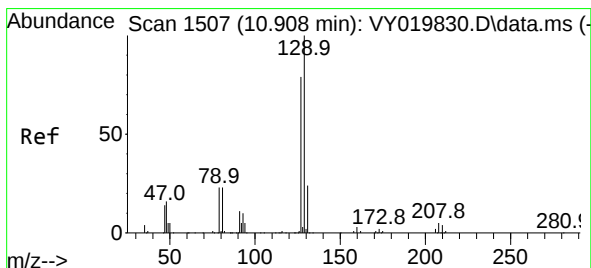
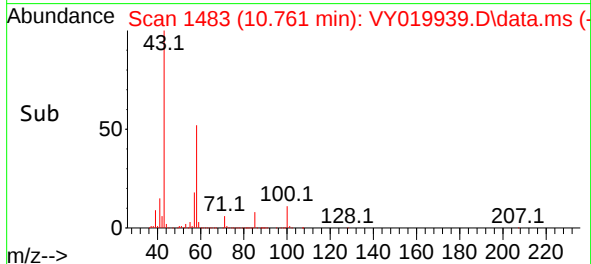
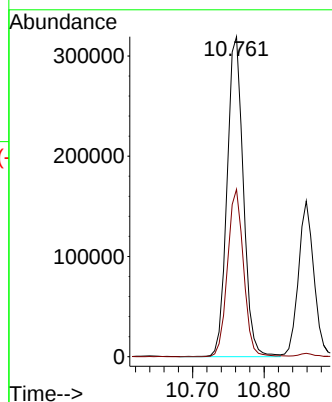
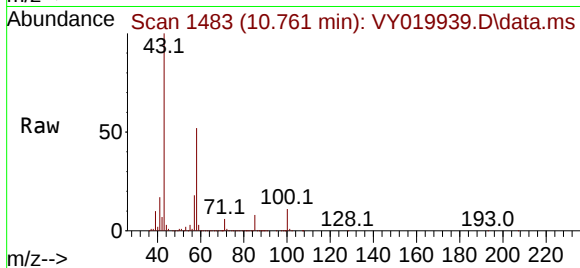




#59
2-Hexanone
Concen: 296.761 ug/l
RT: 10.761 min Scan# 1482
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

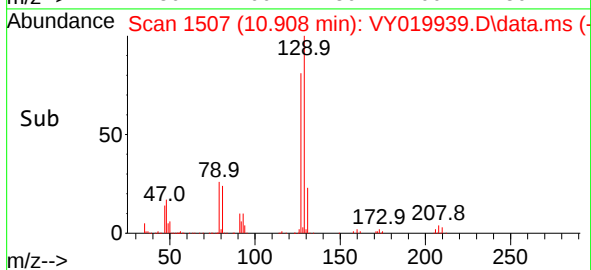
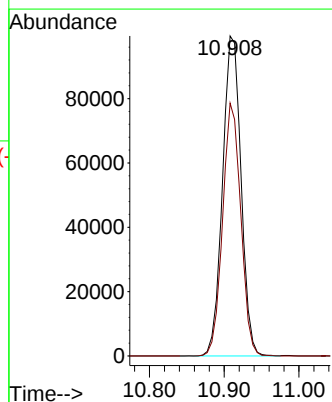
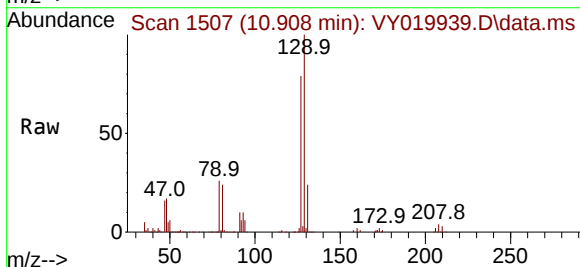
Instrument :
MSVOA_Y
ClientSampleId :

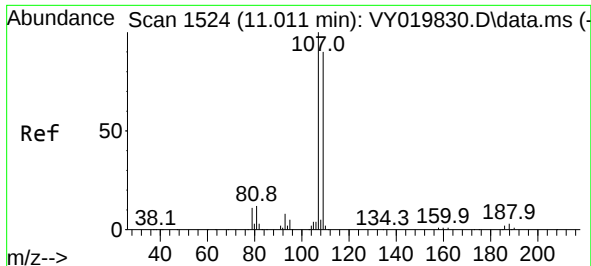
Tgt Ion: 43 Resp: 503761
Ion Ratio Lower Upper
43 100
58 51.6 31.4 94.0



#60
Dibromochloromethane
Concen: 55.925 ug/l
RT: 10.908 min Scan# 1507
Delta R.T. -0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 129 Resp: 171501
Ion Ratio Lower Upper
129 100
127 77.4 39.0 117.0

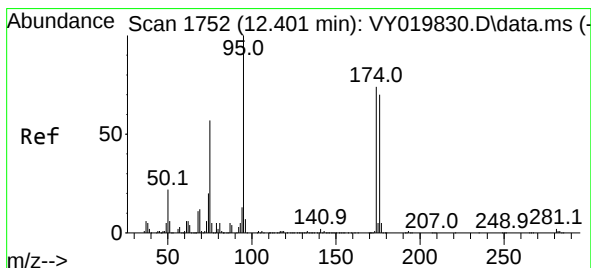
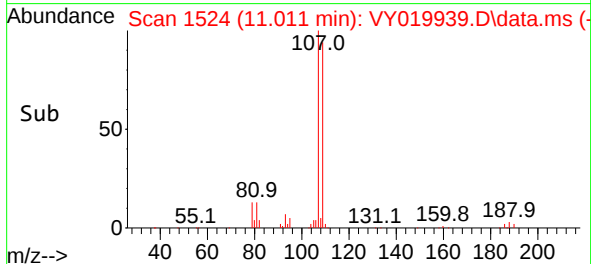
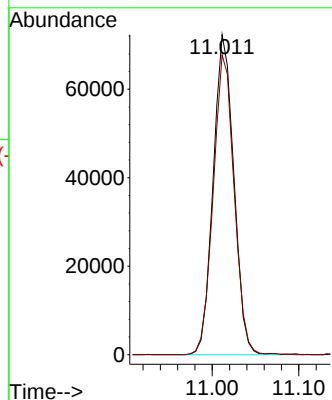
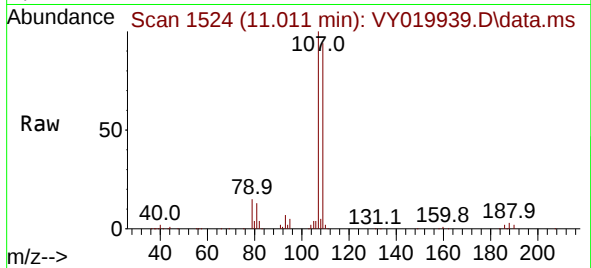




#61
1,2-Dibromoethane
Concen: 55.347 ug/l
RT: 11.011 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

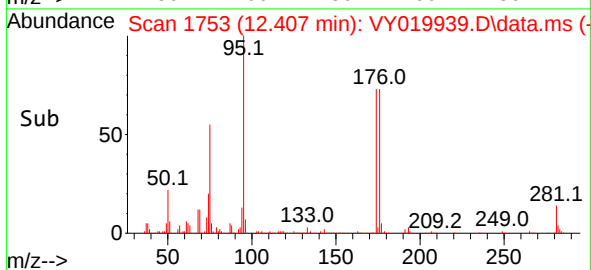
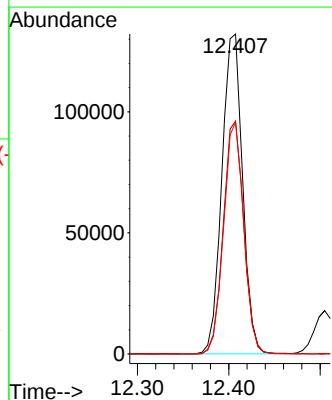
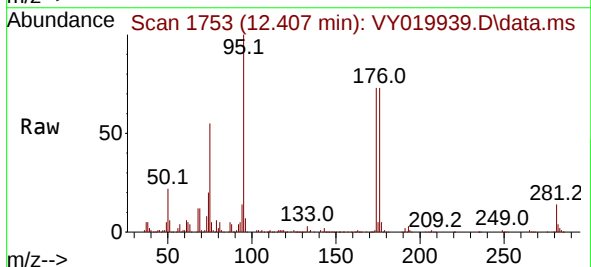
Instrument :
MSVOA_Y
ClientSampleId :

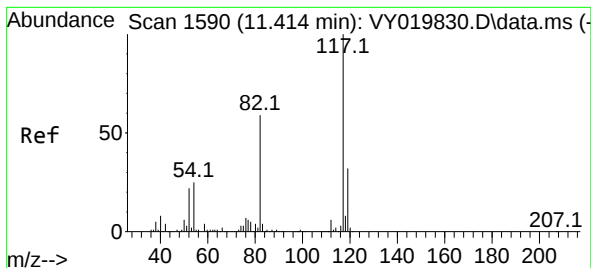
Tgt Ion:107 Resp: 119495
Ion Ratio Lower Upper
107 100
109 95.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 51.153 ug/l
RT: 12.407 min Scan# 1753
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 95 Resp: 207594
Ion Ratio Lower Upper
95 100
174 72.0 0.0 175.6
176 70.6 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.414 min Scan# 11

Delta R.T. -0.006 min

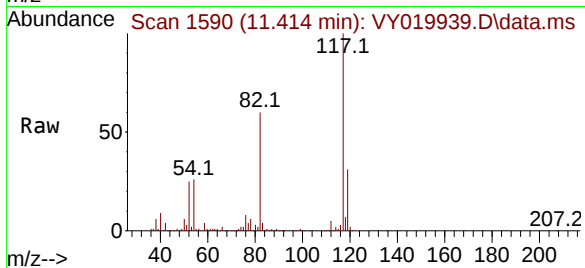
Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :



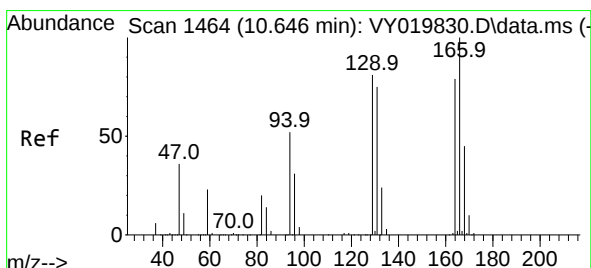
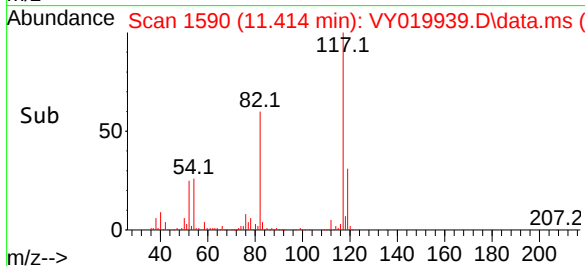
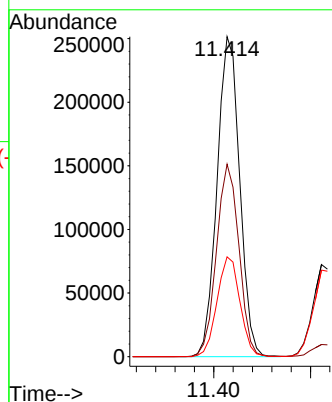
Tgt Ion:117 Resp: 407786

Ion Ratio Lower Upper

117 100

82 60.1 42.4 63.6

119 31.2 25.9 38.9



#64

Tetrachloroethene

Concen: 50.106 ug/l

RT: 10.646 min Scan# 1464

Delta R.T. -0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Tgt Ion:164 Resp: 145333

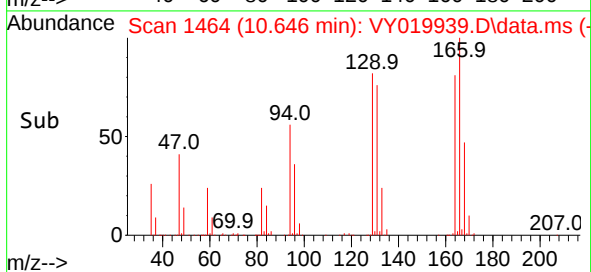
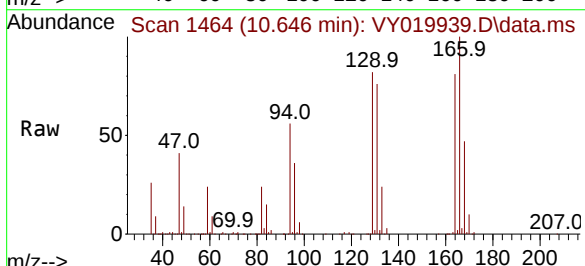
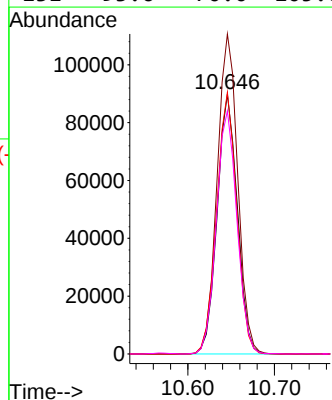
Ion Ratio Lower Upper

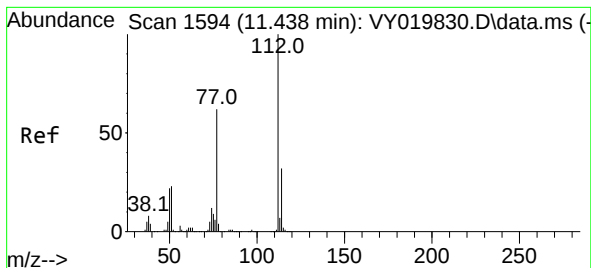
164 100

166 123.2 102.6 154.0

129 100.7 72.0 108.0

131 93.6 70.0 105.0





#65

Chlorobenzene

Concen: 52.688 ug/l

RT: 11.438 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

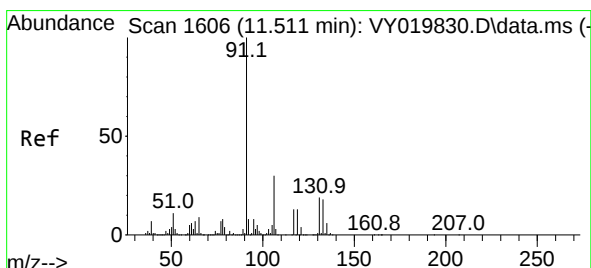
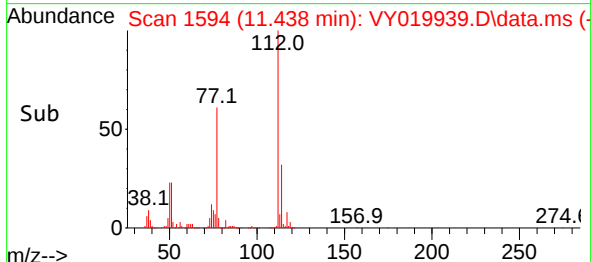
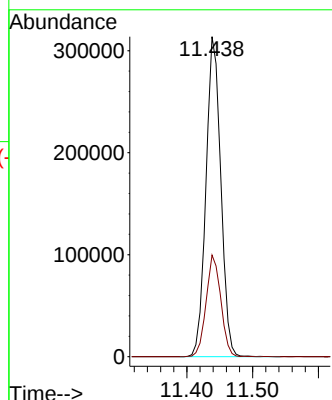
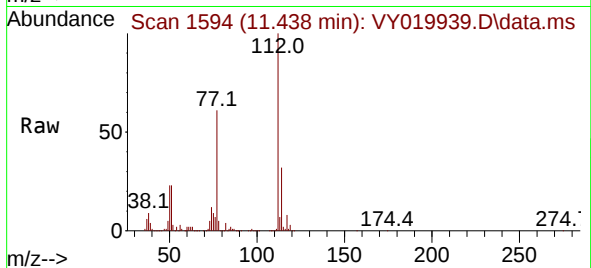
ClientSampleId :

Tgt Ion:112 Resp: 491424

Ion Ratio Lower Upper

112 100

114 31.8 26.4 39.6



#66

1,1,1,2-Tetrachloroethane

Concen: 52.700 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

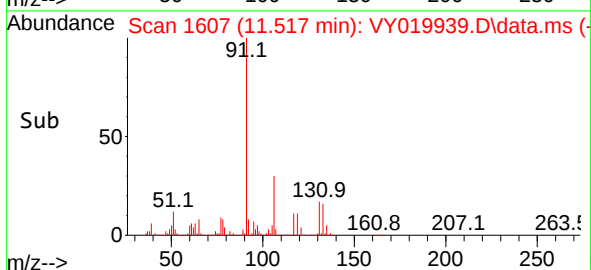
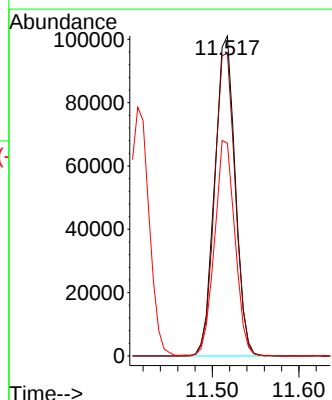
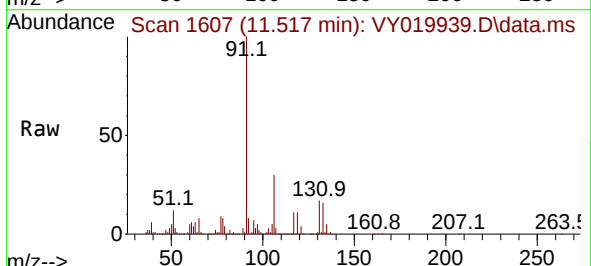
Tgt Ion:131 Resp: 166302

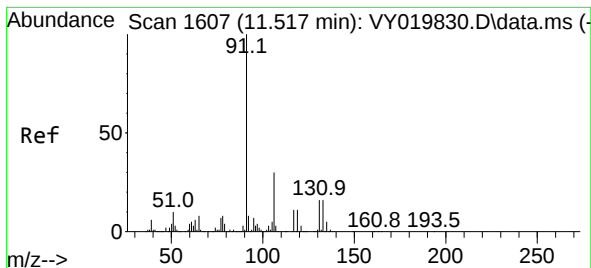
Ion Ratio Lower Upper

131 100

133 95.6 47.8 143.3

119 67.3 34.1 102.2





#67

Ethyl Benzene

Concen: 53.082 ug/l

RT: 11.517 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

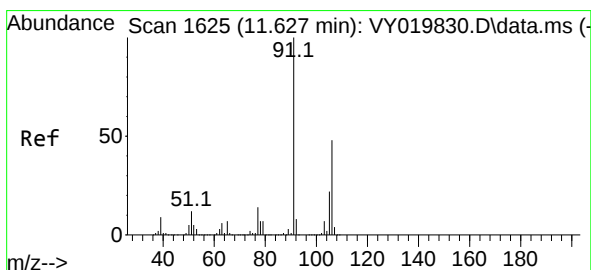
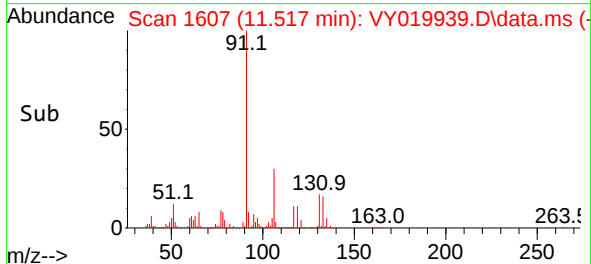
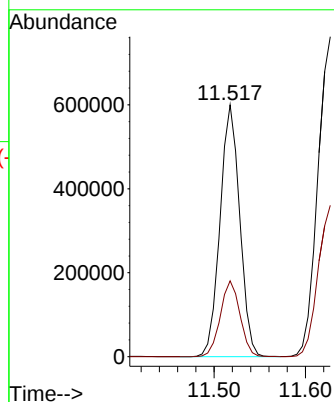
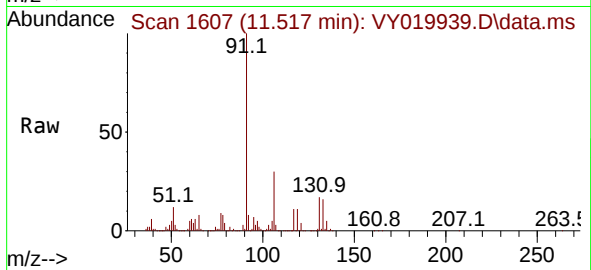
ClientSampleId :

Tgt Ion: 91 Resp: 899370

Ion Ratio Lower Upper

91 100

106 30.2 24.5 36.7



#68

m/p-Xylenes

Concen: 103.441 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019939.D

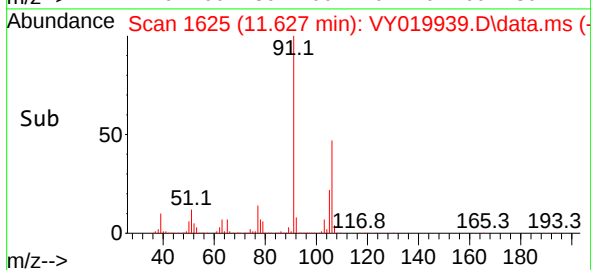
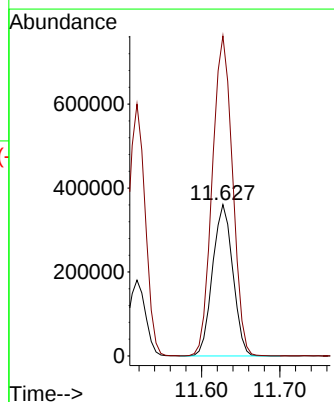
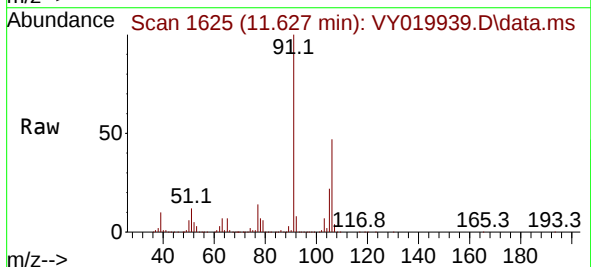
Acq: 17 Oct 2024 17:57

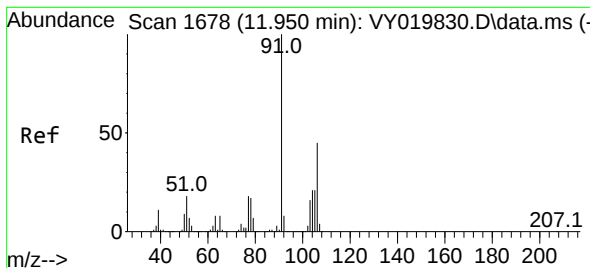
Tgt Ion:106 Resp: 647272

Ion Ratio Lower Upper

106 100

91 211.7 156.0 234.0





#69

o-Xylene

Concen: 52.825 ug/l

RT: 11.950 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

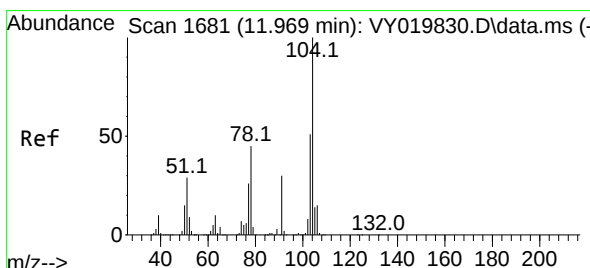
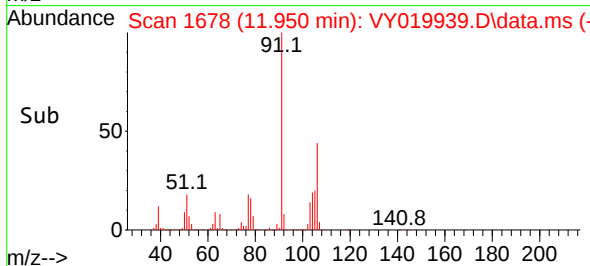
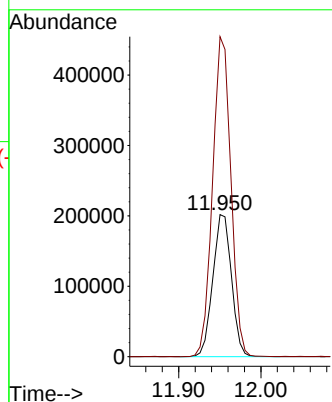
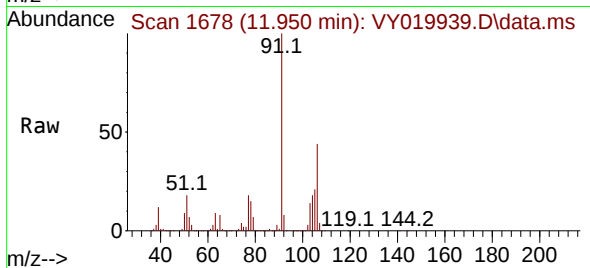
ClientSampleId :

Tgt Ion:106 Resp: 317594

Ion Ratio Lower Upper

106 100

91 221.3 103.6 310.8



#70

Styrene

Concen: 54.240 ug/l

RT: 11.969 min Scan# 1681

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

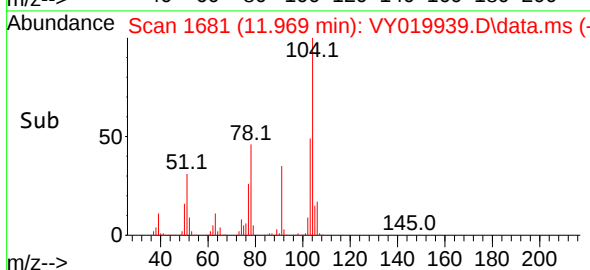
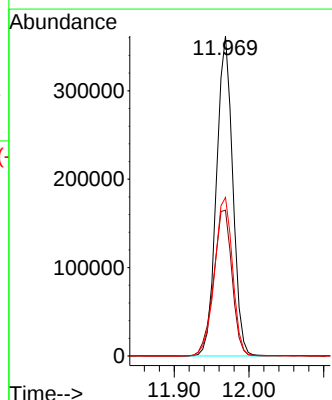
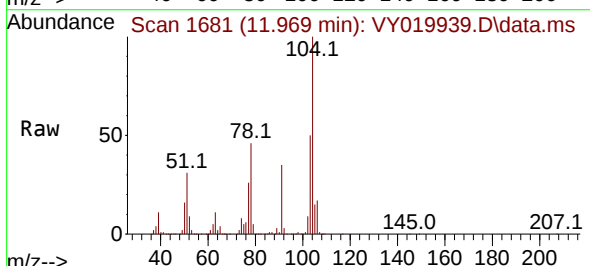
Tgt Ion:104 Resp: 550179

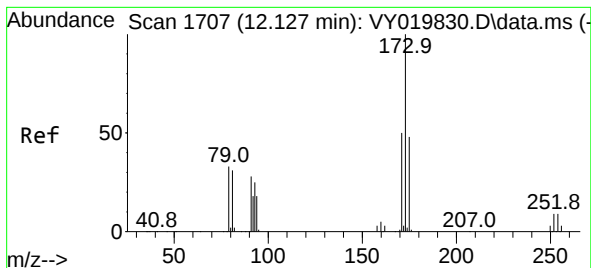
Ion Ratio Lower Upper

104 100

78 51.6 37.0 55.4

103 54.7 44.2 66.2





#71

Bromoform

Concen: 53.453 ug/l

RT: 12.133 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

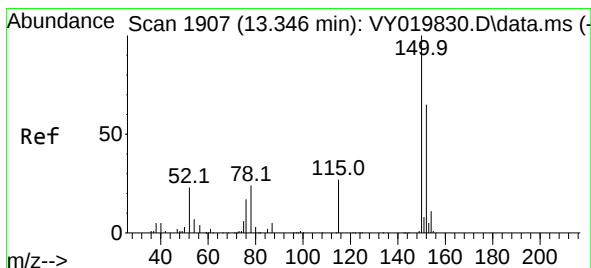
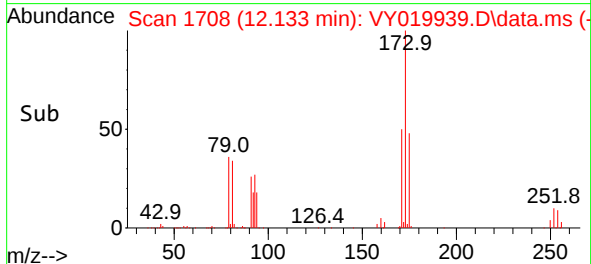
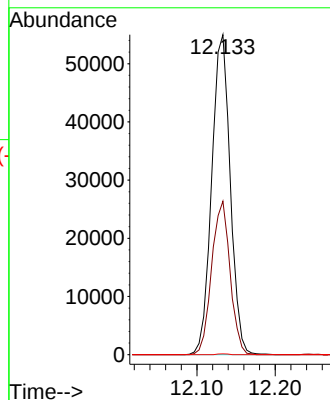
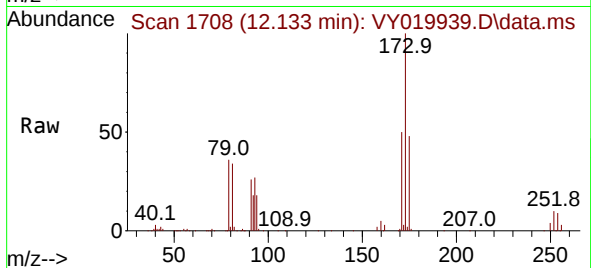
Tgt Ion:173 Resp: 90299

Ion Ratio Lower Upper

173 100

175 47.5 25.1 75.3

254 0.1 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: VY019939.D

Acq: 17 Oct 2024 17:57

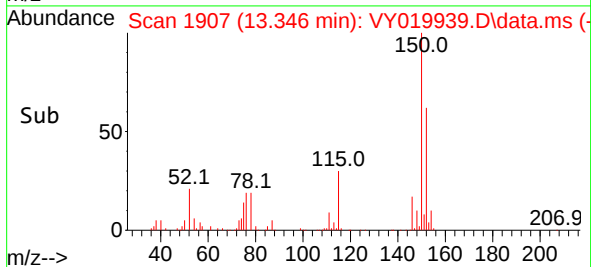
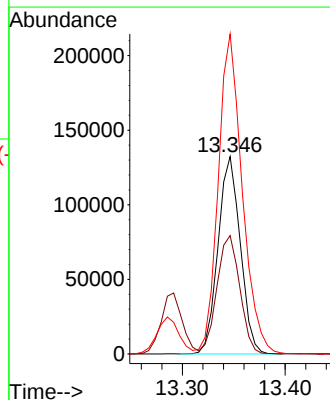
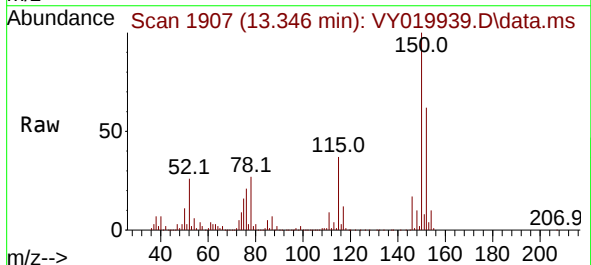
Tgt Ion:152 Resp: 198679

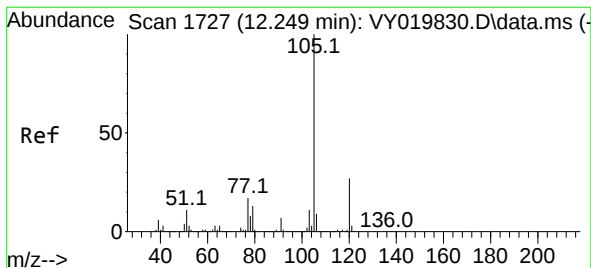
Ion Ratio Lower Upper

152 100

115 61.3 28.2 84.7

150 174.7 0.0 345.6





#73

Isopropylbenzene

Concen: 51.405 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

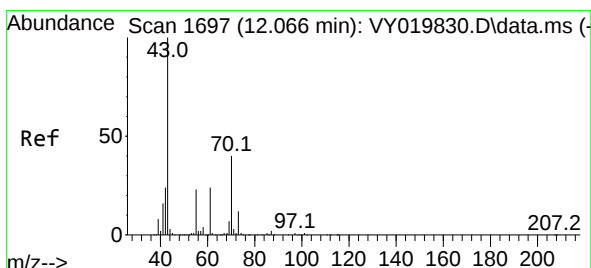
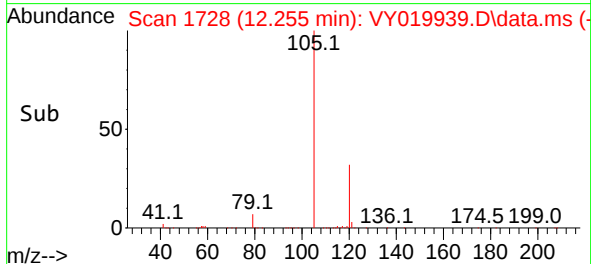
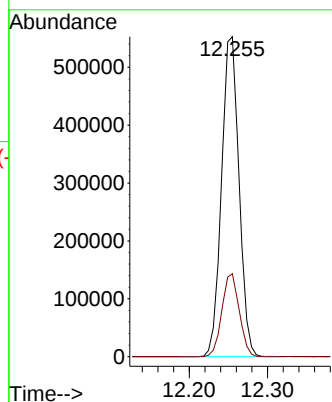
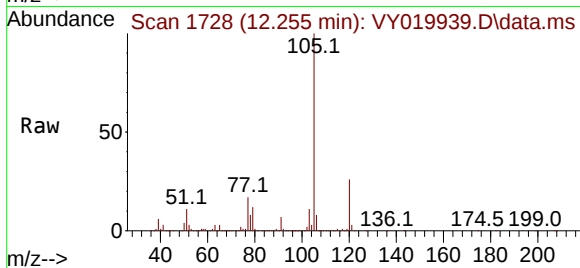
ClientSampleId :

Tgt Ion:105 Resp: 859056

Ion Ratio Lower Upper

105 100

120 25.7 13.4 40.1



#74

N-amy1 acetate

Concen: 56.893 ug/l

RT: 12.072 min Scan# 1698

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Tgt Ion: 43 Resp: 251820

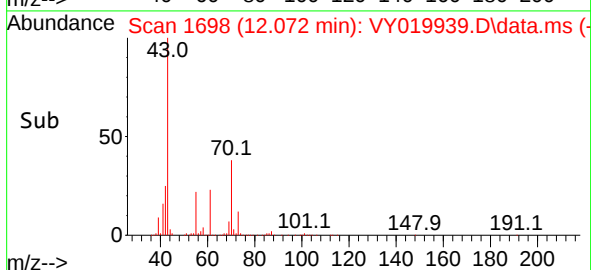
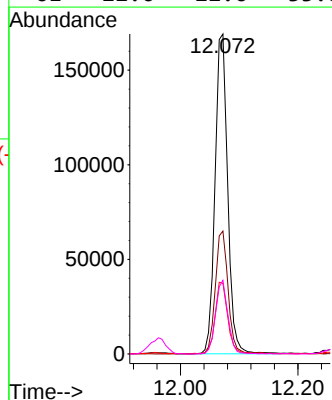
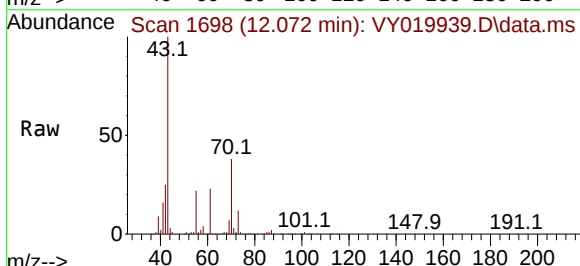
Ion Ratio Lower Upper

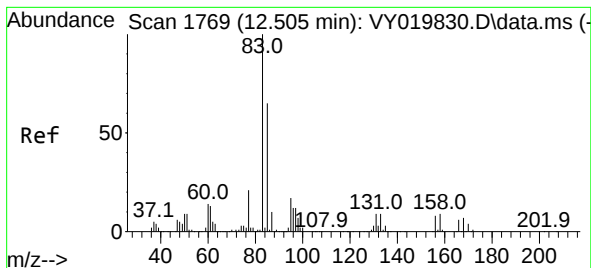
43 100

70 39.2 41.4 62.2#

55 22.5 23.3 34.9#

61 22.6 22.6 33.8

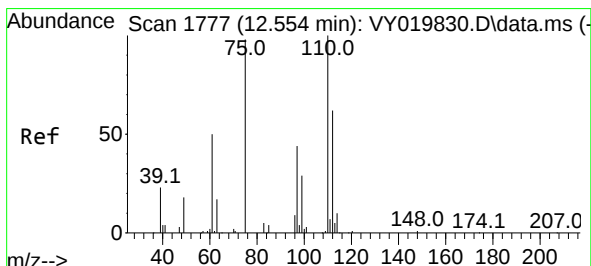
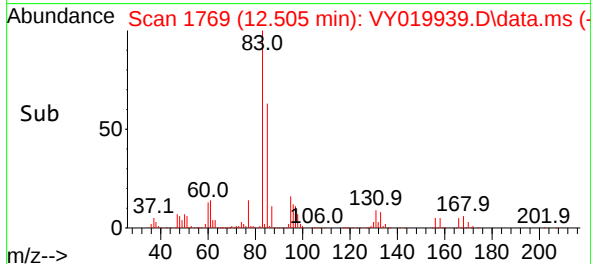
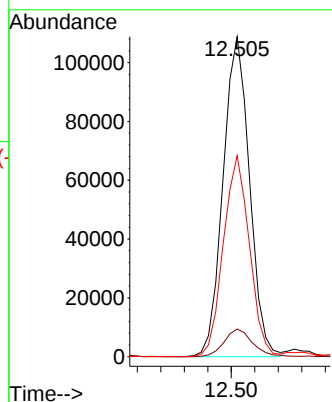
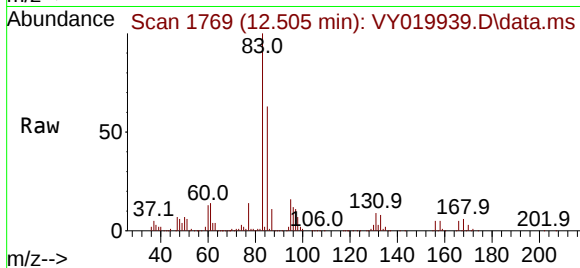




#75
1,1,2,2-Tetrachloroethane
Concen: 57.282 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

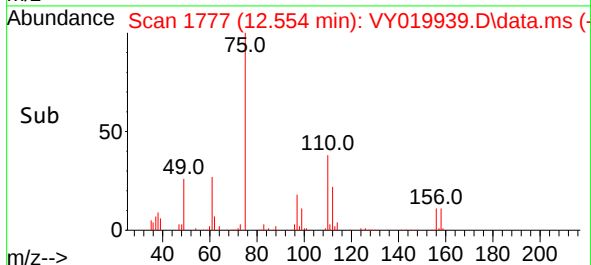
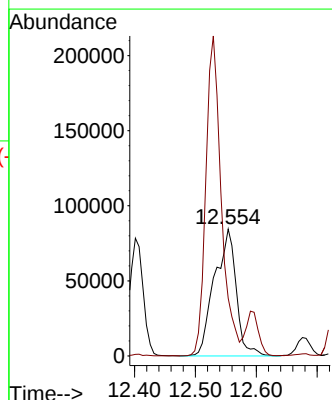
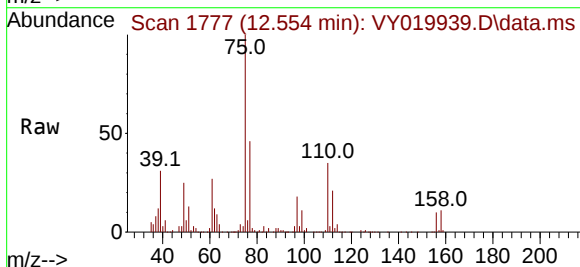
Instrument :
MSVOA_Y
ClientSampleId :

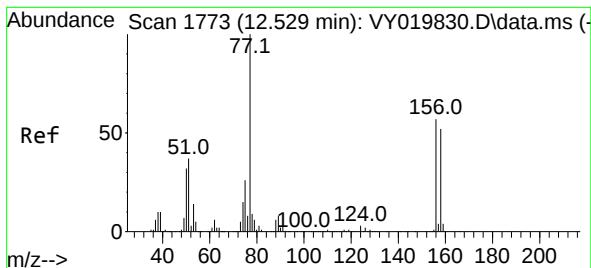
Tgt Ion: 83 Resp: 170096
Ion Ratio Lower Upper
83 100
131 9.3 5.0 14.9
85 61.8 32.0 96.0



#76
1,2,3-Trichloropropane
Concen: 53.953 ug/l
RT: 12.554 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 75 Resp: 209992
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 49.981 ug/l

RT: 12.529 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

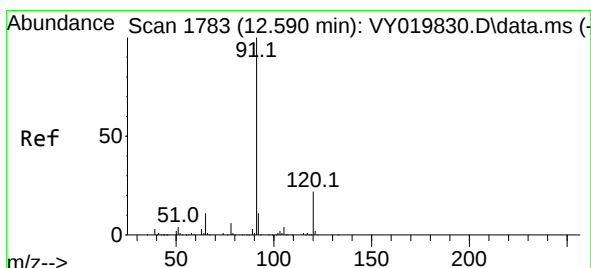
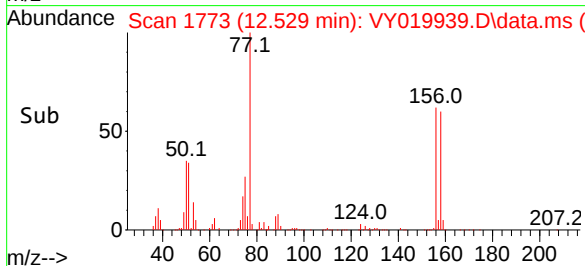
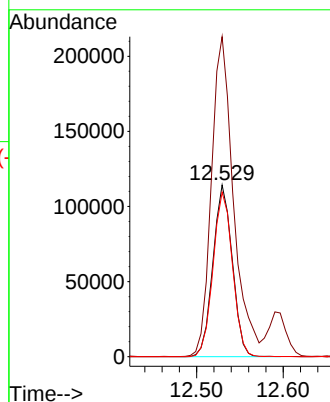
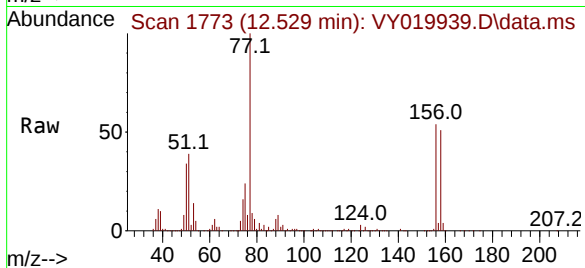
Tgt Ion:156 Resp: 177245

Ion Ratio Lower Upper

156 100

77 212.1 87.1 261.3

158 96.7 48.6 145.9



#78

n-propylbenzene

Concen: 51.717 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY019939.D

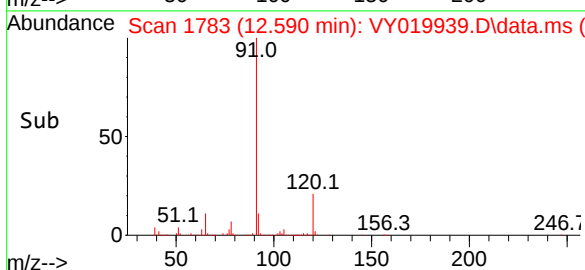
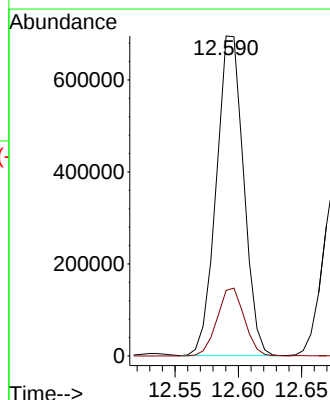
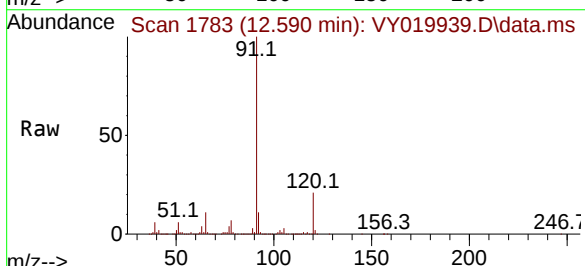
Acq: 17 Oct 2024 17:57

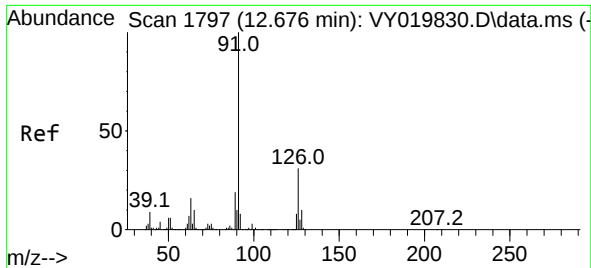
Tgt Ion: 91 Resp: 1044312

Ion Ratio Lower Upper

91 100

120 21.1 11.5 34.4

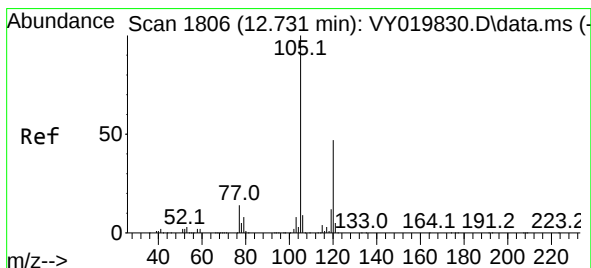
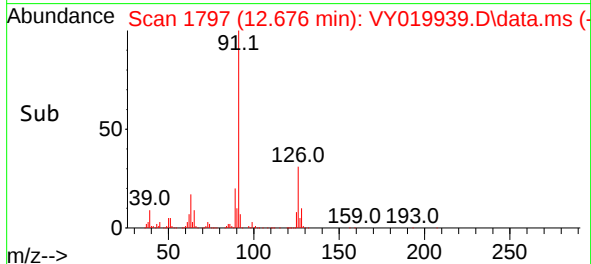
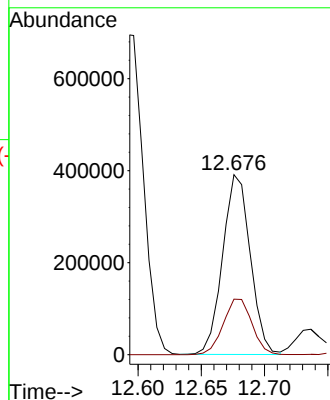
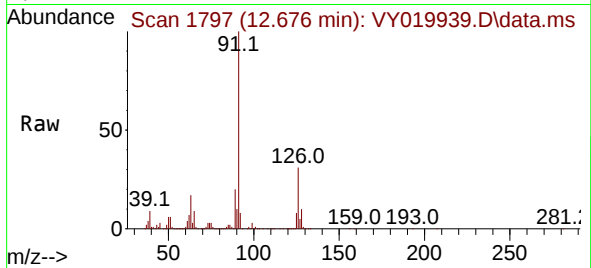




#79
2-Chlorotoluene
Concen: 51.391 ug/l
RT: 12.676 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

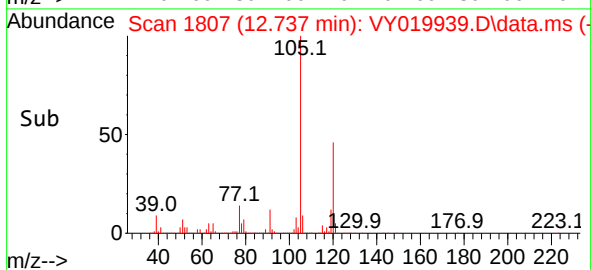
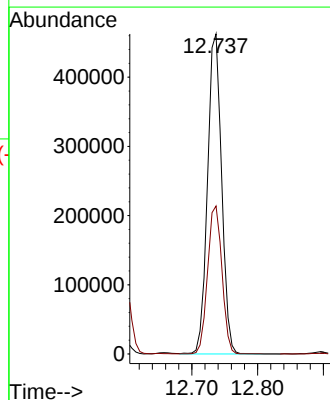
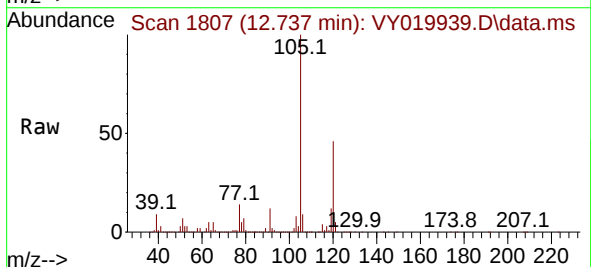
Instrument :
MSVOA_Y
ClientSampleId :

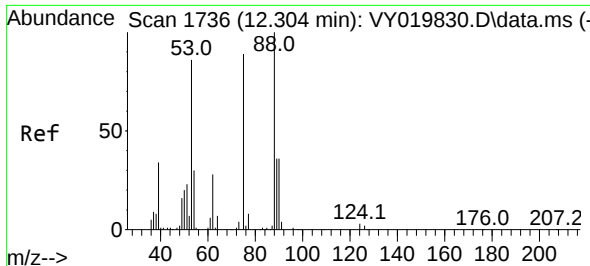
Tgt Ion: 91 Resp: 594931
Ion Ratio Lower Upper
91 100
126 32.1 17.8 53.5



#80
1,3,5-Trimethylbenzene
Concen: 50.959 ug/l
RT: 12.737 min Scan# 1807
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion:105 Resp: 687744
Ion Ratio Lower Upper
105 100
120 47.3 25.1 75.2

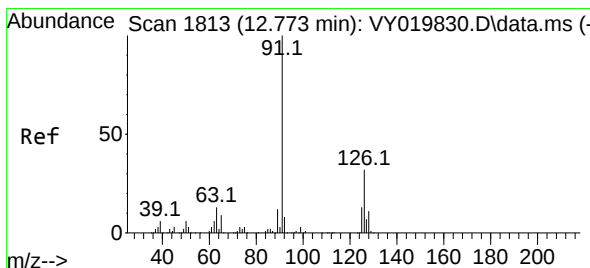
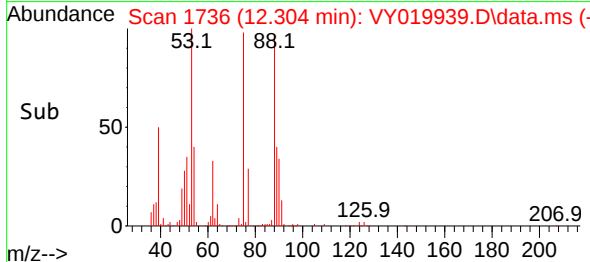
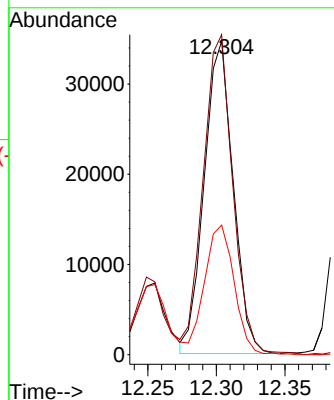
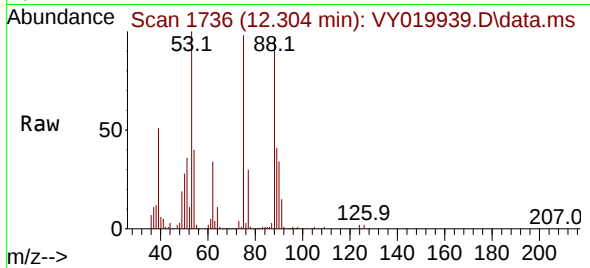




#81
trans-1,4-Dichloro-2-butene
Concen: 52.785 ug/l
RT: 12.304 min Scan# 1736
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

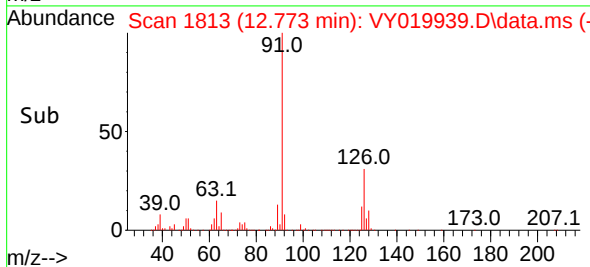
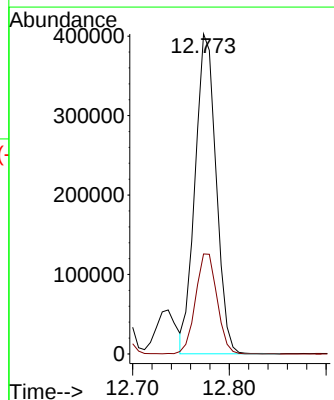
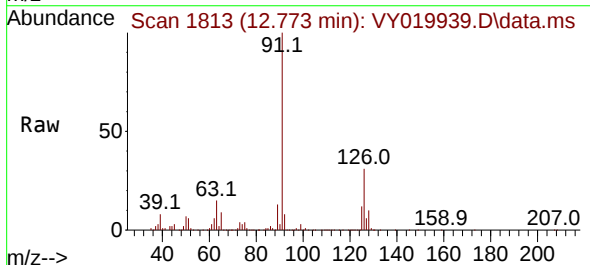
Instrument :
MSVOA_Y
ClientSampleId :

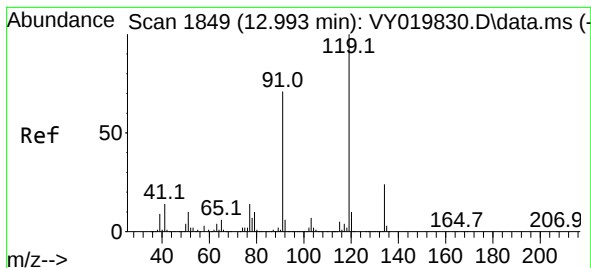
Tgt Ion: 75 Resp: 50898
Ion Ratio Lower Upper
75 100
53 105.0 66.8 100.2#
89 42.1 35.8 53.6



#82
4-Chlorotoluene
Concen: 51.449 ug/l
RT: 12.773 min Scan# 1813
Delta R.T. -0.006 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

Tgt Ion: 91 Resp: 608999
Ion Ratio Lower Upper
91 100
126 32.1 17.6 52.9





#83

tert-Butylbenzene

Concen: 50.131 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

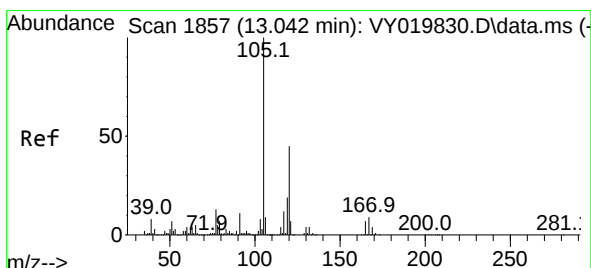
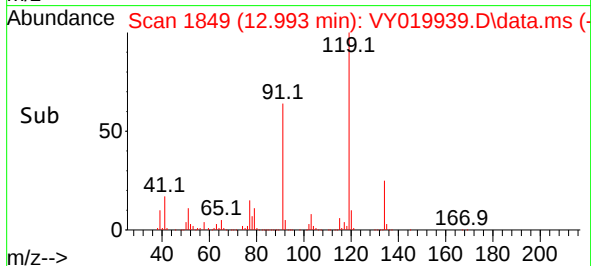
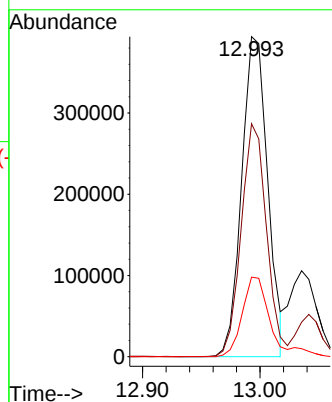
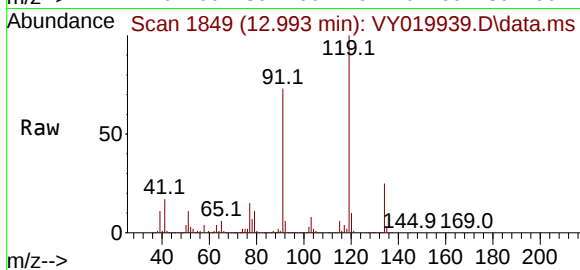
Tgt Ion:119 Resp: 606105

Ion Ratio Lower Upper

119 100

91 71.2 31.3 93.8

134 26.9 13.4 40.1



#84

1,2,4-Trimethylbenzene

Concen: 50.982 ug/l

RT: 13.041 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY019939.D

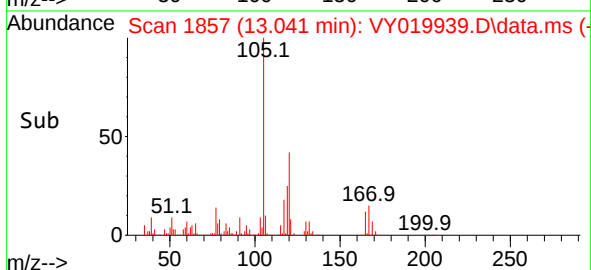
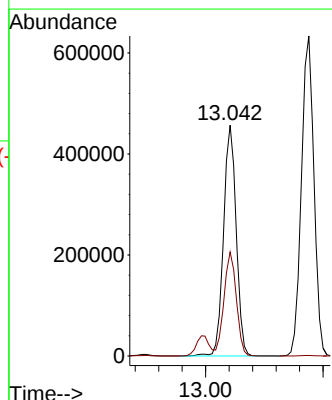
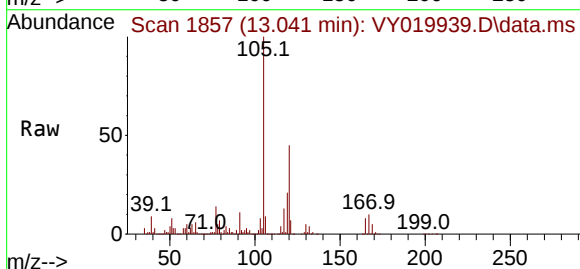
Acq: 17 Oct 2024 17:57

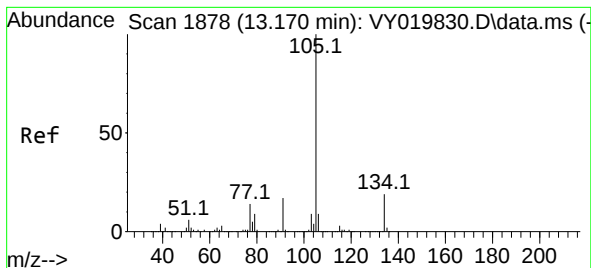
Tgt Ion:105 Resp: 682174

Ion Ratio Lower Upper

105 100

120 43.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 51.715 ug/l

RT: 13.176 min Scan# 1878

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

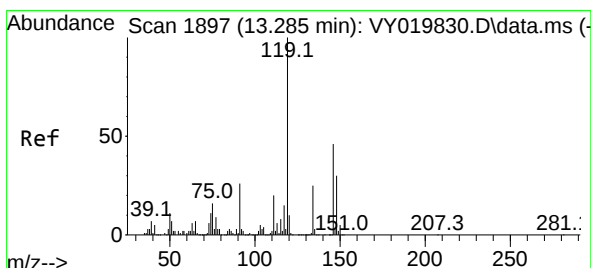
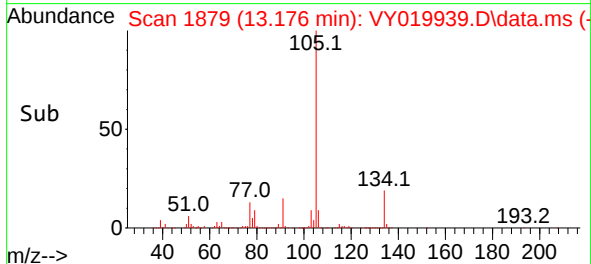
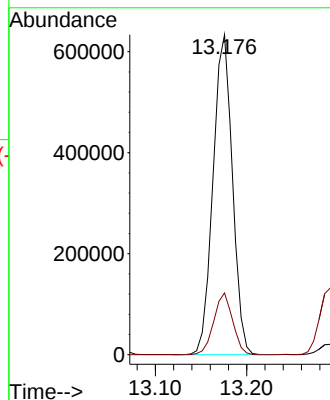
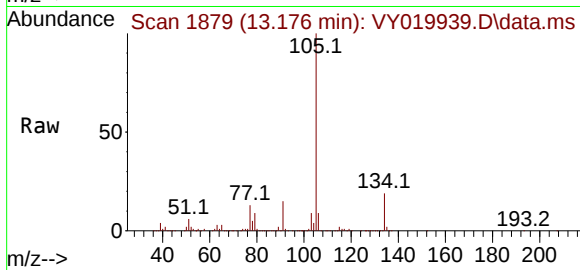
ClientSampleId :

Tgt Ion:105 Resp: 934173

Ion Ratio Lower Upper

105 100

134 18.8 10.1 30.1



#86

p-Isopropyltoluene

Concen: 51.110 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

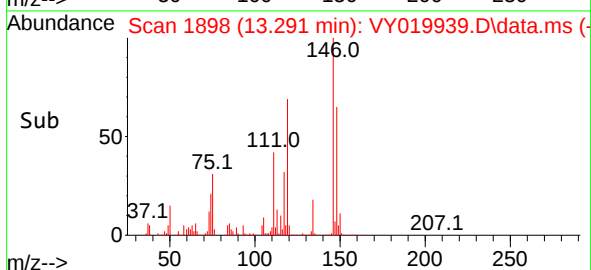
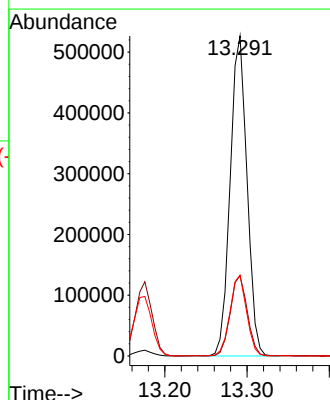
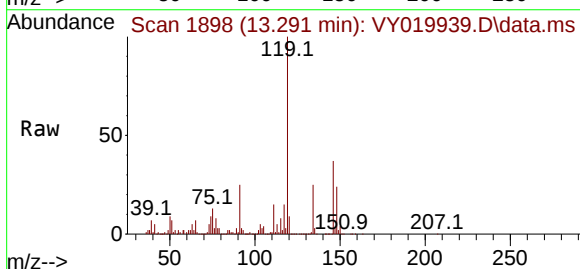
Tgt Ion:119 Resp: 749699

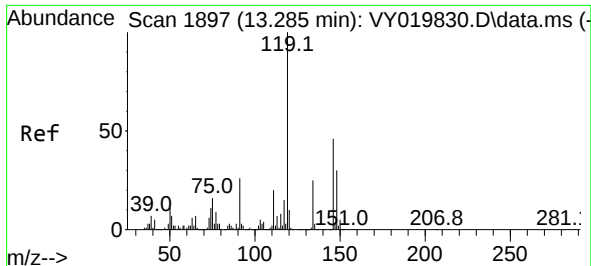
Ion Ratio Lower Upper

119 100

134 25.3 13.1 39.3

91 24.9 10.7 32.1





#87

1,3-Dichlorobenzene

Concen: 49.687 ug/l

RT: 13.285 min Scan# 1897

Delta R.T. -0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

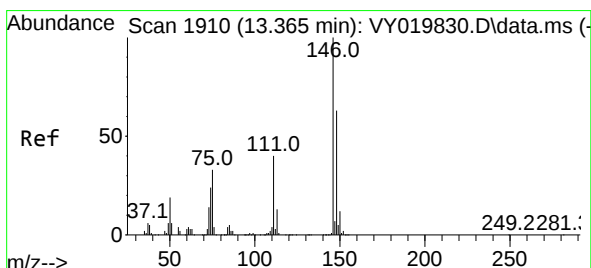
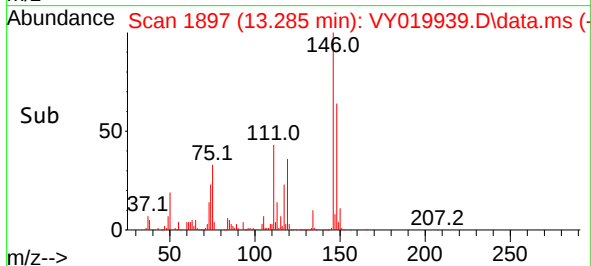
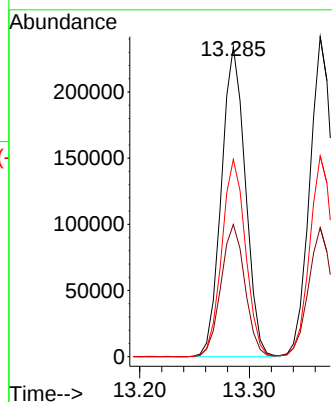
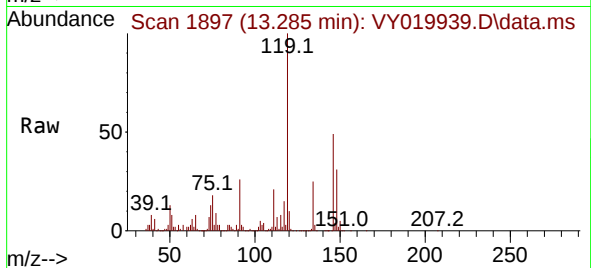
Tgt Ion:146 Resp: 355838

Ion Ratio Lower Upper

146 100

111 42.6 19.0 57.0

148 63.0 31.7 95.1



#88

1,4-Dichlorobenzene

Concen: 50.499 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

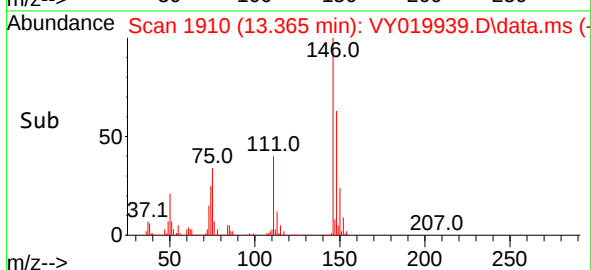
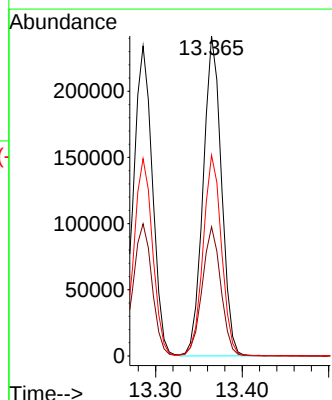
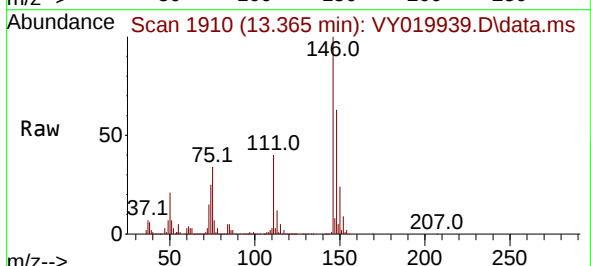
Tgt Ion:146 Resp: 355290

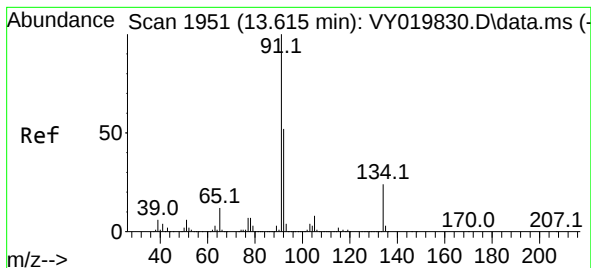
Ion Ratio Lower Upper

146 100

111 41.1 18.4 55.4

148 62.8 32.4 97.2





#89

n-Butylbenzene

Concen: 50.542 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

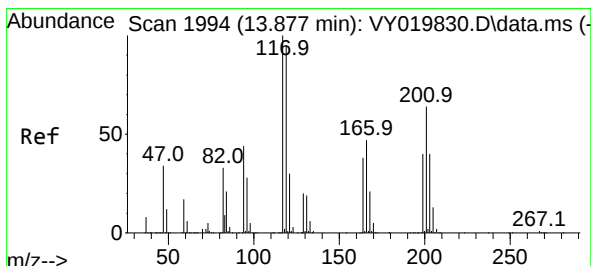
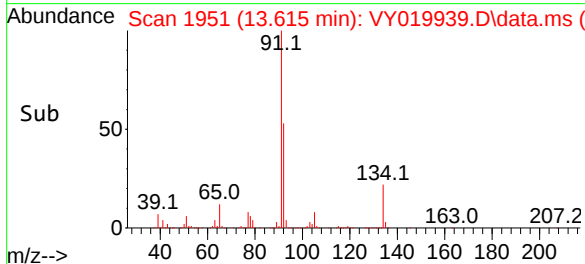
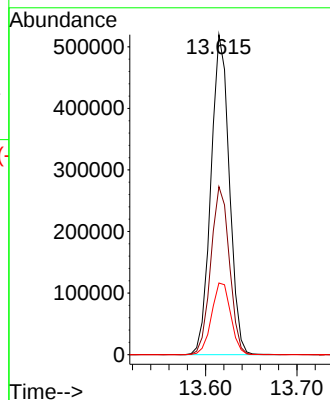
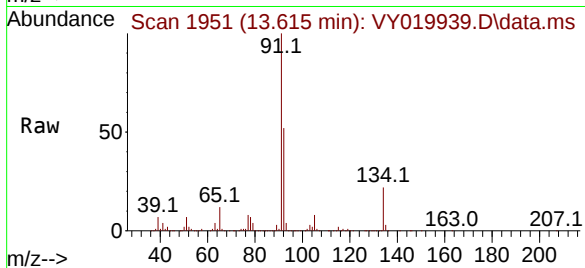
Tgt Ion: 91 Resp: 723905

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.7

134 23.4 12.9 38.7



#90

Hexachloroethane

Concen: 51.375 ug/l

RT: 13.877 min Scan# 1994

Delta R.T. -0.006 min

Lab File: VY019939.D

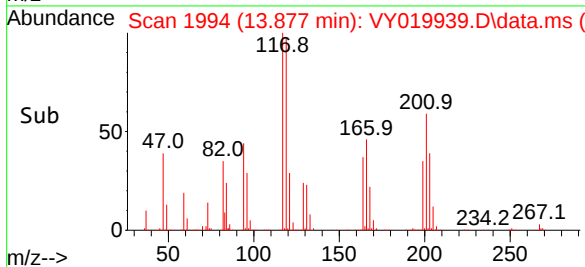
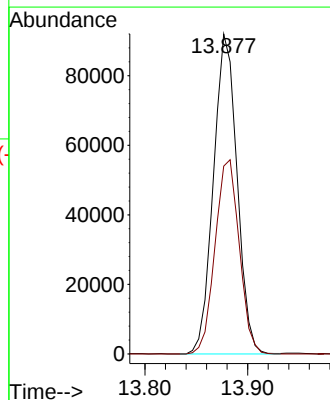
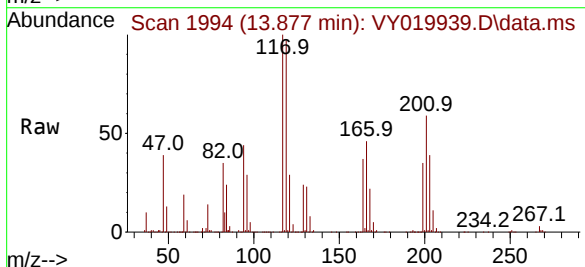
Acq: 17 Oct 2024 17:57

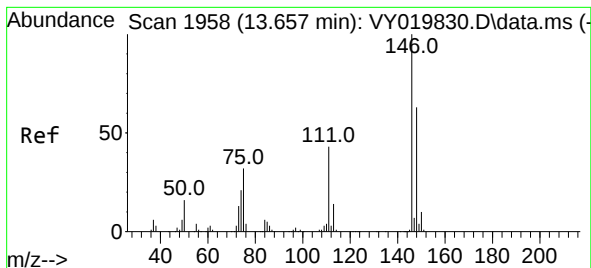
Tgt Ion: 117 Resp: 146741

Ion Ratio Lower Upper

117 100

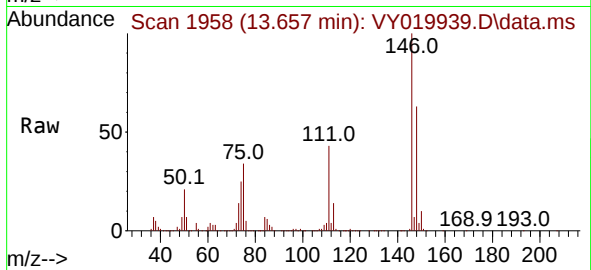
201 62.2 37.4 112.2



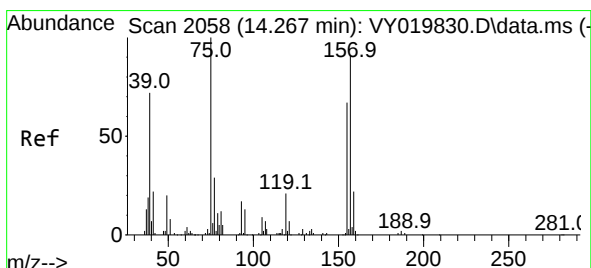
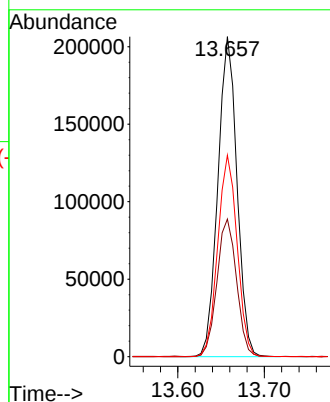
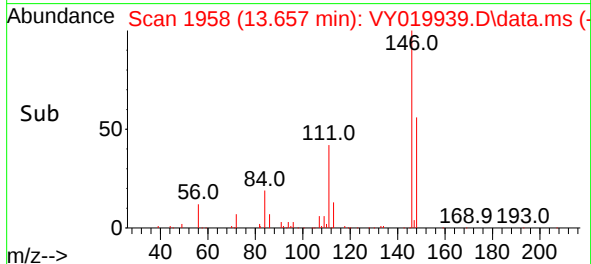


#91
1,2-Dichlorobenzene
Concen: 50.283 ug/l
RT: 13.657 min Scan# 1958
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57

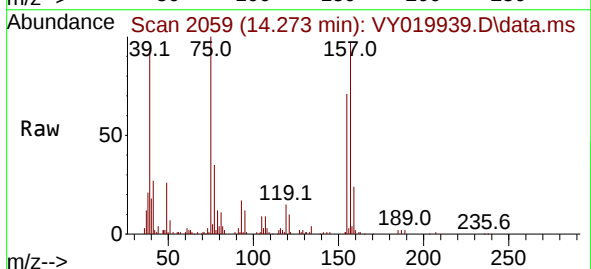
Instrument :
MSVOA_Y
ClientSampleId :



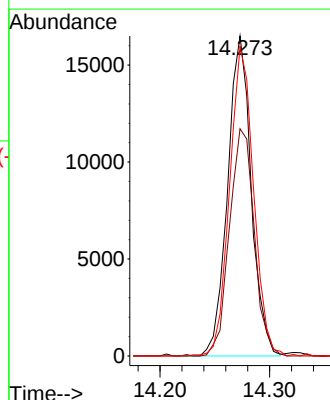
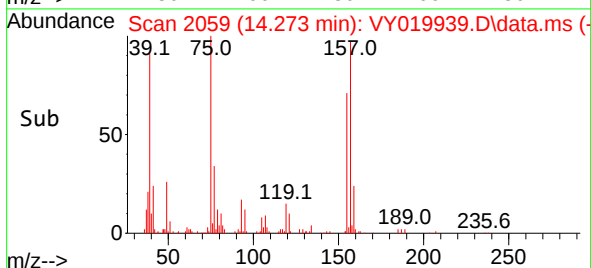
Tgt Ion:146 Resp: 316409
Ion Ratio Lower Upper
146 100
111 44.2 19.9 59.7
148 63.8 31.8 95.4

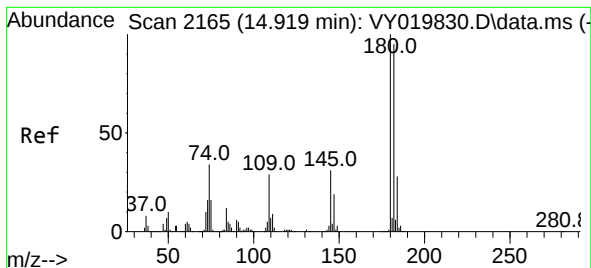


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.085 ug/l
RT: 14.273 min Scan# 2059
Delta R.T. 0.000 min
Lab File: VY019939.D
Acq: 17 Oct 2024 17:57



Tgt Ion: 75 Resp: 24683
Ion Ratio Lower Upper
75 100
155 74.4 48.6 145.8
157 98.0 62.7 188.2





#93

1,2,4-Trichlorobenzene

Concen: 46.613 ug/l

RT: 14.919 min Scan# 2165

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

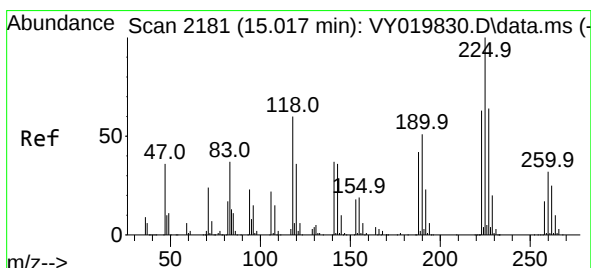
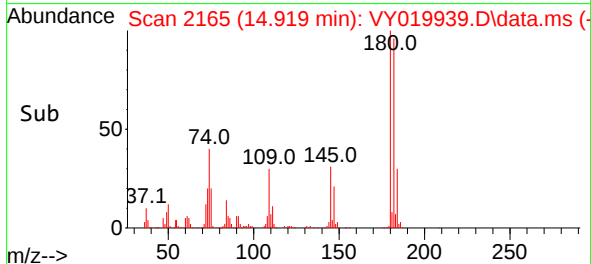
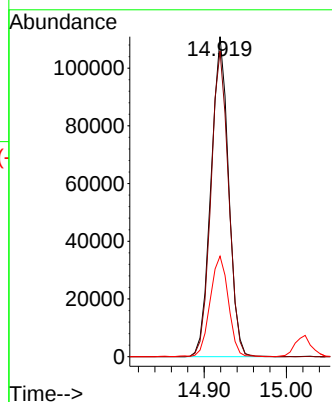
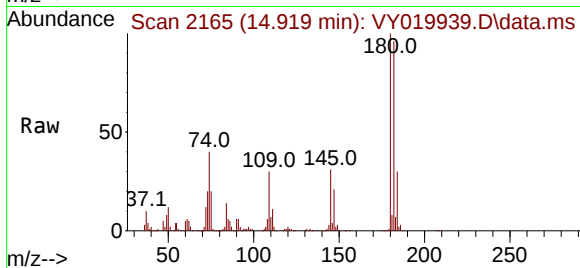
Tgt Ion:180 Resp: 164470

Ion Ratio Lower Upper

180 100

182 95.8 47.9 143.8

145 32.6 14.2 42.6



#94

Hexachlorobutadiene

Concen: 44.587 ug/l

RT: 15.023 min Scan# 2182

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

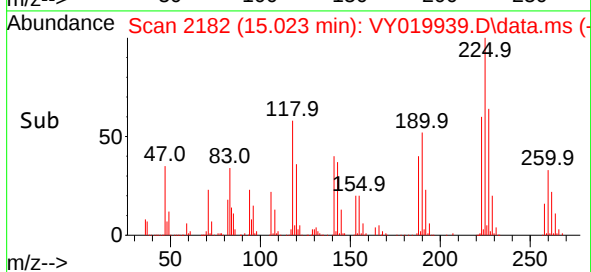
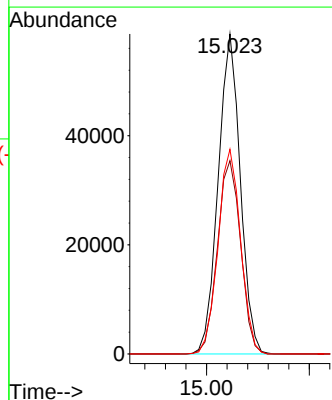
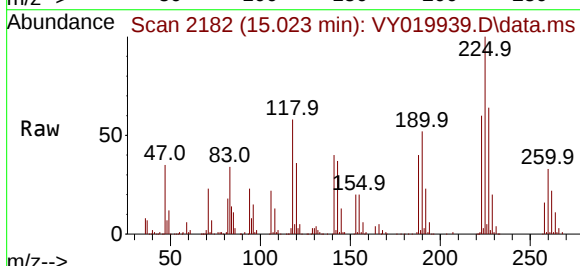
Tgt Ion:225 Resp: 87465

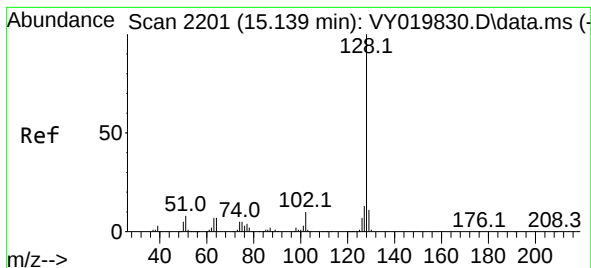
Ion Ratio Lower Upper

225 100

223 63.3 30.4 91.2

227 65.2 31.9 95.9





#95

Naphthalene

Concen: 52.291 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Instrument :

MSVOA_Y

ClientSampleId :

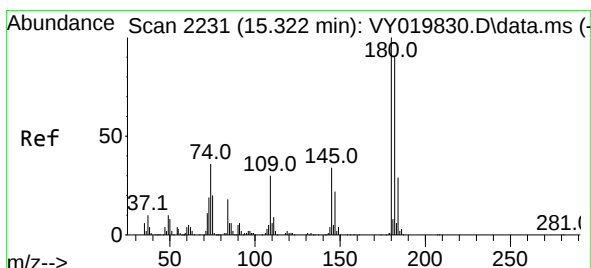
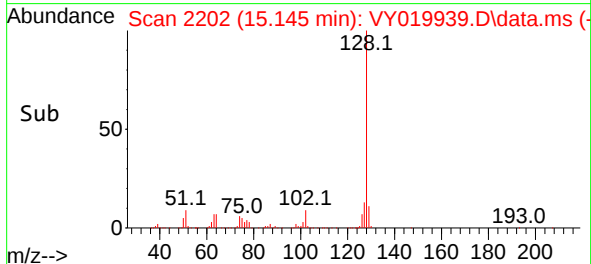
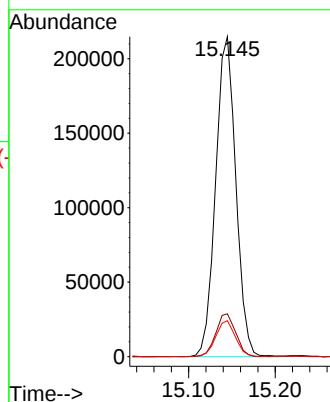
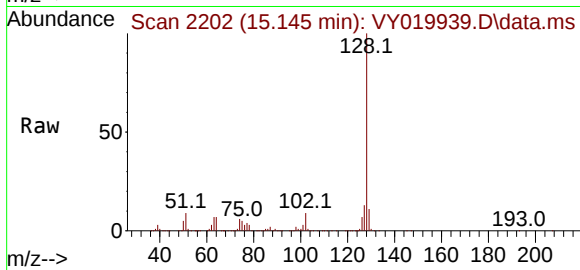
Tgt Ion:128 Resp: 347987

Ion Ratio Lower Upper

128 100

127 13.3 10.6 16.0

129 11.0 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 47.688 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY019939.D

Acq: 17 Oct 2024 17:57

Tgt Ion:180 Resp: 142237

Ion Ratio Lower Upper

180 100

182 95.1 47.6 142.9

145 34.3 15.4 46.1

