

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009793.D
 Acq On : 01 Aug 2022 13:55
 Operator : KP/MD
 Sample : N3927-19RE
 Misc : 4.12g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-92

Quant Time: Aug 02 01:38:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

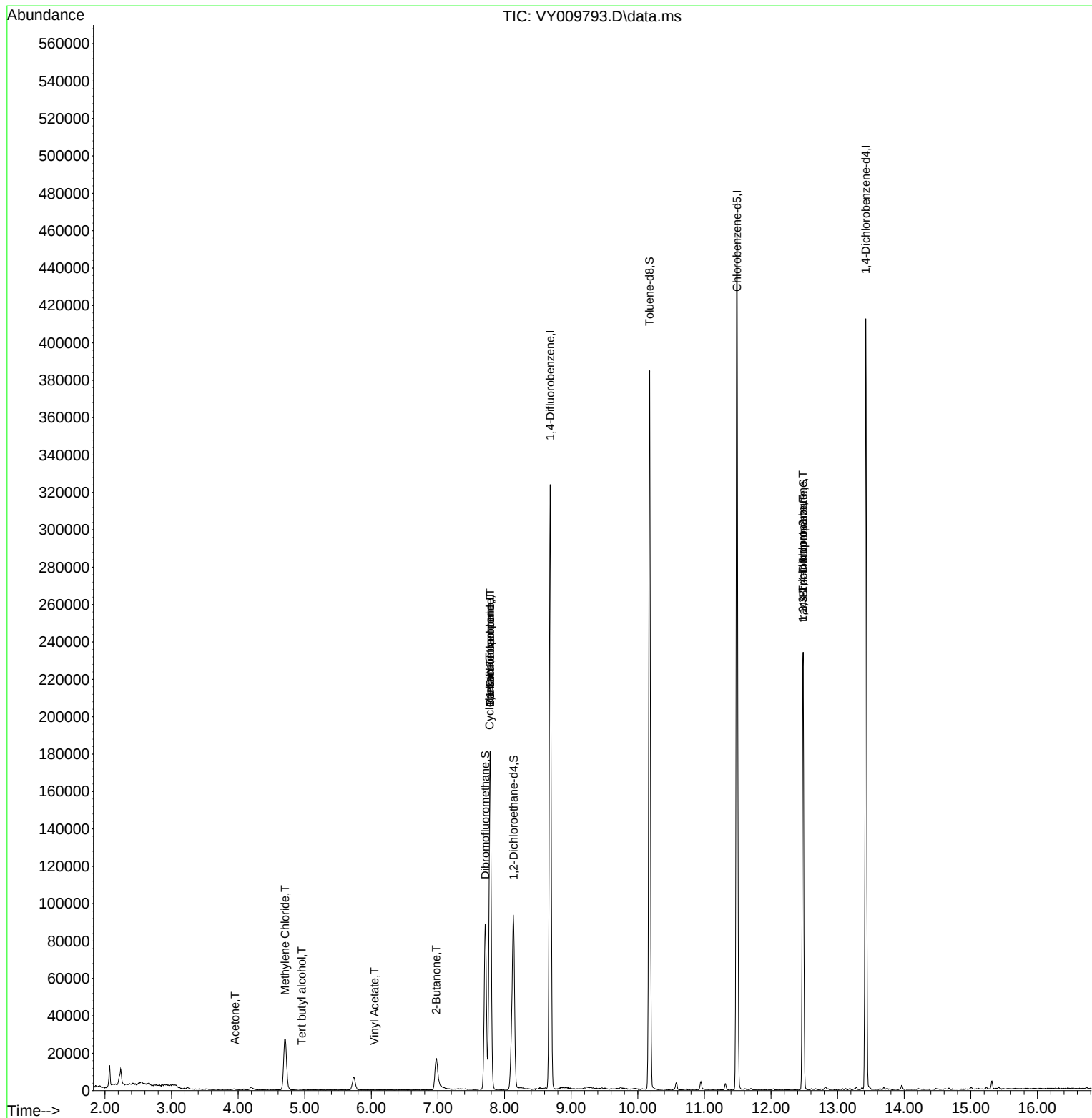
Internal Standards						
1) Pentafluorobenzene	7.783	168	150699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	279681	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	266657	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109454	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	60221	61.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.380%
35) Dibromofluoromethane	7.710	113	61246	40.264	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	80.520%
50) Toluene-d8	10.179	98	257082	58.776	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	117.560%
62) 4-Bromofluorobenzene	12.483	95	66288	32.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	65.740%
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.954	59	584	3.135	ug/l #	77
16) Acetone	3.954	43	810	2.248	ug/l #	78
18) Methyl Acetate	4.466	43	188	Below Cal	#	56
20) Methylene Chloride	4.704	84	21263	3.236	ug/l	86
23) Vinyl Acetate	6.045	43	201	7.541	ug/l #	75
25) 2-Butanone	6.972	43	1169	2.199	ug/l #	54
31) Cyclohexane	7.777	56	2751	1.147	ug/l #	3
36) 1,1-Dichloropropene	7.783	75	10849	4.383	ug/l #	50
38) Carbon Tetrachloride	7.783	117	13335	5.028	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	34017	33.459	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	34017	66.694	ug/l #	7

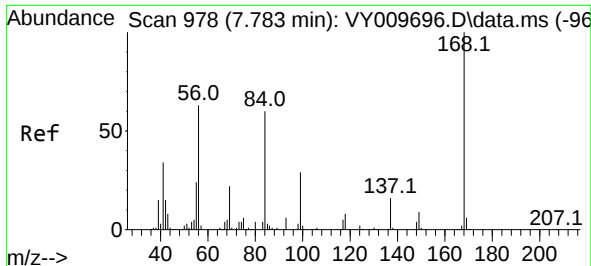
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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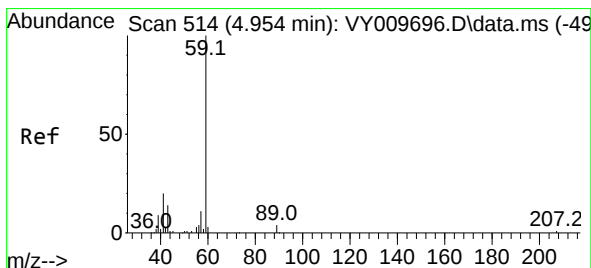
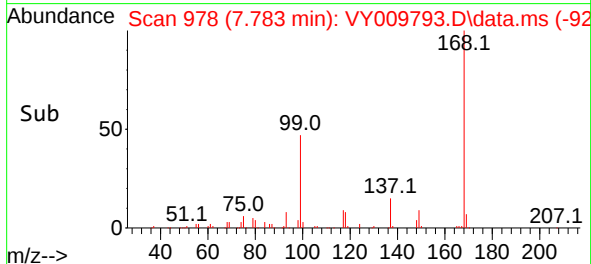
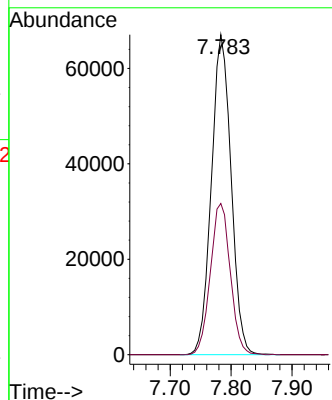
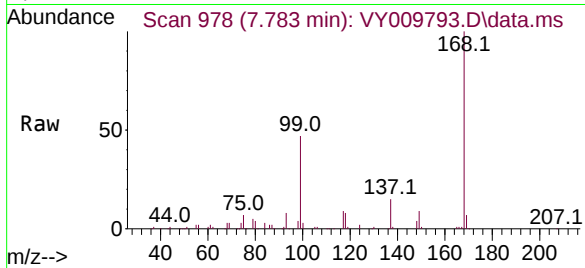




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

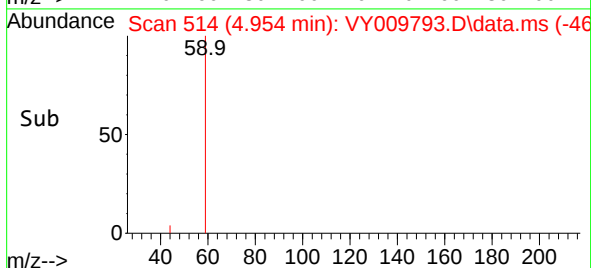
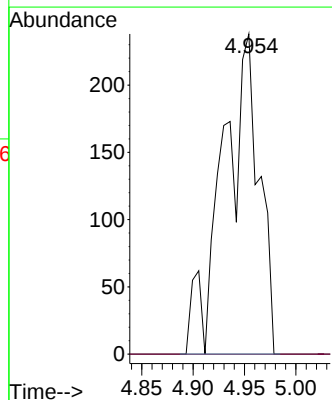
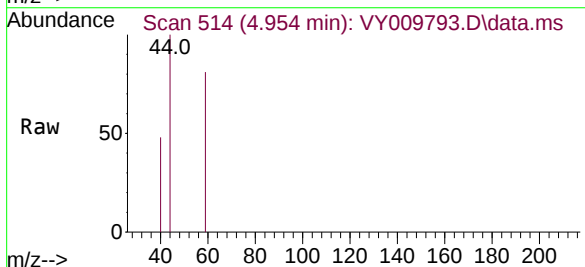
Instrument :
MSVOA_Y
ClientSampleId :
RVE-92

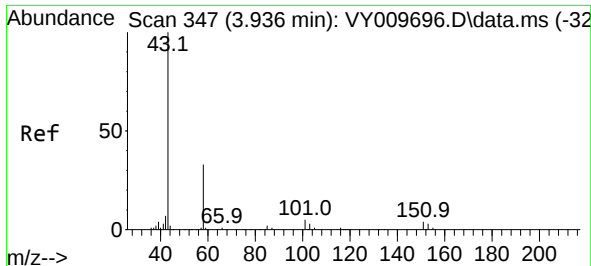
Tgt Ion:168 Resp: 150699
Ion Ratio Lower Upper
168 100
99 47.3 46.9 70.3



#11
Tert butyl alcohol
Concen: 3.135 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.000 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

Tgt Ion: 59 Resp: 584
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

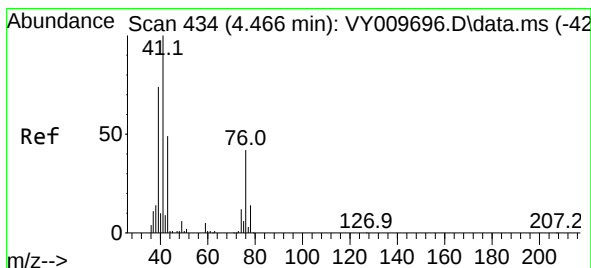
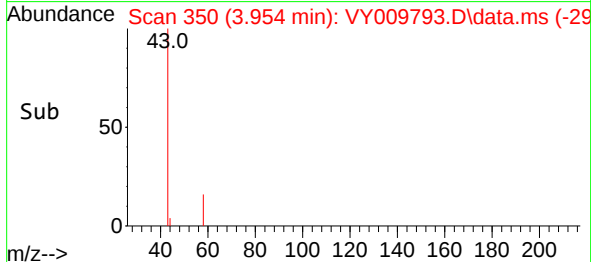
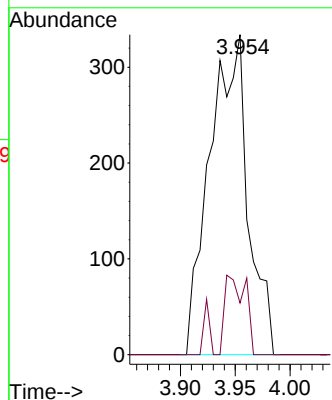
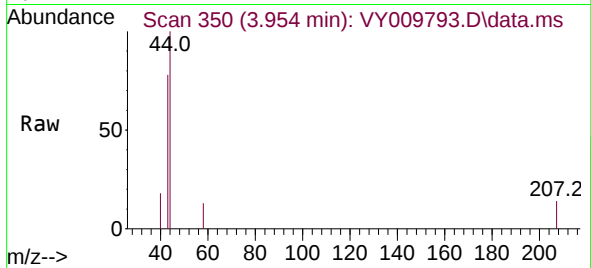




#16
Acetone
Concen: 2.248 ug/l
RT: 3.954 min Scan# 31
Delta R.T. 0.018 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

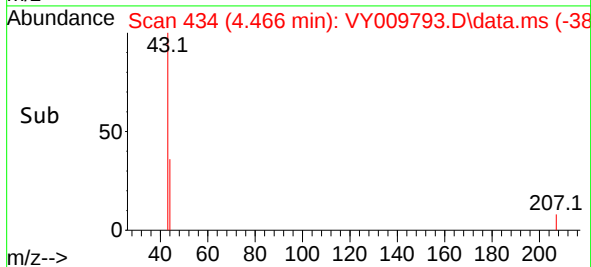
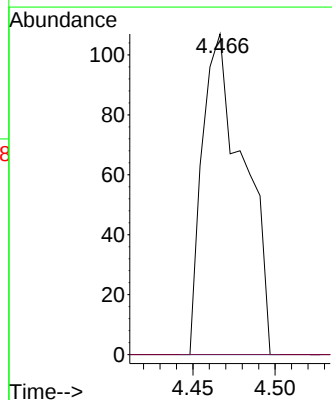
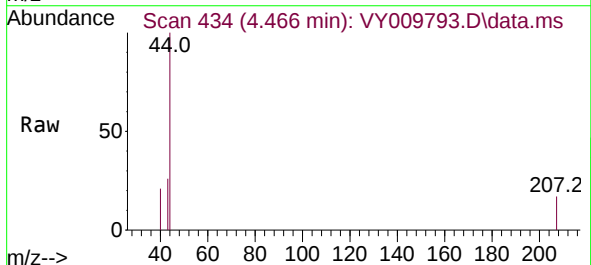
Instrument :
MSVOA_Y
ClientSampleId :
RVE-92

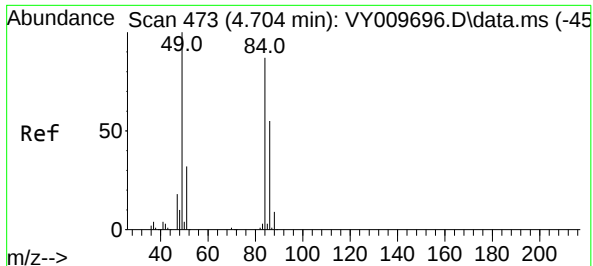
Tgt Ion: 43 Resp: 810
Ion Ratio Lower Upper
43 100
58 16.2 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 434
Delta R.T. 0.000 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

Tgt Ion: 43 Resp: 188
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

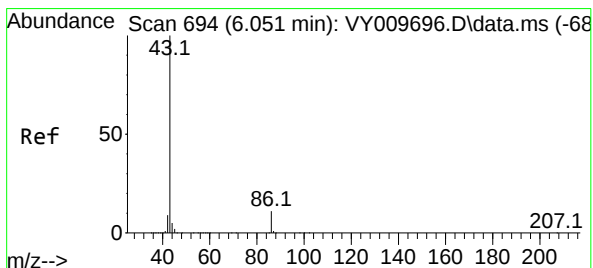
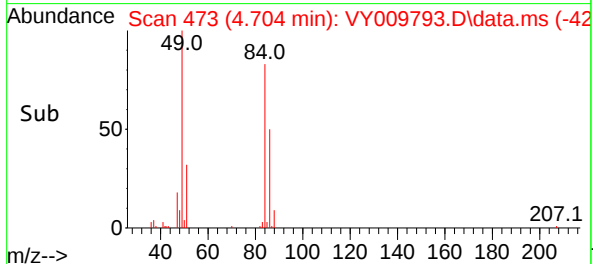
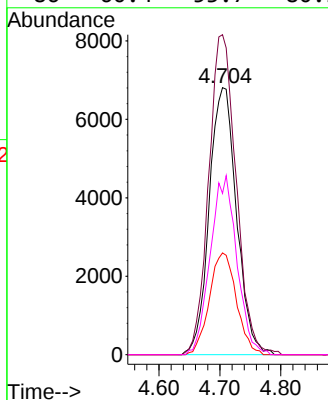
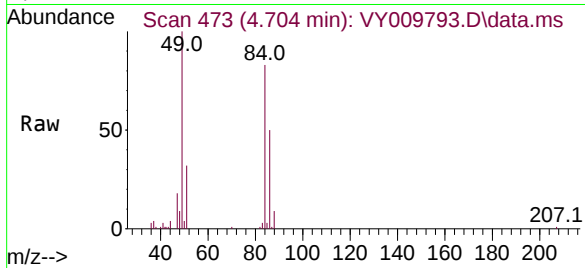




#20
Methylene Chloride
Concen: 3.236 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

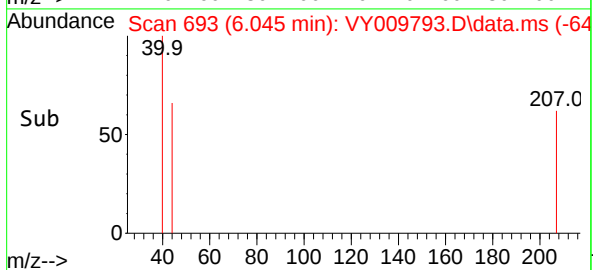
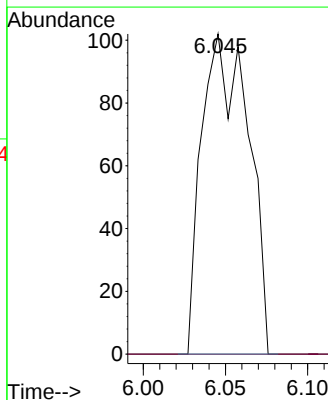
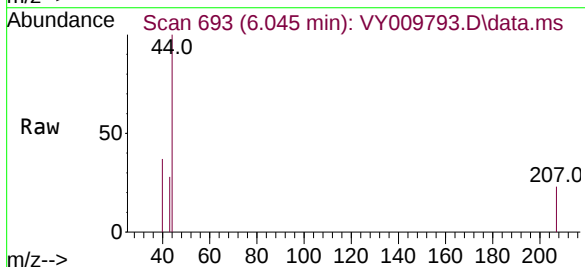
Instrument :
MSVOA_Y
ClientSampleId :
RVE-92

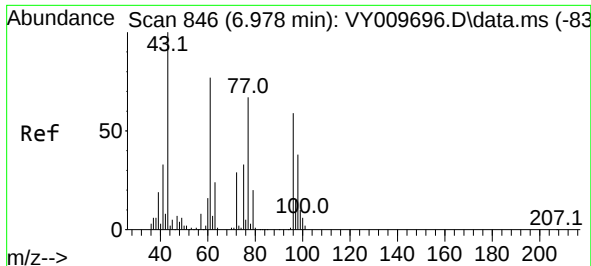
Tgt Ion: 84	Resp: 21263		
Ion	Ratio	Lower	Upper
84	100		
49	119.8	114.4	171.6
51	38.1	35.3	52.9
86	60.4	53.7	80.5



#23
Vinyl Acetate
Concen: 7.541 ug/l
RT: 6.045 min Scan# 693
Delta R.T. -0.006 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

Tgt Ion: 43	Resp: 201		
Ion Ratio	Lower	Upper	
43 100			
86 0.0	7.1	10.7#	

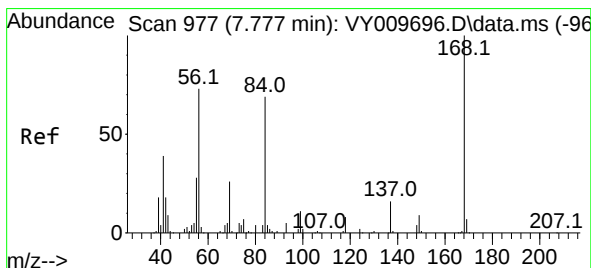
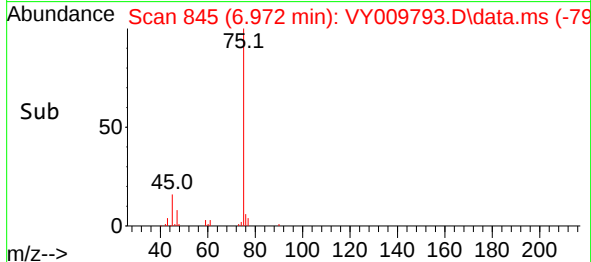
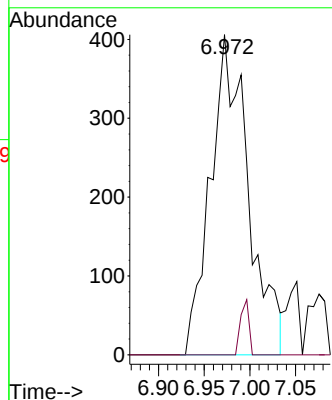
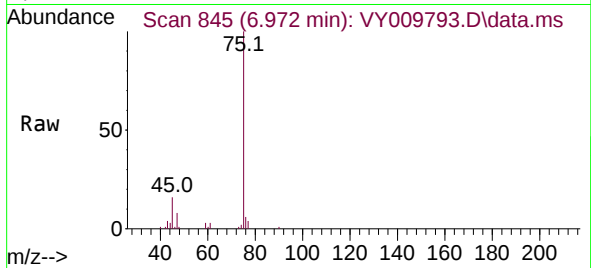




#25
2-Butanone
Concen: 2.199 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

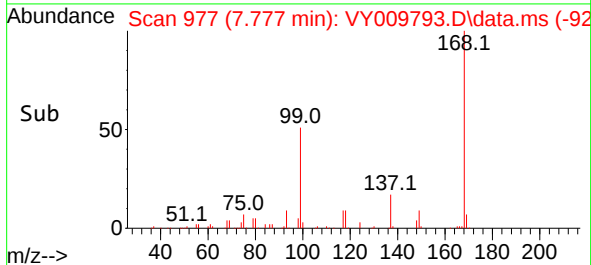
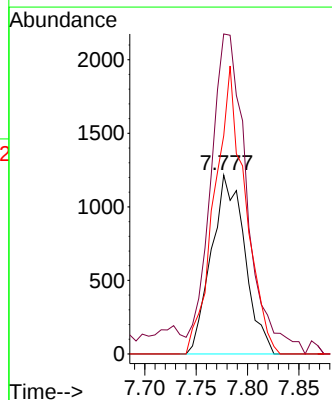
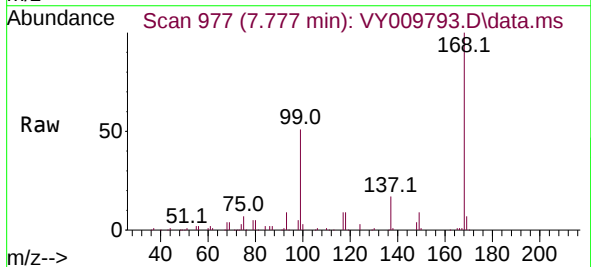
Instrument :
MSVOA_Y
ClientSampleId :
RVE-92

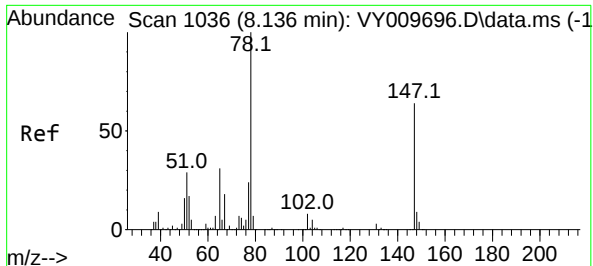
Tgt Ion: 43 Resp: 1169
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.147 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.000 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

Tgt Ion: 56 Resp: 2751
Ion Ratio Lower Upper
56 100
69 168.0 26.7 40.1#
84 122.0 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 61.193 ug/l

RT: 8.137 min Scan# 1

Delta R.T. 0.001 min

Lab File: VY009793.D

Acq: 01 Aug 2022 13:55

Instrument :

MSVOA_Y

ClientSampleId :

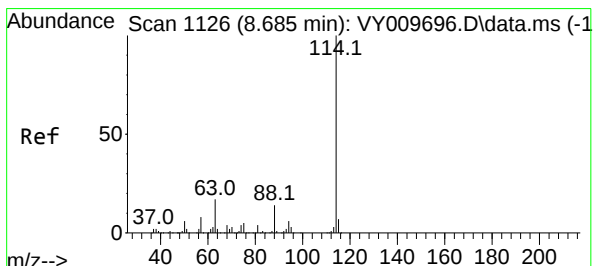
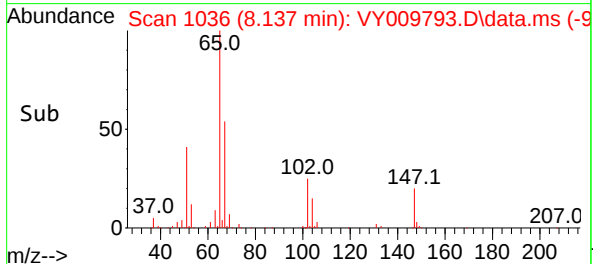
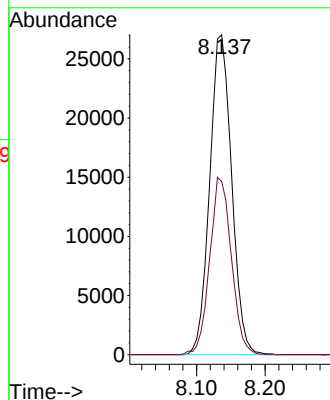
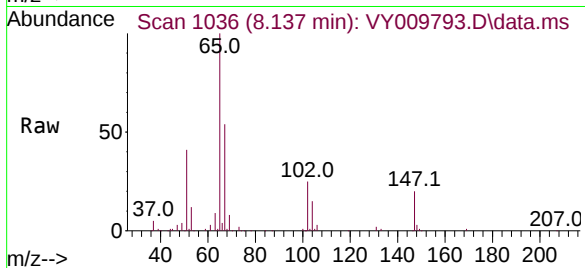
RVE-92

Tgt Ion: 65 Resp: 60221

Ion Ratio Lower Upper

65 100

67 54.8 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009793.D

Acq: 01 Aug 2022 13:55

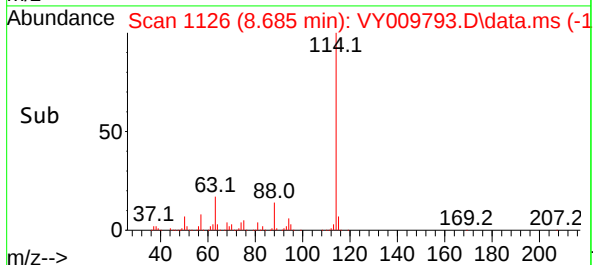
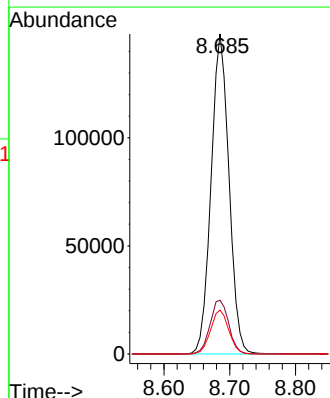
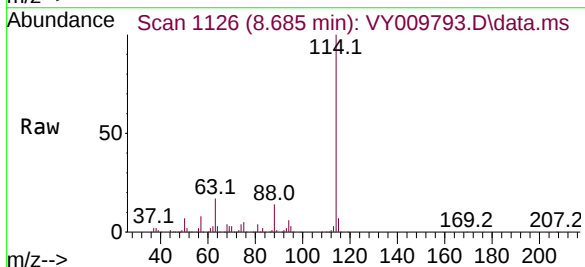
Tgt Ion:114 Resp: 279681

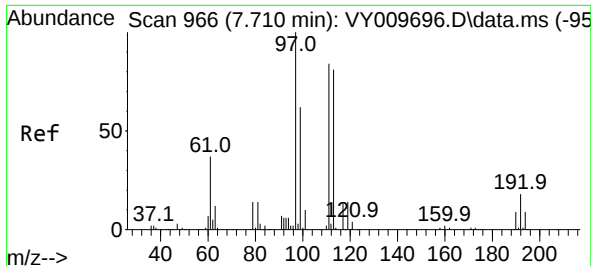
Ion Ratio Lower Upper

114 100

63 16.8 0.0 43.2

88 13.7 0.0 31.8

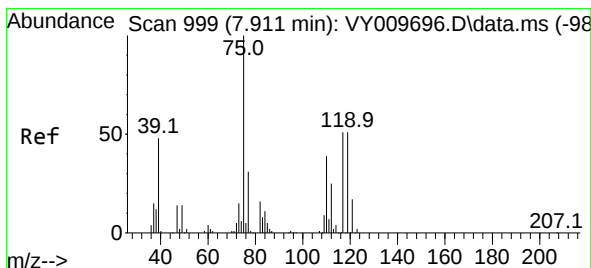
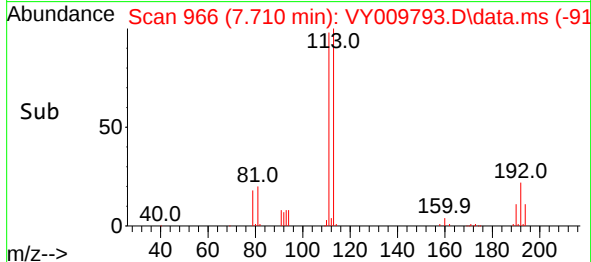
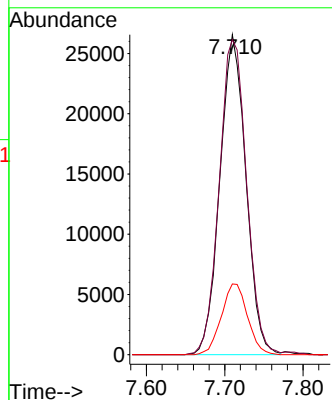
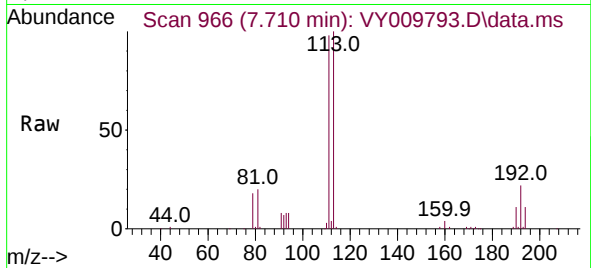




#35
Dibromofluoromethane
Concen: 40.264 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

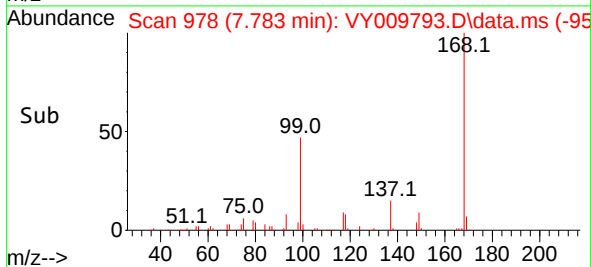
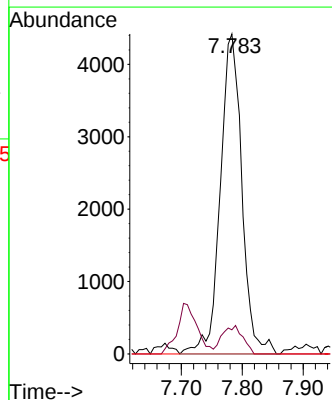
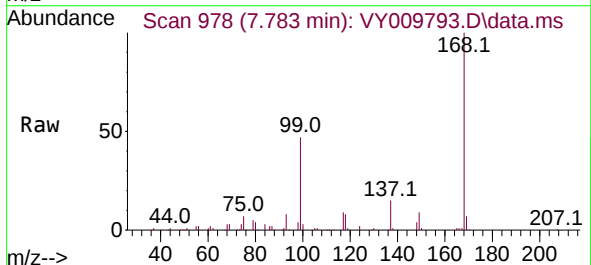
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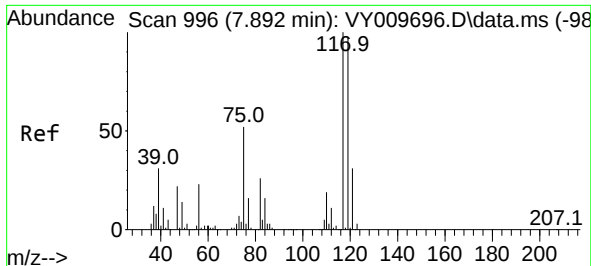
Tgt Ion:113 Resp: 61246
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 22.2 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.383 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

Tgt Ion: 75 Resp: 10849
Ion Ratio Lower Upper
75 100
110 8.4 17.1 51.2#
77 0.0 24.4 36.6#

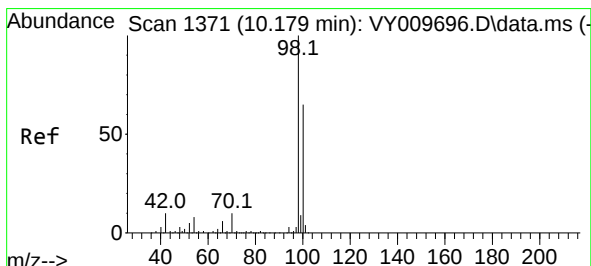
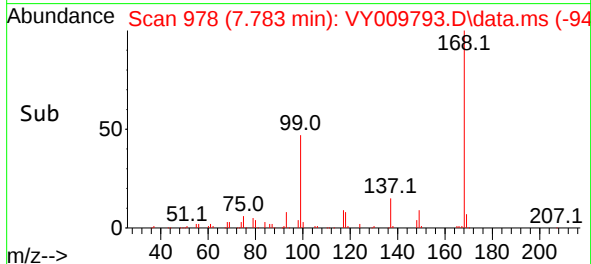
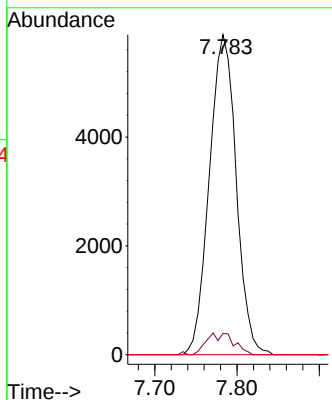
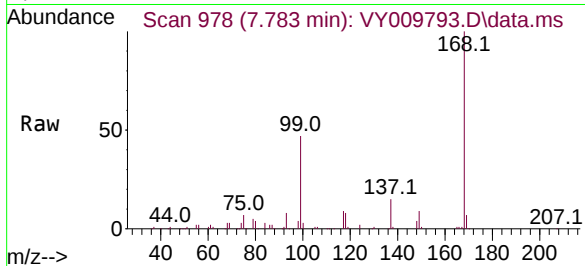




#38
Carbon Tetrachloride
Concen: 5.028 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.109 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

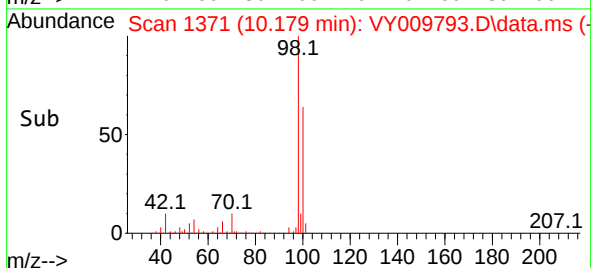
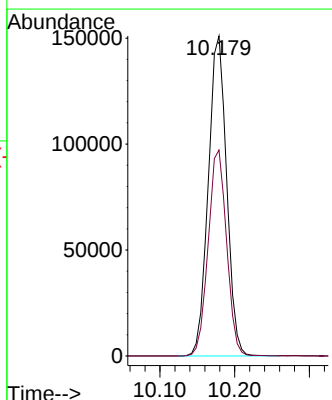
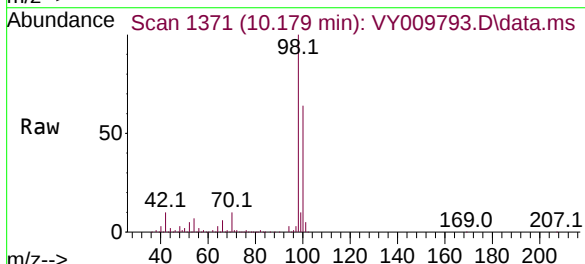
Instrument :
MSVOA_Y
ClientSampleId :
RVE-92

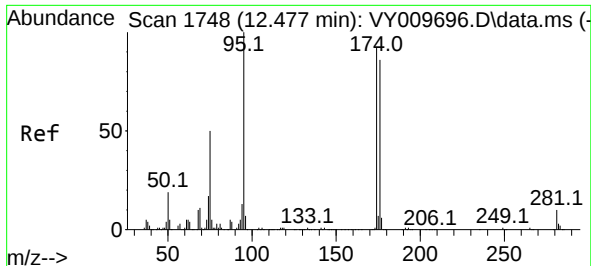
Tgt Ion:117 Resp: 13335
Ion Ratio Lower Upper
117 100
119 6.6 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 58.776 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

Tgt Ion: 98 Resp: 257082
Ion Ratio Lower Upper
98 100
100 64.7 50.2 75.2

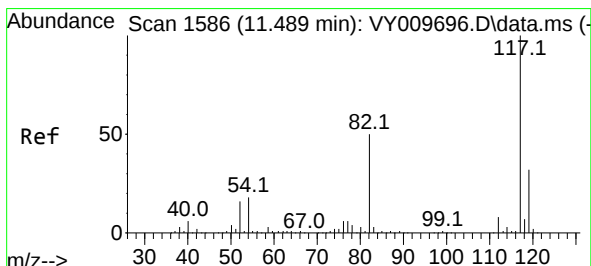
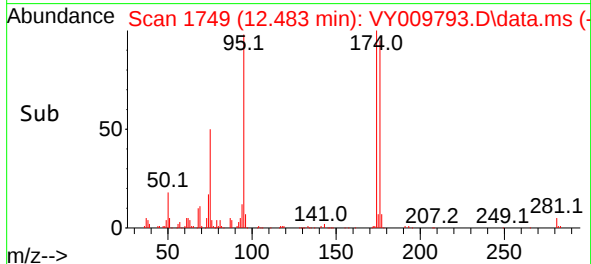
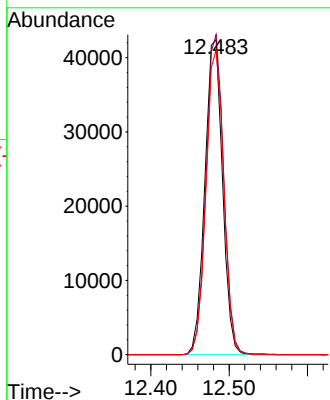
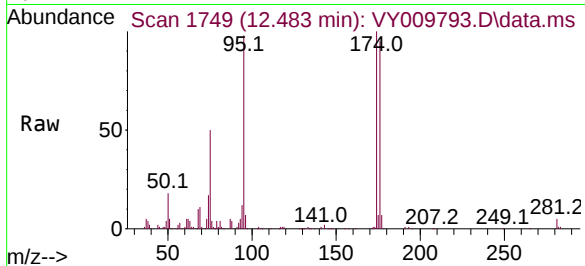




#62
4-Bromofluorobenzene
Concen: 32.865 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

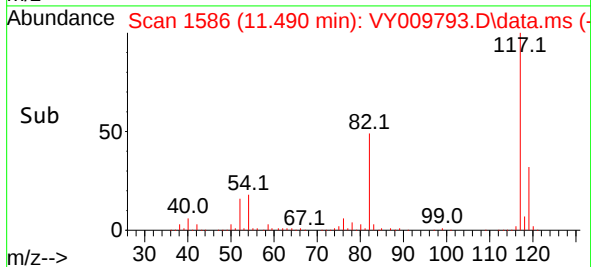
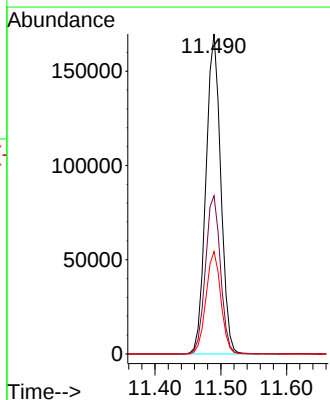
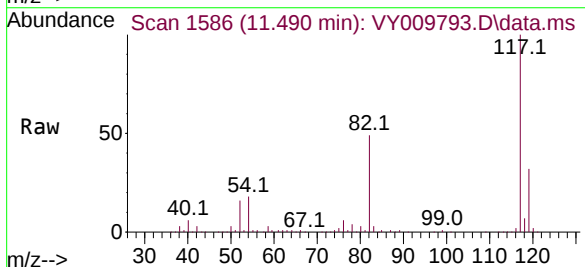
Instrument :
MSVOA_Y
ClientSampleId :
RVE-92

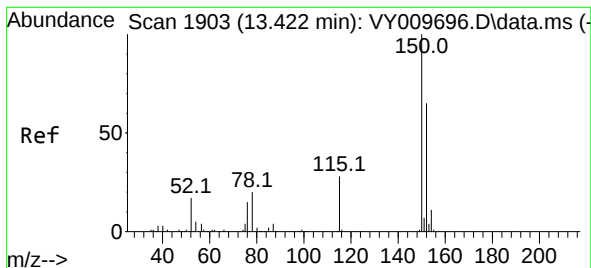
Tgt Ion: 95 Resp: 66288
Ion Ratio Lower Upper
95 100
174 102.1 0.0 177.0
176 96.7 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.001 min
Lab File: VY009793.D
Acq: 01 Aug 2022 13:55

Tgt Ion: 117 Resp: 266657
Ion Ratio Lower Upper
117 100
82 49.5 43.0 64.4
119 32.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009793.D

Acq: 01 Aug 2022 13:55

Instrument :

MSVOA_Y

ClientSampleId :

RVE-92

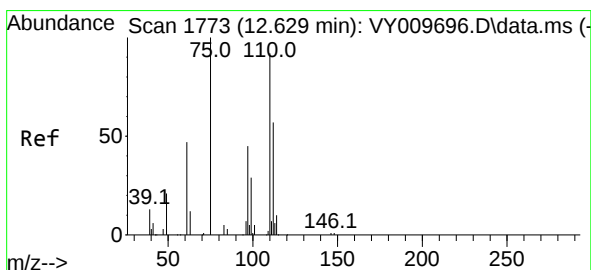
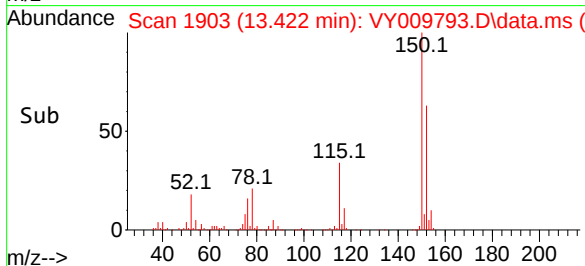
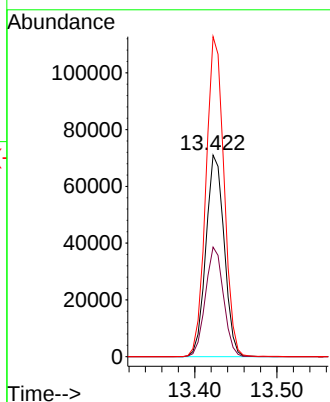
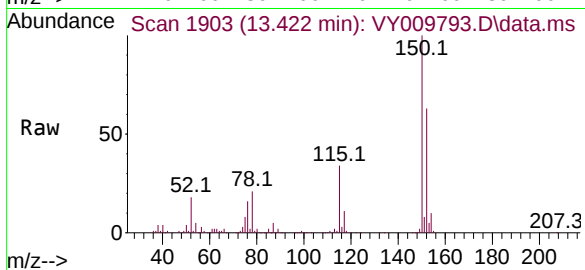
Tgt Ion:152 Resp: 109454

Ion Ratio Lower Upper

152 100

115 53.9 28.2 84.7

150 157.0 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 33.459 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.152 min

Lab File: VY009793.D

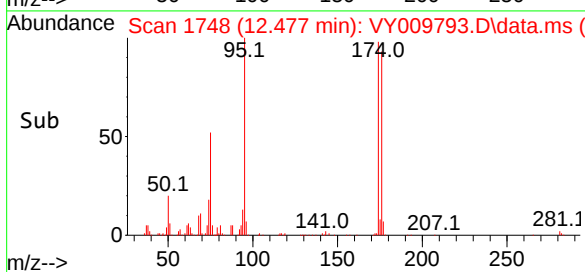
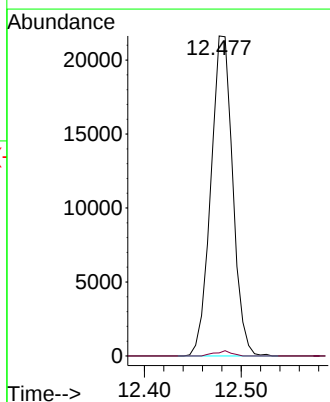
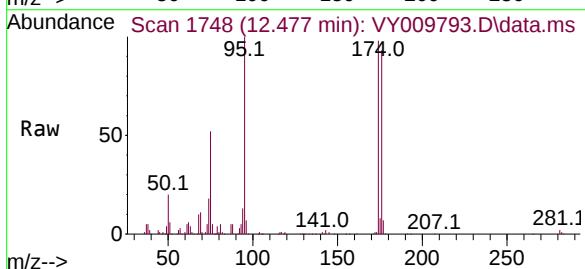
Acq: 01 Aug 2022 13:55

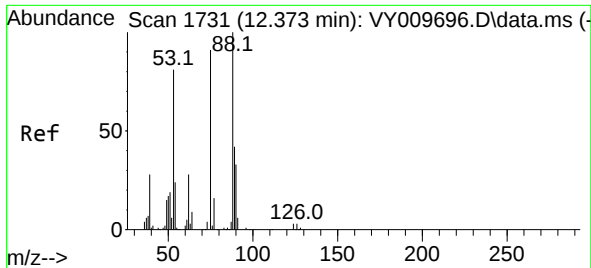
Tgt Ion: 75 Resp: 34017

Ion Ratio Lower Upper

75 100

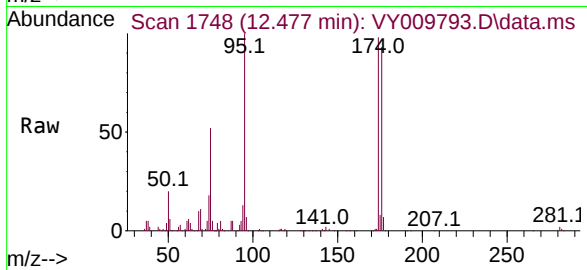
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 66.694 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009793.D
 Acq: 01 Aug 2022 13:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 RVE-92



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.0	37.0	55.4#

