

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062322\
 Data File : VY009296.D
 Acq On : 23 Jun 2022 15:51
 Operator : KP/MD
 Sample : N3462-01
 Misc : 3.09g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-0-2-20220622

Quant Time: Jun 24 09:23:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 21 14:08:27 2022
 Response via : Initial Calibration

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

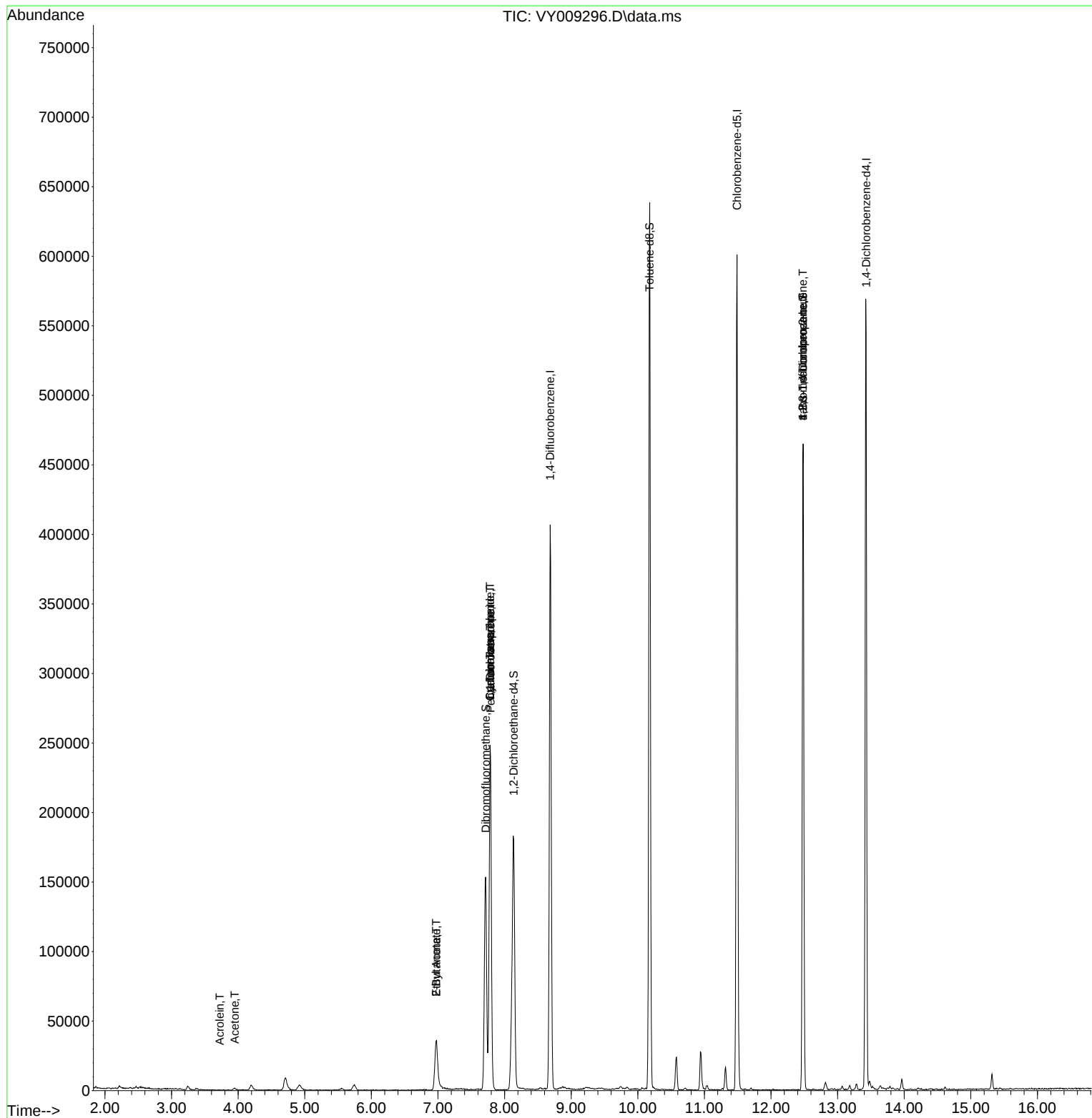
Internal Standards						
1) Pentafluorobenzene	7.789	168	197644	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	343732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	326580	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	145987	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117348	54.061	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 108.120%		
35) Dibromofluoromethane	7.716	113	106974	48.055	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 96.100%		
50) Toluene-d8	10.179	98	408787	47.803	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery	= 95.600%		
62) 4-Bromofluorobenzene	12.477	95	138871	46.215	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery	= 92.420%		
Target Compounds						Qvalue
11) Tert butyl alcohol	4.917	59	4705	Below Cal	#	77
13) Acrolein	3.723	56	70	30.663	ug/l #	14
16) Acetone	3.948	43	2432	4.535	ug/l #	87
18) Methyl Acetate	4.466	43	64	Below Cal	#	56
20) Methylene Chloride	4.710	84	6101	Below Cal	#	91
25) 2-Butanone	6.972	43	2613	3.017	ug/l #	68
31) Cyclohexane	7.783	56	4042	1.073	ug/l #	1
36) 1,1-Dichloropropene	7.783	75	14599	4.309	ug/l #	51
37) Ethyl Acetate	6.972	43	2613	1.276	ug/l #	1
38) Carbon Tetrachloride	7.783	117	18794	5.335	ug/l #	15
76) 1,2,3-Trichloropropane	12.477	75	72452	42.331	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	72452	89.756	ug/l #	7

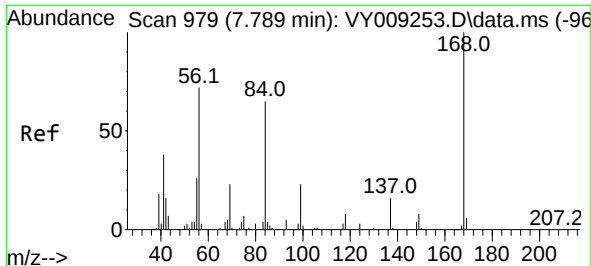
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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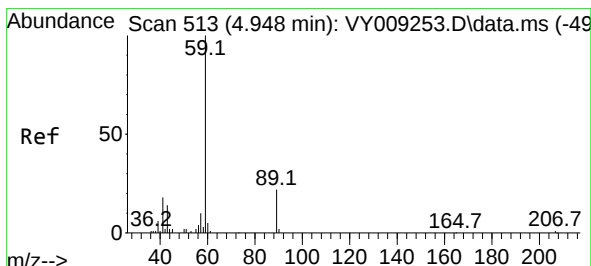
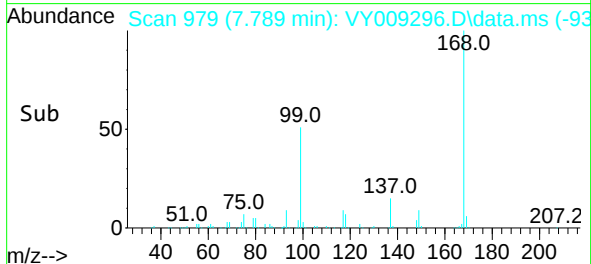
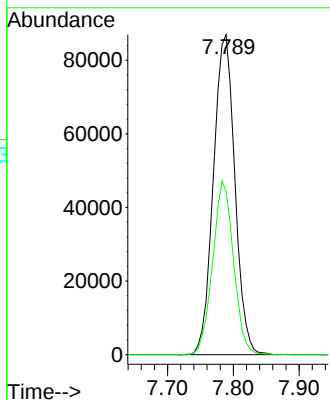
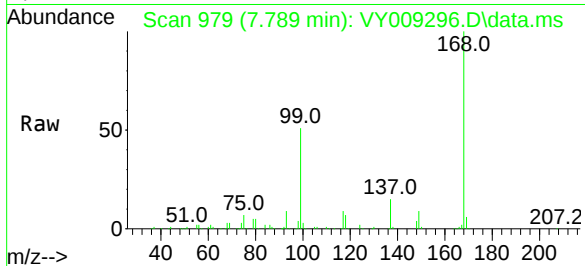




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

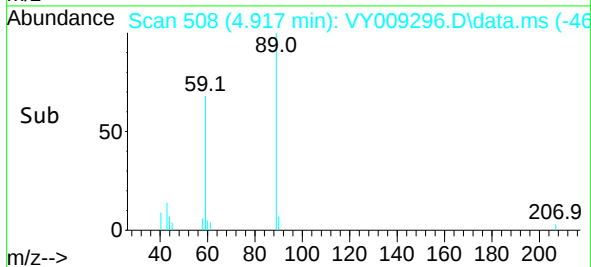
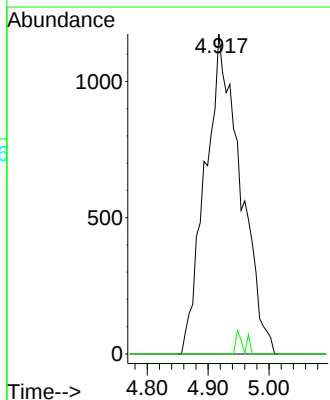
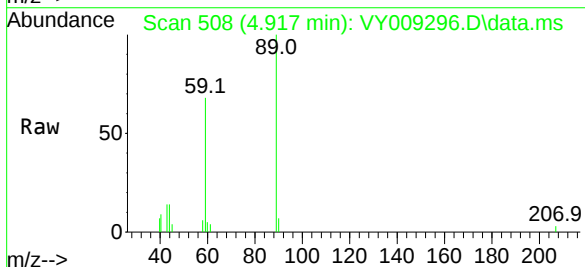
Instrument :
MSVOA_Y
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SB-8-0-2-20220622

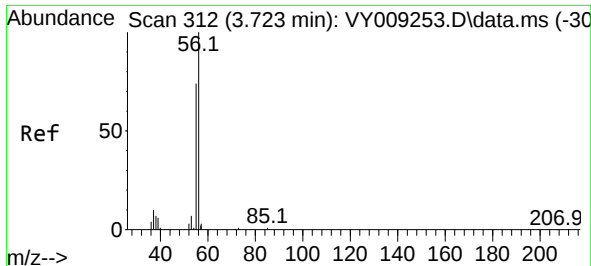
Tgt Ion:168 Resp: 197644
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.917 min Scan# 508
Delta R.T. -0.031 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 59 Resp: 4705
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

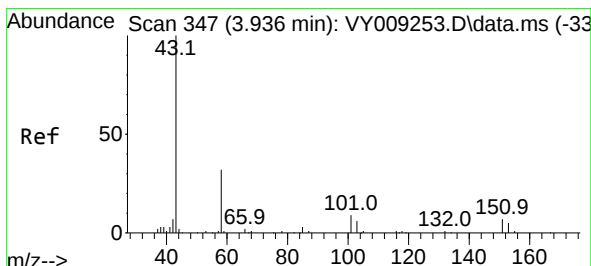
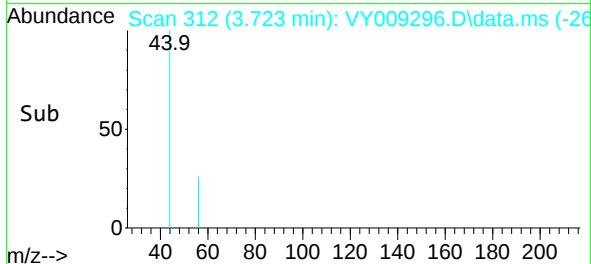
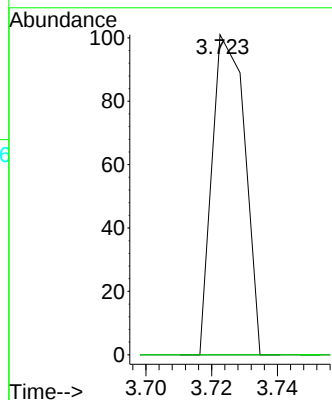
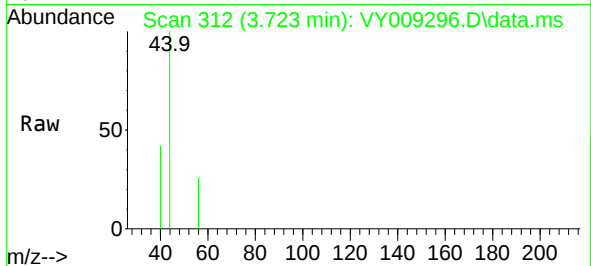




#13
Acrolein
Concen: 30.663 ug/l
RT: 3.723 min Scan# 312
Delta R.T. -0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

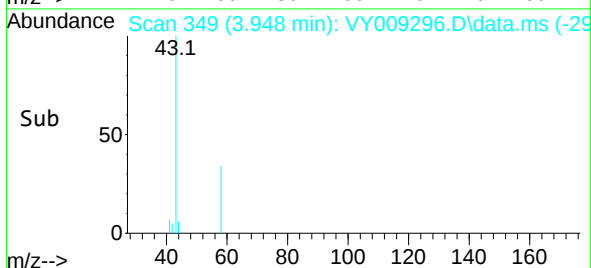
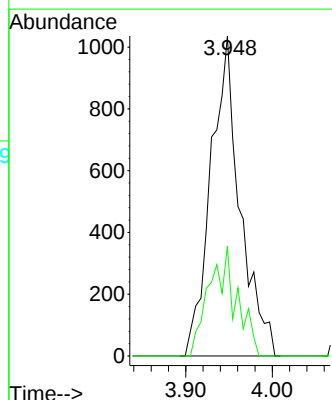
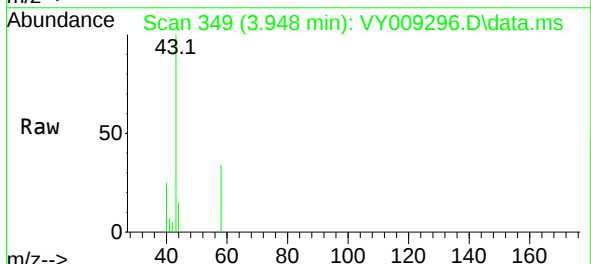
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-0-2-20220622

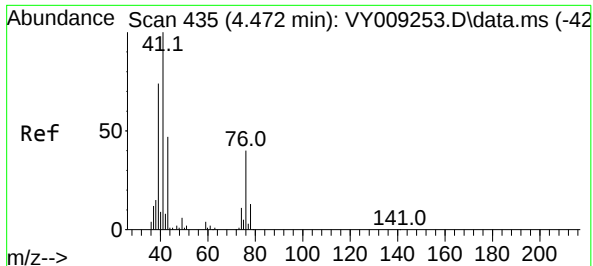
Tgt Ion: 56 Resp: 70
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 4.535 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.012 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

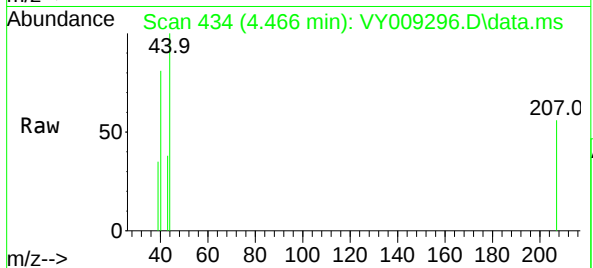
Tgt Ion: 43 Resp: 2432
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#



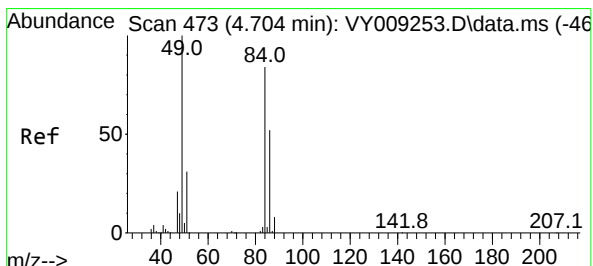
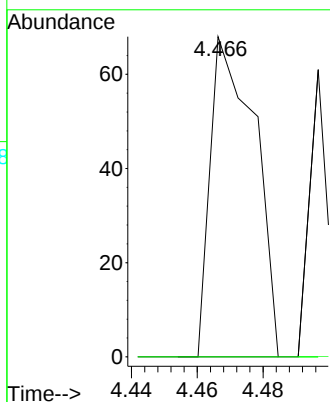
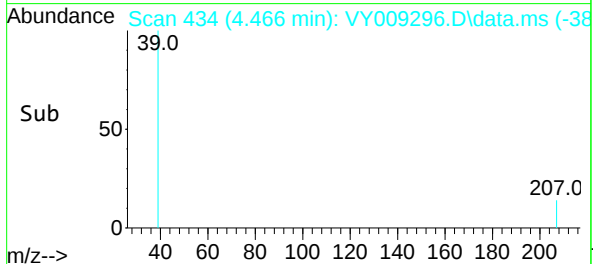


#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

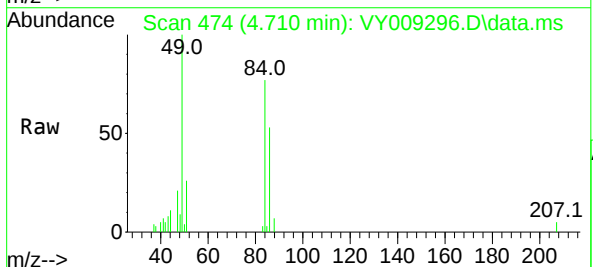
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-0-2-20220622



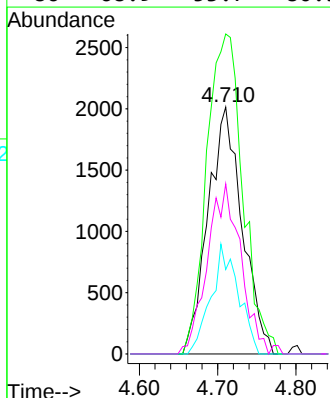
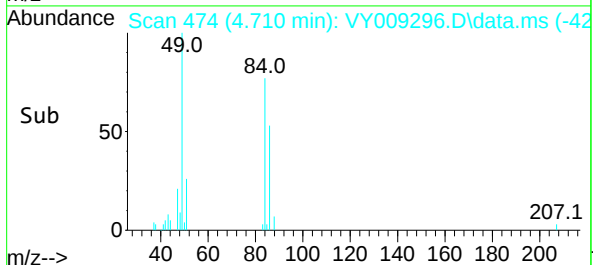
Tgt Ion: 43 Resp: 64
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#

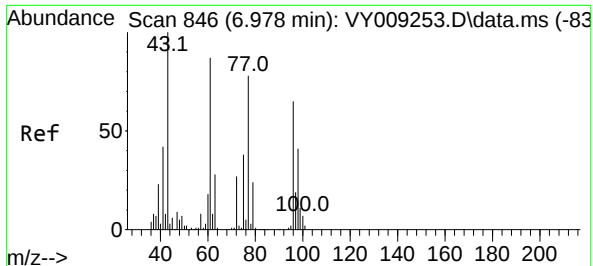


#20
Methylene Chloride
Concen: Below Cal
RT: 4.710 min Scan# 474
Delta R.T. 0.006 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51



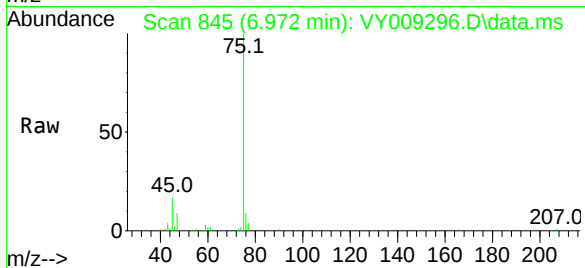
Tgt Ion: 84 Resp: 6101
Ion Ratio Lower Upper
84 100
49 129.6 114.4 171.6
51 34.2 35.3 52.9#
86 68.9 53.7 80.5



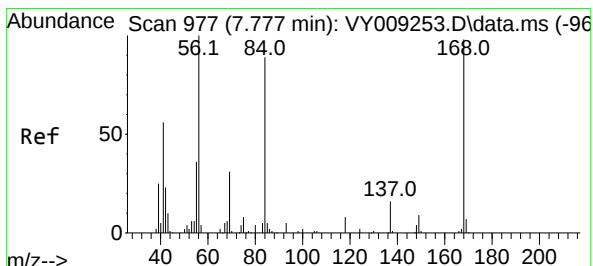
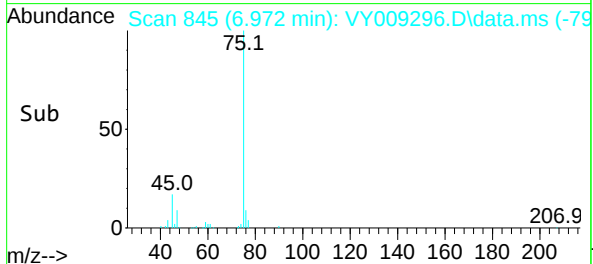
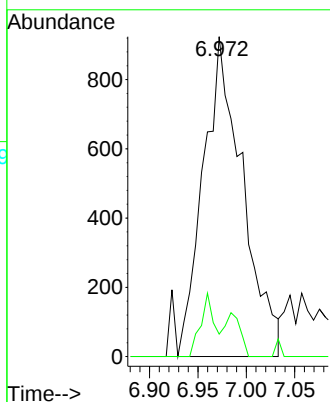


#25
2-Butanone
Concen: 3.017 ug/l
RT: 6.972 min Scan# 846
Delta R.T. -0.006 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Instrument :
MSVOA_Y
ClientSampleId :
SB-8-0-2-20220622

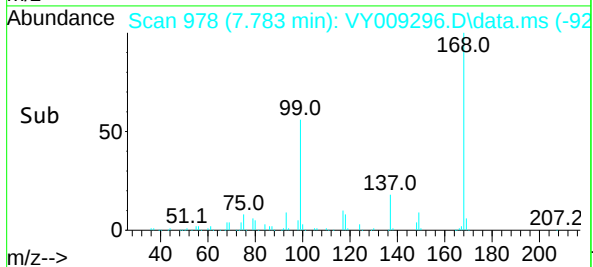
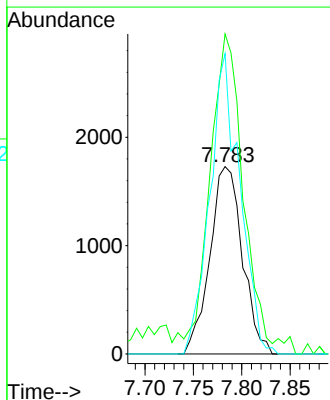
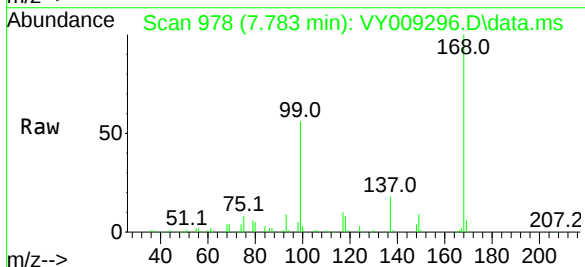


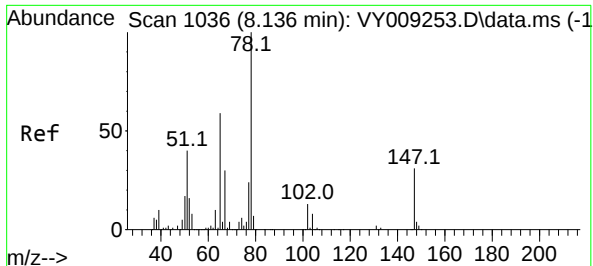
Tgt Ion: 43 Resp: 2613
Ion Ratio Lower Upper
43 100
72 7.0 17.7 26.5#



#31
Cyclohexane
Concen: 1.073 ug/l
RT: 7.783 min Scan# 978
Delta R.T. 0.006 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 56 Resp: 4042
Ion Ratio Lower Upper
56 100
69 162.7 26.7 40.1#
84 160.3 67.2 100.8#





#33

1,2-Dichloroethane-d4

Concen: 54.061 ug/l

RT: 8.136 min Scan# 1103

Delta R.T. 0.000 min

Lab File: VY009296.D

Acq: 23 Jun 2022 15:51

Instrument :

MSVOA_Y

ClientSampleId :

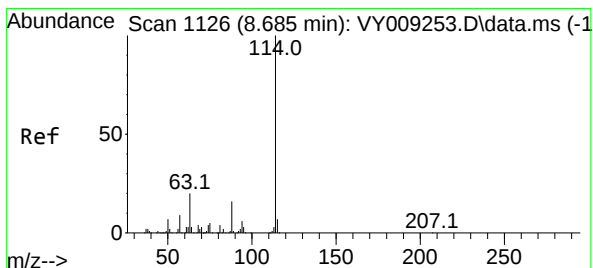
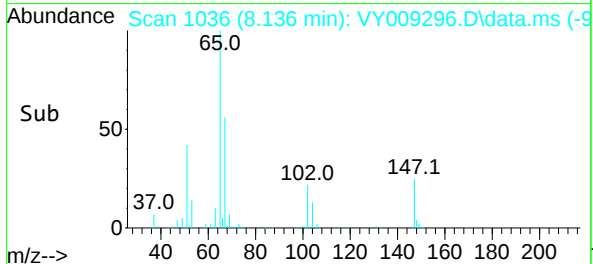
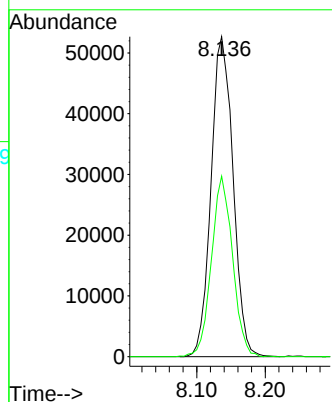
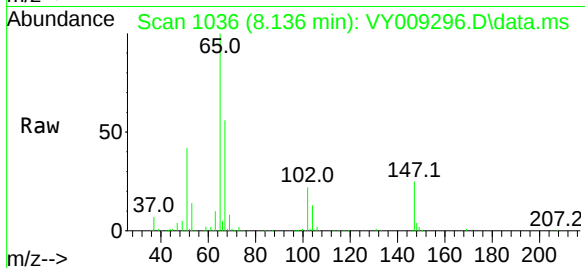
SB-8-0-2-20220622

Tgt Ion: 65 Resp: 117348

Ion Ratio Lower Upper

65 100

67 54.3 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: VY009296.D

Acq: 23 Jun 2022 15:51

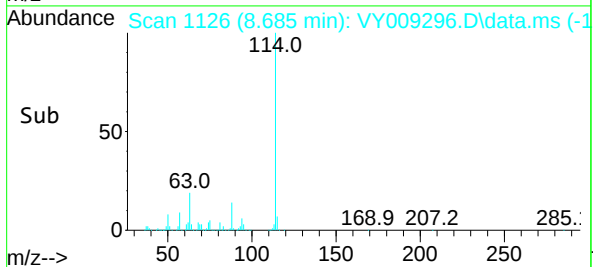
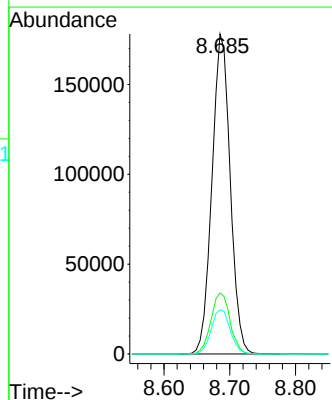
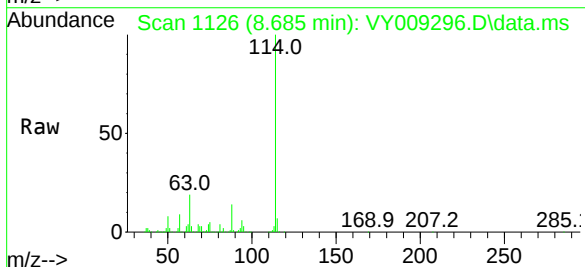
Tgt Ion: 114 Resp: 343732

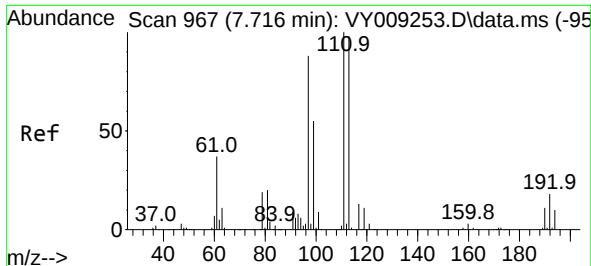
Ion Ratio Lower Upper

114 100

63 19.1 0.0 43.2

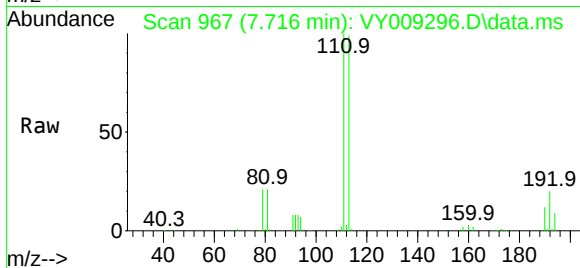
88 13.8 0.0 31.8



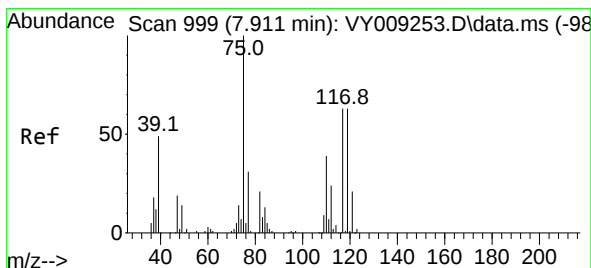
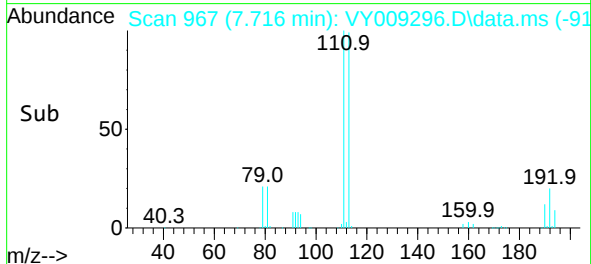
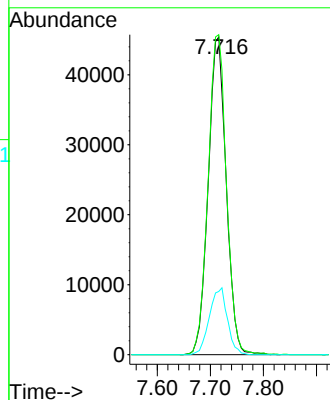


#35
Dibromofluoromethane
Concen: 48.055 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Instrument :
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SB-8-0-2-20220622

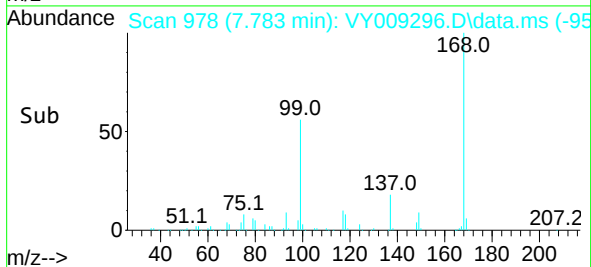
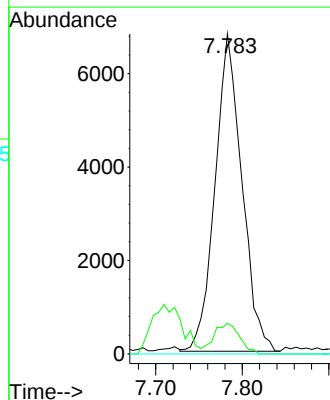
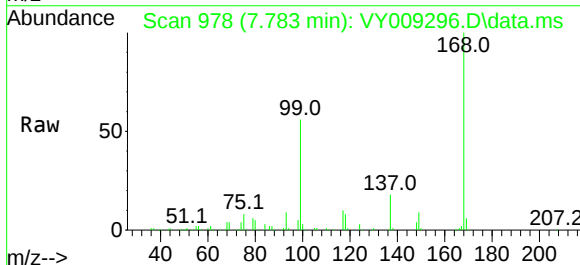


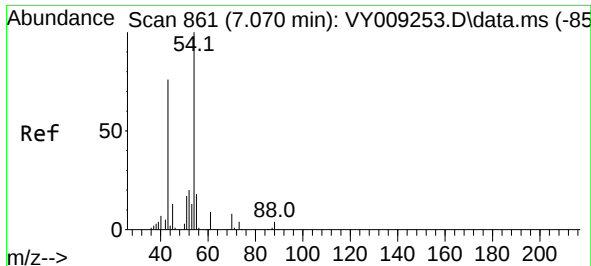
Tgt Ion:113 Resp: 106974
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 21.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.309 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 75 Resp: 14599
Ion Ratio Lower Upper
75 100
110 9.2 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 1.276 ug/l

RT: 6.972 min Scan# 84

Delta R.T. -0.098 min

Lab File: VY009296.D

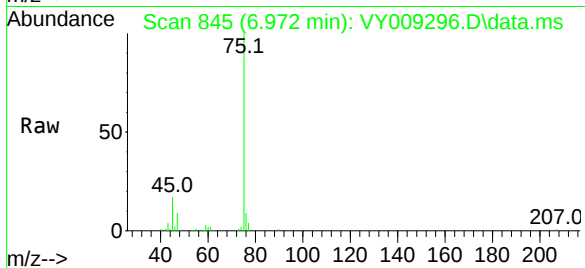
Acq: 23 Jun 2022 15:51

Instrument :

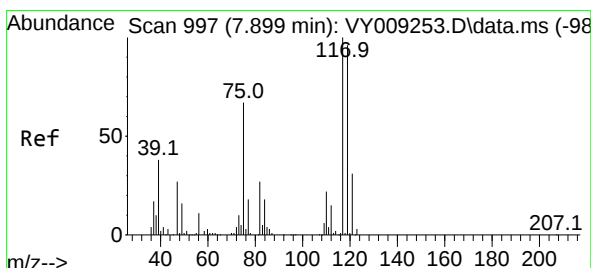
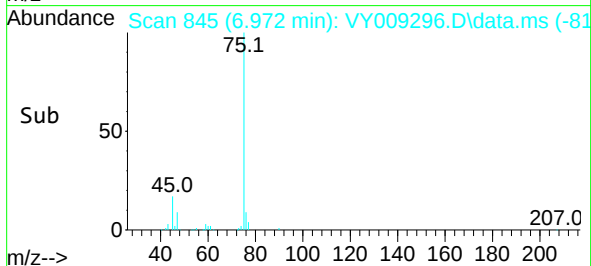
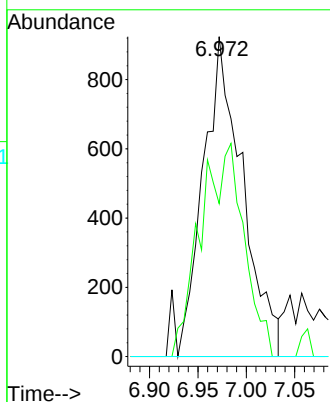
MSVOA_Y

ClientSampleId :

SB-8-0-2-20220622



Tgt Ion:	43	Resp:	2613
Ion	Ratio	Lower	Upper
43	100		
61	73.7	9.7	14.5#
70	0.0	7.1	10.7#



#38

Carbon Tetrachloride

Concen: 5.335 ug/l

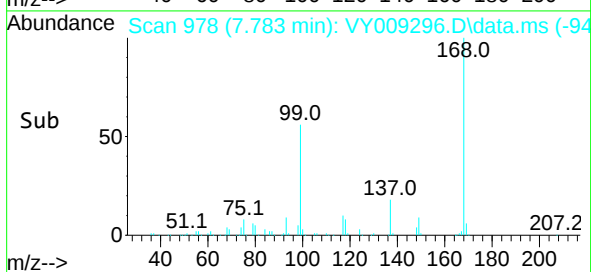
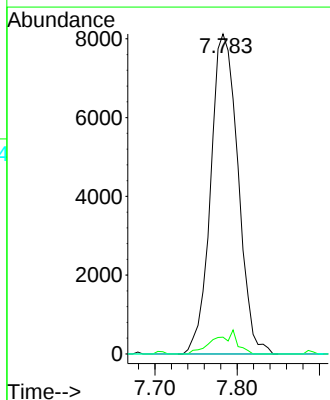
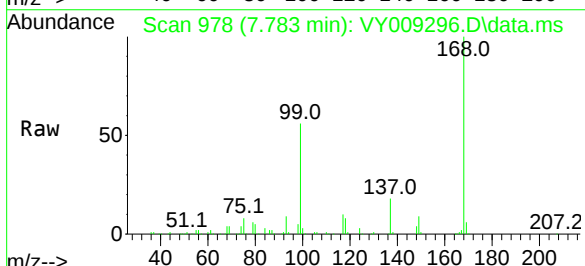
RT: 7.783 min Scan# 978

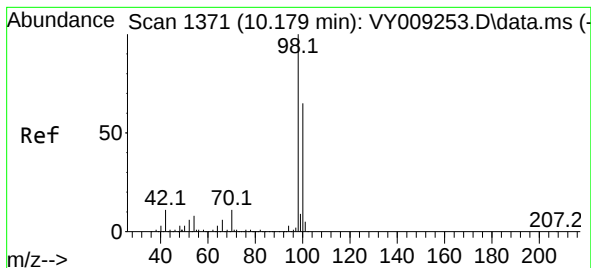
Delta R.T. -0.116 min

Lab File: VY009296.D

Acq: 23 Jun 2022 15:51

Tgt Ion:	117	Resp:	18794
Ion	Ratio	Lower	Upper
117	100		
119	5.3	77.9	116.9#
121	0.0	24.8	37.2#

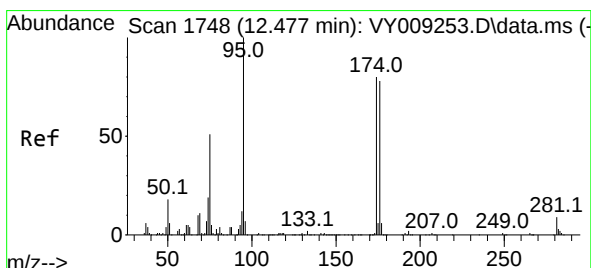
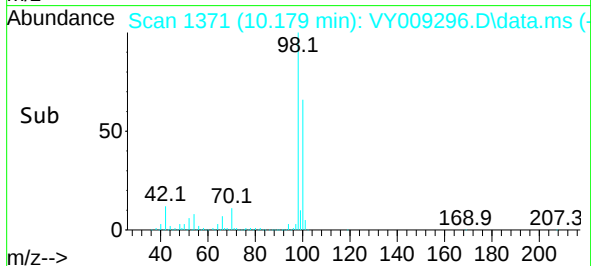
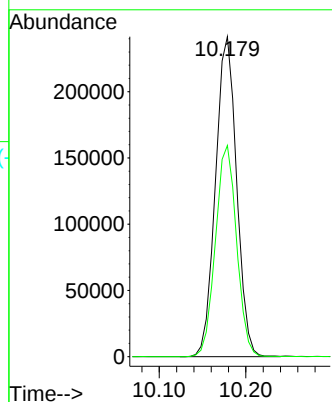
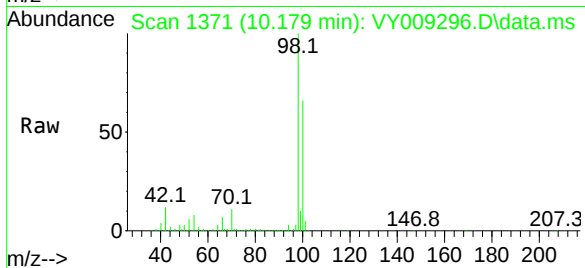




#50
Toluene-d8
Concen: 47.803 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

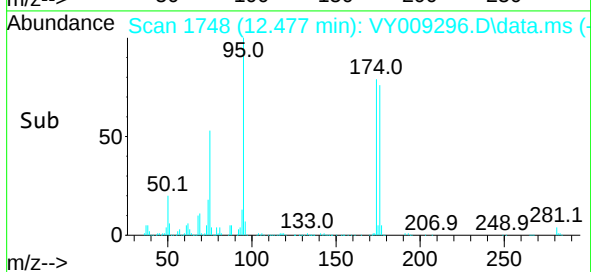
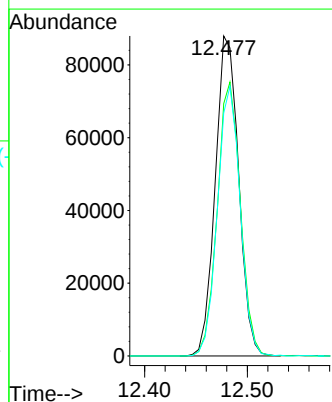
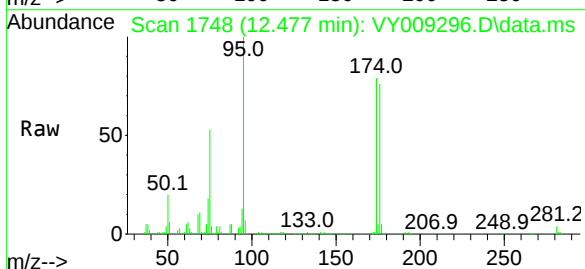
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-0-2-20220622

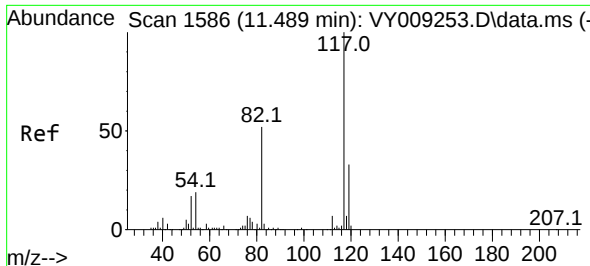
Tgt Ion: 98 Resp: 408787
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 46.215 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Tgt Ion: 95 Resp: 138871
Ion Ratio Lower Upper
95 100
174 84.6 0.0 177.0
176 82.0 0.0 175.8

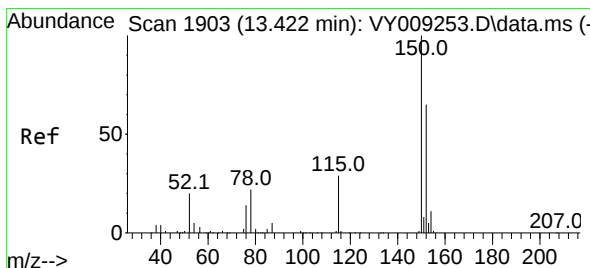
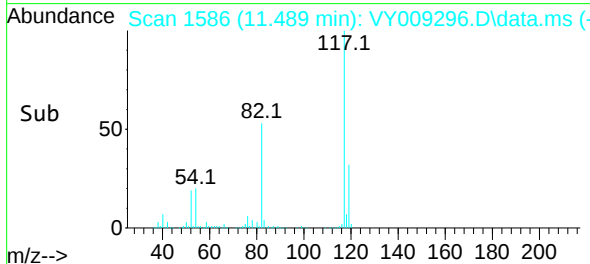
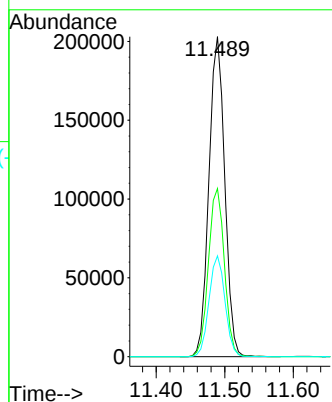
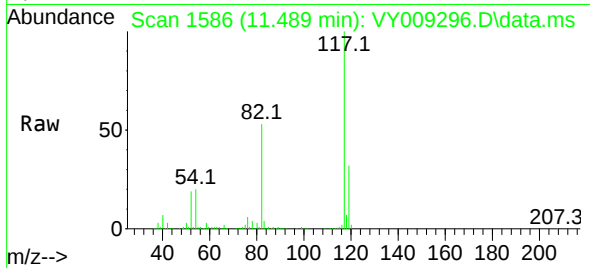




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

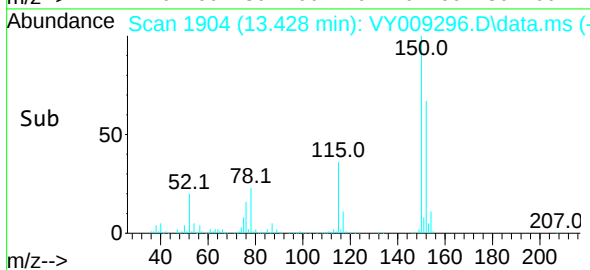
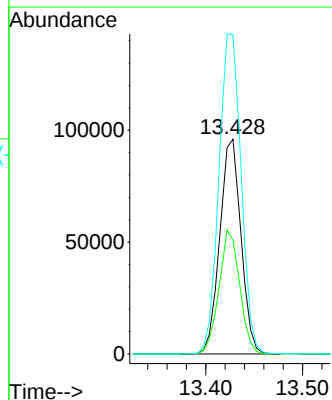
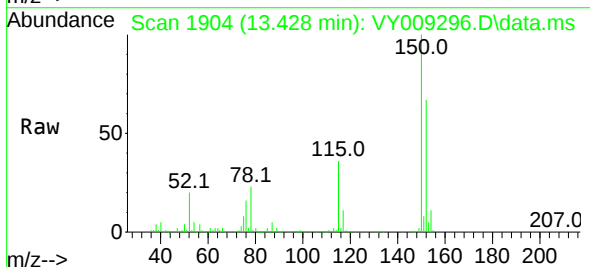
Instrument :
MSVOA_Y
ClientSampleId :
SB-8-0-2-20220622

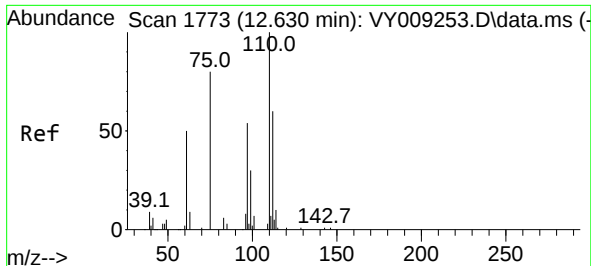
Tgt Ion:117 Resp: 326580
Ion Ratio Lower Upper
117 100
82 52.6 43.0 64.4
119 31.5 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.006 min
Lab File: VY009296.D
Acq: 23 Jun 2022 15:51

Tgt Ion:152 Resp: 145987
Ion Ratio Lower Upper
152 100
115 56.4 28.2 84.7
150 156.1 0.0 347.6

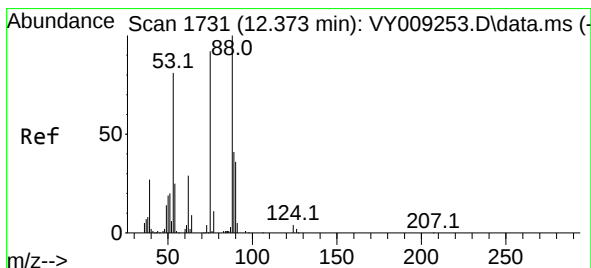
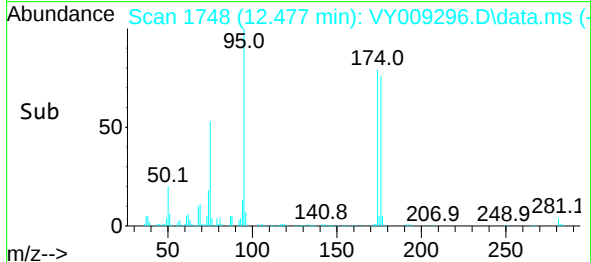
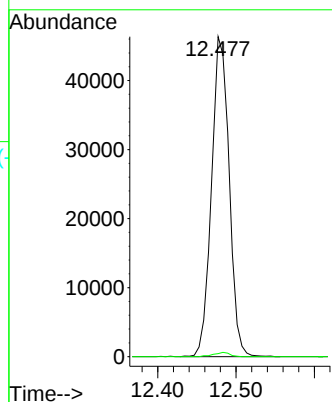
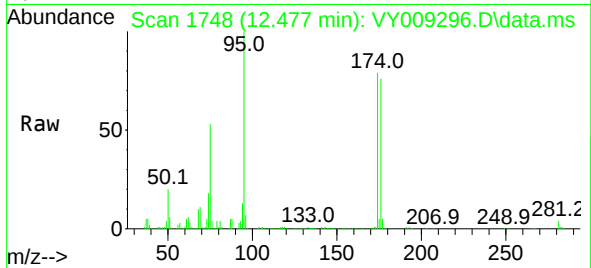




#76
 1,2,3-Trichloropropane
 Concen: 42.331 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. -0.153 min
 Lab File: VY009296.D
 Acq: 23 Jun 2022 15:51

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-8-0-2-20220622

Tgt Ion: 75 Resp: 72452
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#



#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.756 ug/l
 RT: 12.477 min Scan# 1748
 Delta R.T. 0.104 min
 Lab File: VY009296.D
 Acq: 23 Jun 2022 15:51

Tgt Ion: 75 Resp: 72452
 Ion Ratio Lower Upper
 75 100
 53 0.2 85.3 127.9#
 89 0.2 37.0 55.4#

