

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008048.D
 Acq On : 26 Mar 2022 16:02
 Operator : SY/MD
 Sample : N2095-09
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-09-3.0-4.0

Quant Time: Mar 28 09:29:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	29558	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	52223	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	46707	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	17810	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18175	61.287	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	122.580%
35) Dibromofluoromethane	7.722	113	17001	51.924	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.840%
50) Toluene-d8	10.179	98	61383	49.760	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.520%
62) 4-Bromofluorobenzene	12.483	95	19468	44.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.460%

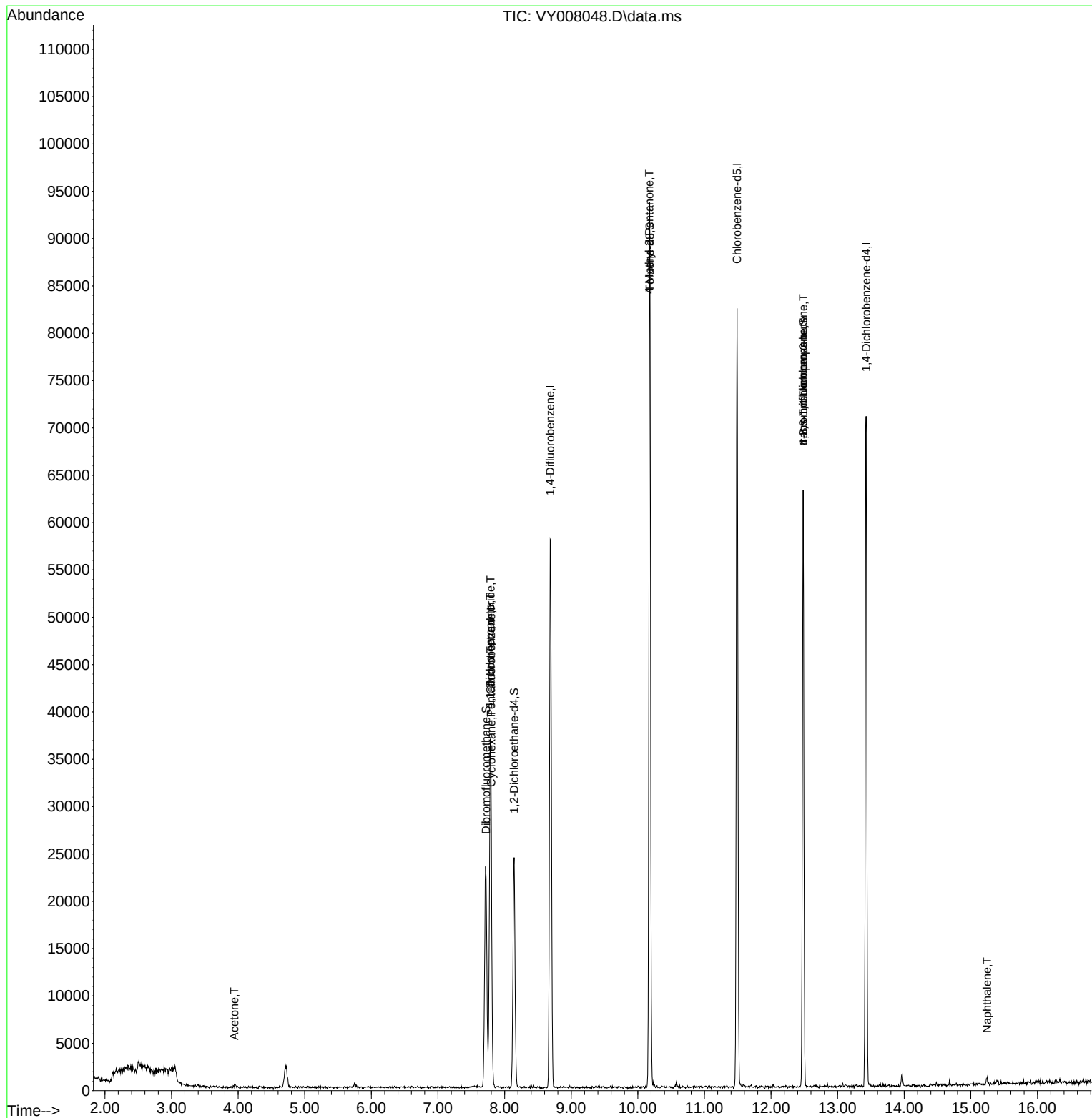
Target Compounds					Qvalue	
16) Acetone	3.942	43	565	8.335	ug/l #	47
18) Methyl Acetate	4.472	43	25	Below Cal	#	56
20) Methylene Chloride	4.710	84	1058	Below Cal	#	78
31) Cyclohexane	7.801	56	570	1.028	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	2463	4.789	ug/l #	48
38) Carbon Tetrachloride	7.789	117	2857	5.097	ug/l #	11
51) 4-Methyl-2-Pentanone	10.173	43	274	1.152	ug/l #	1
76) 1,2,3-Trichloropropane	12.483	75	10328	47.571	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.483	75	10328	106.140	ug/l #	7
95) Naphthalene	15.245	128	965	1.238	ug/l #	81

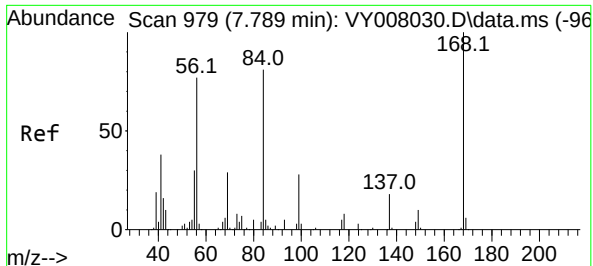
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
SB-09-3.0-4.0

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 26 03:24:51 2022
Response via : Initial Calibration

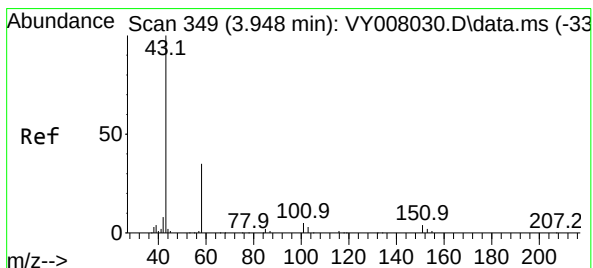
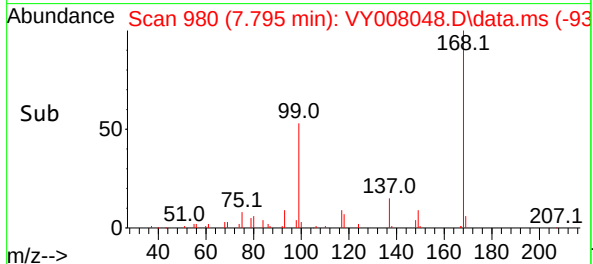
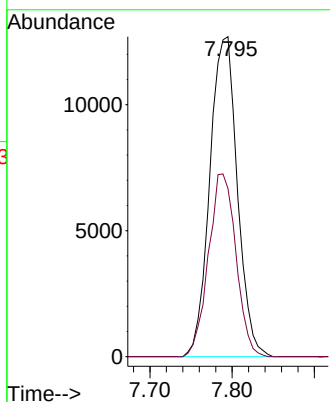
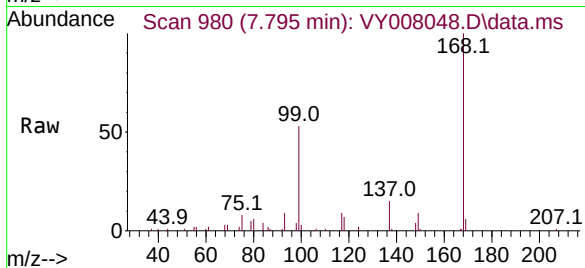




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

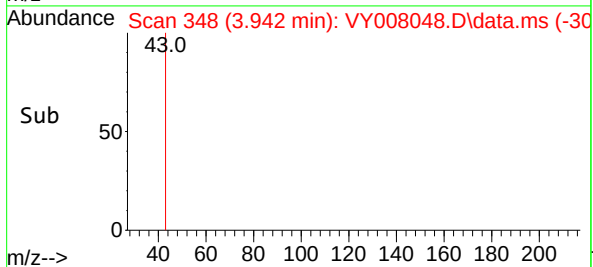
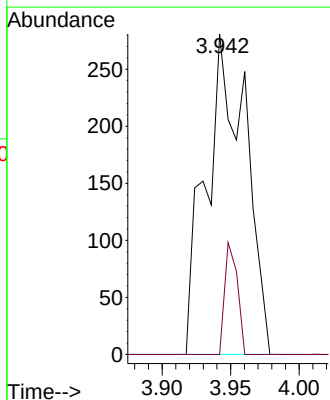
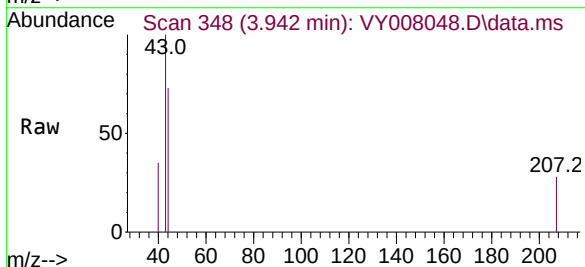
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MSVOA_Y
ClientSampleId :
SB-09-3.0-4.0

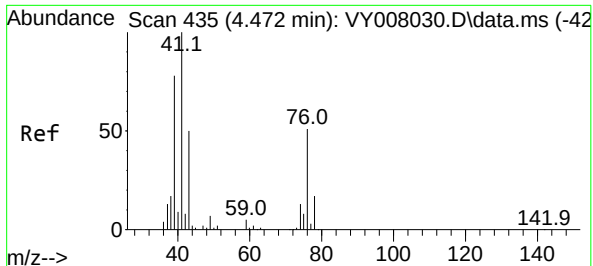
Tgt Ion:168 Resp: 29558
Ion Ratio Lower Upper
168 100
99 52.5 46.9 70.3



#16
Acetone
Concen: 8.335 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

Tgt Ion: 43 Resp: 565
Ion Ratio Lower Upper
43 100
58 0.0 22.0 33.0#

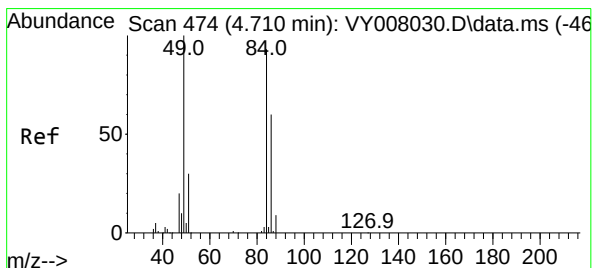
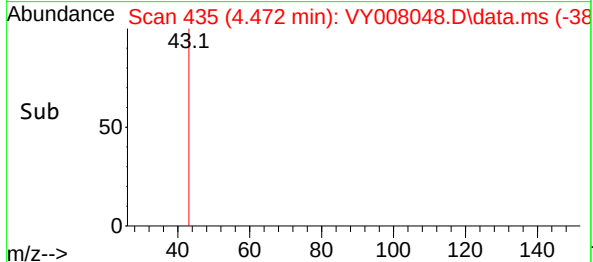
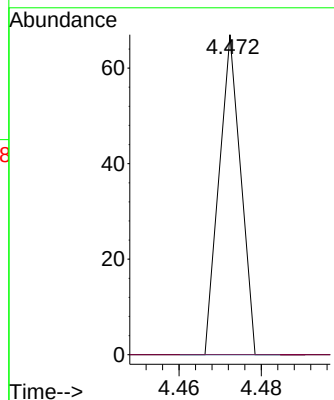
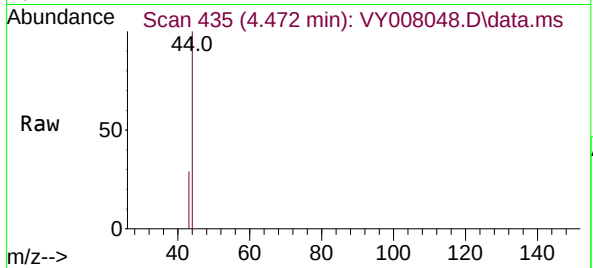




#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

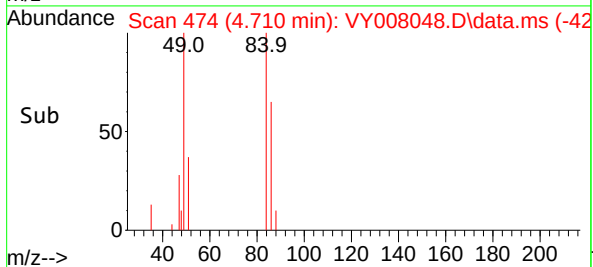
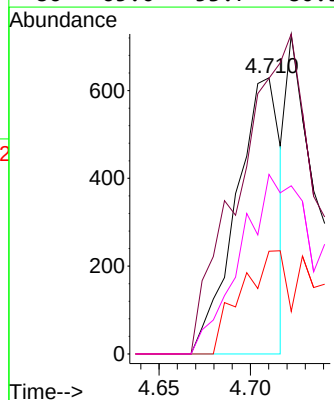
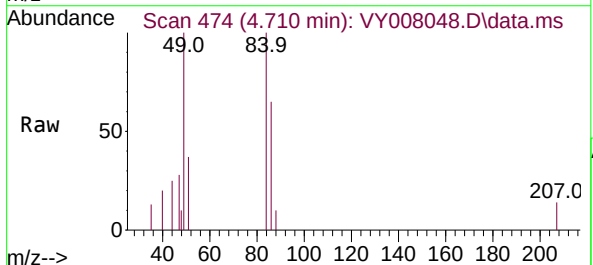
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-3.0-4.0

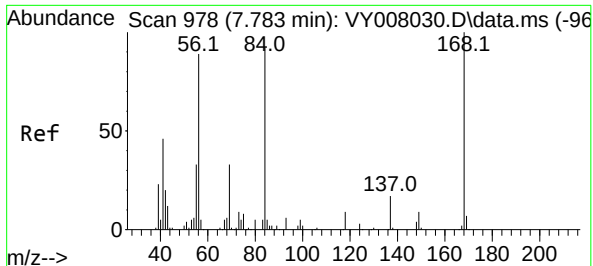
Tgt Ion: 43 Resp: 25
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

Tgt Ion: 84 Resp: 1058
Ion Ratio Lower Upper
84 100
49 99.8 114.4 171.6#
51 37.2 35.3 52.9
86 65.0 53.7 80.5

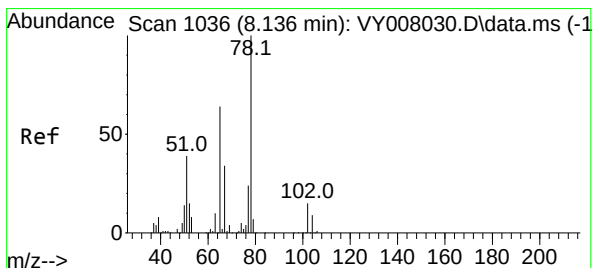
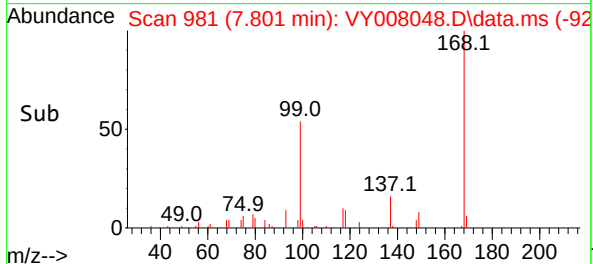
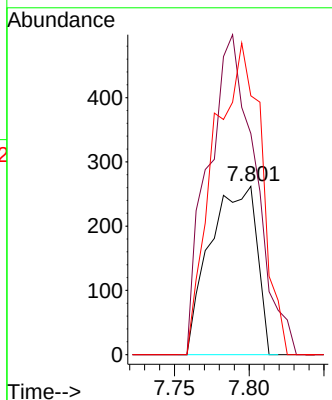
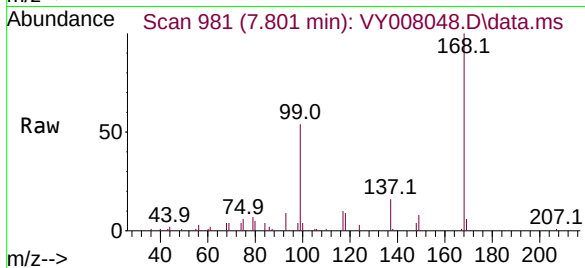




#31
Cyclohexane
Concen: 1.028 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

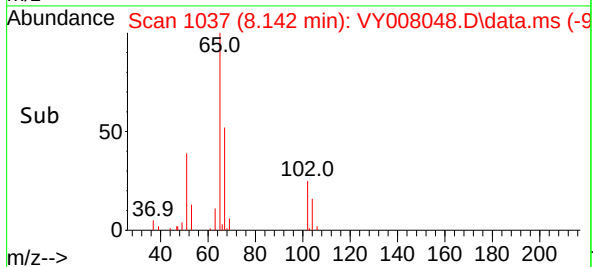
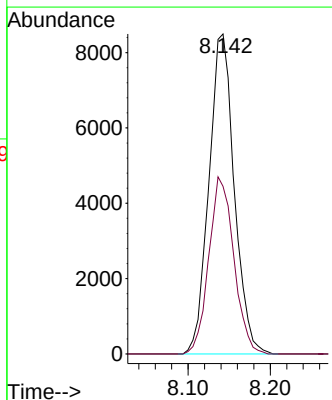
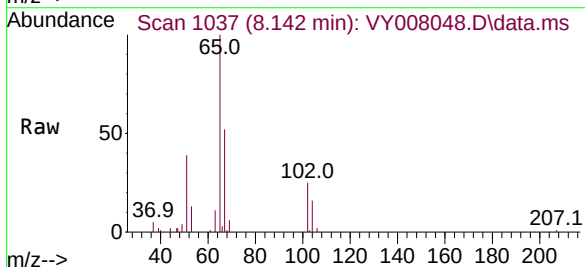
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-3.0-4.0

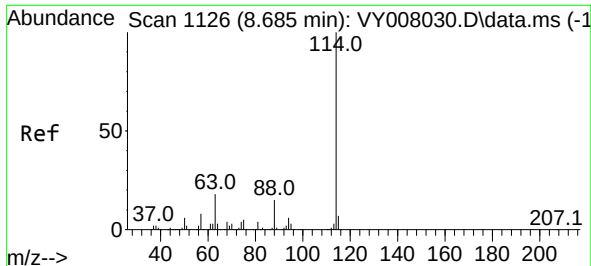
Tgt Ion: 56 Resp: 570
Ion Ratio Lower Upper
56 100
69 131.3 26.7 40.1#
84 153.8 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 61.287 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

Tgt Ion: 65 Resp: 18175
Ion Ratio Lower Upper
65 100
67 54.6 0.0 99.4

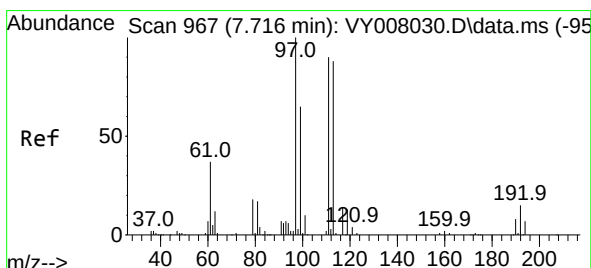
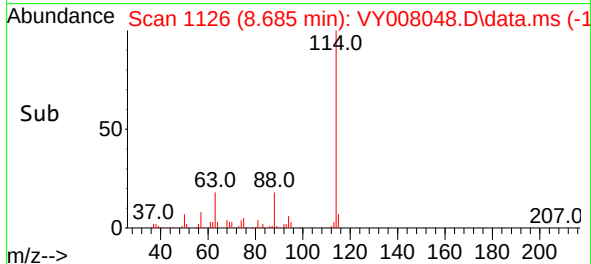
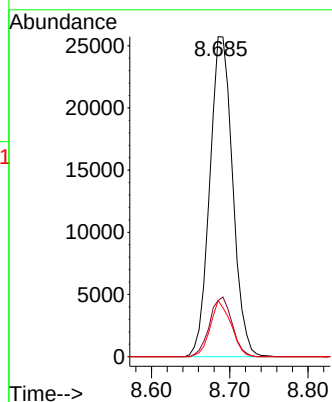
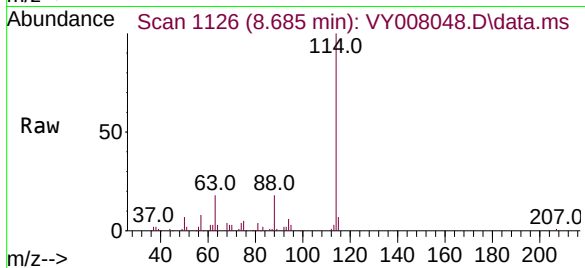




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY008048.D
 Acq: 26 Mar 2022 16:02

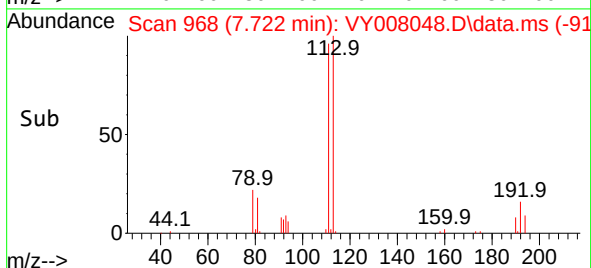
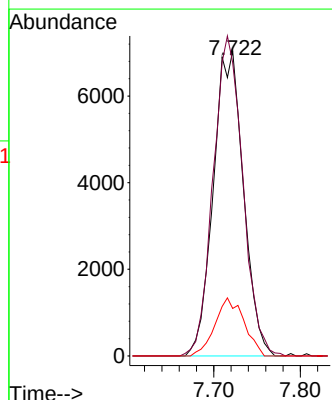
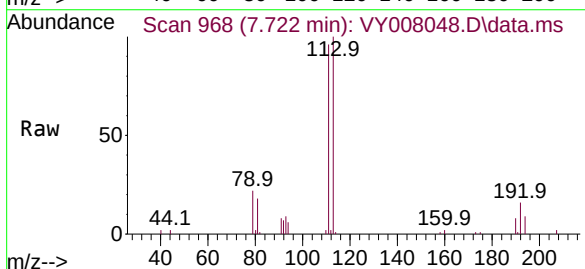
Instrument :
 MSVOA_Y
 ClientSampleId :
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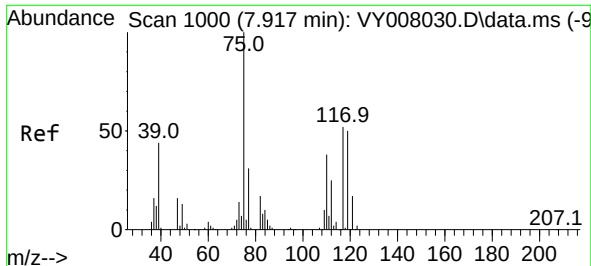
Tgt Ion:	114	Resp:	52223
Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	43.2
88	17.5	0.0	31.8



#35
 Dibromofluoromethane
 Concen: 51.924 ug/l
 RT: 7.722 min Scan# 968
 Delta R.T. 0.006 min
 Lab File: VY008048.D
 Acq: 26 Mar 2022 16:02

Tgt Ion:	113	Resp:	17001
Ion	Ratio	Lower	Upper
113	100		
111	103.0	82.6	124.0
192	18.4	17.6	26.4

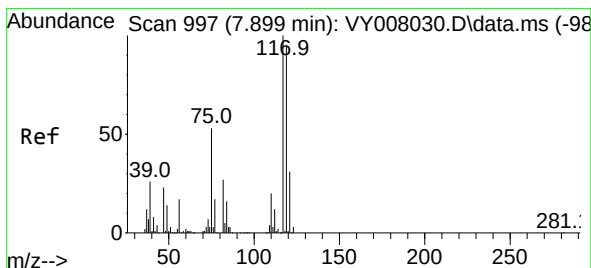
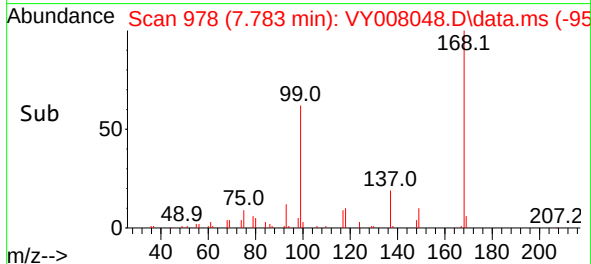
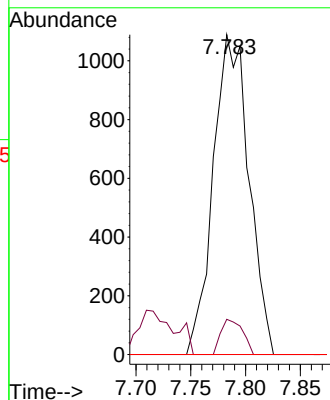
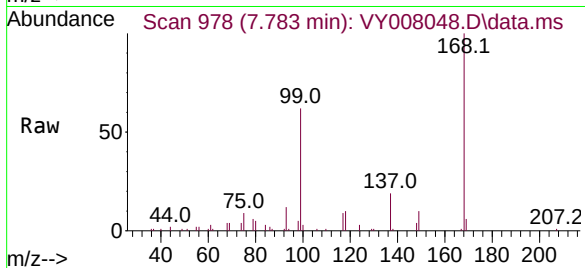




#36
 1,1-Dichloropropene
 Concen: 4.789 ug/l
 RT: 7.783 min Scan# 91
 Delta R.T. -0.134 min
 Lab File: VY008048.D
 Acq: 26 Mar 2022 16:02

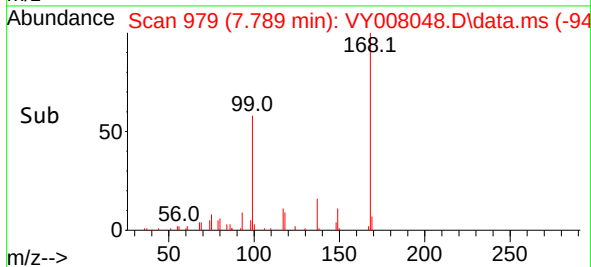
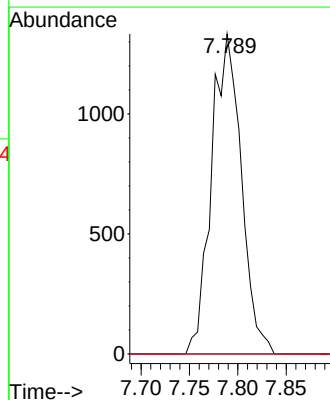
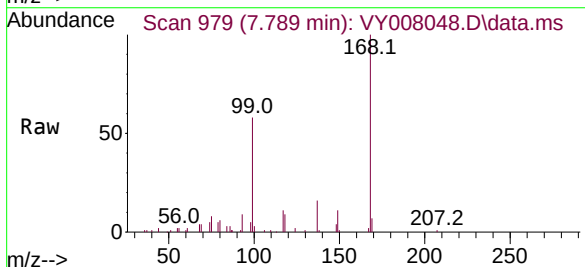
Instrument :
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 ClientSampleId :
 SB-09-3.0-4.0

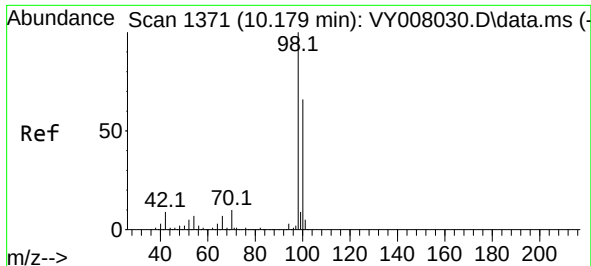
Tgt Ion: 75 Resp: 2463
 Ion Ratio Lower Upper
 75 100
 110 6.7 17.1 51.2#
 77 0.0 24.4 36.6#



#38
 Carbon Tetrachloride
 Concen: 5.097 ug/l
 RT: 7.789 min Scan# 979
 Delta R.T. -0.110 min
 Lab File: VY008048.D
 Acq: 26 Mar 2022 16:02

Tgt Ion: 117 Resp: 2857
 Ion Ratio Lower Upper
 117 100
 119 0.0 77.9 116.9#
 121 0.0 24.8 37.2#

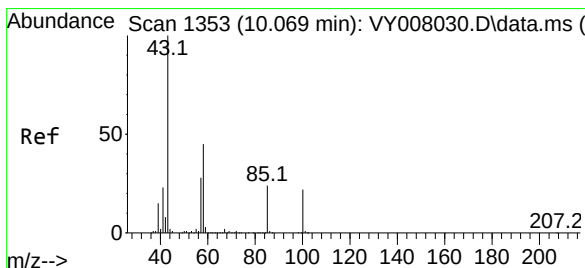
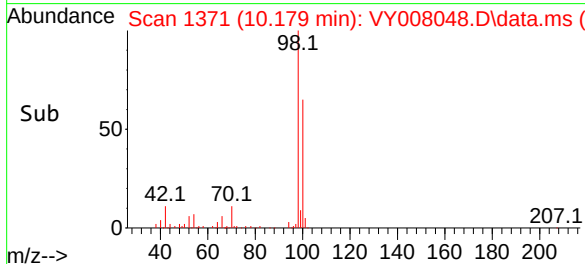
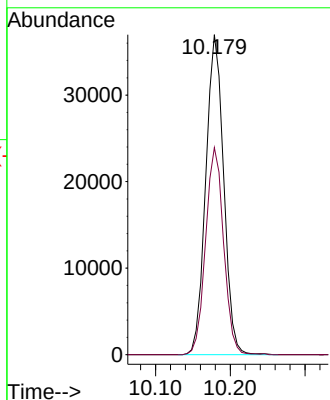
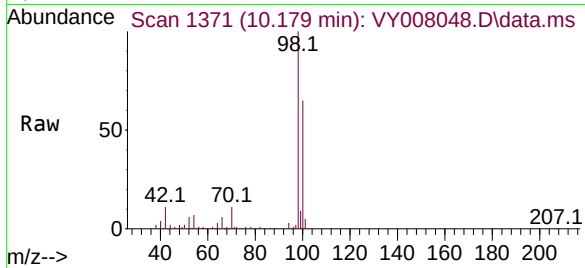




#50
Toluene-d8
Concen: 49.760 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

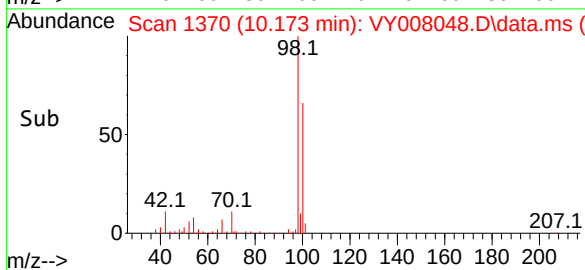
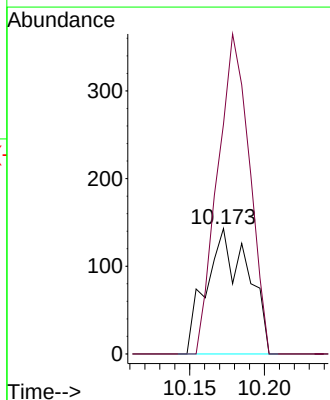
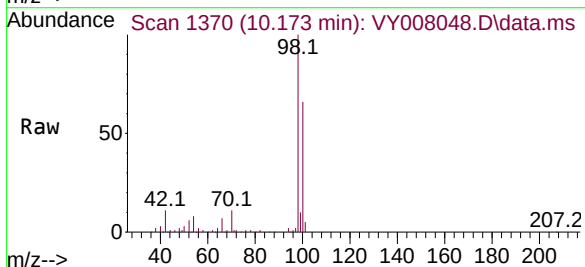
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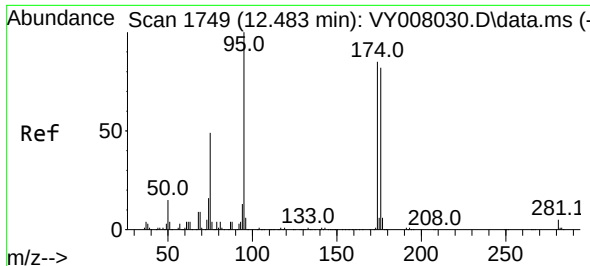
Tgt Ion: 98 Resp: 61383
Ion Ratio Lower Upper
98 100
100 65.2 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.152 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. 0.104 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

Tgt Ion: 43 Resp: 274
Ion Ratio Lower Upper
43 100
58 197.1 28.1 42.1#

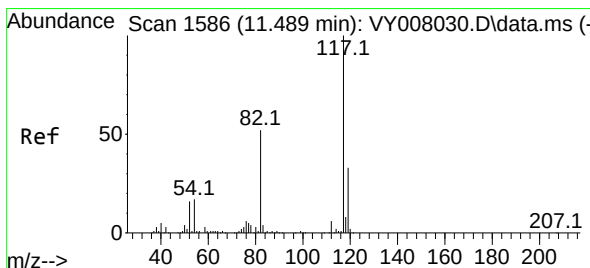
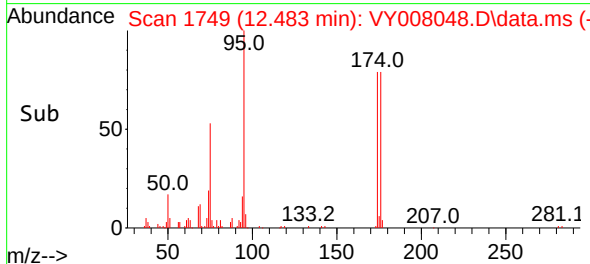
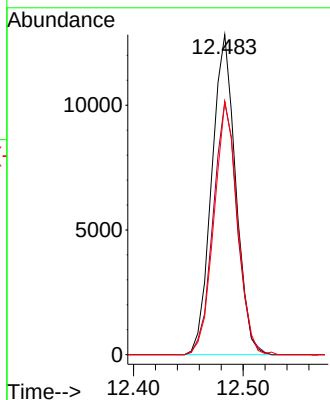
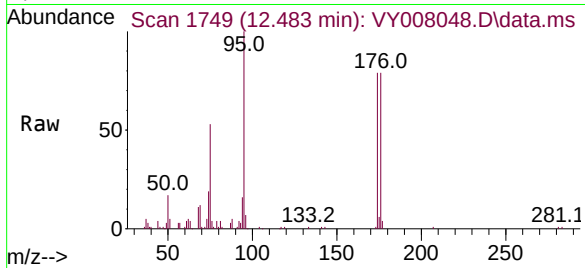




#62
4-Bromofluorobenzene
Concen: 44.733 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

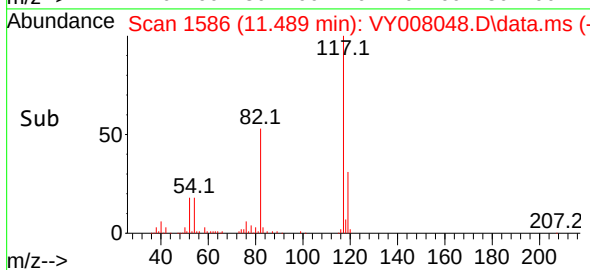
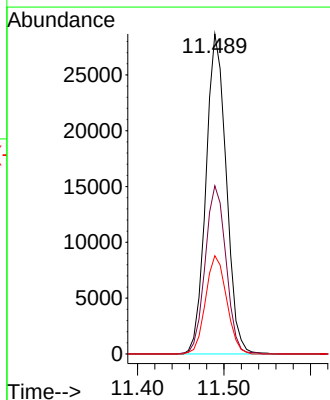
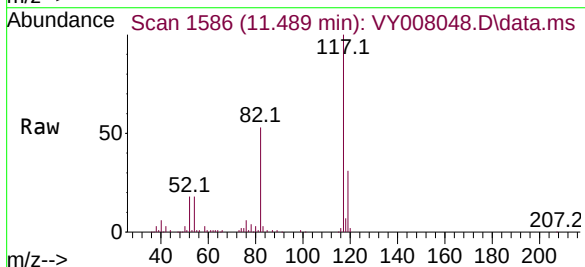
Instrument :
MSVOA_Y
ClientSampleId :
SB-09-3.0-4.0

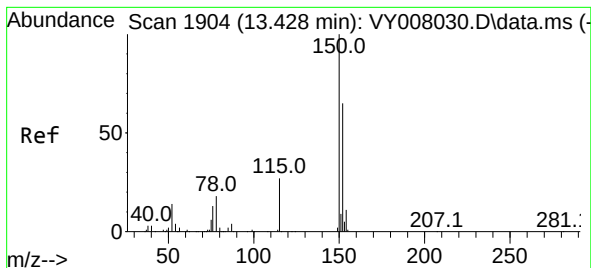
Tgt Ion: 95 Resp: 19468
Ion Ratio Lower Upper
95 100
174 79.1 0.0 177.0
176 77.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

Tgt Ion: 117 Resp: 46707
Ion Ratio Lower Upper
117 100
82 52.5 43.0 64.4
119 30.7 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008048.D

Acq: 26 Mar 2022 16:02

Instrument :

MSVOA_Y

ClientSampleId :

SB-09-3.0-4.0

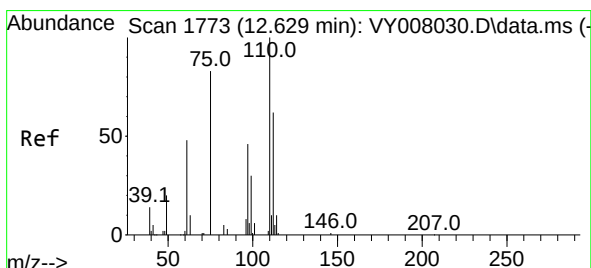
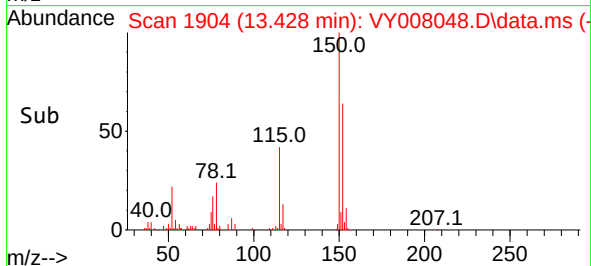
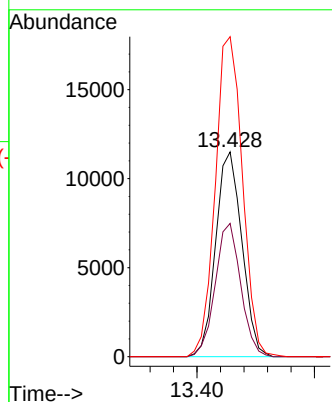
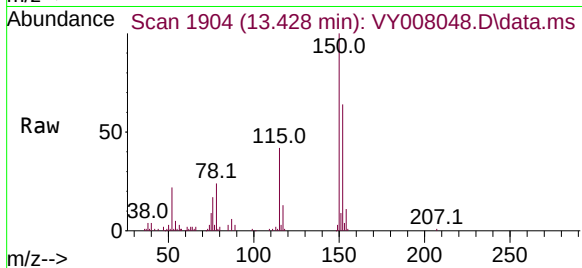
Tgt Ion:152 Resp: 17810

Ion Ratio Lower Upper

152 100

115 63.3 28.2 84.7

150 161.9 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 47.571 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.146 min

Lab File: VY008048.D

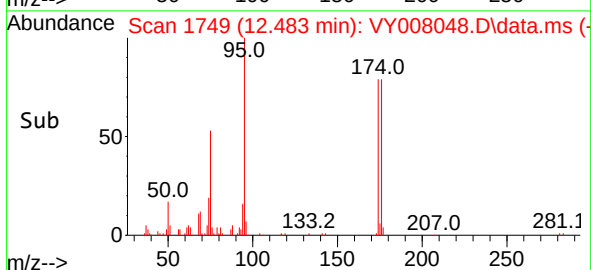
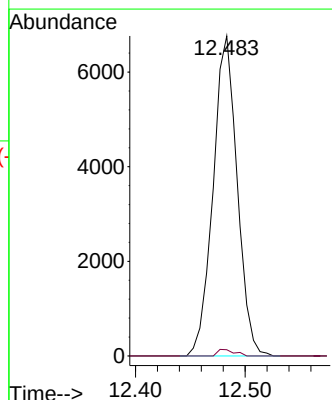
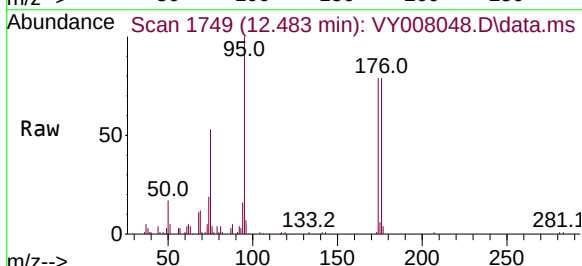
Acq: 26 Mar 2022 16:02

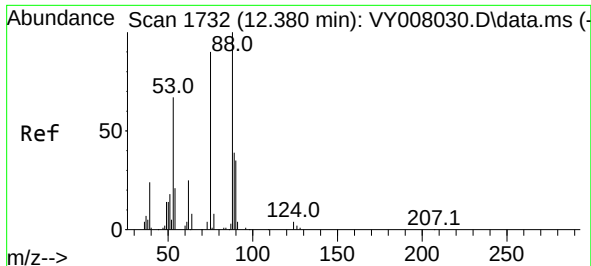
Tgt Ion: 75 Resp: 10328

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#

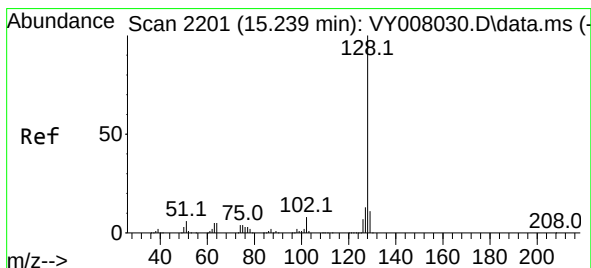
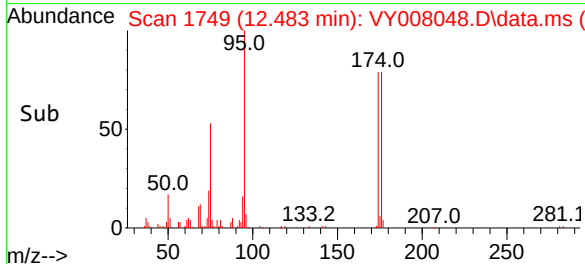
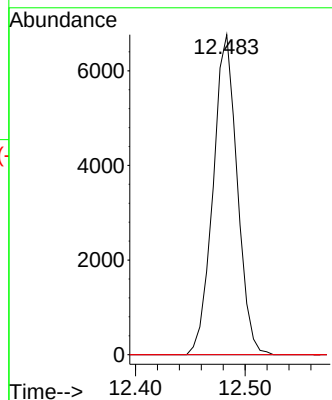
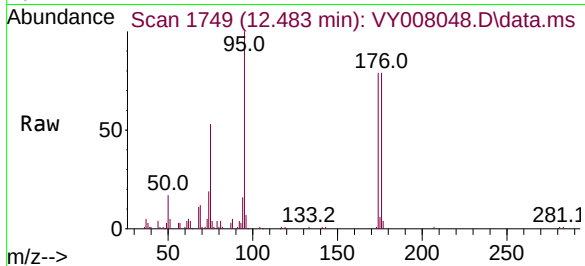




#81
trans-1,4-Dichloro-2-butene
Concen: 106.140 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.103 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

Instrument :
MSVOA_Y
ClientSampleId :
SB-09-3.0-4.0

Tgt Ion: 75 Resp: 10328
Ion Ratio Lower Upper
75 100
53 0.0 85.3 127.9#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 1.238 ug/l
RT: 15.245 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY008048.D
Acq: 26 Mar 2022 16:02

Tgt Ion: 128 Resp: 965
Ion Ratio Lower Upper
128 100
127 8.6 11.0 16.4#
129 0.0 8.4 12.6#

