

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032122\
 Data File : VY007947.D
 Acq On : 21 Mar 2022 12:18
 Operator : SY/MD
 Sample : N1951-03RE
 Misc : 6.97g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DB-15-(10-15)-3-12-22RE

Quant Time: Mar 21 16:03:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y031722S.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 17 13:55:34 2022
 Response via : Initial Calibration

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

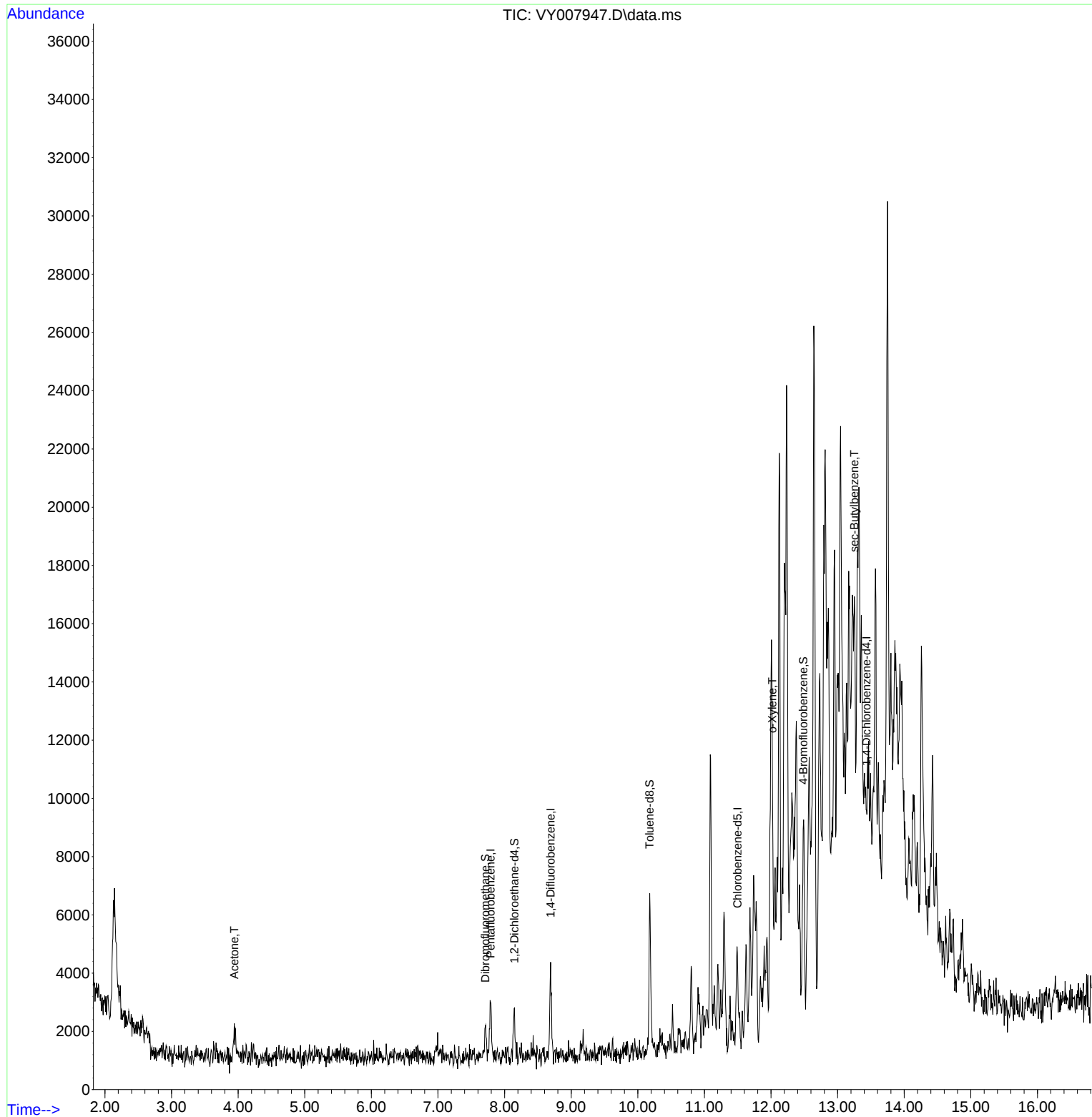
Internal Standards						
1) Pentafluorobenzene	7.789	168	1561	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	2975	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1807	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	345	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	1151	64.669	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.340%	
35) Dibromofluoromethane	7.710	113	815	39.008	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 78.020%	
50) Toluene-d8	10.179	98	3330	53.173	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.340%	
62) 4-Bromofluorobenzene	12.483	95	1170	39.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.040%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.296	62	21	Below Cal	#	43
16) Acetone	3.942	43	1749	370.423	ug/l #	83
17) Carbon Disulfide	4.204	76	65	Below Cal	#	75
20) Methylene Chloride	4.722	84	41	Below Cal	#	49
31) Cyclohexane	7.801	56	25	Below Cal	#	17
69) o-Xylene	12.020	106	41	1.409	ug/l #	1
85) sec-Butylbenzene	13.251	105	1837	54.849	ug/l #	76

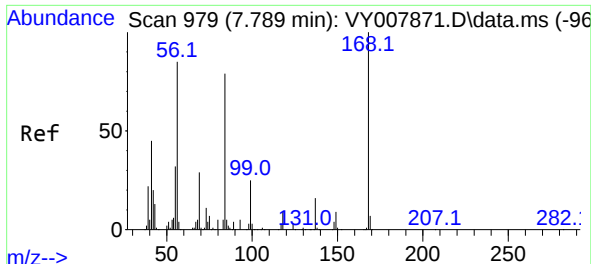
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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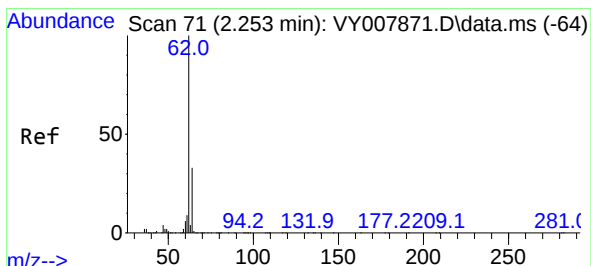
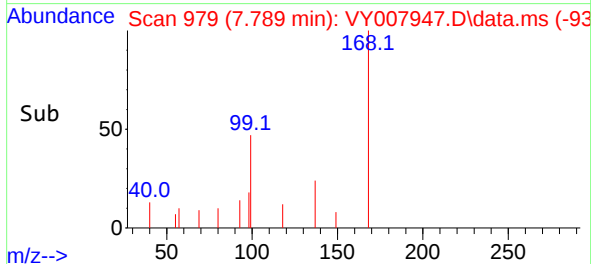
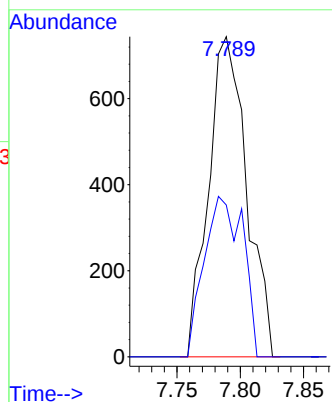
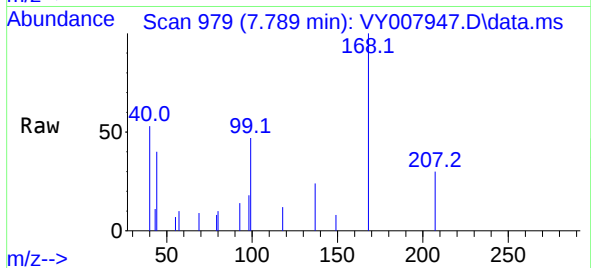




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

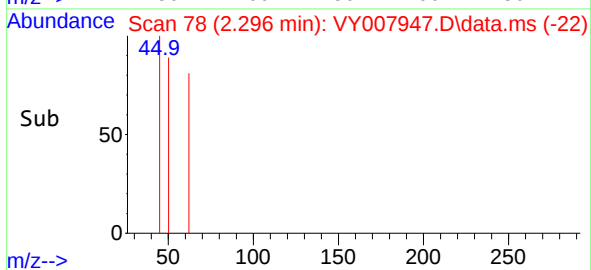
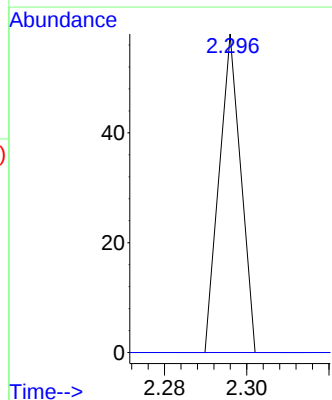
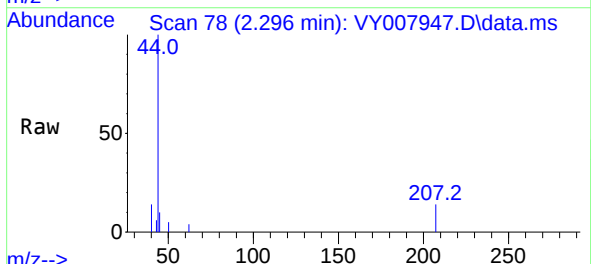
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

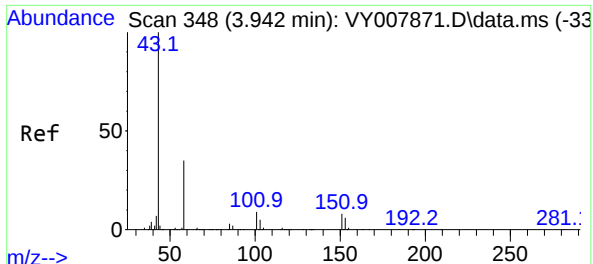
Tgt Ion:168 Resp: 1561
Ion Ratio Lower Upper
168 100
99 47.4 46.9 70.3



#4
Vinyl Chloride
Concen: Below Cal
RT: 2.296 min Scan# 78
Delta R.T. 0.042 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 62 Resp: 21
Ion Ratio Lower Upper
62 100
64 0.0 25.0 37.6#

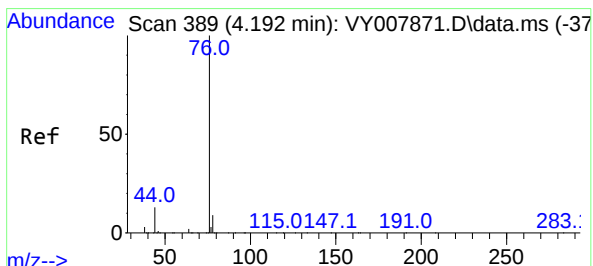
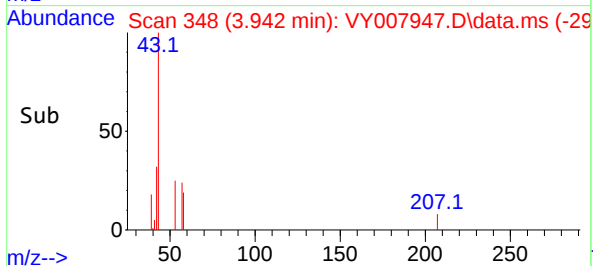
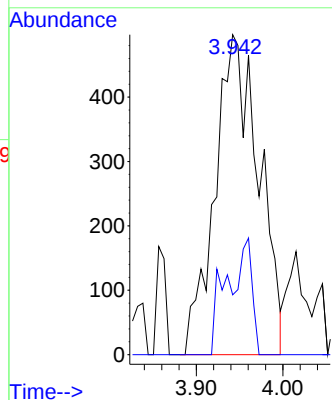
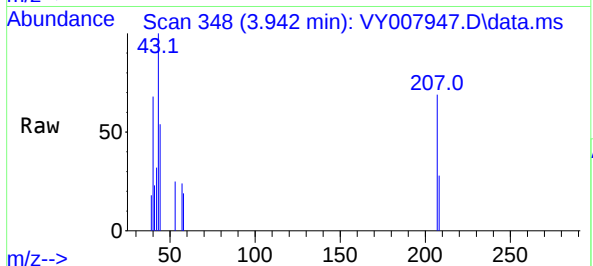




#16
Acetone
Concen: 370.423 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.000 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

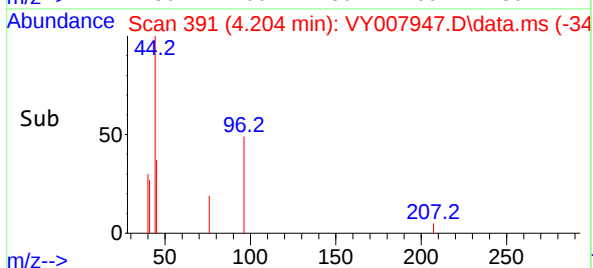
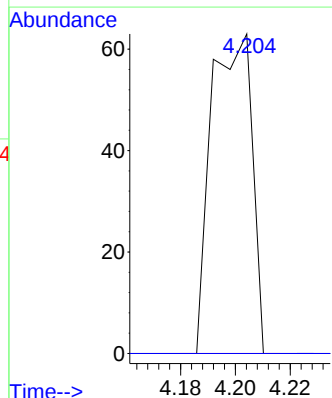
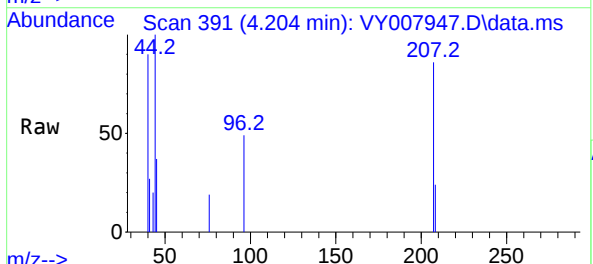
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

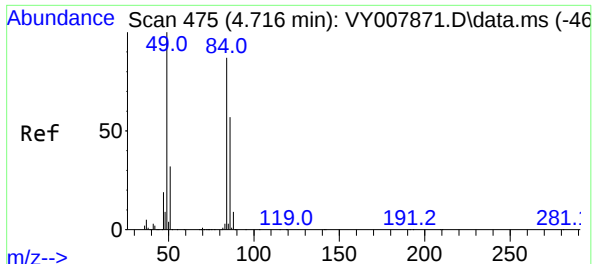
Tgt Ion: 43 Resp: 1749
Ion Ratio Lower Upper
43 100
58 18.7 22.0 33.0#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.204 min Scan# 391
Delta R.T. 0.012 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 76 Resp: 65
Ion Ratio Lower Upper
76 100
78 0.0 7.4 11.0#



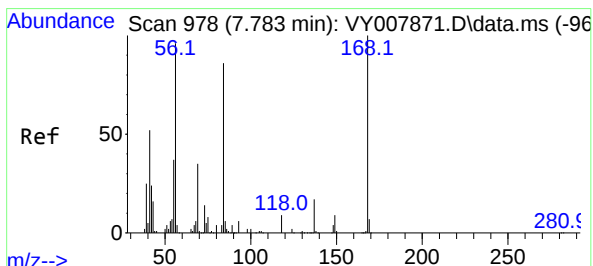
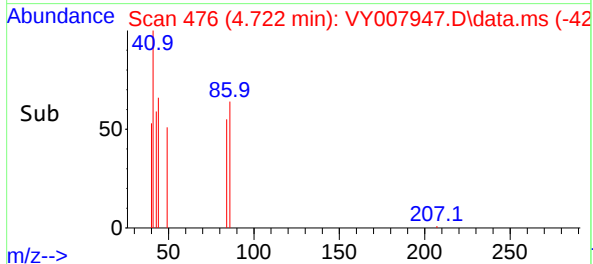
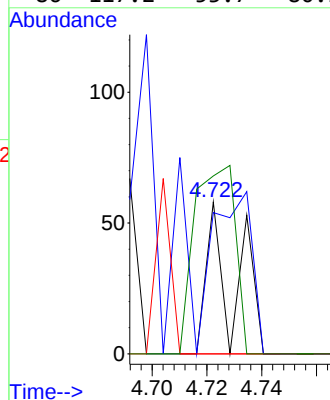
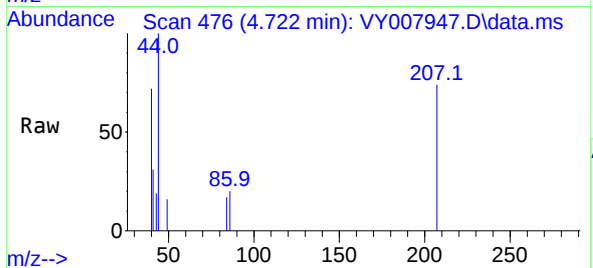


#20
Methylene Chloride
Concen: Below Cal
RT: 4.722 min Scan# 41
Delta R.T. 0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

Tgt Ion: 84 Resp: 41

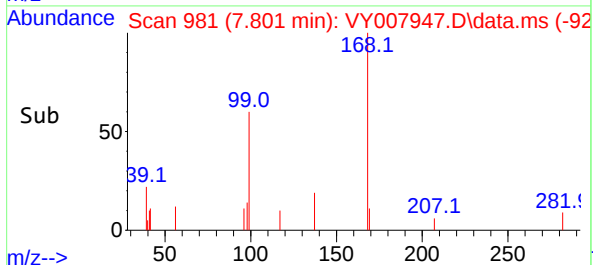
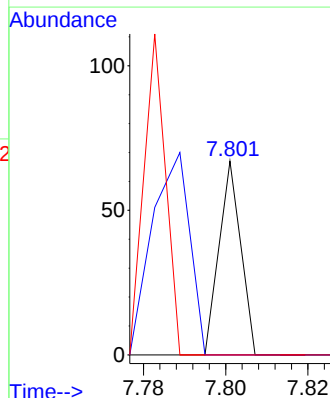
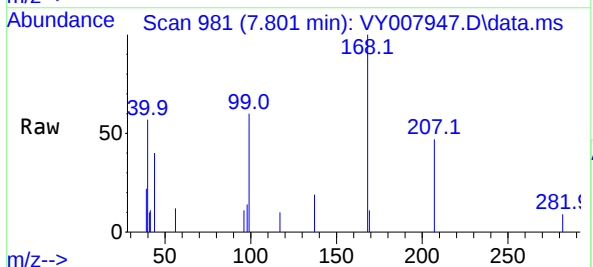
Ion	Ratio	Lower	Upper
84	100		
49	93.1	114.4	171.6#
51	0.0	35.3	52.9#
86	117.2	53.7	80.5#

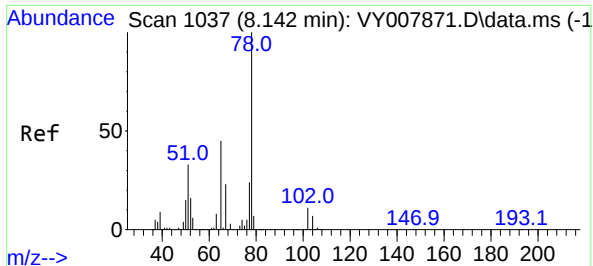


#31
Cyclohexane
Concen: Below Cal
RT: 7.801 min Scan# 981
Delta R.T. 0.018 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 56 Resp: 25

Ion	Ratio	Lower	Upper
56	100		
69	0.0	26.7	40.1#
84	0.0	67.2	100.8#





#33

1,2-Dichloroethane-d4

Concen: 64.669 ug/l

RT: 8.149 min Scan# 1103

Delta R.T. 0.012 min

Lab File: VY007947.D

Acq: 21 Mar 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

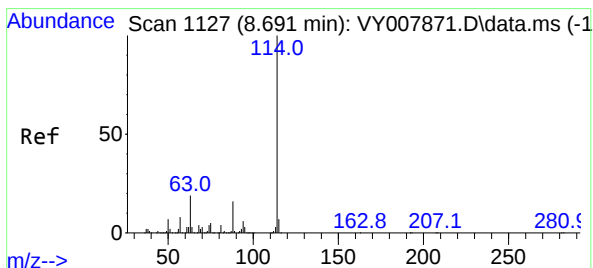
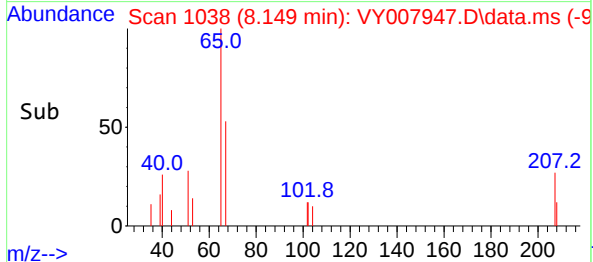
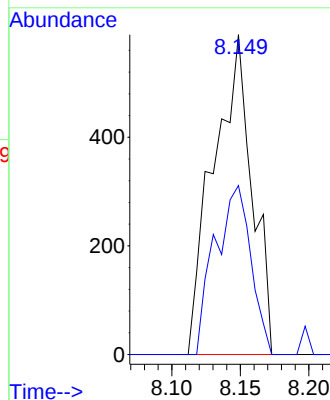
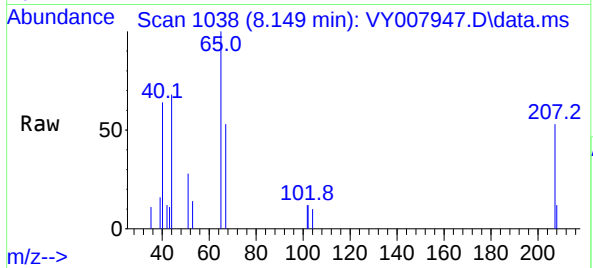
DB-15-(10-15)-3-12-22RE

Tgt Ion: 65 Resp: 1151

Ion Ratio Lower Upper

65 100

67 49.3 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: VY007947.D

Acq: 21 Mar 2022 12:18

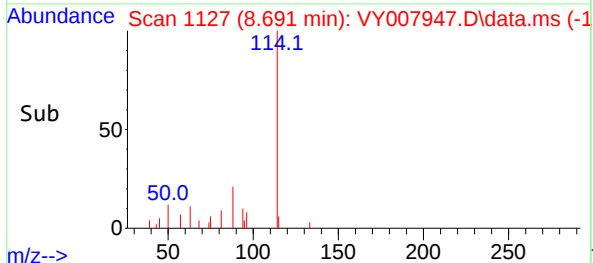
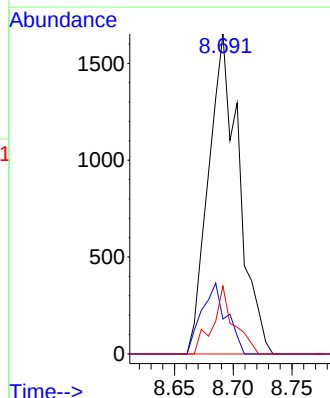
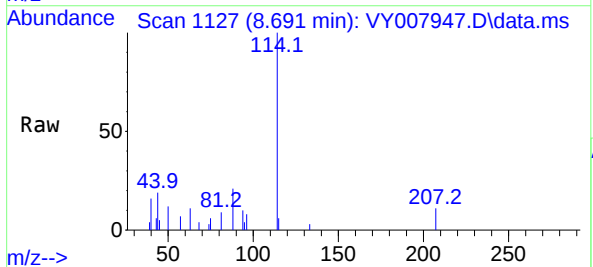
Tgt Ion: 114 Resp: 2975

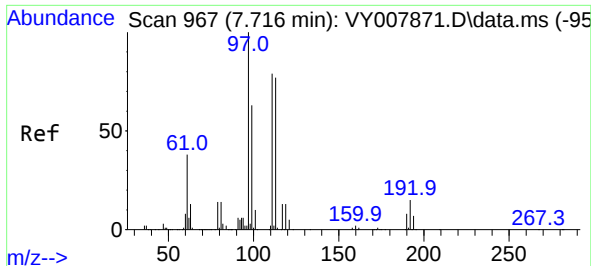
Ion Ratio Lower Upper

114 100

63 10.9 0.0 43.2

88 21.2 0.0 31.8

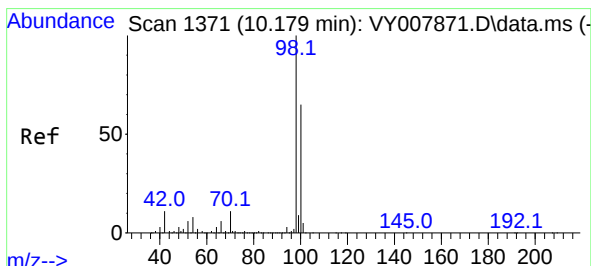
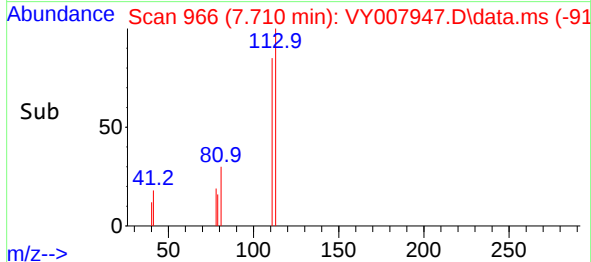
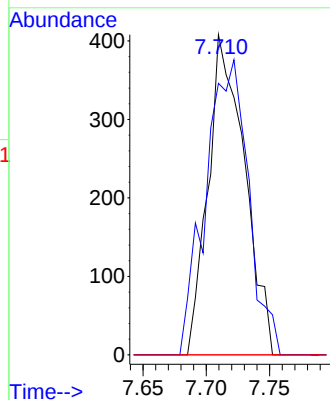
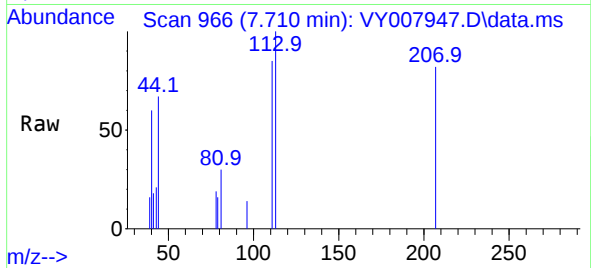




#35
Dibromofluoromethane
Concen: 39.008 ug/l
RT: 7.710 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

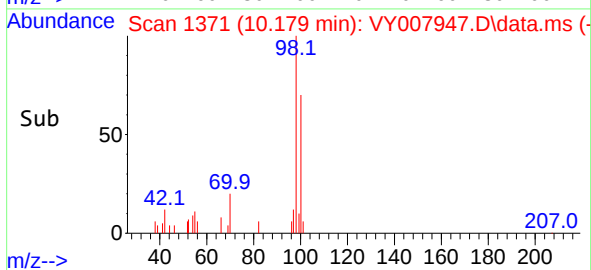
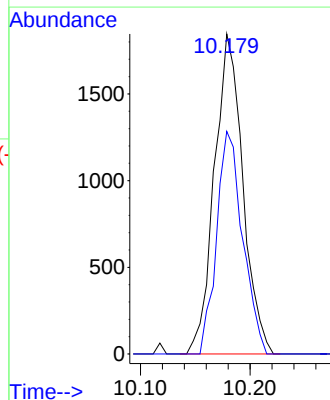
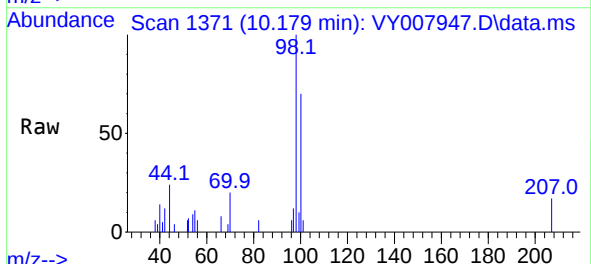
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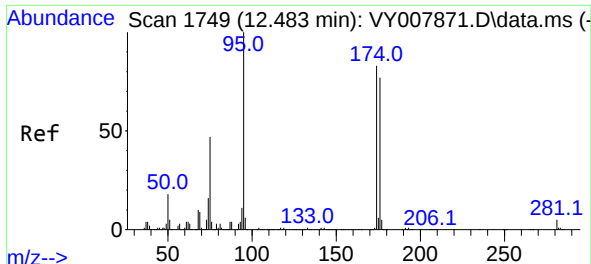
Tgt Ion:113 Resp: 815
Ion Ratio Lower Upper
113 100
111 108.5 82.6 124.0
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 53.173 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion: 98 Resp: 3330
Ion Ratio Lower Upper
98 100
100 63.5 50.2 75.2

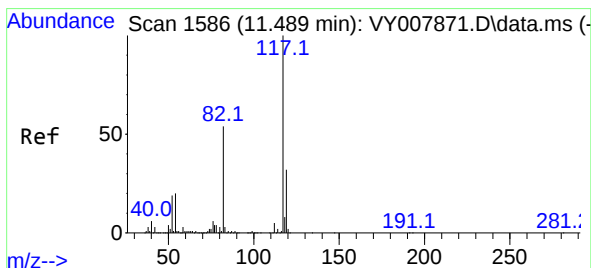
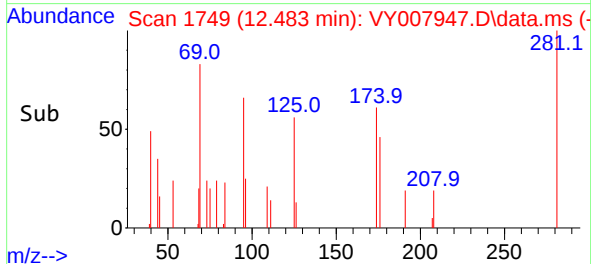
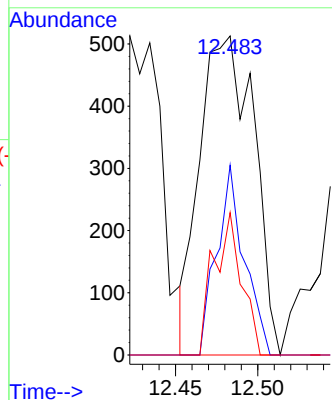
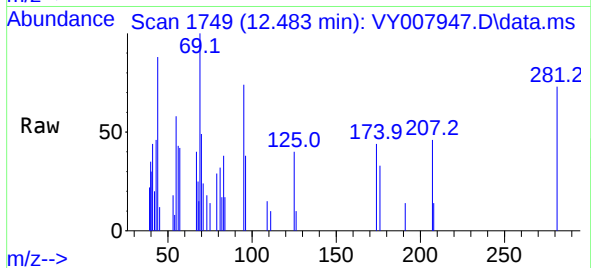




#62
4-Bromofluorobenzene
Concen: 39.019 ug/l
RT: 12.483 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

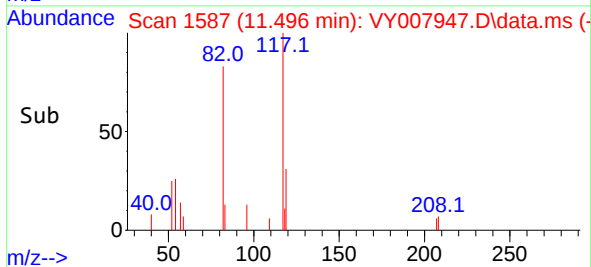
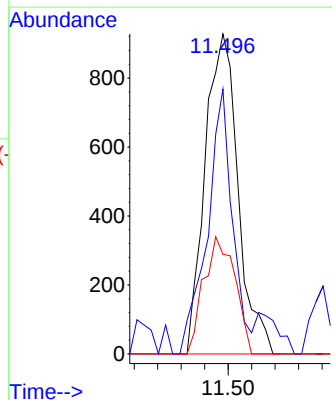
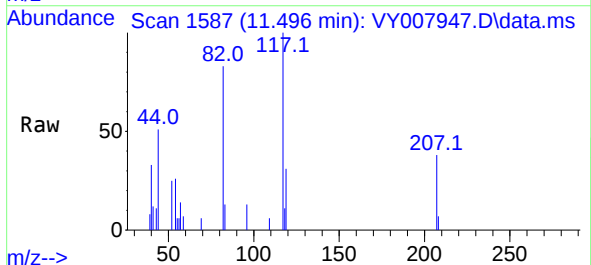
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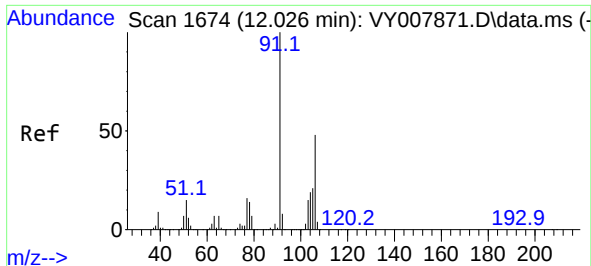
Tgt Ion:	95	Resp:	1170
Ion	Ratio	Lower	Upper
95	100		
174	30.4	0.0	177.0
176	23.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion:	117	Resp:	1807
Ion	Ratio	Lower	Upper
117	100		
82	82.8	43.0	64.4#
119	31.1	25.4	38.0

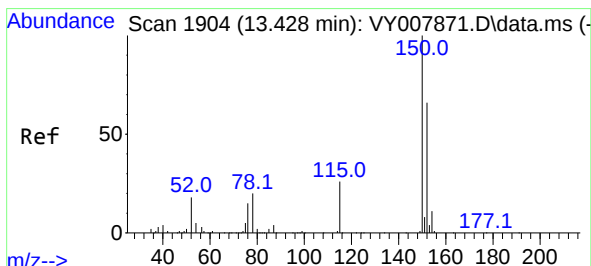
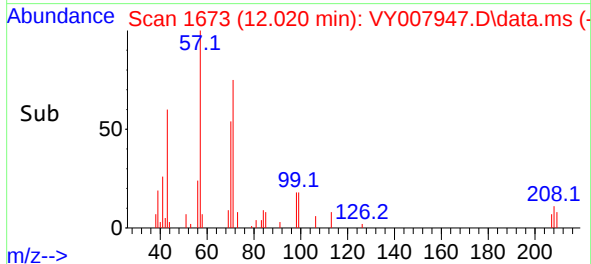
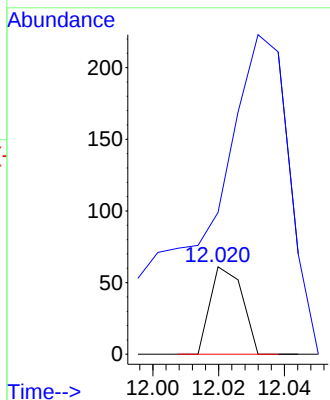
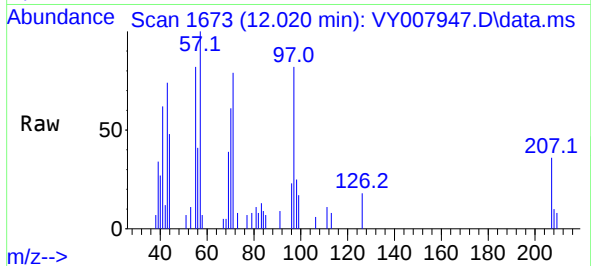




#69
o-Xylene
Concen: 1.409 ug/l
RT: 12.020 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

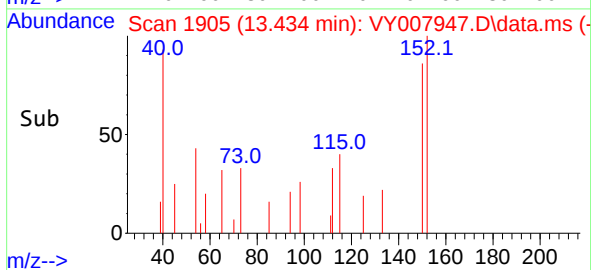
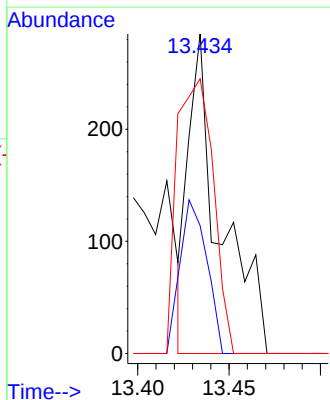
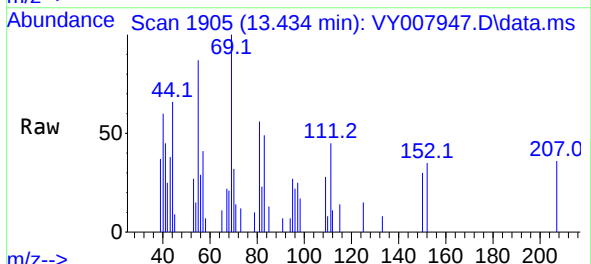
Instrument :
MSVOA_Y
ClientSampleId :
DB-15-(10-15)-3-12-22RE

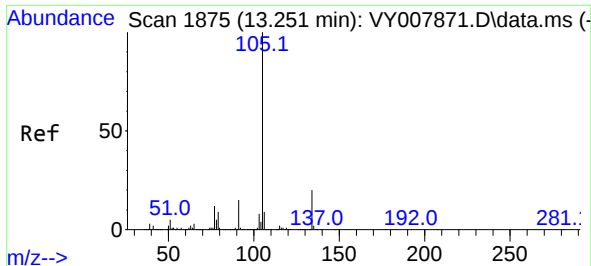
Tgt Ion:106 Resp: 41
Ion Ratio Lower Upper
106 100
91 934.1 110.3 331.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.434 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VY007947.D
Acq: 21 Mar 2022 12:18

Tgt Ion:152 Resp: 345
Ion Ratio Lower Upper
152 100
115 40.6 28.2 84.7
150 98.6 0.0 347.6





#85

sec-Butylbenzene

Concen: 54.849 ug/l

RT: 13.251 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY007947.D

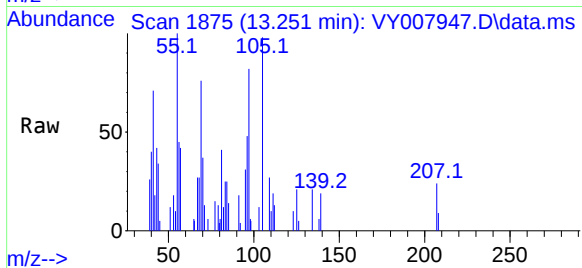
Acq: 21 Mar 2022 12:18

Instrument :

MSVOA_Y

ClientSampleId :

DB-15-(10-15)-3-12-22RE



Tgt Ion:105 Resp: 1837

Ion Ratio Lower Upper

105 100

134 31.5 10.2 30.4#

