

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041322\
 Data File : VY008312.D
 Acq On : 13 Apr 2022 15:03
 Operator : KP/MD
 Sample : N2349-13
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DEL-7

Quant Time: Apr 14 05:56:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y040822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Apr 08 16:02:50 2022
 Response via : Initial Calibration

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

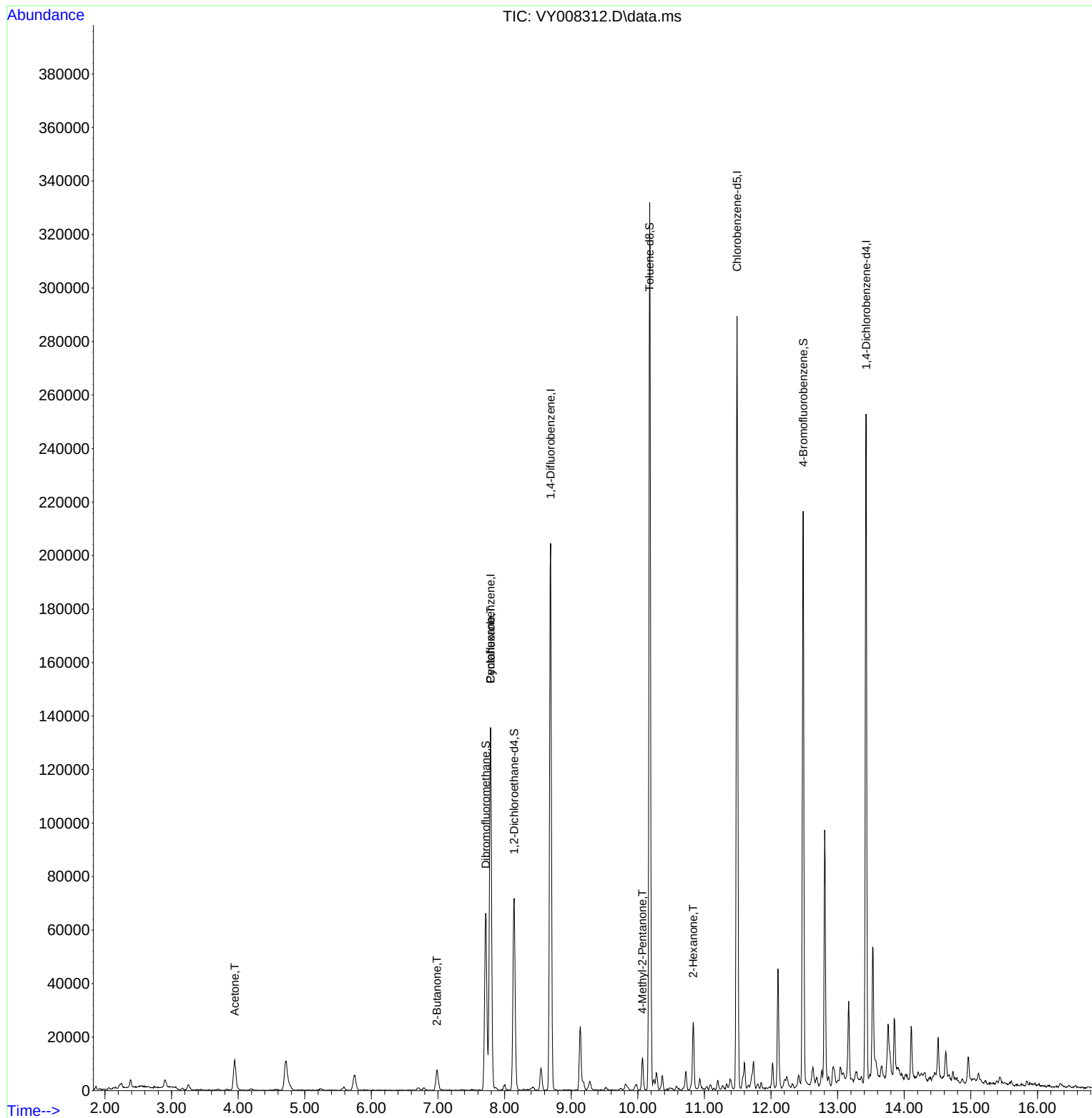
Internal Standards						
1) Pentafluorobenzene	7.789	168	104209	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	182404	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	158781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	62781	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	53968	55.134	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.260%
35) Dibromofluoromethane	7.716	113	47186	44.788	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.580%
50) Toluene-d8	10.179	98	214644	59.541	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	119.080%
62) 4-Bromofluorobenzene	12.483	95	64797	47.788	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.580%
Target Compounds						
					Qvalue	
16) Acetone	3.948	43	19194	81.524	ug/l #	87
25) 2-Butanone	6.984	43	12186	33.101	ug/l #	79
31) Cyclohexane	7.789	56	2993	1.691	ug/l #	21
51) 4-Methyl-2-Pentanone	10.069	43	7634	9.183	ug/l #	88
59) 2-Hexanone	10.831	43	16636	29.083	ug/l	88

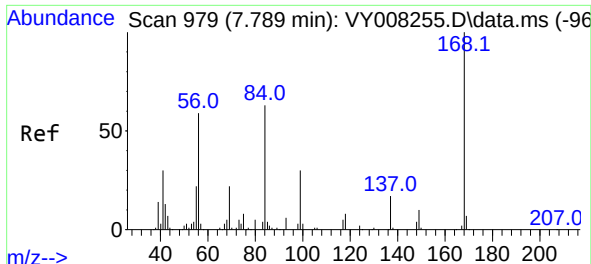
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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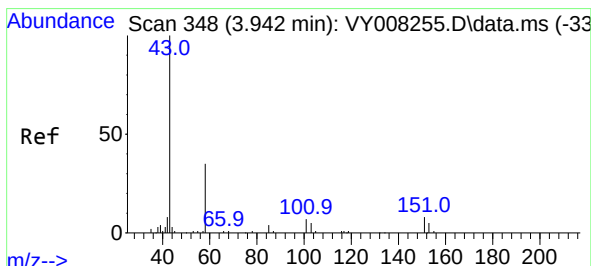
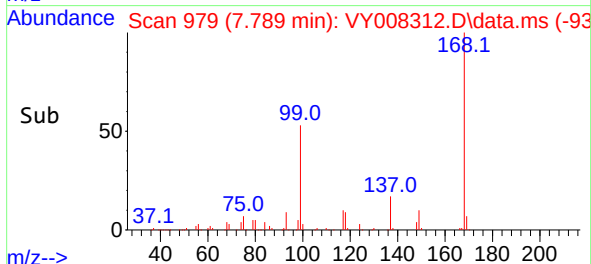
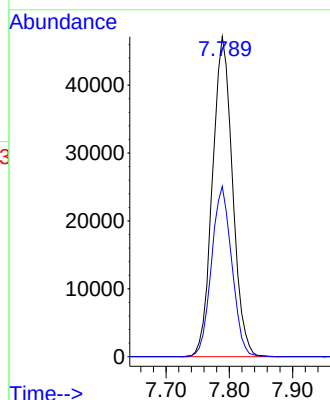
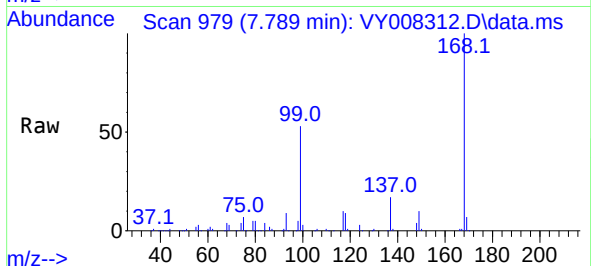




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008312.D
Acq: 13 Apr 2022 15:03

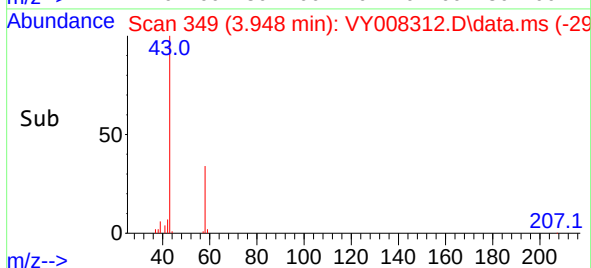
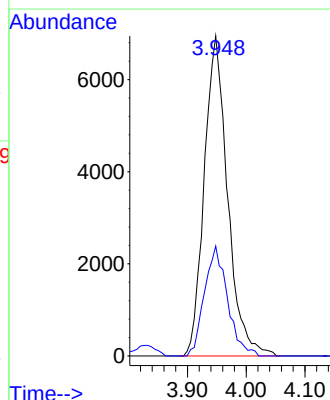
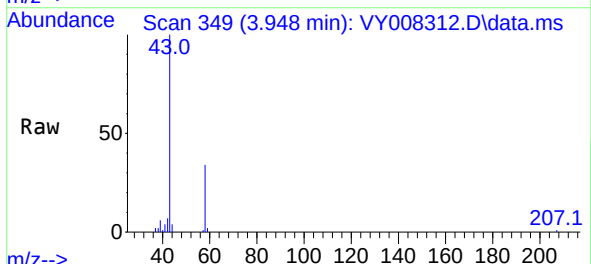
Instrument :
MSVOA_Y
ClientSampleId :
DEL-7

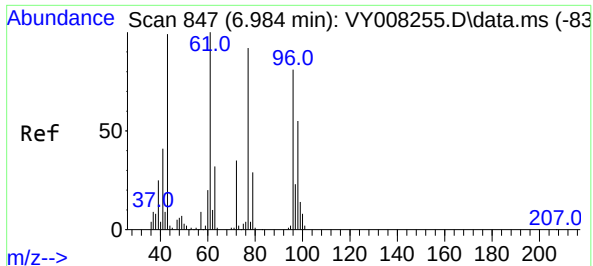
Tgt Ion:168 Resp: 104209
Ion Ratio Lower Upper
168 100
99 53.2 46.9 70.3



#16
Acetone
Concen: 81.524 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY008312.D
Acq: 13 Apr 2022 15:03

Tgt Ion: 43 Resp: 19194
Ion Ratio Lower Upper
43 100
58 34.3 22.0 33.0#





#25

2-Butanone

Concen: 33.101 ug/l

RT: 6.984 min Scan# 847

Delta R.T. 0.000 min

Lab File: VY008312.D

Acq: 13 Apr 2022 15:03

Instrument :

MSVOA_Y

ClientSampleId :

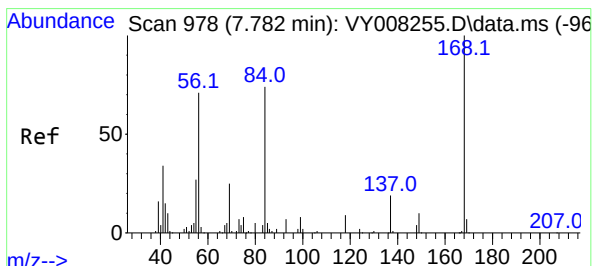
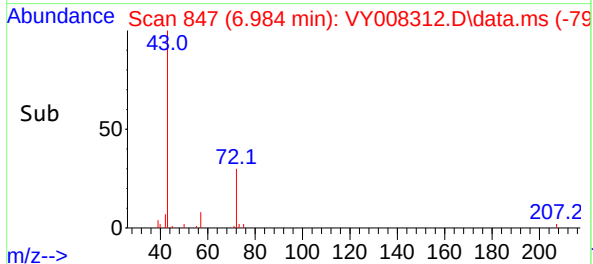
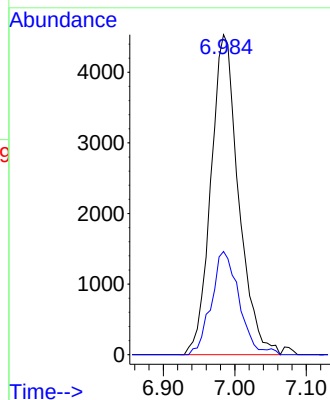
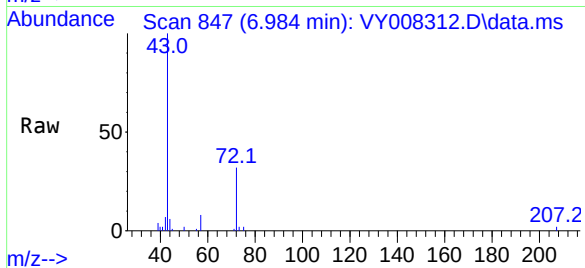
DEL-7

Tgt Ion: 43 Resp: 12186

Ion Ratio Lower Upper

43 100

72 32.2 17.7 26.5#



#31

Cyclohexane

Concen: 1.691 ug/l

RT: 7.789 min Scan# 979

Delta R.T. 0.007 min

Lab File: VY008312.D

Acq: 13 Apr 2022 15:03

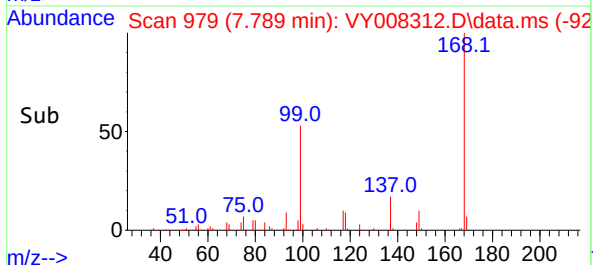
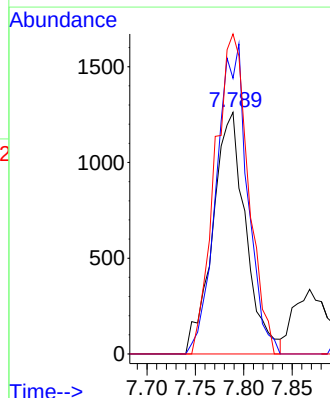
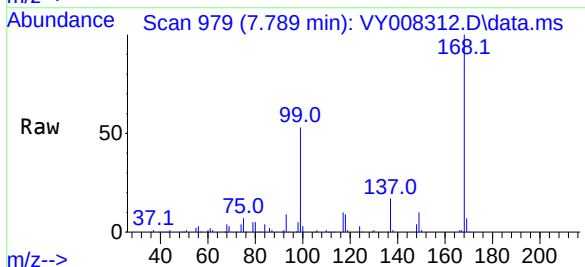
Tgt Ion: 56 Resp: 2993

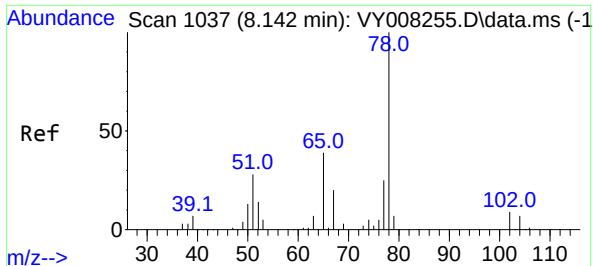
Ion Ratio Lower Upper

56 100

69 114.1 26.7 40.1#

84 132.4 67.2 100.8#

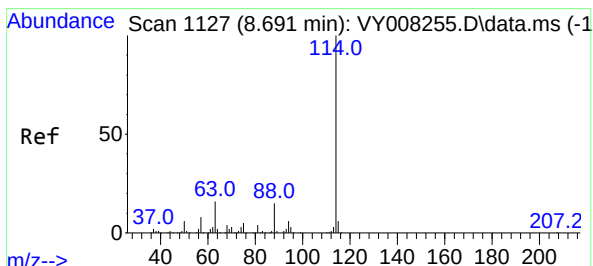
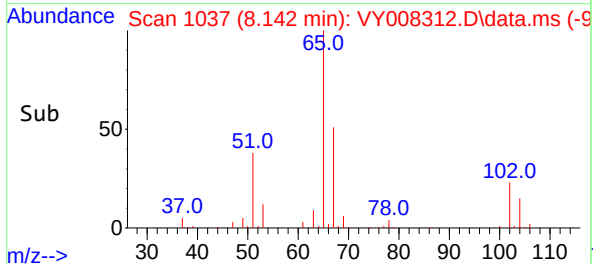
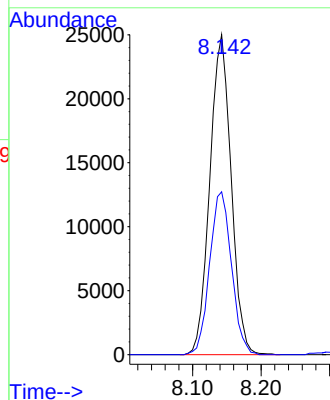
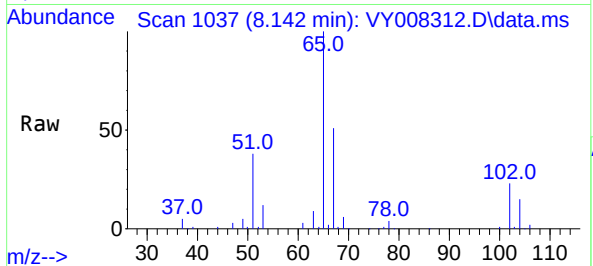




#33
1,2-Dichloroethane-d4
Concen: 55.134 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY008312.D
Acq: 13 Apr 2022 15:03

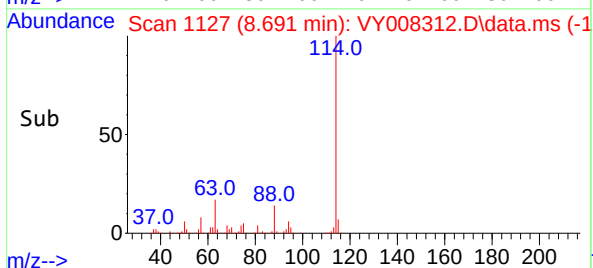
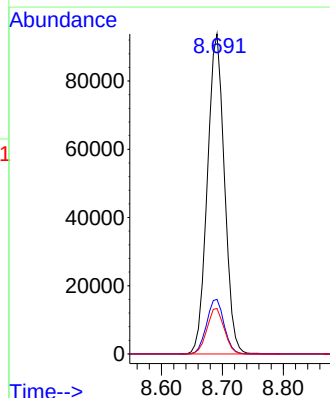
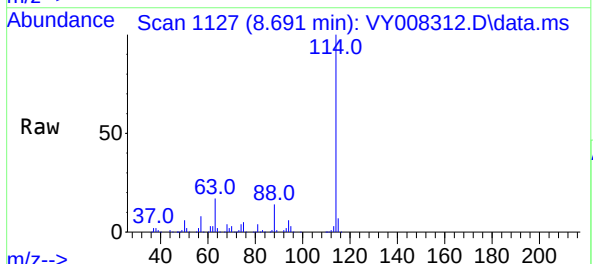
Instrument :
MSVOA_Y
ClientSampleId :
DEL-7

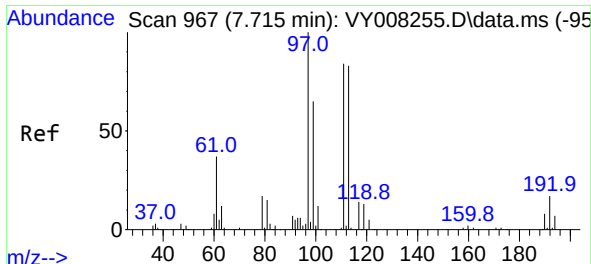
Tgt Ion: 65 Resp: 53968
Ion Ratio Lower Upper
65 100
67 52.1 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY008312.D
Acq: 13 Apr 2022 15:03

Tgt Ion: 114 Resp: 182404
Ion Ratio Lower Upper
114 100
63 17.1 0.0 43.2
88 14.2 0.0 31.8

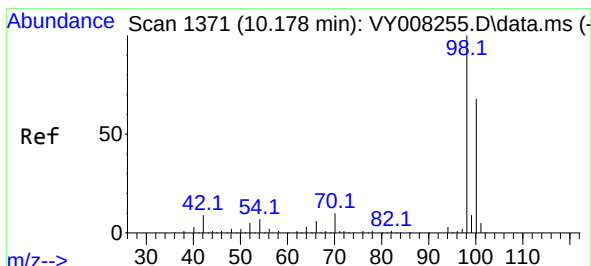
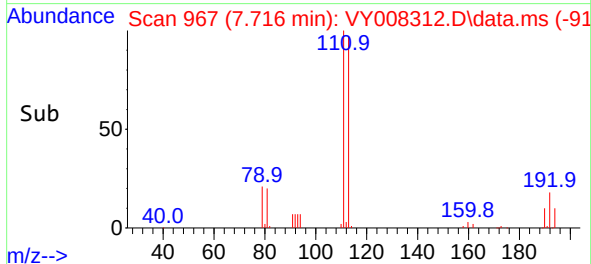
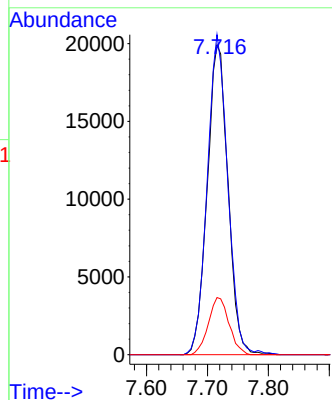
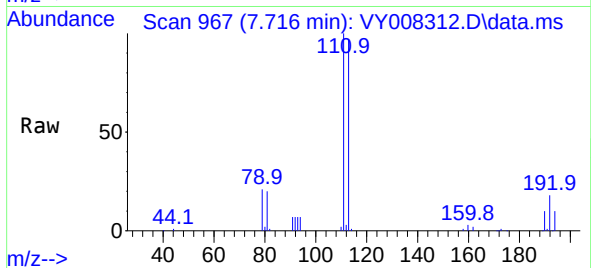




#35
Dibromofluoromethane
Concen: 44.788 ug/l
RT: 7.716 min Scan# 90
Delta R.T. 0.001 min
Lab File: VY008312.D
Acq: 13 Apr 2022 15:03

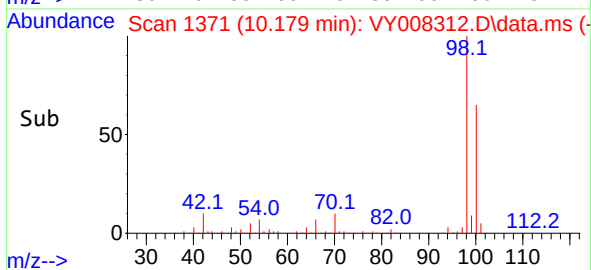
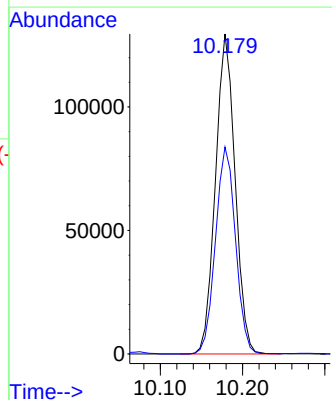
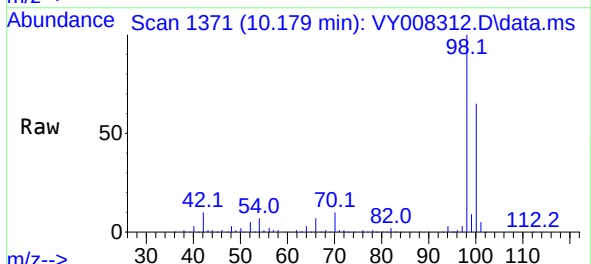
Instrument :
MSVOA_Y
ClientSampleId :
DEL-7

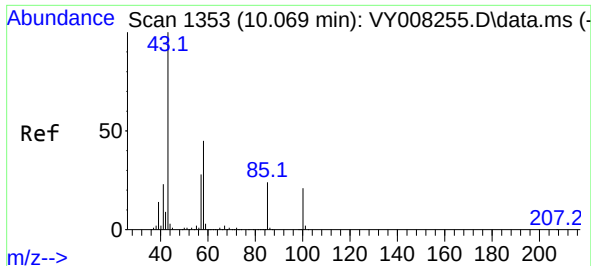
Tgt Ion:113 Resp: 47186
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 18.4 17.6 26.4



#50
Toluene-d8
Concen: 59.541 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.001 min
Lab File: VY008312.D
Acq: 13 Apr 2022 15:03

Tgt Ion: 98 Resp: 214644
Ion Ratio Lower Upper
98 100
100 66.1 50.2 75.2

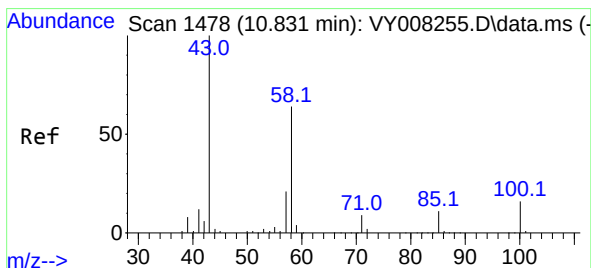
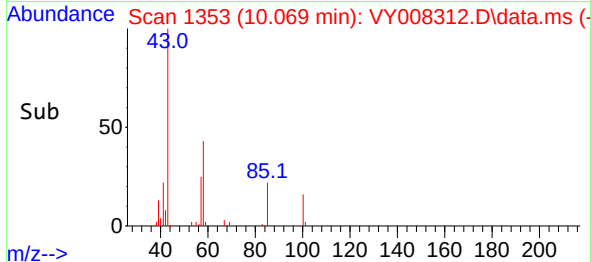
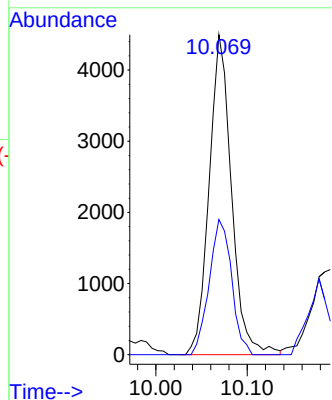
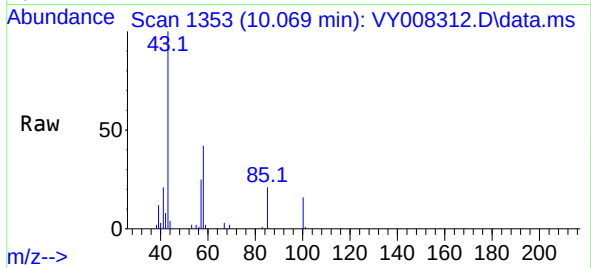




#51
4-Methyl-2-Pentanone
Concen: 9.183 ug/l
RT: 10.069 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008312.D
Acq: 13 Apr 2022 15:03

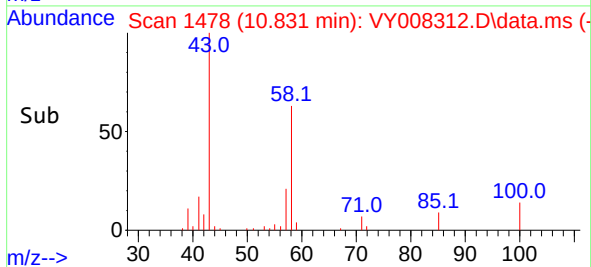
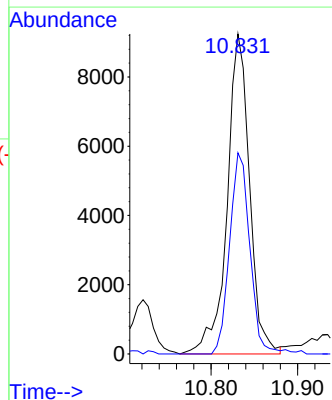
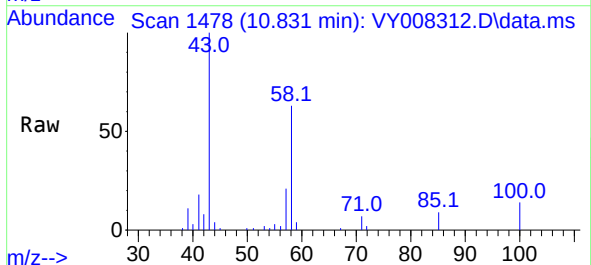
Instrument :
MSVOA_Y
ClientSampleId :
DEL-7

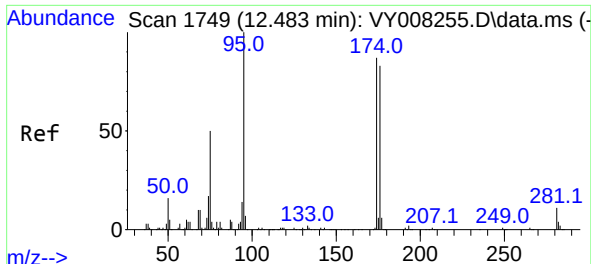
Tgt Ion: 43 Resp: 7634
Ion Ratio Lower Upper
43 100
58 42.2 28.1 42.1#



#59
2-Hexanone
Concen: 29.083 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY008312.D
Acq: 13 Apr 2022 15:03

Tgt Ion: 43 Resp: 16636
Ion Ratio Lower Upper
43 100
58 57.0 24.4 73.4

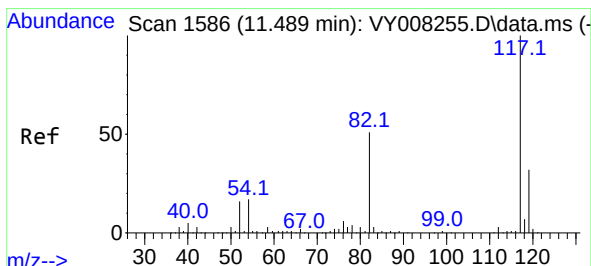
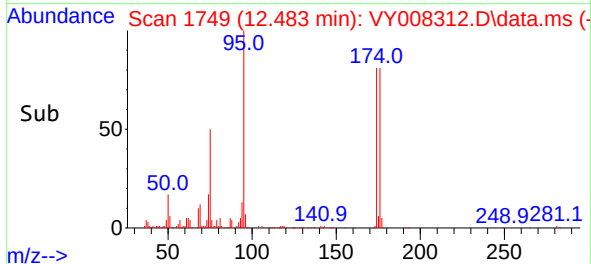
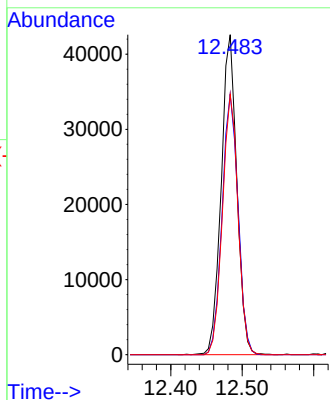
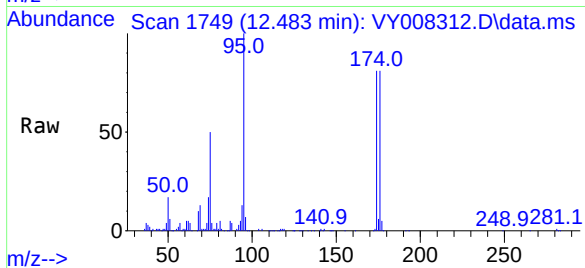




#62
4-Bromofluorobenzene
Concen: 47.788 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008312.D
Acq: 13 Apr 2022 15:03

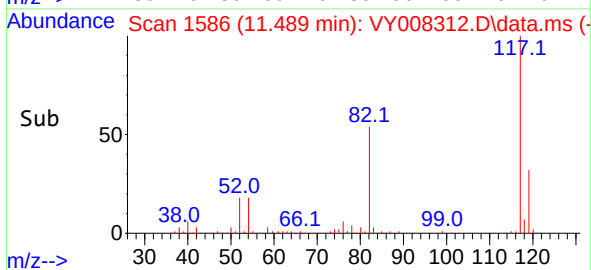
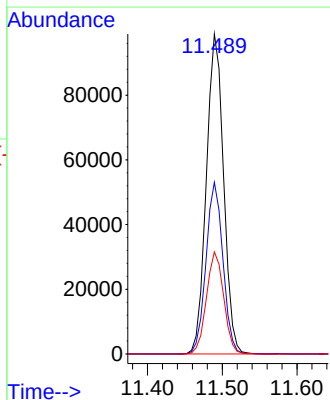
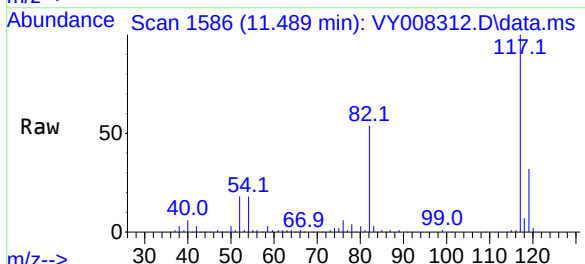
Instrument :
MSVOA_Y
ClientSampleId :
DEL-7

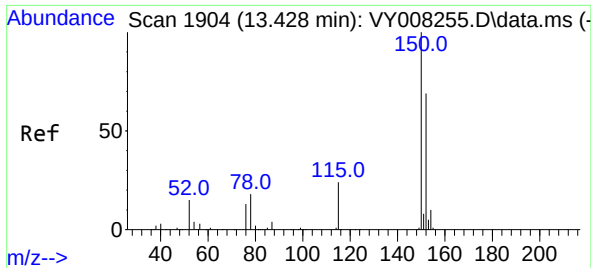
Tgt Ion:	95	Resp:	64797
Ion	Ratio	Lower	Upper
95	100		
174	83.0	0.0	177.0
176	80.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008312.D
Acq: 13 Apr 2022 15:03

Tgt Ion:	117	Resp:	158781
Ion	Ratio	Lower	Upper
117	100		
82	53.6	43.0	64.4
119	31.9	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008312.D
 Acq: 13 Apr 2022 15:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 DEL-7

Tgt Ion:152 Resp: 62781
 Ion Ratio Lower Upper
 152 100
 115 57.1 28.2 84.7
 150 157.5 0.0 347.6

