

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009370.D
 Acq On : 29 Jun 2022 13:40
 Operator : KP/MD
 Sample : VY0629SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0629SBL01

Quant Time: Jun 29 17:42:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 17:35:34 2022
 Response via : Initial Calibration

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

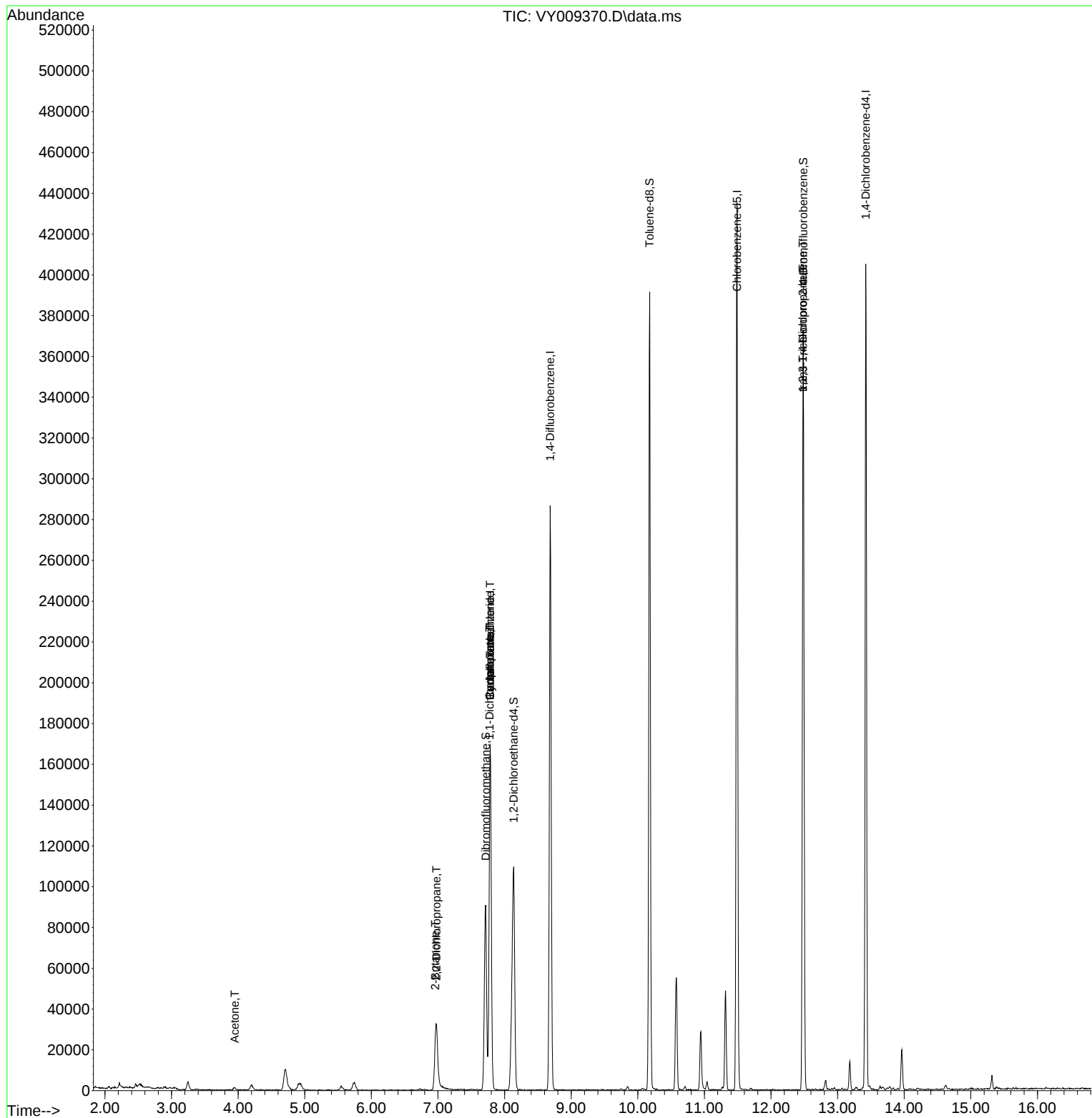
Internal Standards						
1) Pentafluorobenzene	7.783	168	132444	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	236606	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	225420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99320	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	69851	65.846	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 131.700%			
35) Dibromofluoromethane	7.716	113	62072	47.666	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 95.340%			
50) Toluene-d8	10.179	98	240416	60.215	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 120.440%			
62) 4-Bromofluorobenzene	12.483	95	78224	41.310	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 82.620%			
Target Compounds						
11) Tert butyl alcohol	4.917	59	2267	Below Cal	#	77
16) Acetone	3.948	43	2056	5.901	ug/l #	85
18) Methyl Acetate	4.472	43	125	Below Cal	#	56
20) Methylene Chloride	4.710	84	7153	Below Cal	#	75
25) 2-Butanone	6.960	43	2290	4.146	ug/l #	91
26) 2,2-Dichloropropane	6.978	77	2531	1.033	ug/l #	55
31) Cyclohexane	7.783	56	2963	1.242	ug/l #	30
36) 1,1-Dichloropropene	7.777	75	11069	4.861	ug/l #	49
38) Carbon Tetrachloride	7.783	117	12179	5.117	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	42330	36.393	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	42330	81.029	ug/l #	8

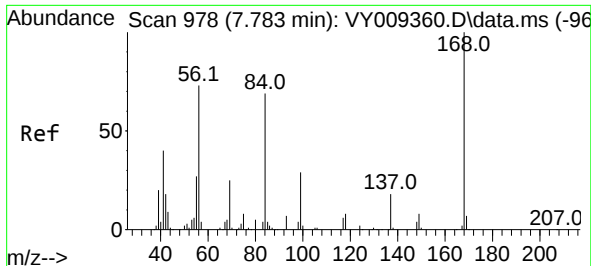
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
Data File : VY009370.D
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ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

Quant Time: Jun 29 17:42:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062822S.M
Quant Title : SW846 8260
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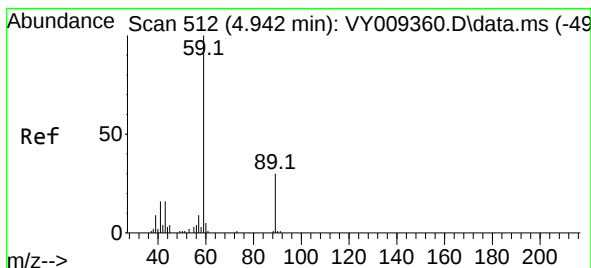
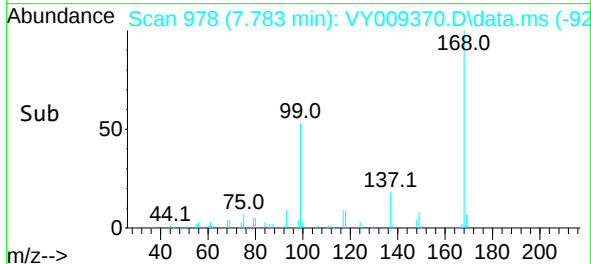
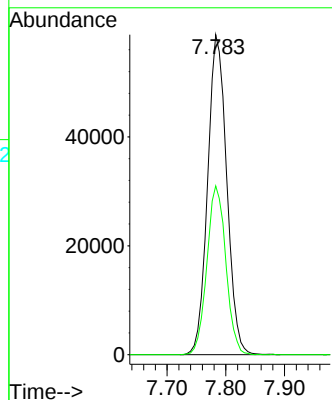
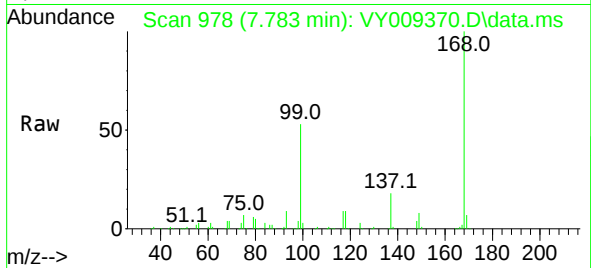




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

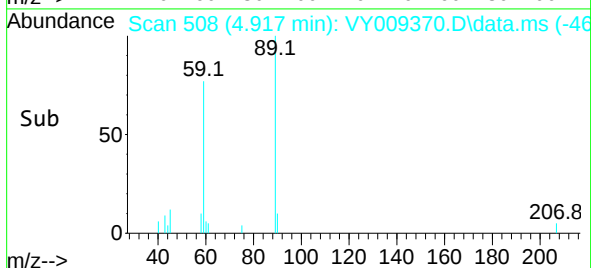
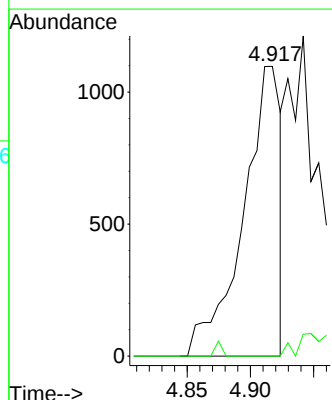
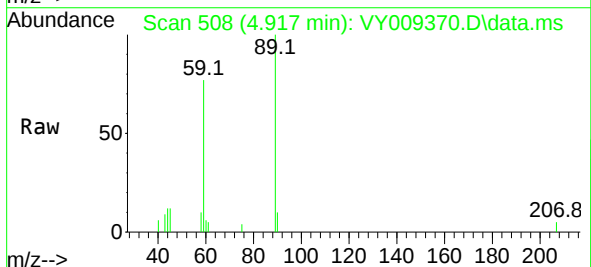
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

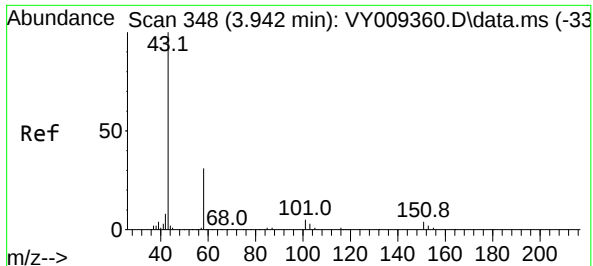
Tgt Ion:168 Resp: 132444
Ion Ratio Lower Upper
168 100
99 52.8 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.025 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

Tgt Ion: 59 Resp: 2267
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

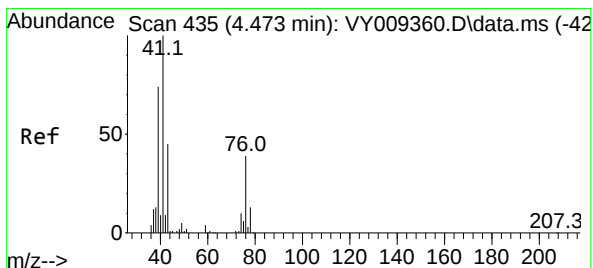
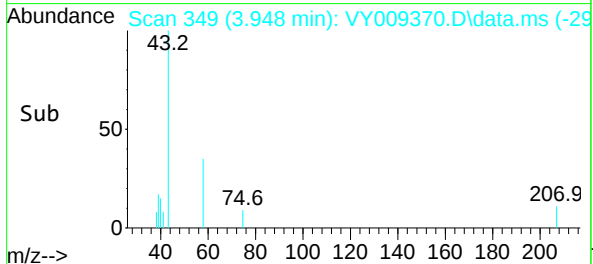
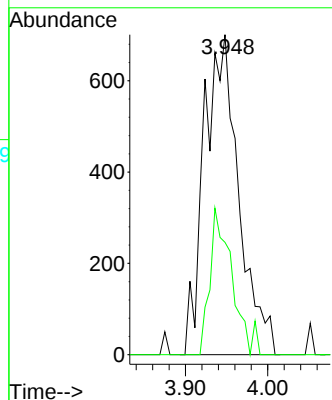
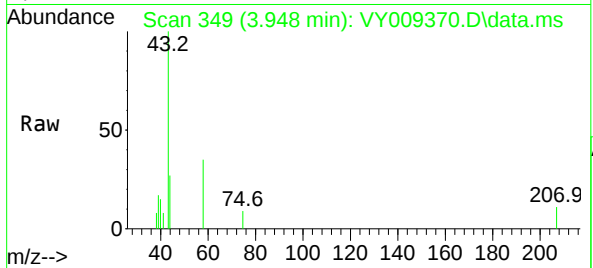




#16
Acetone
Concen: 5.901 ug/l
RT: 3.948 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

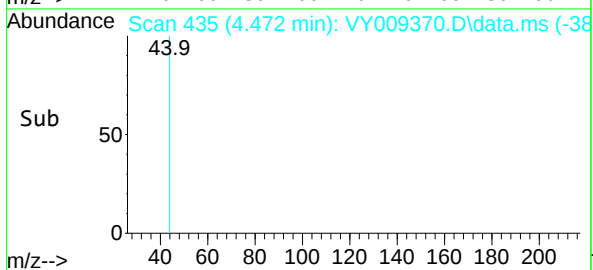
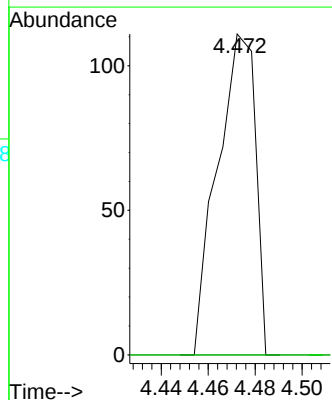
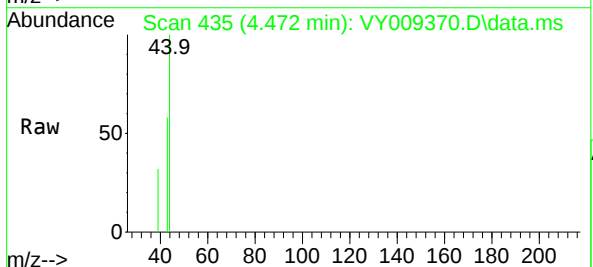
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

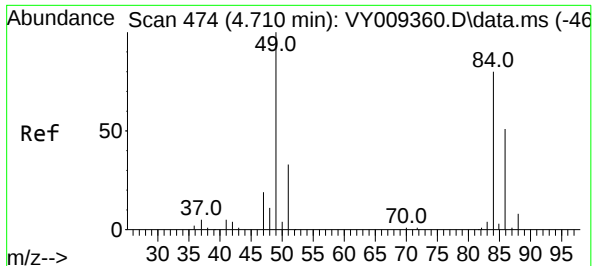
Tgt Ion: 43 Resp: 2056
Ion Ratio Lower Upper
43 100
58 35.1 22.0 33.0#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.472 min Scan# 435
Delta R.T. -0.001 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

Tgt Ion: 43 Resp: 125
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.710 min Scan# 41

Delta R.T. 0.000 min

Lab File: VY009370.D

Acq: 29 Jun 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBL01

Tgt Ion: 84 Resp: 7153

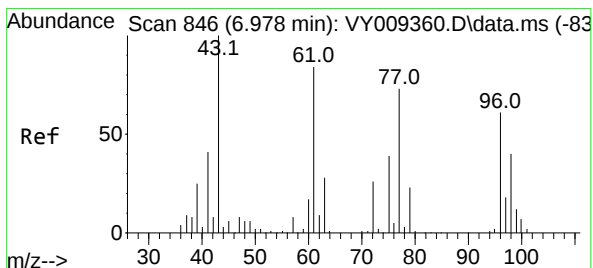
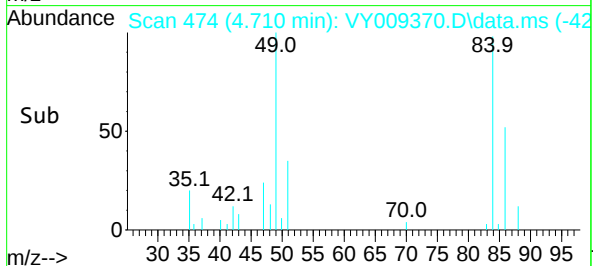
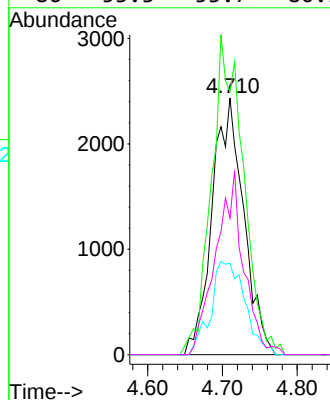
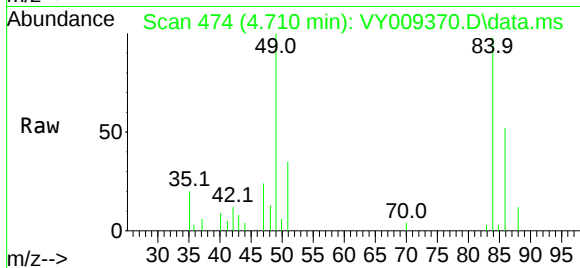
Ion Ratio Lower Upper

84 100

49 102.4 114.4 171.6#

51 35.7 35.3 52.9

86 53.3 53.7 80.5#



#25

2-Butanone

Concen: 4.146 ug/l

RT: 6.960 min Scan# 843

Delta R.T. -0.018 min

Lab File: VY009370.D

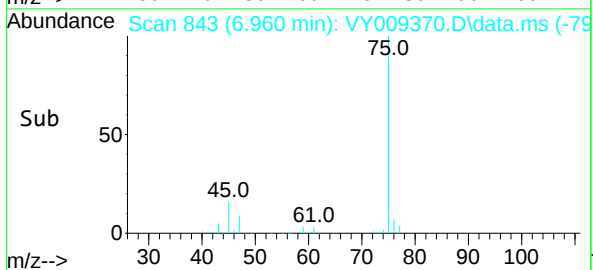
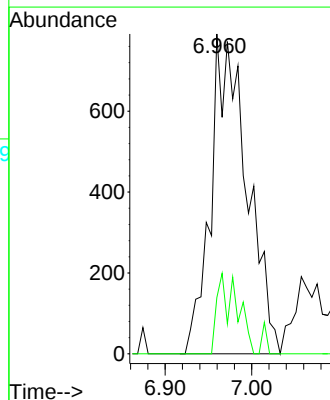
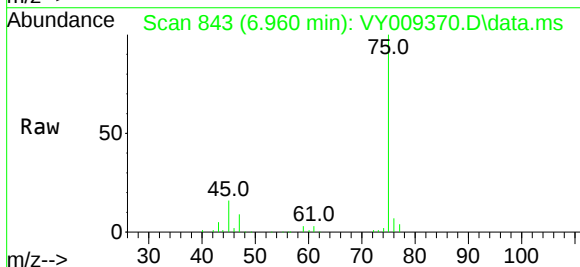
Acq: 29 Jun 2022 13:40

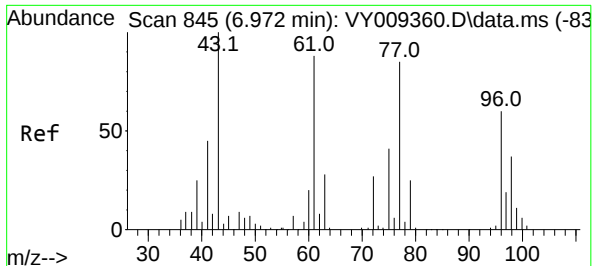
Tgt Ion: 43 Resp: 2290

Ion Ratio Lower Upper

43 100

72 17.6 17.7 26.5#





#26

2,2-Dichloropropane

Concen: 1.033 ug/l

RT: 6.978 min Scan# 845

Delta R.T. 0.006 min

Lab File: VY009370.D

Acq: 29 Jun 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

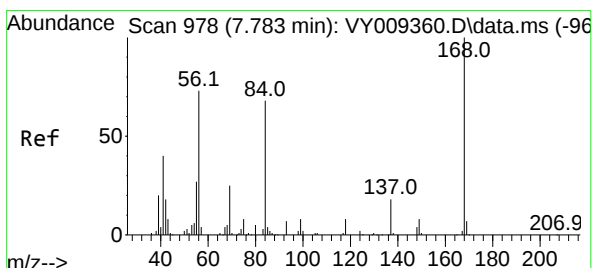
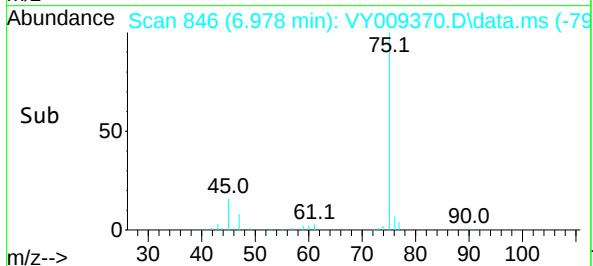
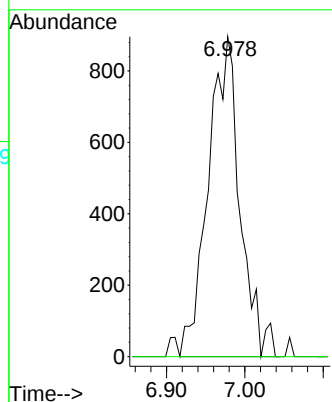
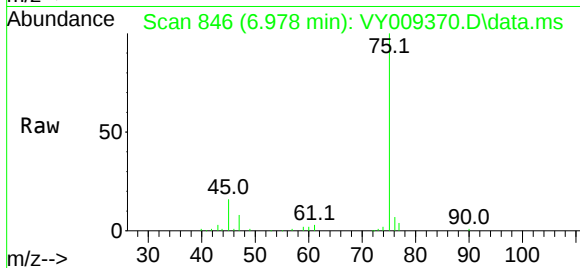
VY0629SBL01

Tgt Ion: 77 Resp: 2531

Ion Ratio Lower Upper

77 100

97 0.0 10.4 31.4#



#31

Cyclohexane

Concen: 1.242 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.000 min

Lab File: VY009370.D

Acq: 29 Jun 2022 13:40

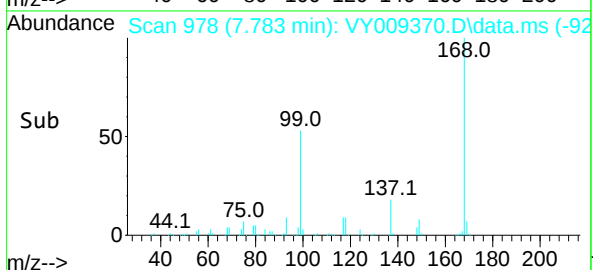
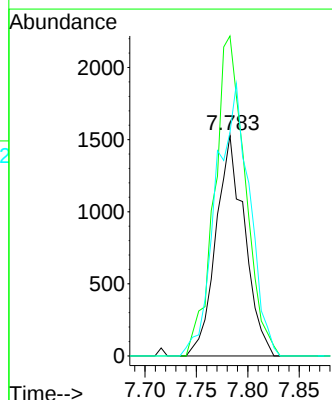
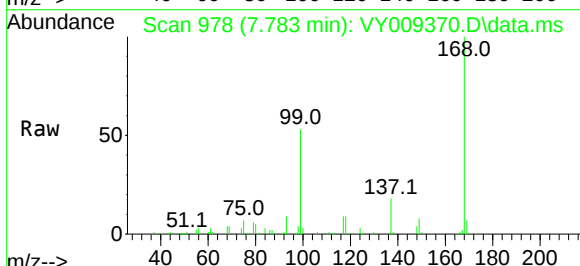
Tgt Ion: 56 Resp: 2963

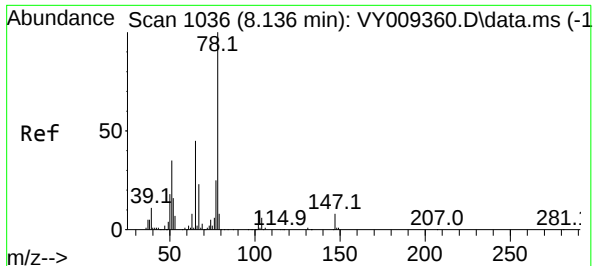
Ion Ratio Lower Upper

56 100

69 145.0 26.7 40.1#

84 101.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 65.846 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009370.D

Acq: 29 Jun 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

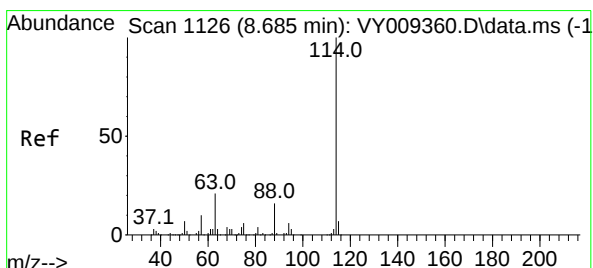
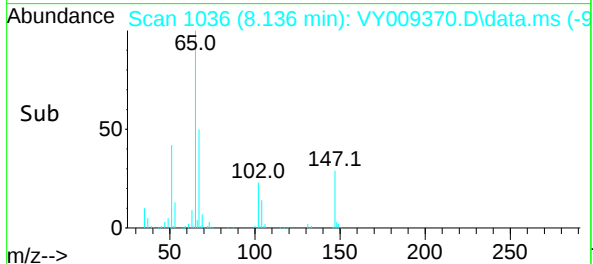
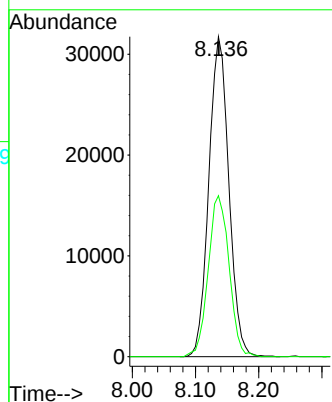
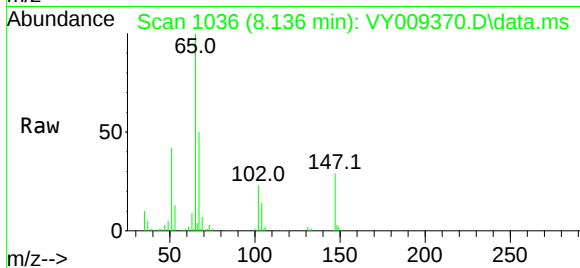
VY0629SBL01

Tgt Ion: 65 Resp: 69851

Ion Ratio Lower Upper

65 100

67 52.5 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: VY009370.D

Acq: 29 Jun 2022 13:40

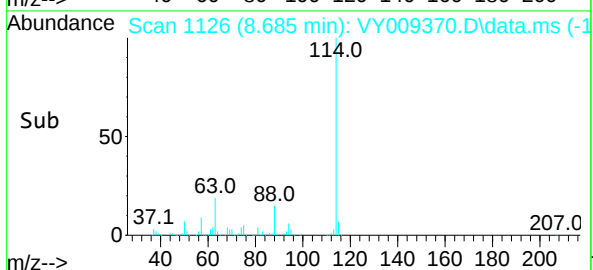
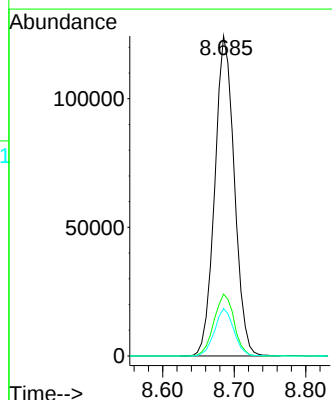
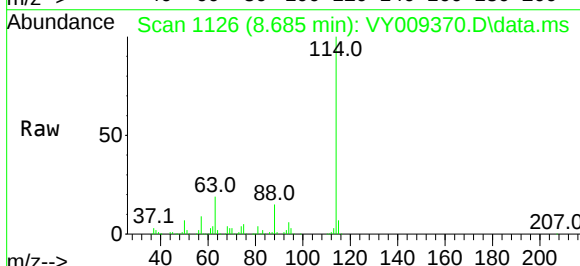
Tgt Ion: 114 Resp: 236606

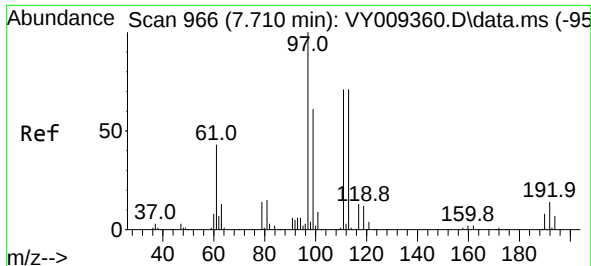
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 14.8 0.0 31.8

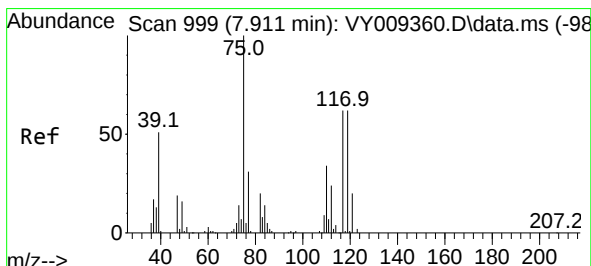
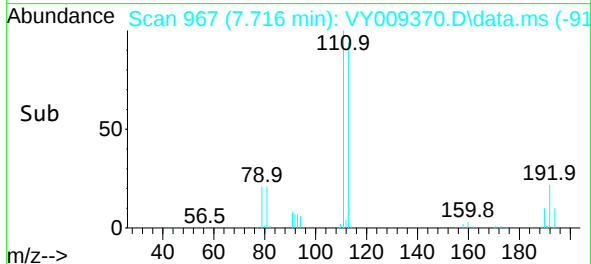
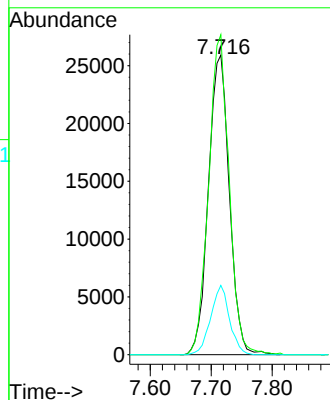
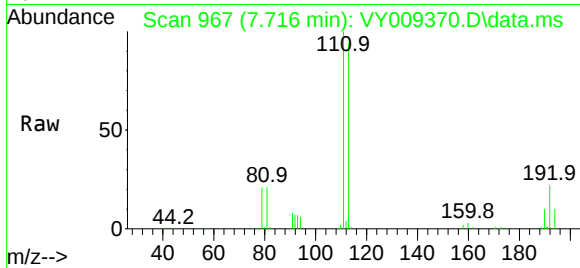




#35
Dibromofluoromethane
Concen: 47.666 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

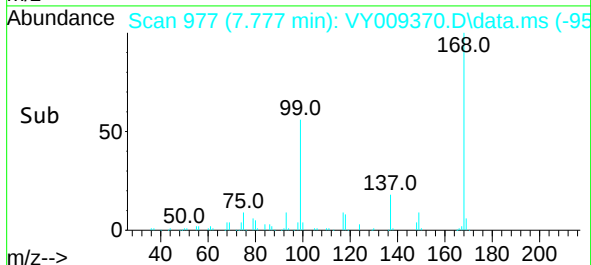
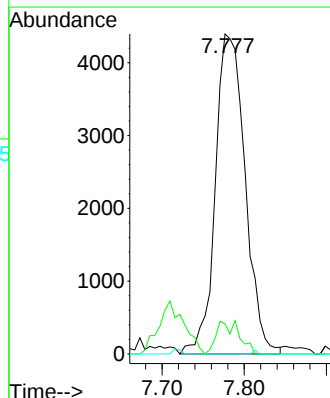
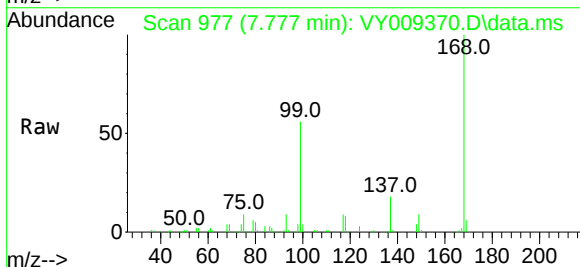
Instrument :
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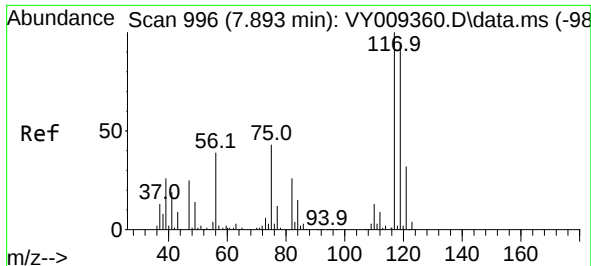
Tgt Ion:113 Resp: 62072
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 20.8 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.861 ug/l
RT: 7.777 min Scan# 977
Delta R.T. -0.134 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

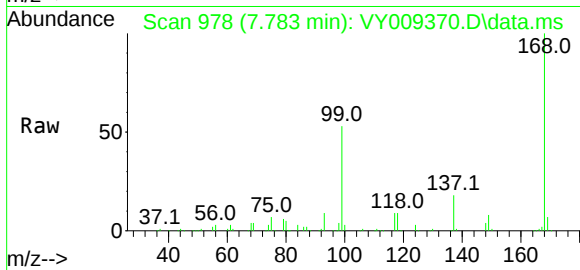
Tgt Ion: 75 Resp: 11069
Ion Ratio Lower Upper
75 100
110 7.8 17.1 51.2#
77 0.0 24.4 36.6#



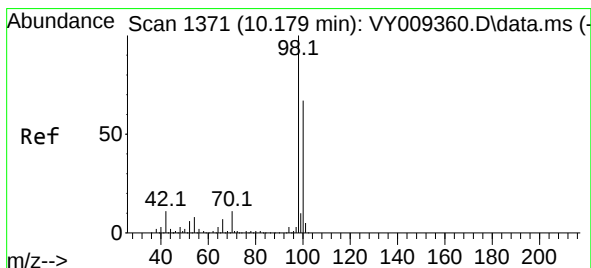
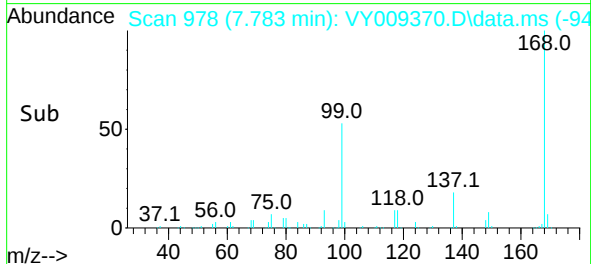
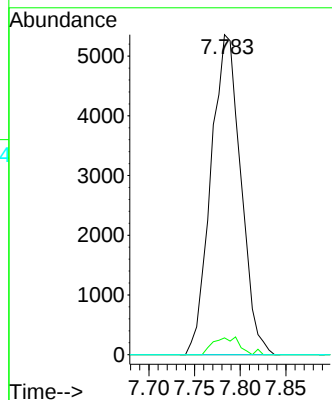


#38
Carbon Tetrachloride
Concen: 5.117 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

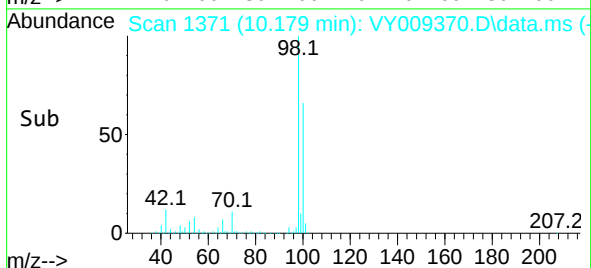
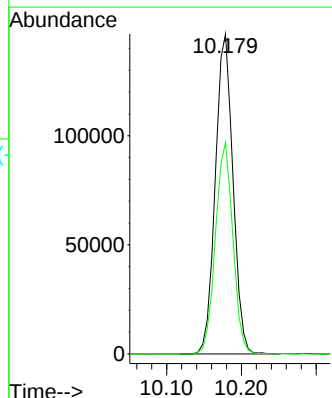
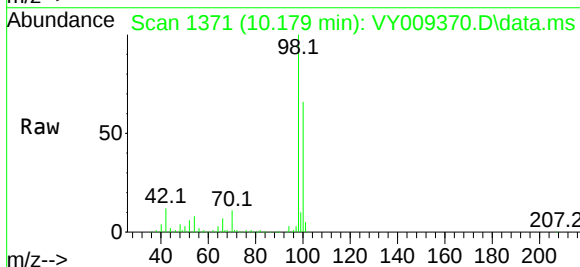


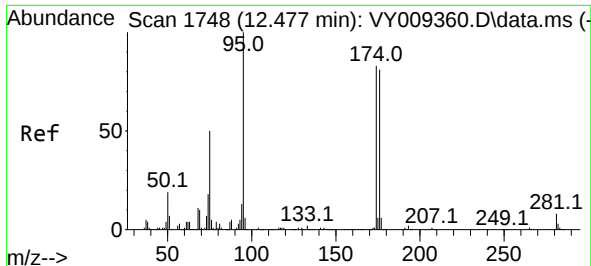
Tgt Ion:117 Resp: 12179
Ion Ratio Lower Upper
117 100
119 5.2 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 60.215 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

Tgt Ion: 98 Resp: 240416
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

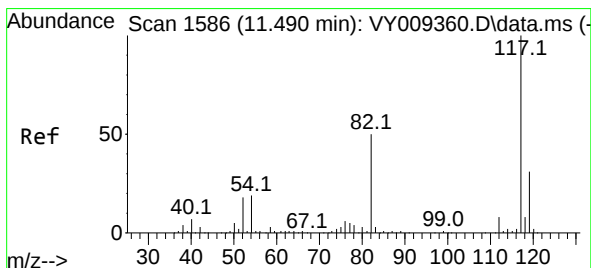
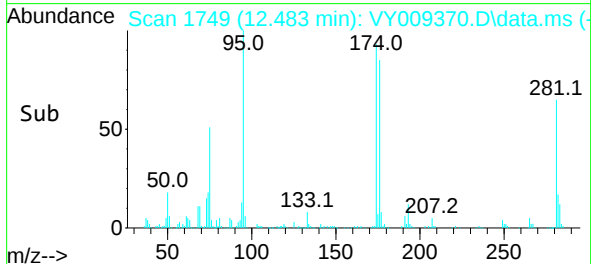
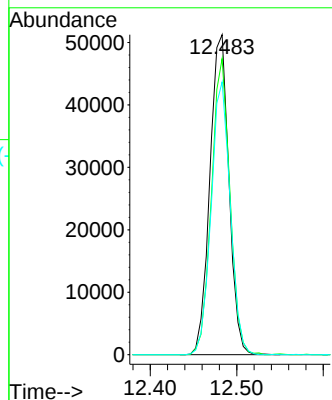
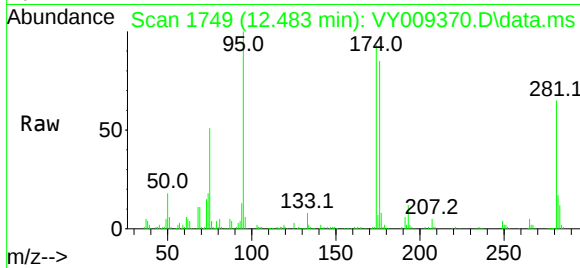




#62
4-Bromofluorobenzene
Concen: 41.310 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

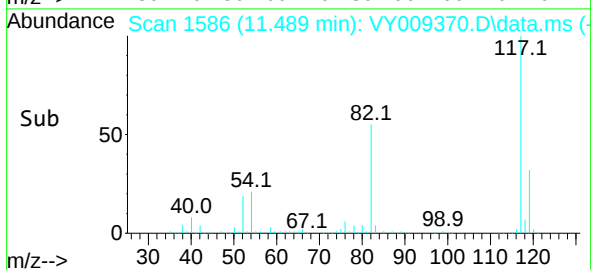
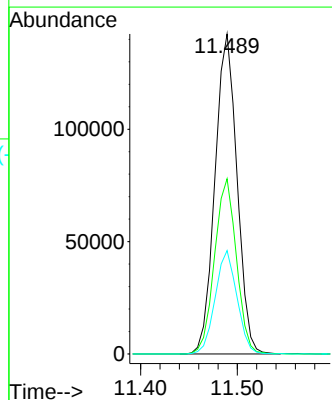
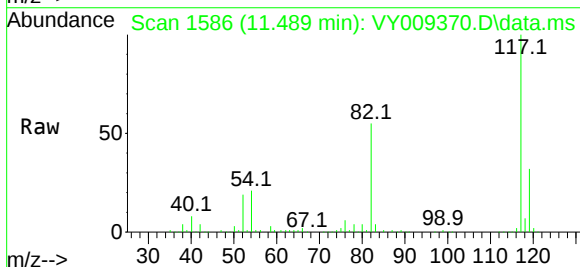
Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01

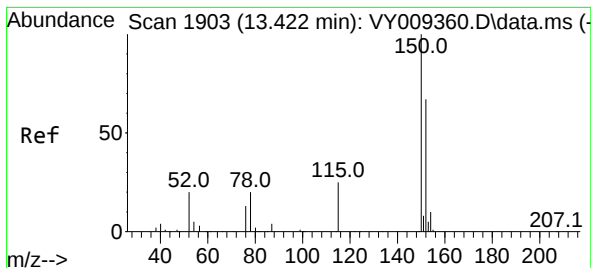
Tgt Ion: 95 Resp: 78224
Ion Ratio Lower Upper
95 100
174 90.1 0.0 177.0
176 85.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

Tgt Ion: 117 Resp: 225420
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 32.3 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: VY009370.D

Acq: 29 Jun 2022 13:40

Instrument :

MSVOA_Y

ClientSampleId :

VY0629SBL01

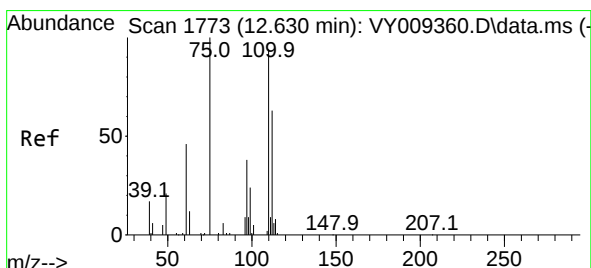
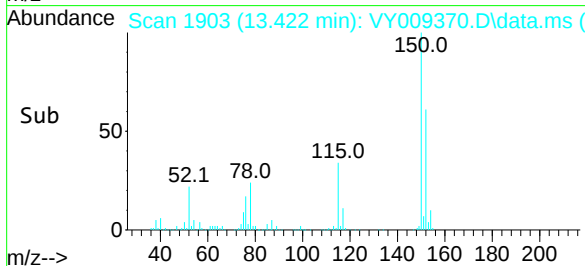
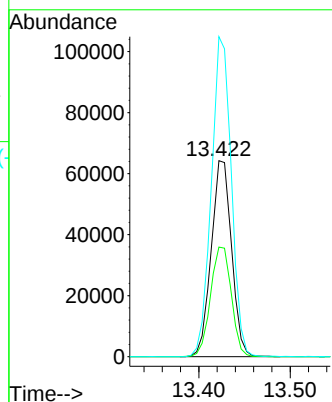
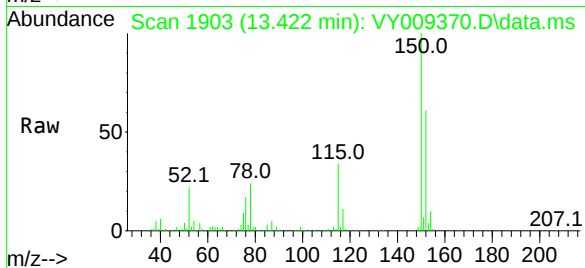
Tgt Ion:152 Resp: 99320

Ion Ratio Lower Upper

152 100

115 57.1 28.2 84.7

150 160.1 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 36.393 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.153 min

Lab File: VY009370.D

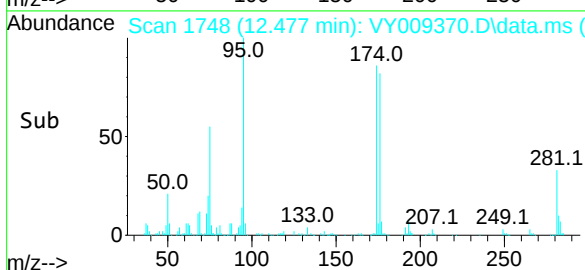
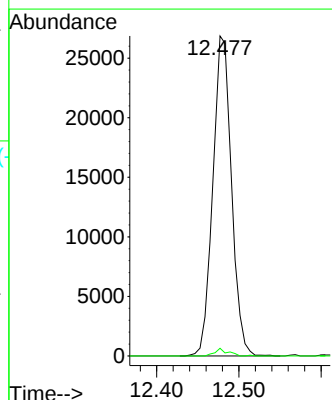
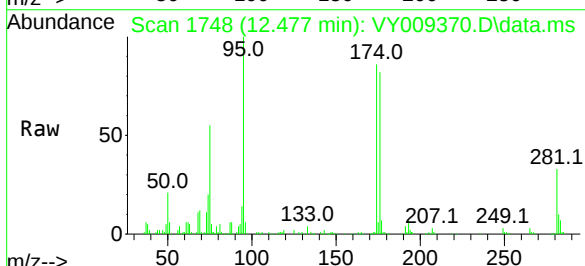
Acq: 29 Jun 2022 13:40

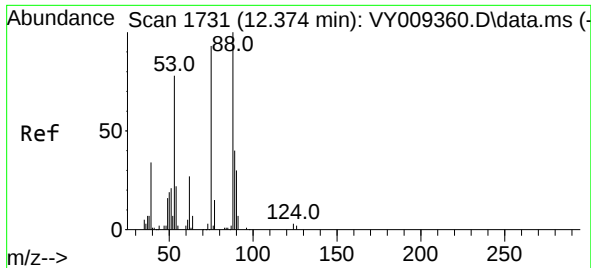
Tgt Ion: 75 Resp: 42330

Ion Ratio Lower Upper

75 100

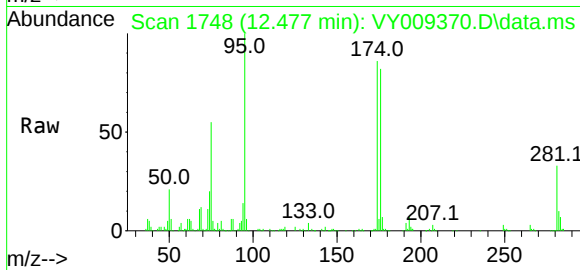
77 1.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 81.029 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.103 min
Lab File: VY009370.D
Acq: 29 Jun 2022 13:40

Instrument :
MSVOA_Y
ClientSampleId :
VY0629SBL01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.0	85.3	127.9#
89	0.8	37.0	55.4#

