

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020722\
 Data File : VY007413.D
 Acq On : 07 Feb 2022 15:18
 Operator : SY/MD
 Sample : N1411-02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 282-284

Quant Time: Feb 08 00:38:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

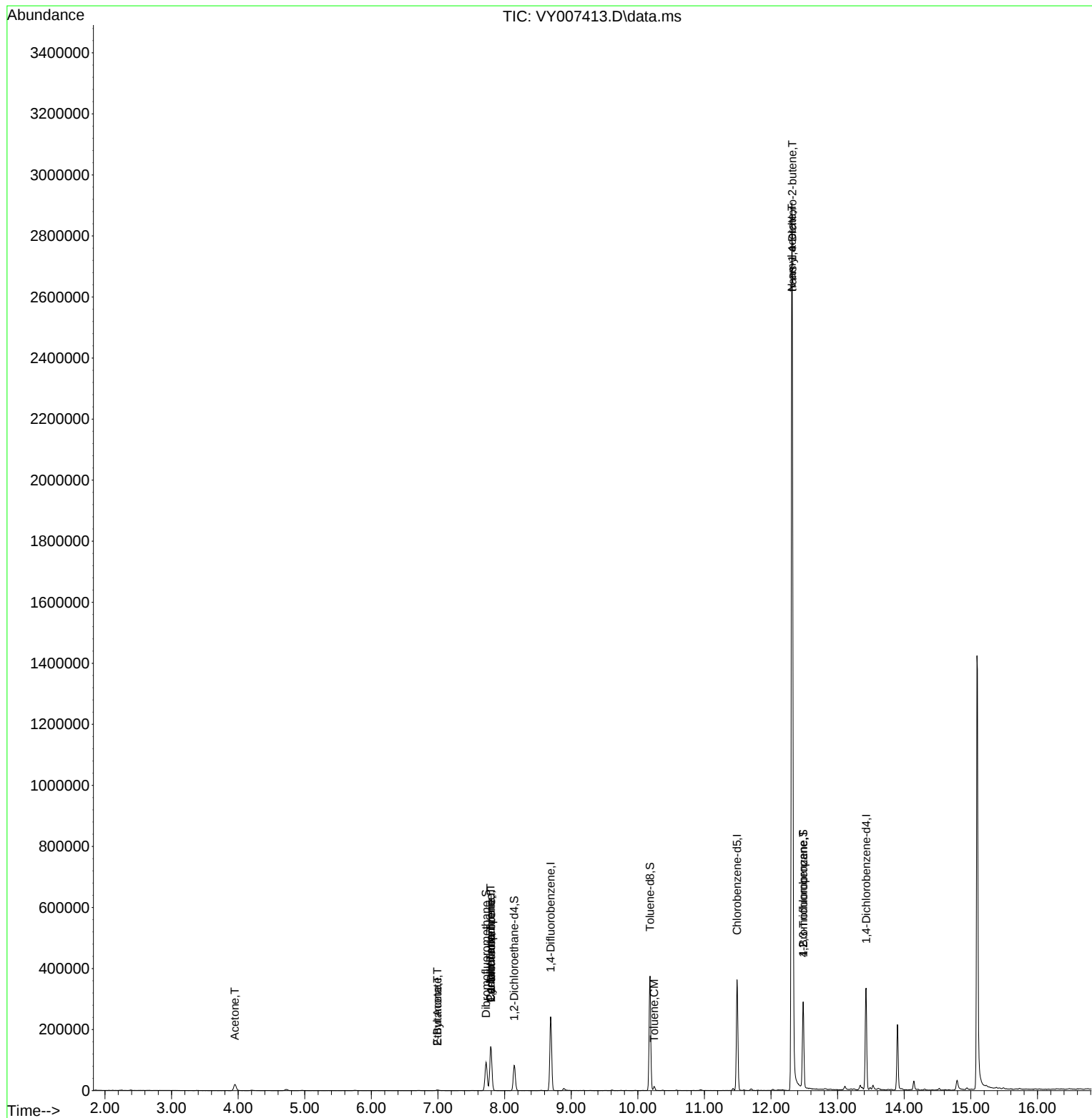
Internal Standards						
1) Pentafluorobenzene	7.795	168	106070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200488	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	188816	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	82720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	64350	52.743	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.480%	
35) Dibromofluoromethane	7.722	113	64781	50.319	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.640%	
50) Toluene-d8	10.185	98	244119	51.325	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.640%	
62) 4-Bromofluorobenzene	12.483	95	87974	54.418	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.840%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.113	50	632	Below Cal		98
11) Tert butyl alcohol	4.954	59	2220	Below Cal	#	84
16) Acetone	3.948	43	35936	90.691	ug/l	92
25) 2-Butanone	6.990	43	3981	8.316	ug/l	93
31) Cyclohexane	7.789	56	2673	1.123	ug/l	# 1
36) 1,1-Dichloropropene	7.795	75	9009	4.003	ug/l	# 51
37) Ethyl Acetate	6.990	43	3981	3.558	ug/l	# 72
38) Carbon Tetrachloride	7.789	117	11469	4.850	ug/l	# 16
52) Toluene	10.246	92	5014	1.334	ug/l	95
74) N-amyl acetate	12.313	43	130292	69.627	ug/l	# 32
76) 1,2,3-Trichloropropane	12.483	75	48333	49.149	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.319	75	159277	324.489	ug/l	# 17

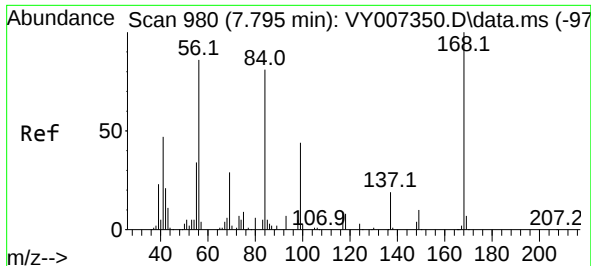
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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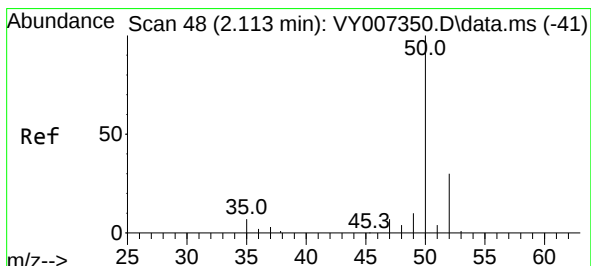
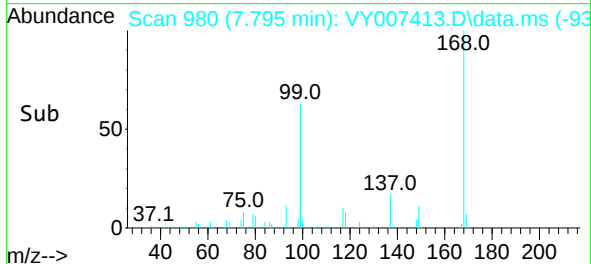
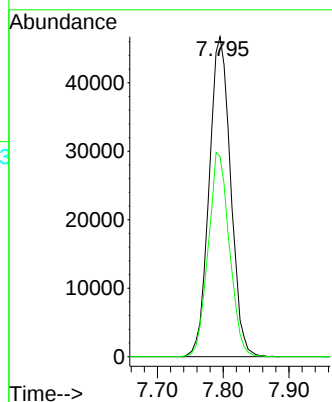
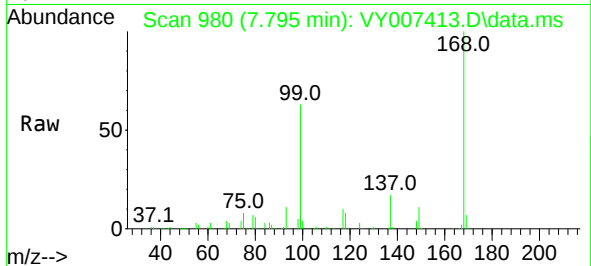




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

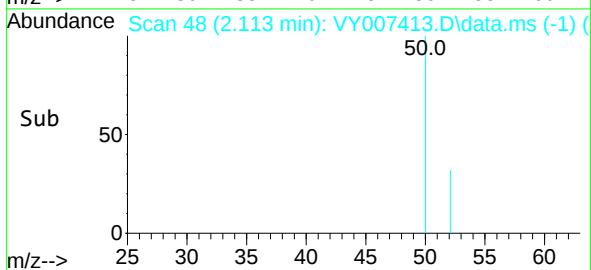
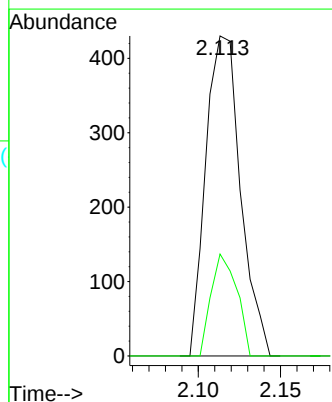
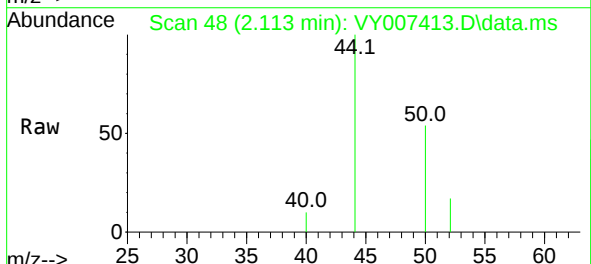
Instrument :
MSVOA_Y
ClientSampleId :
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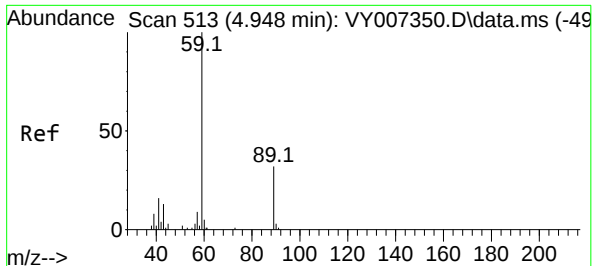
Tgt Ion:168 Resp: 106070
Ion Ratio Lower Upper
168 100
99 62.5 46.9 70.3



#3
Chloromethane
Concen: Below Cal
RT: 2.113 min Scan# 48
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Tgt Ion: 50 Resp: 632
Ion Ratio Lower Upper
50 100
52 31.9 24.6 37.0





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.954 min Scan# 513

Delta R.T. 0.006 min

Lab File: VY007413.D

Acq: 07 Feb 2022 15:18

Instrument :

MSVOA_Y

ClientSampleId :

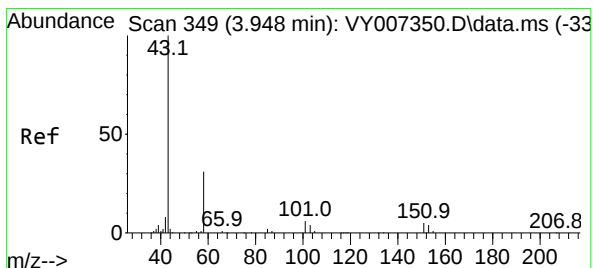
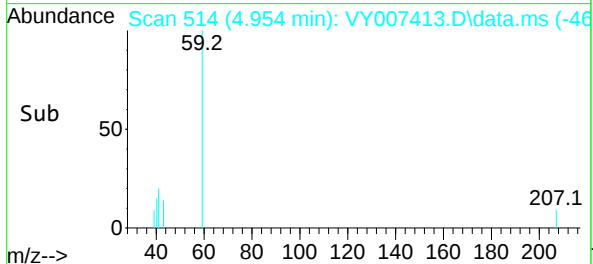
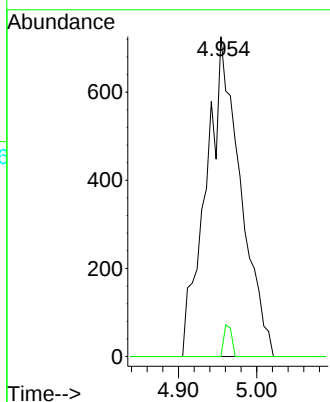
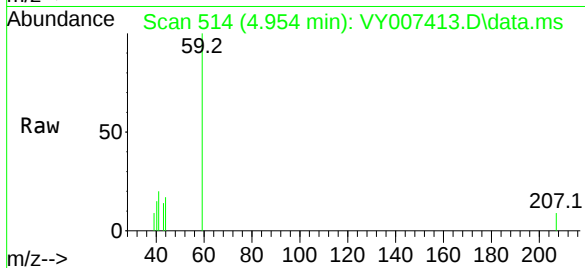
282-284

Tgt Ion: 59 Resp: 2220

Ion Ratio Lower Upper

59 100

57 2.3 6.4 9.6#



#16

Acetone

Concen: 90.691 ug/l

RT: 3.948 min Scan# 349

Delta R.T. 0.000 min

Lab File: VY007413.D

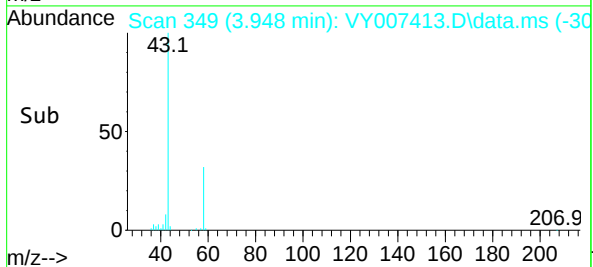
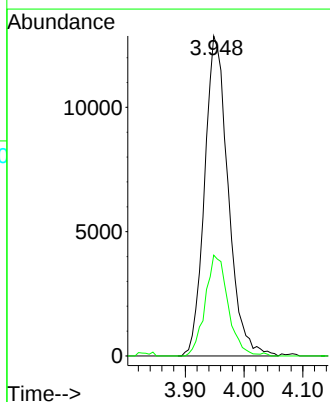
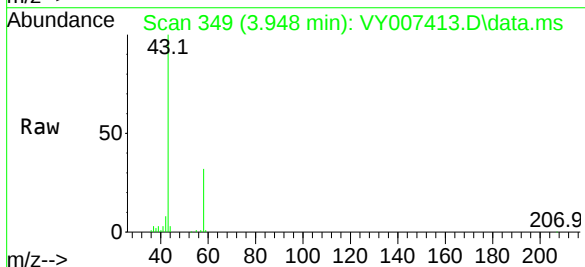
Acq: 07 Feb 2022 15:18

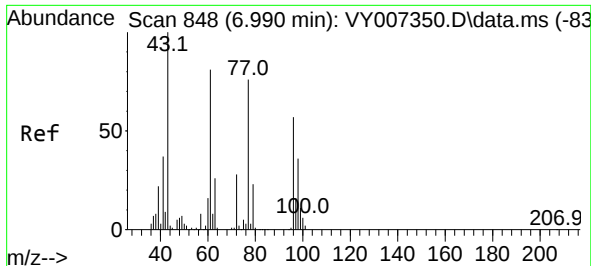
Tgt Ion: 43 Resp: 35936

Ion Ratio Lower Upper

43 100

58 31.5 22.0 33.0

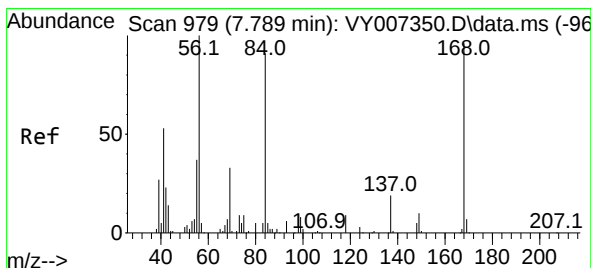
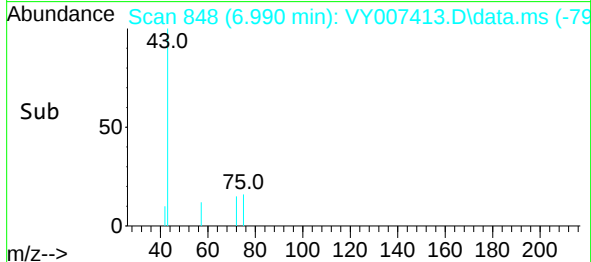
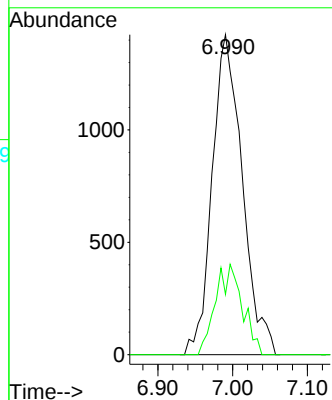
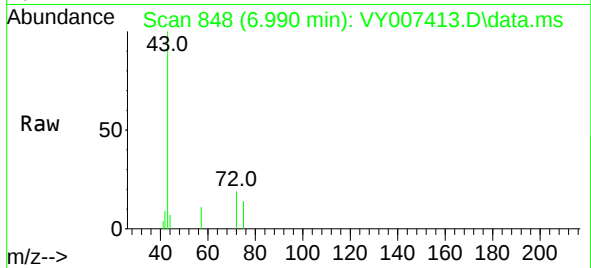




#25
2-Butanone
Concen: 8.316 ug/l
RT: 6.990 min Scan# 848
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

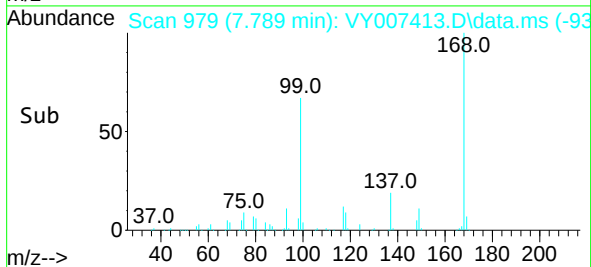
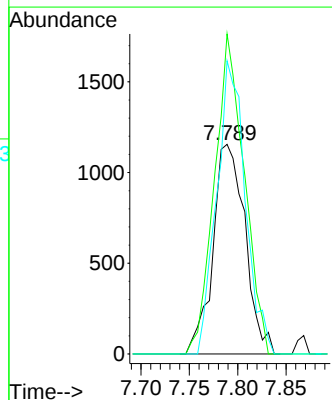
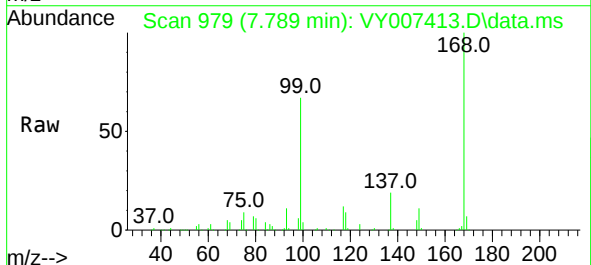
Instrument :
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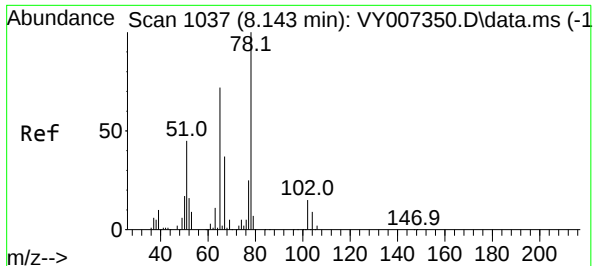
Tgt Ion: 43 Resp: 3981
Ion Ratio Lower Upper
43 100
72 18.8 17.7 26.5



#31
Cyclohexane
Concen: 1.123 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Tgt Ion: 56 Resp: 2673
Ion Ratio Lower Upper
56 100
69 152.7 26.7 40.1#
84 139.9 67.2 100.8#

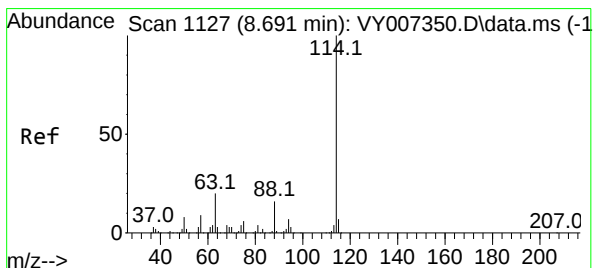
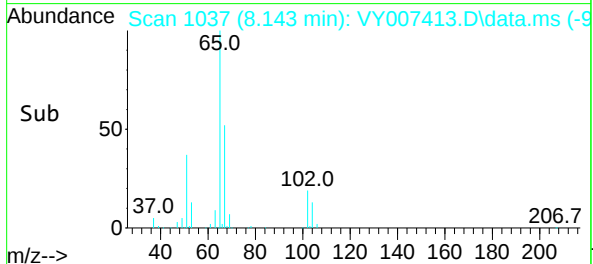
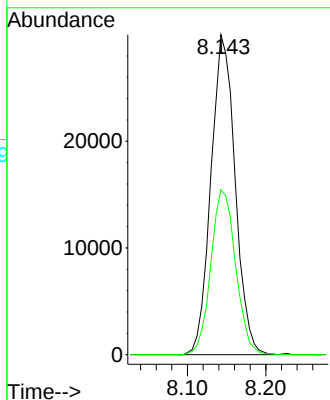
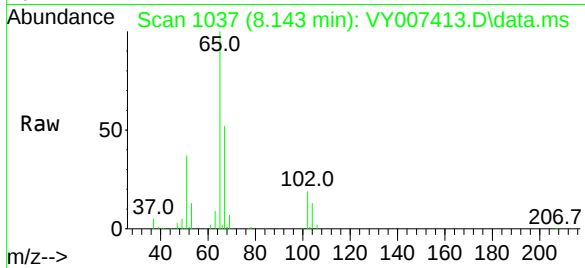




#33
1,2-Dichloroethane-d4
Concen: 52.743 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

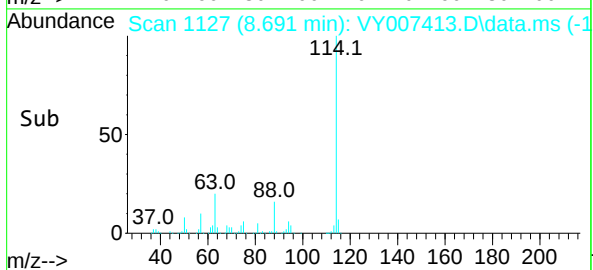
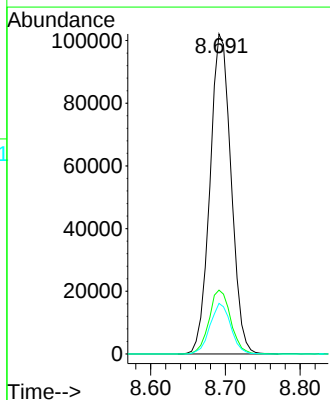
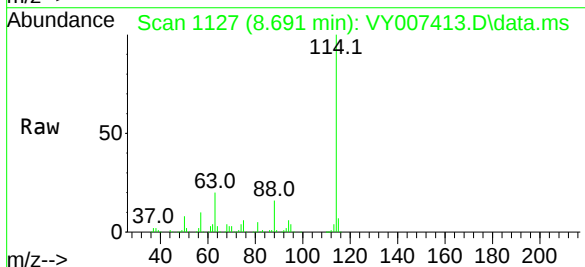
Instrument :
MSVOA_Y
ClientSampleId :
282-284

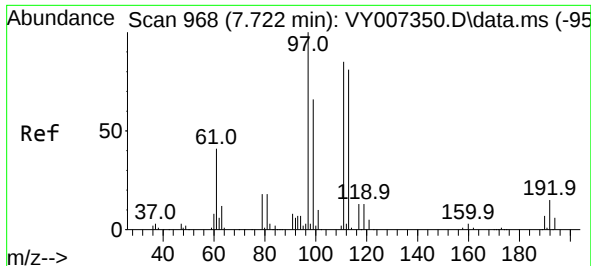
Tgt Ion: 65 Resp: 64350
Ion Ratio Lower Upper
65 100
67 52.8 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Tgt Ion: 114 Resp: 200488
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 15.8 0.0 31.8

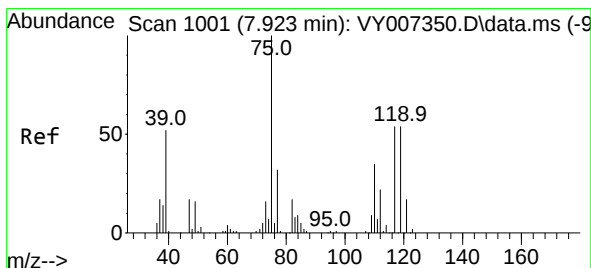
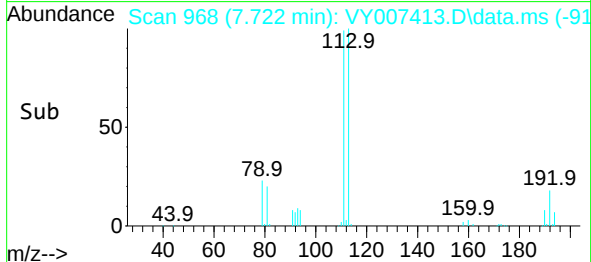
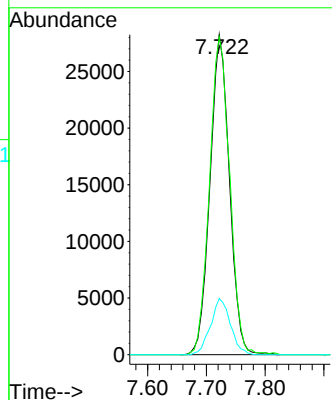
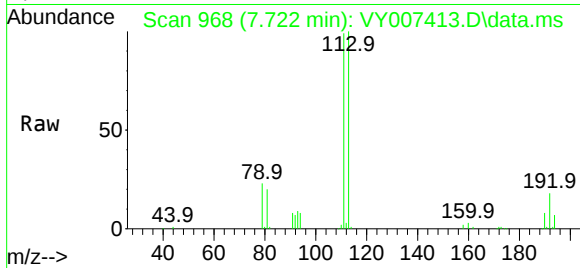




#35
Dibromofluoromethane
Concen: 50.319 ug/l
RT: 7.722 min Scan# 90
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

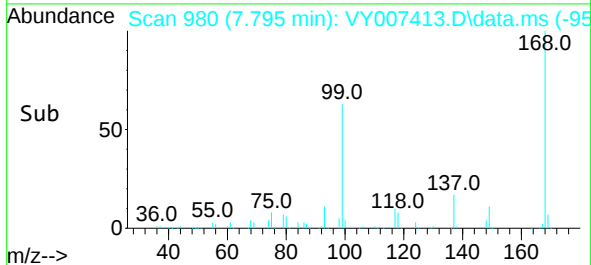
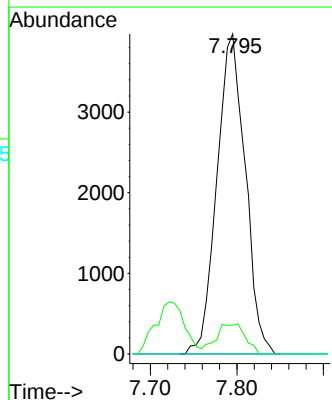
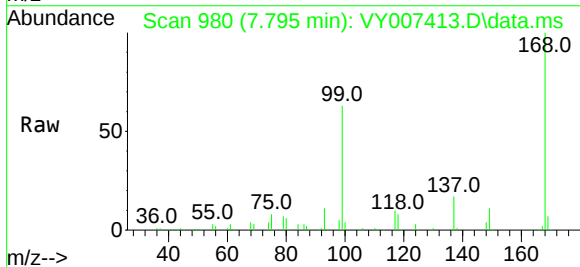
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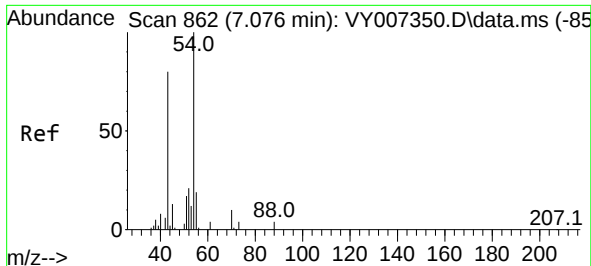
Tgt Ion:113 Resp: 64781
Ion Ratio Lower Upper
113 100
111 103.5 82.6 124.0
192 18.0 17.6 26.4



#36
1,1-Dichloropropene
Concen: 4.003 ug/l
RT: 7.795 min Scan# 980
Delta R.T. -0.128 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Tgt Ion: 75 Resp: 9009
Ion Ratio Lower Upper
75 100
110 9.7 17.1 51.2#
77 0.0 24.4 36.6#





#37

Ethyl Acetate

Concen: 3.558 ug/l

RT: 6.990 min Scan# 84

Delta R.T. -0.085 min

Lab File: VY007413.D

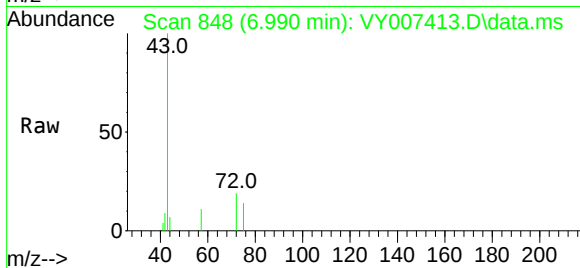
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Instrument :

MSVOA_Y

ClientSampleId :

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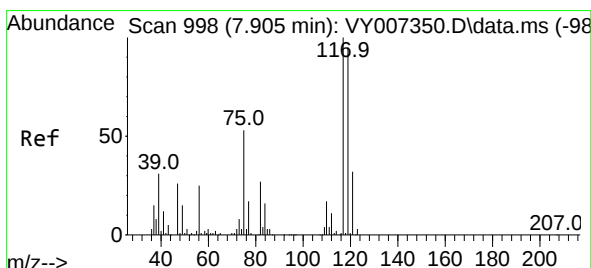
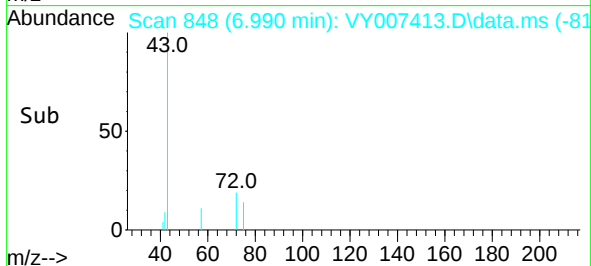
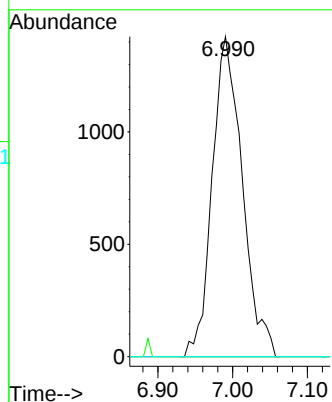
Tgt Ion: 43 Resp: 3981

Ion Ratio Lower Upper

43 100

61 0.0 9.7 14.5#

70 0.0 7.1 10.7#



#38

Carbon Tetrachloride

Concen: 4.850 ug/l

RT: 7.789 min Scan# 979

Delta R.T. -0.116 min

Lab File: VY007413.D

Acq: 07 Feb 2022 15:18

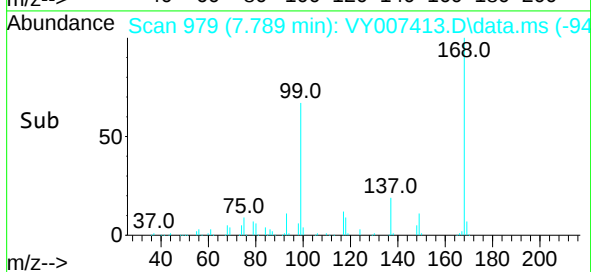
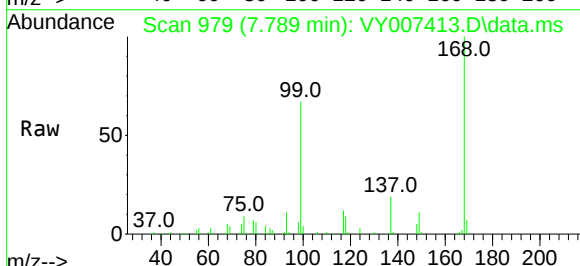
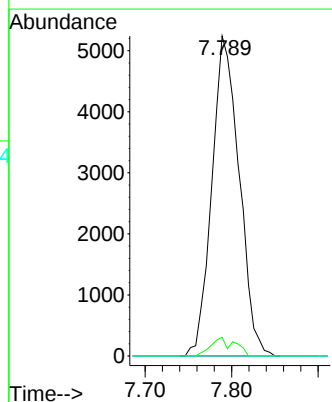
Tgt Ion: 117 Resp: 11469

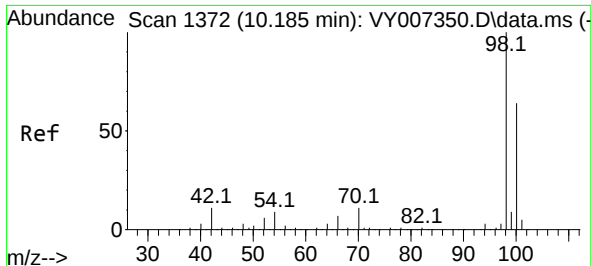
Ion Ratio Lower Upper

117 100

119 5.8 77.9 116.9#

121 0.0 24.8 37.2#

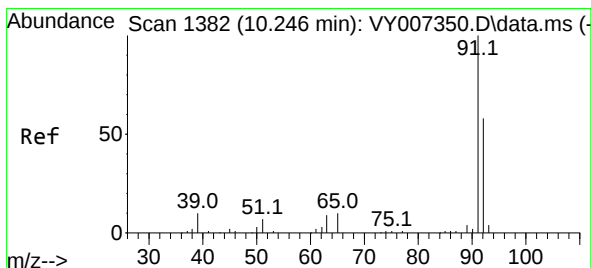
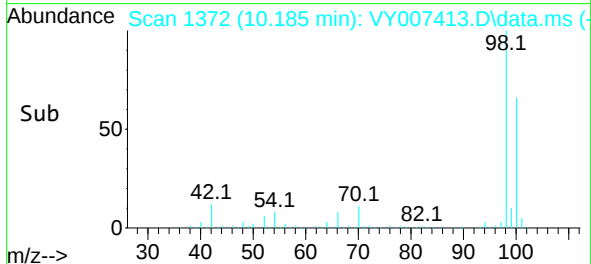
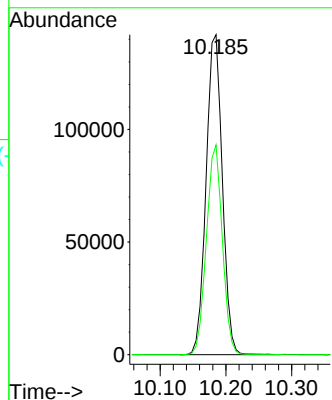
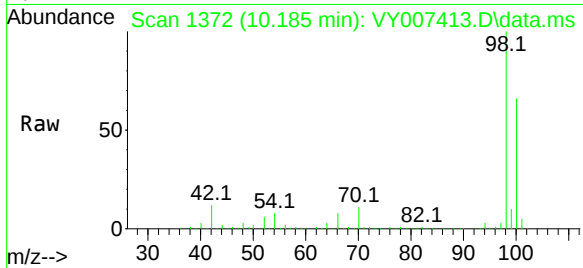




#50
Toluene-d8
Concen: 51.325 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

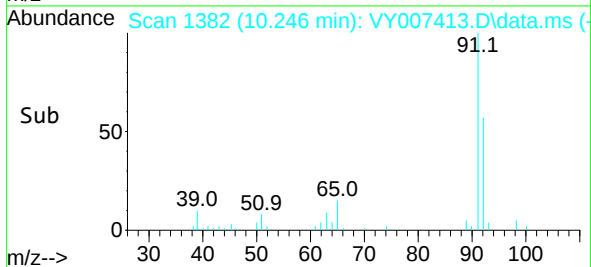
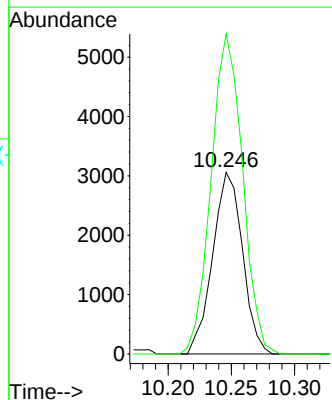
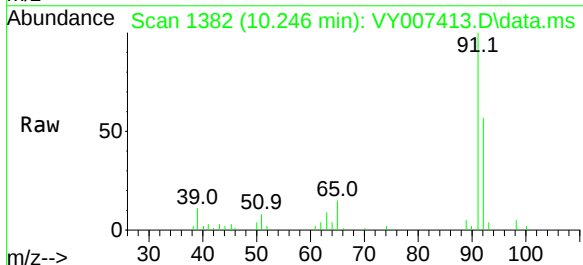
Instrument :
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ClientSampleId :
282-284

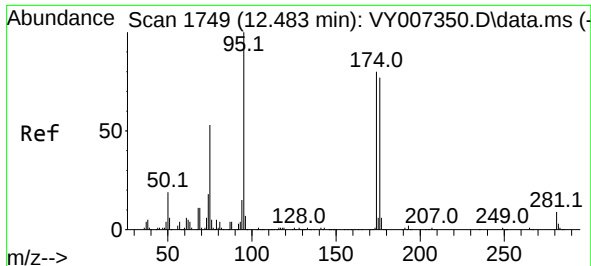
Tgt Ion: 98 Resp: 244119
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#52
Toluene
Concen: 1.334 ug/l
RT: 10.246 min Scan# 1382
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Tgt Ion: 92 Resp: 5014
Ion Ratio Lower Upper
92 100
91 185.7 142.6 213.8

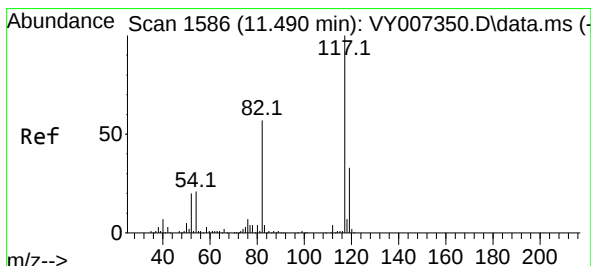
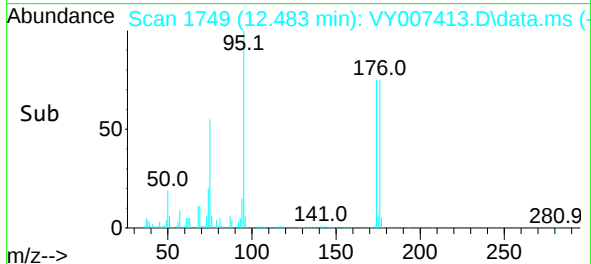
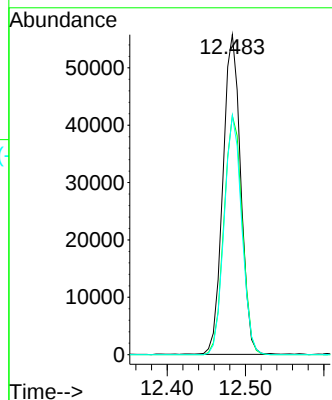
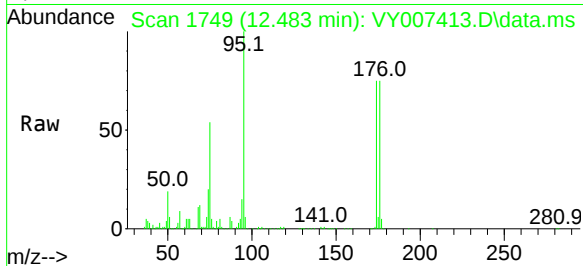




#62
4-Bromofluorobenzene
Concen: 54.418 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

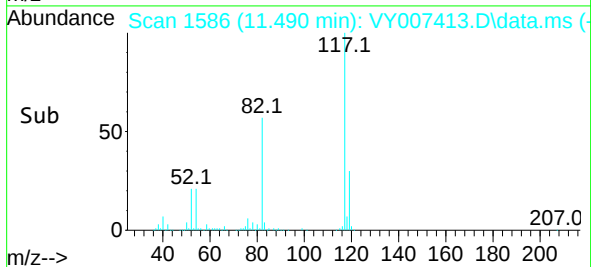
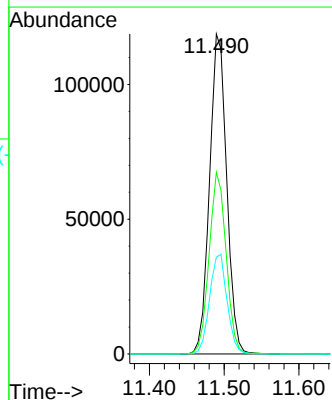
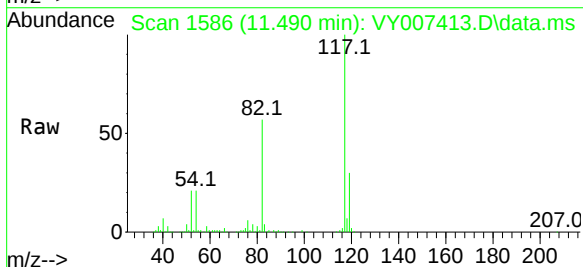
Instrument :
MSVOA_Y
ClientSampleId :
282-284

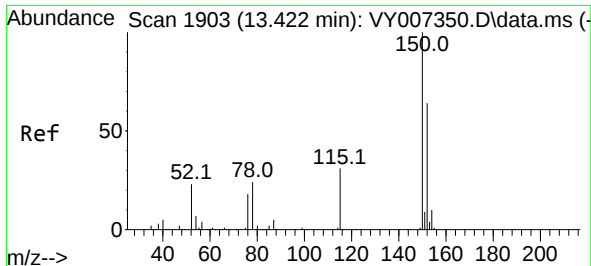
Tgt Ion: 95 Resp: 87974
Ion Ratio Lower Upper
95 100
174 76.6 0.0 177.0
176 74.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Tgt Ion: 117 Resp: 188816
Ion Ratio Lower Upper
117 100
82 56.8 43.0 64.4
119 30.3 25.4 38.0

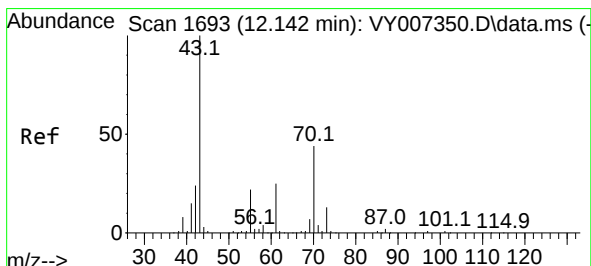
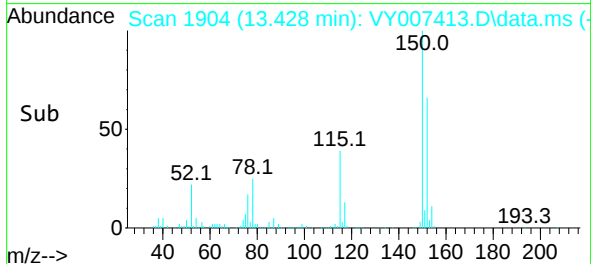
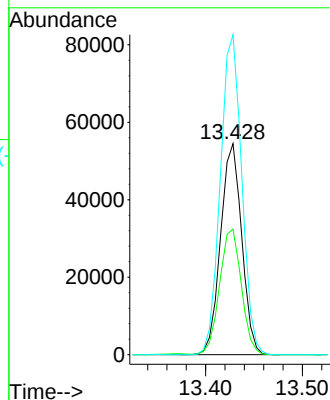
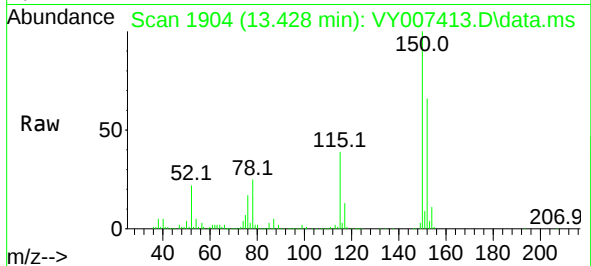




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1903
Delta R.T. 0.006 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

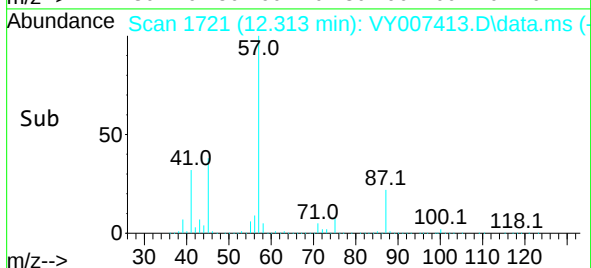
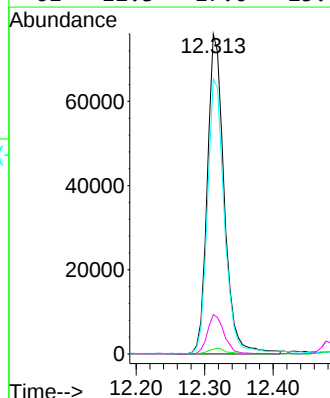
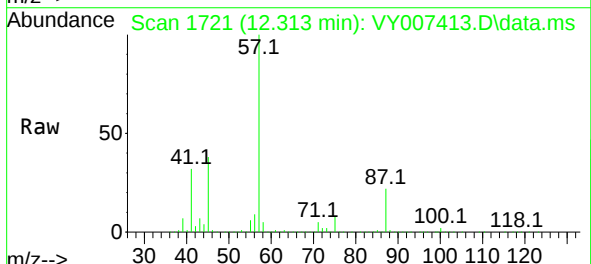
Instrument :
MSVOA_Y
ClientSampleId :
282-284

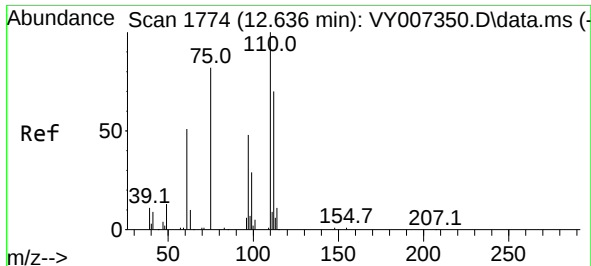
Tgt Ion:152 Resp: 82720
Ion Ratio Lower Upper
152 100
115 61.1 28.2 84.7
150 153.2 0.0 347.6



#74
N-amy1 acetate
Concen: 69.627 ug/l
RT: 12.313 min Scan# 1721
Delta R.T. 0.171 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Tgt Ion: 43 Resp: 130292
Ion Ratio Lower Upper
43 100
70 1.9 28.7 43.1#
55 85.3 17.3 25.9#
61 12.3 17.0 25.6#

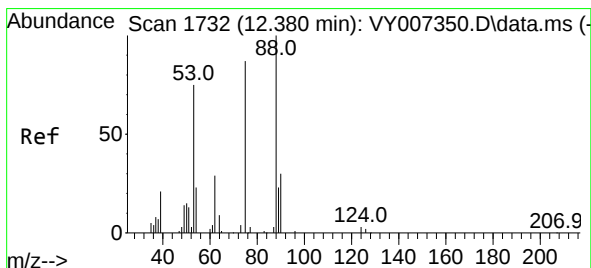
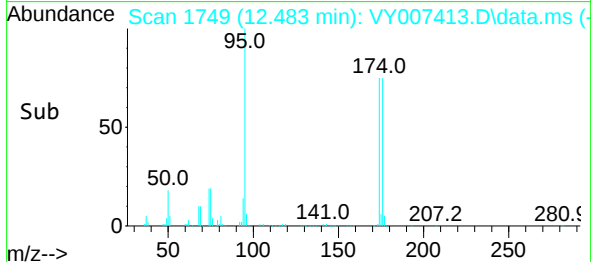
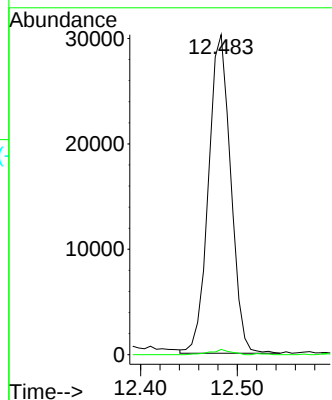
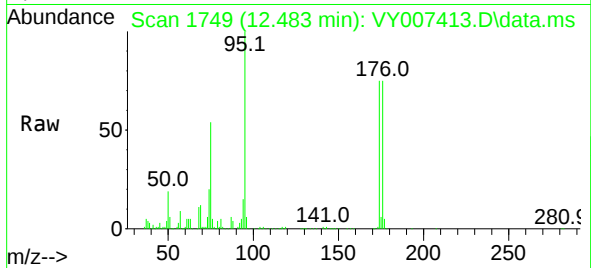




#76
1,2,3-Trichloropropane
Concen: 49.149 ug/l
RT: 12.483 min Scan# 11
Delta R.T. -0.152 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Instrument :
MSVOA_Y
ClientSampleId :
282-284

Tgt Ion: 75 Resp: 48333
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 324.489 ug/l
RT: 12.319 min Scan# 1722
Delta R.T. -0.061 min
Lab File: VY007413.D
Acq: 07 Feb 2022 15:18

Tgt Ion: 75 Resp: 159277
Ion Ratio Lower Upper
75 100
53 12.0 85.3 127.9#
89 4.5 37.0 55.4#

