

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062922\
 Data File : VU049548.D
 Acq On : 30 Jun 2022 06:16
 Operator : SY/MD
 Sample : N3524-06
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 31466

Quant Time: Jun 30 09:14:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U062722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 28 10:35:43 2022
 Response via : Initial Calibration

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

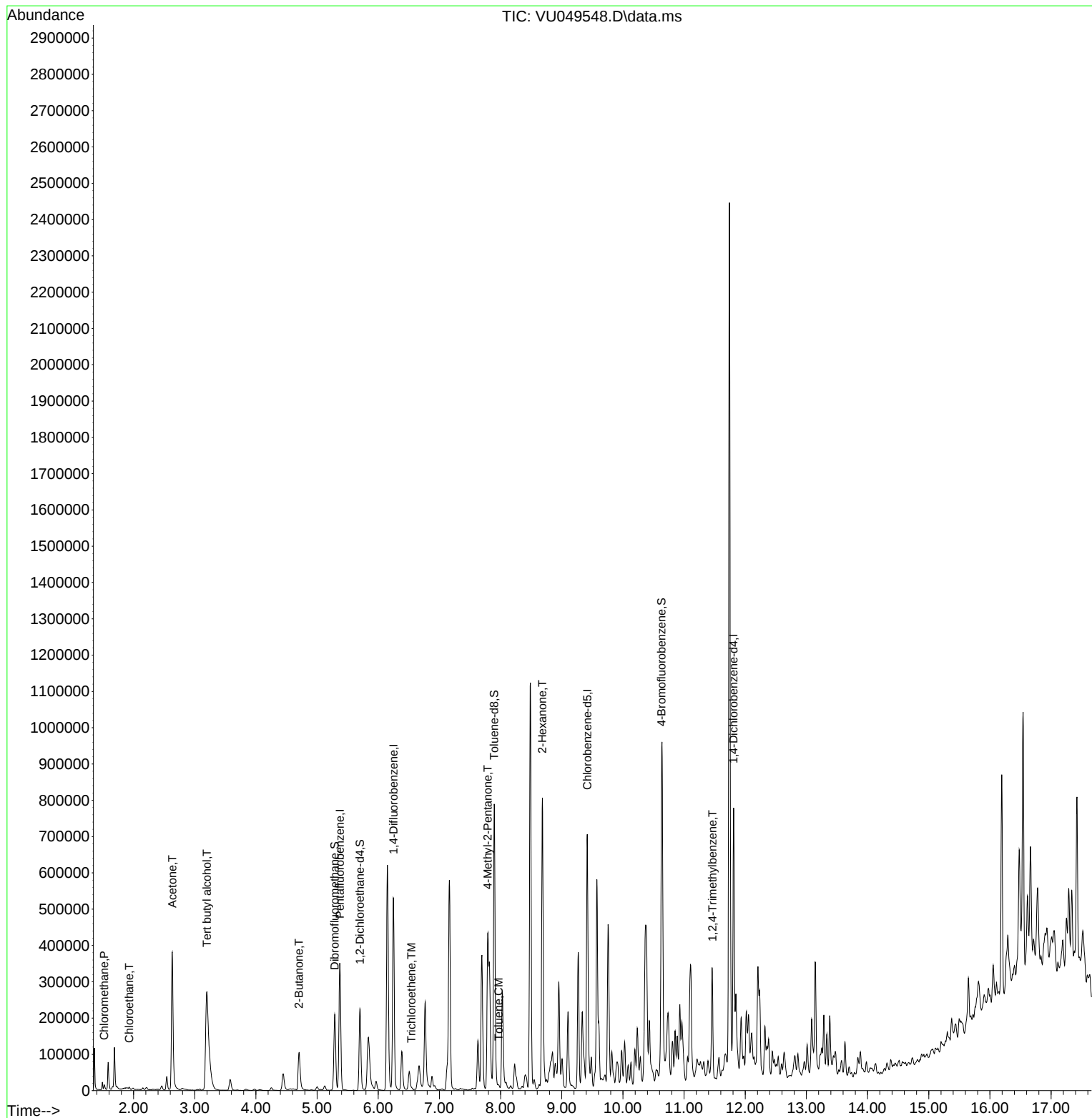
Internal Standards						
1) Pentafluorobenzene	5.372	168	238564	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.250	114	426413	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	379662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.809	152	172950	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	169531	46.143	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.280%
35) Dibromofluoromethane	5.288	113	135989	45.584	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	91.160%
50) Toluene-d8	7.896	98	513844	48.291	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.580%
62) 4-Bromofluorobenzene	10.632	95	215179	52.791	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.580%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	11089	1.592	ug/l	96
6) Chloroethane	1.928	64	3134	3.608	ug/l	95
11) Tert butyl alcohol	3.198	59	578178	672.344	ug/l	# 54
16) Acetone	2.633	43	473630	255.630	ug/l	99
25) 2-Butanone	4.703	43	156281	56.283	ug/l	96
44) Trichloroethene	6.542	130	1543	0.497	ug/l	88
51) 4-Methyl-2-Pentanone	7.790	43	297923	51.397	ug/l	92
52) Toluene	7.970	92	1926	0.248	ug/l	83
59) 2-Hexanone	8.684	43	186311	40.873	ug/l	64
84) 1,2,4-Trimethylbenzene	11.465	105	2963	0.280	ug/l	# 56

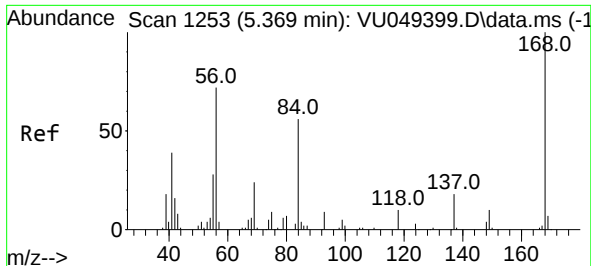
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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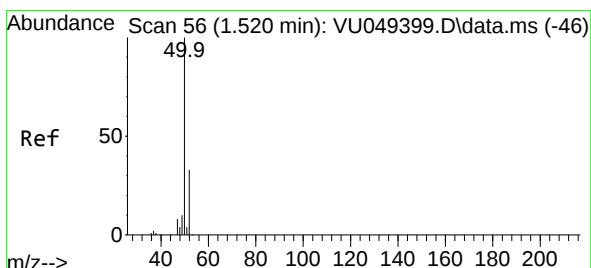
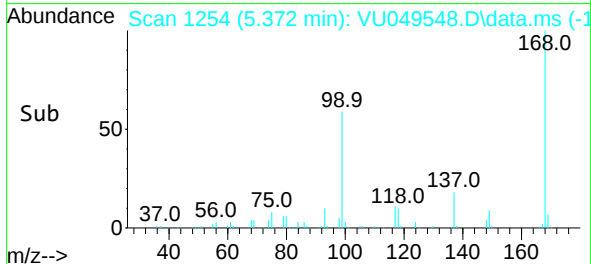
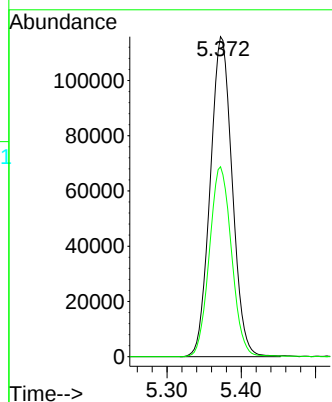
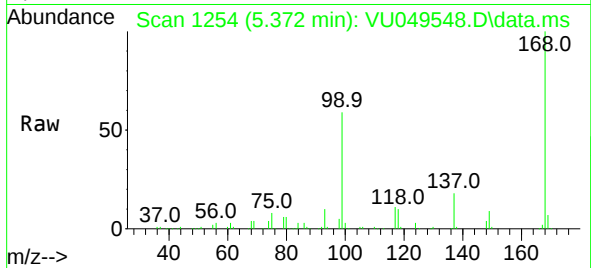




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. 0.003 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

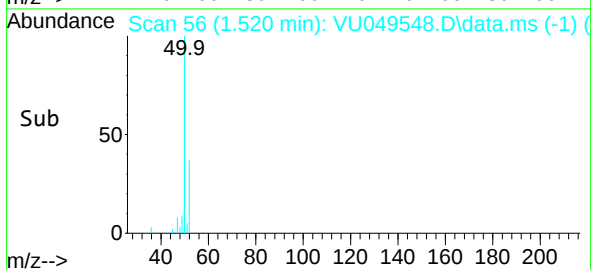
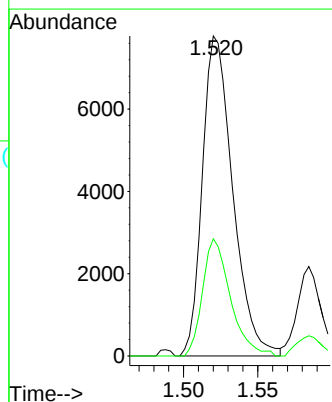
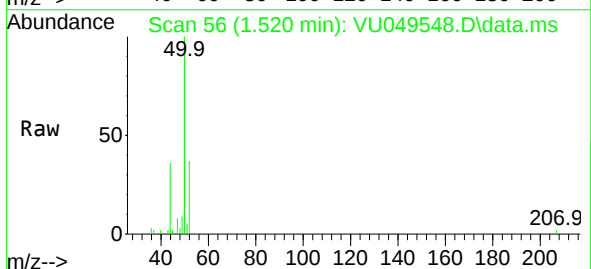
Instrument :
MSVOA_U
ClientSampleId :
31466

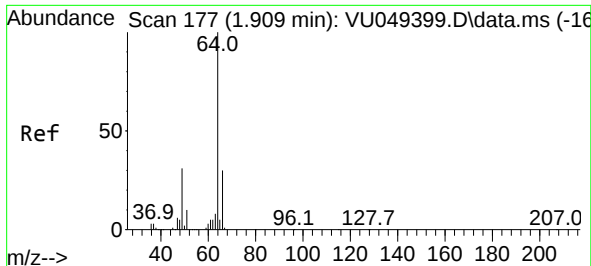
Tgt Ion:168 Resp: 238564
Ion Ratio Lower Upper
168 100
99 59.4 39.3 58.9#



#3
Chloromethane
Concen: 1.592 ug/l
RT: 1.520 min Scan# 56
Delta R.T. 0.000 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

Tgt Ion: 50 Resp: 11089
Ion Ratio Lower Upper
50 100
52 36.6 27.4 41.2

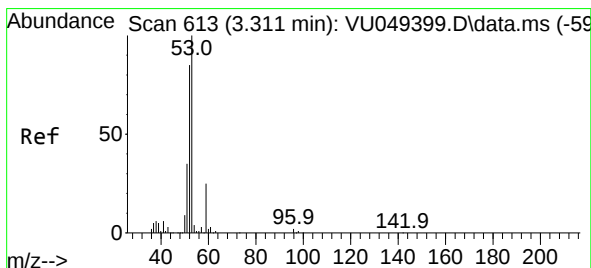
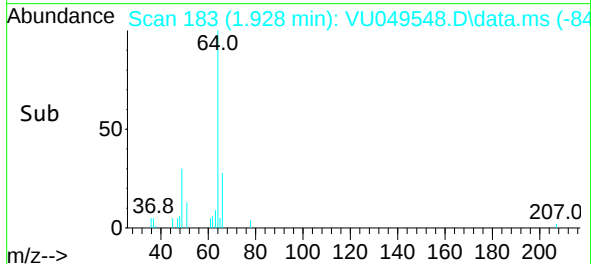
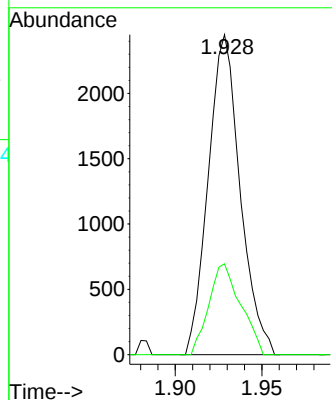
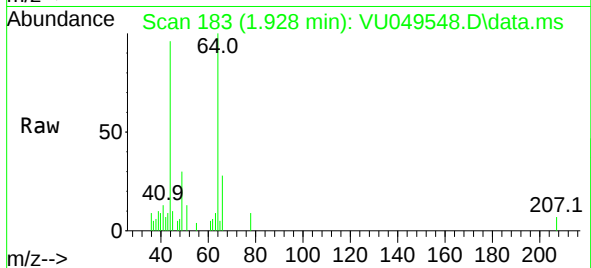




#6
Chloroethane
Concen: 3.608 ug/l
RT: 1.928 min Scan# 11
Delta R.T. 0.019 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

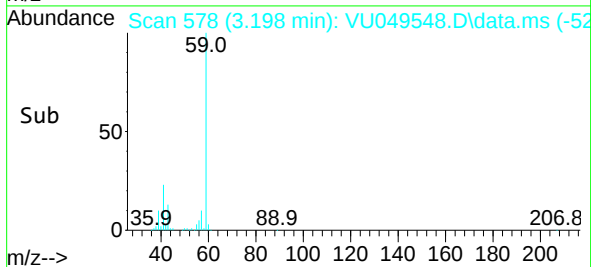
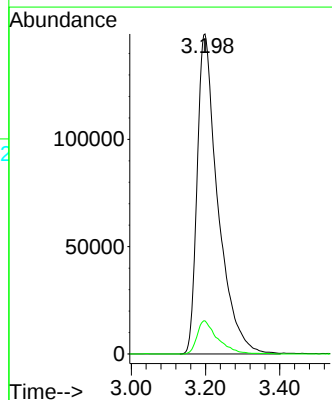
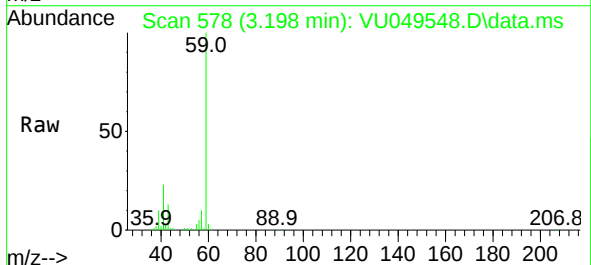
Instrument :
MSVOA_U
ClientSampleId :
31466

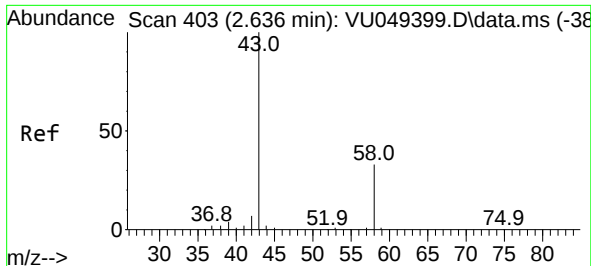
Tgt Ion: 64 Resp: 3134
Ion Ratio Lower Upper
64 100
66 28.4 24.7 37.1



#11
Tert butyl alcohol
Concen: 672.344 ug/l
RT: 3.198 min Scan# 578
Delta R.T. -0.113 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

Tgt Ion: 59 Resp: 578178
Ion Ratio Lower Upper
59 100
57 10.2 30.6 45.8#

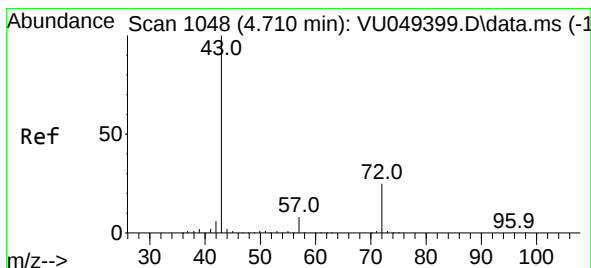
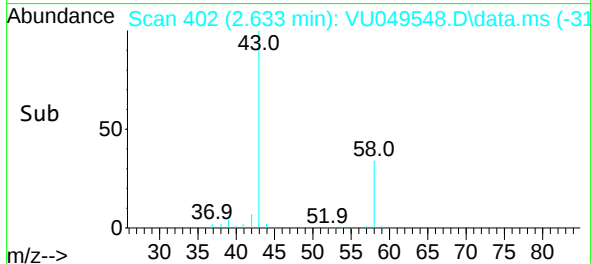
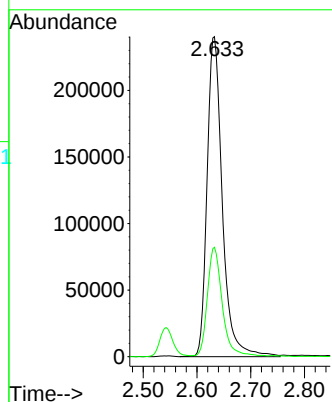
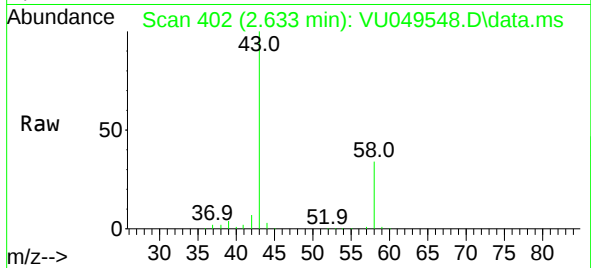




#16
Acetone
Concen: 255.630 ug/l
RT: 2.633 min Scan# 403
Delta R.T. -0.003 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

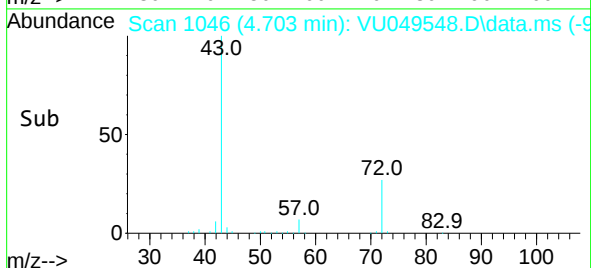
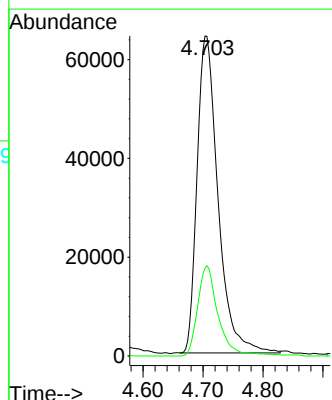
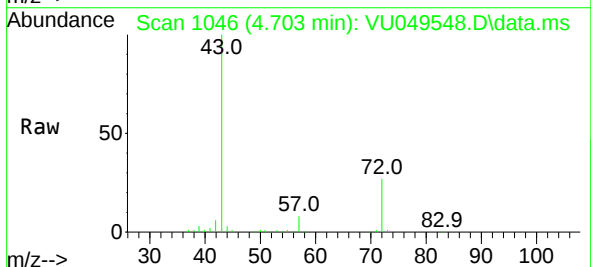
Instrument :
MSVOA_U
ClientSampleId :
31466

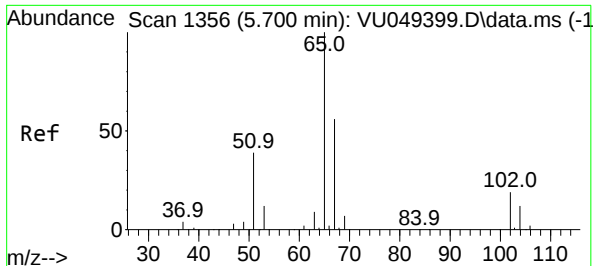
Tgt Ion: 43 Resp: 473630
Ion Ratio Lower Upper
43 100
58 34.0 27.5 41.3



#25
2-Butanone
Concen: 56.283 ug/l
RT: 4.703 min Scan# 1046
Delta R.T. -0.006 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

Tgt Ion: 43 Resp: 156281
Ion Ratio Lower Upper
43 100
72 27.8 23.8 35.6





#33

1,2-Dichloroethane-d4

Concen: 46.143 ug/l

RT: 5.700 min Scan# 11

Delta R.T. -0.000 min

Lab File: VU049548.D

Acq: 30 Jun 2022 06:16

Instrument :

MSVOA_U

ClientSampleId :

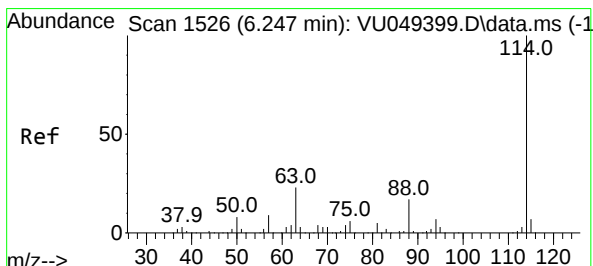
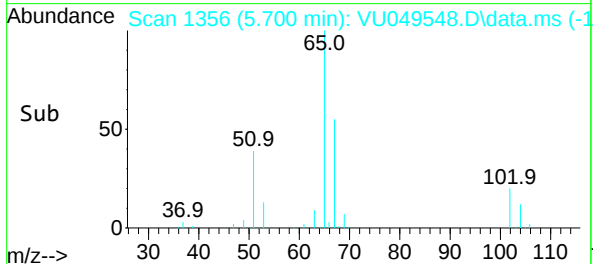
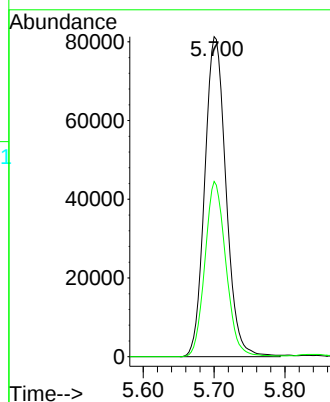
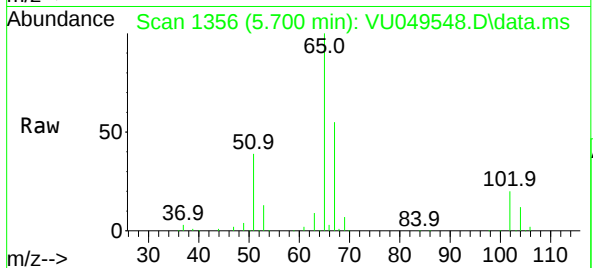
31466

Tgt Ion: 65 Resp: 169531

Ion Ratio Lower Upper

65 100

67 54.0 0.0 108.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.250 min Scan# 1527

Delta R.T. 0.003 min

Lab File: VU049548.D

Acq: 30 Jun 2022 06:16

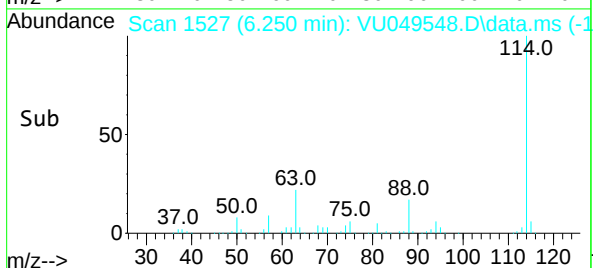
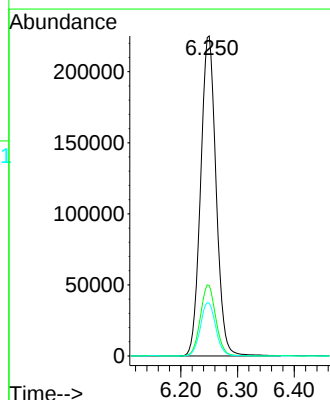
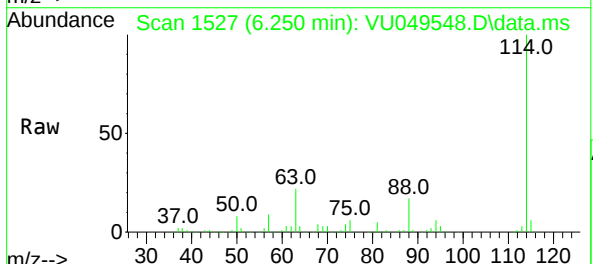
Tgt Ion: 114 Resp: 426413

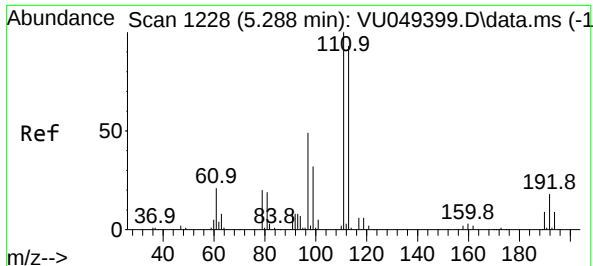
Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 16.5 0.0 29.2





#35

Dibromofluoromethane

Concen: 45.584 ug/l

RT: 5.288 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU049548.D

Acq: 30 Jun 2022 06:16

Instrument :

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ClientSampleId :

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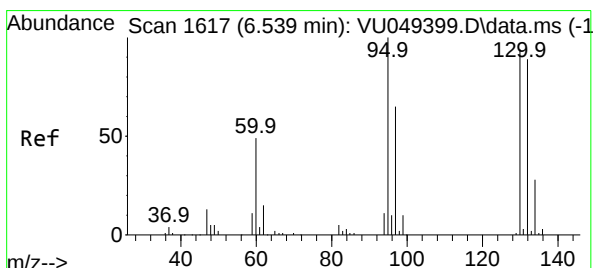
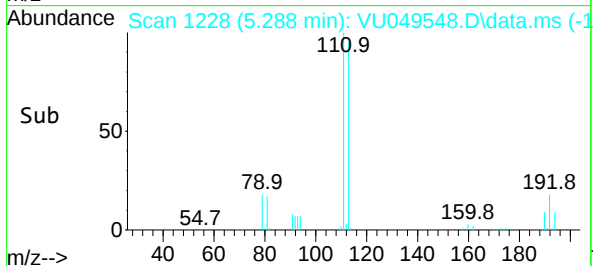
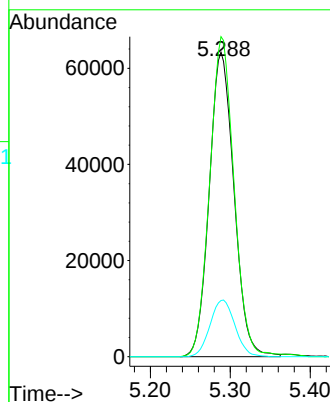
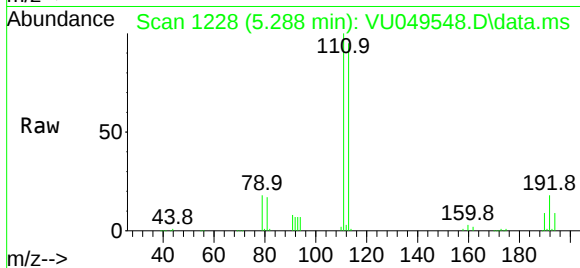
Tgt Ion:113 Resp: 135989

Ion Ratio Lower Upper

113 100

111 103.9 82.1 123.1

192 18.8 18.0 27.0



#44

Trichloroethene

Concen: 0.497 ug/l

RT: 6.542 min Scan# 1618

Delta R.T. 0.003 min

Lab File: VU049548.D

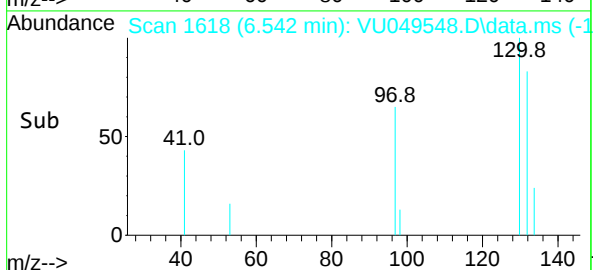
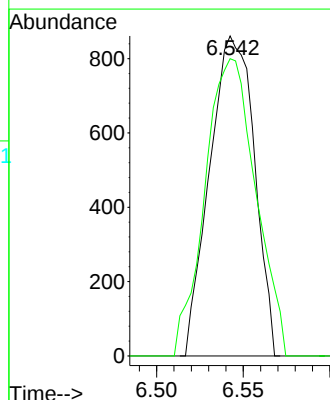
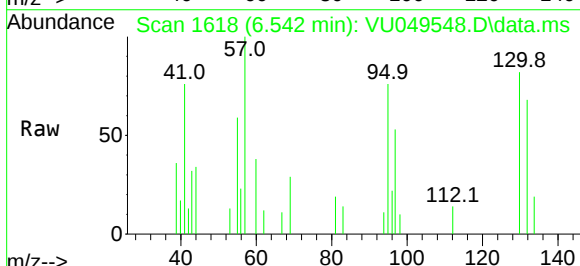
Acq: 30 Jun 2022 06:16

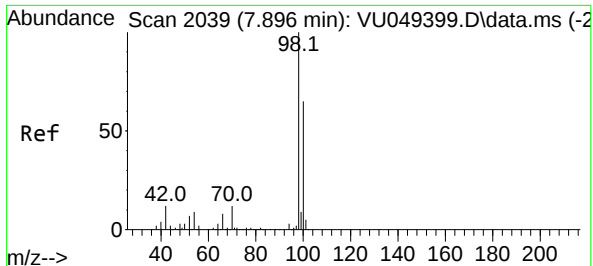
Tgt Ion:130 Resp: 1543

Ion Ratio Lower Upper

130 100

95 80.4 0.0 184.6

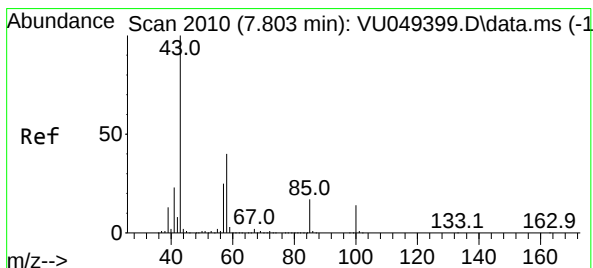
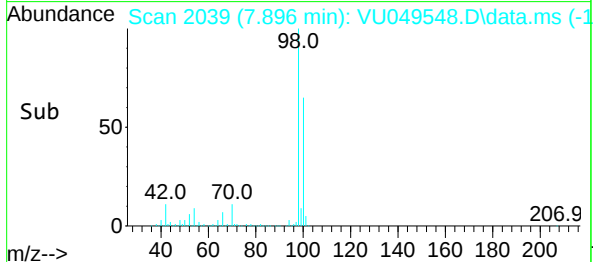
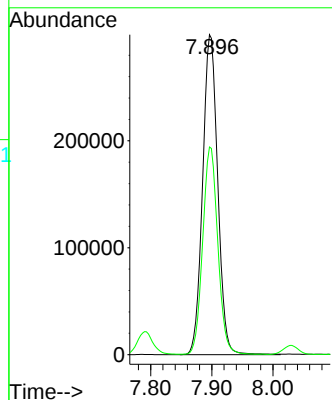
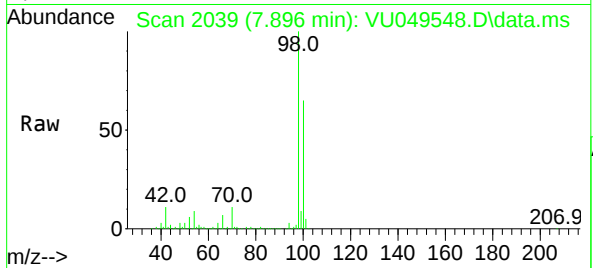




#50
Toluene-d8
Concen: 48.291 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. 0.000 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

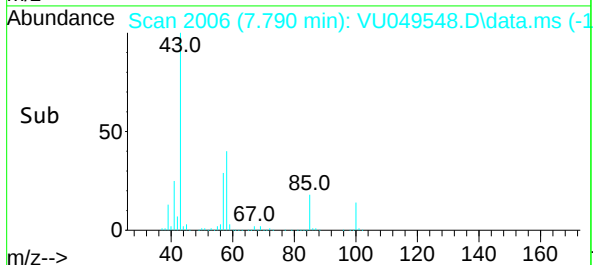
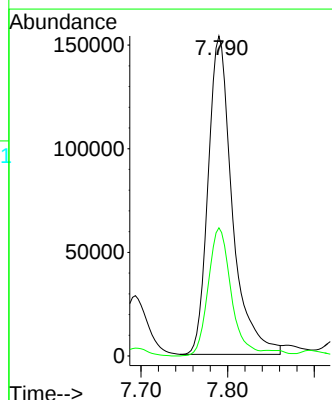
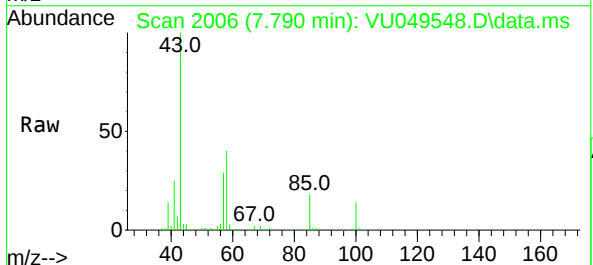
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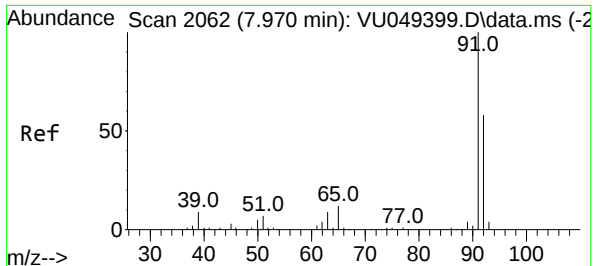
Tgt Ion: 98 Resp: 513844
Ion Ratio Lower Upper
98 100
100 64.8 51.7 77.5



#51
4-Methyl-2-Pentanone
Concen: 51.397 ug/l
RT: 7.790 min Scan# 2006
Delta R.T. -0.013 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

Tgt Ion: 43 Resp: 297923
Ion Ratio Lower Upper
43 100
58 38.2 34.7 52.1

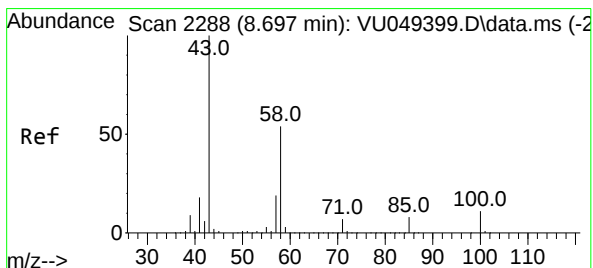
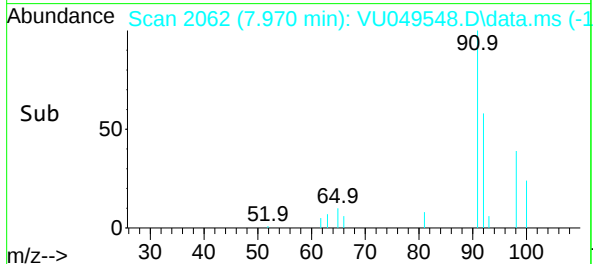
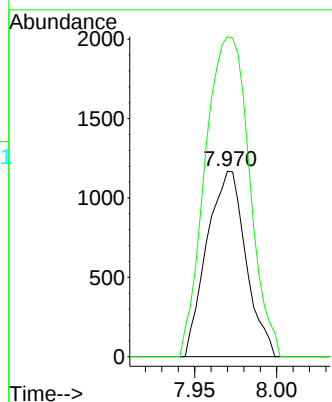
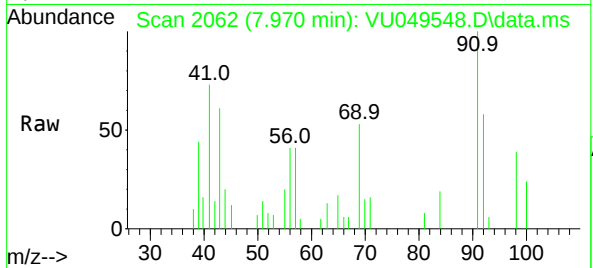




#52
Toluene
Concen: 0.248 ug/l
RT: 7.970 min Scan# 2062
Delta R.T. 0.000 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

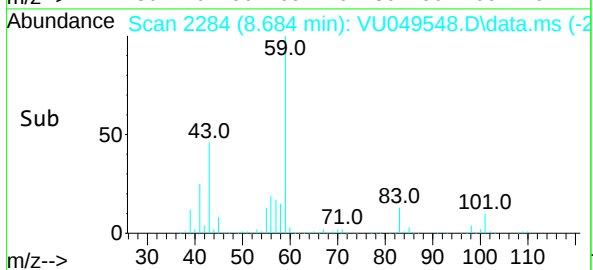
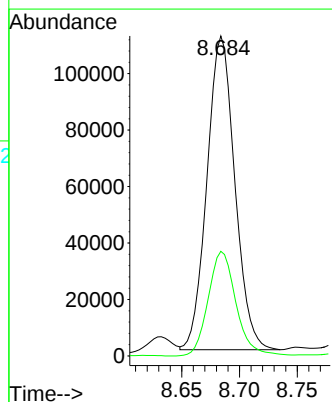
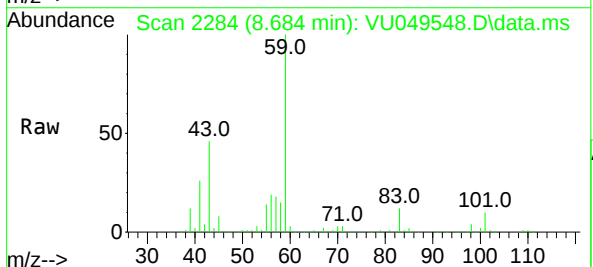
Instrument :
MSVOA_U
ClientSampleId :
31466

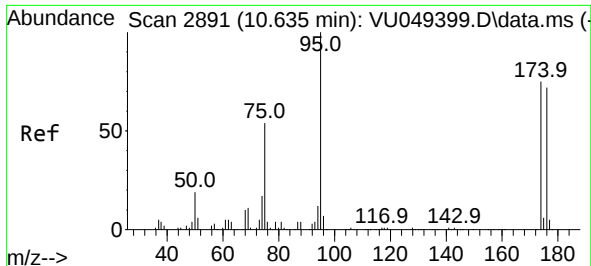
Tgt Ion: 92 Resp: 1926
Ion Ratio Lower Upper
92 100
91 196.2 138.2 207.4



#59
2-Hexanone
Concen: 40.873 ug/l
RT: 8.684 min Scan# 2284
Delta R.T. -0.013 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

Tgt Ion: 43 Resp: 186311
Ion Ratio Lower Upper
43 100
58 33.5 30.3 90.8

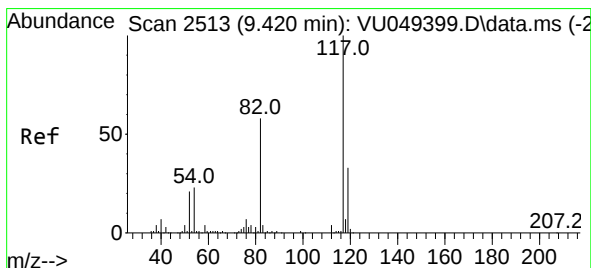
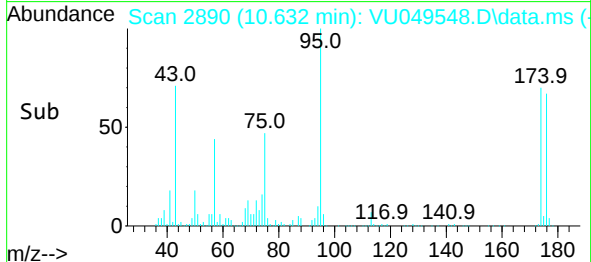
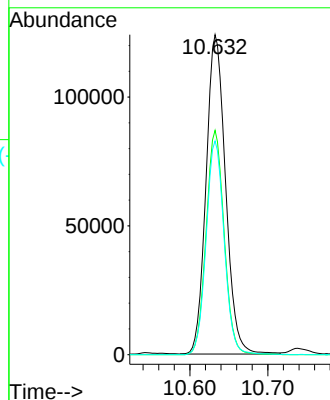
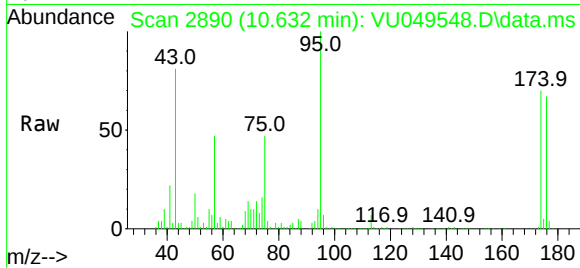




#62
4-Bromofluorobenzene
Concen: 52.791 ug/l
RT: 10.632 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

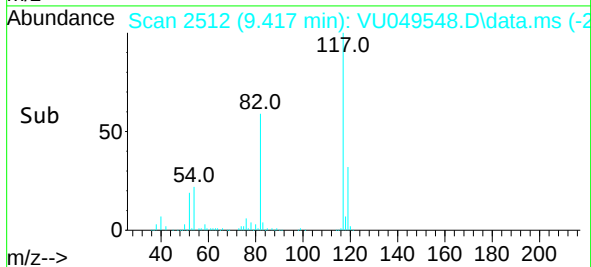
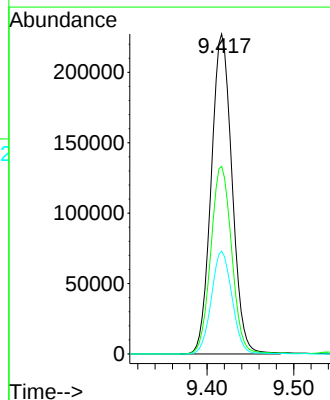
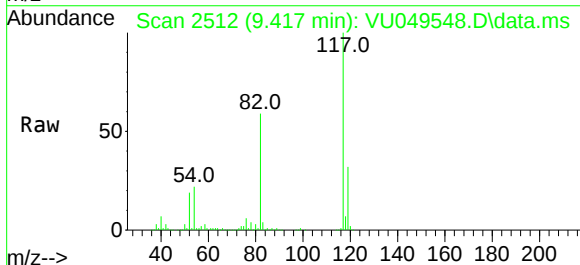
Instrument :
MSVOA_U
ClientSampleId :
31466

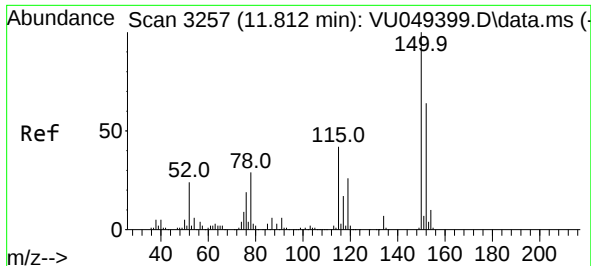
Tgt Ion: 95 Resp: 215179
Ion Ratio Lower Upper
95 100
174 65.1 0.0 182.0
176 62.0 0.0 177.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.003 min
Lab File: VU049548.D
Acq: 30 Jun 2022 06:16

Tgt Ion: 117 Resp: 379662
Ion Ratio Lower Upper
117 100
82 58.7 41.7 62.5
119 32.2 25.7 38.5

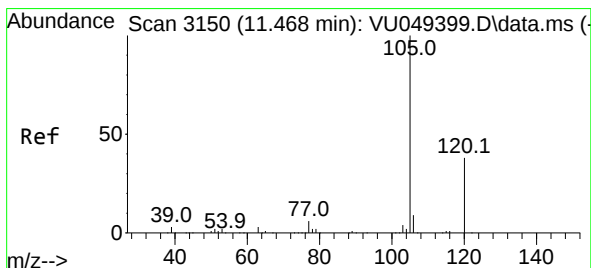
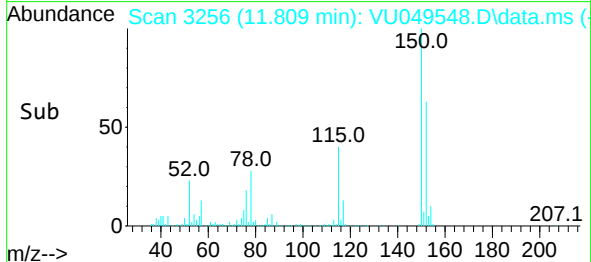
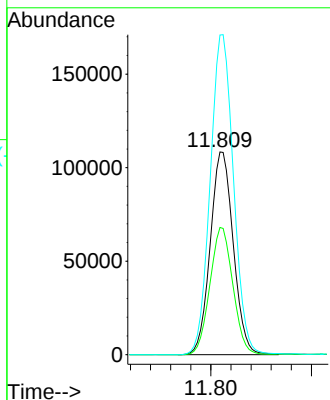
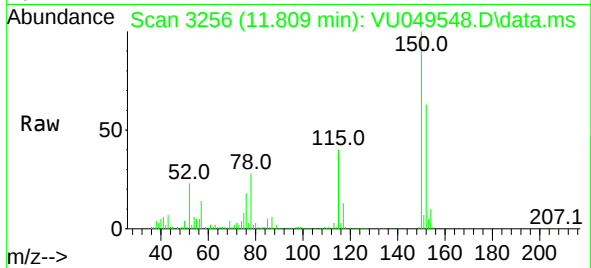




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.809 min Scan# 31466
 Delta R.T. -0.003 min
 Lab File: VU049548.D
 Acq: 30 Jun 2022 06:16

Instrument :
 MSVOA_U
 ClientSampleId :
 31466

Tgt Ion:152 Resp: 172950
 Ion Ratio Lower Upper
 152 100
 115 62.4 37.0 110.9
 150 159.3 0.0 342.2



#84
 1,2,4-Trimethylbenzene
 Concen: 0.280 ug/l
 RT: 11.465 min Scan# 3149
 Delta R.T. -0.003 min
 Lab File: VU049548.D
 Acq: 30 Jun 2022 06:16

Tgt Ion:105 Resp: 2963
 Ion Ratio Lower Upper
 105 100
 120 17.6 23.4 70.3#

