

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018439.D
 Acq On : 03 Jun 2024 14:36
 Operator : SY/MD
 Sample : VY0603SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Quant Time: Jun 04 05:41:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060324S.M
 Quant Title : Sw846 8260
 QLast Update : Tue Jun 04 05:38:21 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.777	168	57261	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.679	114	90495	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	80824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	59948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	52033	46.271	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	92.540%	
35) Dibromofluoromethane	7.704	113	52978	46.167	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	92.340%	
50) Toluene-d8	10.173	98	207035	45.351	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	90.700%	
62) 4-Bromofluorobenzene	12.477	95	65573	46.133	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	92.260%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.894	85	19963	21.952	ug/l	98
3) Chloromethane	2.107	50	38087	22.457	ug/l	97
4) Vinyl Chloride	2.241	62	45067	22.216	ug/l	98
5) Bromomethane	2.625	94	30825	22.776	ug/l	99
6) Chloroethane	2.778	64	28094	21.935	ug/l	91
7) Trichlorofluoromethane	3.107	101	46666	22.234	ug/l	95
8) Diethyl Ether	3.509	74	13595	21.527	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.881	101	26307	21.525	ug/l	95
10) Methyl Iodide	4.076	142	24499	20.408	ug/l	97
11) Tert butyl alcohol	4.942	59	21964	145.338	ug/l #	91
12) 1,1-Dichloroethene	3.851	96	25167	20.950	ug/l	90
13) Acrolein	3.716	56	10707	93.020	ug/l	100
14) Allyl chloride	4.460	41	36102	20.521	ug/l	94
15) Acrylonitrile	5.143	53	33574	116.250	ug/l	99
16) Acetone	3.936	43	27062	108.427	ug/l	91
17) Carbon Disulfide	4.174	76	75118	21.317	ug/l	97
18) Methyl Acetate	4.466	43	14592	23.380	ug/l #	87
19) Methyl tert-butyl Ether	5.198	73	65075	22.477	ug/l	97
20) Methylene Chloride	4.686	84	35574	23.327	ug/l	95
21) trans-1,2-Dichloroethene	5.192	96	27466	21.426	ug/l	98
22) Diisopropyl ether	6.106	45	77362	21.593	ug/l	92
23) Vinyl Acetate	6.039	43	267695	114.806	ug/l	93
24) 1,1-Dichloroethane	6.003	63	48108	21.528	ug/l	96
25) 2-Butanone	6.972	43	43419	113.557	ug/l	91
26) 2,2-Dichloropropane	6.972	77	39125	19.920	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	30966	20.766	ug/l	93
28) Bromochloromethane	7.319	49	22371	21.754	ug/l	85
29) Tetrahydrofuran	7.338	42	30022	120.903	ug/l #	87
30) Chloroform	7.496	83	48113	21.466	ug/l	97
31) Cyclohexane	7.777	56	45023	21.474	ug/l	96
32) 1,1,1-Trichloroethane	7.691	97	41267	21.021	ug/l	97
36) 1,1-Dichloropropene	7.911	75	36603	20.919	ug/l	97
37) Ethyl Acetate	7.063	43	19927	22.797	ug/l #	94
38) Carbon Tetrachloride	7.892	117	34189	19.499	ug/l	95
39) Methylcyclohexane	9.173	83	50371	21.295	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	8.149	78	110523	21.082	ug/l	95
41) Methacrylonitrile	7.295	41	9515	22.379	ug/l	94
42) 1,2-Dichloroethane	8.228	62	27661	21.702	ug/l	100
43) Isopropyl Acetate	8.264	43	36530	22.350	ug/l	93
44) Trichloroethene	8.929	130	26829	20.651	ug/l	94
45) 1,2-Dichloropropane	9.209	63	25376	21.165	ug/l	99
46) Dibromomethane	9.301	93	14477	21.060	ug/l	92
47) Bromodichloromethane	9.490	83	34389	20.841	ug/l	97
48) Methyl methacrylate	9.282	41	15886	21.126	ug/l	90
49) 1,4-Dioxane	9.289	88	4506	499.164	ug/l #	99
51) 4-Methyl-2-Pentanone	10.063	43	100000	117.829	ug/l	92
52) Toluene	10.240	92	68538	21.255	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	31932	21.073	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	39316	21.072	ug/l #	90
55) 1,1,2-Trichloroethane	10.636	97	19818	22.159	ug/l	95
56) Ethyl methacrylate	10.508	69	29268	23.256	ug/l #	84
57) 1,3-Dichloropropane	10.782	76	34293	22.587	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.776	63	81403	120.450	ug/l	96
59) 2-Hexanone	10.825	43	70401	120.040	ug/l	92
60) Dibromochloromethane	10.977	129	22273	20.385	ug/l	99
61) 1,2-Dibromoethane	11.081	107	18274	21.699	ug/l	99
64) Tetrachloroethene	10.715	164	23483	19.725	ug/l	93
65) Chlorobenzene	11.514	112	70851	20.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.587	131	22464	20.044	ug/l	97
67) Ethyl Benzene	11.587	91	132528	21.007	ug/l	98
68) m/p-Xylenes	11.697	106	99872	42.042	ug/l	97
69) o-Xylene	12.026	106	46768	20.451	ug/l	96
70) Styrene	12.038	104	78152	20.917	ug/l	99
71) Bromoform	12.203	173	12162	20.599	ug/l #	95
73) Isopropylbenzene	12.325	105	125118	20.225	ug/l	98
74) N-amyl acetate	12.142	43	33404	22.184	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.575	83	23261	21.360	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	29188	39.265	ug/l #	100
77) Bromobenzene	12.605	156	26295	20.019	ug/l	91
78) n-propylbenzene	12.666	91	151265	20.373	ug/l	98
79) 2-Chlorotoluene	12.751	91	82968	20.555	ug/l	96
80) 1,3,5-Trimethylbenzene	12.812	105	99359	20.622	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.373	75	7770	21.960	ug/l	95
82) 4-Chlorotoluene	12.849	91	84015	20.684	ug/l	99
83) tert-Butylbenzene	13.068	119	89729	20.140	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	97832	20.740	ug/l	98
85) sec-Butylbenzene	13.251	105	137187	20.908	ug/l	98
86) p-Isopropyltoluene	13.367	119	109941	20.761	ug/l	98
87) 1,3-Dichlorobenzene	13.361	146	50236	19.389	ug/l	95
88) 1,4-Dichlorobenzene	13.446	146	50381	19.793	ug/l	96
89) n-Butylbenzene	13.690	91	108400	21.541	ug/l	98
90) Hexachloroethane	13.958	117	19669	19.816	ug/l	84
91) 1,2-Dichlorobenzene	13.739	146	45611	20.230	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	3563	21.501	ug/l	73
93) 1,2,4-Trichlorobenzene	15.001	180	23499	19.272	ug/l	98
94) Hexachlorobutadiene	15.111	225	12345	19.063	ug/l	99
95) Naphthalene	15.233	128	51317	20.955	ug/l	99

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Quant Title : Sw846 8260
QLast Update : Tue Jun 04 05:38:21 2024
Response via : Initial Calibration

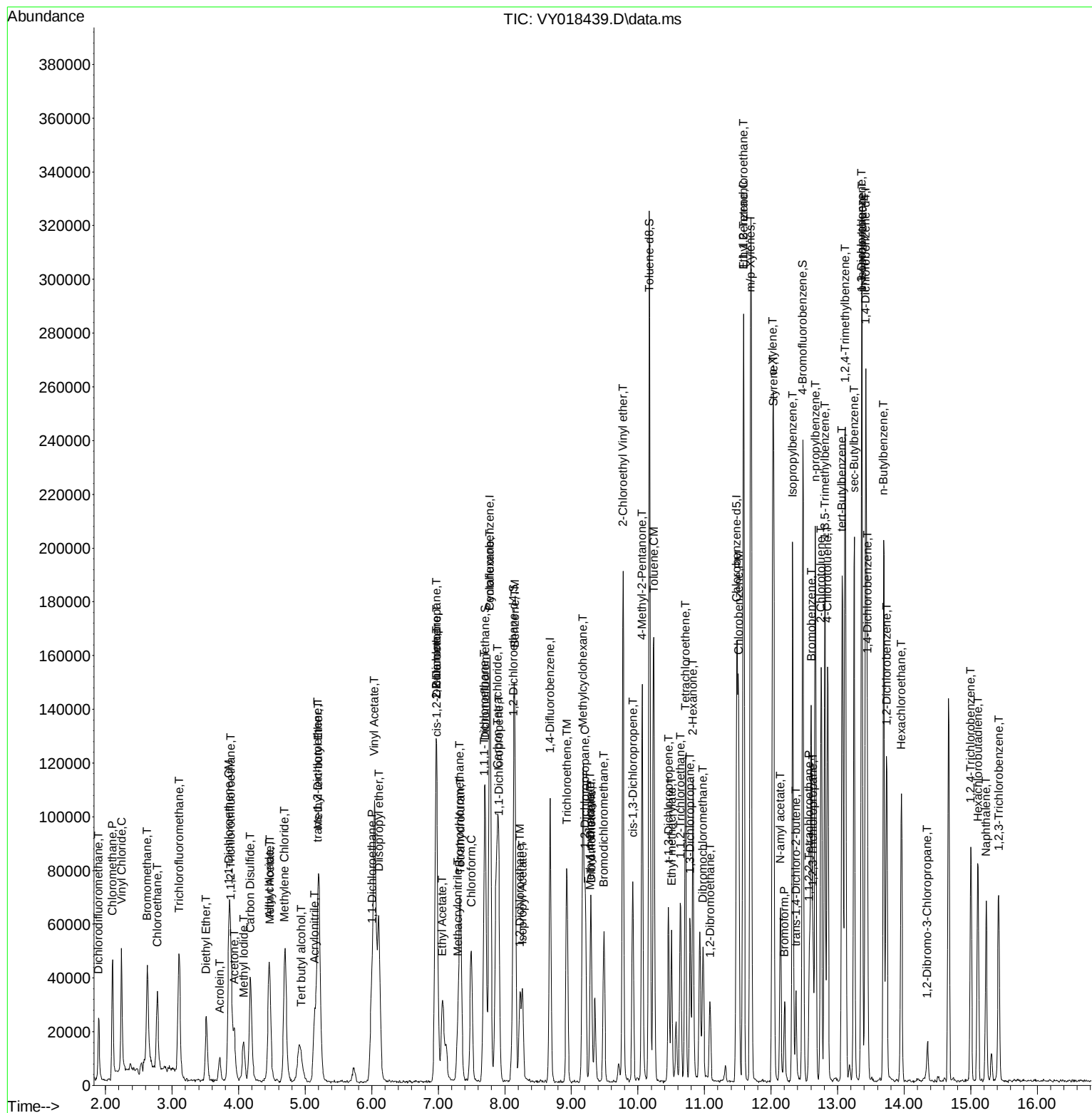
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.422	180	19786	19.178	ug/l	92

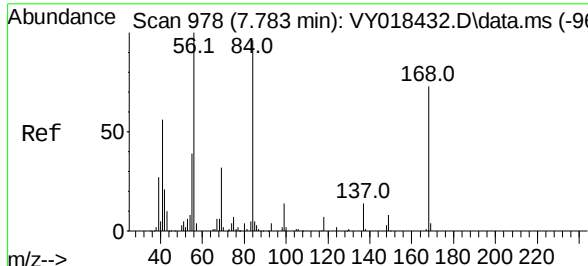
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.777 min Scan#

Delta R.T. -0.006 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

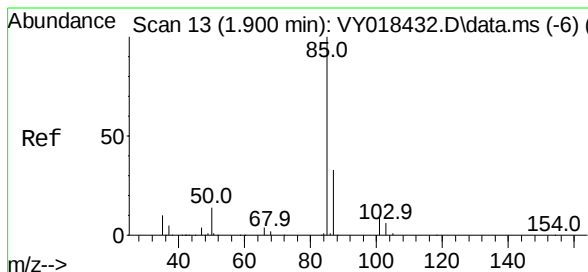
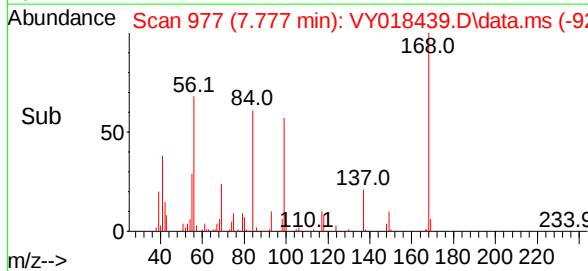
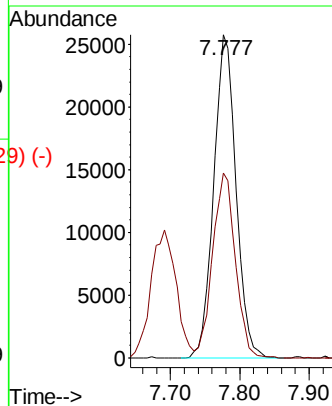
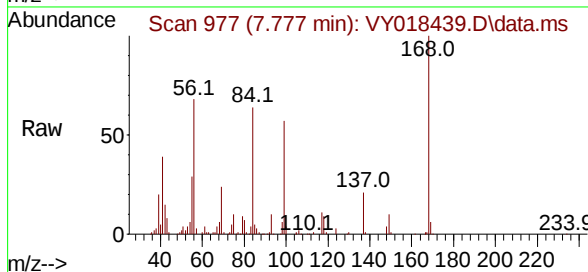
VY0603SBS01

Tgt Ion:168 Resp: 57261

Ion Ratio Lower Upper

168 100

99 57.2 39.1 58.7



Dichlorodifluoromethane

Concen: 21.952 ug/l

RT: 1.894 min Scan# 12

Delta R.T. -0.006 min

Lab File: VY018439.D

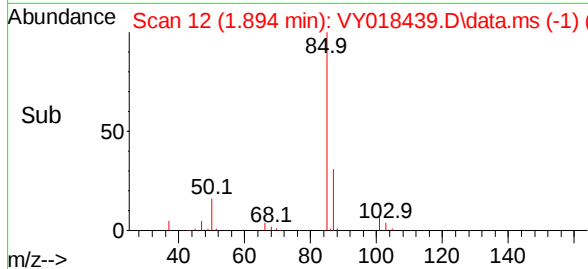
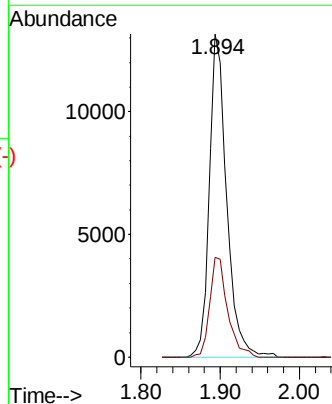
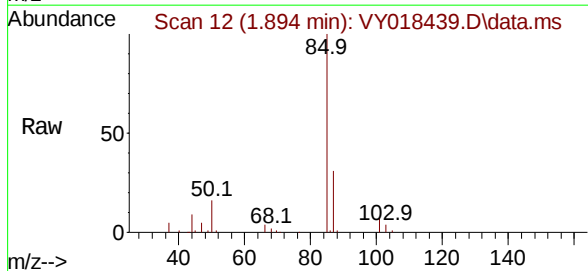
Acq: 03 Jun 2024 14:36

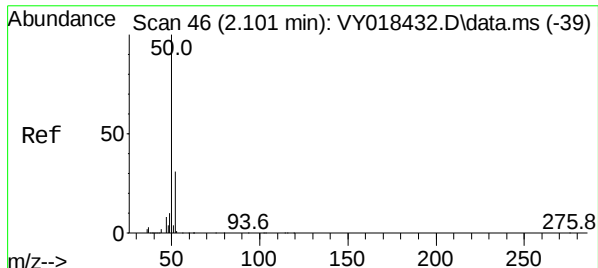
Tgt Ion: 85 Resp: 19963

Ion Ratio Lower Upper

85 100

87 31.0 16.0 48.0





Chloromethane

Concen: 22.457 ug/l

RT: 2.107 min Scan# 46

Delta R.T. 0.006 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

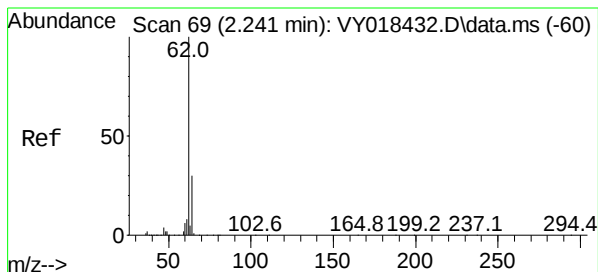
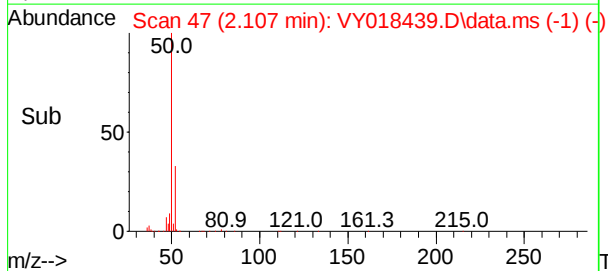
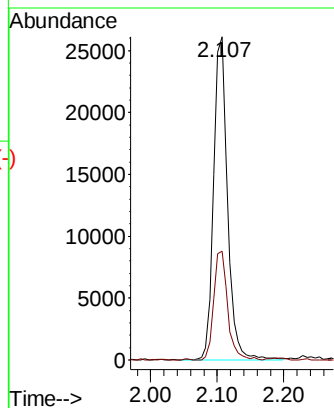
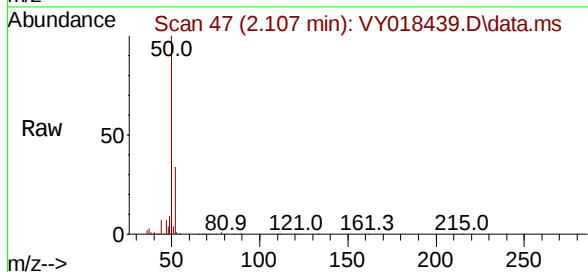
VY0603SBS01

Tgt Ion: 50 Resp: 38087

Ion Ratio Lower Upper

50 100

52 33.7 25.6 38.4



Vinyl Chloride

Concen: 22.216 ug/l

RT: 2.241 min Scan# 69

Delta R.T. -0.000 min

Lab File: VY018439.D

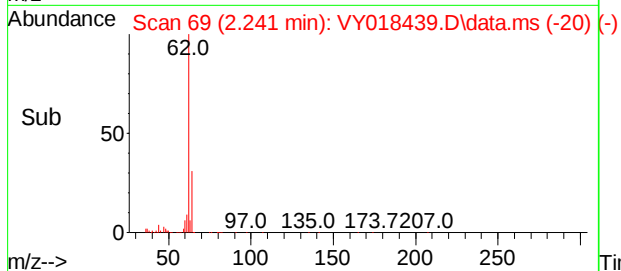
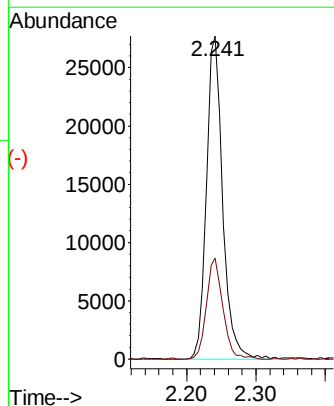
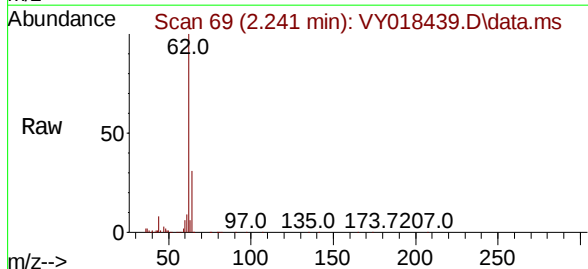
Acq: 03 Jun 2024 14:36

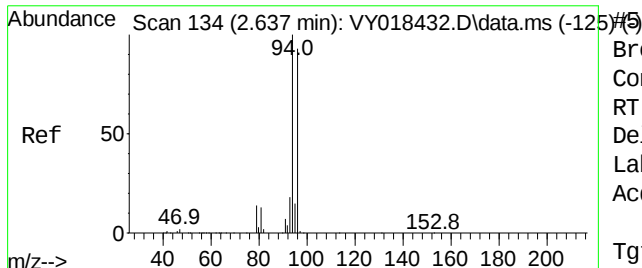
Tgt Ion: 62 Resp: 45067

Ion Ratio Lower Upper

62 100

64 31.3 26.1 39.1





Bromomethane

Concen: 22.776 ug/l

RT: 2.625 min Scan# 134

Delta R.T. -0.012 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

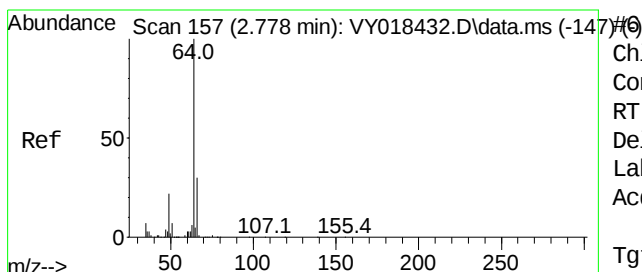
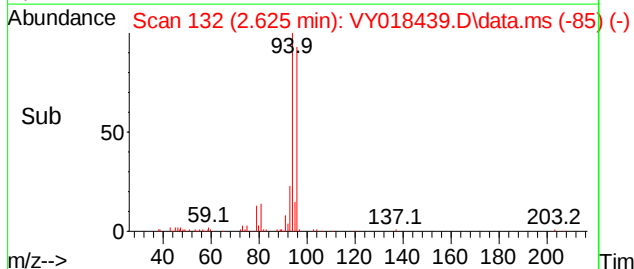
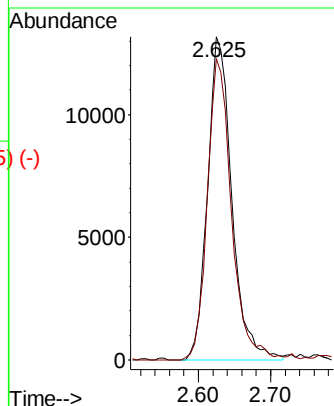
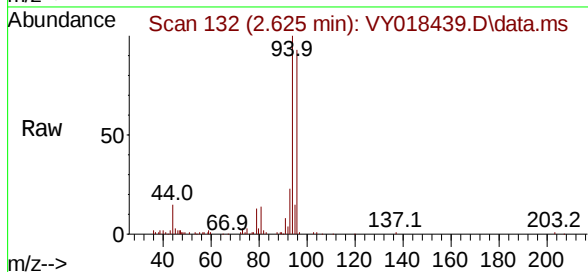
VY0603SBS01

Tgt Ion: 94 Resp: 30825

Ion Ratio Lower Upper

94 100

96 93.2 74.1 111.1



Chloroethane

Concen: 21.935 ug/l

RT: 2.778 min Scan# 157

Delta R.T. -0.000 min

Lab File: VY018439.D

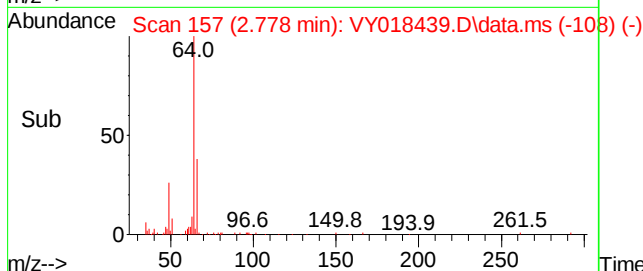
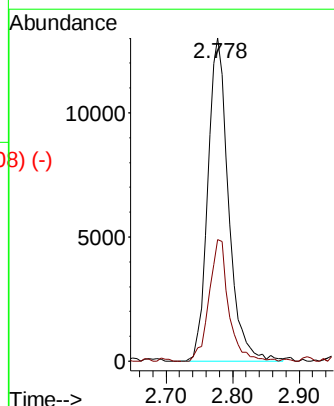
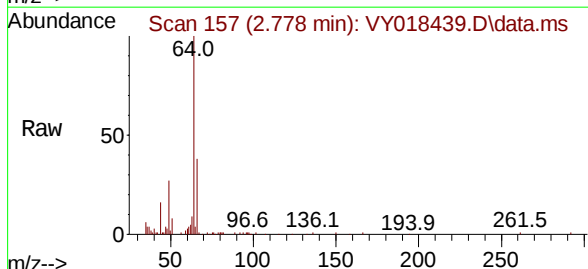
Acq: 03 Jun 2024 14:36

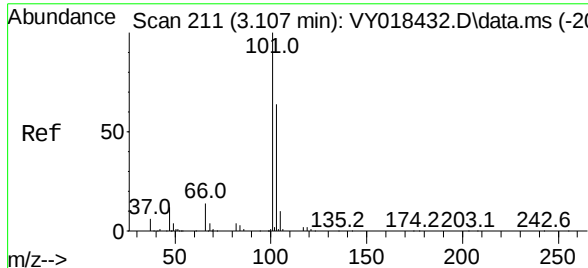
Tgt Ion: 64 Resp: 28094

Ion Ratio Lower Upper

64 100

66 37.6 26.1 39.1

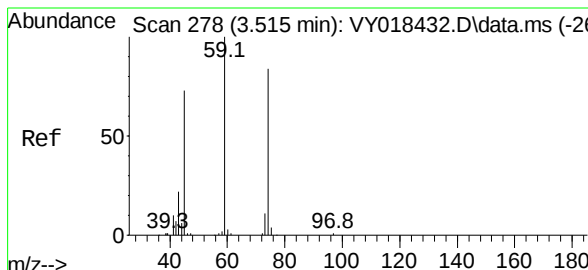
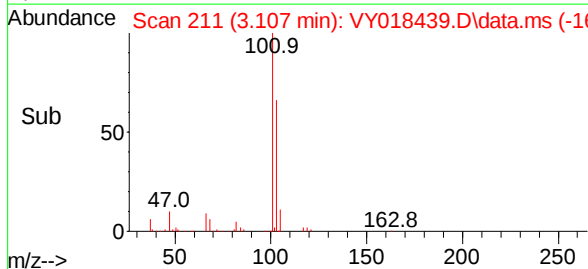
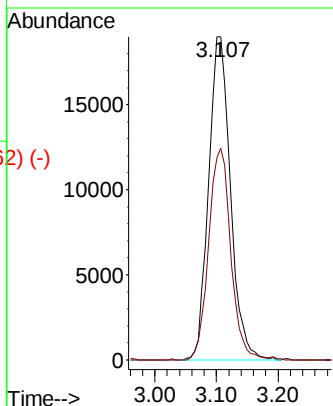
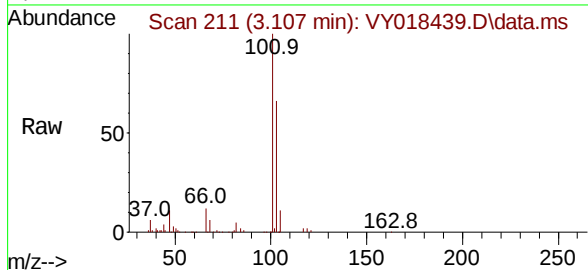




Trichlorofluoromethane
 Concen: 22.234 ug/l
 RT: 3.107 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VY018439.D
 Acq: 03 Jun 2024 14:36

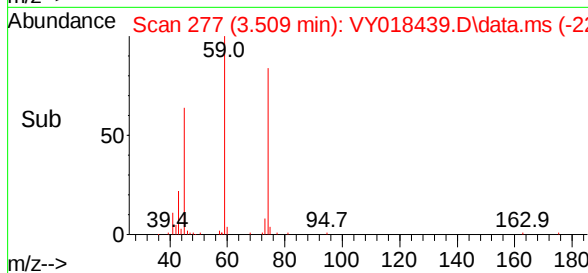
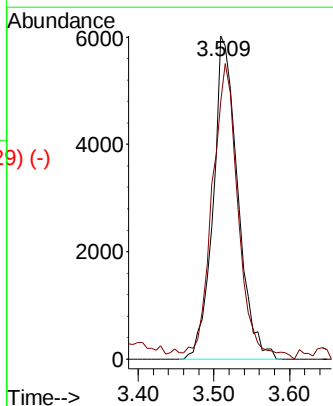
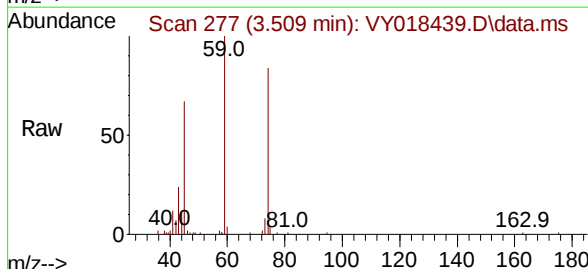
Instrument : MSVOA_Y
 ClientSampleId : VY0603SBS01

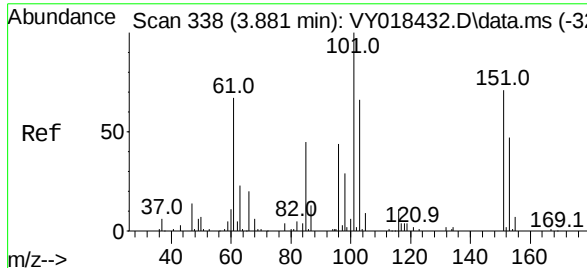
Tgt Ion:	101	Resp:	46666
Ion	Ratio	Lower	Upper
101	100		
103	65.6	49.3	73.9



Diethyl Ether
 Concen: 21.527 ug/l
 RT: 3.509 min Scan# 277
 Delta R.T. -0.006 min
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Tgt Ion:	74	Resp:	13595
Ion	Ratio	Lower	Upper
74	100		
45	97.0	41.3	124.1





1,1,2-Trichlorotrifluoroethane

Concen: 21.525 ug/l

RT: 3.881 min Scan# 338

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

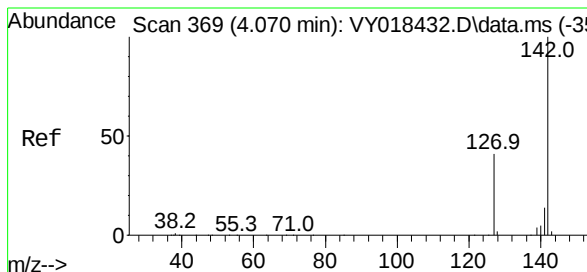
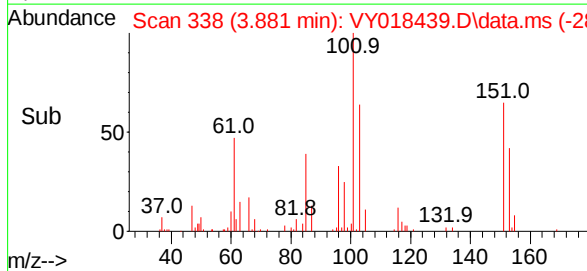
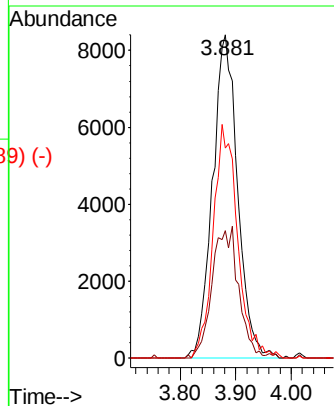
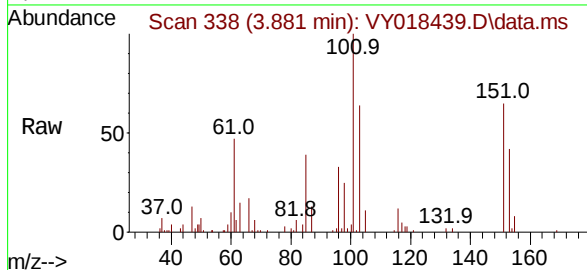
Tgt Ion:101 Resp: 26307

Ion Ratio Lower Upper

101 100

85 42.7 34.5 51.7

151 70.1 61.7 92.5



Methyl Iodide

Concen: 20.408 ug/l

RT: 4.076 min Scan# 370

Delta R.T. 0.006 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

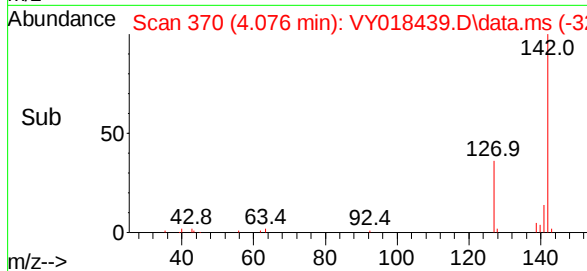
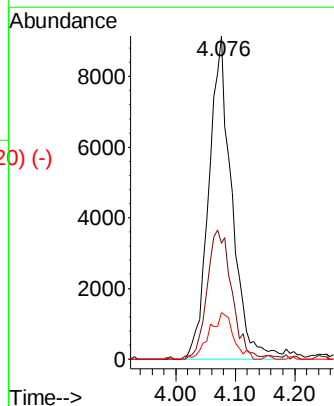
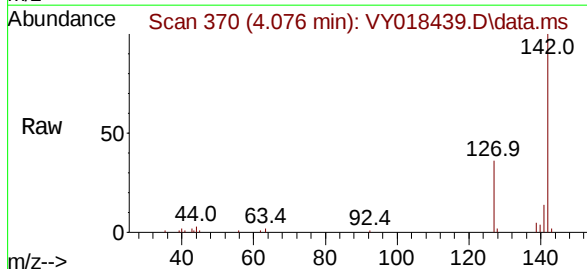
Tgt Ion:142 Resp: 24499

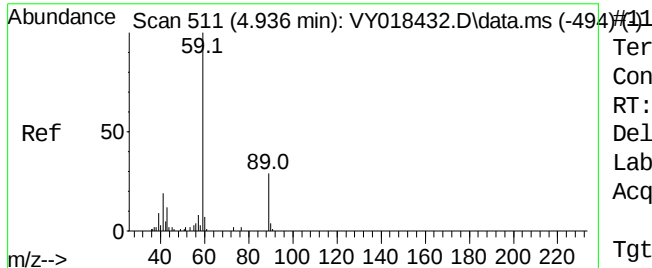
Ion Ratio Lower Upper

142 100

127 42.8 32.8 49.2

141 15.1 11.4 17.2

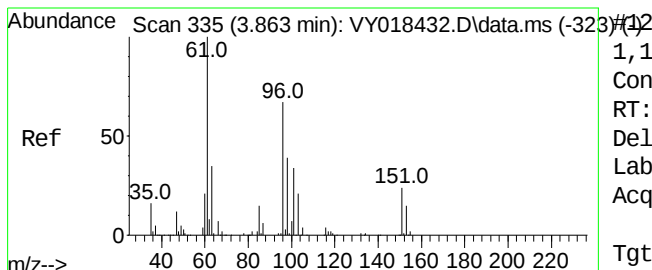
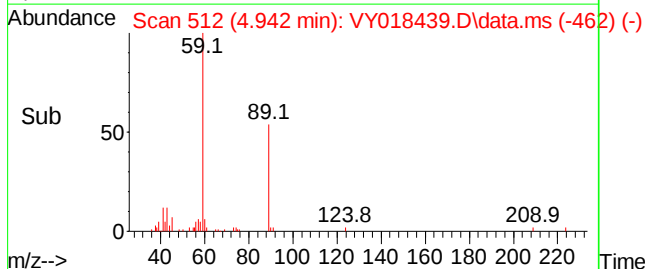
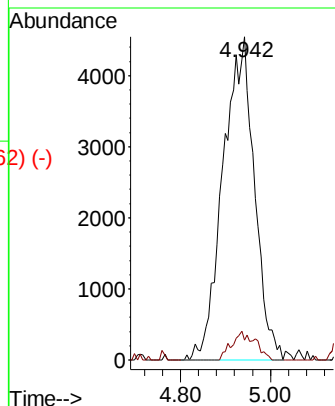
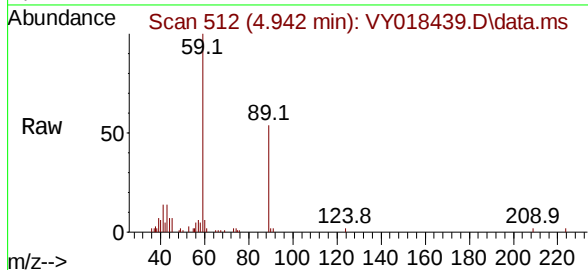




Tert butyl alcohol
Concen: 145.338 ug/l
RT: 4.942 min Scan# 311
Delta R.T. 0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

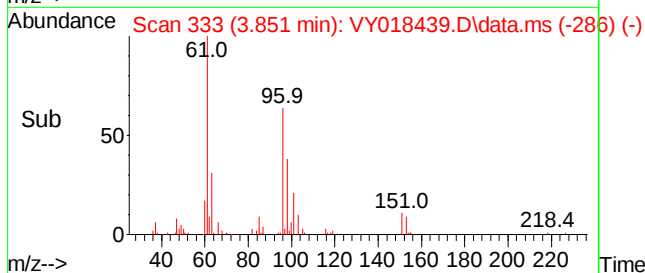
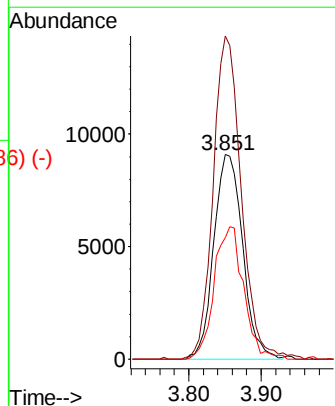
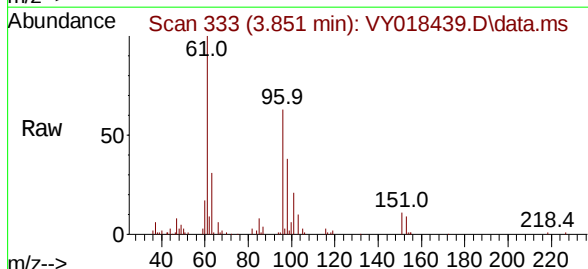
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

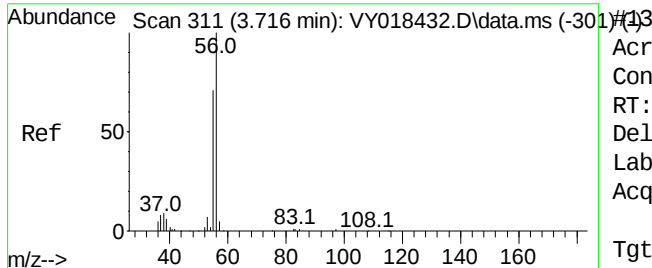
Tgt Ion: 59 Resp: 21964
Ion Ratio Lower Upper
59 100
57 6.6 3.0 4.6#



1,1-Dichloroethene
Concen: 20.950 ug/l
RT: 3.851 min Scan# 333
Delta R.T. -0.012 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion: 96 Resp: 25167
Ion Ratio Lower Upper
96 100
61 157.9 114.6 171.8
98 59.4 50.8 76.2





Acrolein

Concen: 93.020 ug/l

RT: 3.716 min Scan# 433

Delta R.T. 0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

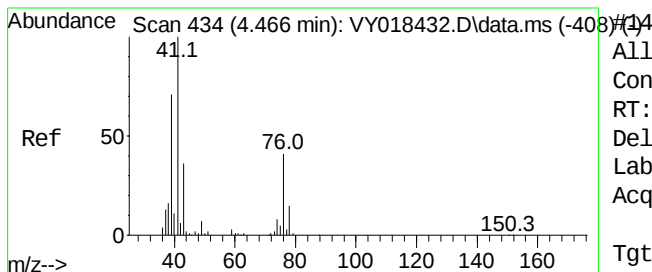
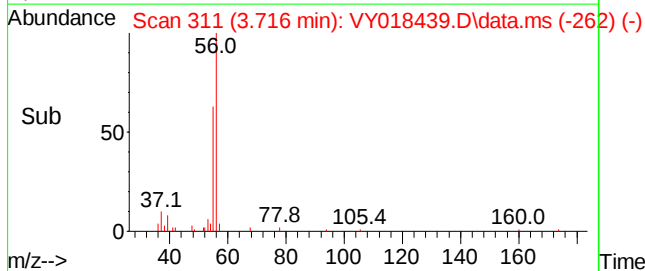
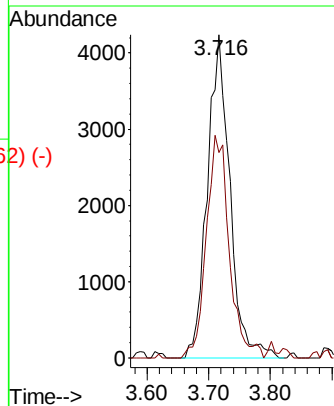
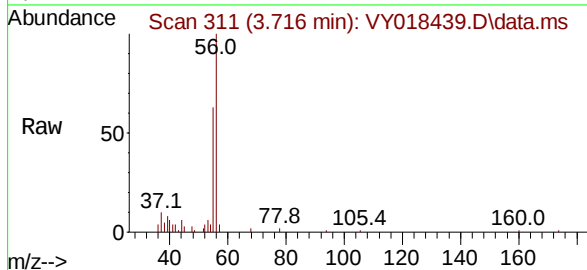
VY0603SBS01

Tgt Ion: 56 Resp: 10707

Ion Ratio Lower Upper

56 100

55 70.0 55.7 83.5



Allyl chloride

Concen: 20.521 ug/l

RT: 4.460 min Scan# 433

Delta R.T. -0.006 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

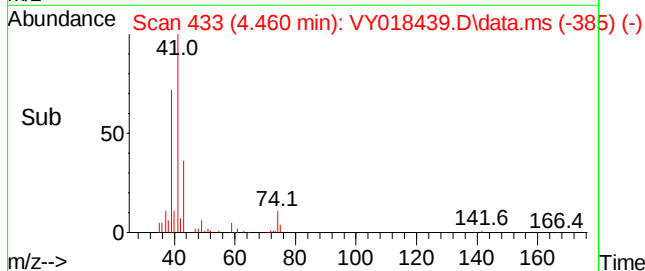
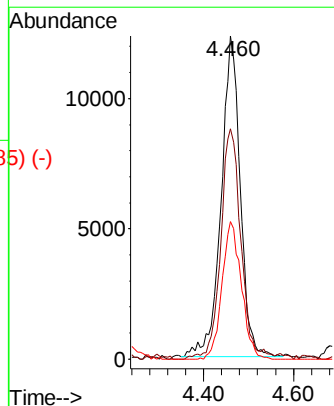
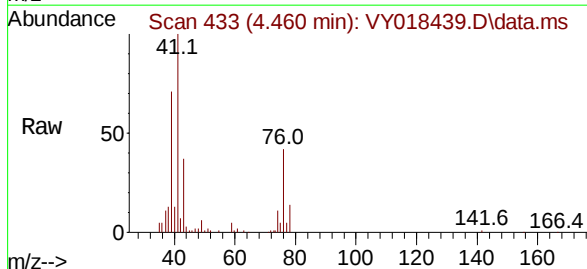
Tgt Ion: 41 Resp: 36102

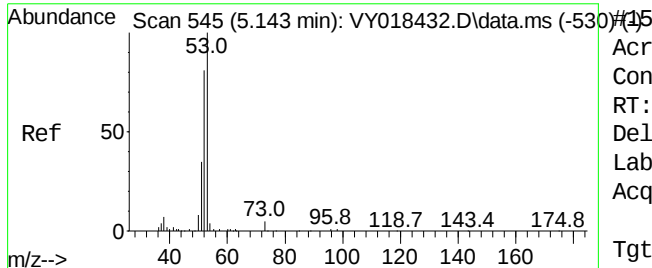
Ion Ratio Lower Upper

41 100

39 76.4 58.3 87.5

76 43.6 39.0 58.6





Acrylonitrile

Concen: 116.250 ug/l

RT: 5.143 min Scan# 415

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

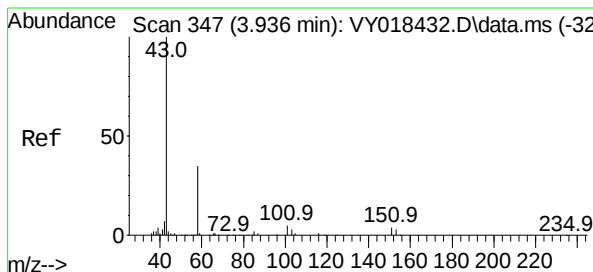
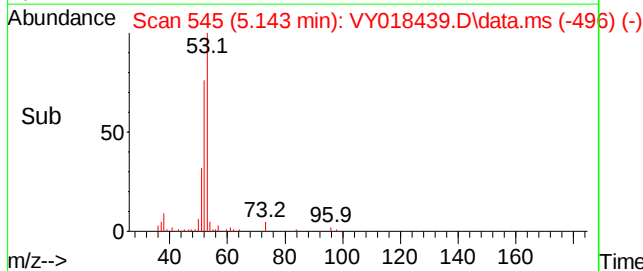
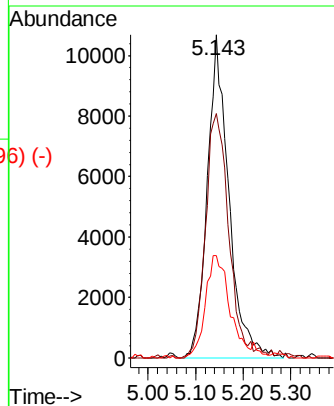
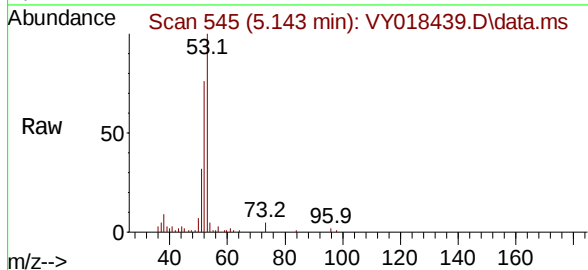
Tgt Ion: 53 Resp: 33574

Ion Ratio Lower Upper

53 100

52 82.4 64.7 97.1

51 35.7 28.4 42.6



Acetone

Concen: 108.427 ug/l

RT: 3.936 min Scan# 347

Delta R.T. -0.000 min

Lab File: VY018439.D

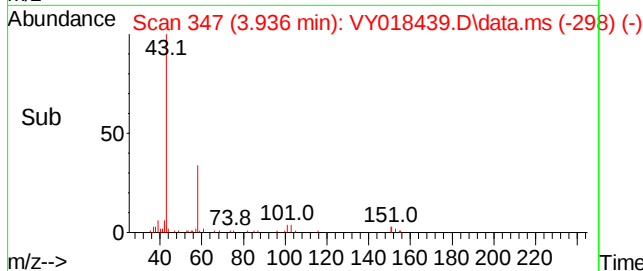
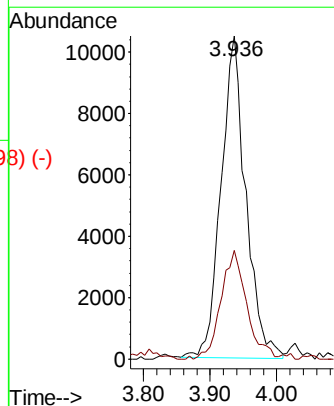
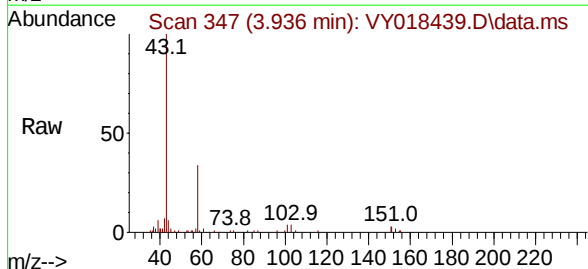
Acq: 03 Jun 2024 14:36

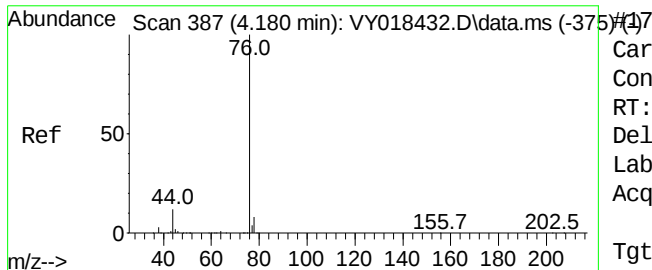
Tgt Ion: 43 Resp: 27062

Ion Ratio Lower Upper

43 100

58 33.8 31.7 47.5





Carbon Disulfide

Concen: 21.317 ug/l

RT: 4.174 min Scan# 417

Delta R.T. -0.006 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

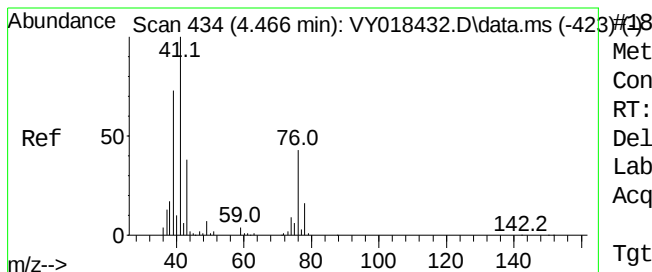
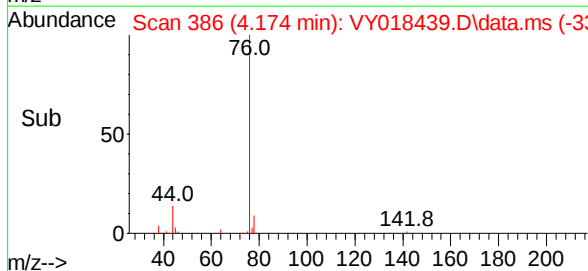
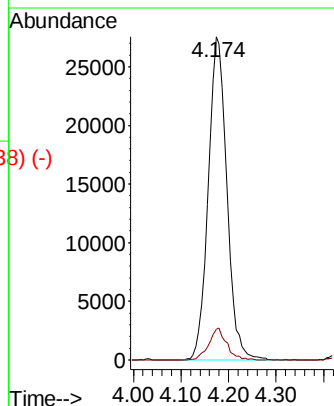
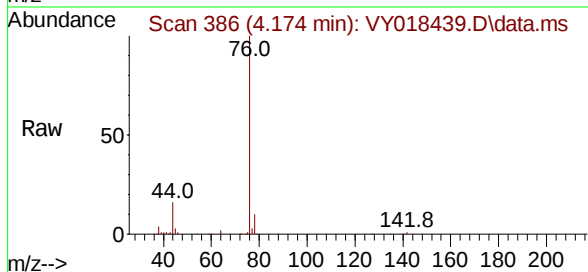
VY0603SBS01

Tgt Ion: 76 Resp: 75118

Ion Ratio Lower Upper

76 100

78 9.5 6.8 10.2



Methyl Acetate

Concen: 23.380 ug/l

RT: 4.466 min Scan# 434

Delta R.T. -0.000 min

Lab File: VY018439.D

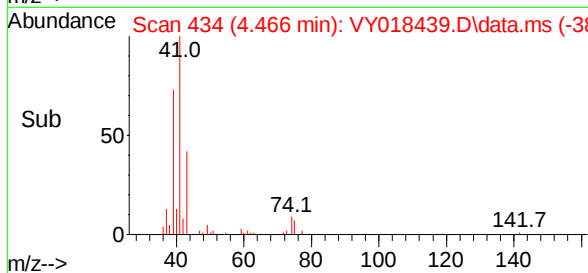
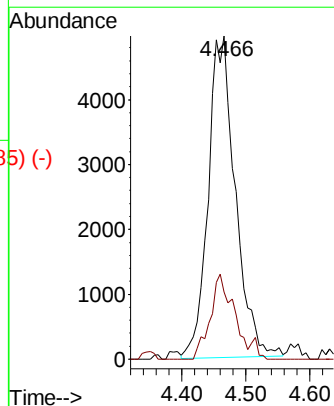
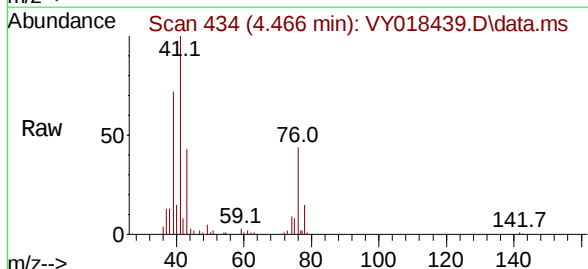
Acq: 03 Jun 2024 14:36

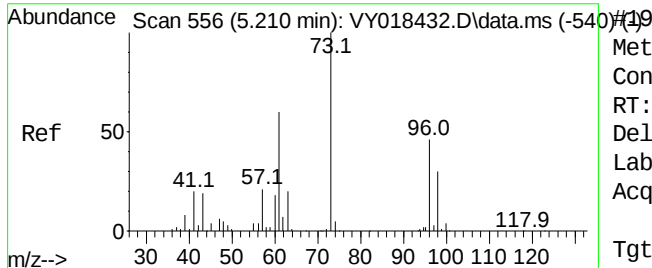
Tgt Ion: 43 Resp: 14592

Ion Ratio Lower Upper

43 100

74 22.4 23.3 34.9#

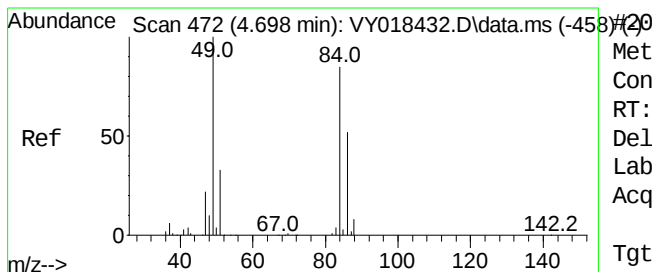
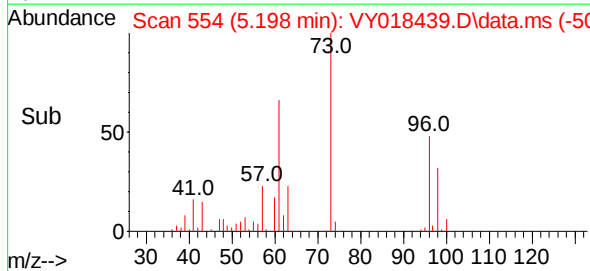
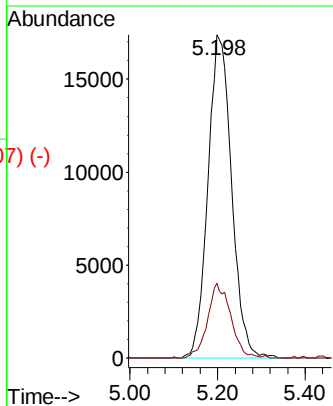
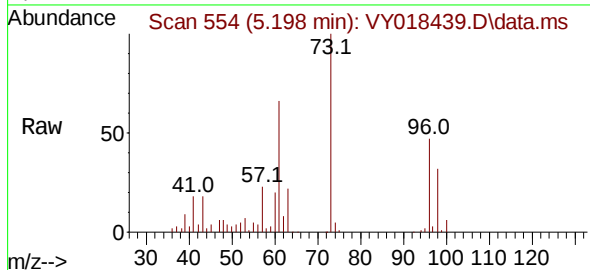




Methyl tert-butyl Ether
 Concen: 22.477 ug/l
 RT: 5.198 min Scan# 419
 Delta R.T. -0.012 min
 Lab File: VY018439.D
 Acq: 03 Jun 2024 14:36

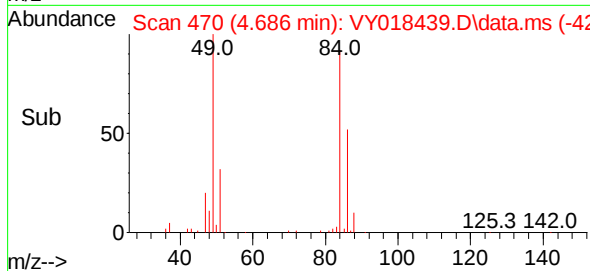
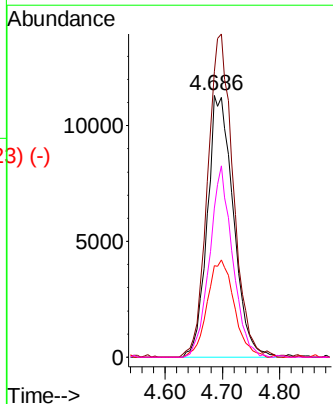
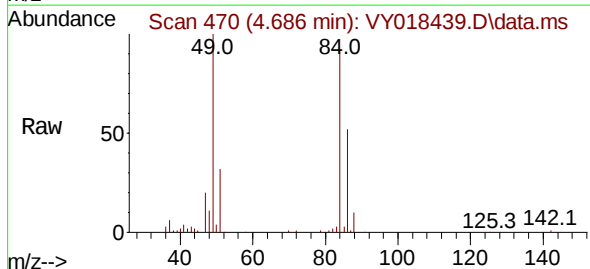
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

Tgt Ion: 73 Resp: 65075
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.3 25.9

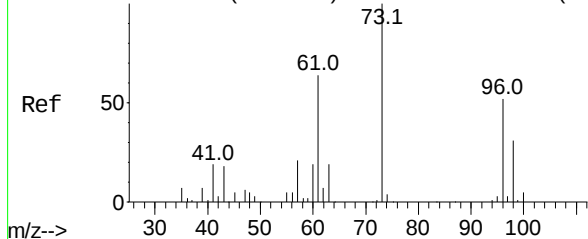


Methylene Chloride
 Concen: 23.327 ug/l
 RT: 4.686 min Scan# 470
 Delta R.T. -0.012 min
 Lab File: VY018439.D
 Acq: 03 Jun 2024 14:36

Tgt Ion: 84 Resp: 35574
 Ion Ratio Lower Upper
 84 100
 49 109.1 84.4 126.6
 51 35.0 26.0 39.0
 86 57.0 49.5 74.3



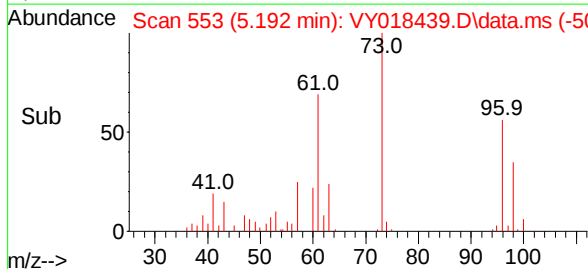
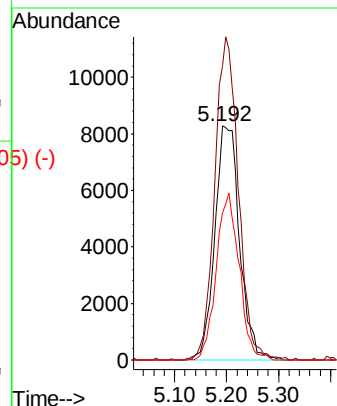
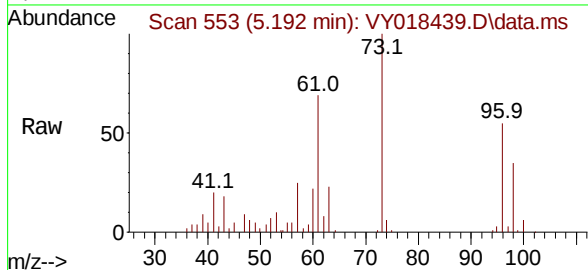
Abundance Scan 554 (5.198 min): VY018432.D\data.ms (-542) #21



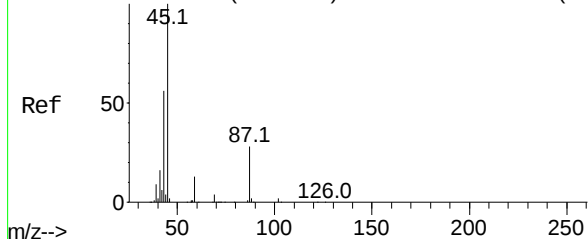
trans-1,2-Dichloroethene
Concen: 21.426 ug/l
RT: 5.192 min Scan# 703
Delta R.T. -0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 96 Resp: 27466
Ion Ratio Lower Upper
96 100
61 125.6 97.5 146.3
98 62.8 50.5 75.7

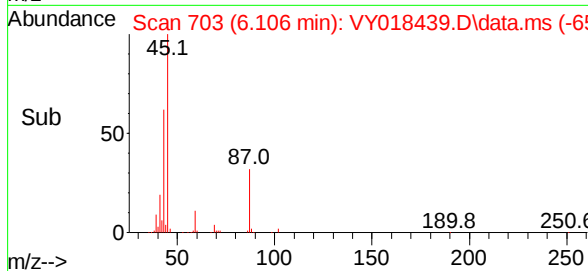
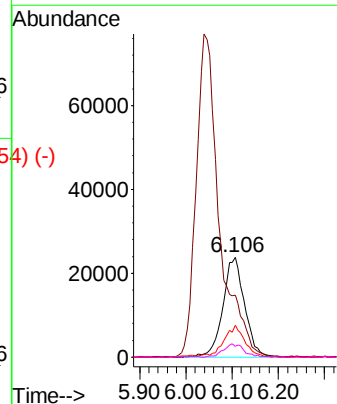
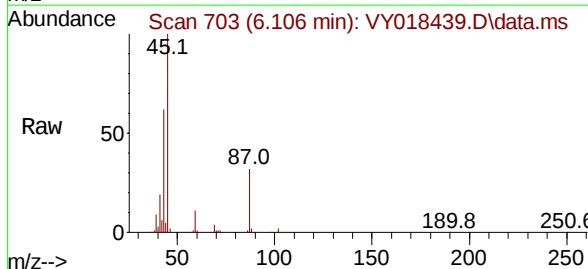


Abundance Scan 703 (6.106 min): VY018432.D\data.ms (-683) #22



Diisopropyl ether
Concen: 21.593 ug/l
RT: 6.106 min Scan# 703
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion: 45 Resp: 77362
Ion Ratio Lower Upper
45 100
43 61.4 42.2 63.2
87 31.7 25.0 37.6
59 10.7 10.5 15.7



Abundance Scan 693 (6.045 min): VY018432.D\data.ms (-680) #23

Vinyl Acetate

Concen: 114.806 ug/l

RT: 6.039 min Scan# 692

Delta R.T. -0.006 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

Tgt Ion: 43 Resp: 267695

Ion Ratio Lower Upper

43 100

86 10.7 10.6 16.0

m/z-->

Abundance Scan 692 (6.039 min): VY018439.D\data.ms

43.1

64.9 86.1 194.9

m/z-->

Abundance Scan 692 (6.039 min): VY018439.D\data.ms (-644) (-)

43.1

64.9 86.0 194.9

m/z-->

Abundance

6.039

60000

40000

20000

0

Time-->

Abundance Scan 686 (6.003 min): VY018432.D\data.ms (-671) #24

1,1-Dichloroethane

Concen: 21.528 ug/l

RT: 6.003 min Scan# 686

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Tgt Ion: 63 Resp: 48108

Ion Ratio Lower Upper

63 100

98 6.2 4.0 12.2

100 4.5 2.6 8.0

m/z-->

Abundance Scan 686 (6.003 min): VY018439.D\data.ms

63.0

43.1 82.9 100.1 148.8

m/z-->

Abundance Scan 686 (6.003 min): VY018439.D\data.ms (-637) (-)

63.0

43.1 82.9 100.1 148.8

m/z-->

Abundance

6.003

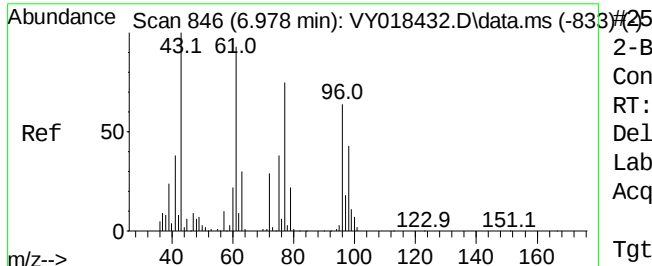
15000

10000

5000

0

Time-->



2-Butanone

Concen: 113.557 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.006 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

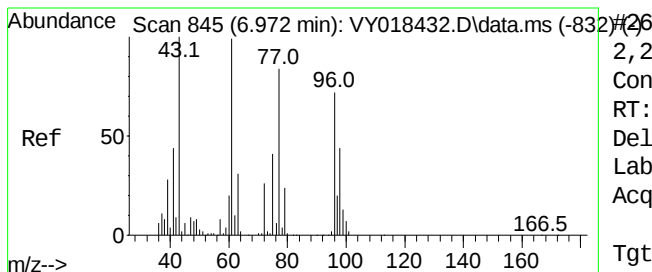
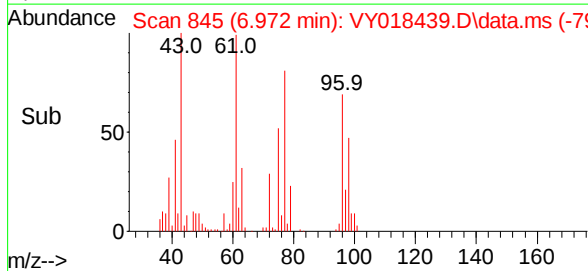
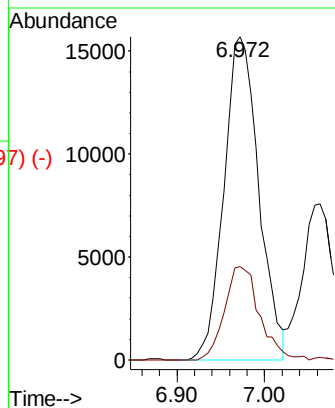
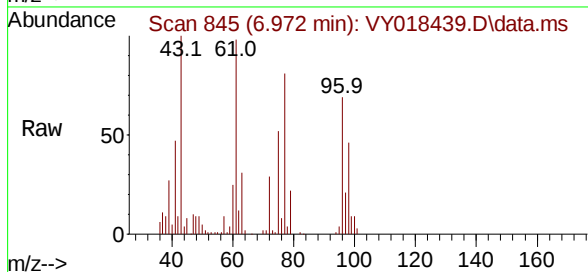
VY0603SBS01

Tgt Ion: 43 Resp: 43419

Ion Ratio Lower Upper

43 100

72 28.9 27.3 40.9



2,2-Dichloropropane

Concen: 19.920 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.000 min

Lab File: VY018439.D

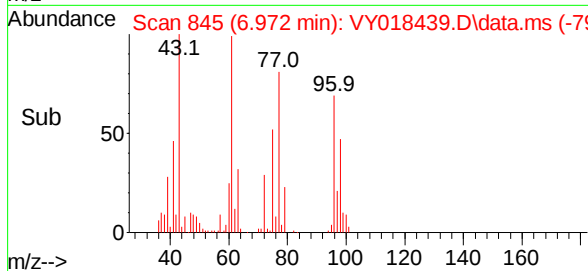
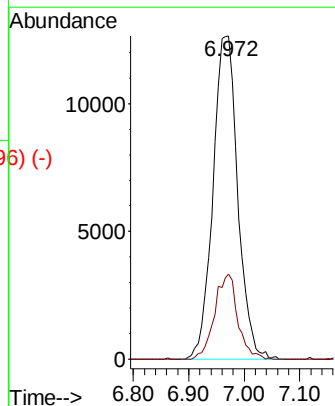
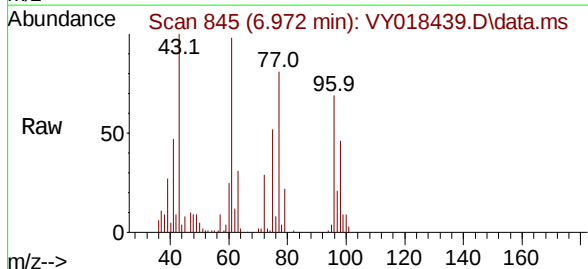
Acq: 03 Jun 2024 14:36

Tgt Ion: 77 Resp: 39125

Ion Ratio Lower Upper

77 100

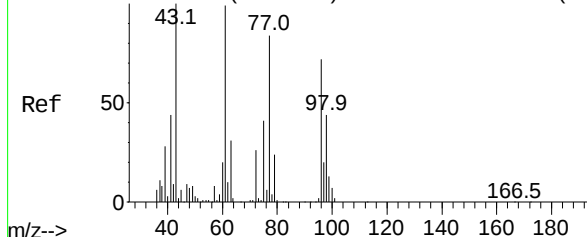
97 24.5 12.0 36.1



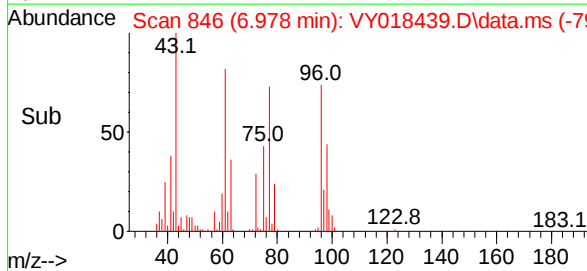
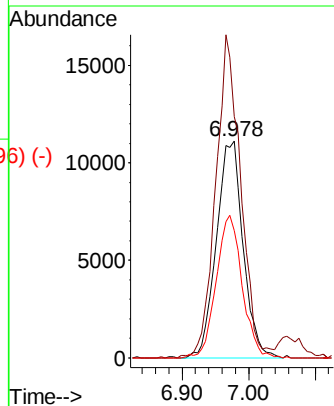
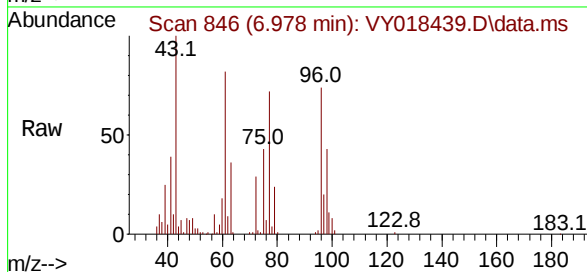
Abundance Scan 845 (6.972 min): VY018432.D\data.ms (-833) #27

cis-1,2-Dichloroethene
Concen: 20.766 ug/l
RT: 6.978 min Scan# 845
Delta R.T. 0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01



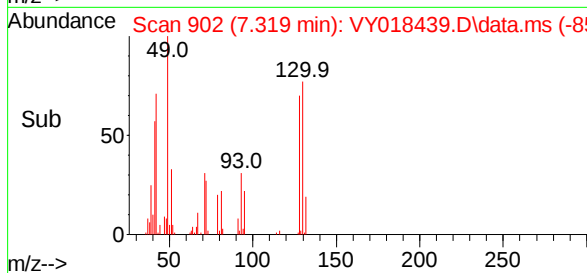
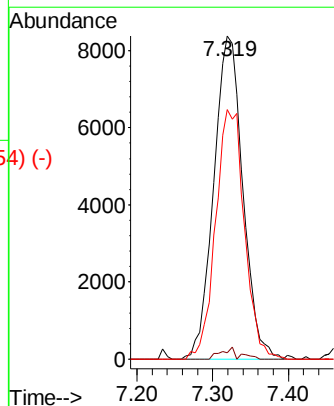
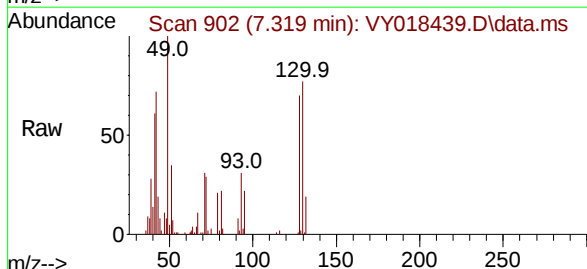
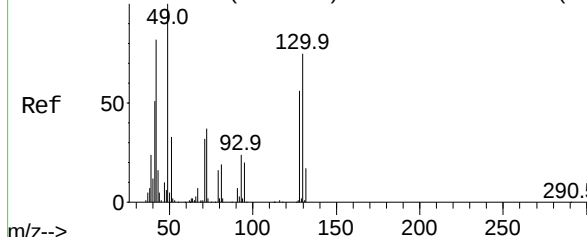
Tgt Ion:	96	Resp:	30966
Ion	Ratio	Lower	Upper
96	100		
61	138.7	0.0	256.2
98	64.0	0.0	130.0



Abundance Scan 903 (7.326 min): VY018432.D\data.ms (-891) #28

Bromochloromethane
Concen: 21.754 ug/l
RT: 7.319 min Scan# 902
Delta R.T. -0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	49	Resp:	22371
Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	4.6
130	76.5	72.7	109.1



Abundance Scan 905 (7.338 min): VY018432.D\data.ms (-890) #29

Tetrahydrofuran

Concen: 120.903 ug/l

RT: 7.338 min Scan# 905

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

Tgt Ion: 42 Resp: 30022

Ion Ratio Lower Upper

42 100

72 45.7 43.0 64.4

71 40.7 40.8 61.2#

Abundance Scan 905 (7.338 min): VY018439.D\data.ms

Ref

42.0

72.1

94.9

129.9

206.8

m/z-->

Abundance Scan 905 (7.338 min): VY018439.D\data.ms

Raw

42.1

72.1

94.9

129.9

161.2

m/z-->

Abundance Scan 905 (7.338 min): VY018439.D\data.ms (-856) (-)

Sub

42.0

72.0

94.9

129.9

161.2

m/z-->

Abundance

7.338

10000

5000

0

Time-->

7.20 7.30 7.40

Abundance Scan 931 (7.496 min): VY018432.D\data.ms (-919) #30

Chloroform

Concen: 21.466 ug/l

RT: 7.496 min Scan# 931

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Tgt Ion: 83 Resp: 48113

Ion Ratio Lower Upper

83 100

85 62.7 52.2 78.4

Abundance Scan 931 (7.496 min): VY018439.D\data.ms

Ref

83.0

47.0

119.9

152.1

262.8

m/z-->

Abundance Scan 931 (7.496 min): VY018439.D\data.ms

Raw

83.0

47.0

119.8

200.8

m/z-->

Abundance Scan 931 (7.496 min): VY018439.D\data.ms (-882) (-)

Sub

83.0

47.0

118.0

200.8

m/z-->

Abundance

7.496

15000

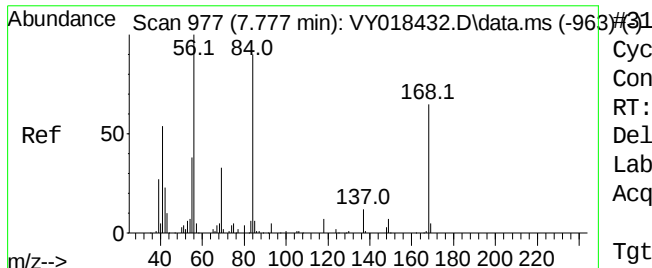
10000

5000

0

Time-->

7.40 7.50 7.60



Cyclohexane

Concen: 21.474 ug/l

RT: 7.777 min Scan# 977

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

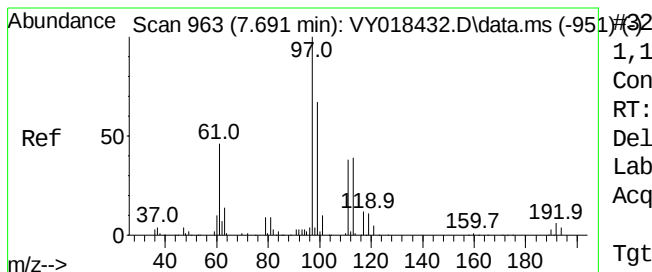
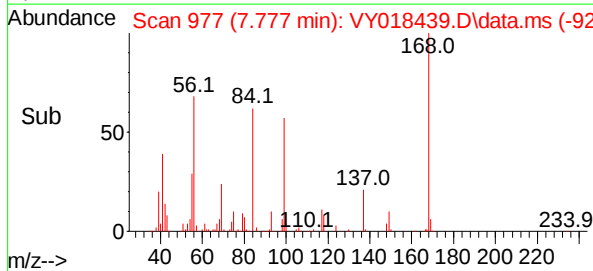
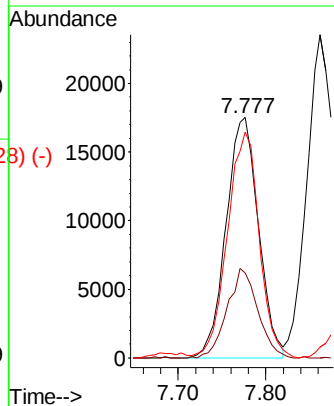
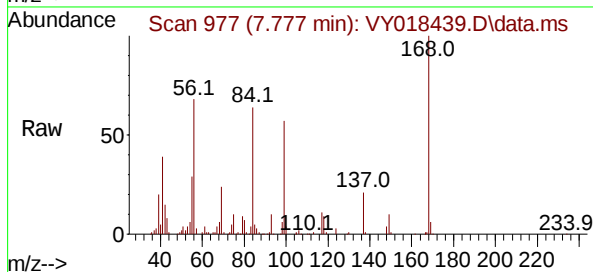
Tgt Ion: 56 Resp: 45023

Ion Ratio Lower Upper

56 100

69 35.4 28.7 43.1

84 91.9 77.7 116.5



1,1,1-Trichloroethane

Concen: 21.021 ug/l

RT: 7.691 min Scan# 963

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

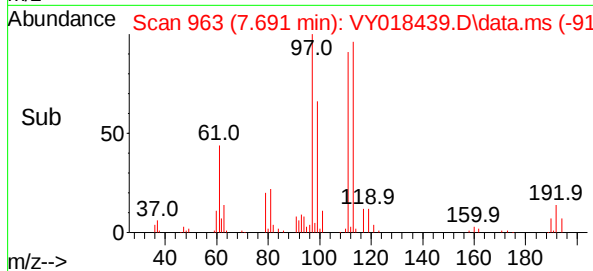
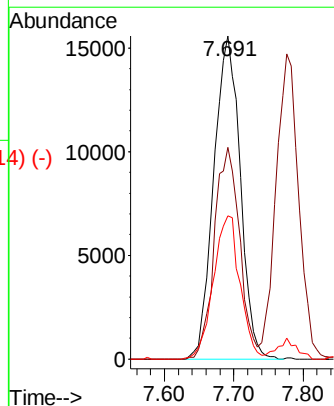
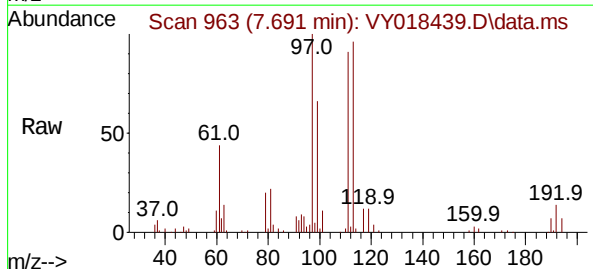
Tgt Ion: 97 Resp: 41267

Ion Ratio Lower Upper

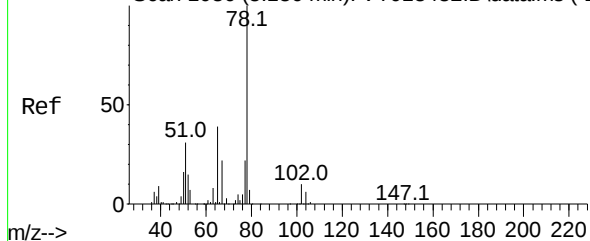
97 100

99 62.5 50.3 75.5

61 44.5 32.6 48.8



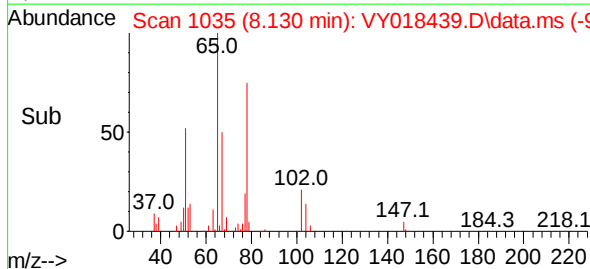
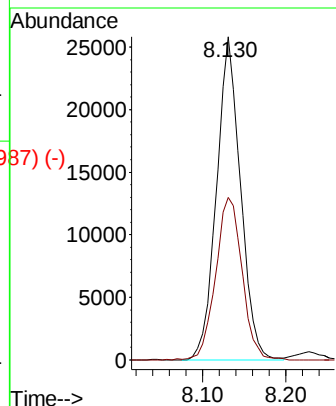
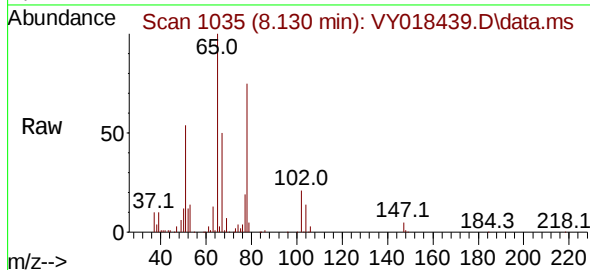
Abundance Scan 1036 (8.136 min): VY018432.D\data.ms (-10253)



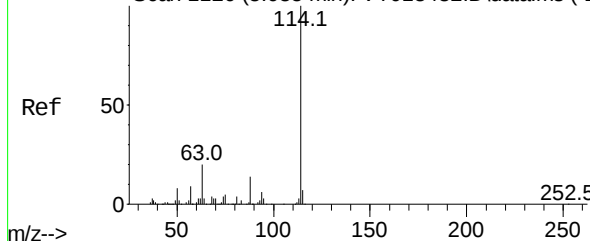
1,2-Dichloroethane-d4
Concen: 46.271 ug/l
RT: 8.130 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 65 Resp: 52033
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

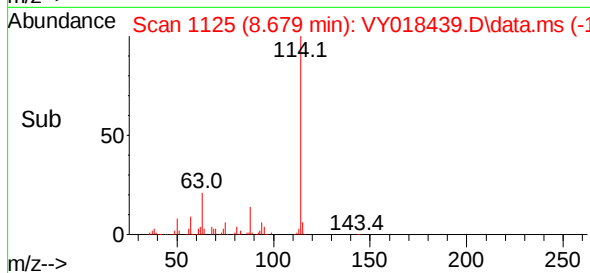
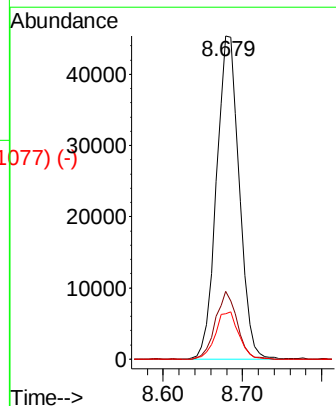
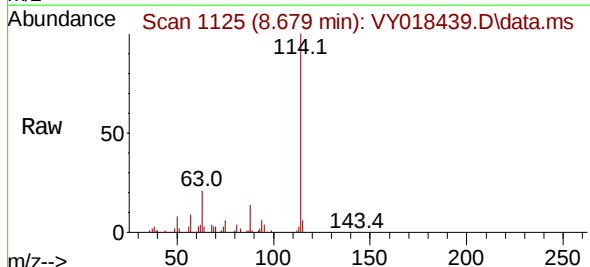


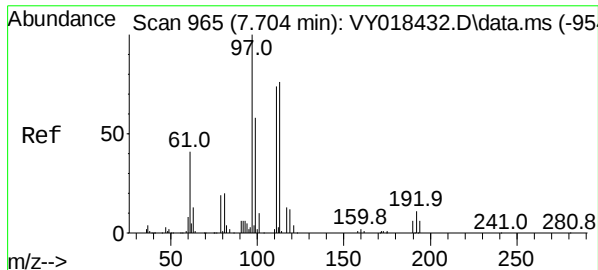
Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-11154)



1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.679 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion: 114 Resp: 90495
Ion Ratio Lower Upper
114 100
63 21.0 0.0 35.0
88 14.0 0.0 27.2

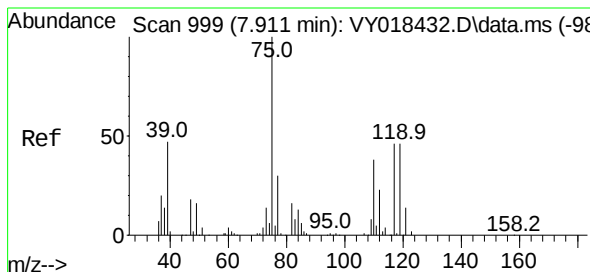
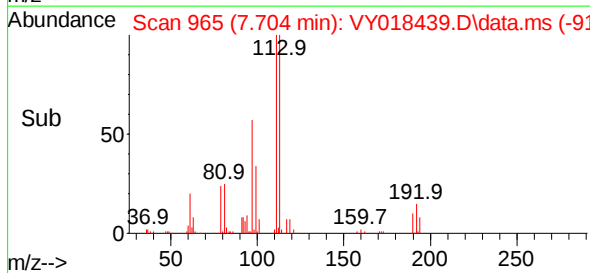
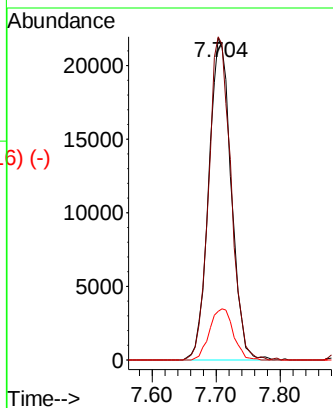
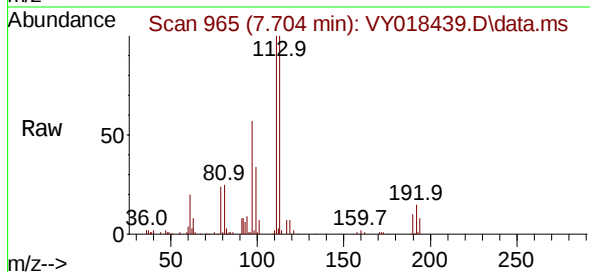




#35
Dibromofluoromethane
Concen: 46.167 ug/l
RT: 7.704 min Scan# 965
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

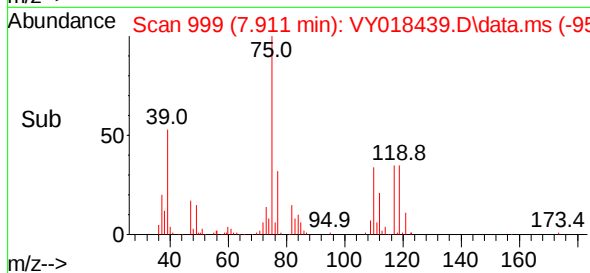
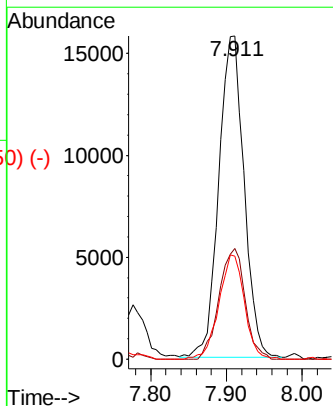
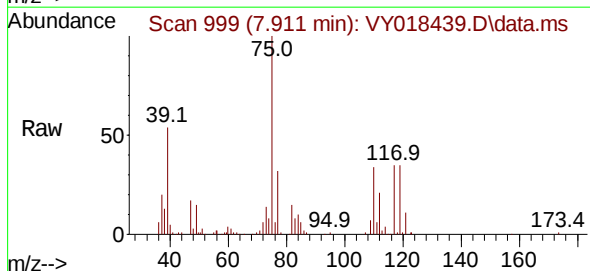
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

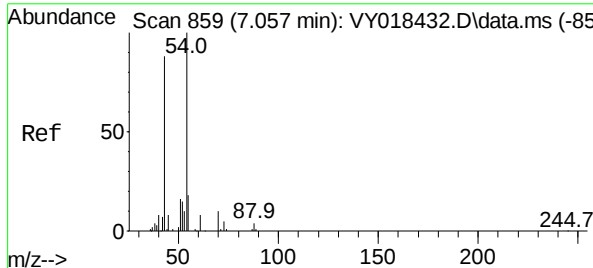
Tgt Ion:	113	Resp:	52978
Ion	Ratio	Lower	Upper
113	100		
111	99.7	82.2	123.4
192	16.7	15.9	23.9



#36
1,1-Dichloropropene
Concen: 20.919 ug/l
RT: 7.911 min Scan# 999
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	75	Resp:	36603
Ion	Ratio	Lower	Upper
75	100		
110	35.5	19.0	57.0
77	32.7	25.3	37.9





Ethyl Acetate

Concen: 22.797 ug/l

RT: 7.063 min Scan# 859

Delta R.T. 0.006 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

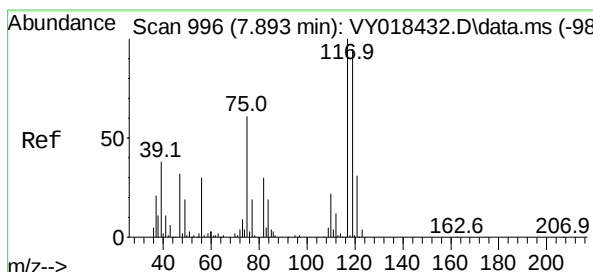
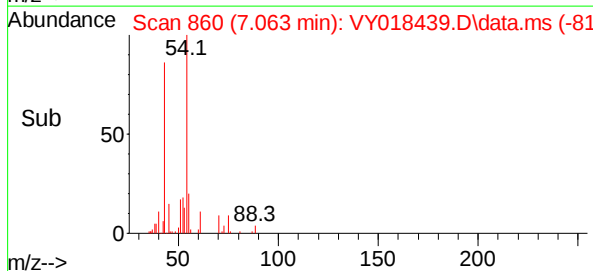
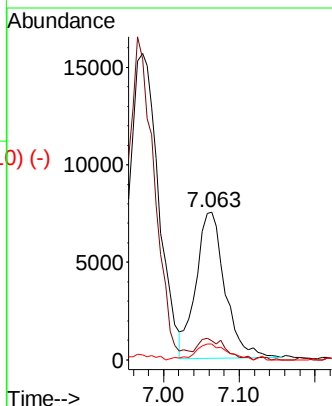
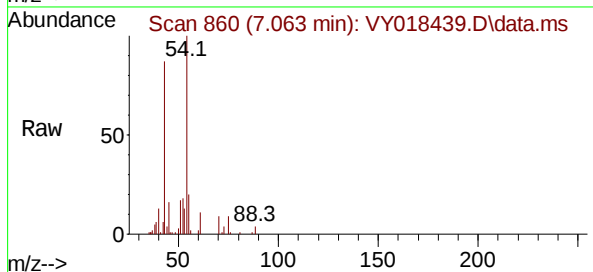
Tgt Ion: 43 Resp: 19927

Ion Ratio Lower Upper

43 100

61 13.5 12.6 19.0

70 12.2 7.8 11.8#



Carbon Tetrachloride

Concen: 19.499 ug/l

RT: 7.892 min Scan# 996

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

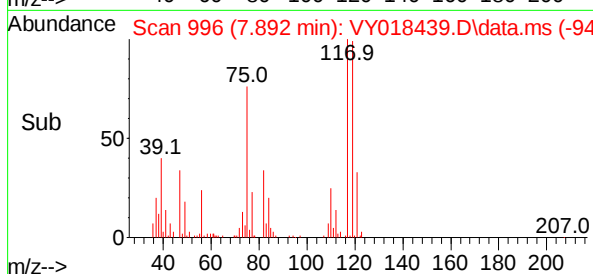
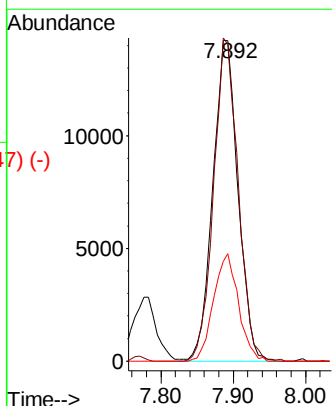
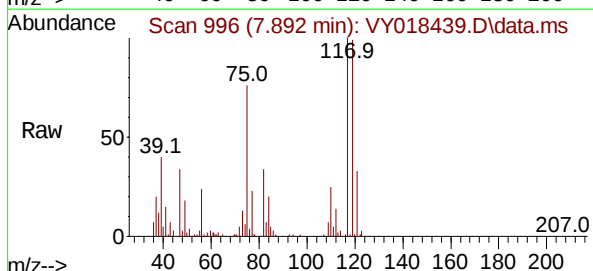
Tgt Ion:117 Resp: 34189

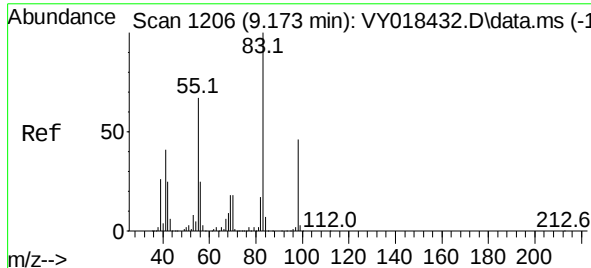
Ion Ratio Lower Upper

117 100

119 98.8 75.8 113.6

121 33.5 24.0 36.0





Methylcyclohexane

Concen: 21.295 ug/l

RT: 9.173 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

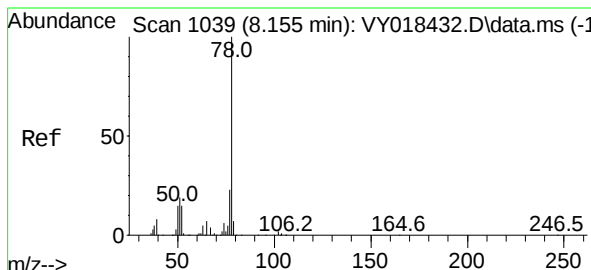
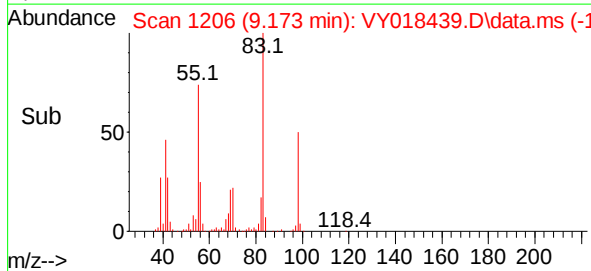
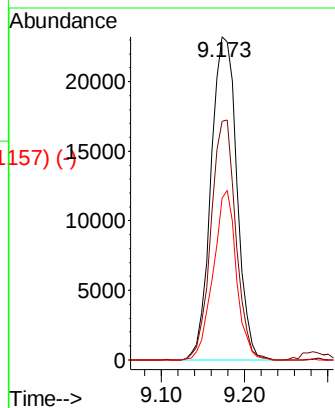
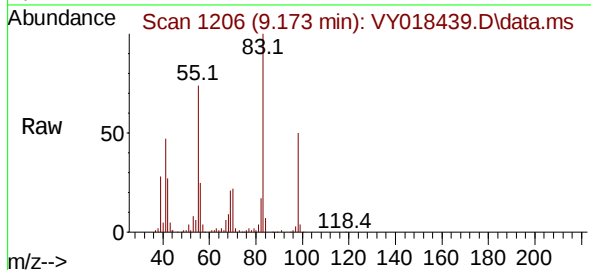
Tgt Ion: 83 Resp: 50371

Ion Ratio Lower Upper

83 100

55 73.8 51.5 77.3

98 50.0 40.5 60.7



Benzene

Concen: 21.082 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. -0.006 min

Lab File: VY018439.D

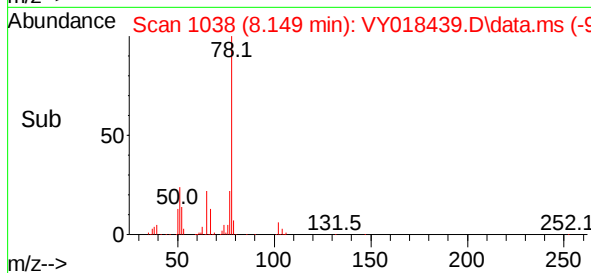
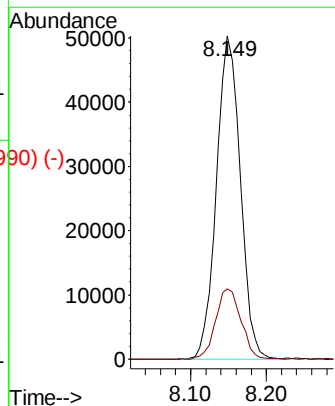
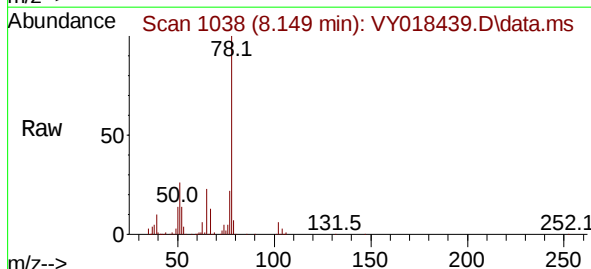
Acq: 03 Jun 2024 14:36

Tgt Ion: 78 Resp: 110523

Ion Ratio Lower Upper

78 100

77 21.7 19.5 29.3



Abundance Scan 898 (7.295 min): VY018432.D\data.ms (-883) (-41)

Methacrylonitrile

Concen: 22.379 ug/l

RT: 7.295 min Scan# 898

Delta R.T. -0.000 min

Lab File: VY018439.D

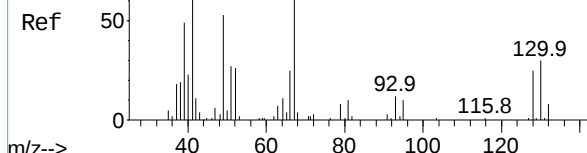
Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01



Tgt Ion: 41 Resp: 9515

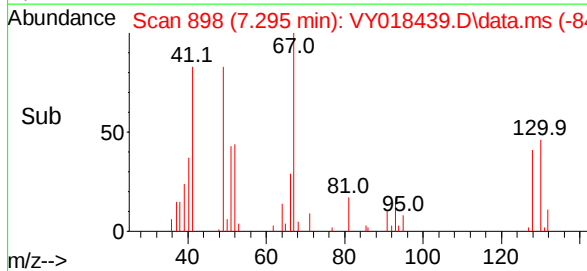
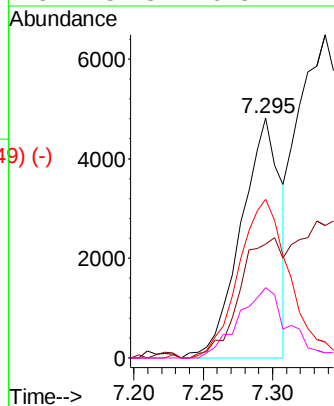
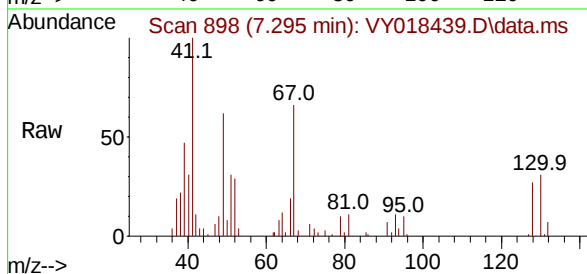
Ion Ratio Lower Upper

41 100

39 54.5 48.0 72.0

67 86.9 75.1 112.7

52 37.3 29.8 44.6



Abundance Scan 1051 (8.228 min): VY018432.D\data.ms (-1044) (-42)

1,2-Dichloroethane

Concen: 21.702 ug/l

RT: 8.228 min Scan# 1051

Delta R.T. -0.000 min

Lab File: VY018439.D

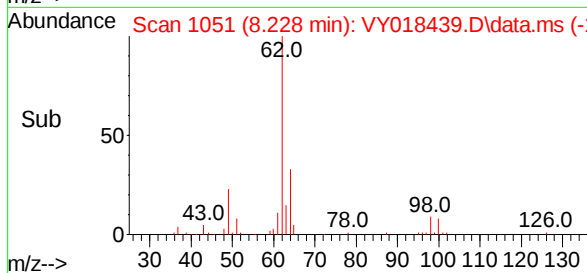
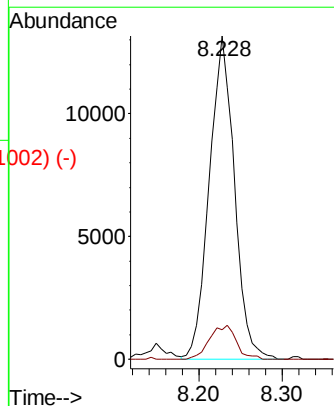
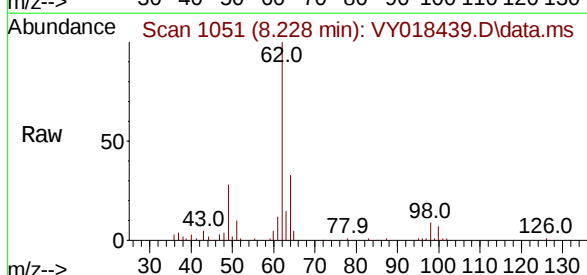
Acq: 03 Jun 2024 14:36

Tgt Ion: 62 Resp: 27661

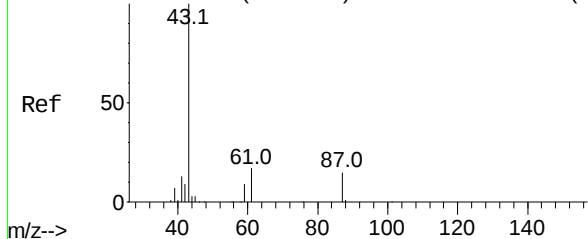
Ion Ratio Lower Upper

62 100

98 11.1 0.0 22.0



Abundance Scan 1057 (8.264 min): VY018432.D\data.ms (-1043)



Isopropyl Acetate

Concen: 22.350 ug/l

RT: 8.264 min Scan#

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

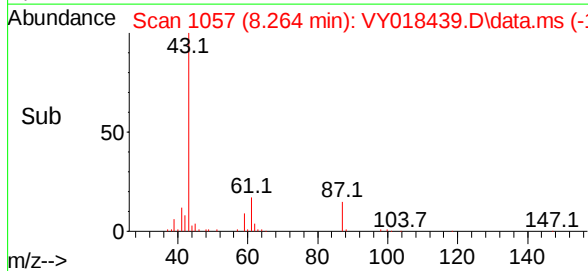
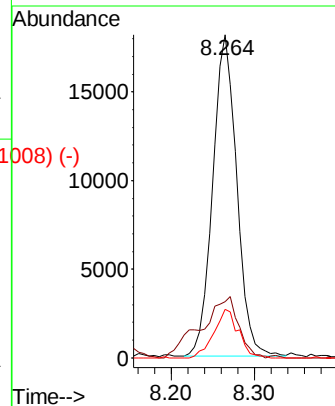
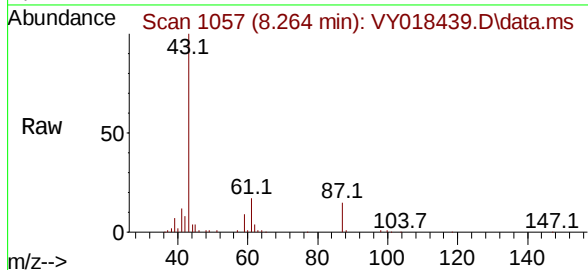
Tgt Ion: 43 Resp: 36530

Ion Ratio Lower Upper

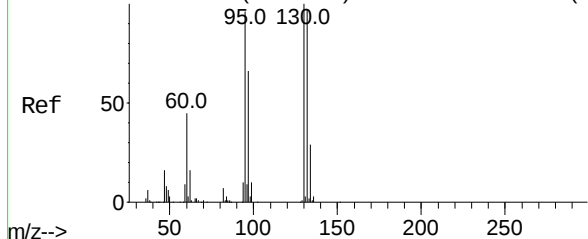
43 100

61 29.5 27.9 41.9

87 15.4 13.1 19.7



Abundance Scan 1167 (8.935 min): VY018432.D\data.ms (-1154)



Trichloroethene

Concen: 20.651 ug/l

RT: 8.929 min Scan# 1166

Delta R.T. -0.006 min

Lab File: VY018439.D

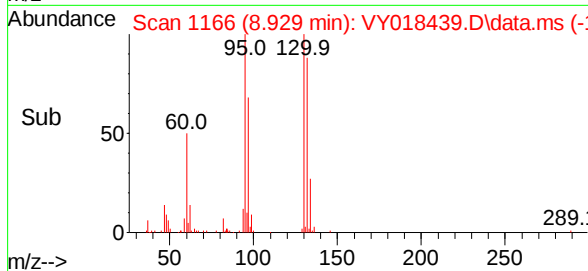
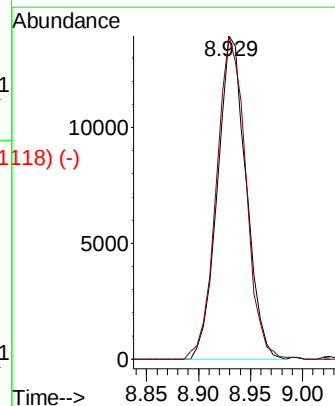
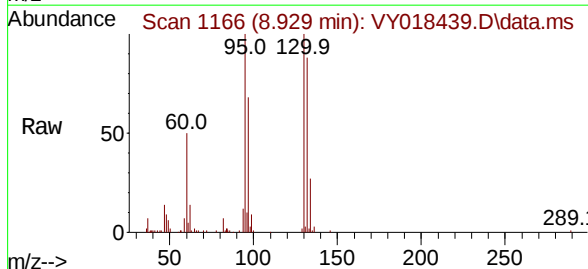
Acq: 03 Jun 2024 14:36

Tgt Ion:130 Resp: 26829

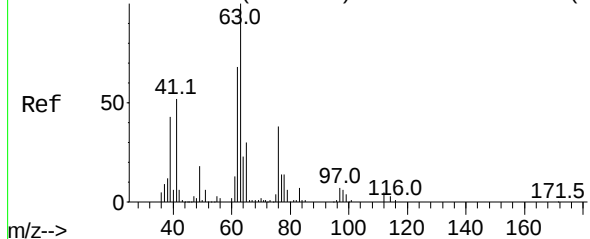
Ion Ratio Lower Upper

130 100

95 100.0 0.0 188.0



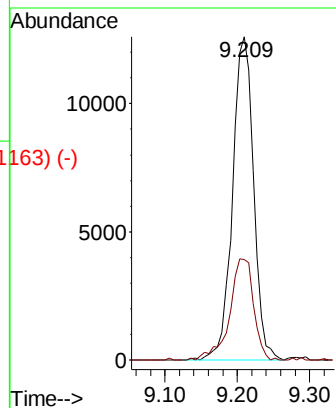
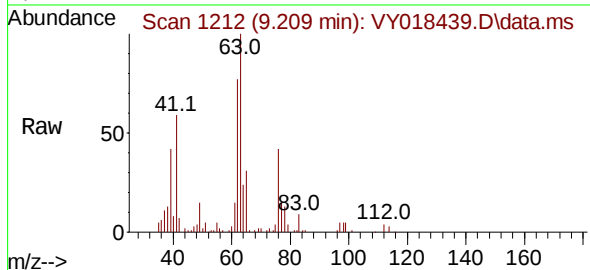
Abundance Scan 1212 (9.209 min): VY018432.D\data.ms (-12045)



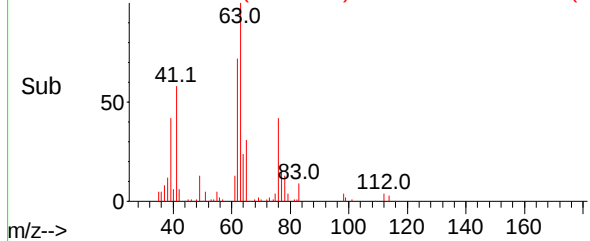
1,2-Dichloropropane
Concen: 21.165 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

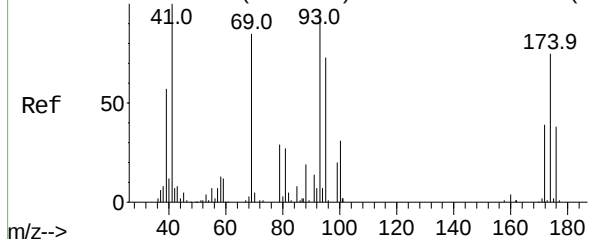
Tgt Ion: 63 Resp: 25376
Ion Ratio Lower Upper
63 100
65 31.1 25.4 38.2



Abundance Scan 1212 (9.209 min): VY018439.D\data.ms (-1163) (-)

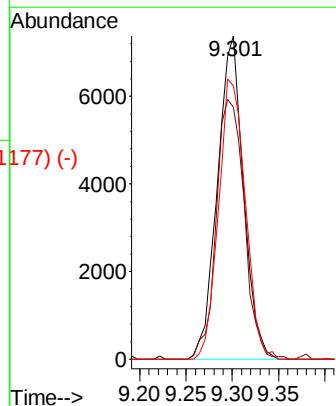
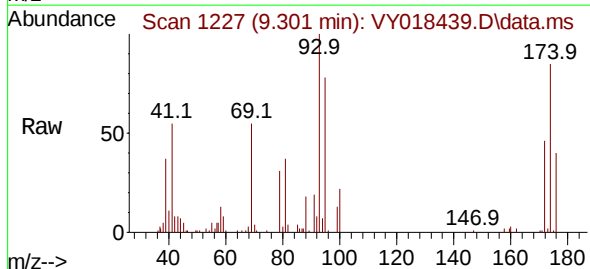


Abundance Scan 1226 (9.295 min): VY018432.D\data.ms (-12184)

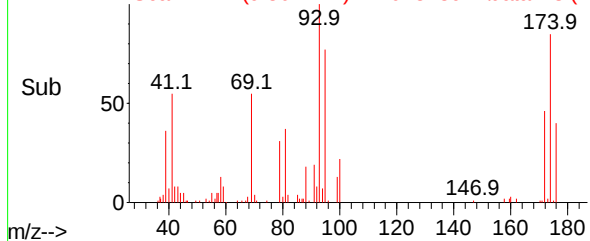


Dibromomethane
Concen: 21.060 ug/l
RT: 9.301 min Scan# 1227
Delta R.T. 0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

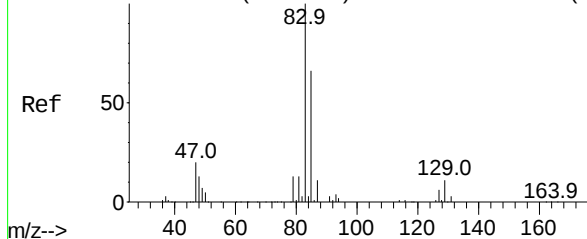
Tgt Ion: 93 Resp: 14477
Ion Ratio Lower Upper
93 100
95 86.2 66.2 99.4
174 88.8 80.9 121.3



Abundance Scan 1227 (9.301 min): VY018439.D\data.ms (-1177) (-)



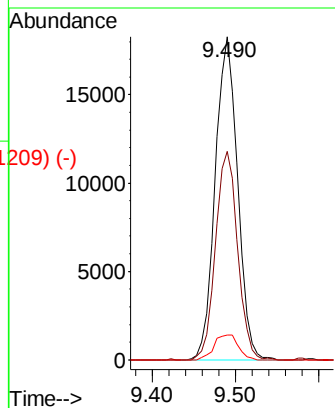
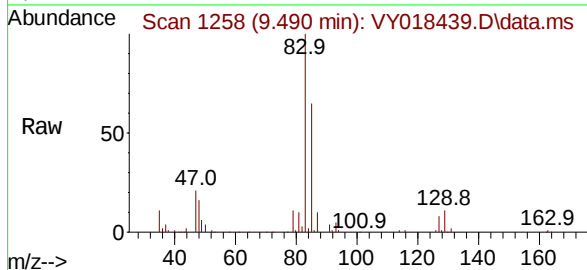
Abundance Scan 1258 (9.490 min): VY018432.D\data.ms (-1247)



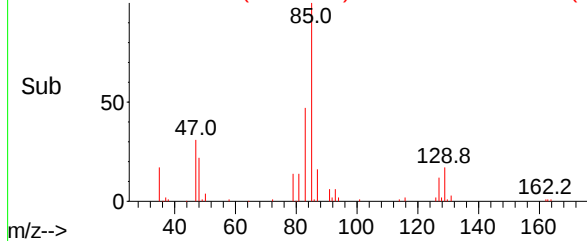
Bromodichloromethane
Concen: 20.841 ug/l
RT: 9.490 min Scan# 1258
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

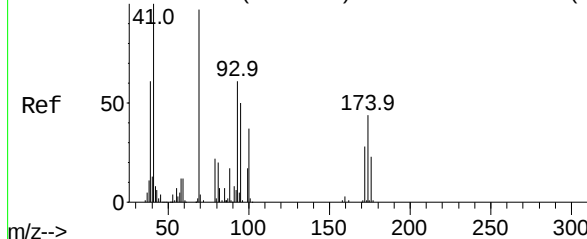
Tgt Ion:	83	Resp:	34389
Ion	Ratio	Lower	Upper
83	100		
85	64.6	50.1	75.1
127	7.6	7.4	11.0



Abundance Scan 1258 (9.490 min): VY018439.D\data.ms (-1209) (-)

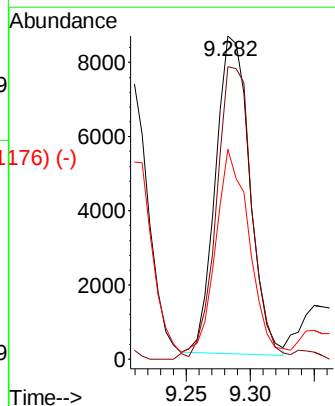
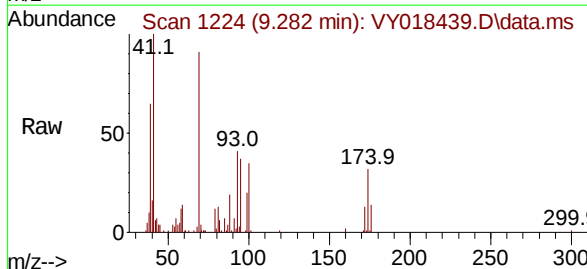


Abundance Scan 1225 (9.289 min): VY018432.D\data.ms (-1218)

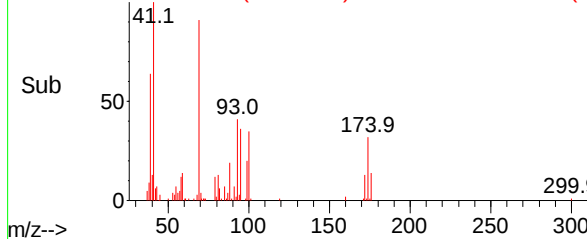


Methyl methacrylate
Concen: 21.126 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	41	Resp:	15886
Ion	Ratio	Lower	Upper
41	100		
69	95.6	84.1	126.1
39	61.9	43.6	65.4



Abundance Scan 1224 (9.282 min): VY018439.D\data.ms (-1176) (-)



Abundance Scan 1227 (9.301 min): VY018432.D\data.ms (-12169)

1,4-Dioxane

Concen: 499.164 ug/l

RT: 9.289 min Scan# 1178

Delta R.T. -0.012 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

Tgt Ion: 88 Resp: 4506

Ion Ratio Lower Upper

88 100

43 34.2 0.0 0.0#

58 62.1 49.3 73.9

m/z-->

Abundance Scan 1225 (9.289 min): VY018439.D\data.ms

41.1 69.0

92.9

173.9

Raw

50

0

m/z-->

Abundance Scan 1225 (9.289 min): VY018439.D\data.ms (-1178)

41.1 69.0

92.9

173.9

Sub

50

0

m/z-->

Abundance

15000

10000

5000

0

9.289

Time-->

Abundance Scan 1370 (10.173 min): VY018432.D\data.ms (-1359)

Toluene-d8

Concen: 45.351 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Tgt Ion: 98 Resp: 207035

Ion Ratio Lower Upper

98 100

100 65.0 52.0 78.0

m/z-->

Abundance Scan 1370 (10.173 min): VY018439.D\data.ms

98.1

42.1 70.1

151.9

Raw

50

0

m/z-->

Abundance Scan 1370 (10.173 min): VY018439.D\data.ms (-1321)

98.1

42.1 70.1

151.9

Sub

50

0

m/z-->

Abundance

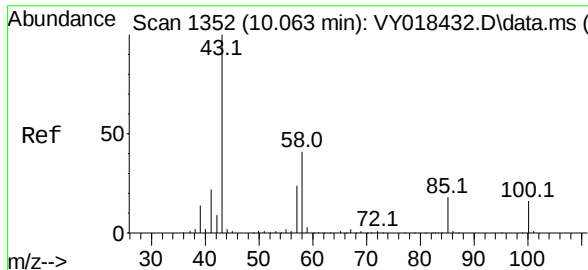
100000

50000

0

10.173

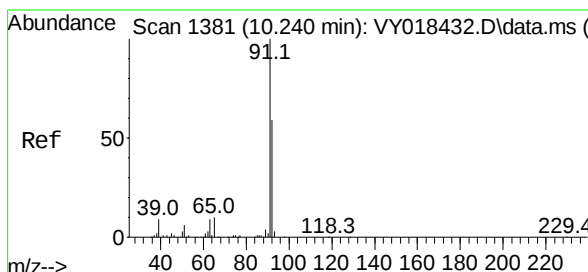
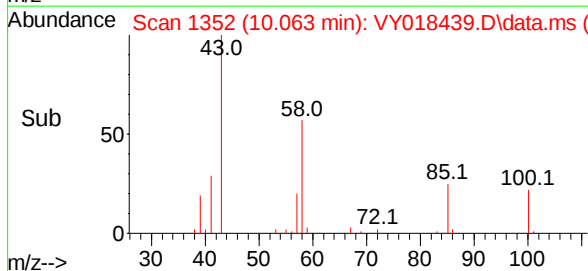
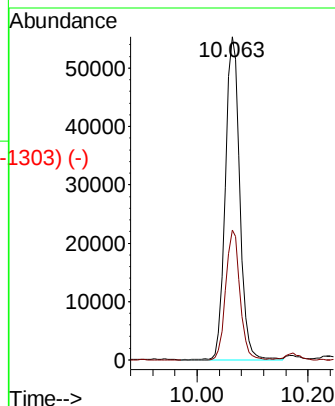
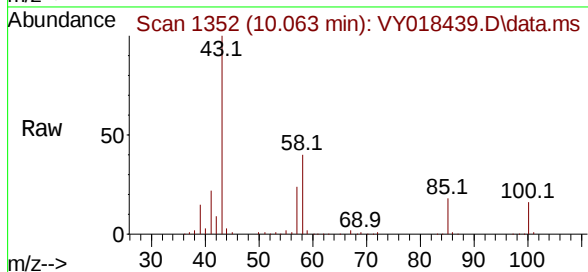
Time-->



4-Methyl-2-Pentanone
Concen: 117.829 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

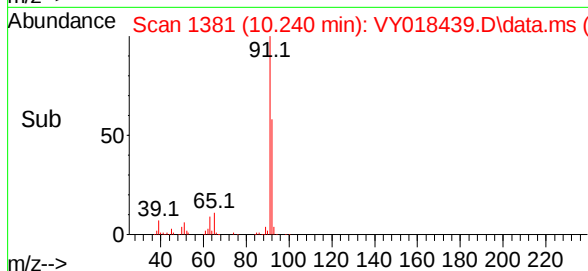
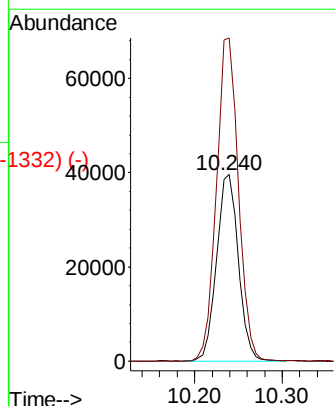
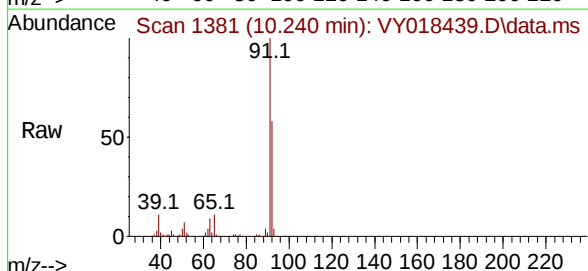
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

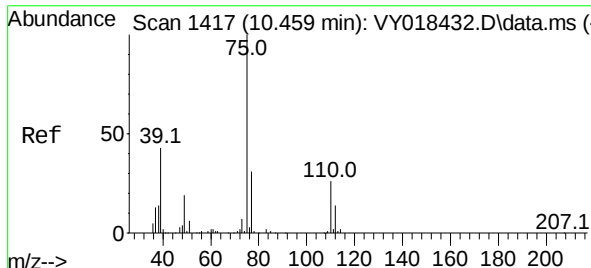
Tgt Ion: 43 Resp: 100000
Ion Ratio Lower Upper
43 100
58 39.6 35.7 53.5



Toluene
Concen: 21.255 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion: 92 Resp: 68538
Ion Ratio Lower Upper
92 100
91 174.7 139.0 208.6

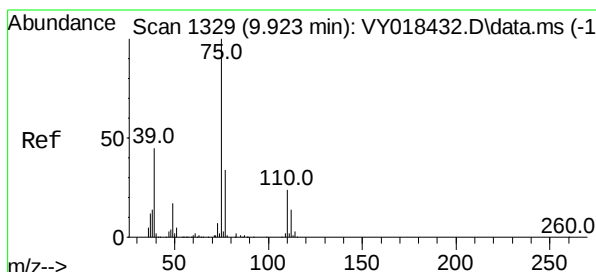
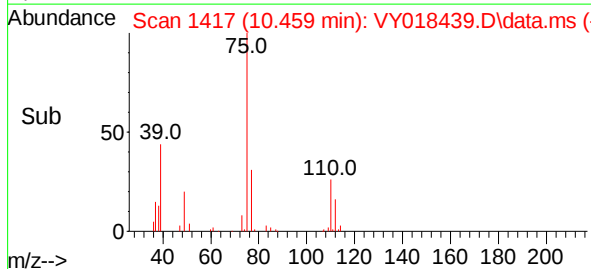
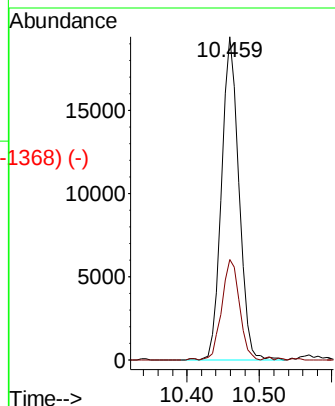
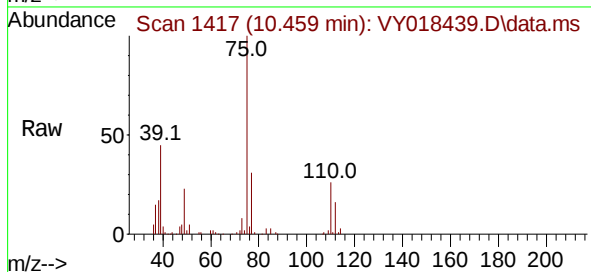




t-1,3-Dichloropropene
Concen: 21.073 ug/l
RT: 10.459 min Scan# 1417
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

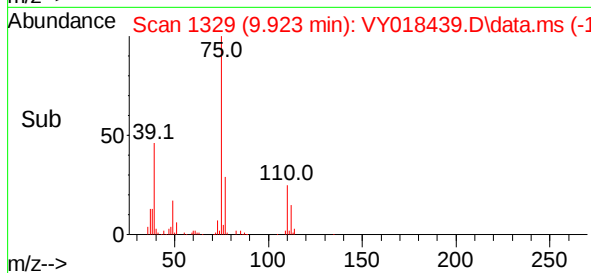
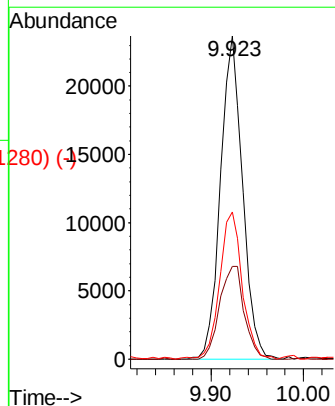
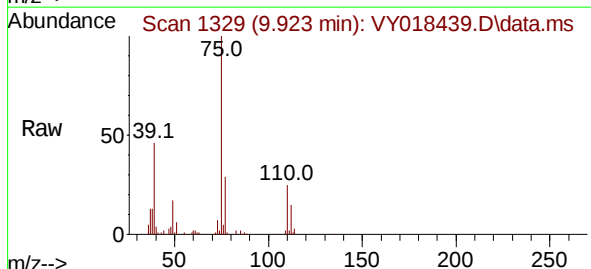
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

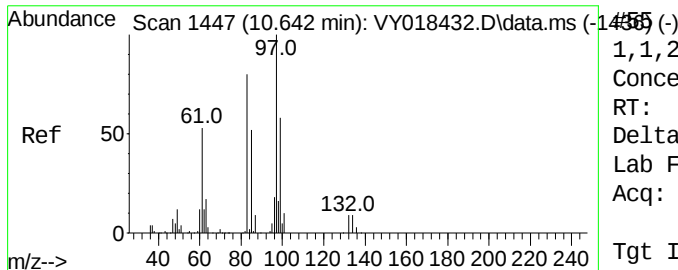
Tgt Ion: 75 Resp: 31932
Ion Ratio Lower Upper
75 100
77 31.1 24.1 36.1



cis-1,3-Dichloropropene
Concen: 21.072 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion: 75 Resp: 39316
Ion Ratio Lower Upper
75 100
77 28.8 25.4 38.0
39 45.3 29.8 44.6#

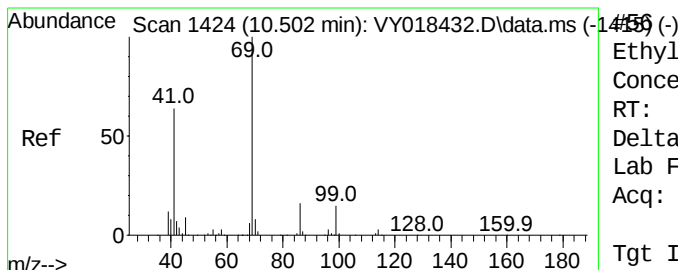
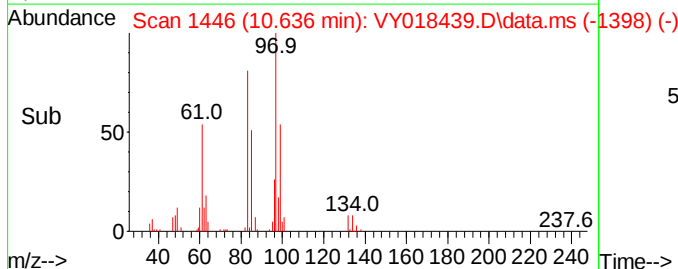
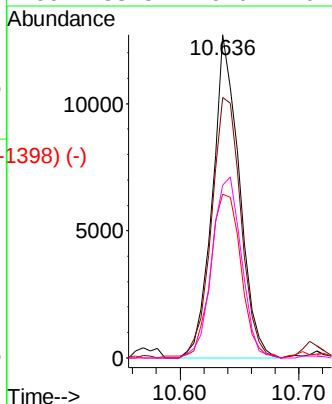
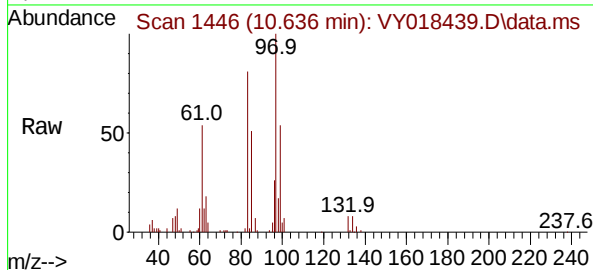




1,1,2-Trichloroethane
Concen: 22.159 ug/l
RT: 10.636 min Scan# 1446
Delta R.T. -0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

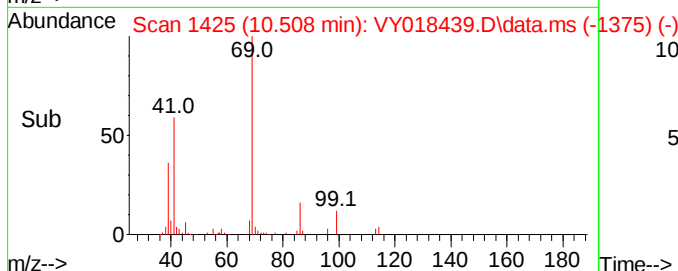
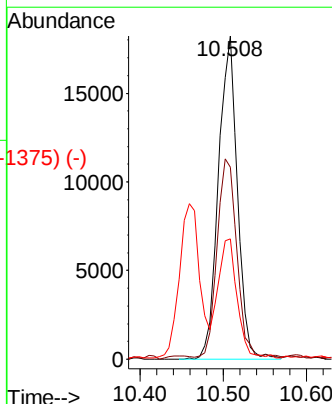
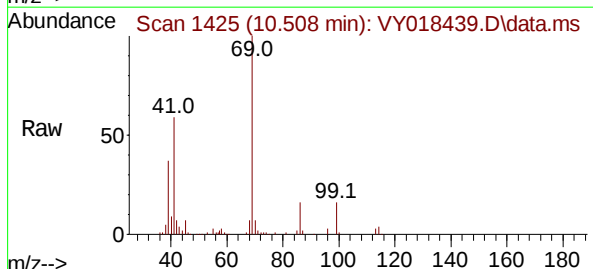
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

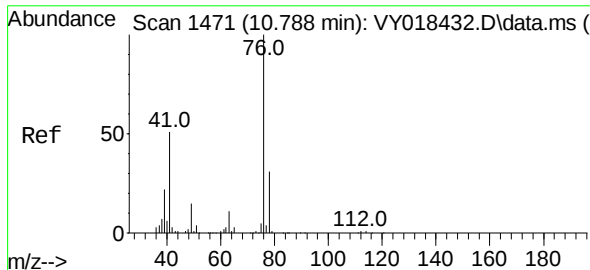
Tgt Ion:	97	Resp:	19818
Ion	Ratio	Lower	Upper
97	100		
83	80.5	67.5	101.3
85	50.6	42.9	64.3
99	53.5	46.6	70.0



Ethyl methacrylate
Concen: 23.256 ug/l
RT: 10.508 min Scan# 1425
Delta R.T. 0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	69	Resp:	29268
Ion	Ratio	Lower	Upper
69	100		
41	64.0	42.3	63.5#
39	37.2	22.9	34.3#

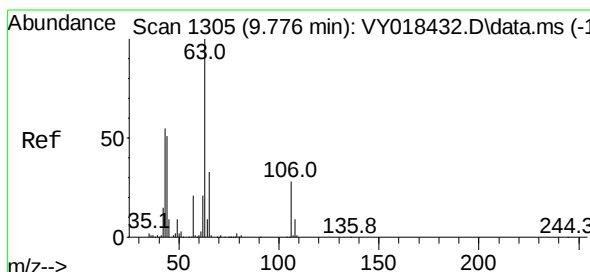
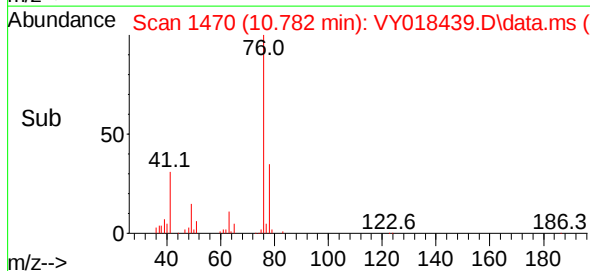
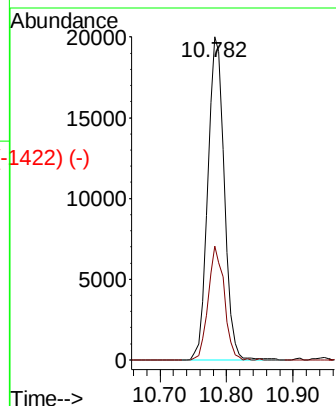
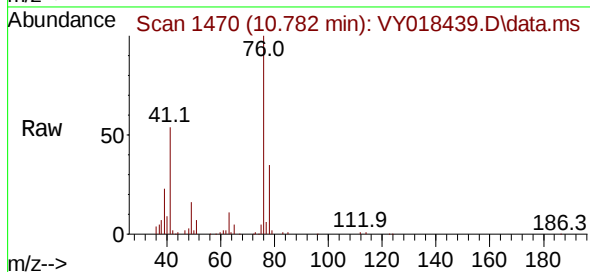




1,3-Dichloropropane
Concen: 22.587 ug/l
RT: 10.782 min Scan# 1458
Delta R.T. -0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

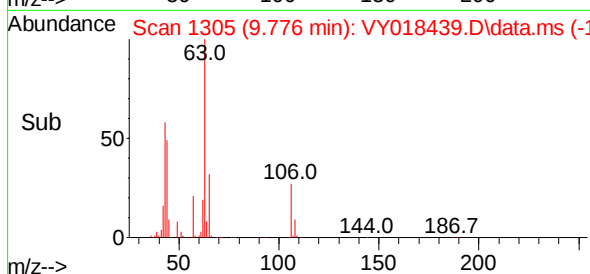
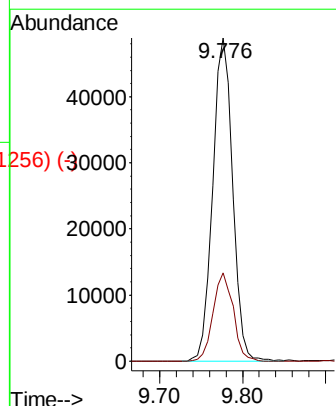
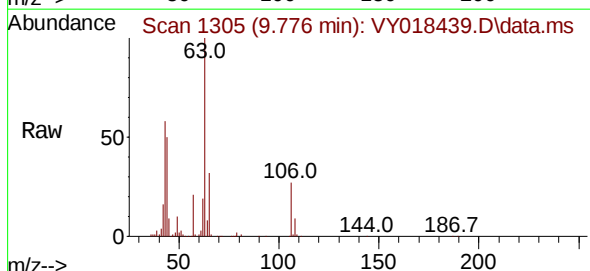
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

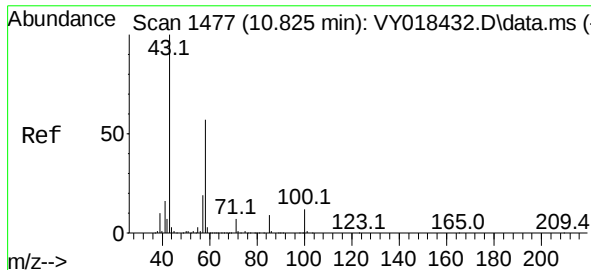
Tgt Ion: 76 Resp: 34293
Ion Ratio Lower Upper
76 100
78 34.2 26.2 39.4



2-Chloroethyl Vinyl ether
Concen: 120.450 ug/l
RT: 9.776 min Scan# 1305
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion: 63 Resp: 81403
Ion Ratio Lower Upper
63 100
106 27.6 23.7 35.5

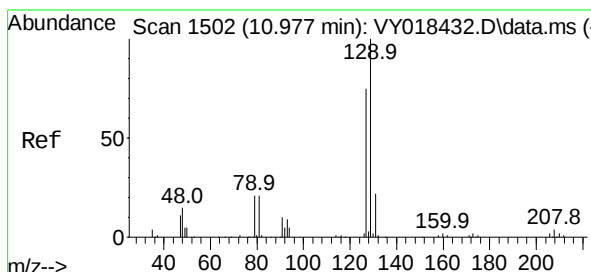
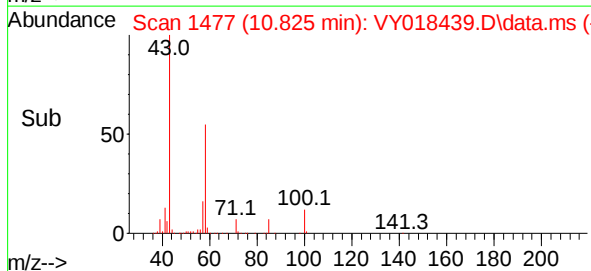
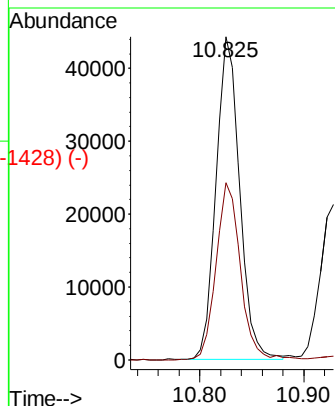
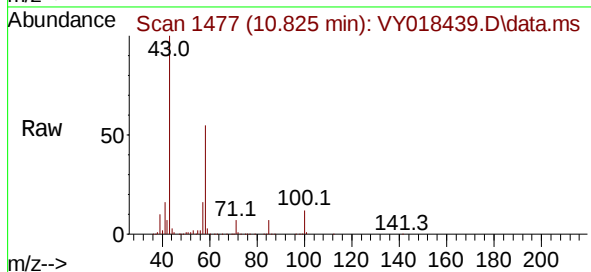




2-Hexanone
Concen: 120.040 ug/l
RT: 10.825 min Scan# 1477
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

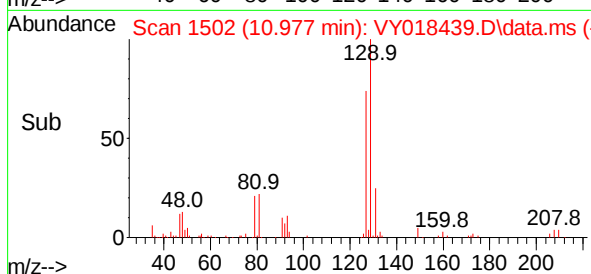
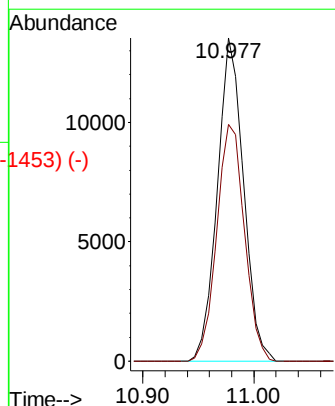
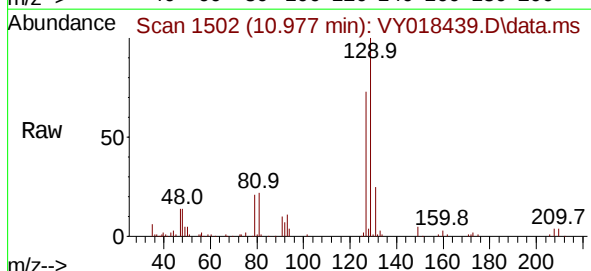
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

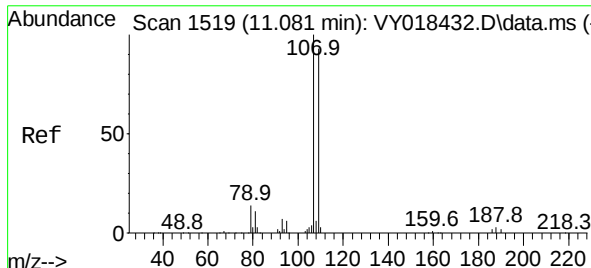
Tgt Ion: 43 Resp: 70401
Ion Ratio Lower Upper
43 100
58 56.8 31.4 94.0



Dibromochloromethane
Concen: 20.385 ug/l
RT: 10.977 min Scan# 1502
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:129 Resp: 22273
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0





1,2-Dibromoethane

Concen: 21.699 ug/l

RT: 11.081 min Scan# 1519

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

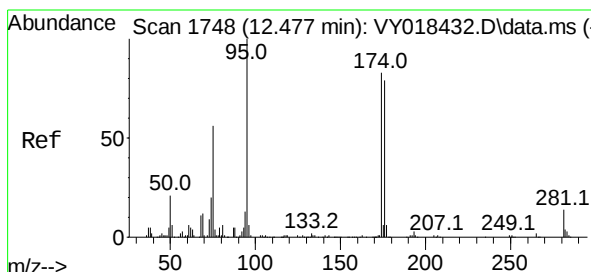
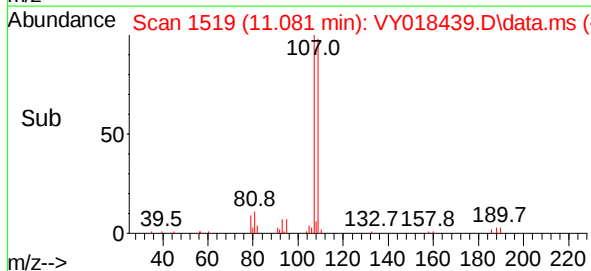
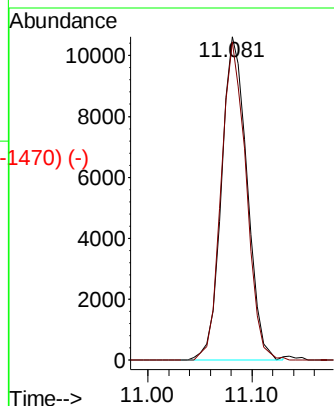
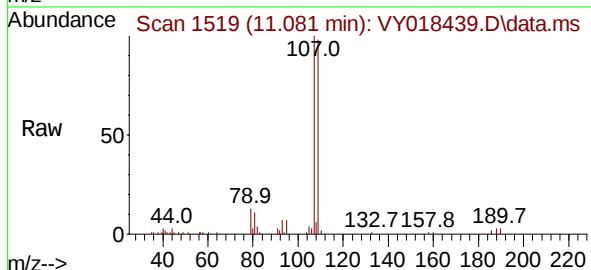
VY0603SBS01

Tgt Ion:107 Resp: 18274

Ion Ratio Lower Upper

107 100

109 96.2 75.9 113.9



4-Bromofluorobenzene

Concen: 46.133 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

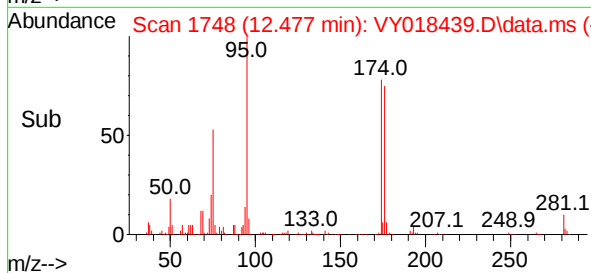
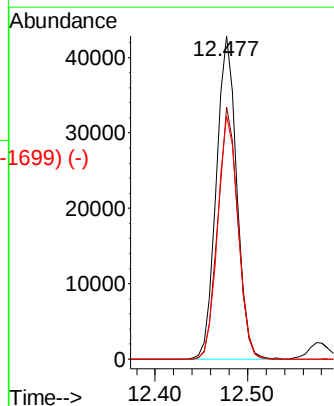
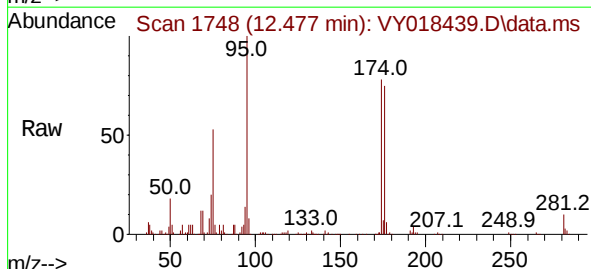
Tgt Ion: 95 Resp: 65573

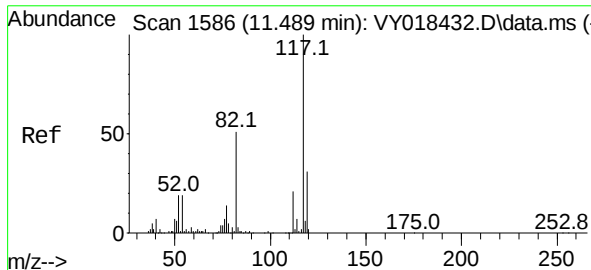
Ion Ratio Lower Upper

95 100

174 77.1 0.0 175.6

176 75.2 0.0 171.4

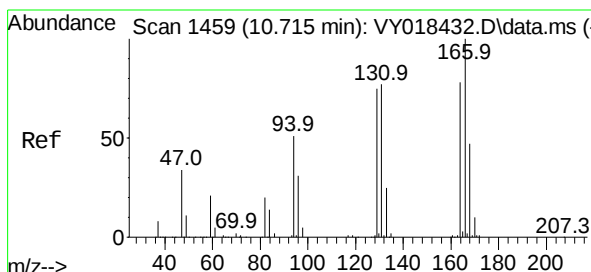
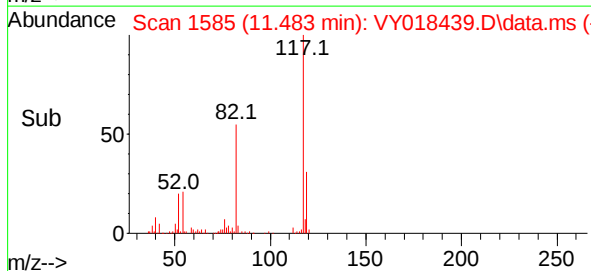
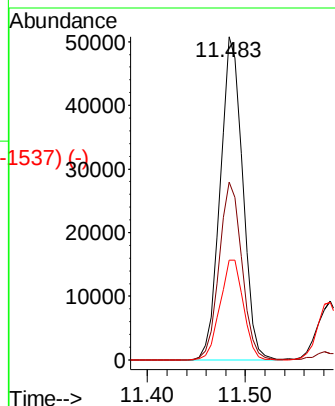
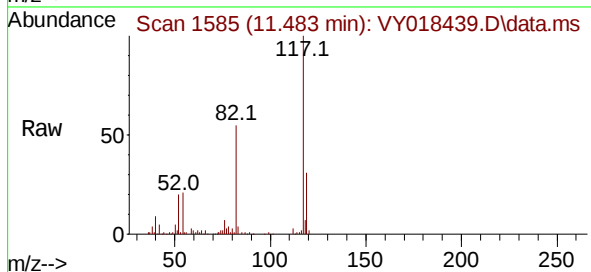




Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 1586
Delta R.T. -0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

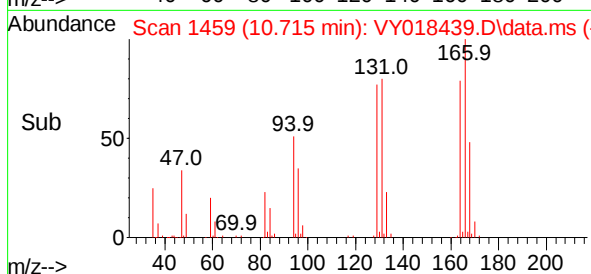
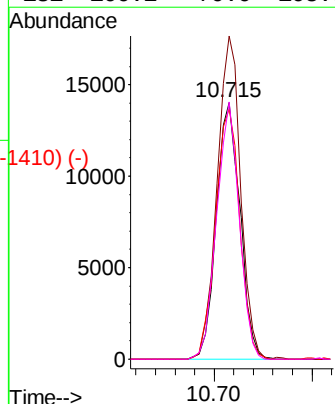
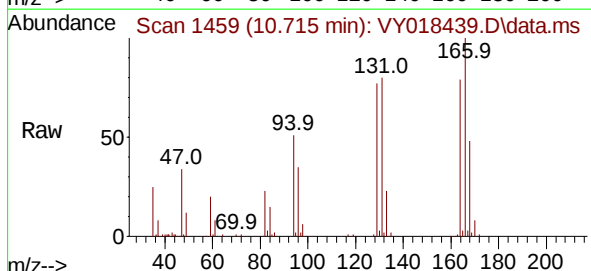
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:	117	Resp:	80824
Ion	Ratio	Lower	Upper
117	100		
82	55.0	42.4	63.6
119	30.9	25.9	38.9



Tetrachloroethene
Concen: 19.725 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	164	Resp:	23483
Ion	Ratio	Lower	Upper
164	100		
166	125.9	102.6	154.0
129	97.4	72.0	108.0
131	100.2	70.0	105.0



Abundance Scan 1590 (11.514 min): VY018432.D\data.ms (-1541) (-)

Chlorobenzene

Concen: 20.441 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

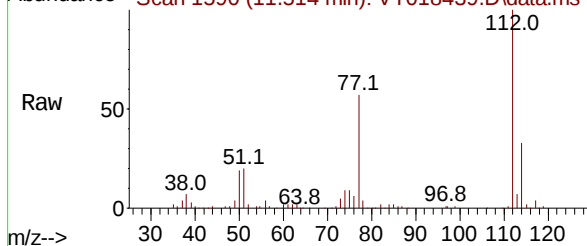
Tgt Ion:112 Resp: 70851

Ion Ratio Lower Upper

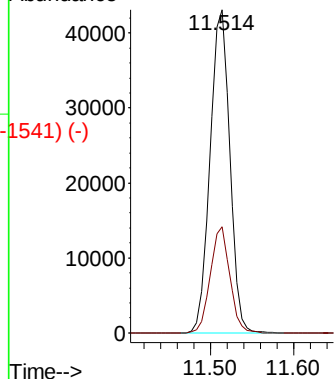
112 100

114 32.9 26.4 39.6

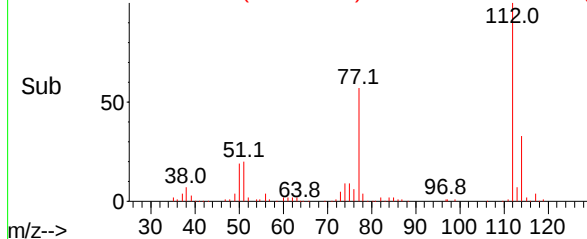
Abundance Scan 1590 (11.514 min): VY018439.D\data.ms



Abundance



Abundance Scan 1590 (11.514 min): VY018439.D\data.ms (-1541) (-)



Abundance Scan 1602 (11.587 min): VY018432.D\data.ms (-1553) (-)

1,1,1,2-Tetrachloroethane

Concen: 20.044 ug/l

RT: 11.587 min Scan# 1602

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Tgt Ion:131 Resp: 22464

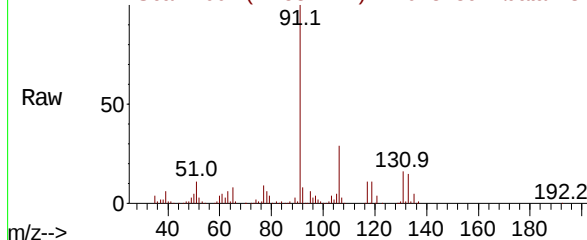
Ion Ratio Lower Upper

131 100

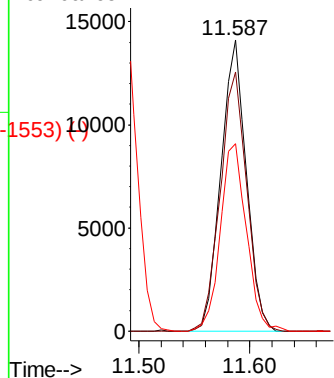
133 93.0 47.8 143.3

119 66.1 34.1 102.2

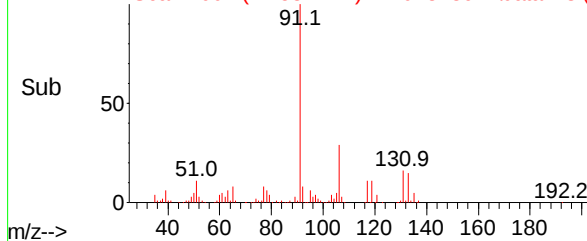
Abundance Scan 1602 (11.587 min): VY018439.D\data.ms

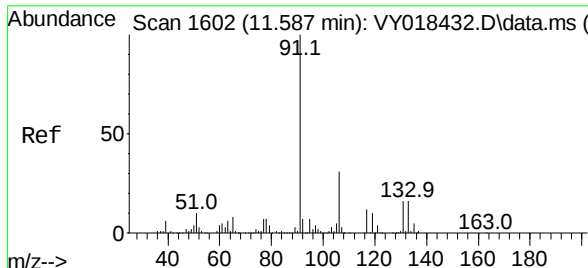


Abundance



Abundance Scan 1602 (11.587 min): VY018439.D\data.ms (-1553) (-)

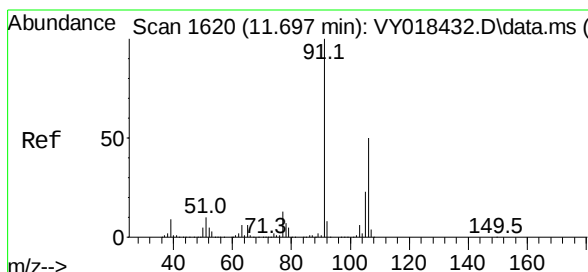
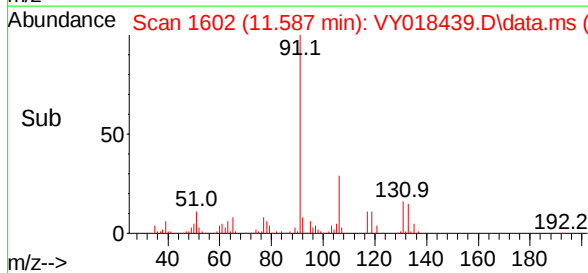
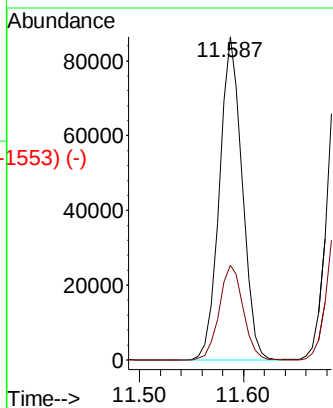
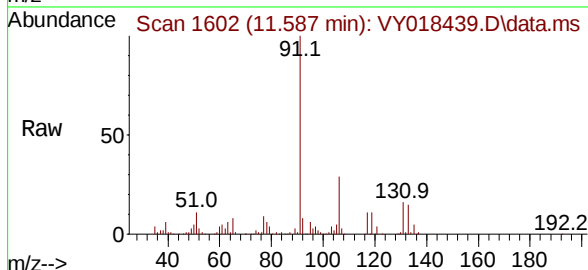




Ethyl Benzene
 Concen: 21.007 ug/l
 RT: 11.587 min Scan# 1602
 Delta R.T. -0.000 min
 Lab File: VY018439.D
 Acq: 03 Jun 2024 14:36

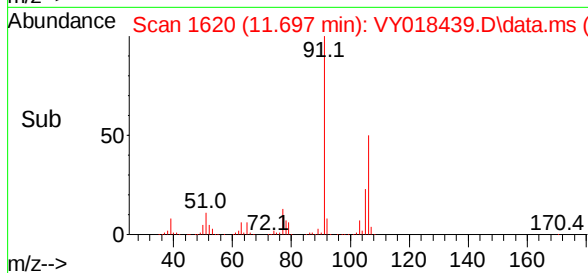
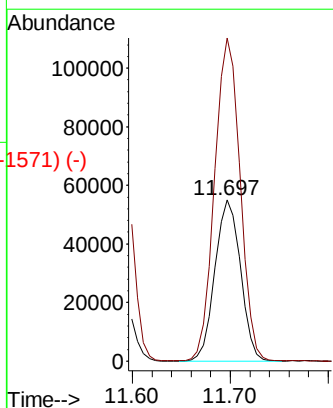
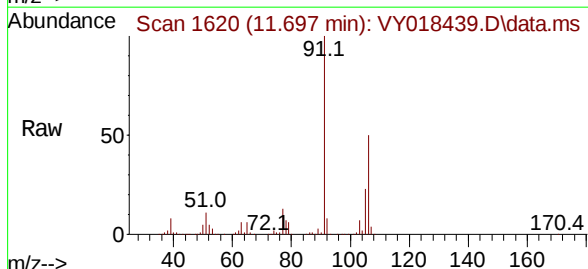
Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0603SBS01

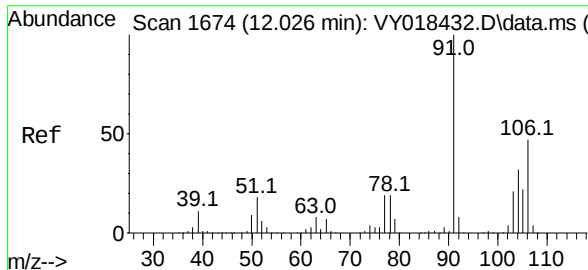
Tgt Ion: 91 Resp: 132528
 Ion Ratio Lower Upper
 91 100
 106 29.4 24.5 36.7



m/p-Xylenes
 Concen: 42.042 ug/l
 RT: 11.697 min Scan# 1620
 Delta R.T. -0.000 min
 Lab File: VY018439.D
 Acq: 03 Jun 2024 14:36

Tgt Ion:106 Resp: 99872
 Ion Ratio Lower Upper
 106 100
 91 200.0 156.0 234.0

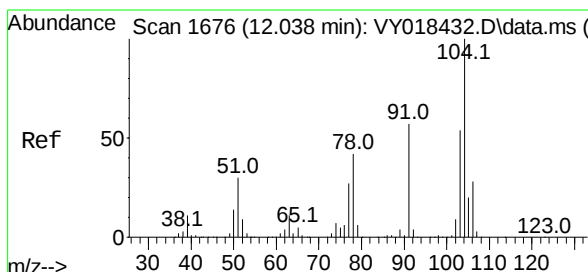
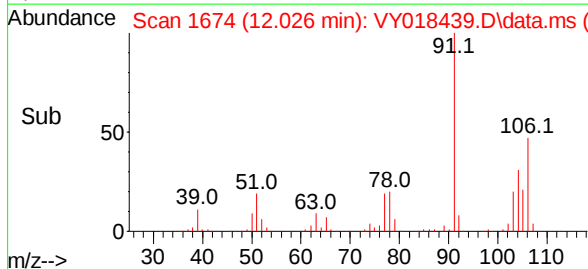
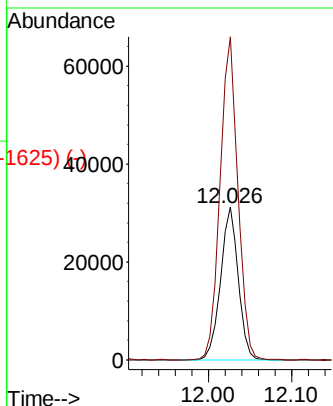
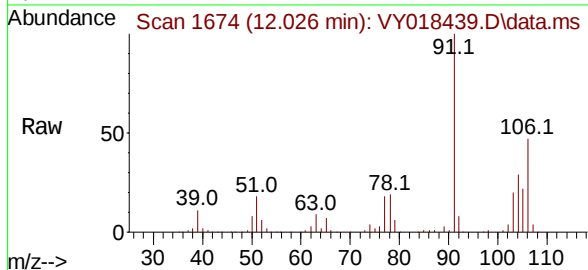




Scan 1674 (12.026 min): VY018432.D\data.ms (-1669)
 o-Xylene
 Concen: 20.451 ug/l
 RT: 12.026 min Scan# 1674
 Delta R.T. -0.000 min
 Lab File: VY018439.D
 Acq: 03 Jun 2024 14:36

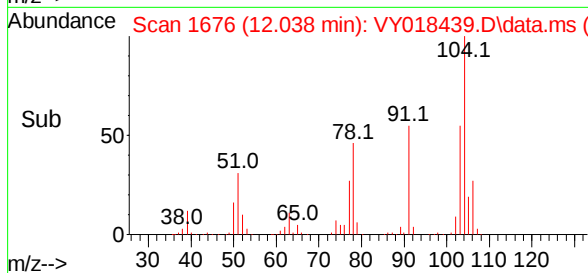
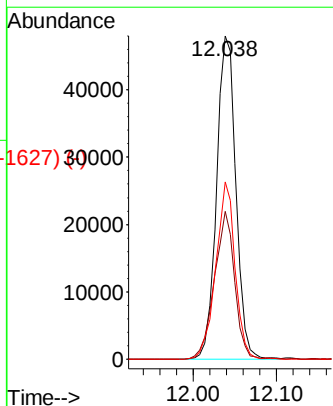
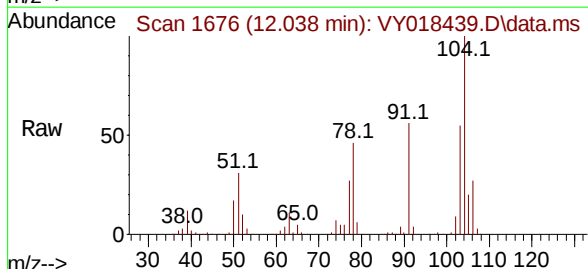
Instrument : MSVOA_Y
 ClientSampleId : VY0603SBS01

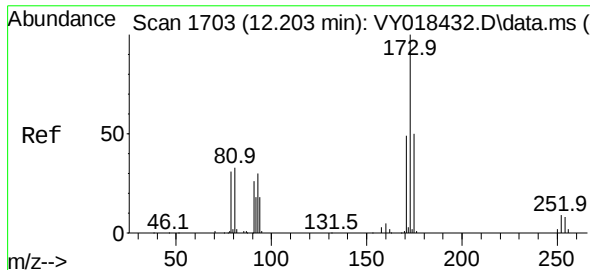
Tgt Ion:106 Resp: 46768
 Ion Ratio Lower Upper
 106 100
 91 213.1 103.6 310.8



Scan 1676 (12.038 min): VY018432.D\data.ms (-1679)
 Styrene
 Concen: 20.917 ug/l
 RT: 12.038 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: VY018439.D
 Acq: 03 Jun 2024 14:36

Tgt Ion:104 Resp: 78152
 Ion Ratio Lower Upper
 104 100
 78 47.6 37.0 55.4
 103 54.7 44.2 66.2

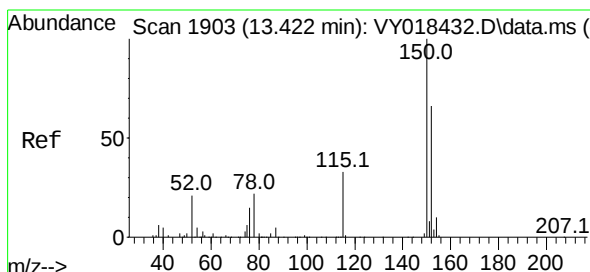
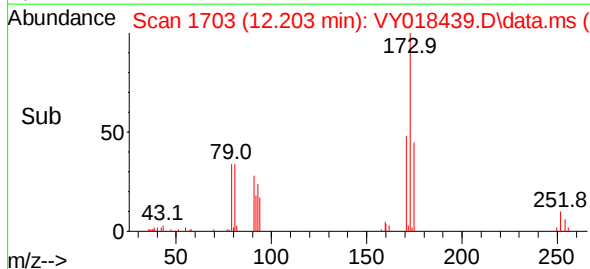
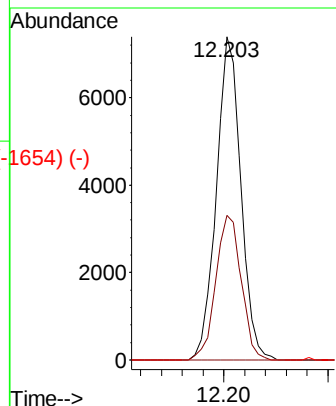
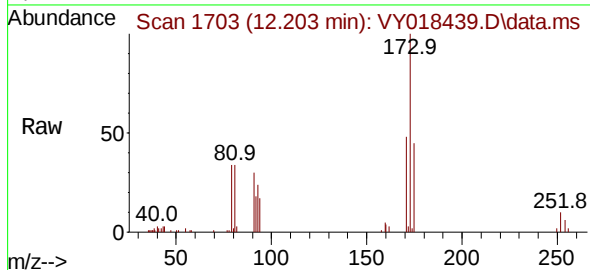




Bromoform
Concen: 20.599 ug/l
RT: 12.203 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

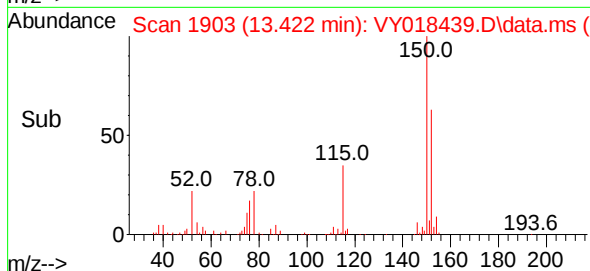
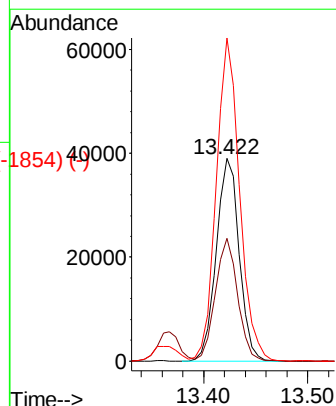
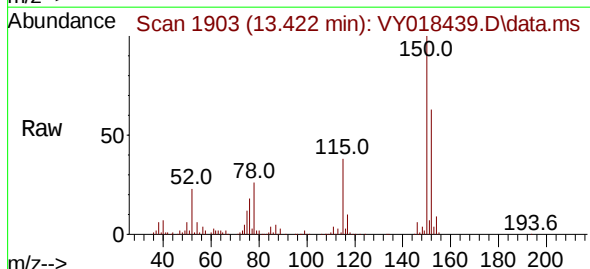
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

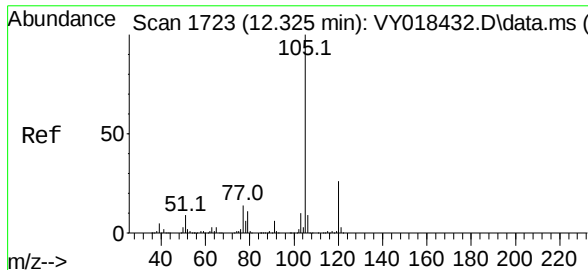
Tgt Ion:	173	Resp:	12162
Ion	Ratio	Lower	Upper
173	100		
175	46.5	25.1	75.3
254	0.0	0.0	0.0



1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	152	Resp:	59948
Ion	Ratio	Lower	Upper
152	100		
115	59.0	28.2	84.7
150	162.7	0.0	345.6





Isopropylbenzene

Concen: 20.225 ug/l

RT: 12.325 min Scan# 1723

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

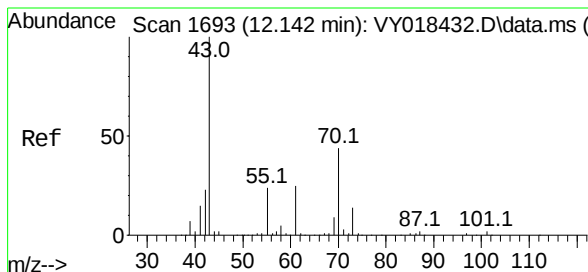
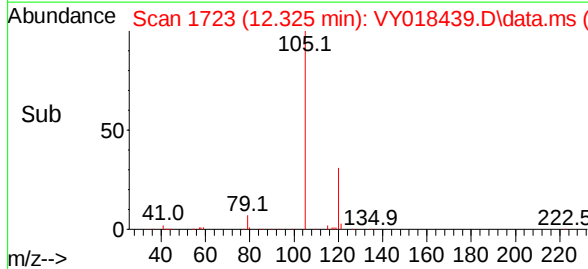
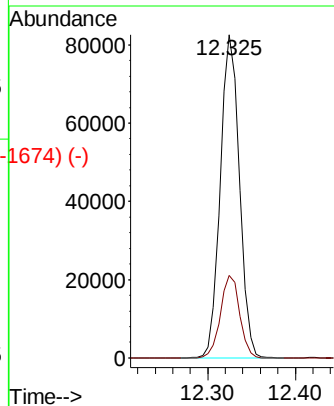
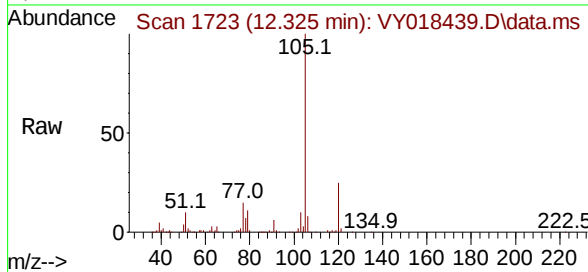
VY0603SBS01

Tgt Ion:105 Resp: 125118

Ion Ratio Lower Upper

105 100

120 25.6 13.4 40.1



N-ethyl acetate

Concen: 22.184 ug/l

RT: 12.142 min Scan# 1693

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Tgt Ion: 43 Resp: 33404

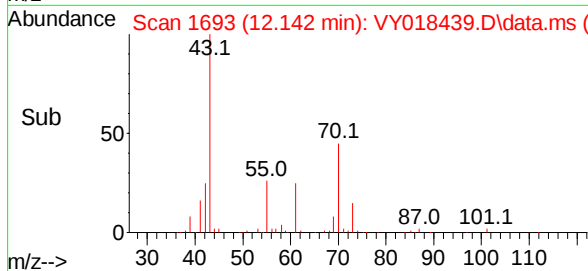
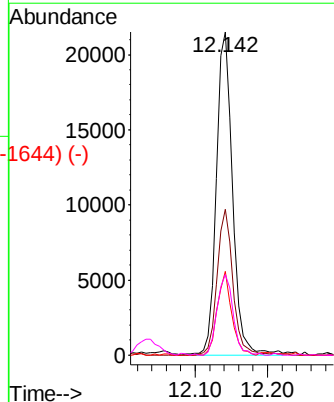
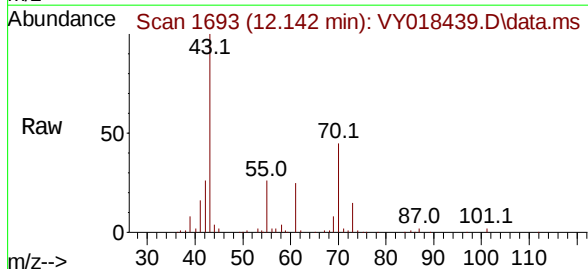
Ion Ratio Lower Upper

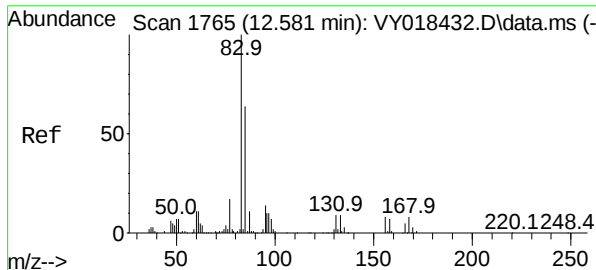
43 100

70 43.9 41.4 62.2

55 23.0 23.3 34.9#

61 24.6 22.6 33.8

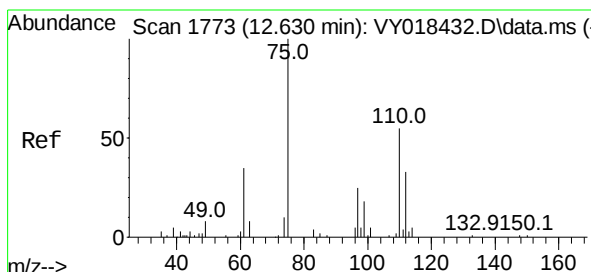
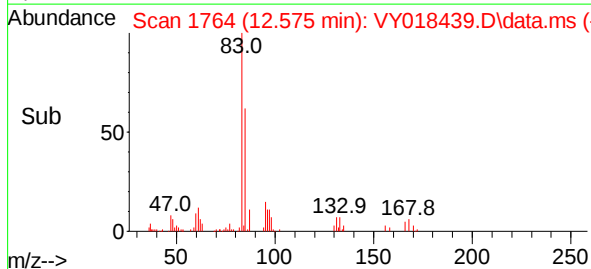
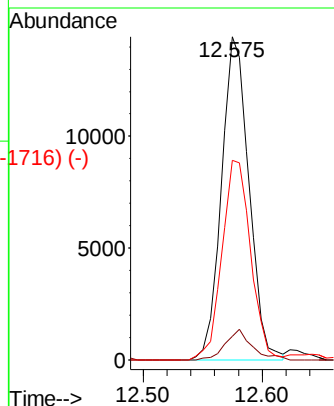
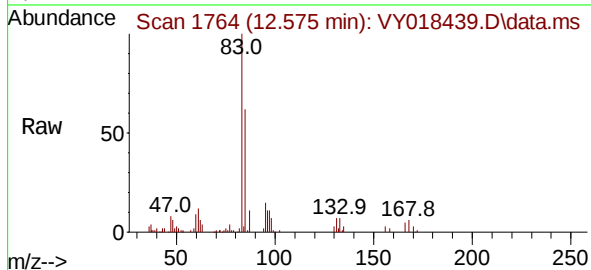




1,1,2,2-Tetrachloroethane
Concen: 21.360 ug/l
RT: 12.575 min Scan# 1765
Delta R.T. -0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

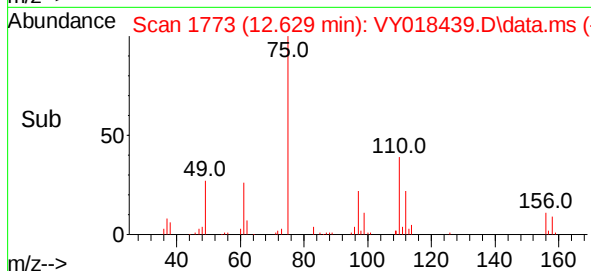
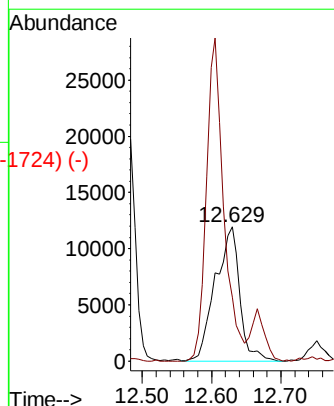
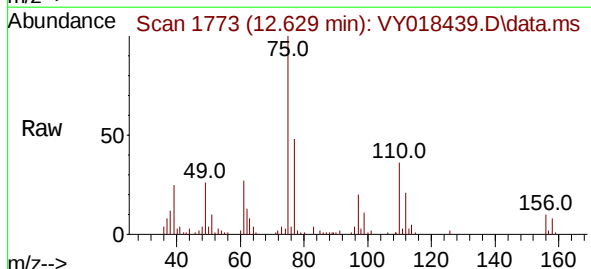
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

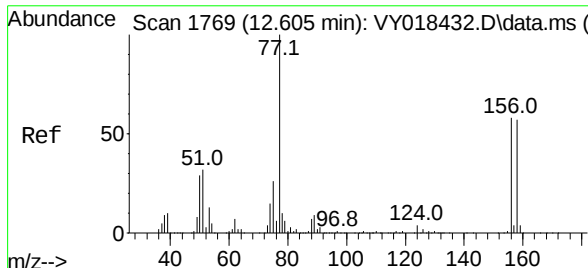
Tgt Ion:	83	Resp:	23261
Ion	Ratio	Lower	Upper
83	100		
131	9.1	5.0	14.9
85	64.4	32.0	96.0



1,2,3-Trichloropropane
Concen: 39.265 ug/l
RT: 12.629 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	75	Resp:	29188
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

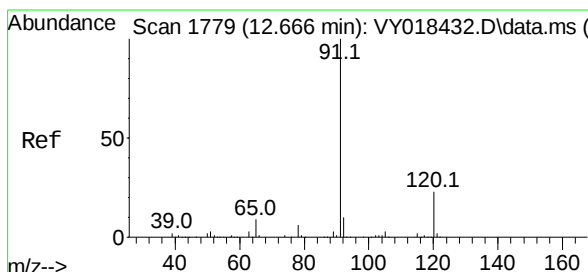
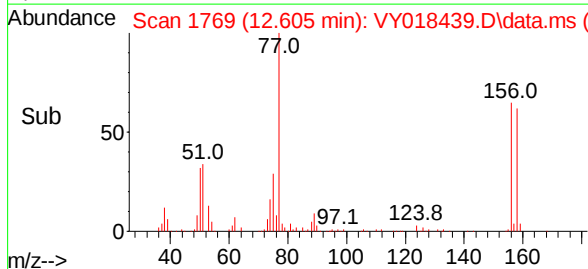
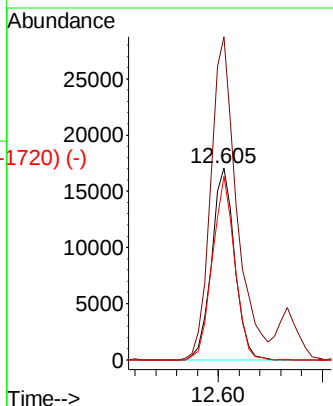
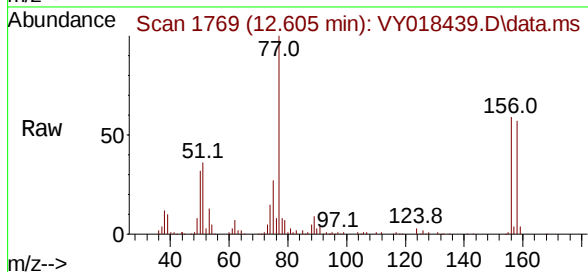




Scan 1769 (12.605 min): VY018432.D\data.ms (-1760) (-)
 Bromobenzene
 Concen: 20.019 ug/l
 RT: 12.605 min Scan# 1769
 Delta R.T. -0.000 min
 Lab File: VY018439.D
 Acq: 03 Jun 2024 14:36

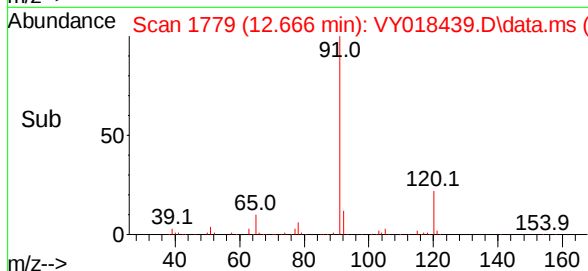
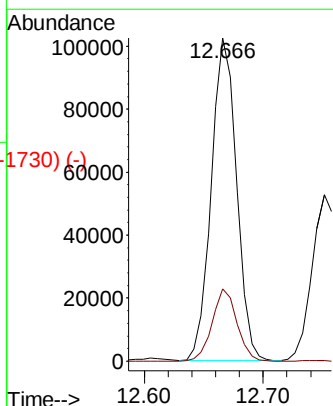
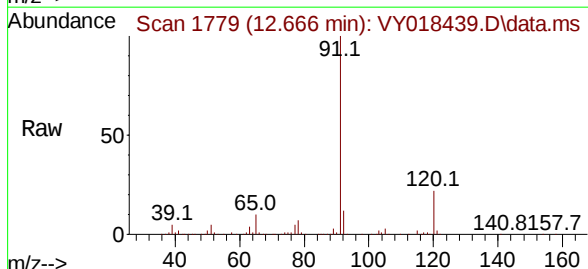
Instrument : MSVOA_Y
 ClientSampleId : VY0603SBS01

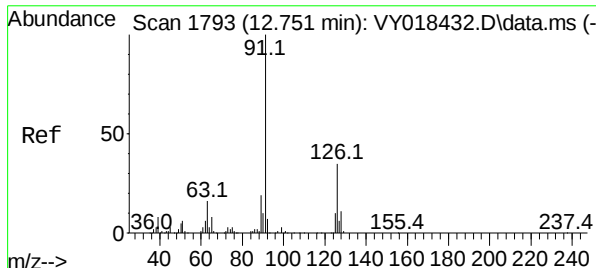
Tgt Ion:	156	Resp:	26295
Ion	Ratio	Lower	Upper
156	100		
77	190.6	87.1	261.3
158	93.0	48.6	145.9



Scan 1779 (12.666 min): VY018432.D\data.ms (-1778) (-)
 n-propylbenzene
 Concen: 20.373 ug/l
 RT: 12.666 min Scan# 1779
 Delta R.T. -0.000 min
 Lab File: VY018439.D
 Acq: 03 Jun 2024 14:36

Tgt Ion:	91	Resp:	151265
Ion	Ratio	Lower	Upper
91	100		
120	21.7	11.5	34.4

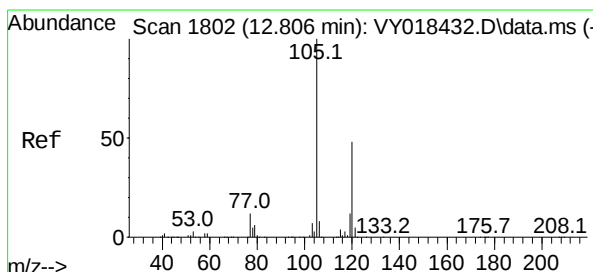
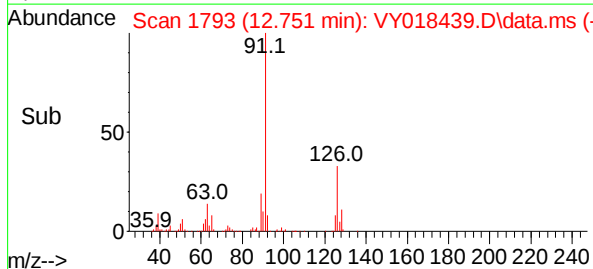
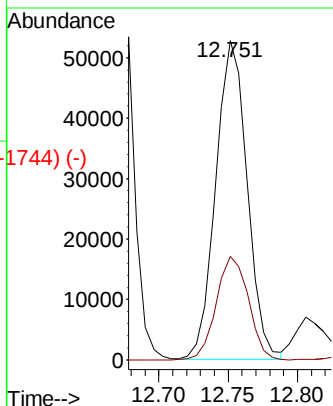
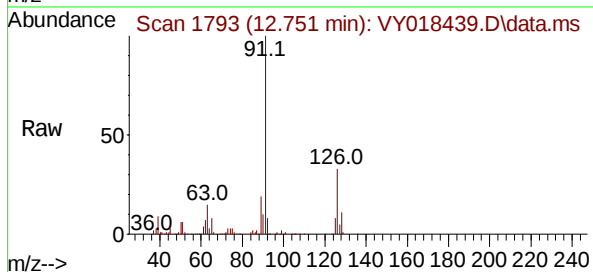




2-Chlorotoluene
Concen: 20.555 ug/l
RT: 12.751 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

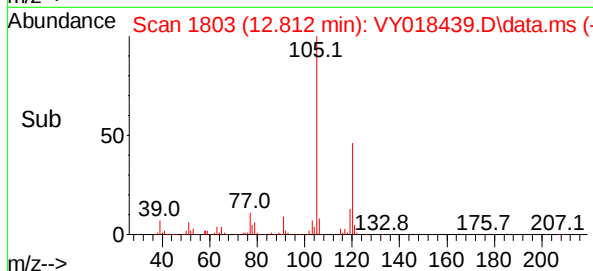
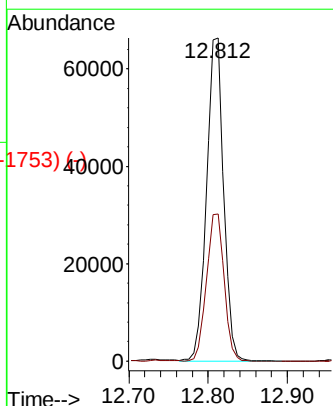
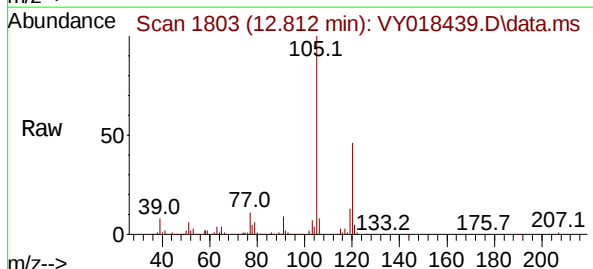
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion: 91 Resp: 82968
Ion Ratio Lower Upper
91 100
126 33.1 17.8 53.5



1,3,5-Trimethylbenzene
Concen: 20.622 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

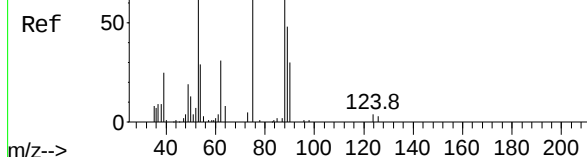
Tgt Ion: 105 Resp: 99359
Ion Ratio Lower Upper
105 100
120 47.0 25.1 75.2



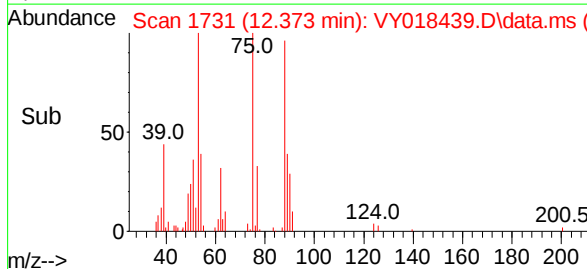
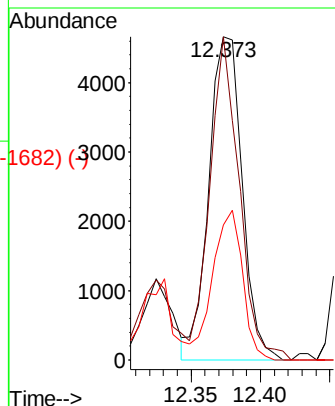
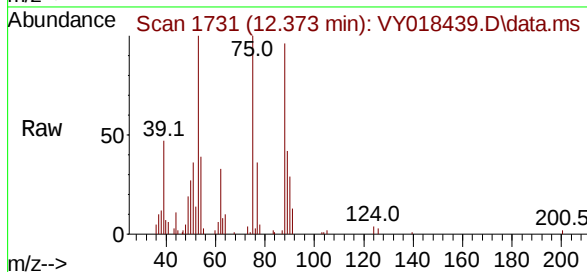
Abundance Scan 1731 (12.373 min): VY018432.D\data.ms (-1781) (-)

trans-1,4-Dichloro-2-butene
Concen: 21.960 ug/l
RT: 12.373 min Scan# 1731
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01



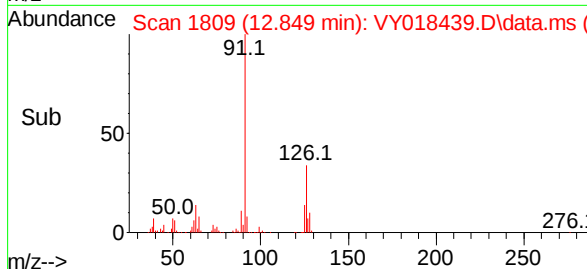
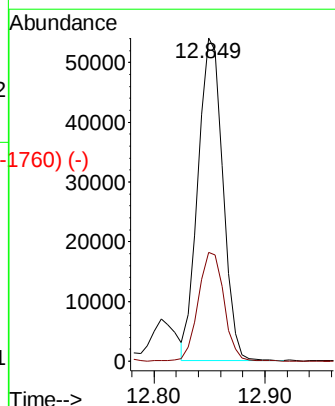
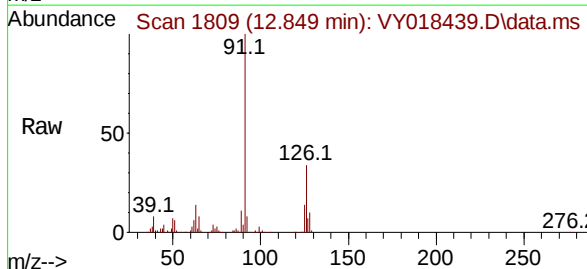
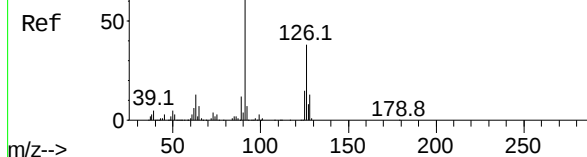
Tgt Ion:	75	Resp:	7770
Ion	Ratio	Lower	Upper
75	100		
53	87.6	66.8	100.2
89	41.4	35.8	53.6

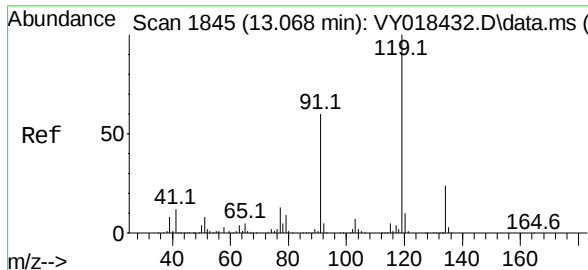


Abundance Scan 1809 (12.849 min): VY018432.D\data.ms (-1782) (-)

4-Chlorotoluene
Concen: 20.684 ug/l
RT: 12.849 min Scan# 1809
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	91	Resp:	84015
Ion	Ratio	Lower	Upper
91	100		
126	34.9	17.6	52.9

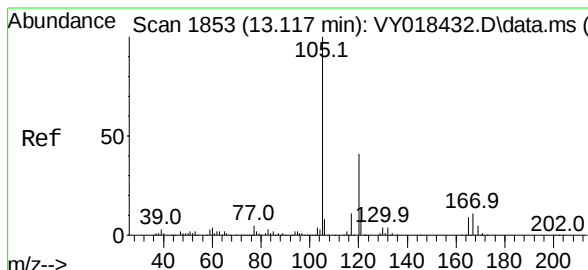
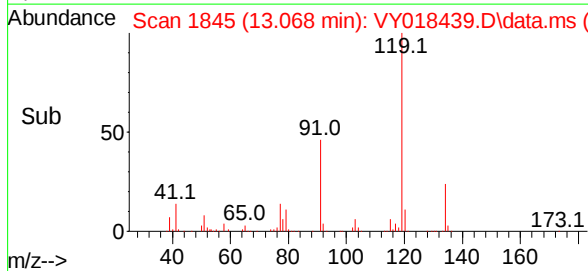
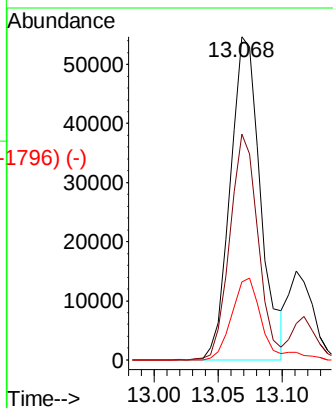
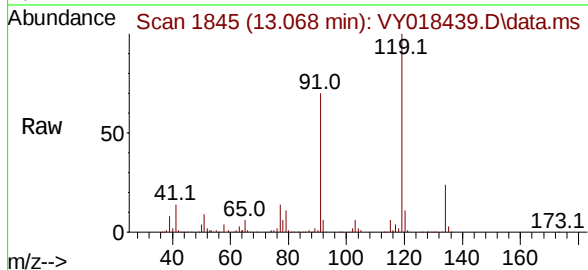




tert-Butylbenzene
Concen: 20.140 ug/l
RT: 13.068 min Scan# 1833
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

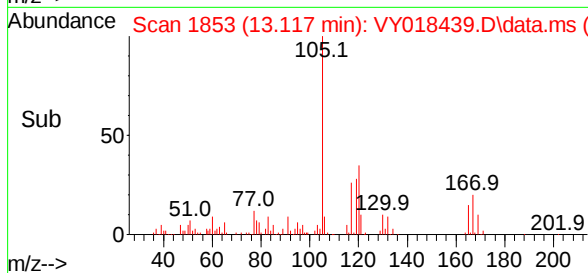
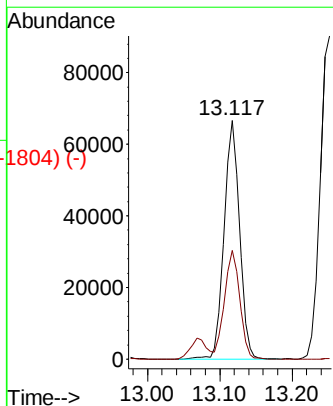
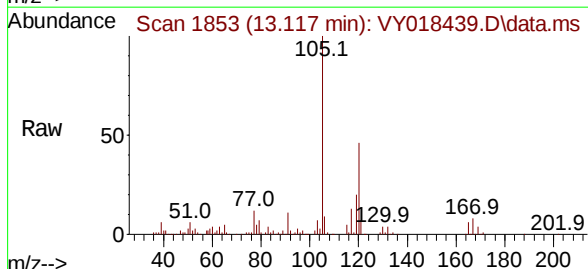
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:	119	Resp:	89729
Ion	Ratio	Lower	Upper
119	100		
91	65.2	31.3	93.8
134	25.7	13.4	40.1

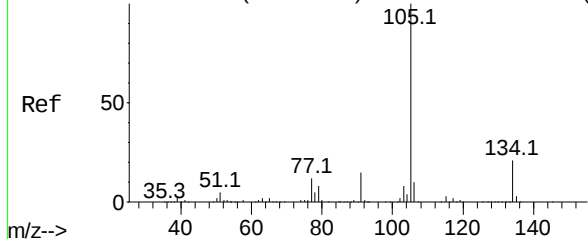


1,2,4-Trimethylbenzene
Concen: 20.740 ug/l
RT: 13.117 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	105	Resp:	97832
Ion	Ratio	Lower	Upper
105	100		
120	44.9	23.2	69.6



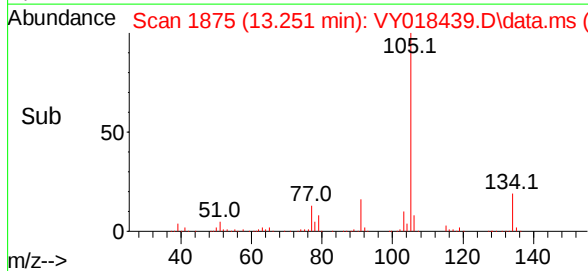
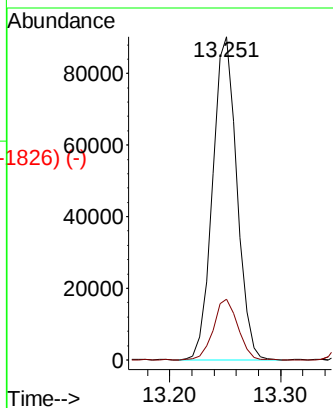
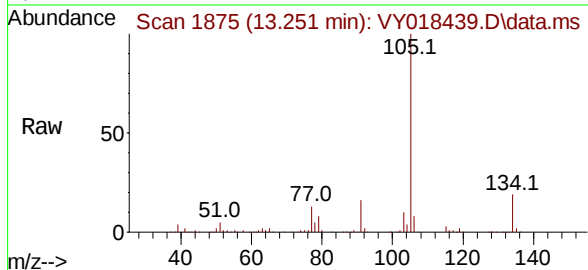
Abundance Scan 1875 (13.251 min): VY018432.D\data.ms (-1885) (-)



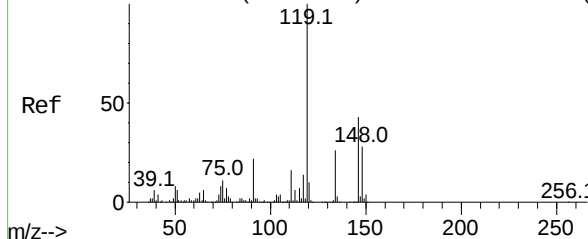
sec-Butylbenzene
Concen: 20.908 ug/l
RT: 13.251 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:105 Resp: 137187
Ion Ratio Lower Upper
105 100
134 19.0 10.1 30.1

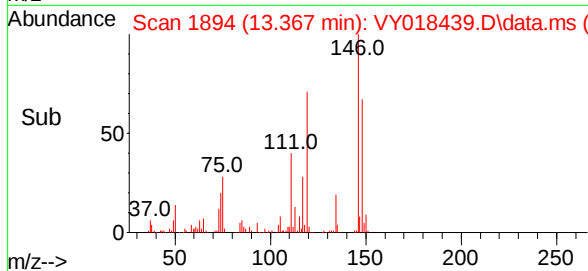
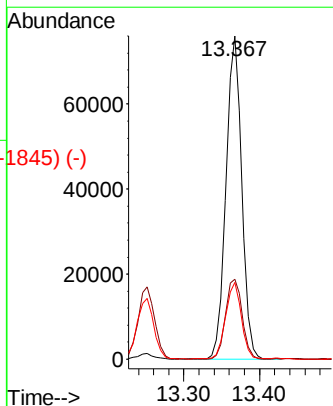
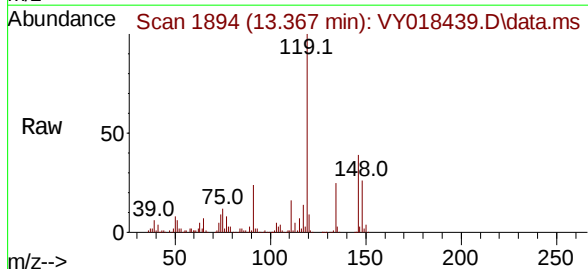


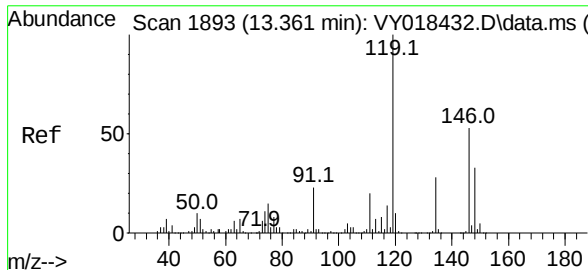
Abundance Scan 1894 (13.367 min): VY018432.D\data.ms (-1886) (-)



p-Isopropyltoluene
Concen: 20.761 ug/l
RT: 13.367 min Scan# 1894
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:119 Resp: 109941
Ion Ratio Lower Upper
119 100
134 25.9 13.1 39.3
91 23.6 10.7 32.1

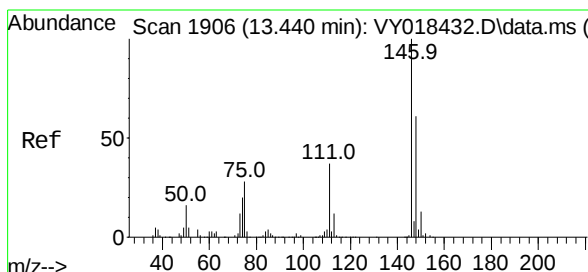
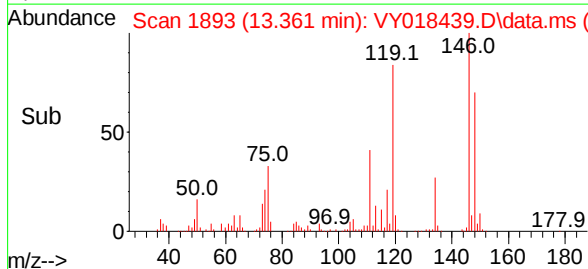
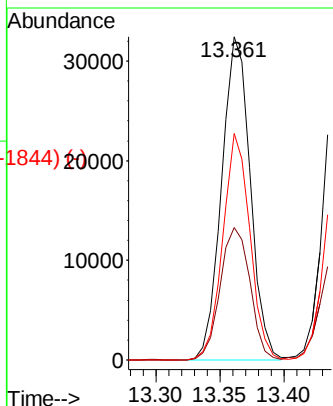
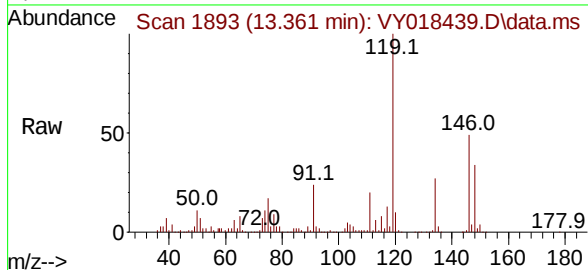




1,3-Dichlorobenzene
Concen: 19.389 ug/l
RT: 13.361 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

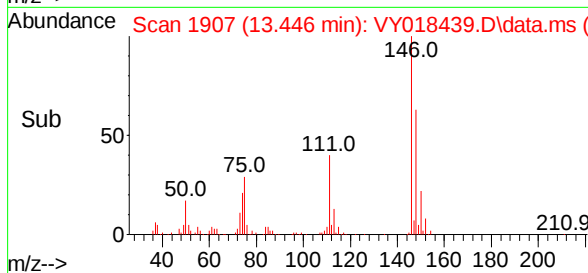
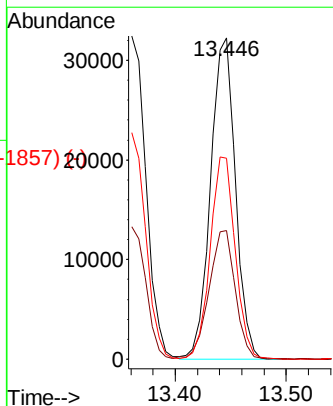
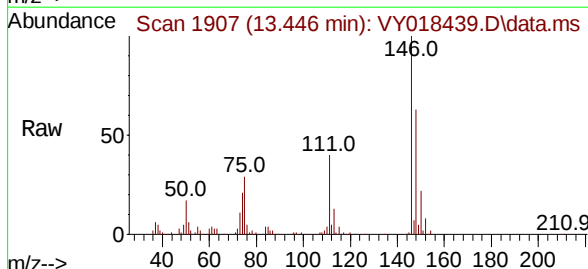
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

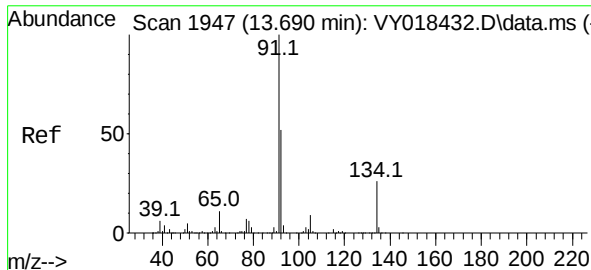
Tgt Ion:	146	Resp:	50236
Ion	Ratio	Lower	Upper
146	100		
111	42.6	19.0	57.0
148	66.4	31.7	95.1



1,4-Dichlorobenzene
Concen: 19.793 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	146	Resp:	50381
Ion	Ratio	Lower	Upper
146	100		
111	41.8	18.4	55.4
148	63.4	32.4	97.2

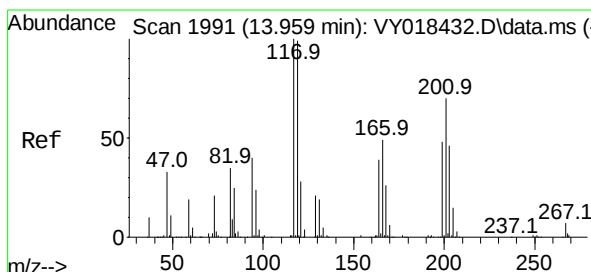
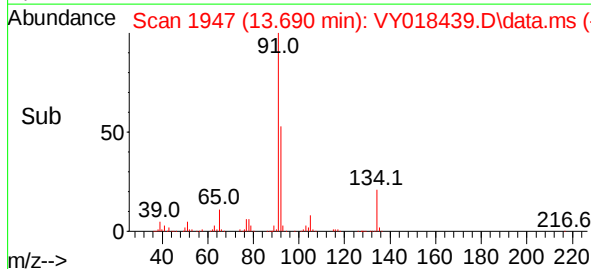
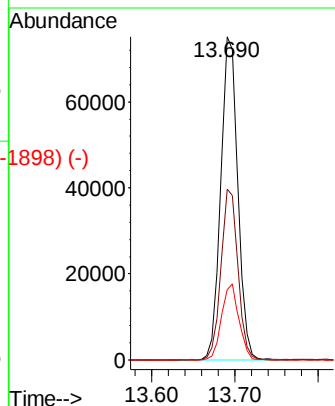
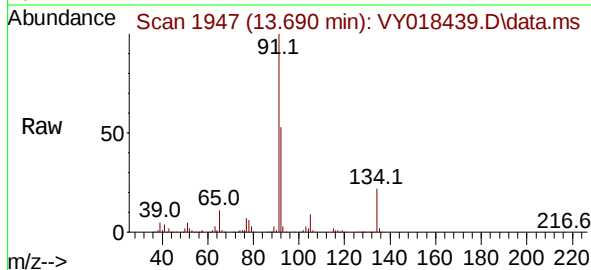




n-Butylbenzene
Concen: 21.541 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

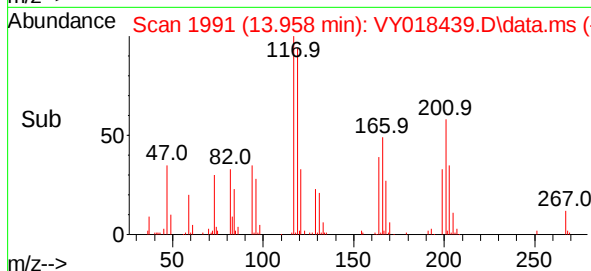
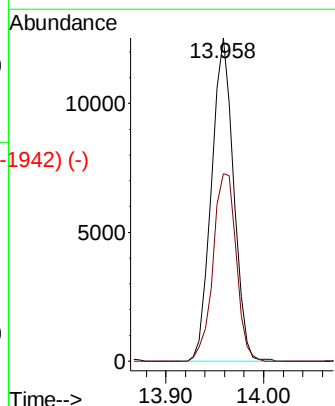
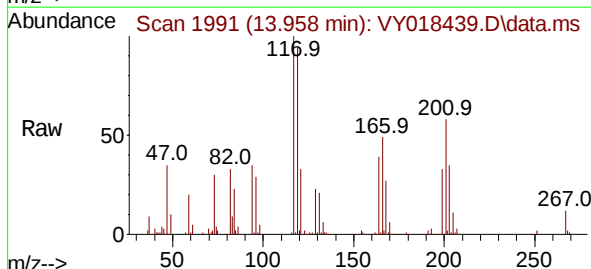
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:	91	Resp:	108400
Ion	Ratio	Lower	Upper
91	100		
92	52.6	26.6	79.7
134	23.9	12.9	38.7



Hexachloroethane
Concen: 19.816 ug/l
RT: 13.958 min Scan# 1991
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	117	Resp:	19669
Ion	Ratio	Lower	Upper
117	100		
201	60.9	37.4	112.2



Abundance Scan 1954 (13.733 min): VY018432.D\data.ms (-1905) (-)

1,2-Dichlorobenzene

Concen: 20.230 ug/l

RT: 13.739 min Scan# 1954

Delta R.T. 0.006 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Instrument :

MSVOA_Y

ClientSampleId :

VY0603SBS01

Tgt Ion:146 Resp: 45611

Ion Ratio Lower Upper

146 100

111 41.3 19.9 59.7

148 63.8 31.8 95.4

Abundance Scan 1955 (13.739 min): VY018439.D\data.ms

Ref

50.0 75.0 93.8 111.0 146.0

m/z-->

Raw

50.0 75.0 92.1 111.0 128.8 146.0

m/z-->

Abundance Scan 1955 (13.739 min): VY018439.D\data.ms (-1905) (-)

Sub

39.1 56.1 85.9 111.0 128.8 146.0

m/z-->

Abundance

13.739

25000

20000

15000

10000

5000

0

Time-->

Abundance Scan 2055 (14.349 min): VY018432.D\data.ms (-2006) (-)

1,2-Dibromo-3-Chloropropane

Concen: 21.501 ug/l

RT: 14.349 min Scan# 2055

Delta R.T. -0.000 min

Lab File: VY018439.D

Acq: 03 Jun 2024 14:36

Tgt Ion: 75 Resp: 3563

Ion Ratio Lower Upper

75 100

155 72.1 48.6 145.8

157 93.5 62.7 188.2

Abundance Scan 2055 (14.349 min): VY018439.D\data.ms

Ref

39.0 75.0 119.0 156.9 184.8 219.1

m/z-->

Raw

39.0 75.0 119.0 156.9 207.1

m/z-->

Abundance Scan 2055 (14.349 min): VY018439.D\data.ms (-2006) (-)

Sub

39.0 75.0 119.0 156.9 207.1

m/z-->

Abundance

14.349

2000

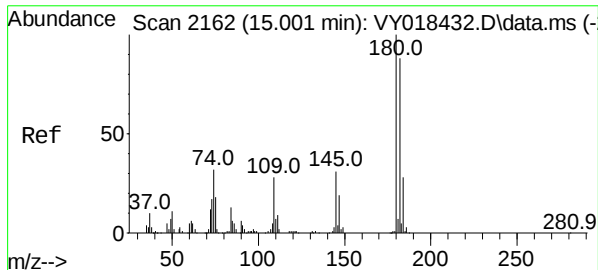
1500

1000

500

0

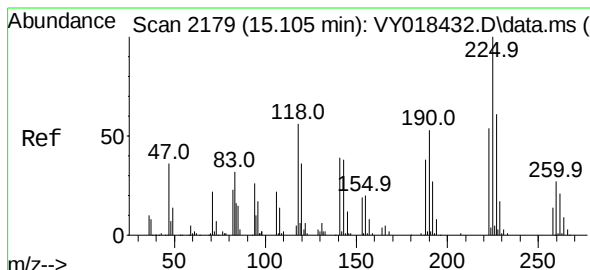
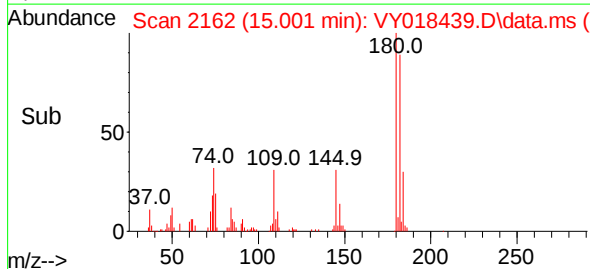
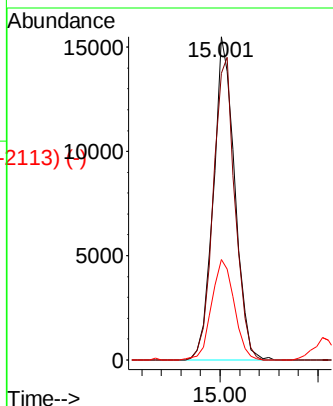
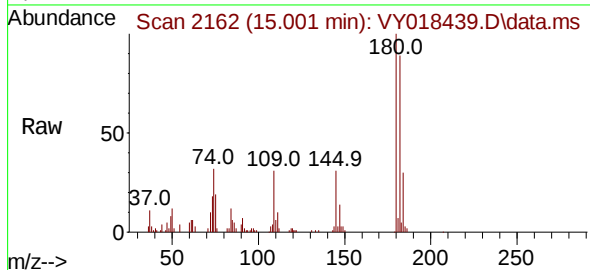
Time-->



1,2,4-Trichlorobenzene
Concen: 19.272 ug/l
RT: 15.001 min Scan# 2183
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

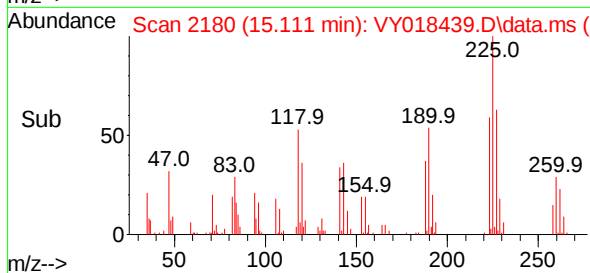
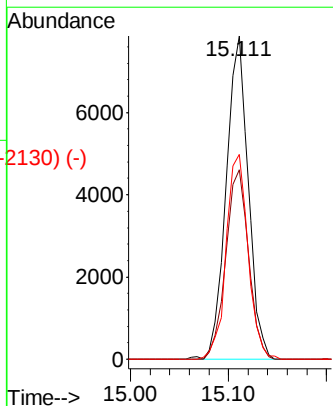
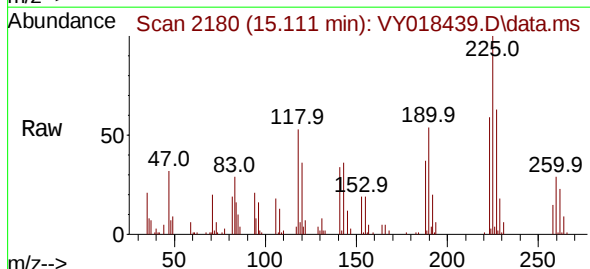
Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

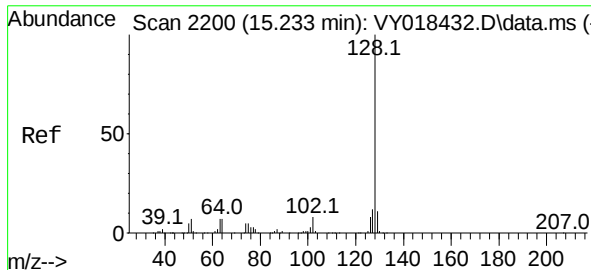
Tgt Ion:	180	Resp:	23499
Ion	Ratio	Lower	Upper
180	100		
182	95.3	47.9	143.8
145	33.1	14.2	42.6



Hexachlorobutadiene
Concen: 19.063 ug/l
RT: 15.111 min Scan# 2180
Delta R.T. 0.006 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	225	Resp:	12345
Ion	Ratio	Lower	Upper
225	100		
223	60.6	30.4	91.2
227	62.9	31.9	95.9

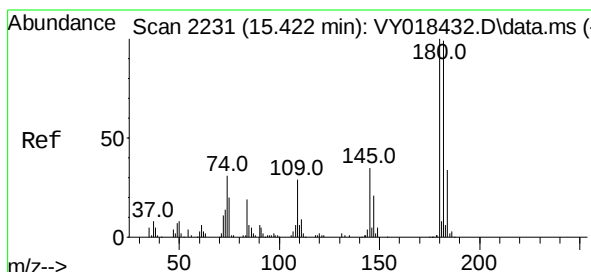
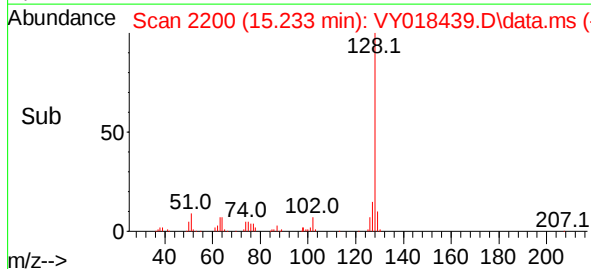
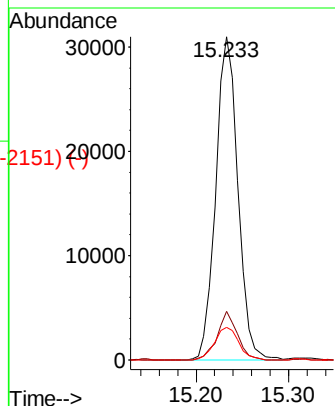
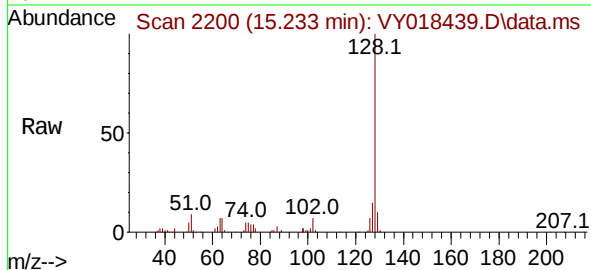




Naphthalene
Concen: 20.955 ug/l
RT: 15.233 min Scan# 2200
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Instrument :
MSVOA_Y
ClientSampleId :
VY0603SBS01

Tgt Ion:	128	Resp:	51317
Ion	Ratio	Lower	Upper
128	100		
127	13.7	10.6	16.0
129	11.0	8.6	13.0



1,2,3-Trichlorobenzene
Concen: 19.178 ug/l
RT: 15.422 min Scan# 2231
Delta R.T. -0.000 min
Lab File: VY018439.D
Acq: 03 Jun 2024 14:36

Tgt Ion:	180	Resp:	19786
Ion	Ratio	Lower	Upper
180	100		
182	102.5	47.6	142.9
145	35.1	15.4	46.1

