

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042622\
 Data File : VY008505.D
 Acq On : 26 Apr 2022 15:40
 Operator : KP/MD
 Sample : N2555-01
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OR-03-042522

Quant Time: Apr 27 01:23:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042122S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 21 14:28:40 2022
 Response via : Initial Calibration

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

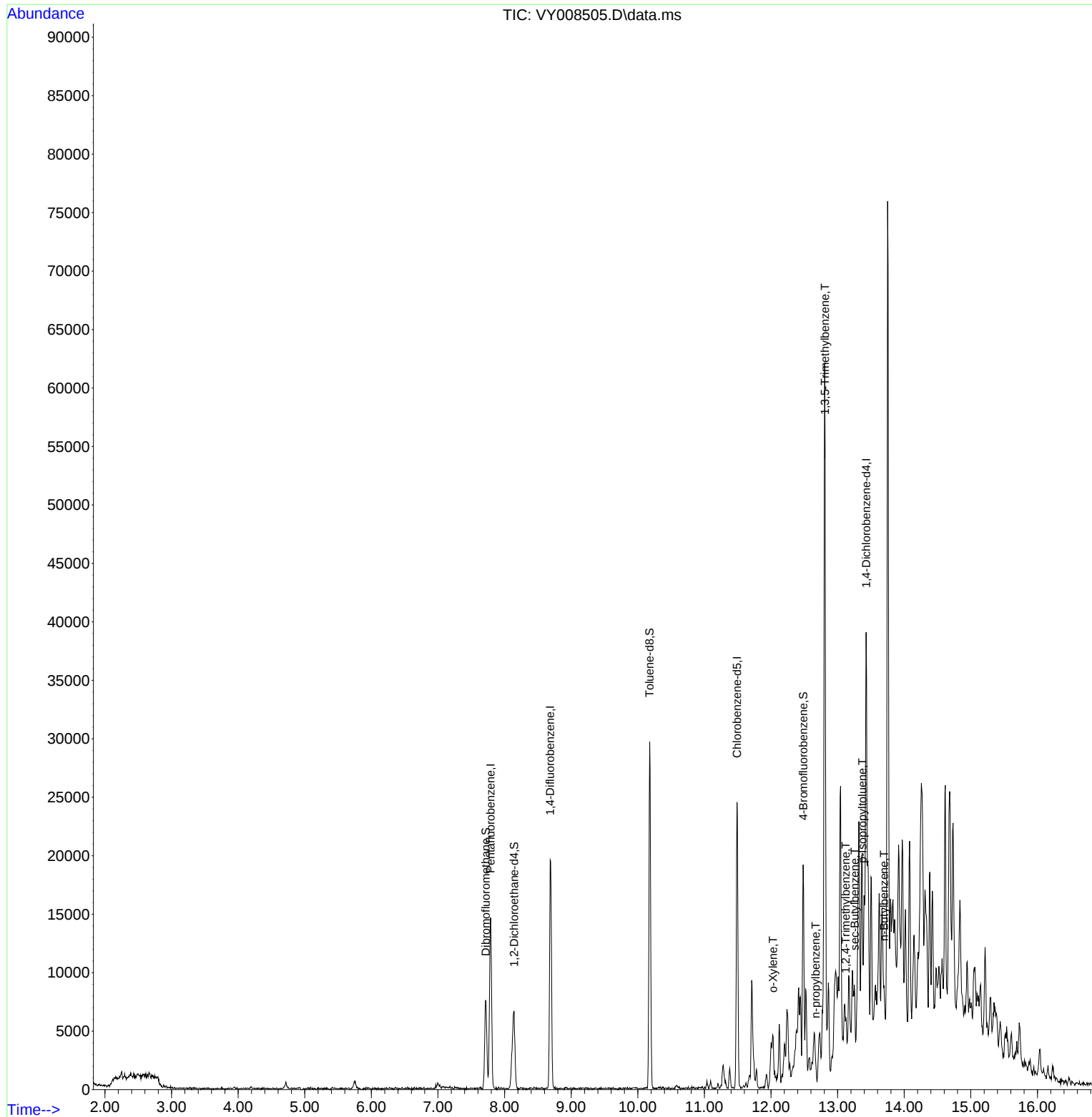
Internal Standards						
1) Pentafluorobenzene	7.789	168	11502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	18317	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	14211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	5366	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	4388	32.423	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	64.840%
35) Dibromofluoromethane	7.716	113	5312	44.935	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.880%
50) Toluene-d8	10.179	98	19561	41.889	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	83.780%
62) 4-Bromofluorobenzene	12.483	95	5128	32.215	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	64.420%
Target Compounds						
					Qvalue	
69) o-Xylene	12.032	106	848	3.943	ug/l	93
78) n-propylbenzene	12.672	91	1166	2.389	ug/l	93
80) 1,3,5-Trimethylbenzene	12.812	105	4330	12.822	ug/l	89
84) 1,2,4-Trimethylbenzene	13.123	105	1052	3.140	ug/l	98
85) sec-Butylbenzene	13.257	105	1268	2.866	ug/l	92
86) p-Isopropyltoluene	13.373	119	1260	3.401	ug/l	88
89) n-Butylbenzene	13.696	91	1419	4.220	ug/l #	77

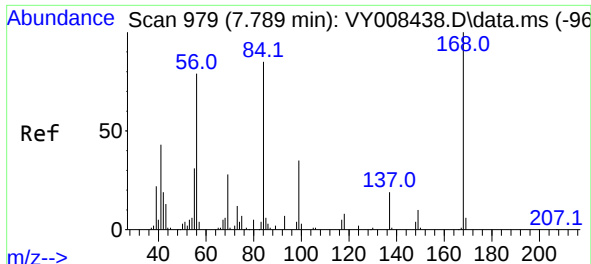
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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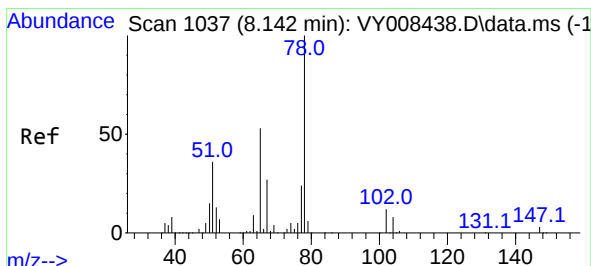
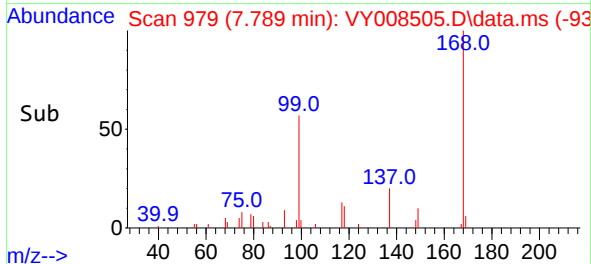
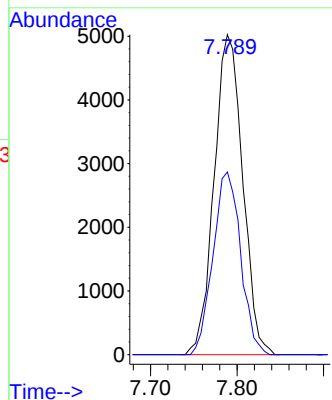
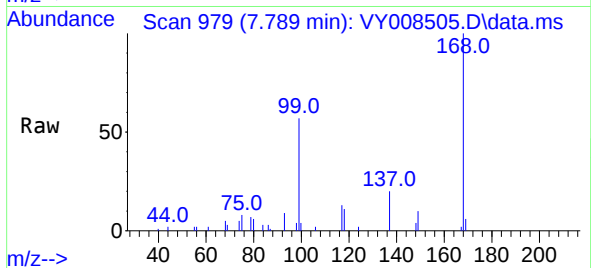




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008505.D
Acq: 26 Apr 2022 15:40

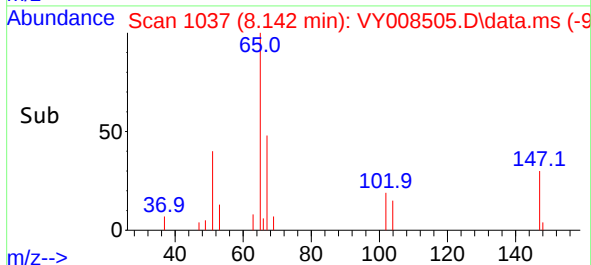
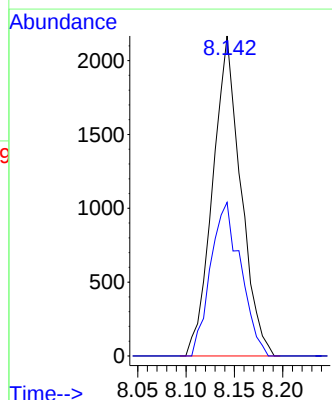
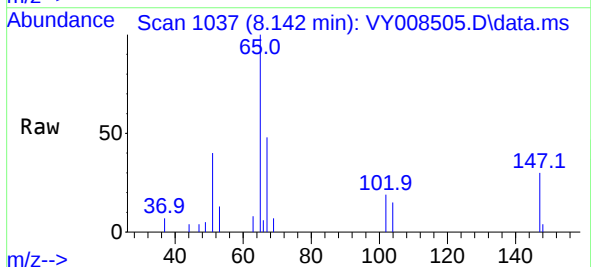
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-042522

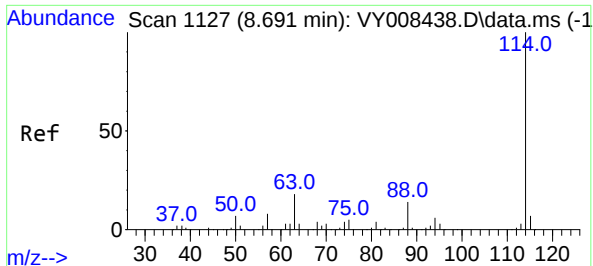
Tgt Ion:168 Resp: 11502
Ion Ratio Lower Upper
168 100
99 57.1 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 32.423 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008505.D
Acq: 26 Apr 2022 15:40

Tgt Ion: 65 Resp: 4388
Ion Ratio Lower Upper
65 100
67 51.5 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY008505.D

Acq: 26 Apr 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-042522

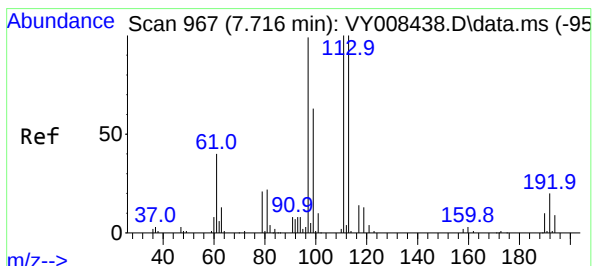
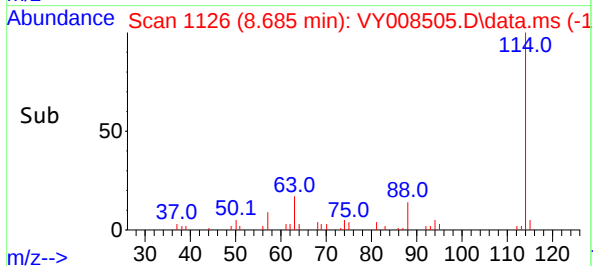
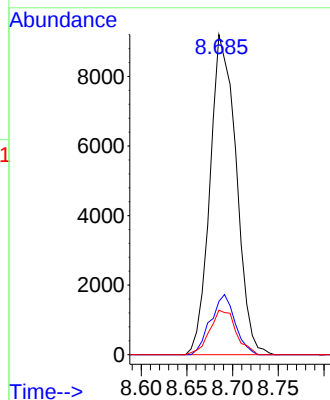
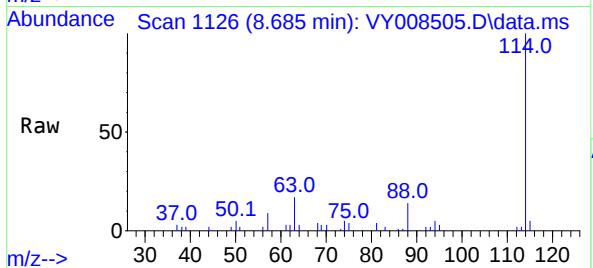
Tgt Ion:114 Resp: 18317

Ion Ratio Lower Upper

114 100

63 16.7 0.0 43.2

88 13.9 0.0 31.8



#35

Dibromofluoromethane

Concen: 44.935 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008505.D

Acq: 26 Apr 2022 15:40

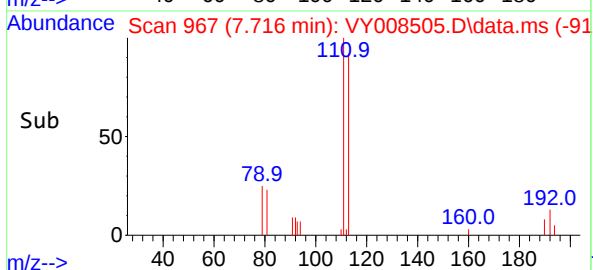
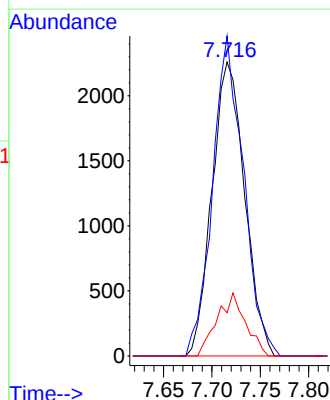
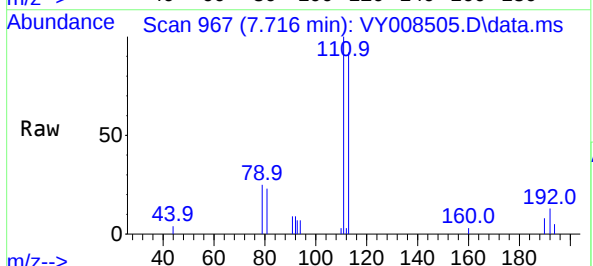
Tgt Ion:113 Resp: 5312

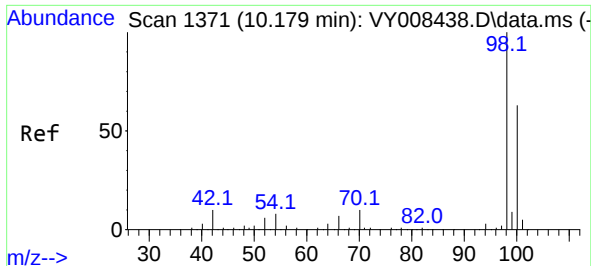
Ion Ratio Lower Upper

113 100

111 102.8 82.6 124.0

192 18.6 17.6 26.4

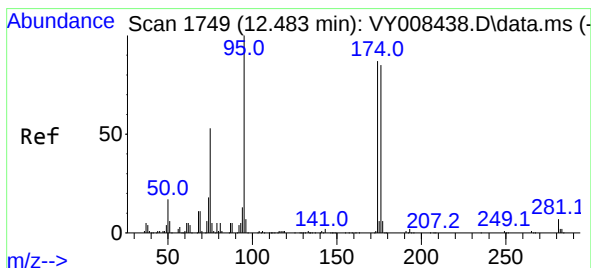
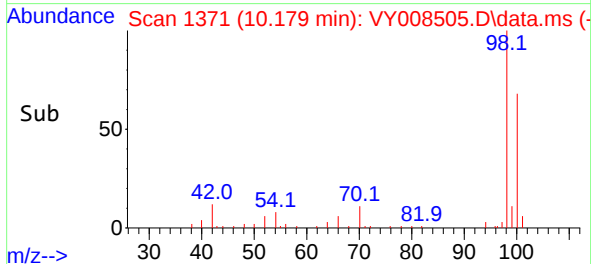
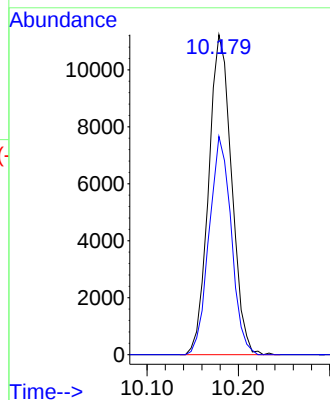
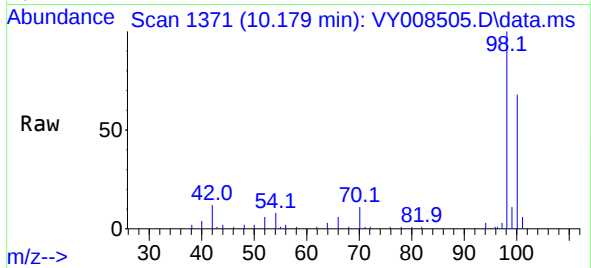




#50
Toluene-d8
Concen: 41.889 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008505.D
Acq: 26 Apr 2022 15:40

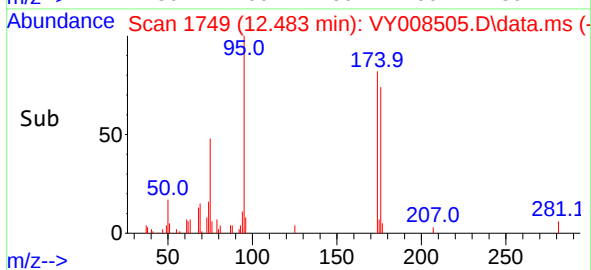
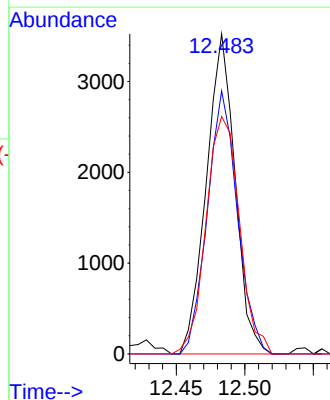
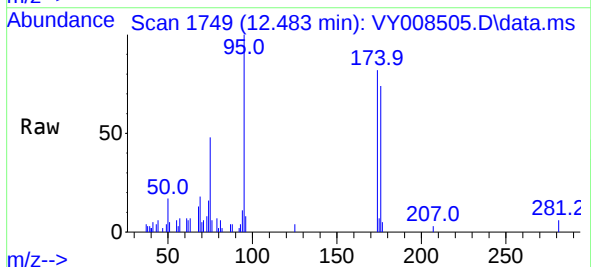
Instrument :
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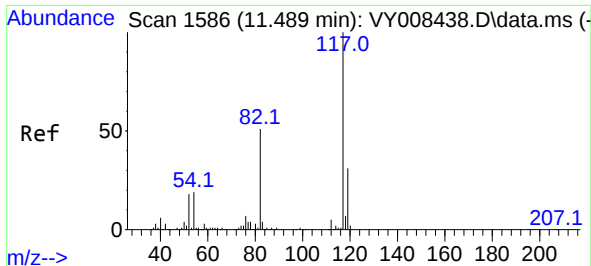
Tgt Ion: 98 Resp: 19561
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.215 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008505.D
Acq: 26 Apr 2022 15:40

Tgt Ion: 95 Resp: 5128
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 86.3 0.0 175.8

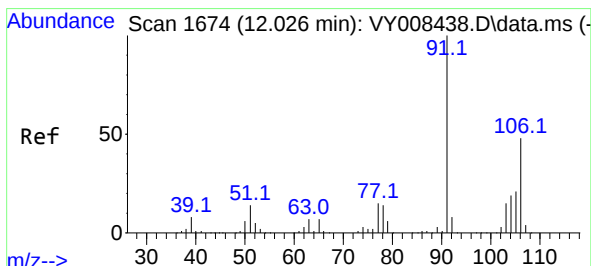
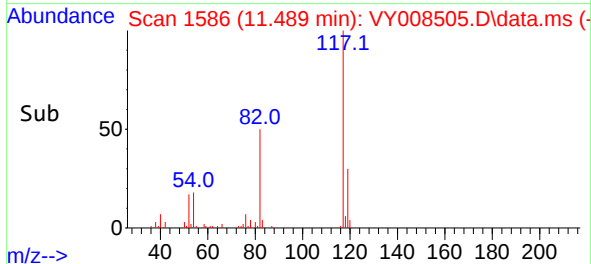
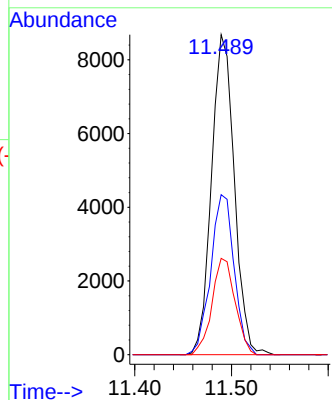
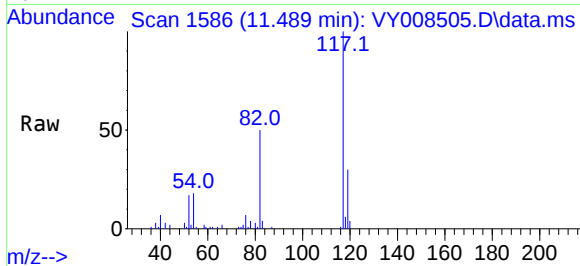




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008505.D
Acq: 26 Apr 2022 15:40

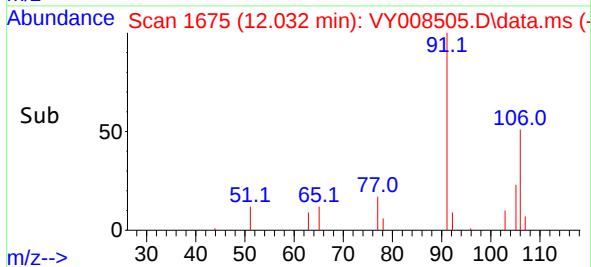
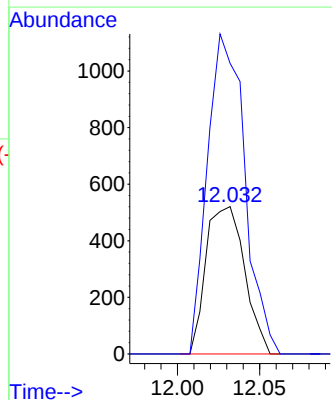
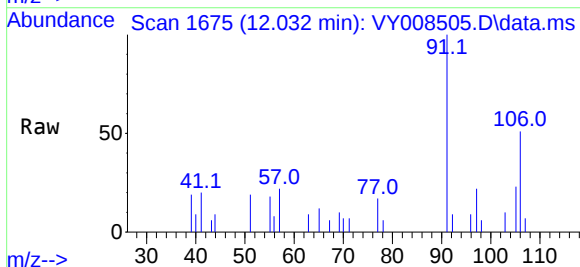
Instrument :
MSVOA_Y
ClientSampleId :
OR-03-042522

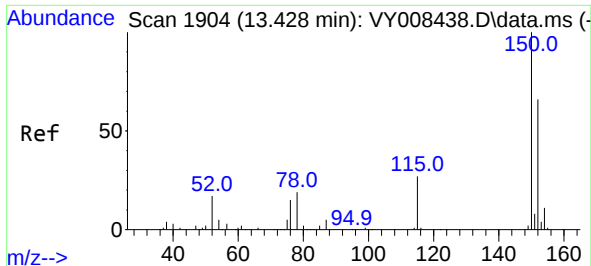
Tgt Ion:	117	Resp:	14211
Ion	Ratio	Lower	Upper
117	100		
82	50.0	43.0	64.4
119	30.1	25.4	38.0



#69
o-Xylene
Concen: 3.943 ug/l
RT: 12.032 min Scan# 1675
Delta R.T. 0.006 min
Lab File: VY008505.D
Acq: 26 Apr 2022 15:40

Tgt Ion:	106	Resp:	848
Ion	Ratio	Lower	Upper
106	100		
91	210.0	110.3	331.0

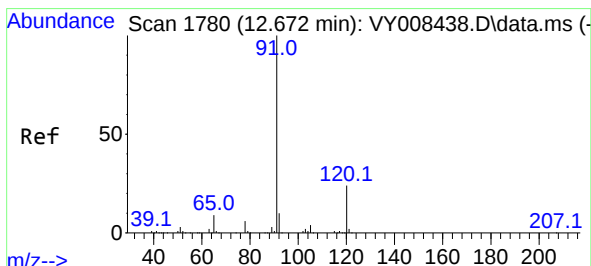
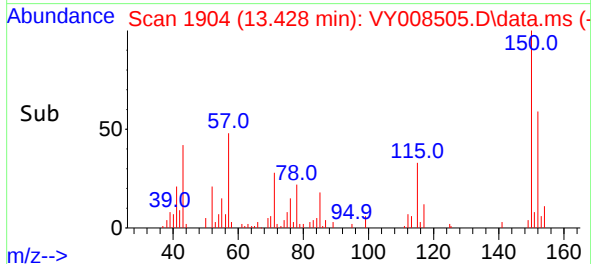
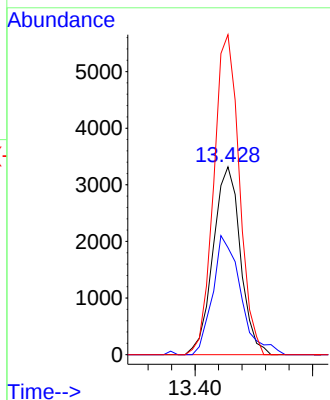
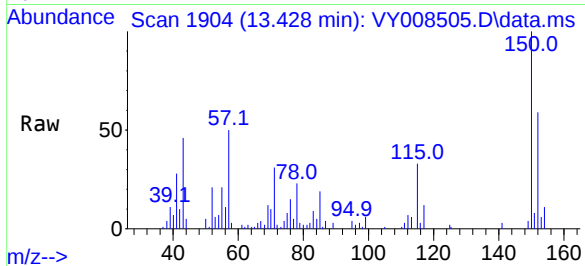




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY008505.D
Acq: 26 Apr 2022 15:40

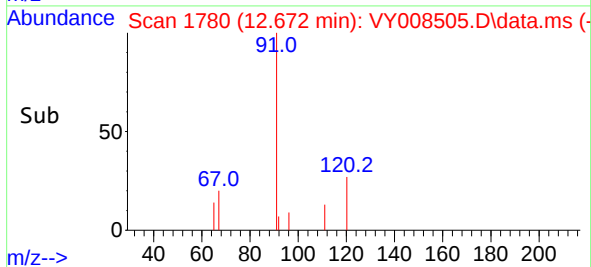
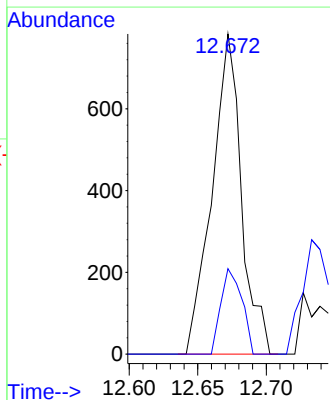
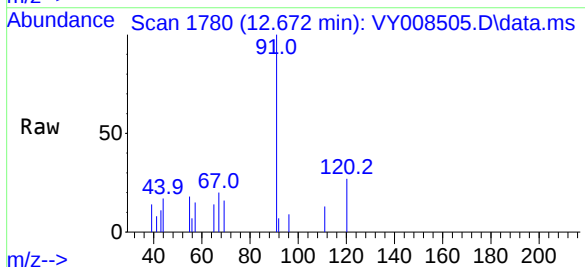
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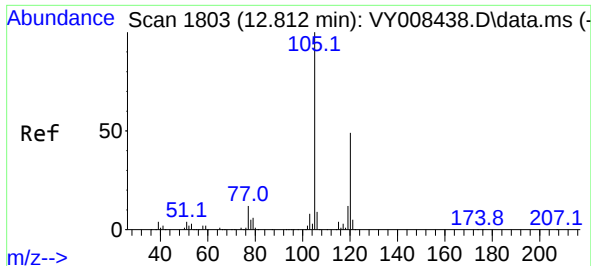
Tgt Ion:152 Resp: 5366
Ion Ratio Lower Upper
152 100
115 65.1 28.2 84.7
150 159.3 0.0 347.6



#78
n-propylbenzene
Concen: 2.389 ug/l
RT: 12.672 min Scan# 1780
Delta R.T. 0.000 min
Lab File: VY008505.D
Acq: 26 Apr 2022 15:40

Tgt Ion: 91 Resp: 1166
Ion Ratio Lower Upper
91 100
120 19.0 11.3 33.9

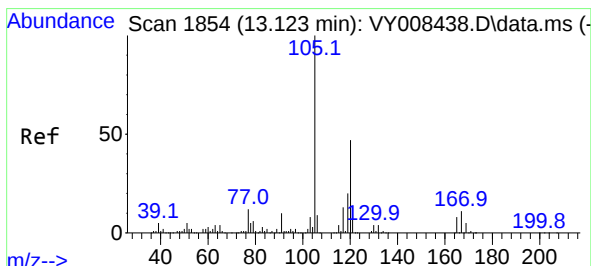
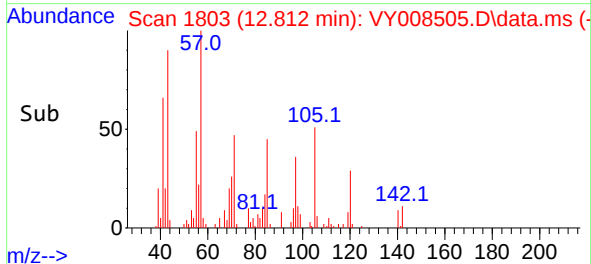
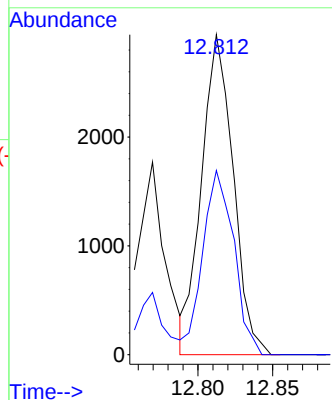
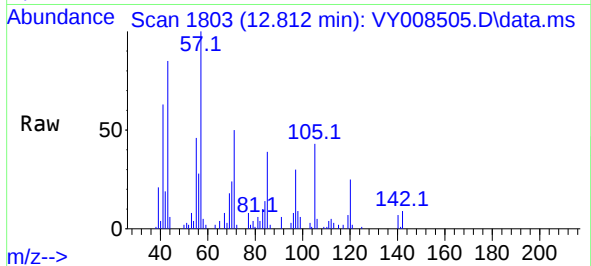




#80
1,3,5-Trimethylbenzene
Concen: 12.822 ug/l
RT: 12.812 min Scan# 1803
Delta R.T. 0.000 min
Lab File: VY008505.D
Acq: 26 Apr 2022 15:40

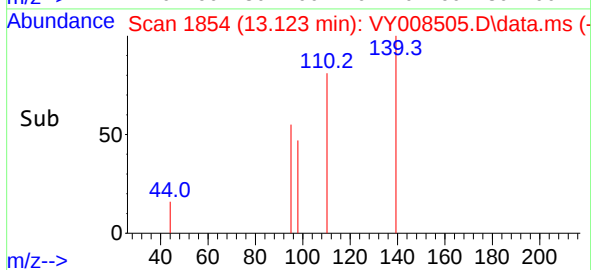
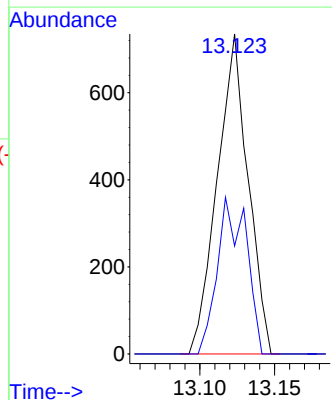
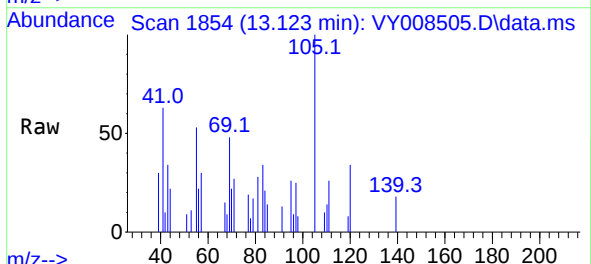
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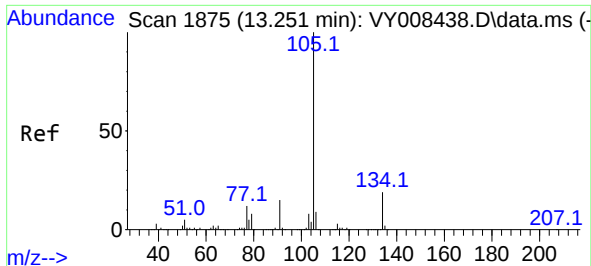
Tgt Ion:105 Resp: 4330
Ion Ratio Lower Upper
105 100
120 56.4 24.4 73.4



#84
1,2,4-Trimethylbenzene
Concen: 3.140 ug/l
RT: 13.123 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VY008505.D
Acq: 26 Apr 2022 15:40

Tgt Ion:105 Resp: 1052
Ion Ratio Lower Upper
105 100
120 46.0 22.3 66.9

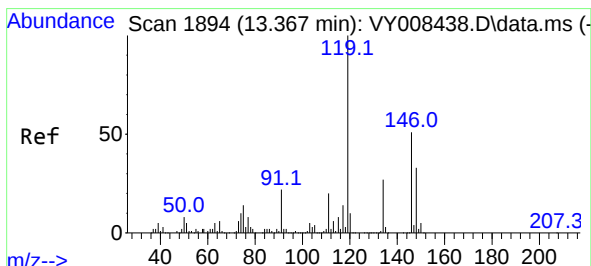
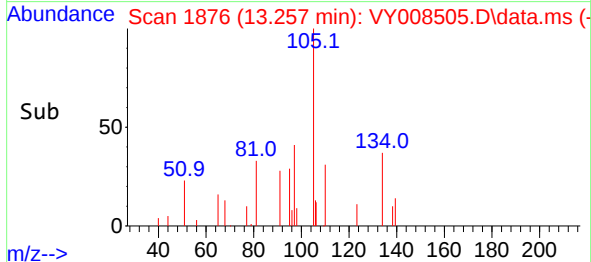
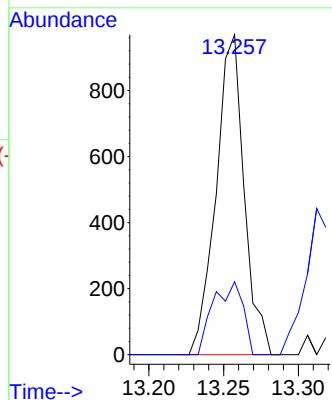
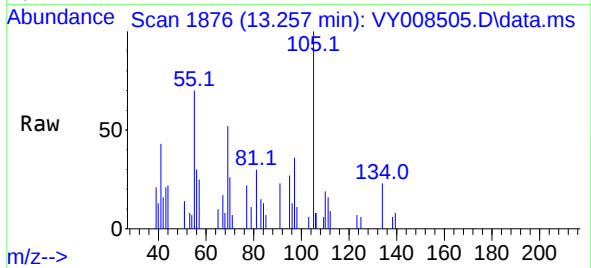




#85
 sec-Butylbenzene
 Concen: 2.866 ug/l
 RT: 13.257 min Scan# 1875
 Delta R.T. 0.006 min
 Lab File: VY008505.D
 Acq: 26 Apr 2022 15:40

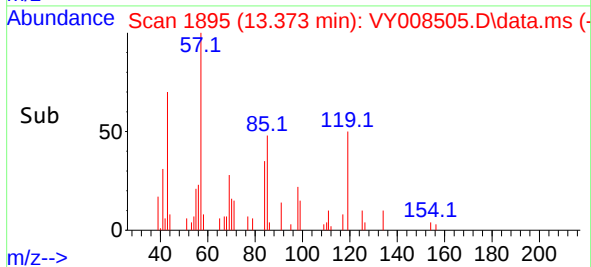
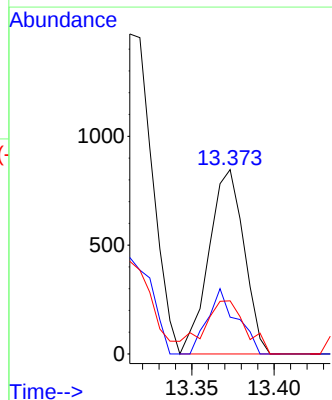
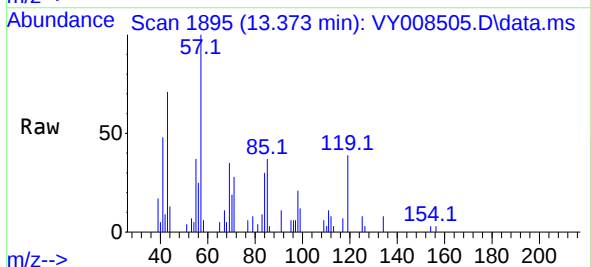
Instrument :
 MSVOA_Y
 ClientSampleId :
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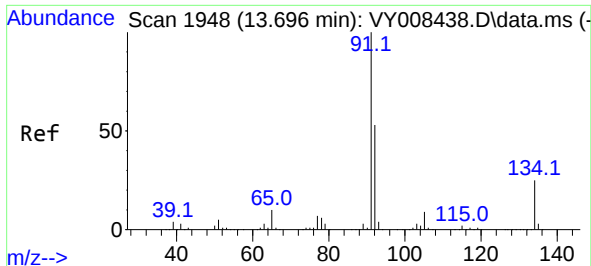
Tgt Ion:105 Resp: 1268
 Ion Ratio Lower Upper
 105 100
 134 24.1 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 3.401 ug/l
 RT: 13.373 min Scan# 1895
 Delta R.T. 0.006 min
 Lab File: VY008505.D
 Acq: 26 Apr 2022 15:40

Tgt Ion:119 Resp: 1260
 Ion Ratio Lower Upper
 119 100
 134 29.4 13.2 39.5
 91 33.7 12.4 37.2





#89

n-Butylbenzene

Concen: 4.220 ug/l

RT: 13.696 min Scan# 1419

Delta R.T. 0.000 min

Lab File: VY008505.D

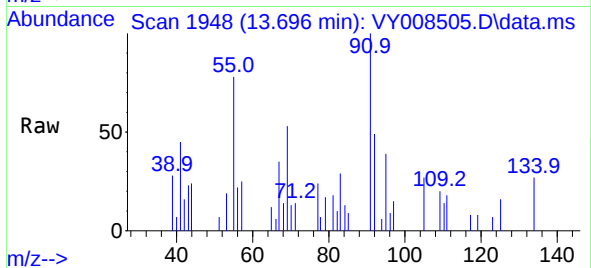
Acq: 26 Apr 2022 15:40

Instrument :

MSVOA_Y

ClientSampleId :

OR-03-042522



Tgt Ion: 91 Resp: 1419

Ion Ratio Lower Upper

91 100

92 59.3 26.3 78.9

134 0.0 13.0 38.9#

