

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062922\
 Data File : VY009383.D
 Acq On : 29 Jun 2022 19:24
 Operator : KP/MD
 Sample : N3488-03
 Misc : 3.93g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-22.5-24.5-20220623

Quant Time: Jun 30 05:13:53 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)

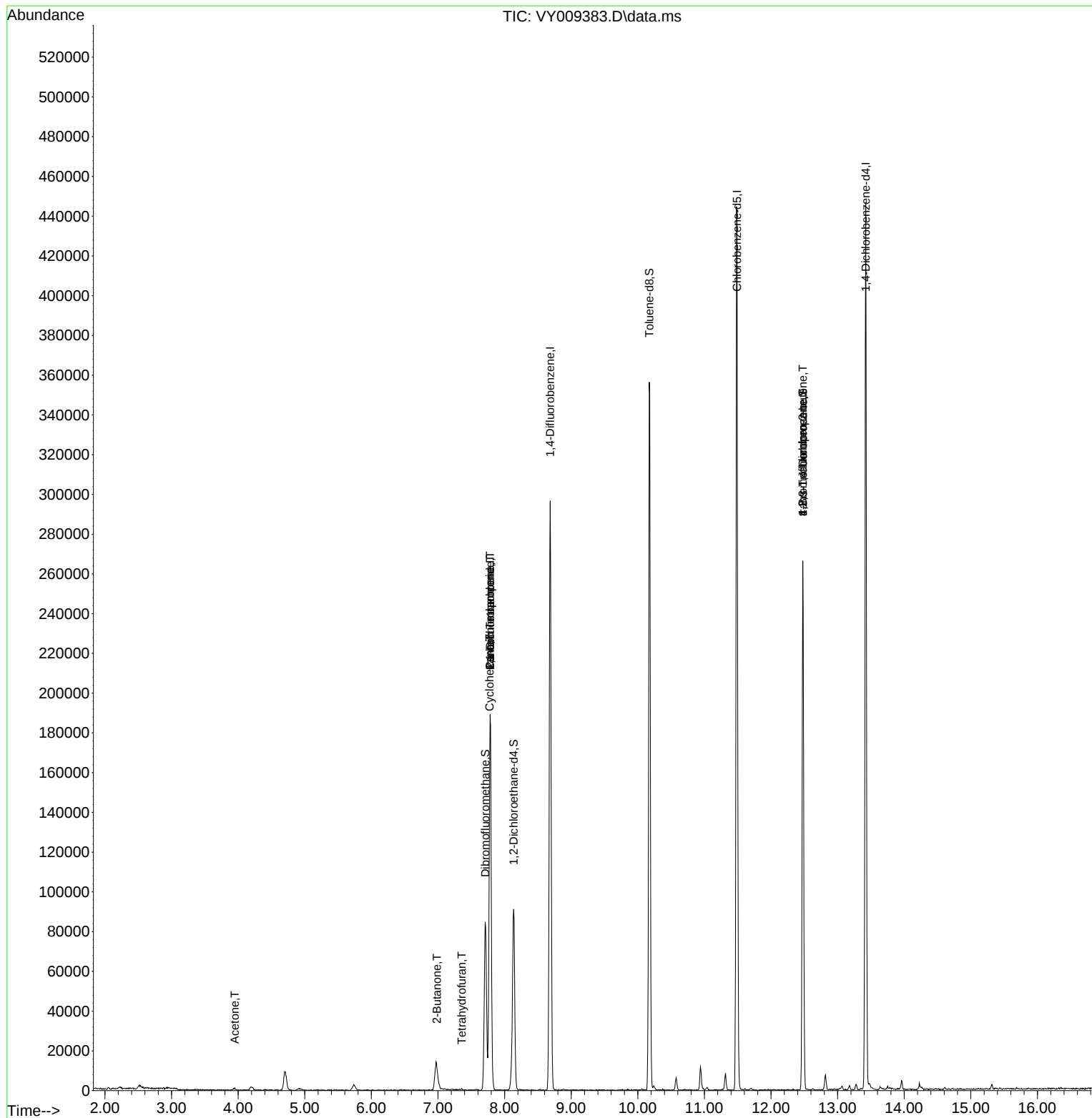
Internal Standards						
1) Pentafluorobenzene	7.783	168	146629	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	252782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	241375	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	109652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	66561	56.675	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.340%			
35) Dibromofluoromethane	7.710	113	58180	41.818	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 83.640%			
50) Toluene-d8	10.173	98	227340	53.296	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.600%			
62) 4-Bromofluorobenzene	12.477	95	71739	35.461	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 70.920%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	773	Below Cal	#	77
16) Acetone	3.948	43	1543	4.000	ug/l #	77
18) Methyl Acetate	4.472	43	106	Below Cal	#	56
20) Methylene Chloride	4.698	84	6703	Below Cal		89
25) 2-Butanone	6.984	43	1317	2.154	ug/l	99
29) Tetrahydrofuran	7.356	42	469	1.196	ug/l #	68
31) Cyclohexane	7.777	56	3212	1.216	ug/l #	16
36) 1,1-Dichloropropene	7.783	75	11079	4.554	ug/l #	50
38) Carbon Tetrachloride	7.783	117	14129	5.557	ug/l #	16
76) 1,2,3-Trichloropropane	12.477	75	39496	30.757	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	39496	68.481	ug/l #	7

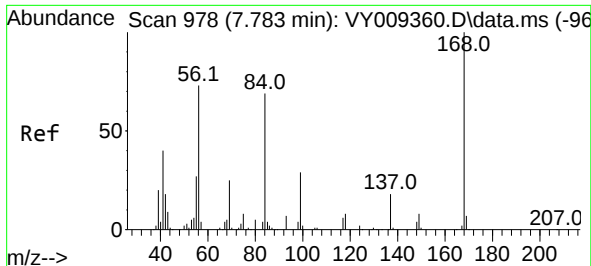
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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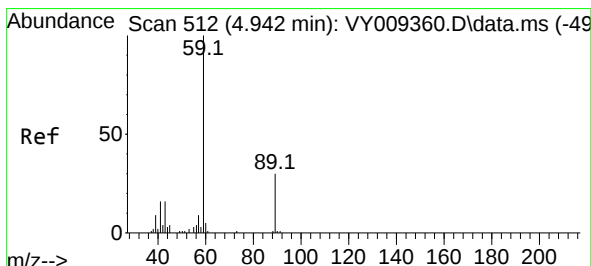
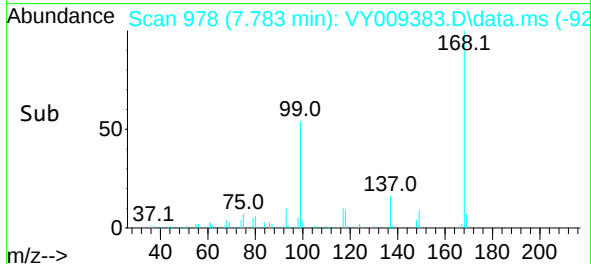
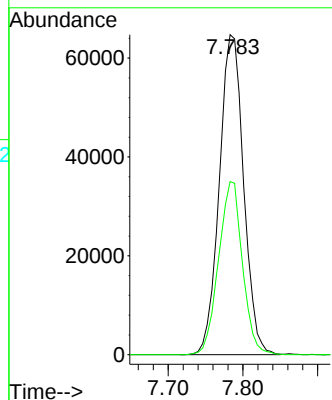
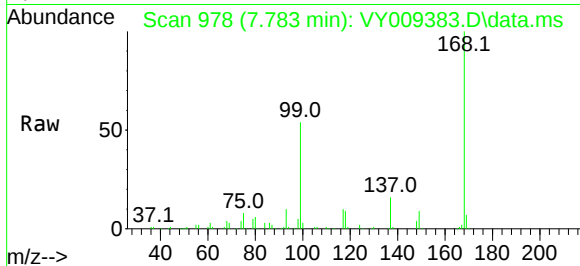




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

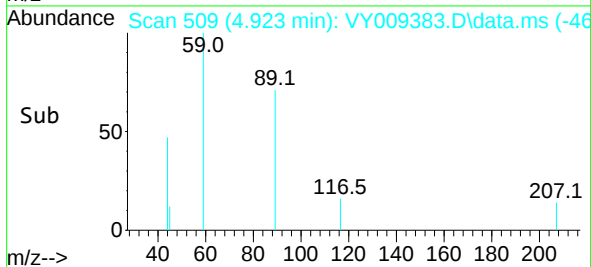
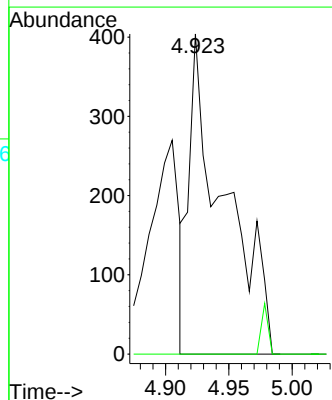
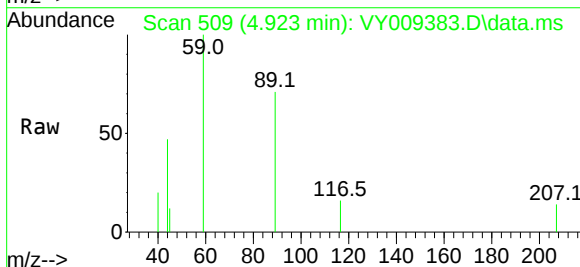
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-22.5-24.5-20220623

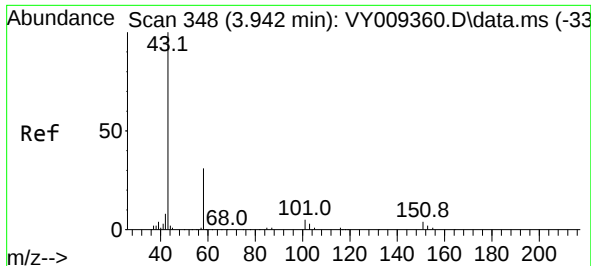
Tgt Ion:168 Resp: 146629
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.019 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

Tgt Ion: 59 Resp: 773
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#





#16

Acetone

Concen: 4.000 ug/l

RT: 3.948 min Scan# 348

Delta R.T. 0.006 min

Lab File: VY009383.D

Acq: 29 Jun 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

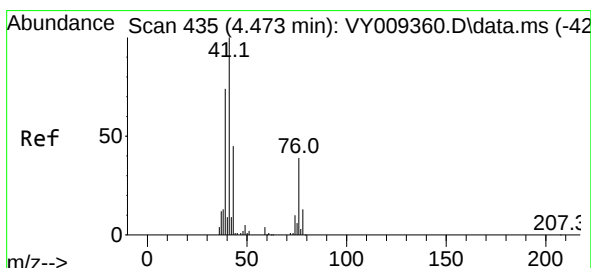
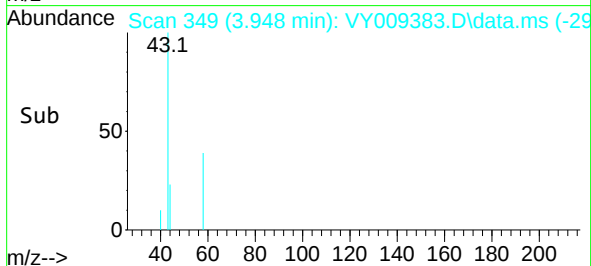
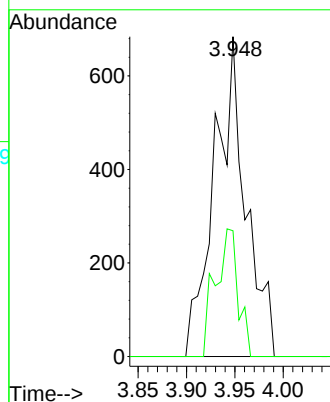
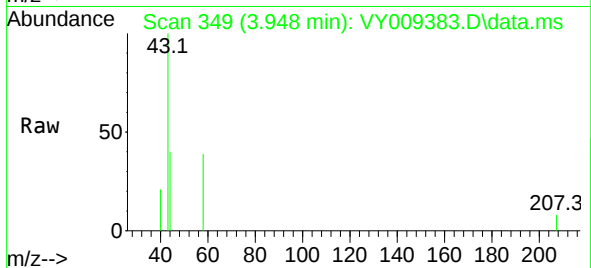
SB-9-22.5-24.5-20220623

Tgt Ion: 43 Resp: 1543

Ion Ratio Lower Upper

43 100

58 39.3 22.0 33.0#



#18

Methyl Acetate

Concen: Below Cal

RT: 4.472 min Scan# 435

Delta R.T. -0.001 min

Lab File: VY009383.D

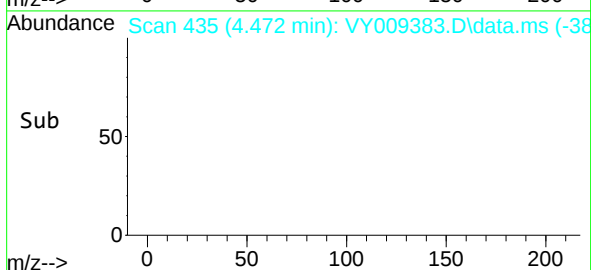
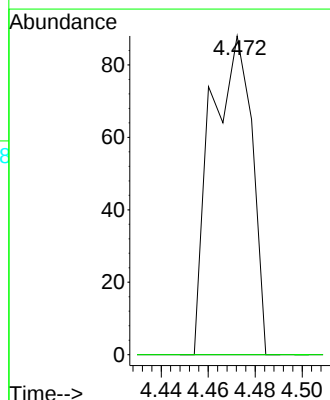
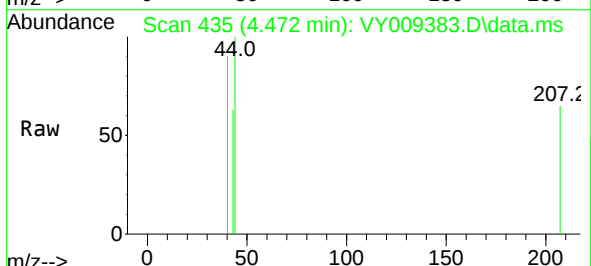
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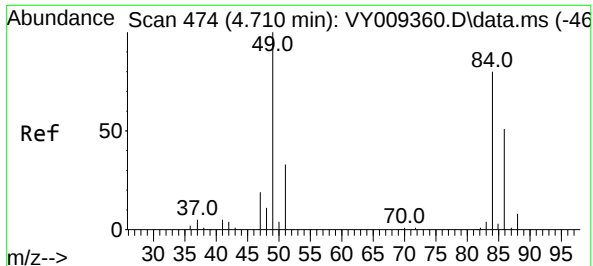
Tgt Ion: 43 Resp: 106

Ion Ratio Lower Upper

43 100

74 0.0 16.6 24.8#





#20

Methylene Chloride

Concen: Below Cal

RT: 4.698 min Scan# 41

Delta R.T. -0.012 min

Lab File: VY009383.D

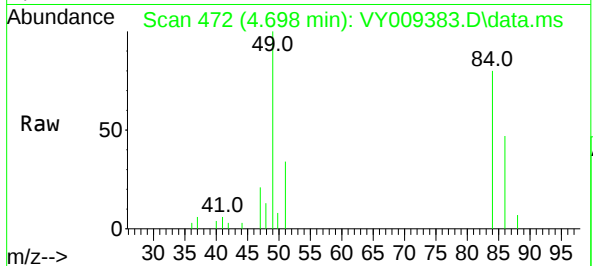
Acq: 29 Jun 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-9-22.5-24.5-20220623



Tgt Ion: 84 Resp: 6703

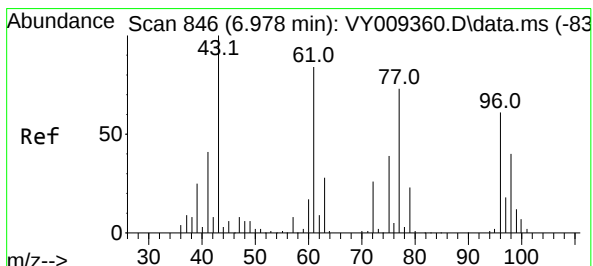
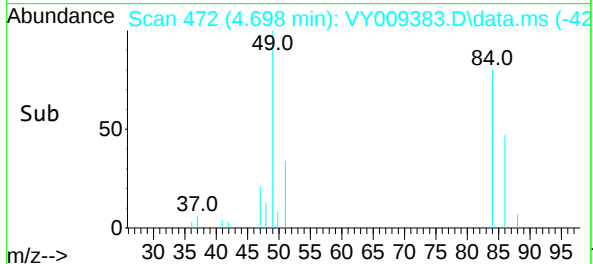
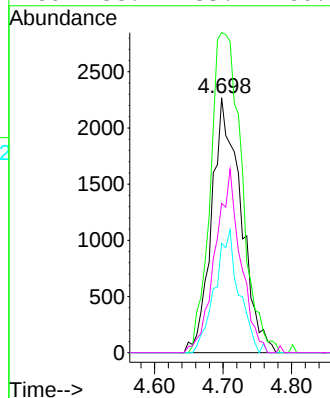
Ion Ratio Lower Upper

84 100

49 125.5 114.4 171.6

51 43.0 35.3 52.9

86 58.7 53.7 80.5



#25

2-Butanone

Concen: 2.154 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.006 min

Lab File: VY009383.D

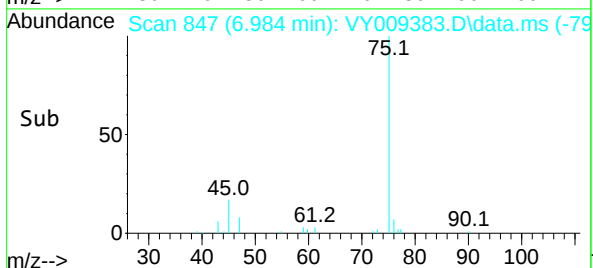
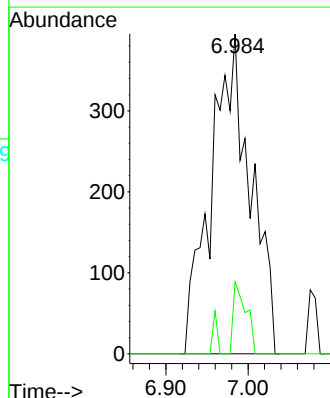
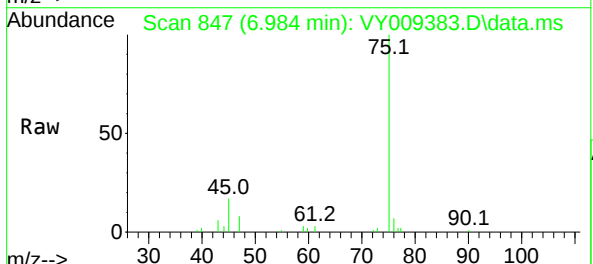
Acq: 29 Jun 2022 19:24

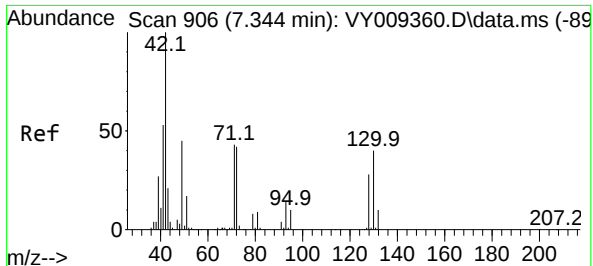
Tgt Ion: 43 Resp: 1317

Ion Ratio Lower Upper

43 100

72 22.5 17.7 26.5





#29

Tetrahydrofuran

Concen: 1.196 ug/l

RT: 7.356 min Scan# 906

Delta R.T. 0.012 min

Lab File: VY009383.D

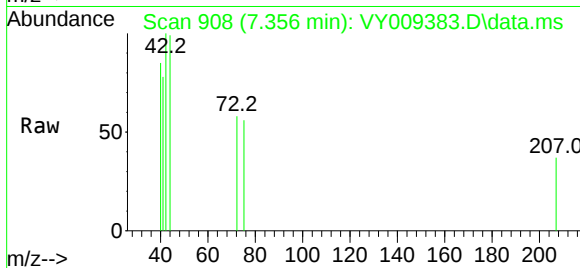
Acq: 29 Jun 2022 19:24

Instrument :

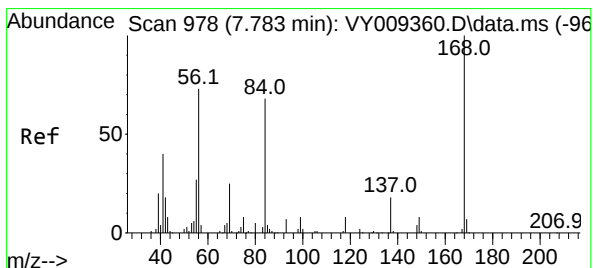
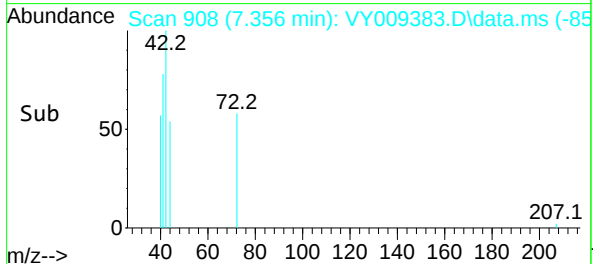
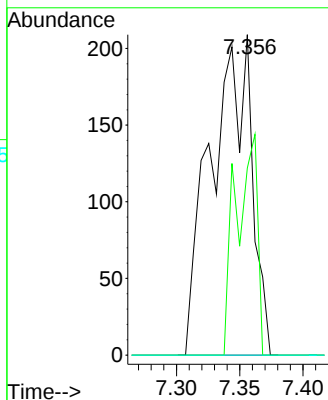
MSVOA_Y

ClientSampleId :

SB-9-22.5-24.5-20220623



Tgt Ion:	42	Resp:	469
Ion Ratio	Lower	Upper	
42	100		
72	36.0	30.3	45.5
71	0.0	29.0	43.4#



#31

Cyclohexane

Concen: 1.216 ug/l

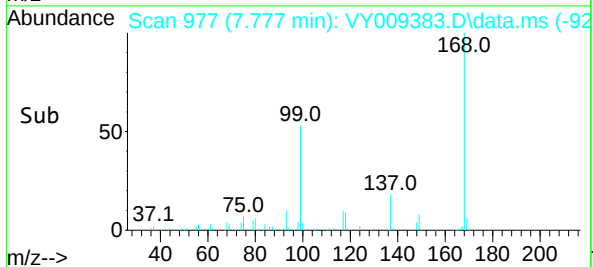
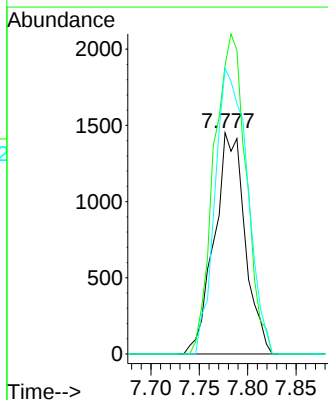
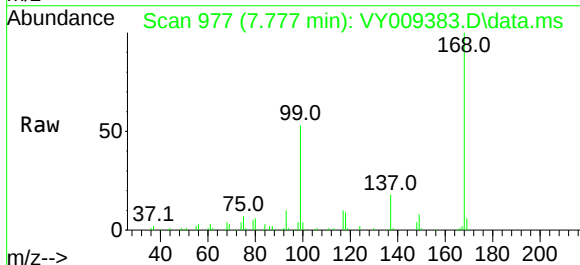
RT: 7.777 min Scan# 977

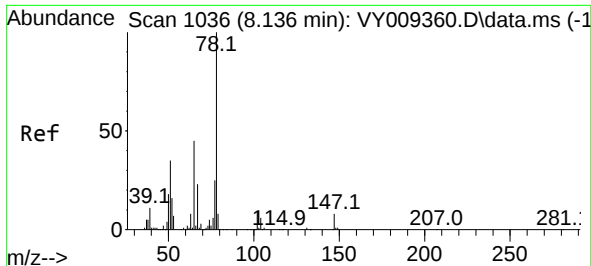
Delta R.T. -0.006 min

Lab File: VY009383.D

Acq: 29 Jun 2022 19:24

Tgt Ion:	56	Resp:	3212
Ion Ratio	Lower	Upper	
56	100		
69	130.5	26.7	40.1#
84	129.1	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 56.675 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY009383.D

Acq: 29 Jun 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

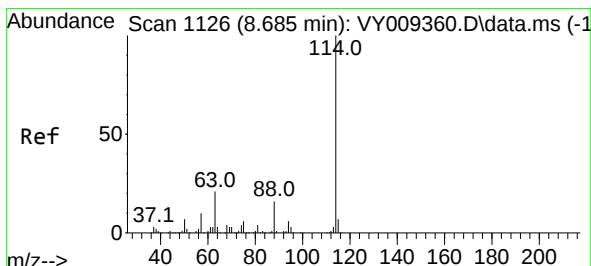
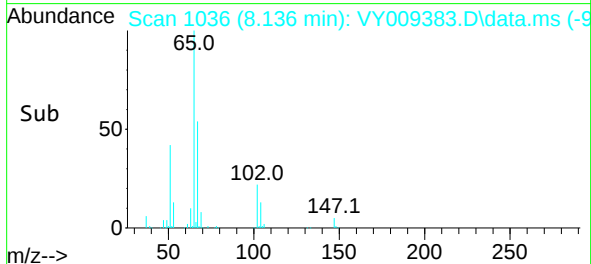
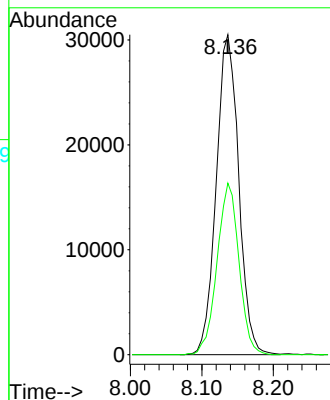
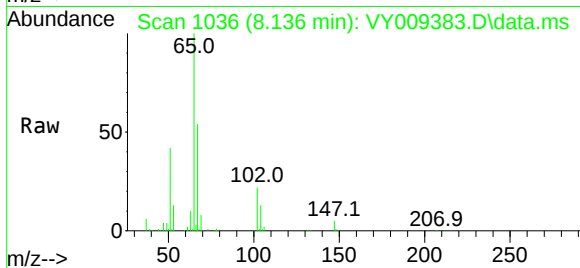
SB-9-22.5-24.5-20220623

Tgt Ion: 65 Resp: 66561

Ion Ratio Lower Upper

65 100

67 52.4 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: VY009383.D

Acq: 29 Jun 2022 19:24

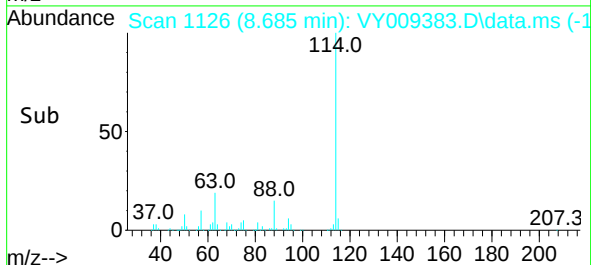
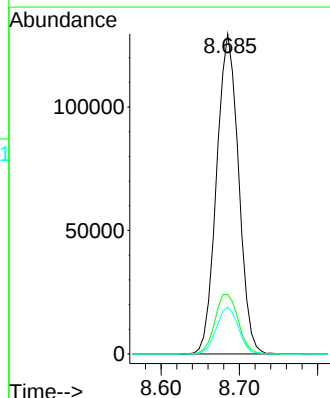
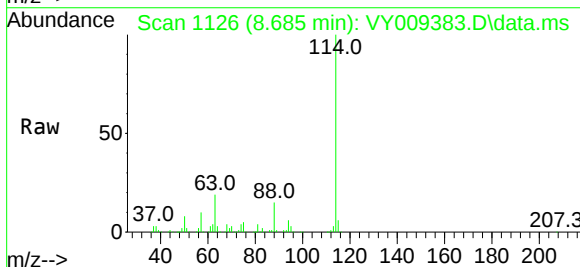
Tgt Ion: 114 Resp: 252782

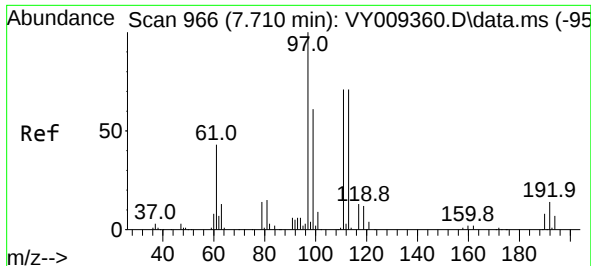
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

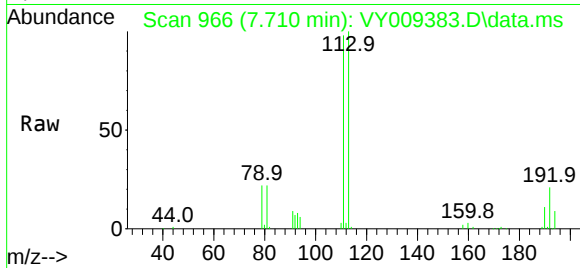
88 14.6 0.0 31.8



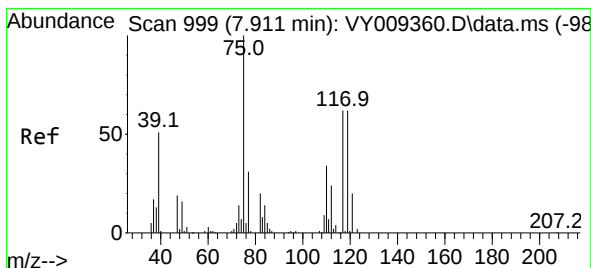
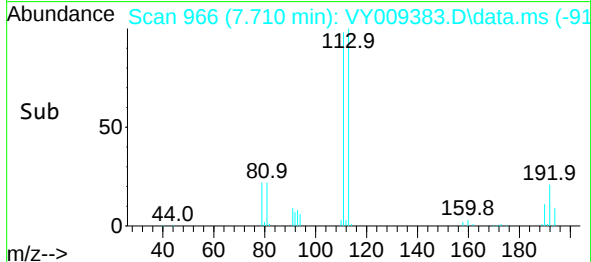
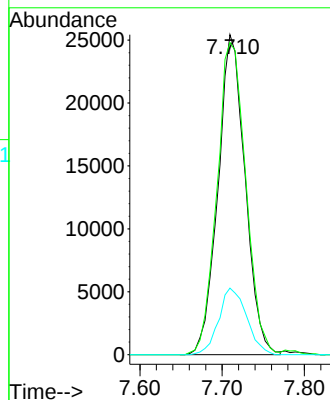


#35
Dibromofluoromethane
Concen: 41.818 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

Instrument :
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SB-9-22.5-24.5-20220623

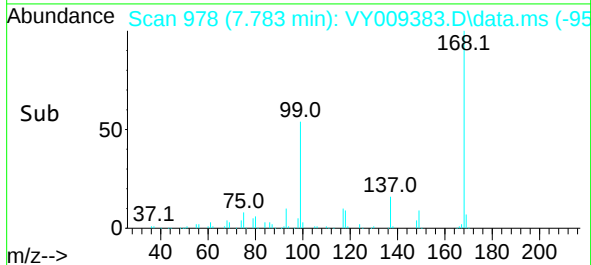
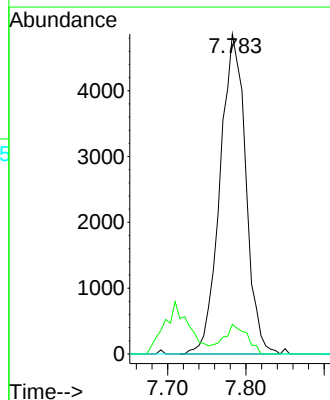
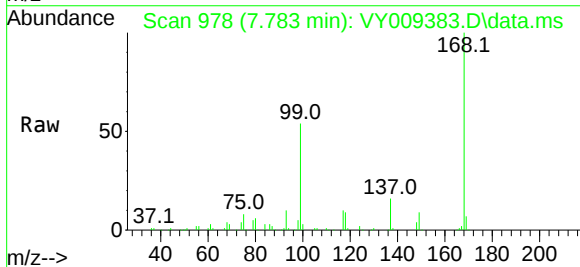


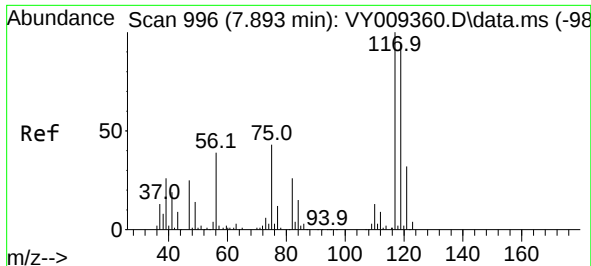
Tgt Ion:113 Resp: 58180
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 21.5 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.554 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

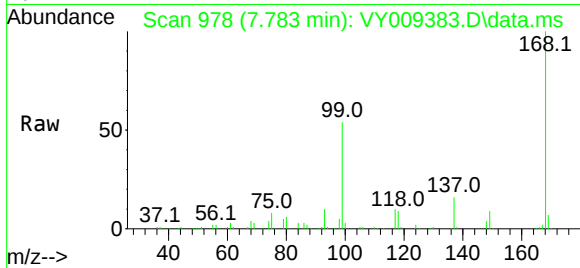
Tgt Ion: 75 Resp: 11079
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.4 36.6#



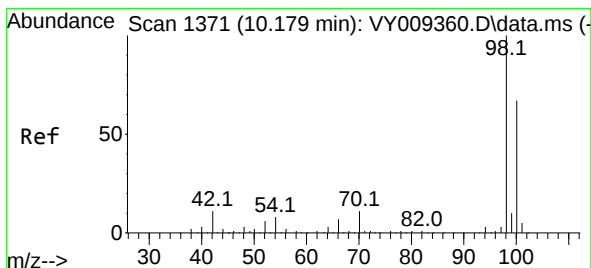
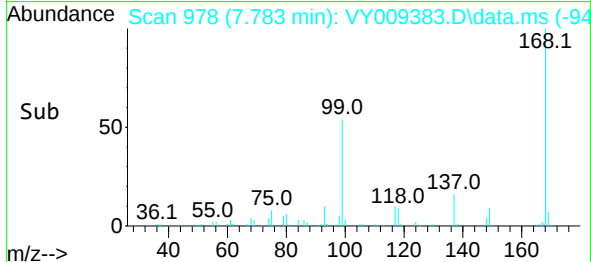
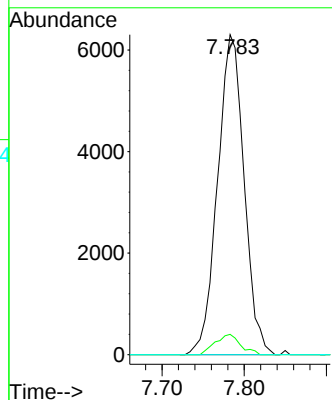


#38
Carbon Tetrachloride
Concen: 5.557 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.110 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

Instrument :
MSVOA_Y
ClientSampleId :
SB-9-22.5-24.5-20220623

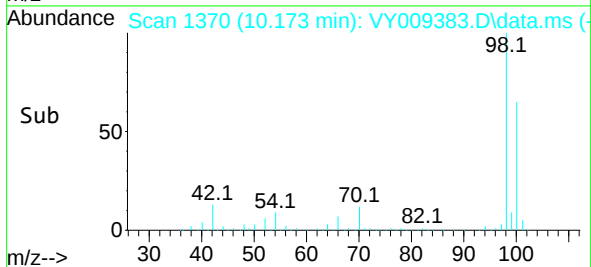
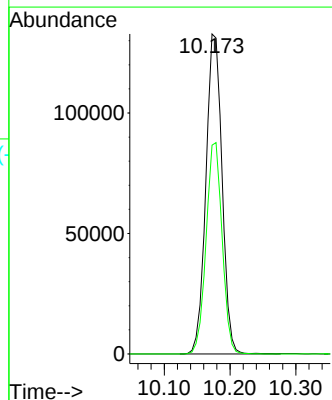
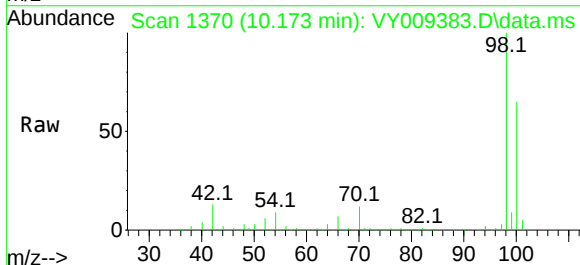


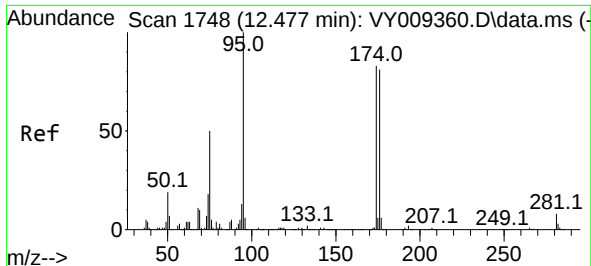
Tgt Ion:117 Resp: 14129
Ion Ratio Lower Upper
117 100
119 6.3 77.9 116.9#
121 0.0 24.8 37.2#



#50
Toluene-d8
Concen: 53.296 ug/l
RT: 10.173 min Scan# 1370
Delta R.T. -0.006 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

Tgt Ion: 98 Resp: 227340
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

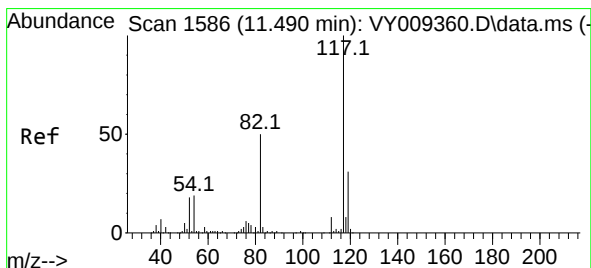
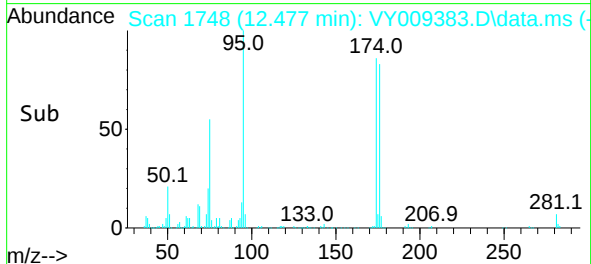
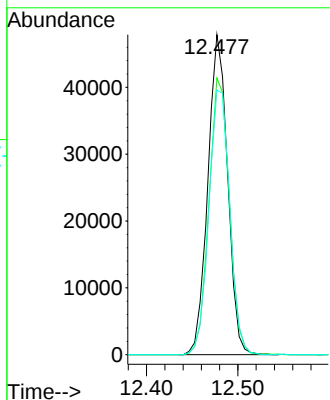
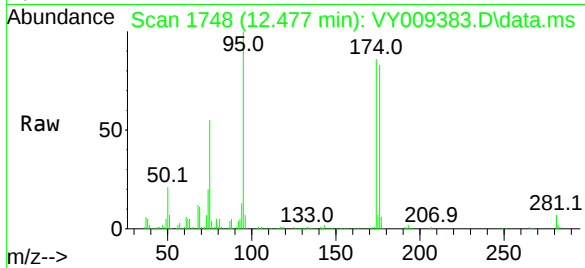




#62
4-Bromofluorobenzene
Concen: 35.461 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

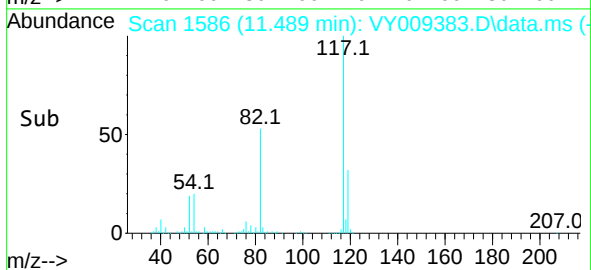
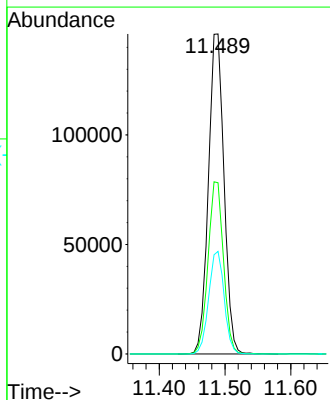
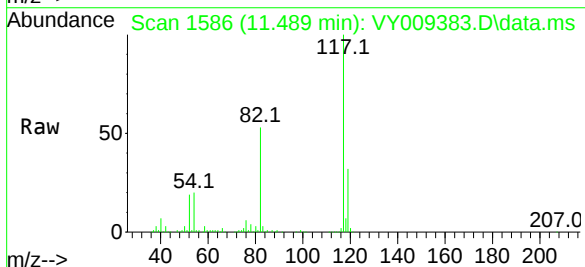
Instrument :
MSVOA_Y
ClientSampleId :
SB-9-22.5-24.5-20220623

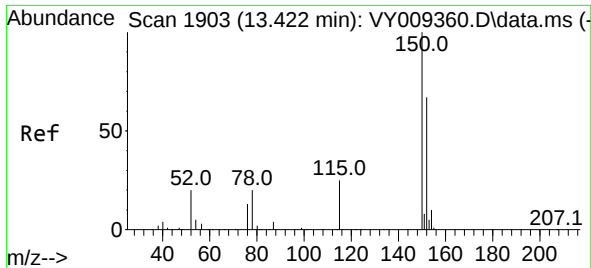
Tgt Ion: 95 Resp: 71739
Ion Ratio Lower Upper
95 100
174 89.3 0.0 177.0
176 87.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009383.D
Acq: 29 Jun 2022 19:24

Tgt Ion: 117 Resp: 241375
Ion Ratio Lower Upper
117 100
82 53.5 43.0 64.4
119 32.0 25.4 38.0

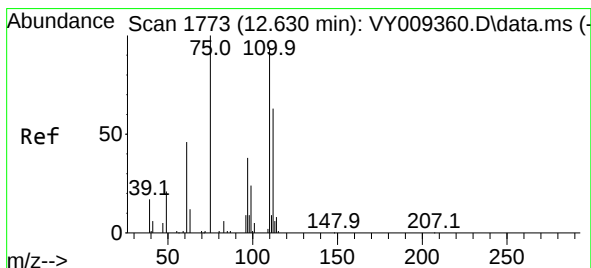
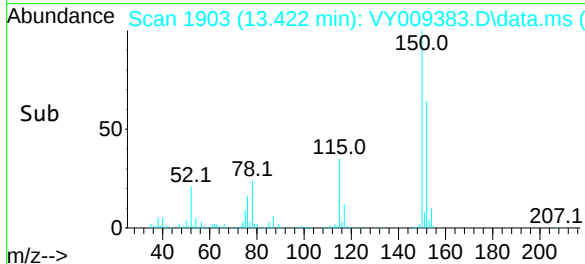
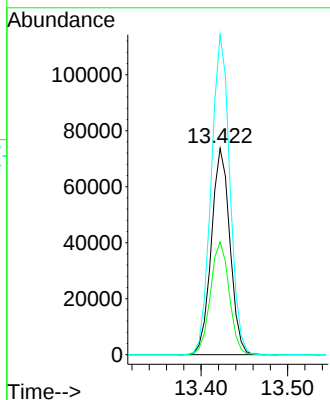
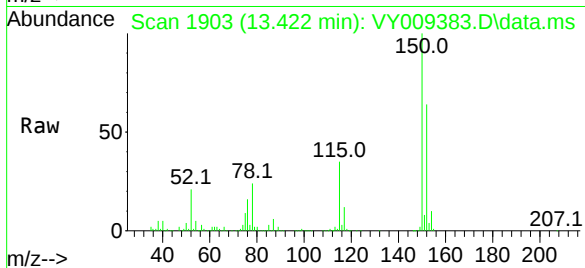




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.000 min
 Lab File: VY009383.D
 Acq: 29 Jun 2022 19:24

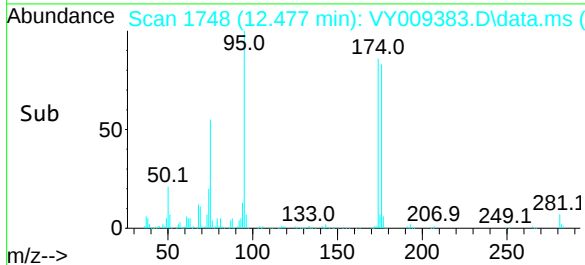
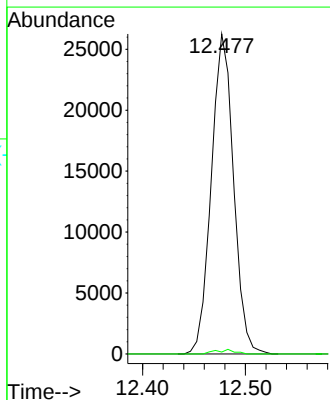
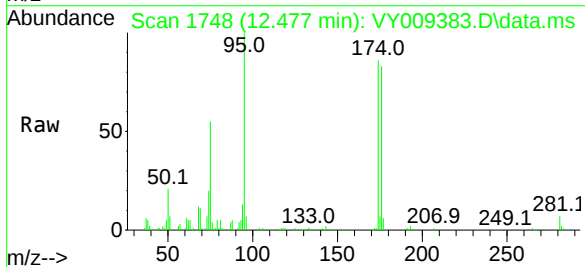
Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-9-22.5-24.5-20220623

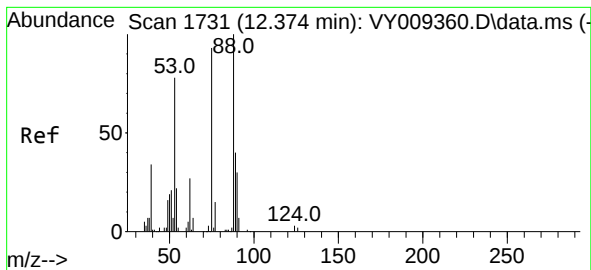
Tgt Ion:152 Resp: 109652
 Ion Ratio Lower Upper
 152 100
 115 55.2 28.2 84.7
 150 155.8 0.0 347.6



#76
 1,2,3-Trichloropropane
 Concen: 30.757 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009383.D
 Acq: 29 Jun 2022 19:24

Tgt Ion: 75 Resp: 39496
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81

trans-1,4-Dichloro-2-butene

Concen: 68.481 ug/l

RT: 12.477 min Scan# 11

Delta R.T. 0.103 min

Lab File: VY009383.D

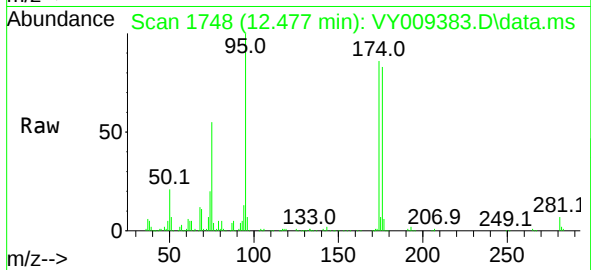
Acq: 29 Jun 2022 19:24

Instrument :

MSVOA_Y

ClientSampleId :

SB-9-22.5-24.5-20220623



Tgt Ion: 75 Resp: 39496

Ion Ratio Lower Upper

75 100

53 0.0 85.3 127.9#

89 0.3 37.0 55.4#

