

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060324\
 Data File : VY018443.D
 Acq On : 03 Jun 2024 16:15
 Operator : SY/MD
 Sample : P2680-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR2520258

Quant Time: Jun 04 05:42:33 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	1548	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	2572	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	1576	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	1042	34.276	ug/l	0.00
Spiked Amount 50.000	Range 50	- 163	Recovery	=	68.560%	
35) Dibromofluoromethane	7.704	113	1104	33.850	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	67.700%	
50) Toluene-d8	10.179	98	2783	21.449	ug/l	0.00
Spiked Amount 50.000	Range 58	- 134	Recovery	=	42.900%#	
62) 4-Bromofluorobenzene	12.471	95	376	9.307	ug/l	0.00
Spiked Amount 50.000	Range 30	- 143	Recovery	=	18.620%#	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.028	85	44	1.790	ug/l	# 43
3) Chloromethane	2.101	50	326	7.110	ug/l	# 43
5) Bromomethane	2.668	94	53	1.449	ug/l	# 25
8) Diethyl Ether	3.259	74	22	1.289	ug/l	# 86
9) 1,1,2-Trichlorotrifluo...	3.784	101	56	1.695	ug/l	# 19
10) Methyl Iodide	4.082	142	126	3.883	ug/l	# 60
11) Tert butyl alcohol	4.930	59	27	Below Cal	#	88
13) Acrolein	3.704	56	79	25.388	ug/l	# 15
14) Allyl chloride	4.485	41	62	1.304	ug/l	# 1
15) Acrylonitrile	5.131	53	78	9.990	ug/l	# 66
16) Acetone	3.954	43	194	28.752	ug/l	# 36
18) Methyl Acetate	4.454	43	84	4.978	ug/l	# 46
20) Methylene Chloride	4.698	84	161	1.408	ug/l	# 63
21) trans-1,2-Dichloroethene	5.174	96	52	1.500	ug/l	# 1
23) Vinyl Acetate	6.064	43	103	1.634	ug/l	# 67
24) 1,1-Dichloroethane	5.966	63	72	1.192	ug/l	# 80
25) 2-Butanone	6.966	43	65	6.288	ug/l	# 41
28) Bromochloromethane	7.332	49	33	1.187	ug/l	# 6
29) Tetrahydrofuran	7.338	42	46	6.852	ug/l	# 26
37) Ethyl Acetate	7.051	43	192	7.728	ug/l	# 67
41) Methacrylonitrile	7.301	41	38	3.145	ug/l	# 10
42) 1,2-Dichloroethane	8.143	62	63	1.739	ug/l	# 71
46) Dibromomethane	9.496	93	25	1.280	ug/l	# 1
48) Methyl methacrylate	9.307	41	45	2.106	ug/l	# 1
49) 1,4-Dioxane	9.240	88	29	113.033	ug/l	# 77
51) 4-Methyl-2-Pentanone	10.112	43	83	3.441	ug/l	# 31
53) t-1,3-Dichloropropene	10.459	75	45	1.045	ug/l	# 45
54) cis-1,3-Dichloropropene	9.984	75	104	1.961	ug/l	# 40
56) Ethyl methacrylate	10.496	69	42	1.174	ug/l	# 1
57) 1,3-Dichloropropane	10.660	76	84	1.947	ug/l	# 42
58) 2-Chloroethyl Vinyl ether	9.813	63	84	4.373	ug/l	# 45
59) 2-Hexanone	10.697	43	62	3.720	ug/l	# 67
64) Tetrachloroethene	10.898	164	25	1.077	ug/l	# 1
74) N-amyl acetate	12.148	43	44	5.167	ug/l	# 37
75) 1,1,2,2-Tetrachloroethane	12.581	83	27	4.384	ug/l	# 26

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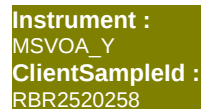
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

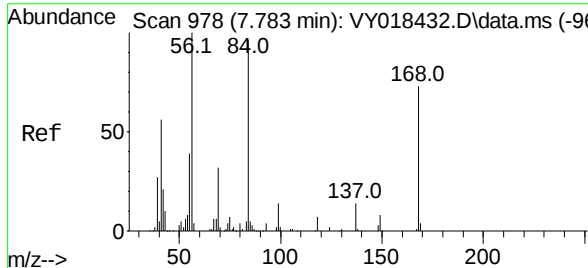
76) 1,2,3-Trichloropropane	12.684	75	48	11.419	ug/l #	100
78) n-propylbenzene	12.617	91	45	1.072	ug/l #	53
79) 2-Chlorotoluene	12.879	91	33	1.446	ug/l #	16
81) trans-1,4-Dichloro-2-b...	12.477	75	288	143.939	ug/l #	16
82) 4-Chlorotoluene	12.879	91	33	1.437	ug/l #	15
87) 1,3-Dichlorobenzene	13.623	146	40	2.730	ug/l #	25
88) 1,4-Dichlorobenzene	13.623	146	40	2.779	ug/l #	25
89) n-Butylbenzene	13.690	91	30	1.054	ug/l #	33
90) Hexachloroethane	13.861	117	19	3.385	ug/l #	12
91) 1,2-Dichlorobenzene	13.623	146	40	3.137	ug/l #	25
92) 1,2-Dibromo-3-Chloropr...	14.336	75	19	20.276	ug/l #	1
94) Hexachlorobutadiene	14.983	225	19	5.188	ug/l #	19
95) Naphthalene	15.397	128	22	1.589	ug/l #	69

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

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.777 min Scan# 1

Delta R.T. -0.006 min

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MSVOA_Y

ClientSampleId :

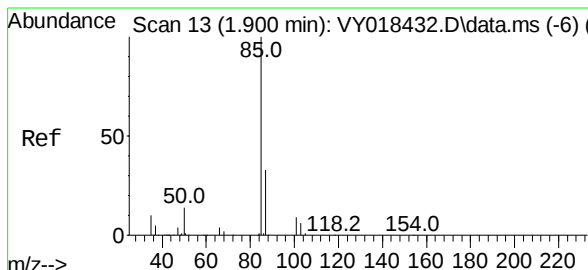
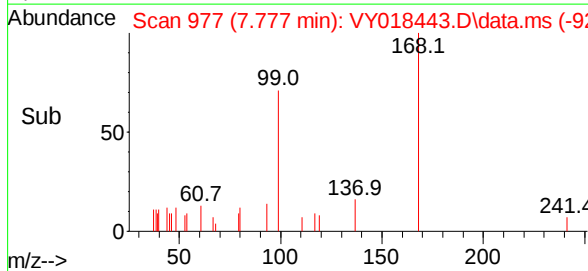
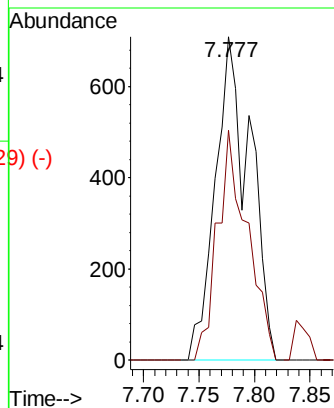
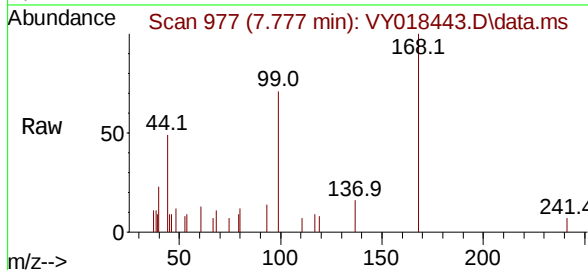
RBR2520258

Tgt Ion:168 Resp: 1548

Ion Ratio Lower Upper

168 100

99 71.1 39.1 58.7#



Dichlorodifluoromethane

Concen: 1.790 ug/l

RT: 2.028 min Scan# 34

Delta R.T. 0.128 min

Lab File: VY018443.D

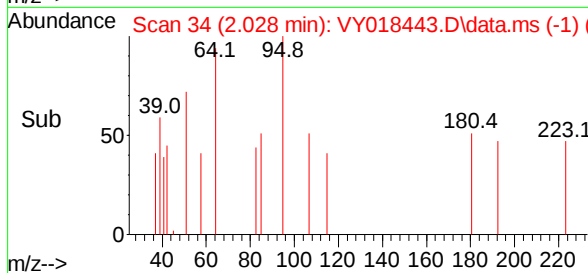
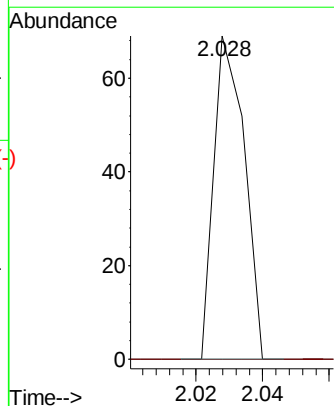
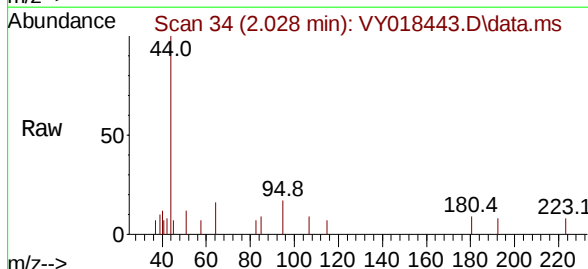
Acq: 03 Jun 2024 16:15

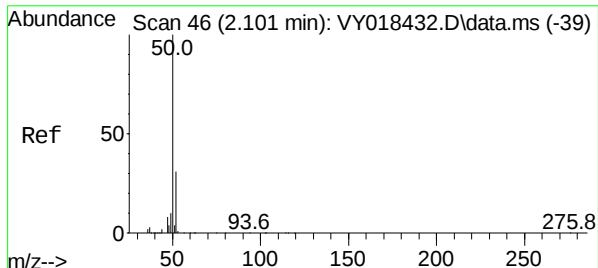
Tgt Ion: 85 Resp: 44

Ion Ratio Lower Upper

85 100

87 0.0 16.0 48.0#





Chloromethane

Concen: 7.110 ug/l

RT: 2.101 min Scan# 4

Delta R.T. 0.000 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

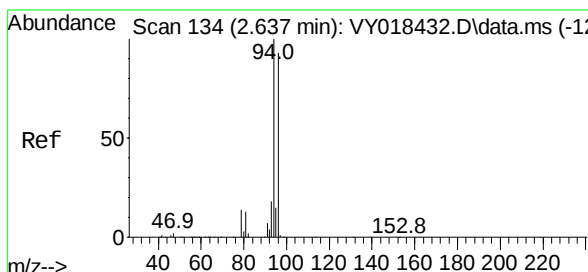
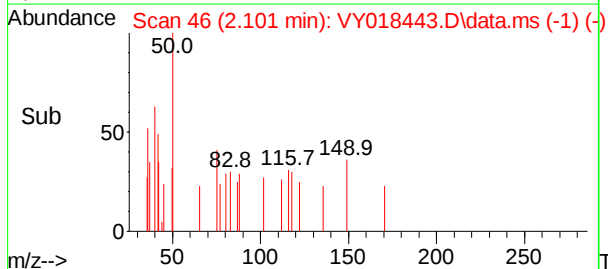
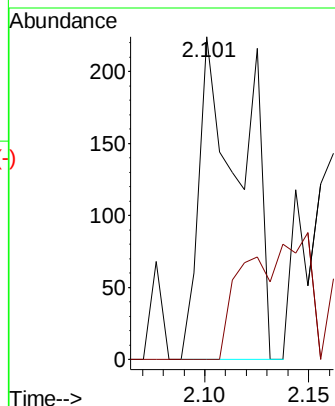
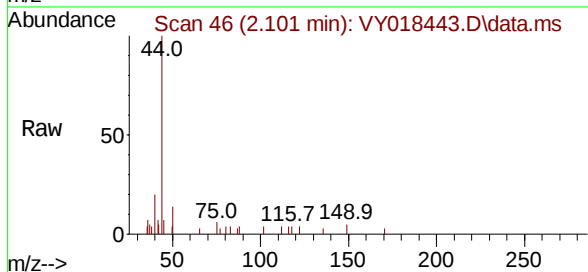
RBR2520258

Tgt Ion: 50 Resp: 326

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#



Bromomethane

Concen: 1.449 ug/l

RT: 2.668 min Scan# 139

Delta R.T. 0.030 min

Lab File: VY018443.D

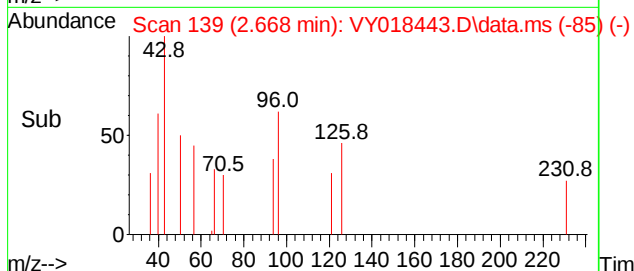
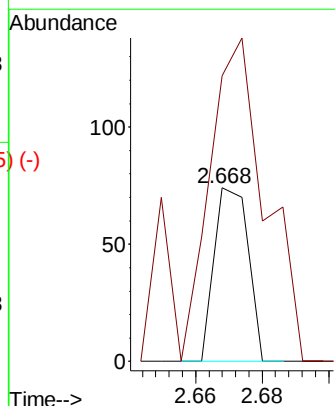
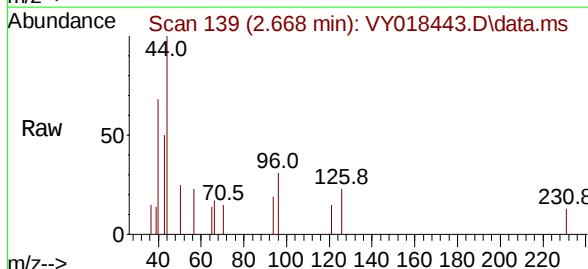
Acq: 03 Jun 2024 16:15

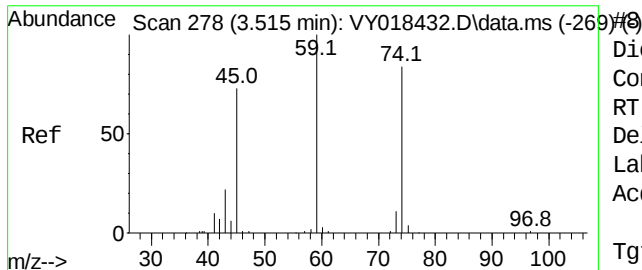
Tgt Ion: 94 Resp: 53

Ion Ratio Lower Upper

94 100

96 164.9 74.1 111.1#





Diethyl Ether

Concen: 1.289 ug/l

RT: 3.259 min Scan# 21

Delta R.T. -0.256 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

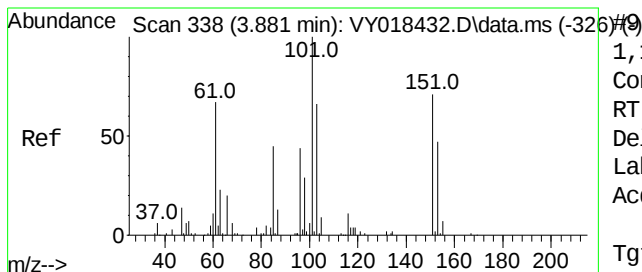
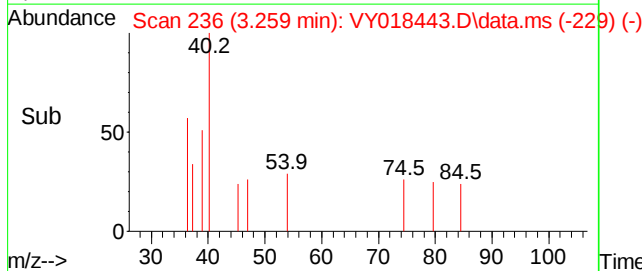
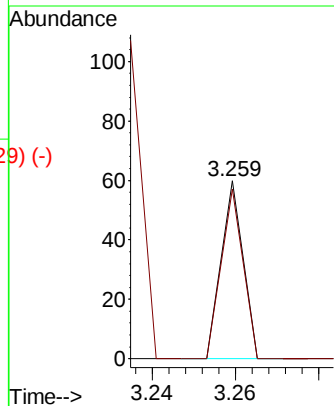
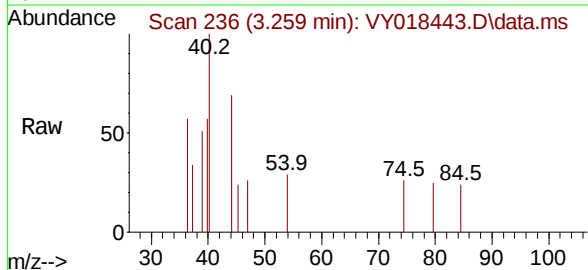
RBR2520258

Tgt Ion: 74 Resp: 22

Ion Ratio Lower Upper

74 100

45 95.5 41.3 124.1



1,1,2-Trichlorotrifluoroethane

Concen: 1.695 ug/l

RT: 3.784 min Scan# 322

Delta R.T. -0.098 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

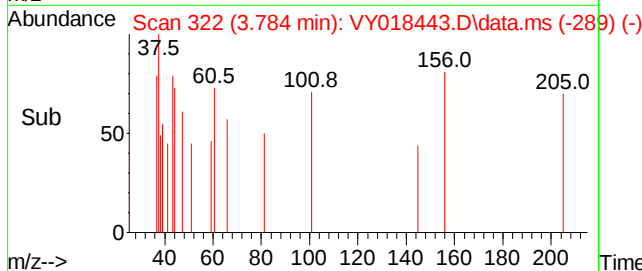
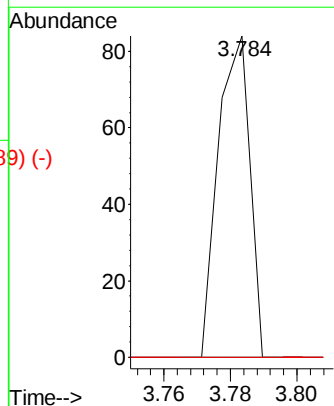
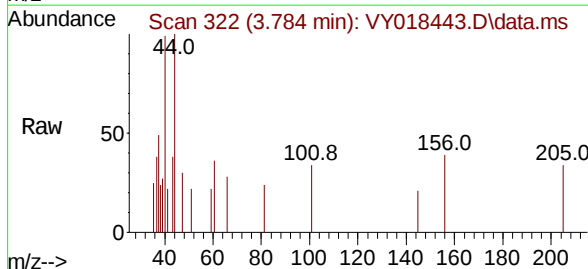
Tgt Ion: 101 Resp: 56

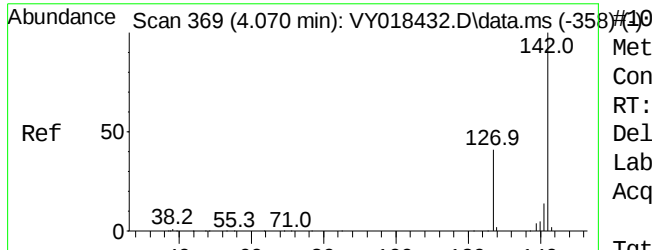
Ion Ratio Lower Upper

101 100

85 0.0 34.5 51.7#

151 0.0 61.7 92.5#





Methyl Iodide

Concen: 3.883 ug/l

RT: 4.082 min Scan# 10

Delta R.T. 0.012 min

Lab File: VY018443.D

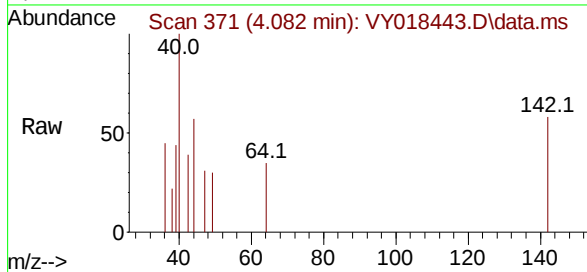
Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

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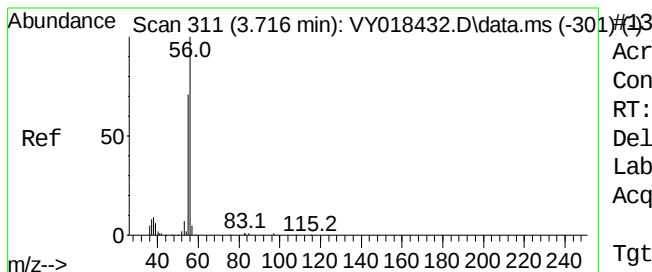
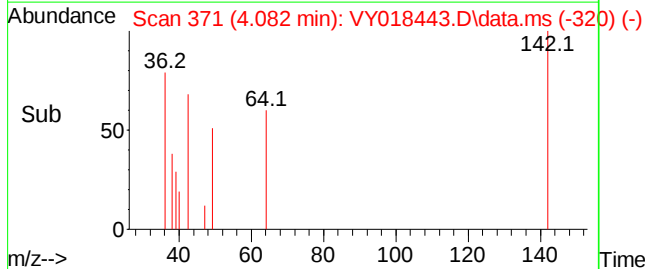
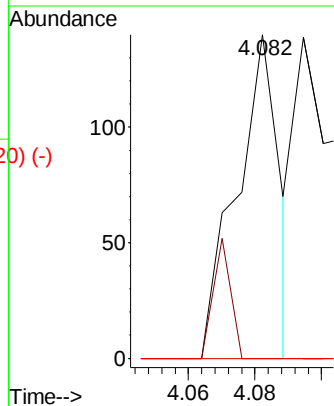
Tgt Ion:142 Resp: 126

Ion Ratio Lower Upper

142 100

127 15.1 32.8 49.2#

141 0.0 11.4 17.2#



Acrolein

Concen: 25.388 ug/l

RT: 3.704 min Scan# 309

Delta R.T. -0.012 min

Lab File: VY018443.D

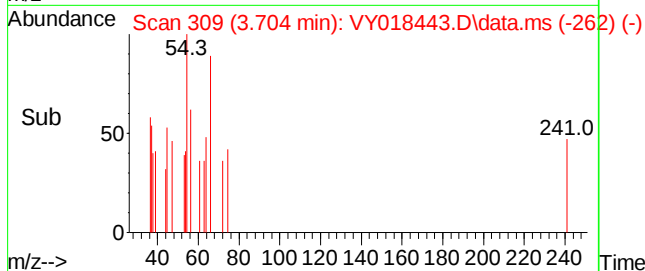
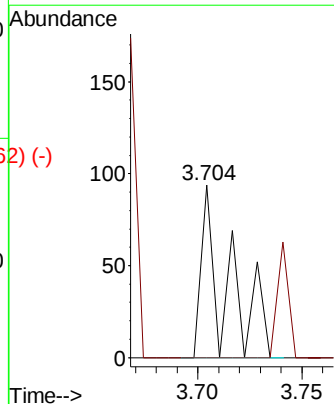
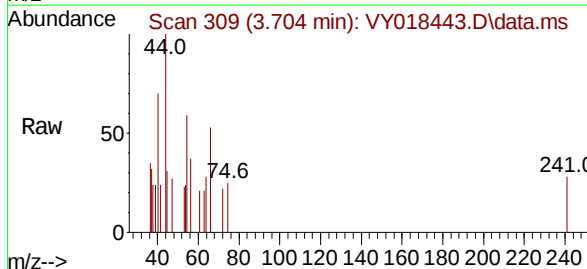
Acq: 03 Jun 2024 16:15

Tgt Ion: 56 Resp: 79

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



Abundance Scan 434 (4.466 min): VY018432.D\data.ms (-408) #14

Allyl chloride

Concen: 1.304 ug/l

RT: 4.485 min Scan# 41

Delta R.T. 0.018 min

Lab File: VY018443.D

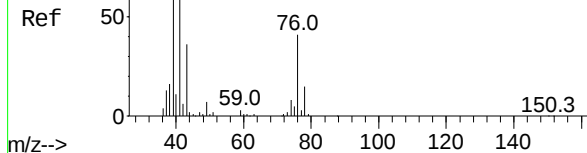
Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520258



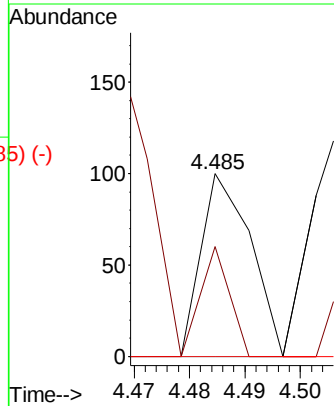
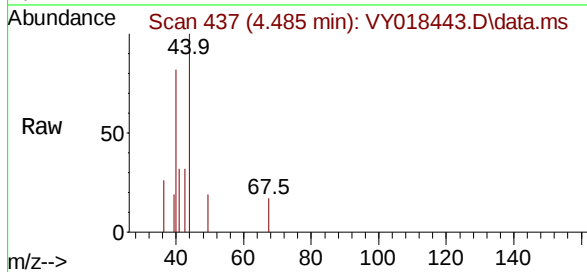
Tgt Ion: 41 Resp: 62

Ion Ratio Lower Upper

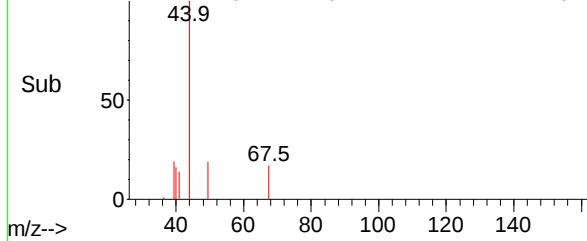
41 100

39 280.6 58.3 87.5#

76 0.0 39.0 58.6#



Abundance Scan 437 (4.485 min): VY018443.D\data.ms (-385) (-)



Abundance Scan 545 (5.143 min): VY018432.D\data.ms (-530) #15

Acrylonitrile

Concen: 9.990 ug/l

RT: 5.131 min Scan# 543

Delta R.T. -0.012 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

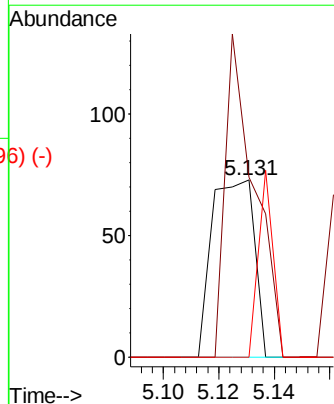
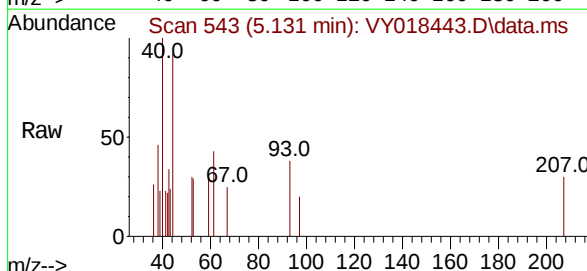
Tgt Ion: 53 Resp: 78

Ion Ratio Lower Upper

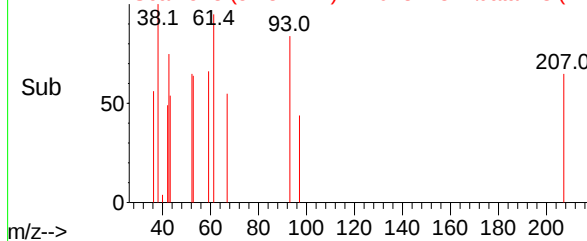
53 100

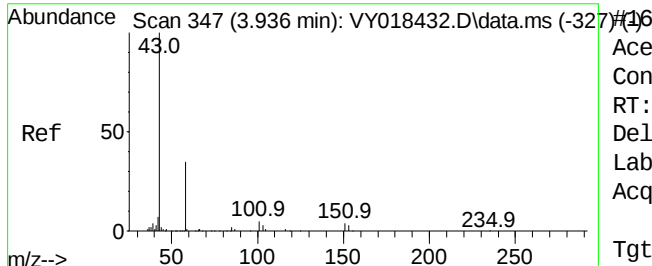
52 124.4 64.7 97.1#

51 35.9 28.4 42.6



Abundance Scan 543 (5.131 min): VY018443.D\data.ms (-496) (-)

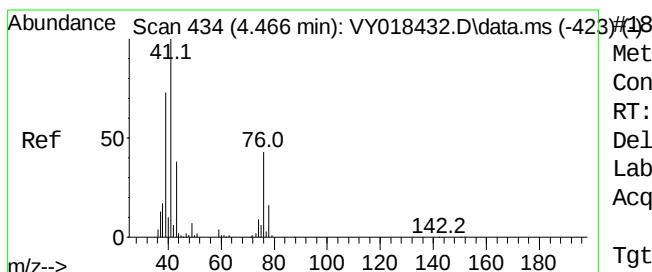
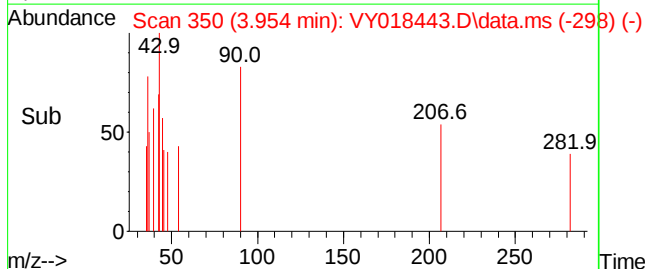
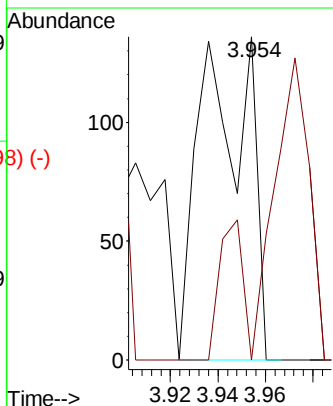
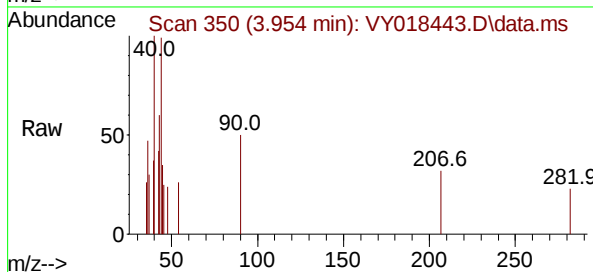




Acetone
Concen: 28.752 ug/l
RT: 3.954 min Scan# 416
Delta R.T. 0.018 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

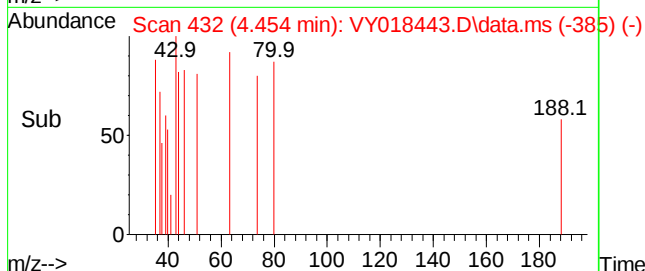
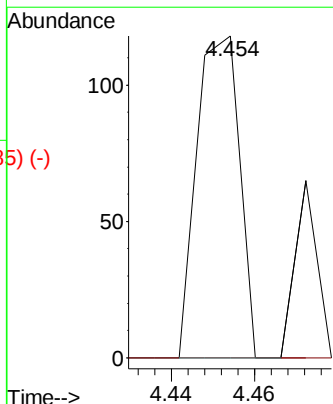
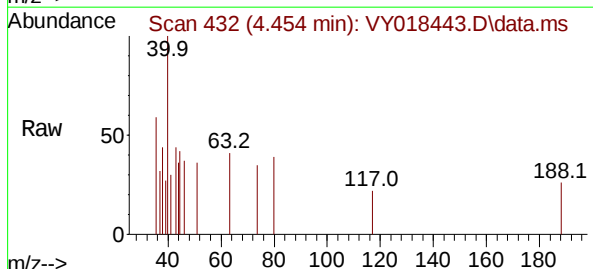
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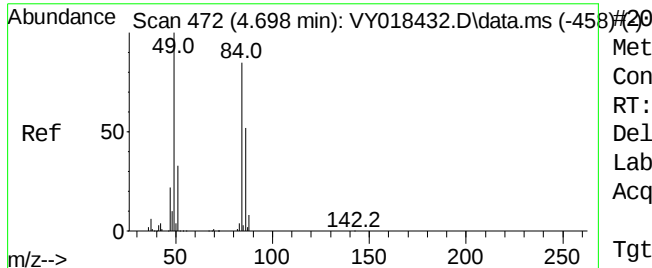
Tgt Ion: 43 Resp: 194
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#



Methyl Acetate
Concen: 4.978 ug/l
RT: 4.454 min Scan# 432
Delta R.T. -0.012 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
74 0.0 23.3 34.9#





Methylene Chloride

Concen: 1.408 ug/l

RT: 4.698 min Scan# 4

Delta R.T. 0.000 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520258

Tgt Ion: 84 Resp: 161

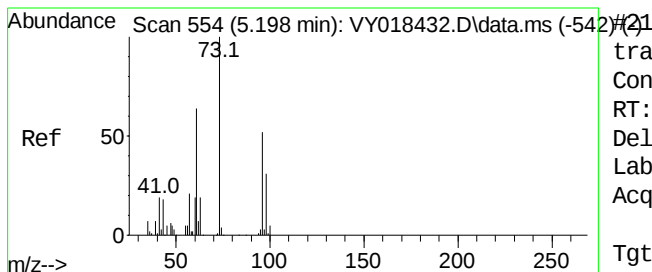
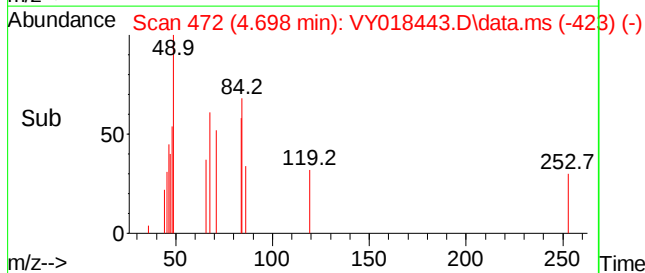
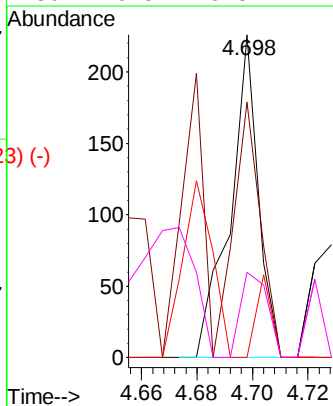
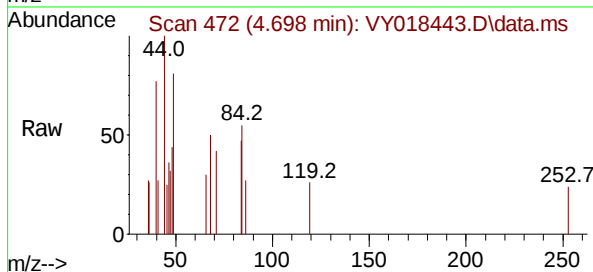
Ion Ratio Lower Upper

84 100

49 79.2 84.4 126.6#

51 0.0 26.0 39.0#

86 26.5 49.5 74.3#



trans-1,2-Dichloroethene

Concen: 1.500 ug/l

RT: 5.174 min Scan# 550

Delta R.T. -0.024 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

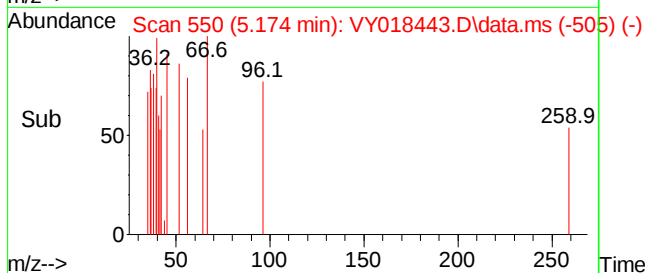
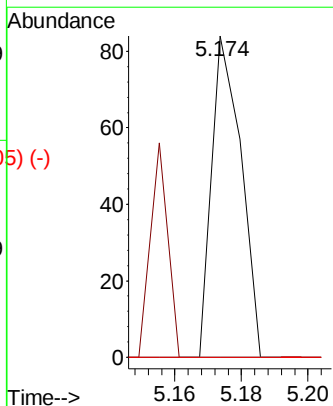
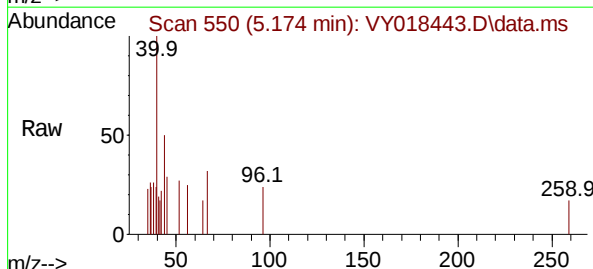
Tgt Ion: 96 Resp: 52

Ion Ratio Lower Upper

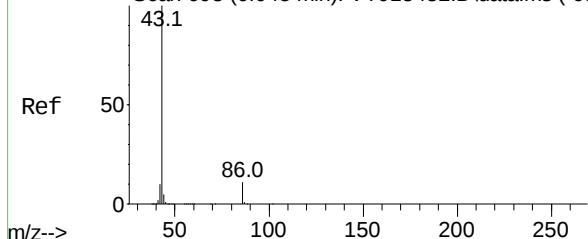
96 100

61 0.0 97.5 146.3#

98 0.0 50.5 75.7#



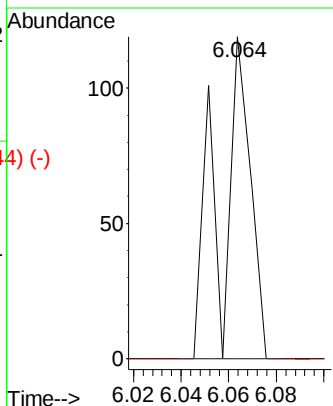
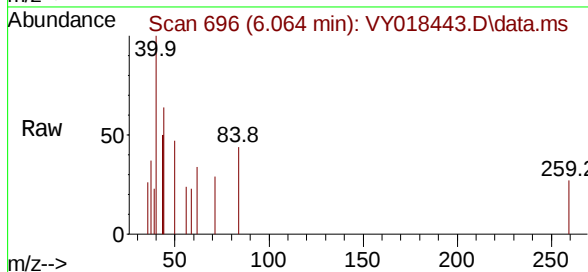
Abundance Scan 693 (6.045 min): VY018432.D\data.ms (-680) #23



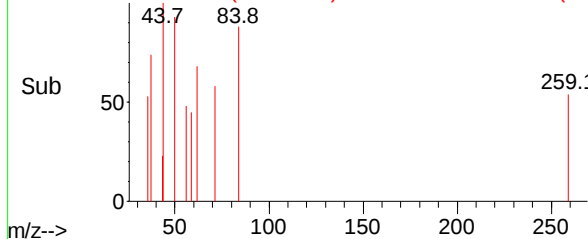
Vinyl Acetate
Concen: 1.634 ug/l
RT: 6.064 min Scan# 680
Delta R.T. 0.018 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

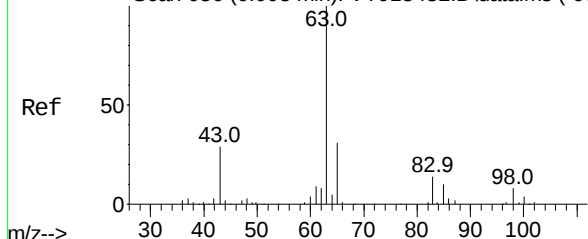
Tgt Ion: 43 Resp: 103
Ion Ratio Lower Upper
43 100
86 0.0 10.6 16.0#



Abundance Scan 696 (6.064 min): VY018443.D\data.ms (-644) (-)

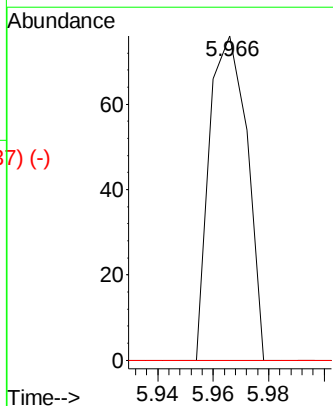
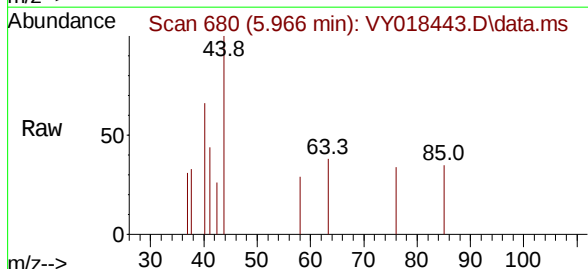


Abundance Scan 686 (6.003 min): VY018432.D\data.ms (-671) #24

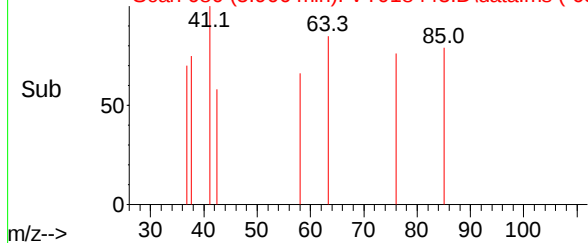


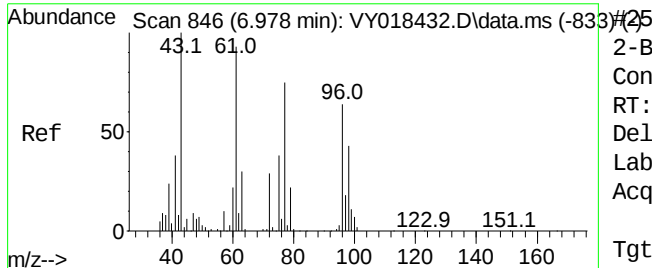
1,1-Dichloroethane
Concen: 1.192 ug/l
RT: 5.966 min Scan# 680
Delta R.T. -0.037 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion: 63 Resp: 72
Ion Ratio Lower Upper
63 100
98 0.0 4.0 12.2#
100 0.0 2.6 8.0#



Abundance Scan 680 (5.966 min): VY018443.D\data.ms (-637) (-)





2-Butanone

Concen: 6.288 ug/l

RT: 6.966 min Scan# 846

Delta R.T. -0.012 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

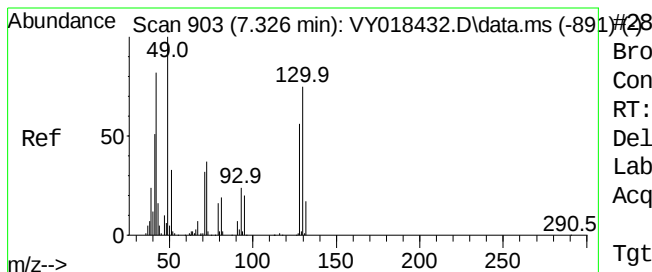
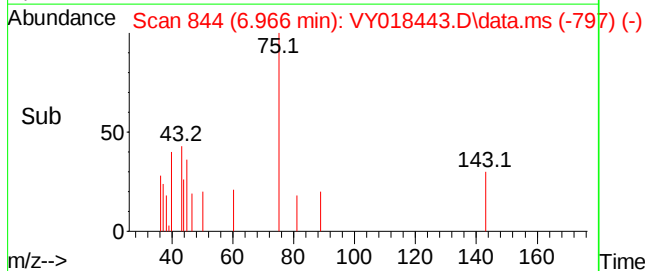
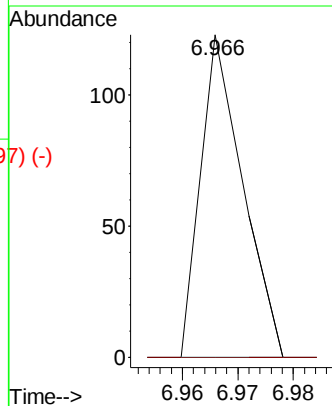
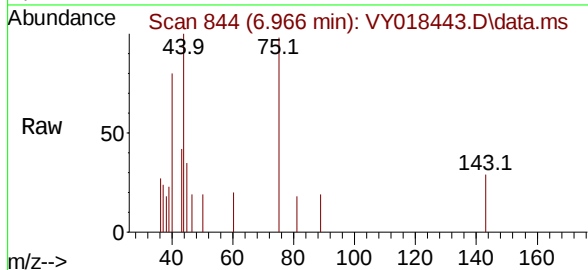
RBR2520258

Tgt Ion: 43 Resp: 65

Ion Ratio Lower Upper

43 100

72 0.0 27.3 40.9#



Bromochloromethane

Concen: 1.187 ug/l

RT: 7.332 min Scan# 904

Delta R.T. 0.006 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

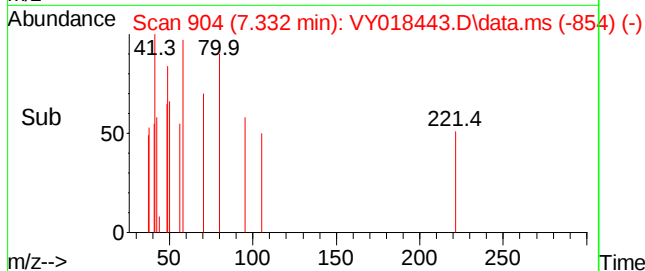
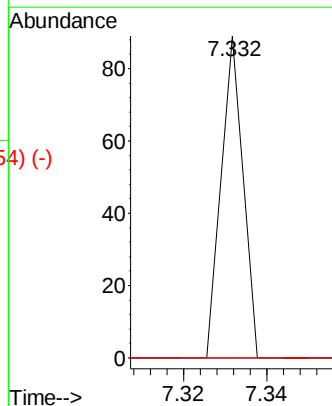
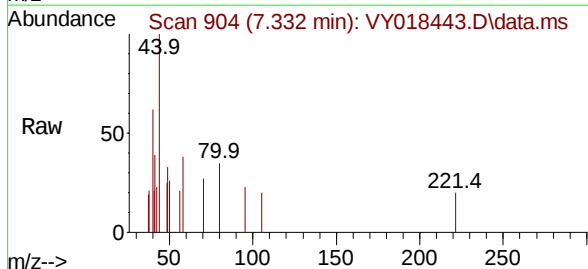
Tgt Ion: 49 Resp: 33

Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.6

130 0.0 72.7 109.1#



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

Tetrahydrofuran

Concen: 6.852 ug/l

RT: 7.338 min Scan# 1035

Delta R.T. 0.000 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520258

Abundance Scan 905 (7.338 min): VY018443.D\data.ms

Tgt Ion: 42 Resp: 46

Ion Ratio Lower Upper

42 100

72 0.0 43.0 64.4#

71 0.0 40.8 61.2#

Raw

Abundance

m/z-->

Abundance Scan 905 (7.338 min): VY018443.D\data.ms (-856) (-)

Sub

Time-->

Abundance Scan 1036 (8.136 min): VY018432.D\data.ms (-1026) #33

1,2-Dichloroethane-d4

Concen: 34.276 ug/l

RT: 8.130 min Scan# 1035

Delta R.T. -0.006 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Tgt Ion: 65 Resp: 1042

Ion Ratio Lower Upper

65 100

67 37.5 0.0 109.6

Raw

Abundance

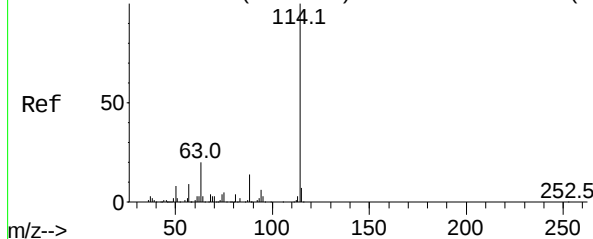
m/z-->

Abundance Scan 1035 (8.130 min): VY018443.D\data.ms (-987) (-)

Sub

Time-->

Abundance Scan 1126 (8.685 min): VY018432.D\data.ms (-1154)



1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan#

Delta R.T. 0.006 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520258

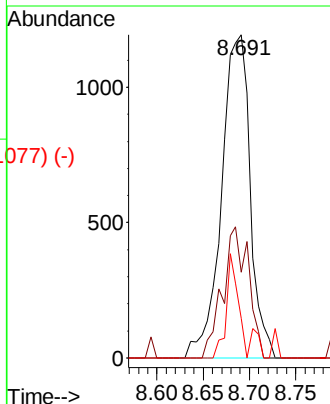
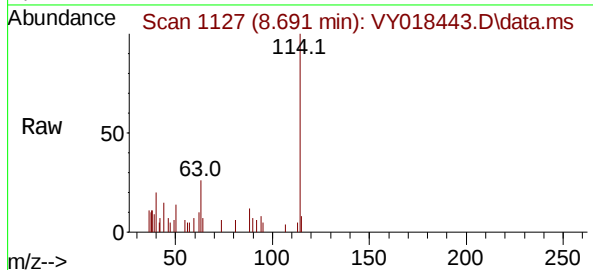
Tgt Ion:114 Resp: 2572

Ion Ratio Lower Upper

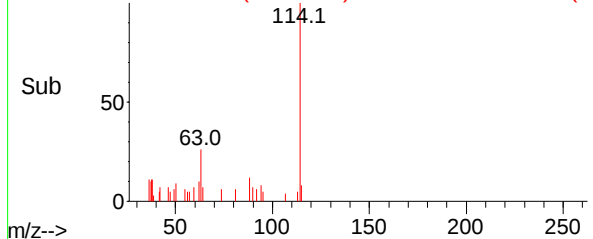
114 100

63 26.5 0.0 35.0

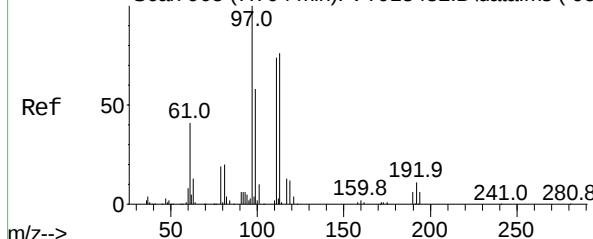
88 12.2 0.0 27.2



Abundance Scan 1127 (8.691 min): VY018443.D\data.ms (-1077) (-)



Abundance Scan 965 (7.704 min): VY018432.D\data.ms (-954) (-)



Dibromofluoromethane

Concen: 33.850 ug/l

RT: 7.704 min Scan# 965

Delta R.T. -0.000 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

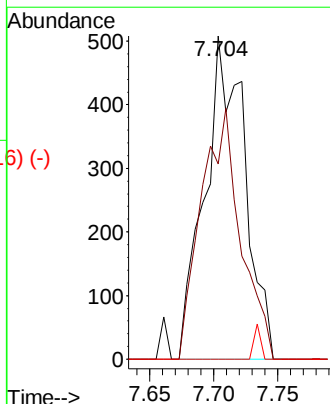
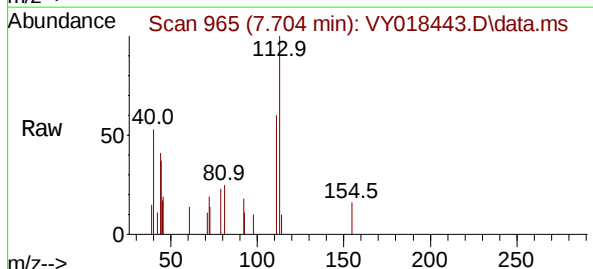
Tgt Ion:113 Resp: 1104

Ion Ratio Lower Upper

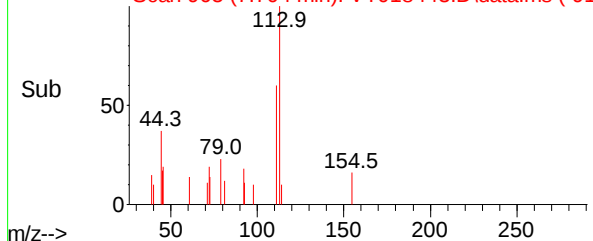
113 100

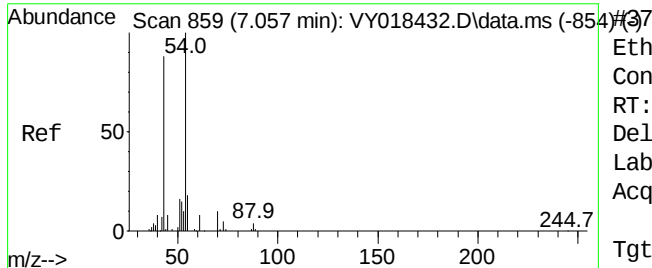
111 76.7 82.2 123.4#

192 0.0 15.9 23.9#



Abundance Scan 965 (7.704 min): VY018443.D\data.ms (-916) (-)





Ethyl Acetate

Concen: 7.728 ug/l

RT: 7.051 min Scan# 859

Delta R.T. -0.006 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520258

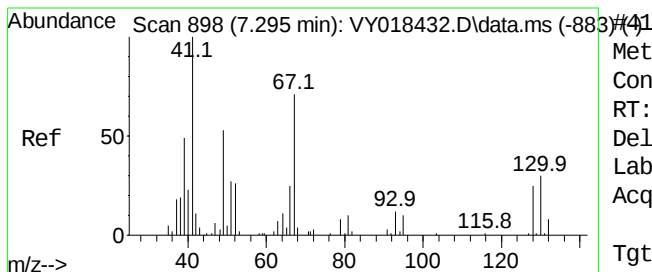
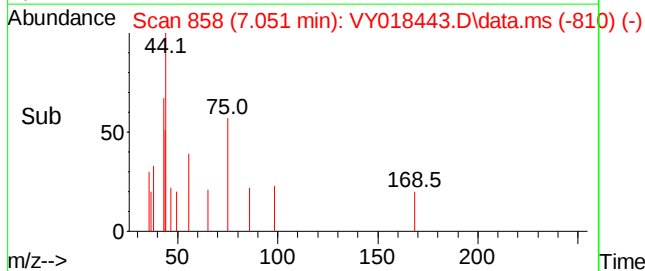
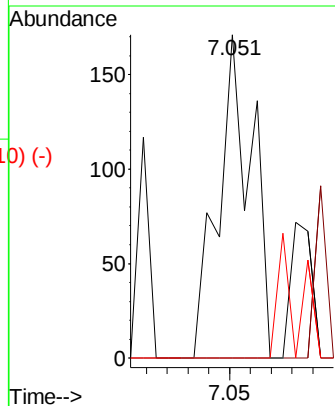
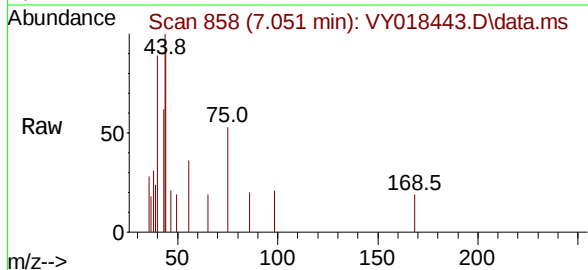
Tgt Ion: 43 Resp: 192

Ion Ratio Lower Upper

43 100

61 0.0 12.6 19.0#

70 0.0 7.8 11.8#



Methacrylonitrile

Concen: 3.145 ug/l

RT: 7.301 min Scan# 899

Delta R.T. 0.006 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Tgt Ion: 41 Resp: 38

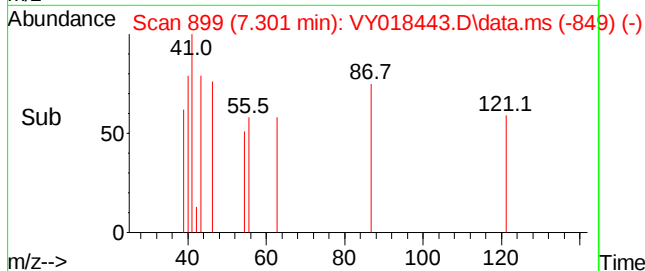
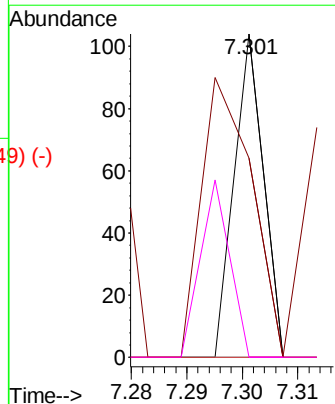
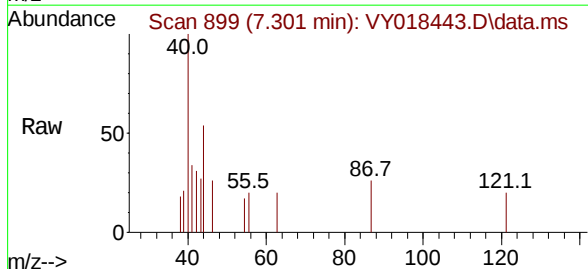
Ion Ratio Lower Upper

41 100

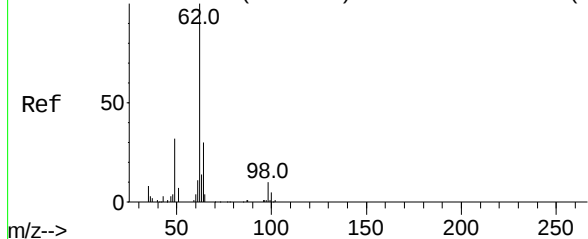
39 147.4 48.0 72.0#

67 0.0 75.1 112.7#

52 55.3 29.8 44.6#



Abundance Scan 1051 (8.228 min): VY018432.D\data.ms (-1042)



1,2-Dichloroethane

Concen: 1.739 ug/l

RT: 8.143 min Scan#

Delta R.T. -0.085 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

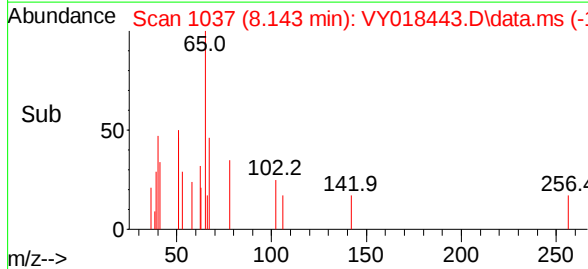
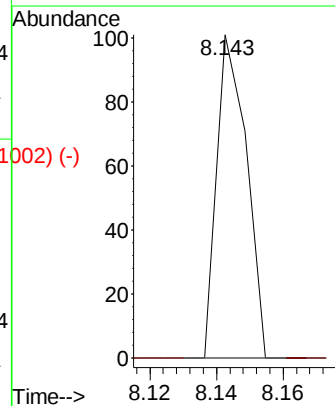
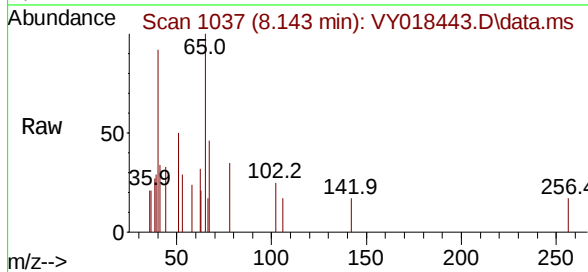
RBR2520258

Tgt Ion: 62 Resp: 63

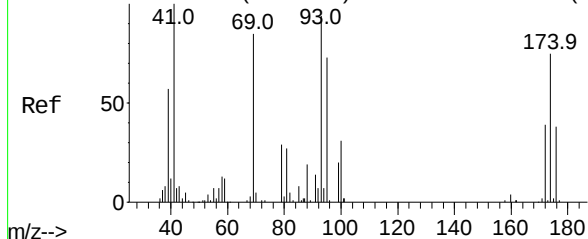
Ion Ratio Lower Upper

62 100

98 0.0 0.0 22.0



Abundance Scan 1226 (9.295 min): VY018432.D\data.ms (-1216)



Dibromomethane

Concen: 1.280 ug/l

RT: 9.496 min Scan# 1259

Delta R.T. 0.201 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

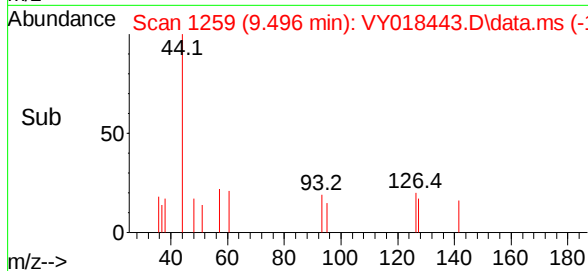
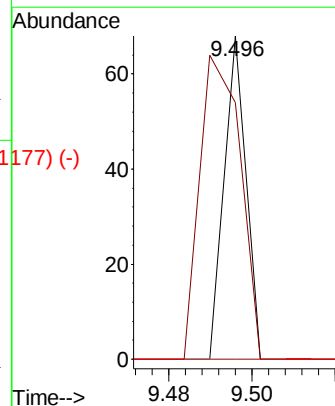
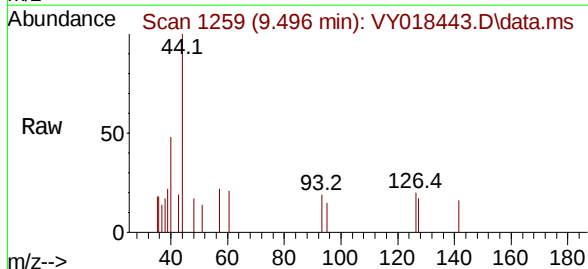
Tgt Ion: 93 Resp: 25

Ion Ratio Lower Upper

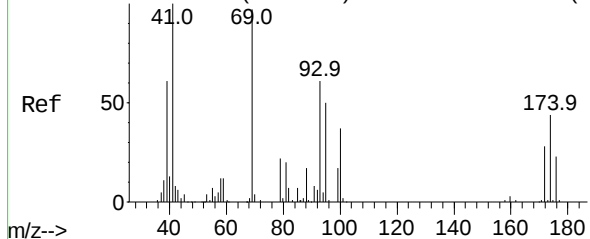
93 100

95 172.0 66.2 99.4#

174 0.0 80.9 121.3#



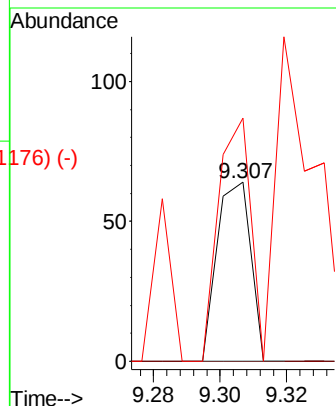
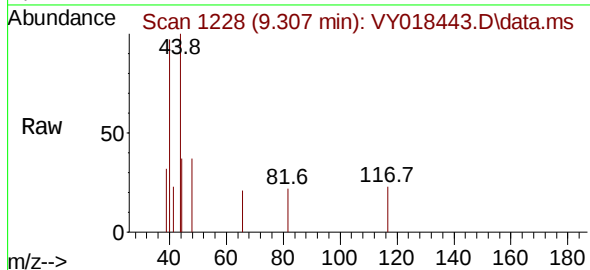
Abundance Scan 1225 (9.289 min): VY018432.D\data.ms (-1218)



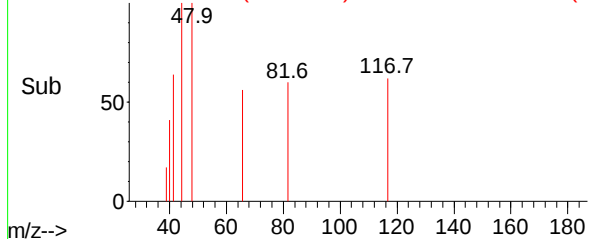
Methyl methacrylate
Concen: 2.106 ug/l
RT: 9.307 min Scan# 1228
Delta R.T. 0.018 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

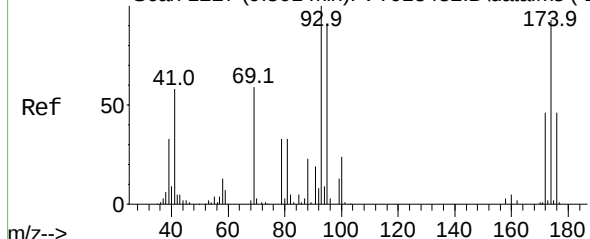
Tgt Ion:	41	Resp:	45
Ion	Ratio	Lower	Upper
41	100		
69	0.0	84.1	126.1#
39	131.1	43.6	65.4#



Abundance Scan 1228 (9.307 min): VY018443.D\data.ms (-1176) (-)

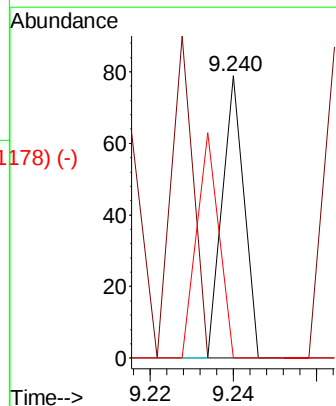
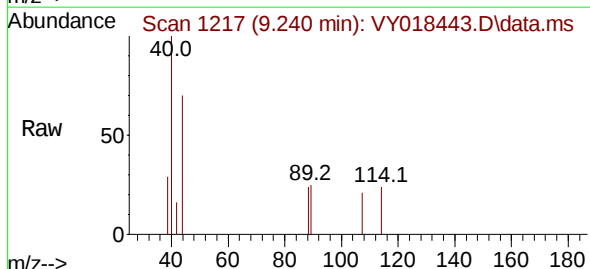


Abundance Scan 1227 (9.301 min): VY018432.D\data.ms (-1218)

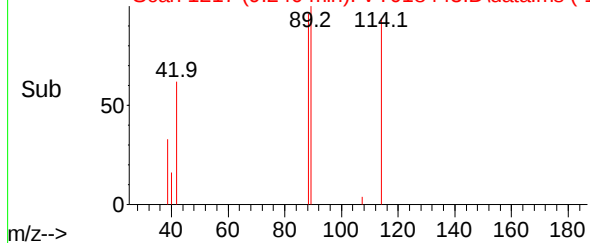


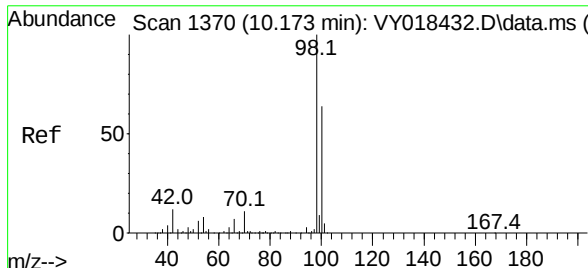
1,4-Dioxane
Concen: 113.033 ug/l
RT: 9.240 min Scan# 1217
Delta R.T. -0.061 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion:	88	Resp:	29
Ion	Ratio	Lower	Upper
88	100		
43	0.0	0.0	0.0
58	79.3	49.3	73.9#



Abundance Scan 1217 (9.240 min): VY018443.D\data.ms (-1178) (-)

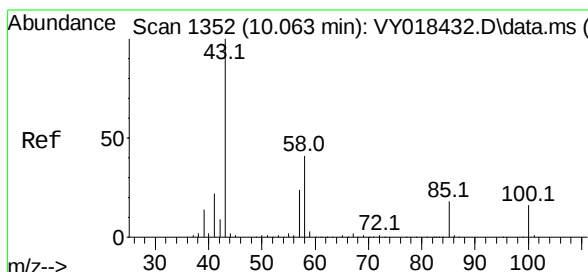
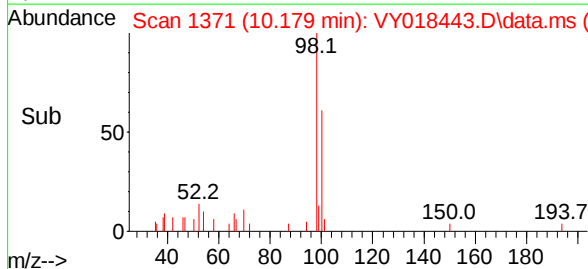
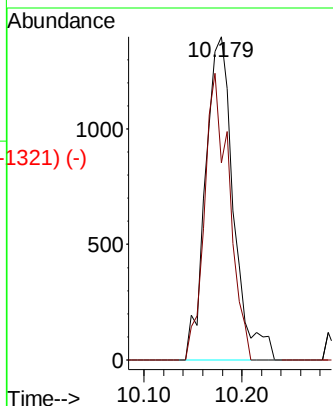
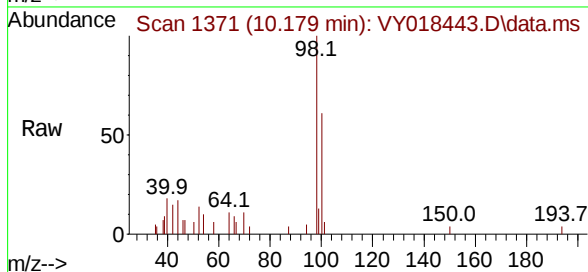




Toluene-d8
Concen: 21.449 ug/l
RT: 10.179 min Scan# 1359
Delta R.T. 0.006 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

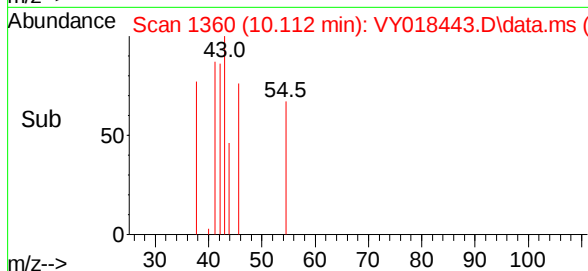
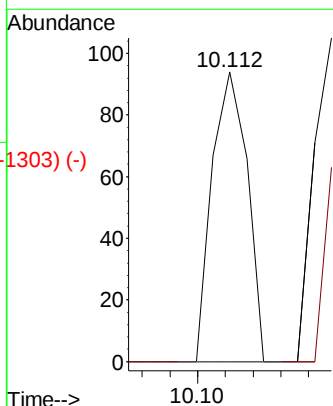
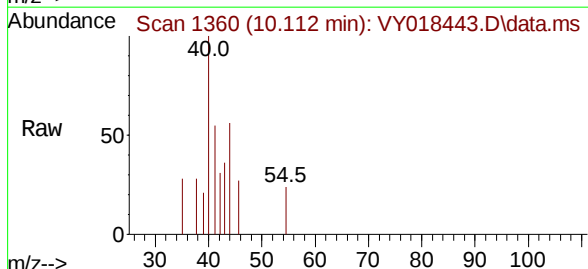
Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

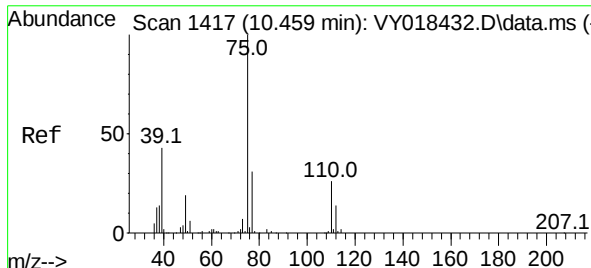
Tgt Ion: 98 Resp: 2783
Ion Ratio Lower Upper
98 100
100 78.3 52.0 78.0#



4-Methyl-2-Pentanone
Concen: 3.441 ug/l
RT: 10.112 min Scan# 1360
Delta R.T. 0.049 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion: 43 Resp: 83
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#

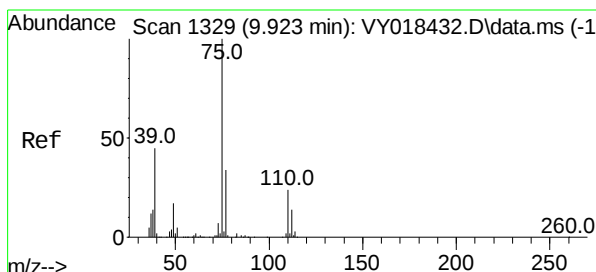
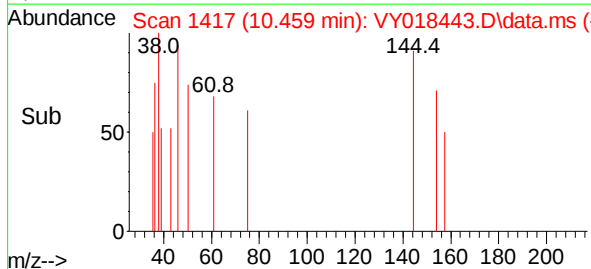
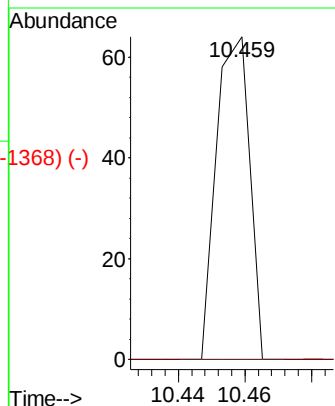
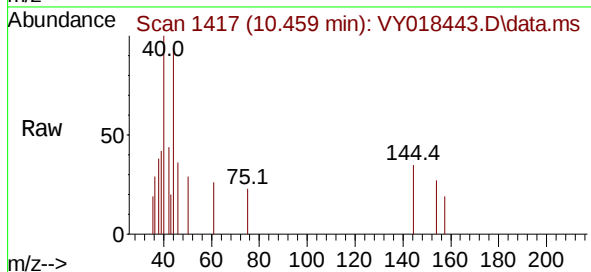




t-1,3-Dichloropropene
Concen: 1.045 ug/l
RT: 10.459 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

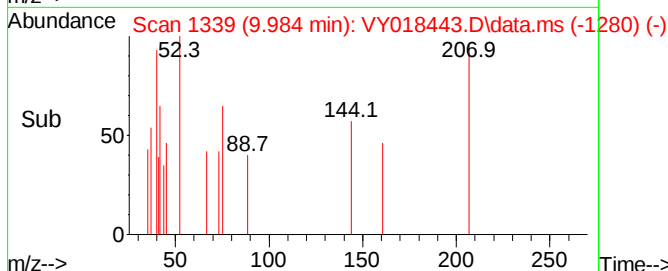
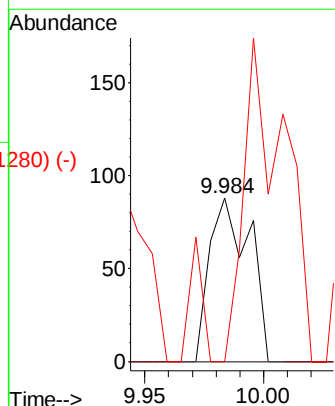
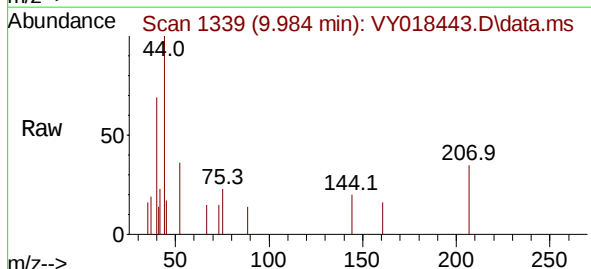
Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

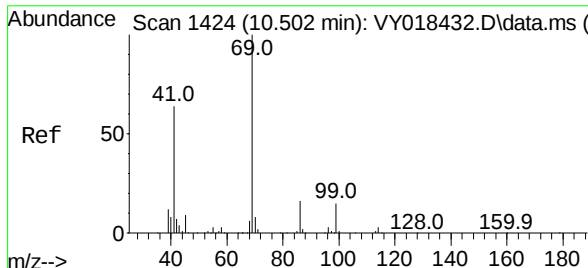
Tgt Ion: 75 Resp: 45
Ion Ratio Lower Upper
75 100
77 0.0 24.1 36.1#



cis-1,3-Dichloropropene
Concen: 1.961 ug/l
RT: 9.984 min Scan# 1339
Delta R.T. 0.061 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion: 75 Resp: 104
Ion Ratio Lower Upper
75 100
77 0.0 25.4 38.0#
39 0.0 29.8 44.6#

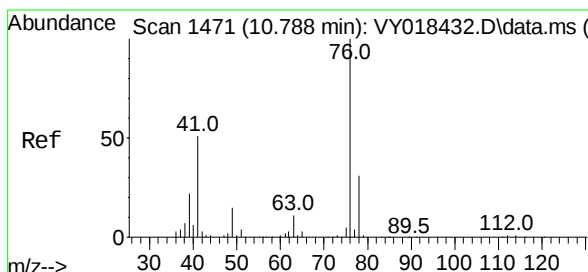
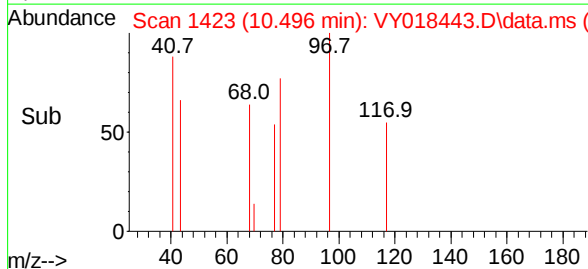
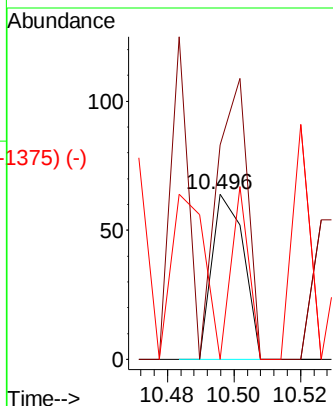
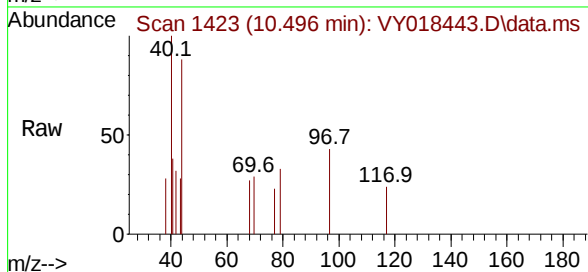




Ethyl methacrylate
 Concen: 1.174 ug/l
 RT: 10.496 min Scan# 1450
 Delta R.T. -0.006 min
 Lab File: VY018443.D
 Acq: 03 Jun 2024 16:15

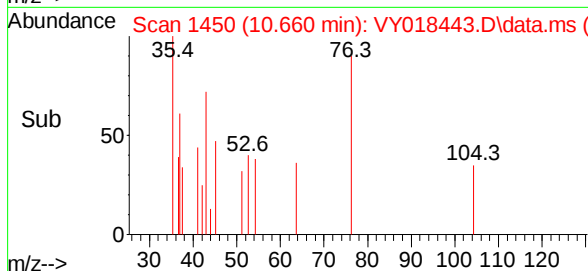
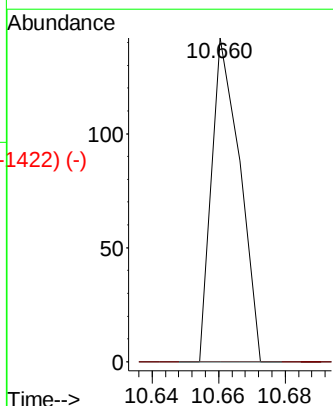
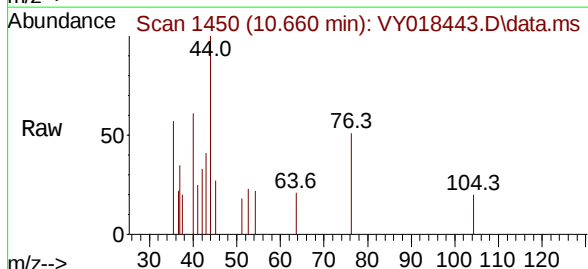
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR2520258

Tgt Ion:	69	Resp:	42
Ion	Ratio	Lower	Upper
69	100		
41	166.7	42.3	63.5#
39	0.0	22.9	34.3#

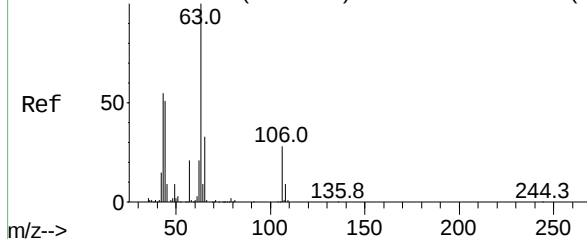


1,3-Dichloropropane
 Concen: 1.947 ug/l
 RT: 10.660 min Scan# 1450
 Delta R.T. -0.128 min
 Lab File: VY018443.D
 Acq: 03 Jun 2024 16:15

Tgt Ion:	76	Resp:	84
Ion	Ratio	Lower	Upper
76	100		
78	0.0	26.2	39.4#



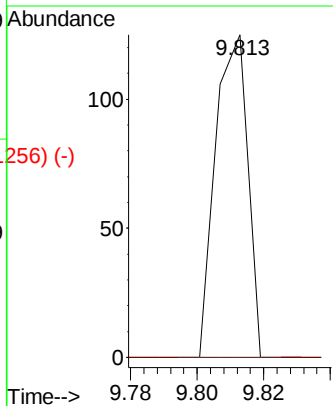
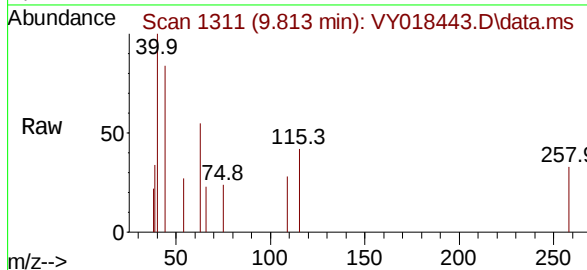
Abundance Scan 1305 (9.776 min): VY018432.D\data.ms (-1256) (-)



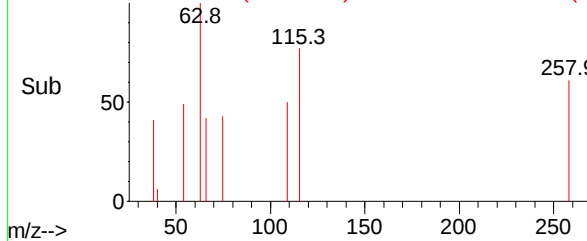
2-Chloroethyl Vinyl ether
Concen: 4.373 ug/l
RT: 9.813 min Scan# 1458
Delta R.T. 0.037 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Instrument :
MSVOA_Y
Client Sample Id :
RBR2520258

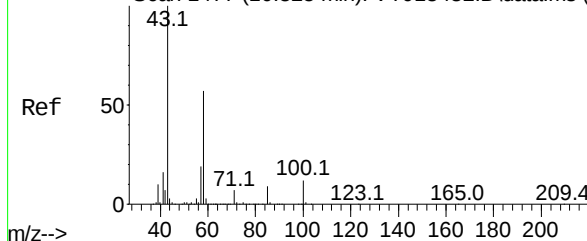
Tgt Ion: 63 Resp: 84
Ion Ratio Lower Upper
63 100
106 0.0 23.7 35.5#



Abundance Scan 1311 (9.813 min): VY018443.D\data.ms (-1256) (-)

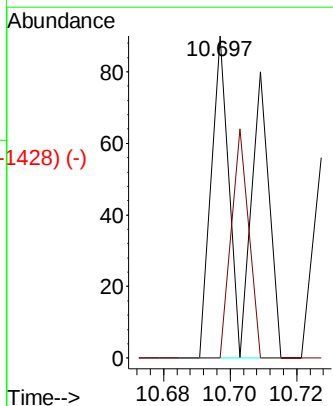
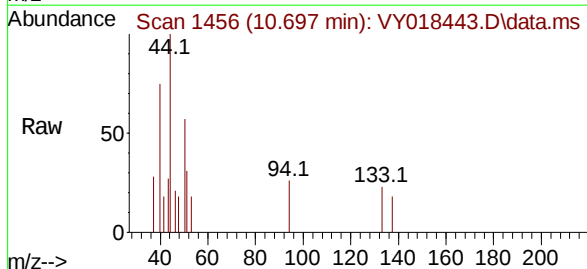


Abundance Scan 1477 (10.825 min): VY018432.D\data.ms (-1459) (-)

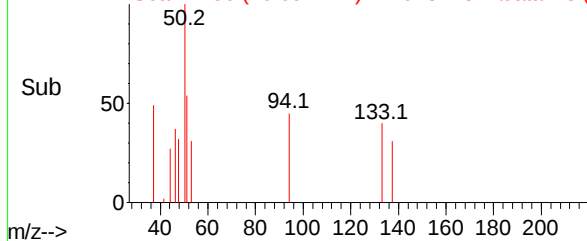


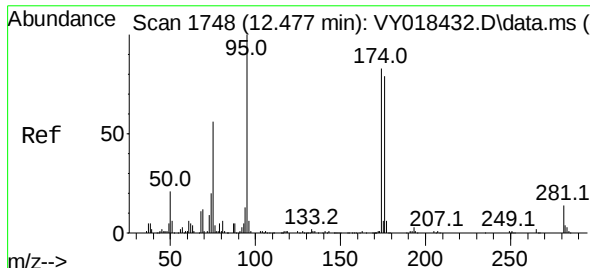
2-Hexanone
Concen: 3.720 ug/l
RT: 10.697 min Scan# 1456
Delta R.T. -0.128 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
58 37.1 31.4 94.0



Abundance Scan 1456 (10.697 min): VY018443.D\data.ms (-1428) (-)

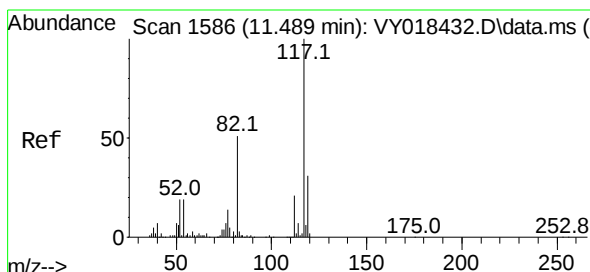
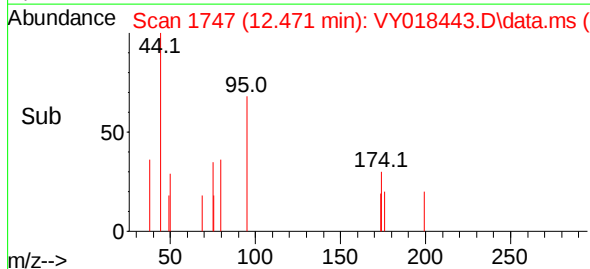
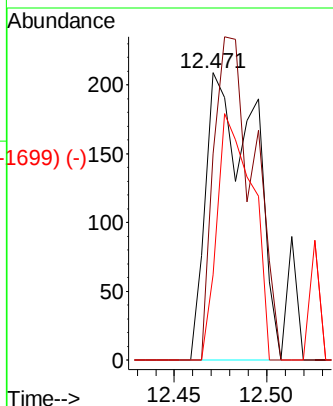
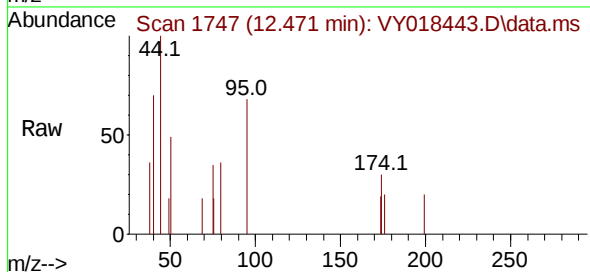




4-Bromofluorobenzene
 Concen: 9.307 ug/l
 RT: 12.471 min Scan# 1748
 Delta R.T. -0.006 min
 Lab File: VY018443.D
 Acq: 03 Jun 2024 16:15

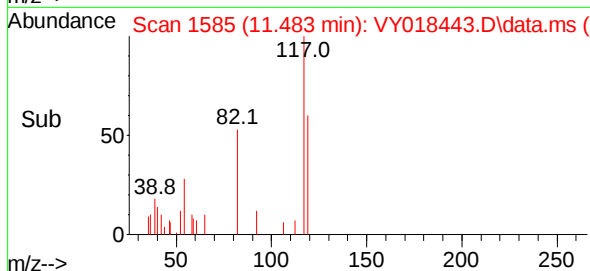
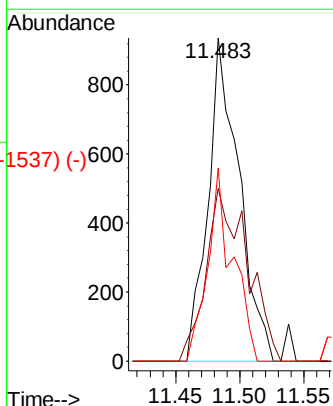
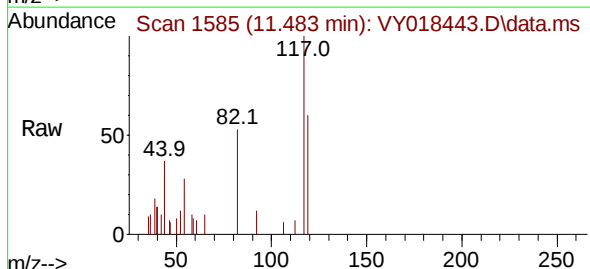
Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR2520258

Tgt Ion:	95	Resp:	376
Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	175.6
176	63.6	0.0	171.4



Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.483 min Scan# 1585
 Delta R.T. -0.006 min
 Lab File: VY018443.D
 Acq: 03 Jun 2024 16:15

Tgt Ion:	117	Resp:	1576
Ion	Ratio	Lower	Upper
117	100		
82	53.4	42.4	63.6
119	59.7	25.9	38.9#



Abundance Scan 1459 (10.715 min): VY018432.D\data.ms (-1459) (-)

Tetrachloroethene

Concen: 1.077 ug/l

RT: 10.898 min Scan# 1459

Delta R.T. 0.183 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520258

m/z-->

Abundance Scan 1489 (10.898 min): VY018443.D\data.ms

Raw

m/z-->

Abundance Scan 1489 (10.898 min): VY018443.D\data.ms (-1410) (-)

Sub

m/z-->

Tgt Ion:164 Resp: 25

Ion Ratio Lower Upper

164 100

166 0.0 102.6 154.0#

129 0.0 72.0 108.0#

131 0.0 70.0 105.0#

Abundance

10.898

Time-->

Abundance Scan 1903 (13.422 min): VY018432.D\data.ms (-1903) (-)

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

m/z-->

Abundance Scan 1904 (13.428 min): VY018443.D\data.ms

Raw

m/z-->

Abundance Scan 1904 (13.428 min): VY018443.D\data.ms (-1854) (-)

Sub

m/z-->

Tgt Ion:152 Resp: 339

Ion Ratio Lower Upper

152 100

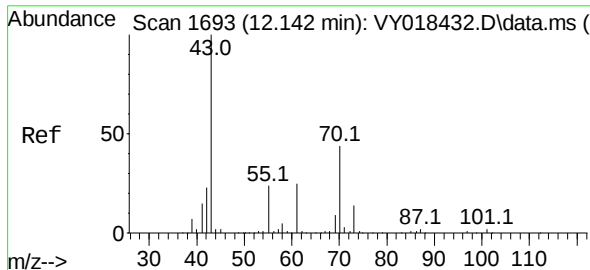
115 64.3 28.2 84.7

150 133.9 0.0 345.6

Abundance

13.428

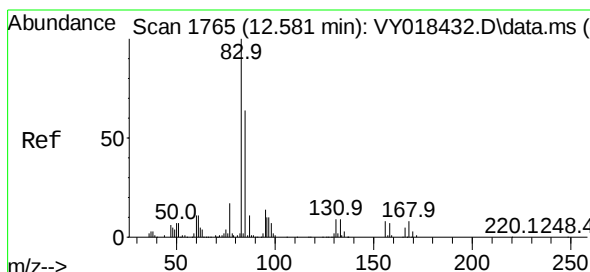
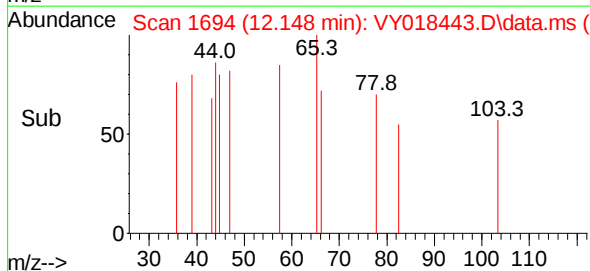
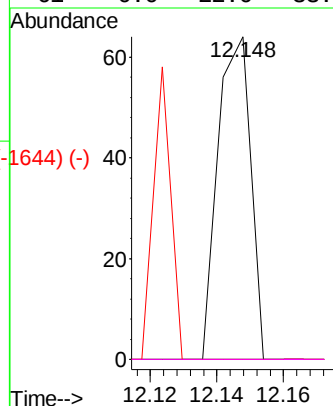
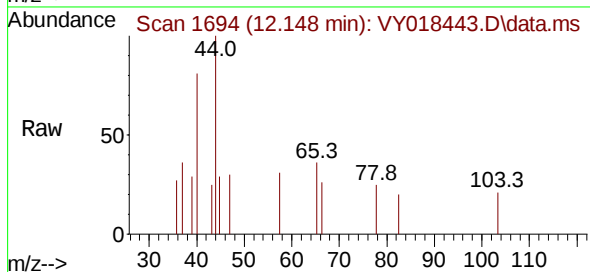
Time-->



N-ethyl acetate
Concen: 5.167 ug/l
RT: 12.148 min Scan# 1693
Delta R.T. 0.006 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

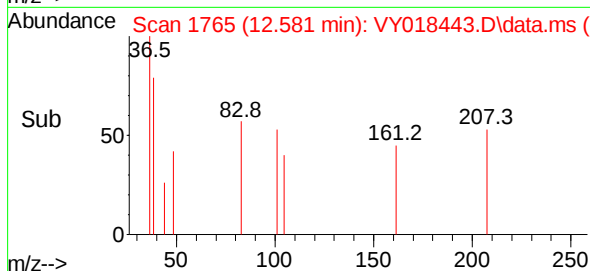
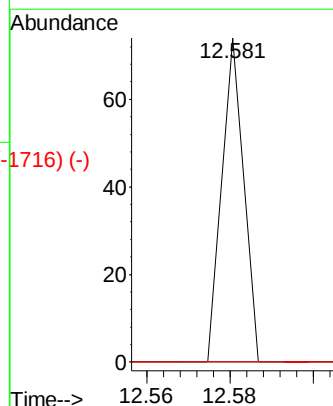
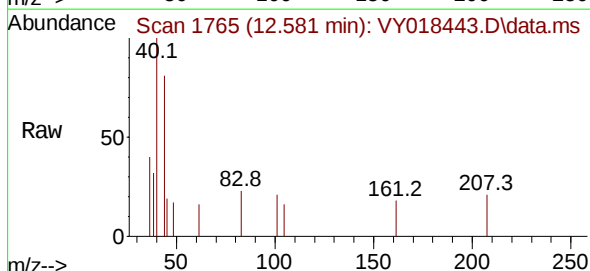
Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

Tgt Ion:	43	Resp:	44
Ion	Ratio	Lower	Upper
43	100		
70	0.0	41.4	62.2#
55	0.0	23.3	34.9#
61	0.0	22.6	33.8#

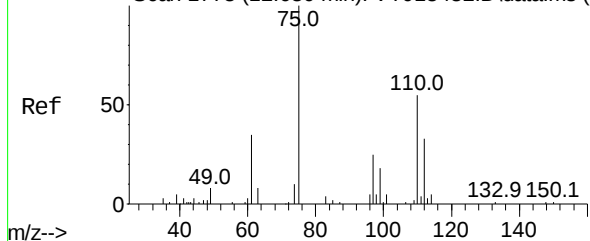


1,1,2,2-Tetrachloroethane
Concen: 4.384 ug/l
RT: 12.581 min Scan# 1765
Delta R.T. -0.000 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion:	83	Resp:	27
Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.0	14.9#
85	0.0	32.0	96.0#



Abundance Scan 1773 (12.630 min): VY018432.D\data.ms (-1773) (-)

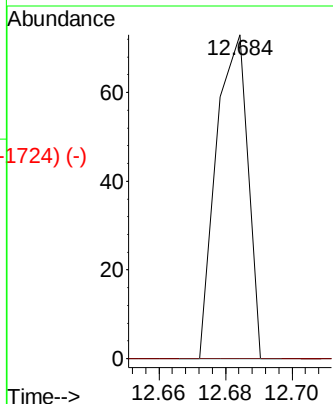
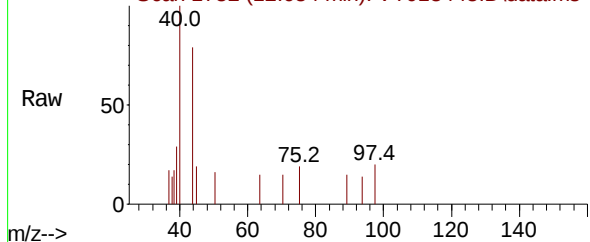


1,2,3-Trichloropropane
Concen: 11.419 ug/l
RT: 12.684 min Scan# 1773
Delta R.T. 0.055 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

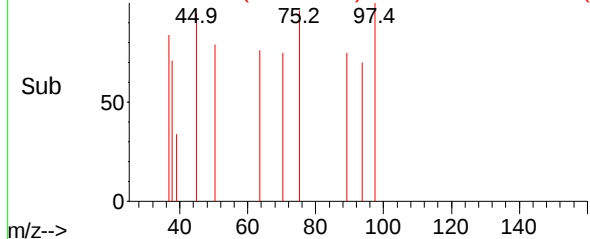
Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

Tgt Ion: 75 Resp: 48
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

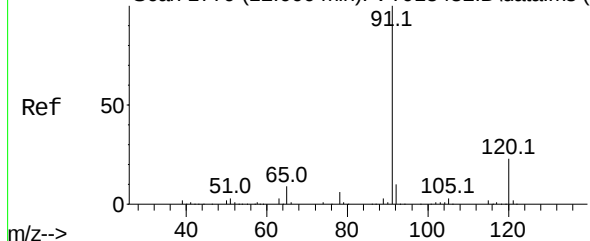
Abundance Scan 1782 (12.684 min): VY018443.D\data.ms



Abundance Scan 1782 (12.684 min): VY018443.D\data.ms (-1724) (-)



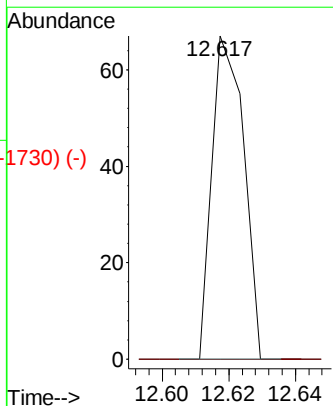
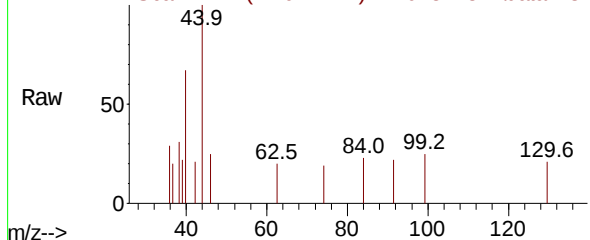
Abundance Scan 1779 (12.666 min): VY018432.D\data.ms (-1773) (-)



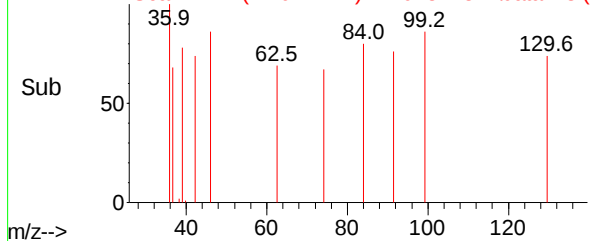
n-propylbenzene
Concen: 1.072 ug/l
RT: 12.617 min Scan# 1771
Delta R.T. -0.049 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

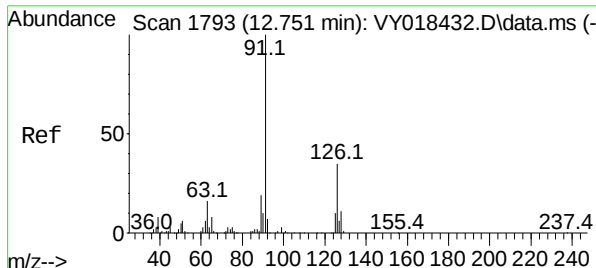
Tgt Ion: 91 Resp: 45
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.4#

Abundance Scan 1771 (12.617 min): VY018443.D\data.ms



Abundance Scan 1771 (12.617 min): VY018443.D\data.ms (-1730) (-)

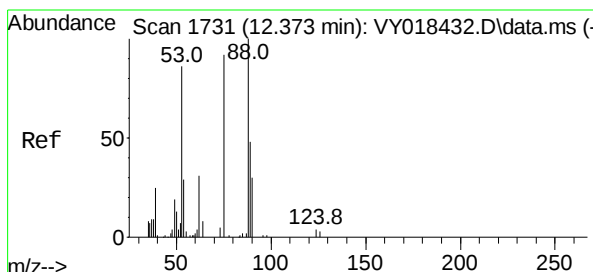
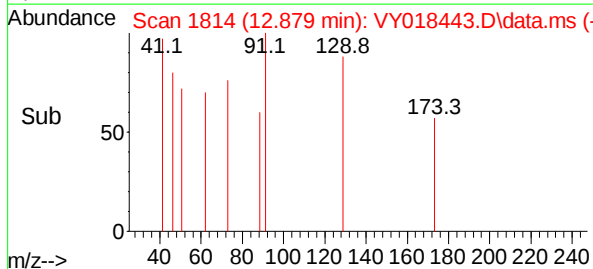
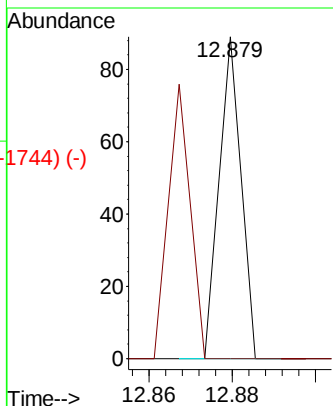
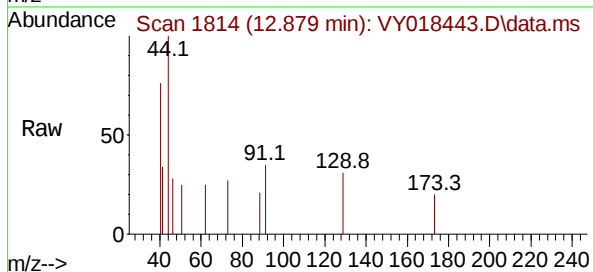




2-Chlorotoluene
Concen: 1.446 ug/l
RT: 12.879 min Scan# 1779
Delta R.T. 0.128 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

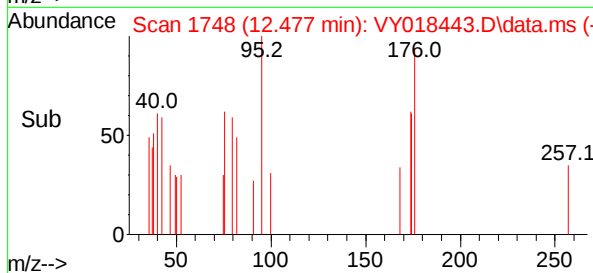
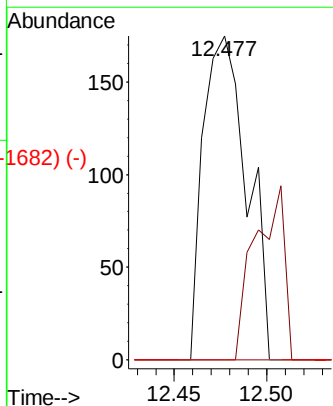
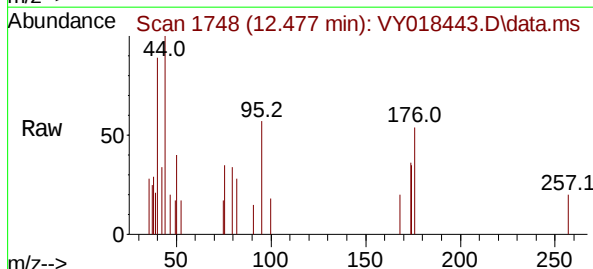
Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

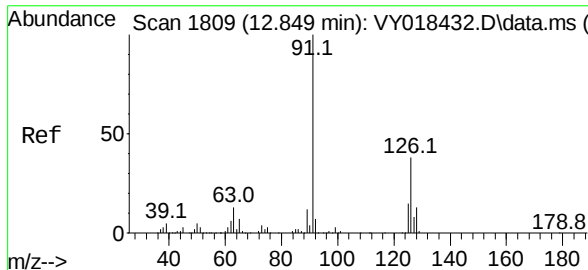
Tgt Ion: 91 Resp: 33
Ion Ratio Lower Upper
91 100
126 84.8 17.8 53.5#



trans-1,4-Dichloro-2-butene
Concen: 143.939 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.104 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion: 75 Resp: 288
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.0 35.8 53.6#

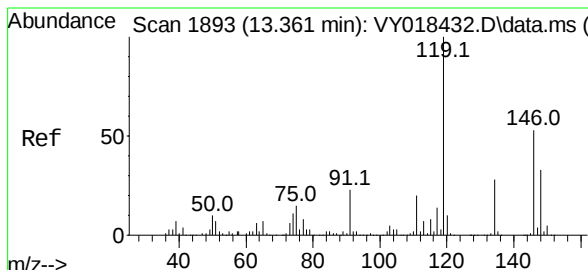
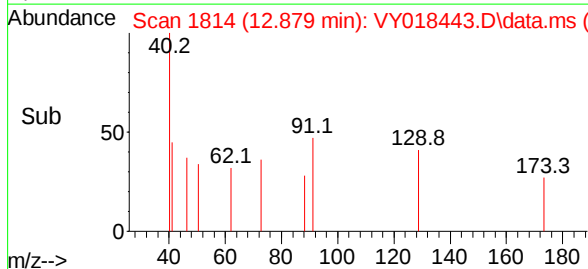
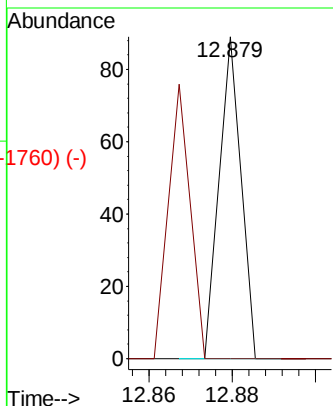
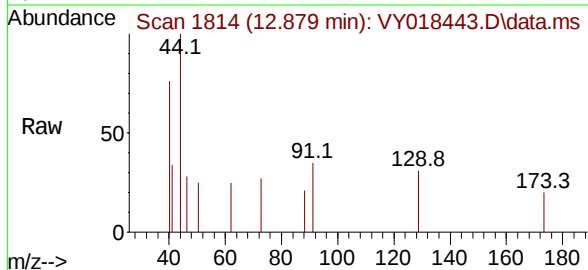




4-Chlorotoluene
Concen: 1.437 ug/l
RT: 12.879 min Scan# 1809
Delta R.T. 0.030 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

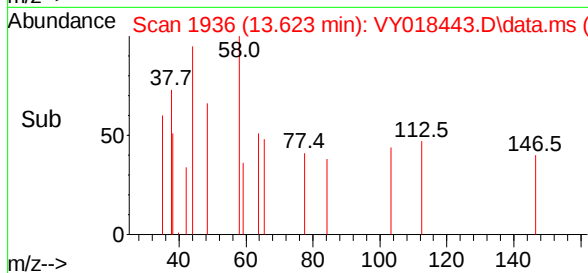
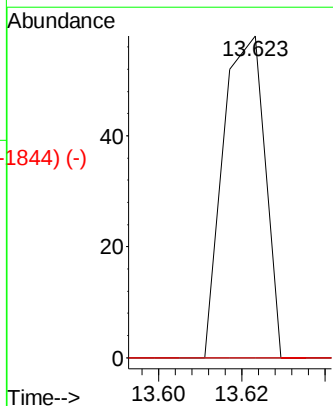
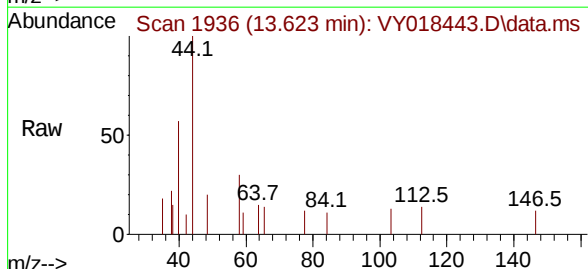
Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

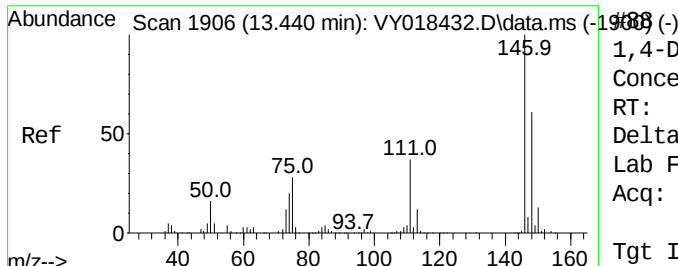
Tgt Ion: 91 Resp: 33
Ion Ratio Lower Upper
91 100
126 84.8 17.6 52.9#



1,3-Dichlorobenzene
Concen: 2.730 ug/l
RT: 13.623 min Scan# 1936
Delta R.T. 0.262 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion:146 Resp: 40
Ion Ratio Lower Upper
146 100
111 0.0 19.0 57.0#
148 0.0 31.7 95.1#

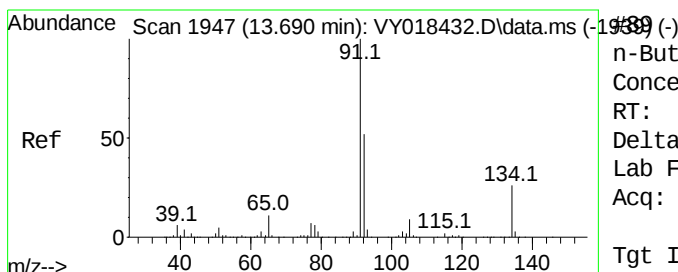
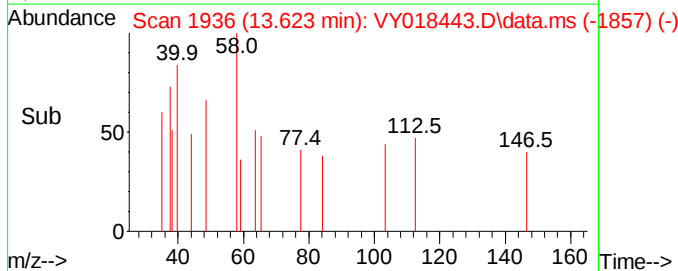
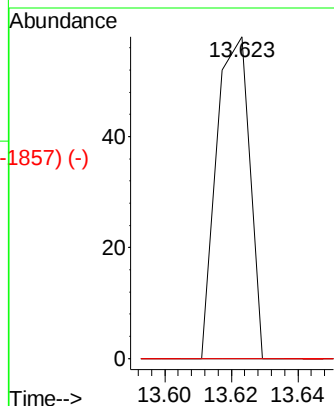
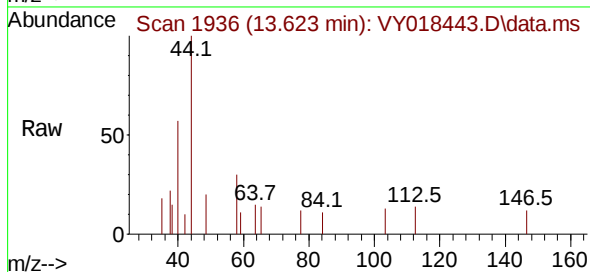




1,4-Dichlorobenzene
Concen: 2.779 ug/l
RT: 13.623 min Scan# 1906
Delta R.T. 0.183 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

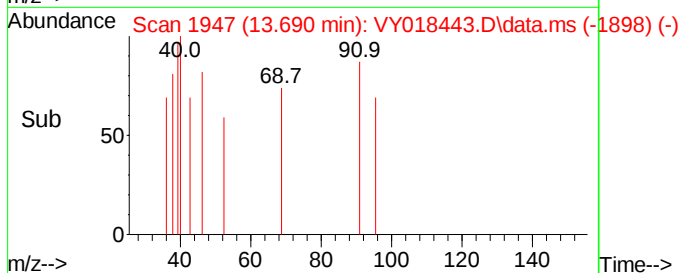
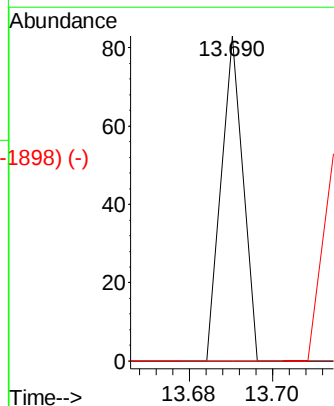
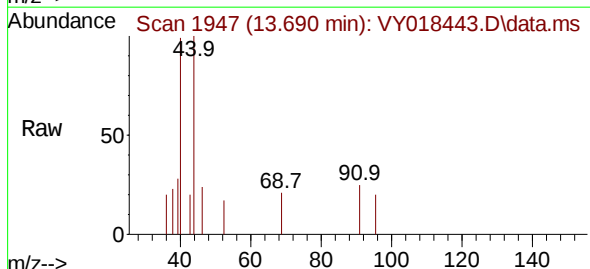
Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

Tgt Ion:	146	Resp:	40
Ion	Ratio	Lower	Upper
146	100		
111	0.0	18.4	55.4#
148	0.0	32.4	97.2#

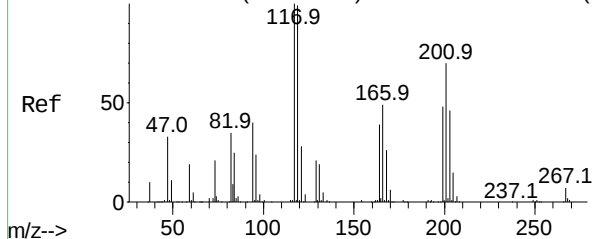


n-Butylbenzene
Concen: 1.054 ug/l
RT: 13.690 min Scan# 1947
Delta R.T. 0.000 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion:	91	Resp:	30
Ion	Ratio	Lower	Upper
91	100		
92	0.0	26.6	79.7#
134	0.0	12.9	38.7#



Abundance Scan 1991 (13.959 min): VY018432.D\data.ms (-1991) (-)



Hexachloroethane

Concen: 3.385 ug/l

RT: 13.861 min Scan#

Delta R.T. -0.098 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Instrument :

MSVOA_Y

ClientSampleId :

RBR2520258

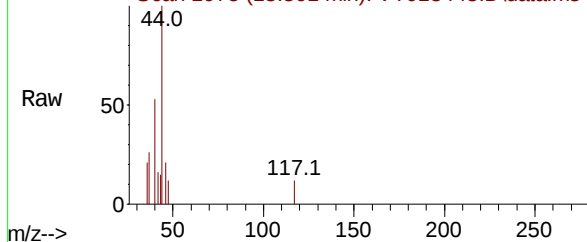
Tgt Ion:117 Resp: 19

Ion Ratio Lower Upper

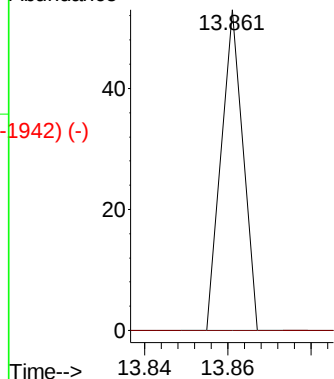
117 100

201 0.0 37.4 112.2#

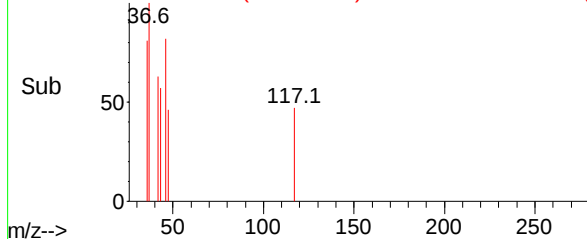
Abundance Scan 1975 (13.861 min): VY018443.D\data.ms



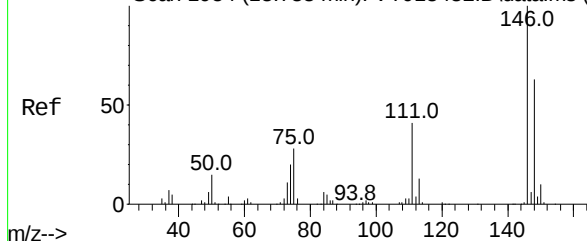
Abundance



Abundance Scan 1975 (13.861 min): VY018443.D\data.ms (-1942) (-)



Abundance Scan 1954 (13.733 min): VY018432.D\data.ms (-1951) (-)



1,2-Dichlorobenzene

Concen: 3.137 ug/l

RT: 13.623 min Scan# 1936

Delta R.T. -0.110 min

Lab File: VY018443.D

Acq: 03 Jun 2024 16:15

Tgt Ion:146 Resp: 40

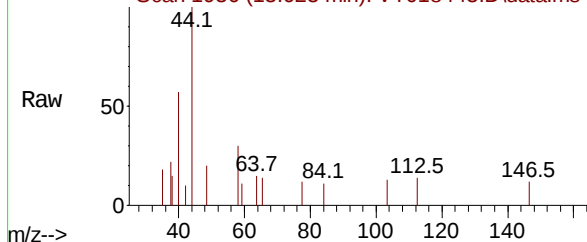
Ion Ratio Lower Upper

146 100

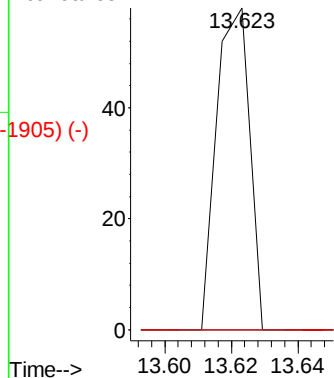
111 0.0 19.9 59.7#

148 0.0 31.8 95.4#

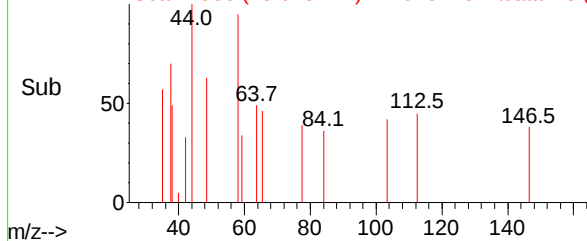
Abundance Scan 1936 (13.623 min): VY018443.D\data.ms

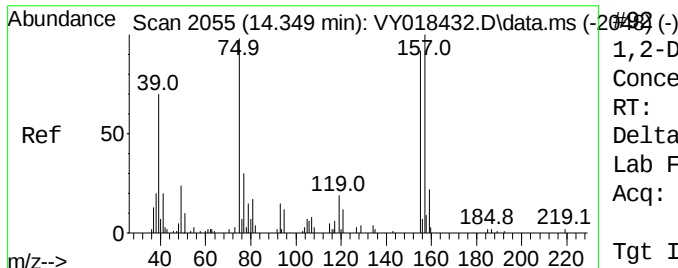


Abundance



Abundance Scan 1936 (13.623 min): VY018443.D\data.ms (-1905) (-)

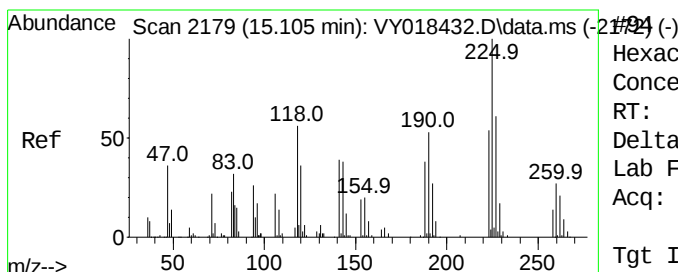
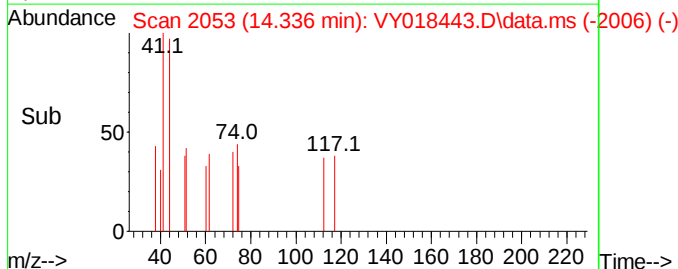
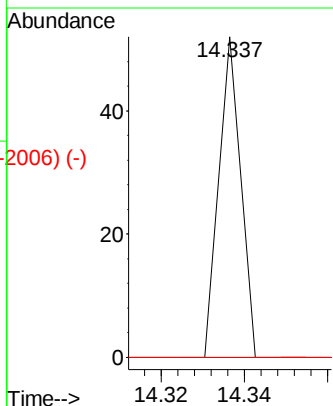
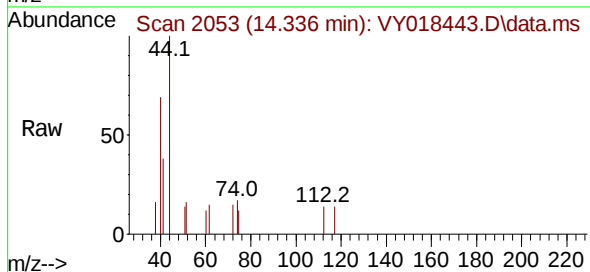




1,2-Dibromo-3-Chloropropane
Concen: 20.276 ug/l
RT: 14.336 min Scan# 2159
Delta R.T. -0.012 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

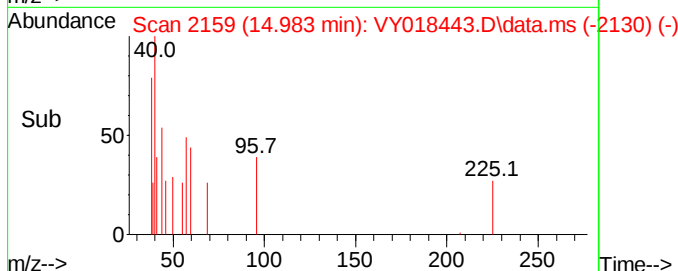
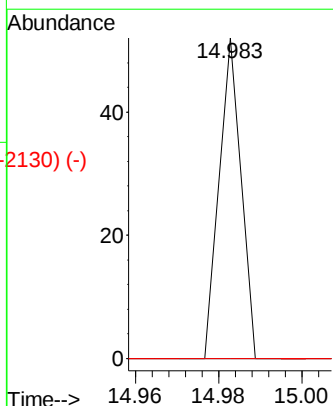
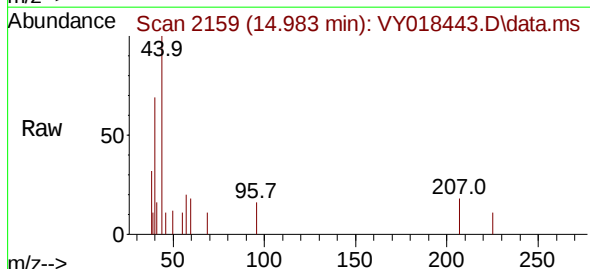
Instrument :
MSVOA_Y
ClientSampleId :
RBR2520258

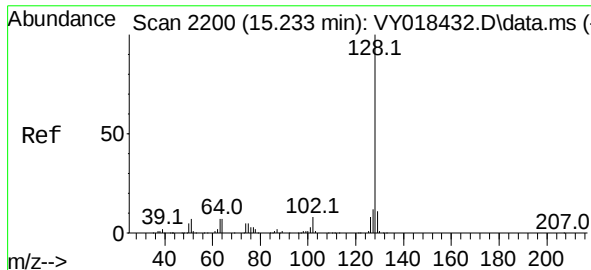
Tgt Ion: 75 Resp: 19
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 0.0 62.7 188.2#



Hexachlorobutadiene
Concen: 5.188 ug/l
RT: 14.983 min Scan# 2159
Delta R.T. -0.122 min
Lab File: VY018443.D
Acq: 03 Jun 2024 16:15

Tgt Ion: 225 Resp: 19
Ion Ratio Lower Upper
225 100
223 0.0 30.4 91.2#
227 0.0 31.9 95.9#





Naphthalene
 Concen: 1.589 ug/l
 RT: 15.397 min Scan# 1
 Delta R.T. 0.165 min
 Lab File: VY018443.D
 Acq: 03 Jun 2024 16:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 RBR2520258

Tgt Ion:	128	Resp:	22
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.6	13.0#

