

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
 Data File : VU048942.D
 Acq On : 08 Jun 2022 04:35
 Operator : SY/MD
 Sample : N3166-19 100X
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP07-20220601

Quant Time: Jun 08 09:17:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 27 06:42:31 2022
 Response via : Initial Calibration

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

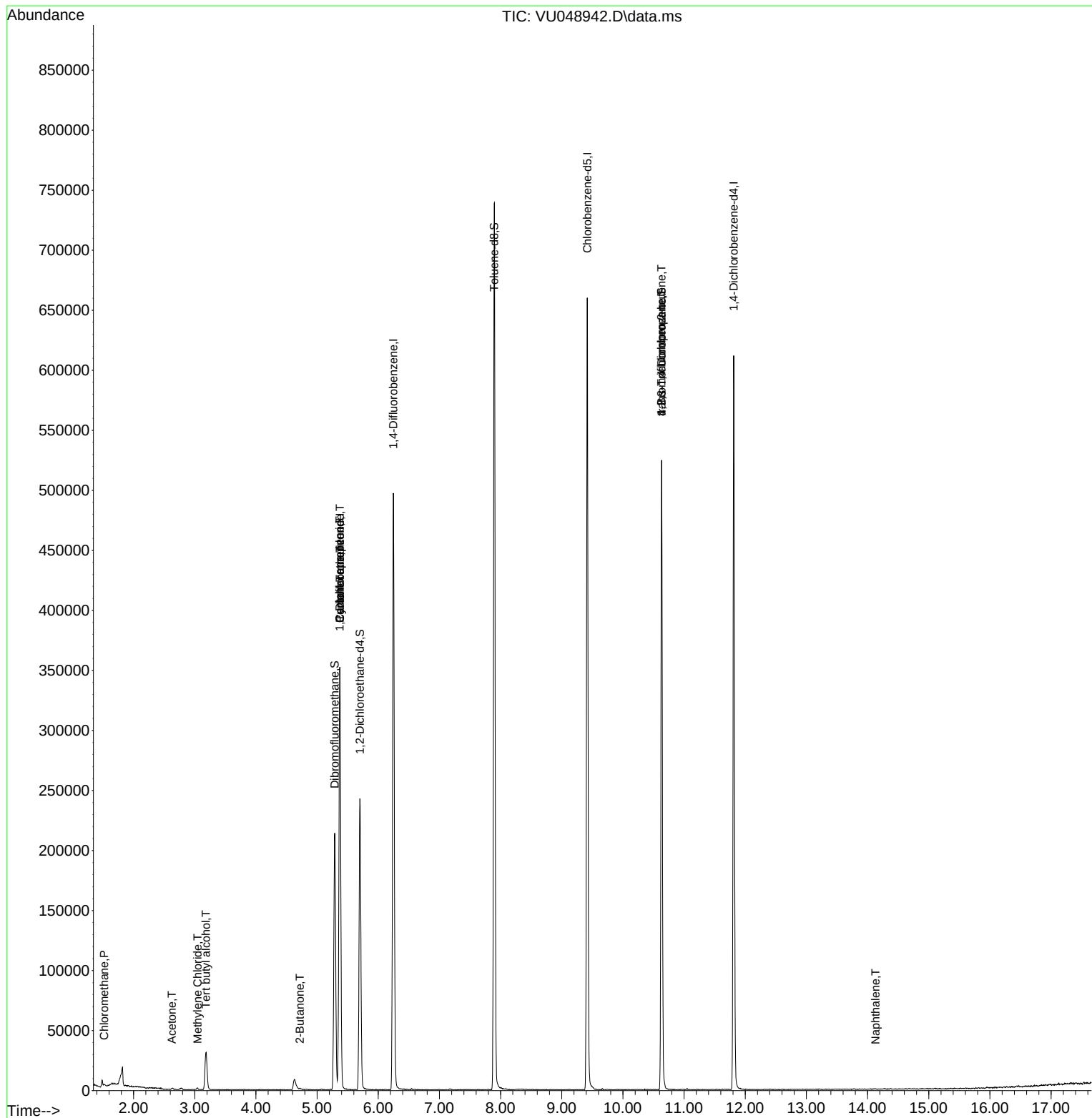
Internal Standards						
1) Pentafluorobenzene	5.372	168	237311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.247	114	401512	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.417	117	363057	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.812	152	161178	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	185117	51.941	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	103.880%
35) Dibromofluoromethane	5.288	113	138116	48.217	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.440%
50) Toluene-d8	7.896	98	484342	47.170	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.340%
62) 4-Bromofluorobenzene	10.632	95	172384	44.391	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.780%
Target Compounds						
					Qvalue	
3) Chloromethane	1.520	50	968	0.277	ug/l	90
5) Bromomethane	1.845	94	108	Below Cal	#	3
6) Chloroethane	1.951	64	147	Below Cal	#	43
11) Tert butyl alcohol	3.182	59	20228	22.387	ug/l #	30
13) Acrolein	2.478	56	80	Below Cal	#	14
16) Acetone	2.626	43	1651	0.909	ug/l	96
20) Methylene Chloride	3.044	84	849	0.275	ug/l #	68
25) 2-Butanone	4.719	43	1417	0.543	ug/l #	75
31) Cyclohexane	5.372	56	5498	1.224	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	19081	4.564	ug/l #	50
38) Carbon Tetrachloride	5.372	117	24584	5.126	ug/l #	18
76) 1,2,3-Trichloropropane	10.632	75	90470	17.409	ug/l #	48
81) trans-1,4-Dichloro-2-b...	10.632	75	90470	63.209	ug/l #	13
95) Naphthalene	14.127	128	201	2.548	ug/l #	69

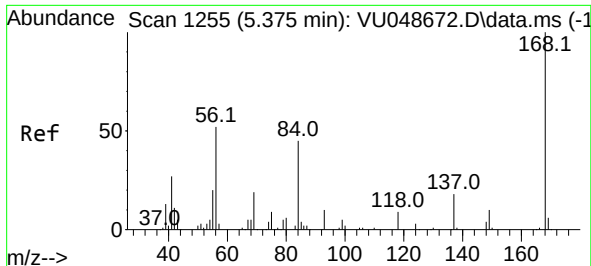
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU060722\
Data File : VU048942.D
Acq On : 08 Jun 2022 04:35
Operator : SY/MD
Sample : N3166-19 100X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
DUP07-20220601

Quant Time: Jun 08 09:17:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U052622W.M
Quant Title : SW846 8260
QLast Update : Fri May 27 06:42:31 2022
Response via : Initial Calibration

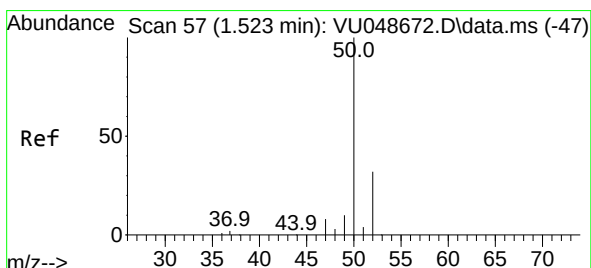
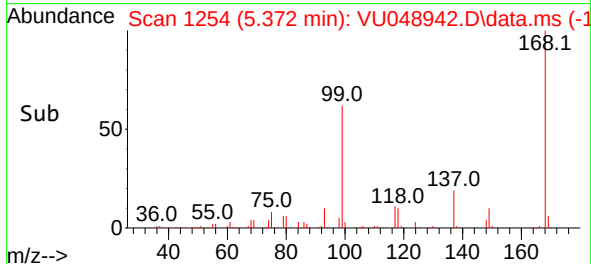
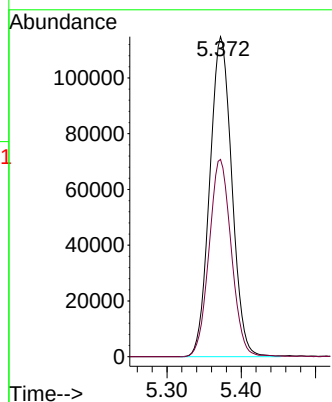
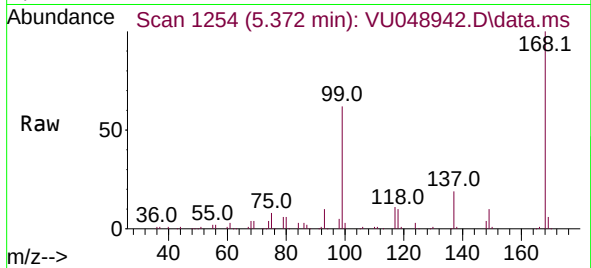




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.372 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

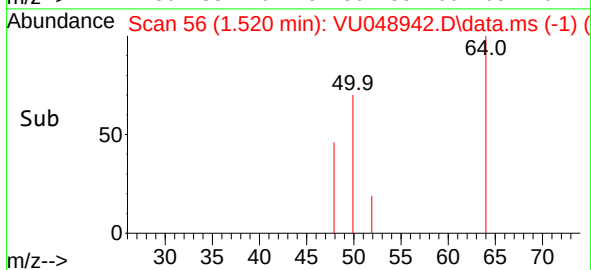
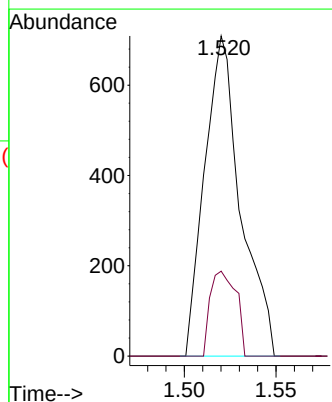
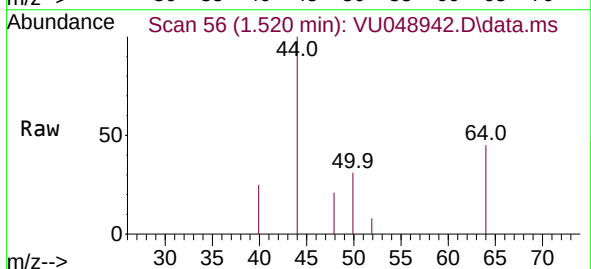
Instrument :
MSVOA_U
ClientSampleId :
DUP07-20220601

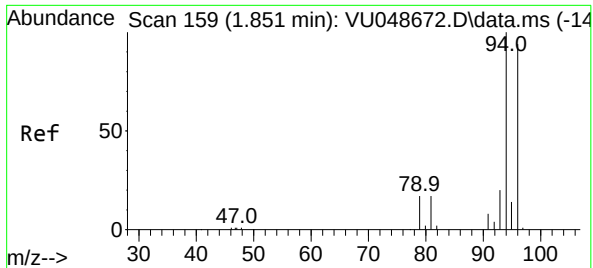
Tgt Ion:168 Resp: 237311
Ion Ratio Lower Upper
168 100
99 61.6 49.3 73.9



#3
Chloromethane
Concen: 0.277 ug/l
RT: 1.520 min Scan# 56
Delta R.T. -0.003 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

Tgt Ion: 50 Resp: 968
Ion Ratio Lower Upper
50 100
52 26.5 25.7 38.5

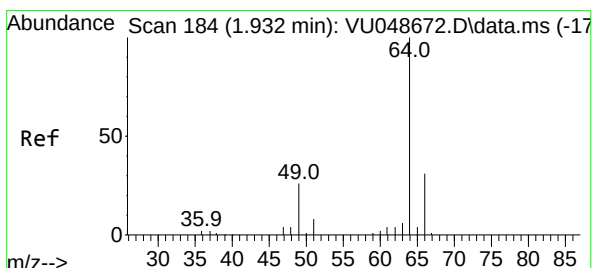
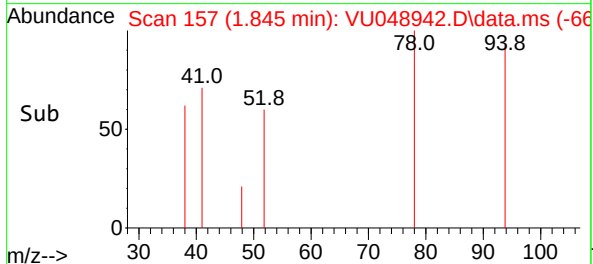
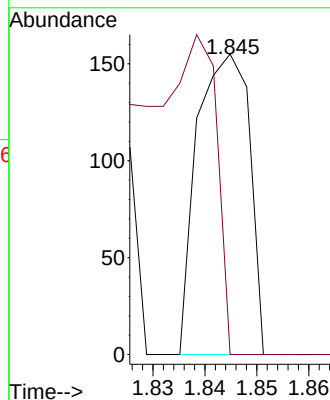
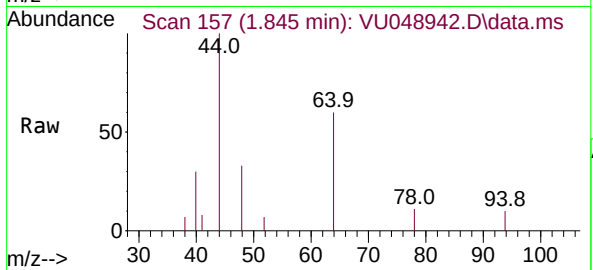




#5
Bromomethane
Concen: Below Cal
RT: 1.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

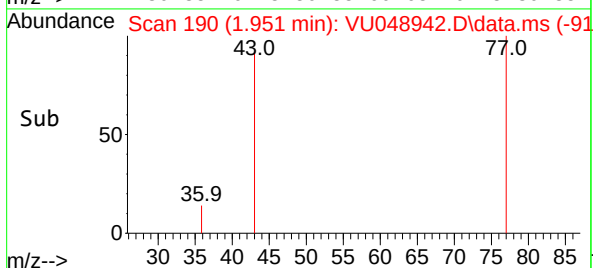
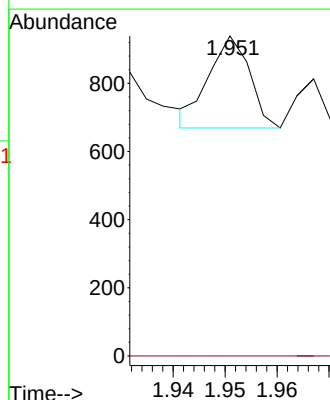
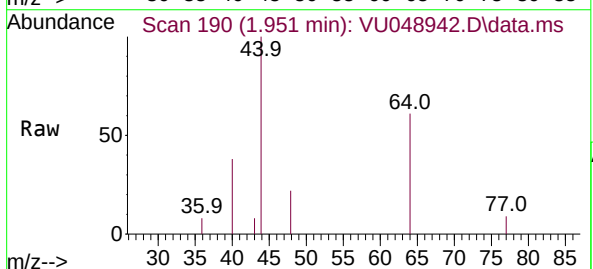
Instrument :
MSVOA_U
ClientSampleId :
DUP07-20220601

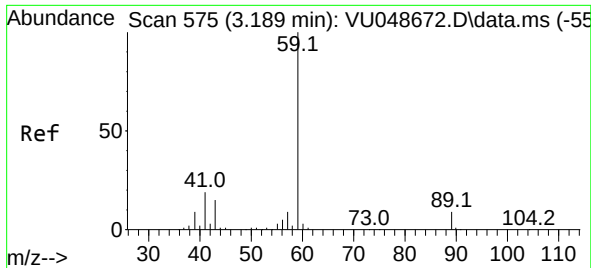
Tgt Ion: 94 Resp: 108
Ion Ratio Lower Upper
94 100
96 0.0 75.1 112.7#



#6
Chloroethane
Concen: Below Cal
RT: 1.951 min Scan# 190
Delta R.T. 0.019 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

Tgt Ion: 64 Resp: 147
Ion Ratio Lower Upper
64 100
66 0.0 25.2 37.8#

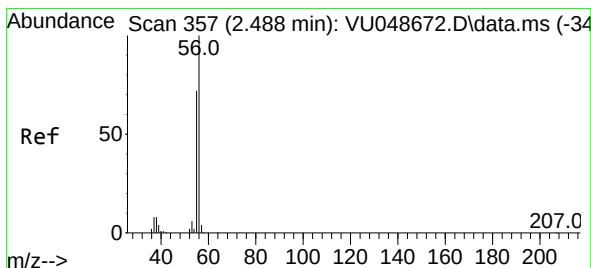
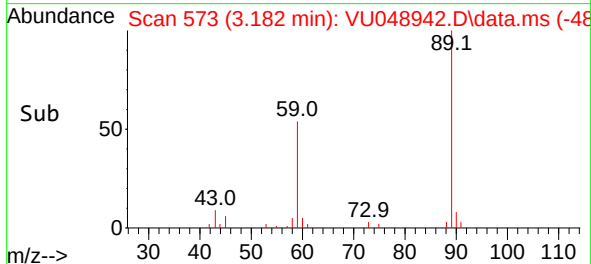
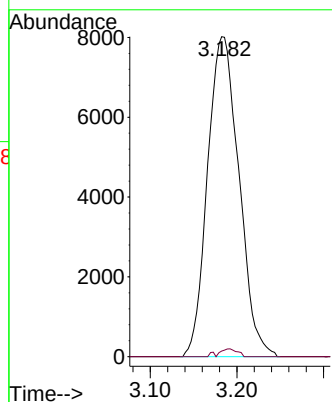
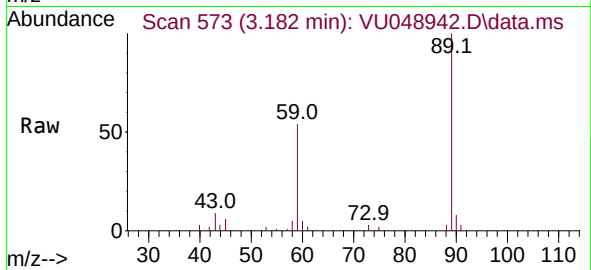




#11
Tert butyl alcohol
Concen: 22.387 ug/l
RT: 3.182 min Scan# 51
Delta R.T. -0.006 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

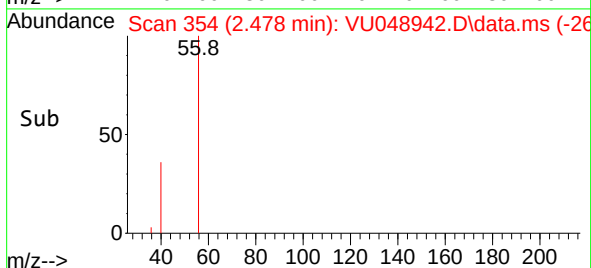
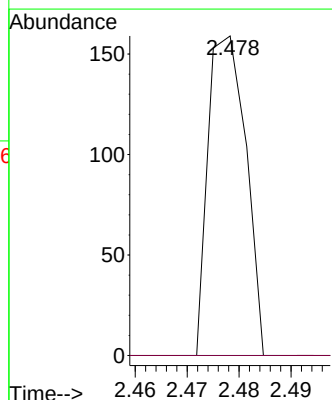
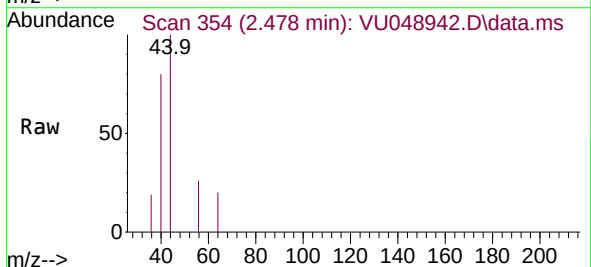
Instrument :
MSVOA_U
ClientSampleId :
DUP07-20220601

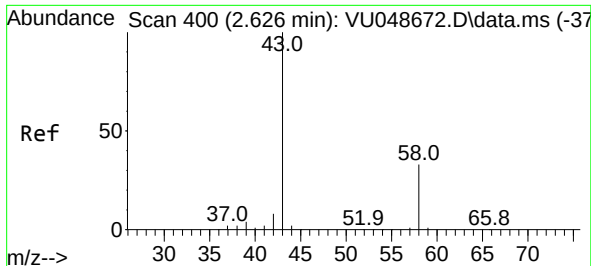
Tgt Ion: 59 Resp: 20228
Ion Ratio Lower Upper
59 100
57 1.2 39.7 59.5#



#13
Acrolein
Concen: Below Cal
RT: 2.478 min Scan# 354
Delta R.T. -0.010 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

Tgt Ion: 56 Resp: 80
Ion Ratio Lower Upper
56 100
55 0.0 57.7 86.5#





#16

Acetone

Concen: 0.909 ug/l

RT: 2.626 min Scan# 40

Delta R.T. -0.000 min

Lab File: VU048942.D

Acq: 08 Jun 2022 04:35

Instrument :

MSVOA_U

ClientSampleId :

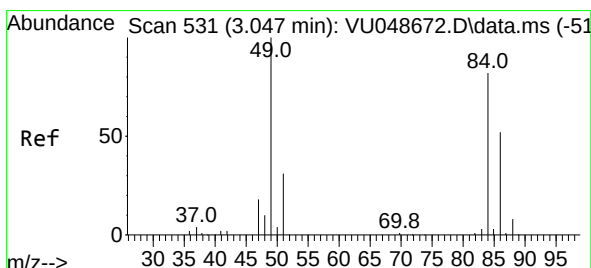
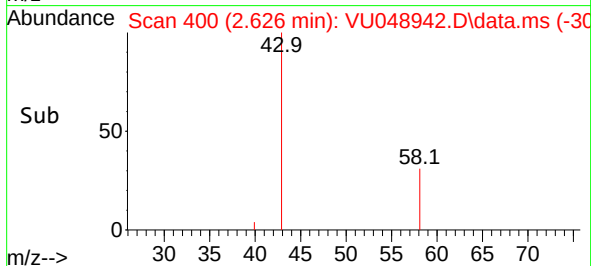
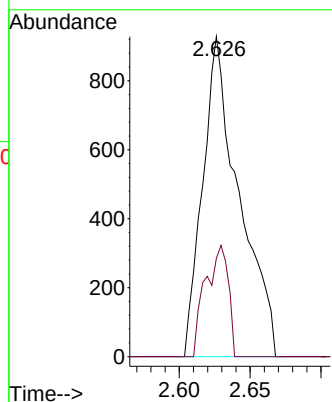
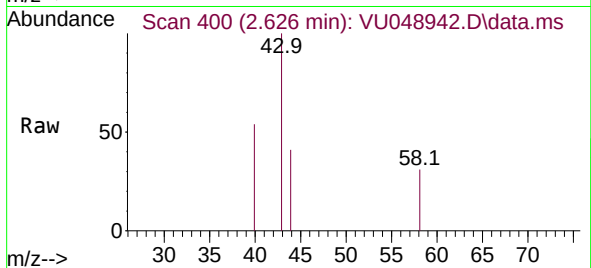
DUP07-20220601

Tgt Ion: 43 Resp: 1651

Ion Ratio Lower Upper

43 100

58 30.7 26.3 39.5



#20

Methylene Chloride

Concen: 0.275 ug/l

RT: 3.044 min Scan# 530

Delta R.T. -0.003 min

Lab File: VU048942.D

Acq: 08 Jun 2022 04:35

Tgt Ion: 84 Resp: 849

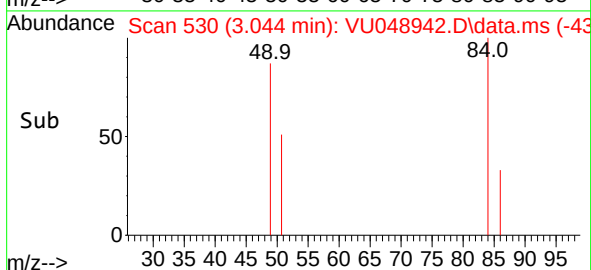
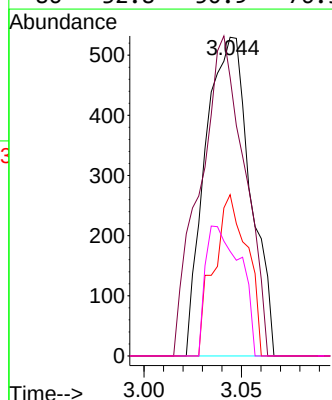
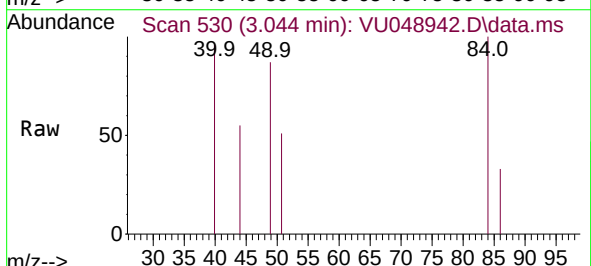
Ion Ratio Lower Upper

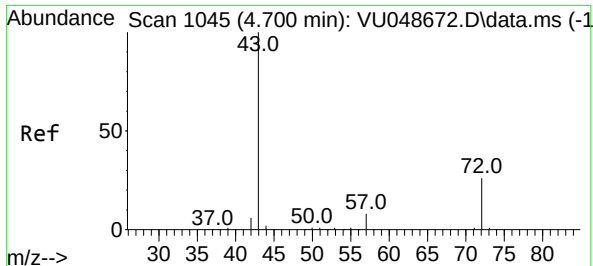
84 100

49 87.4 97.0 145.4#

51 50.6 29.8 44.8#

86 32.8 50.9 76.3#





#25

2-Butanone

Concen: 0.543 ug/l

RT: 4.719 min Scan# 1051

Delta R.T. 0.019 min

Lab File: VU048942.D

Acq: 08 Jun 2022 04:35

Instrument :

MSVOA_U

ClientSampleId :

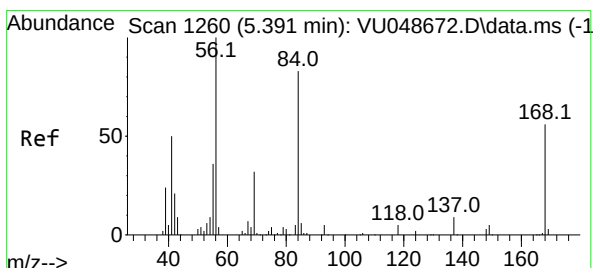
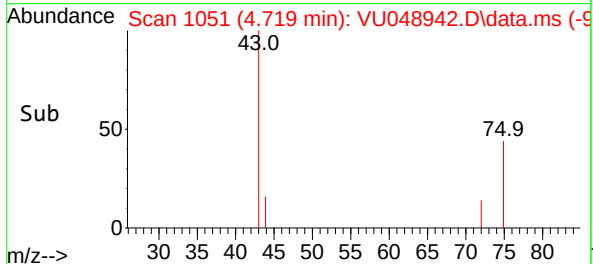
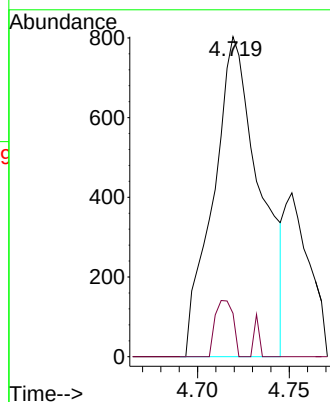
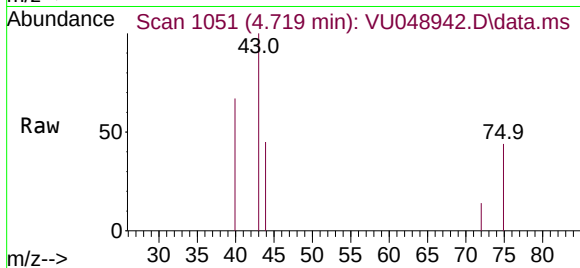
DUP07-20220601

Tgt Ion: 43 Resp: 1417

Ion Ratio Lower Upper

43 100

72 13.6 21.1 31.7#



#31

Cyclohexane

Concen: 1.224 ug/l

RT: 5.372 min Scan# 1254

Delta R.T. -0.019 min

Lab File: VU048942.D

Acq: 08 Jun 2022 04:35

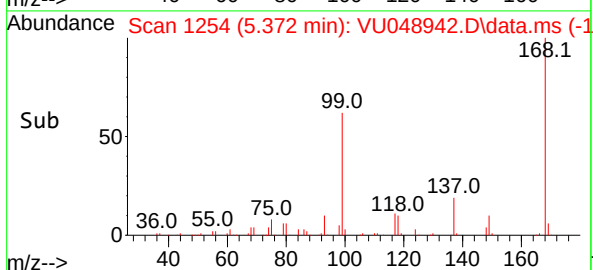
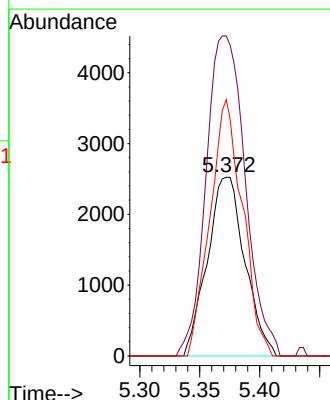
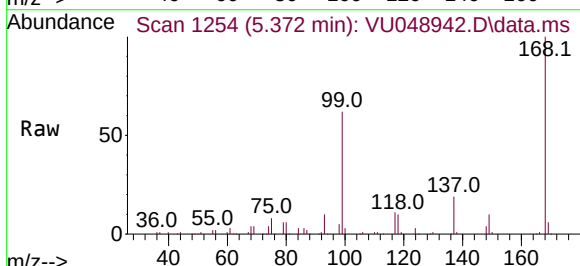
Tgt Ion: 56 Resp: 5498

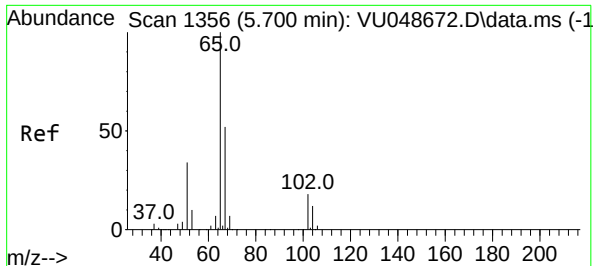
Ion Ratio Lower Upper

56 100

69 179.0 25.6 38.4#

84 143.5 66.2 99.4#





#33

1,2-Dichloroethane-d4

Concen: 51.941 ug/l

RT: 5.700 min Scan# 1

Delta R.T. -0.000 min

Lab File: VU048942.D

Acq: 08 Jun 2022 04:35

Instrument :

MSVOA_U

ClientSampleId :

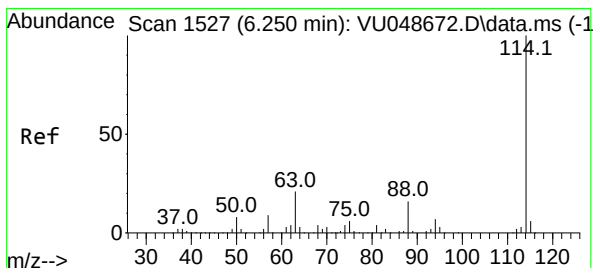
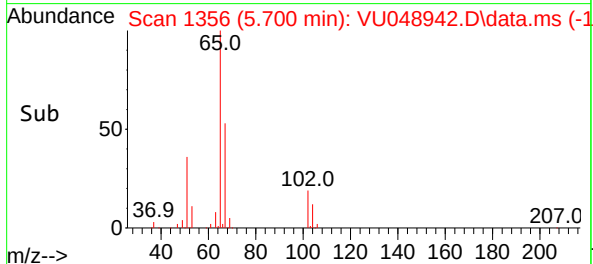
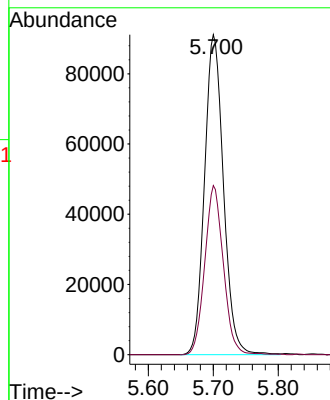
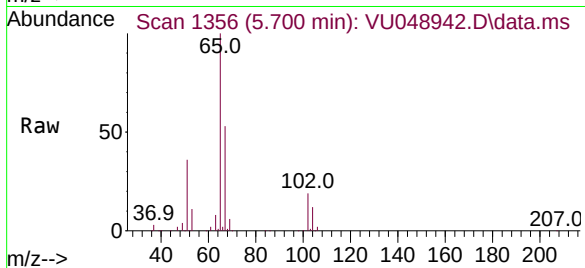
DUP07-20220601

Tgt Ion: 65 Resp: 185117

Ion Ratio Lower Upper

65 100

67 51.9 0.0 103.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.247 min Scan# 1526

Delta R.T. -0.003 min

Lab File: VU048942.D

Acq: 08 Jun 2022 04:35

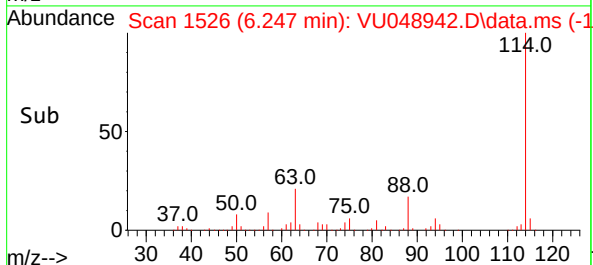
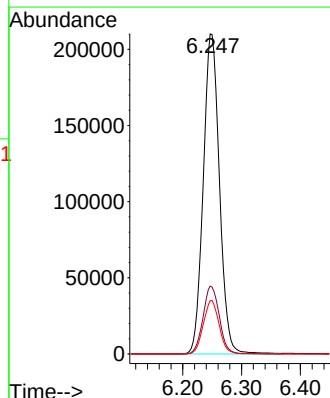
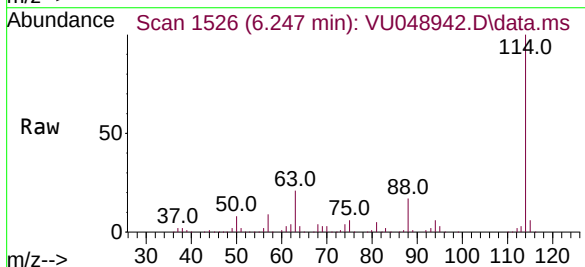
Tgt Ion: 114 Resp: 401512

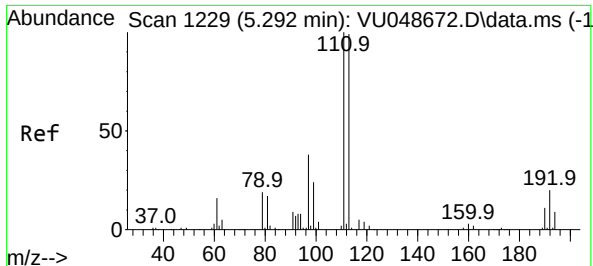
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.7 0.0 32.2

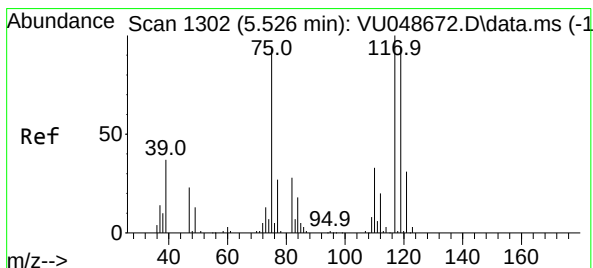
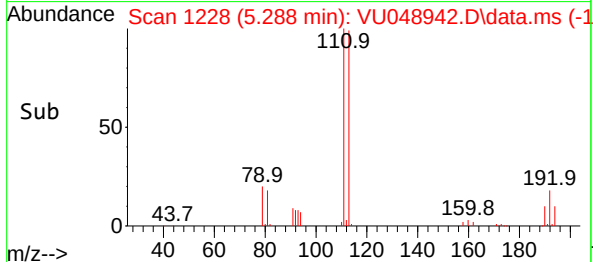
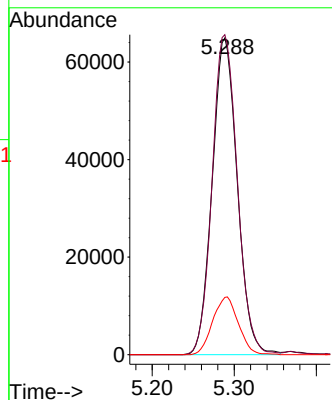
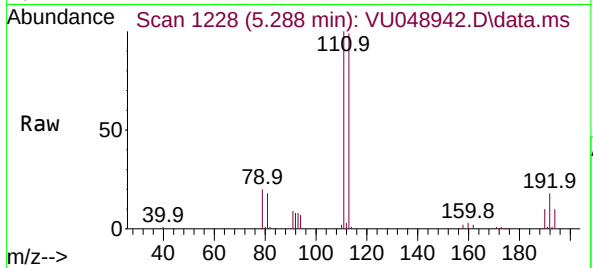




#35
Dibromofluoromethane
Concen: 48.217 ug/l
RT: 5.288 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

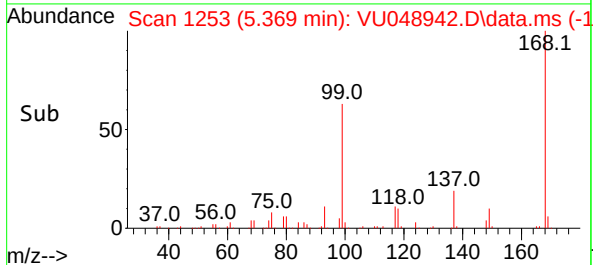
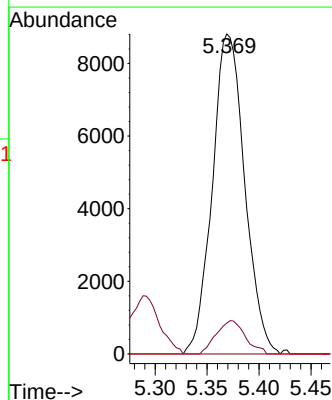
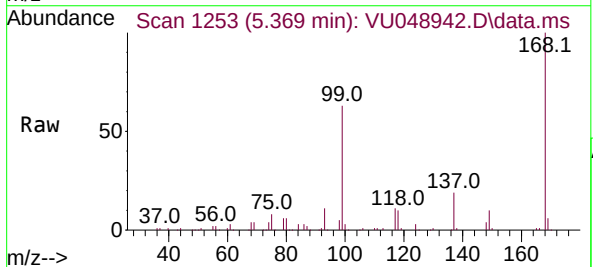
Instrument :
MSVOA_U
ClientSampleId :
DUP07-20220601

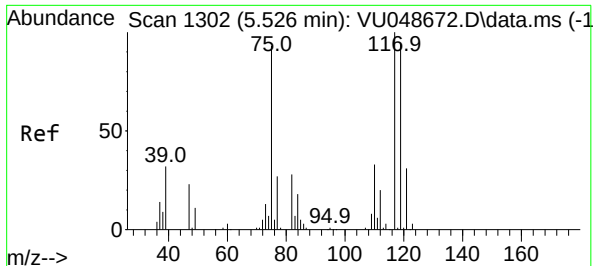
Tgt Ion:113 Resp: 138116
Ion Ratio Lower Upper
113 100
111 101.5 80.7 121.1
192 18.7 15.9 23.9



#36
1,1-Dichloropropene
Concen: 4.564 ug/l
RT: 5.369 min Scan# 1253
Delta R.T. -0.158 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

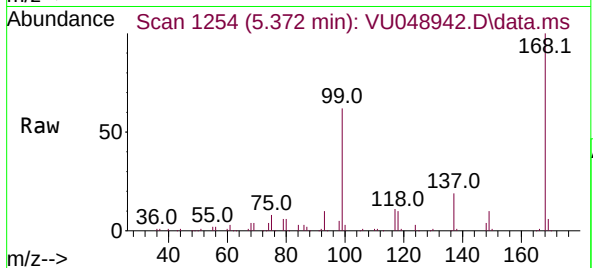
Tgt Ion: 75 Resp: 19081
Ion Ratio Lower Upper
75 100
110 9.3 17.4 52.3#
77 0.0 24.8 37.2#



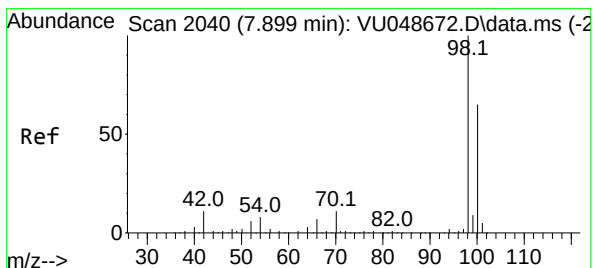
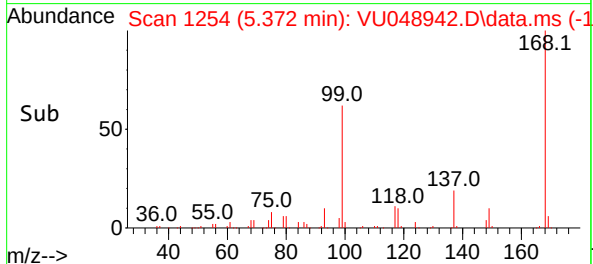
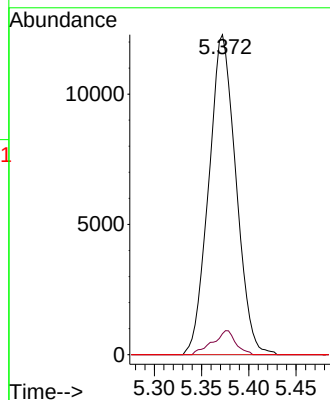


#38
Carbon Tetrachloride
Concen: 5.126 ug/l
RT: 5.372 min Scan# 117
Delta R.T. -0.154 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

Instrument :
MSVOA_U
ClientSampleId :
DUP07-20220601

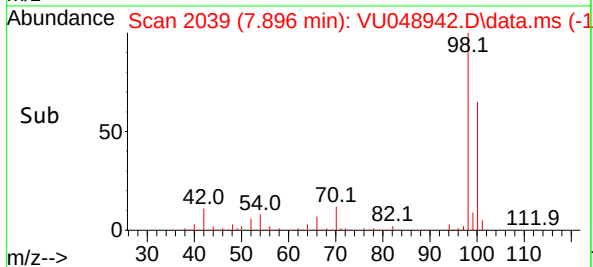
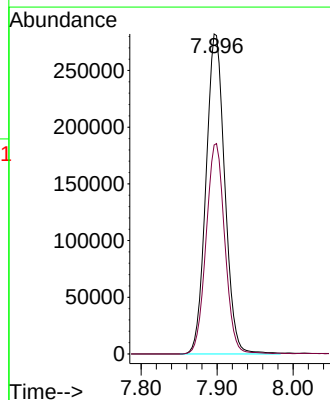
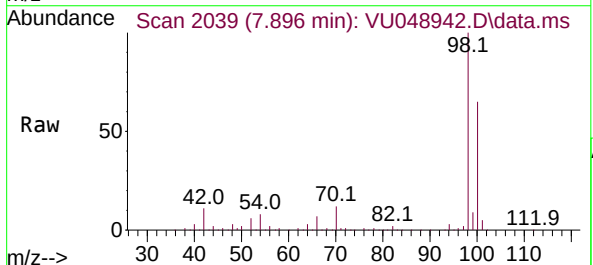


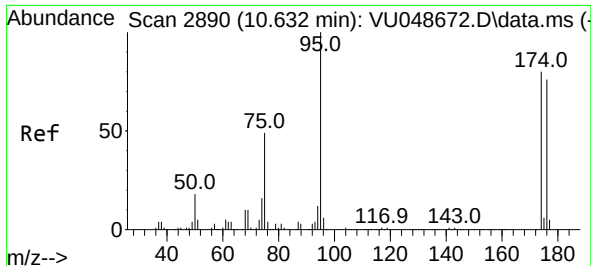
Tgt Ion:117 Resp: 24584
Ion Ratio Lower Upper
117 100
119 6.6 75.4 113.2#
121 0.0 24.6 36.8#



#50
Toluene-d8
Concen: 47.170 ug/l
RT: 7.896 min Scan# 2039
Delta R.T. -0.003 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

Tgt Ion: 98 Resp: 484342
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.4

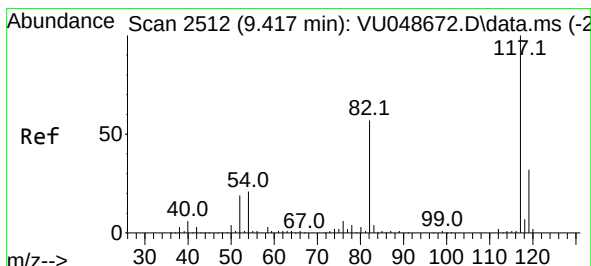
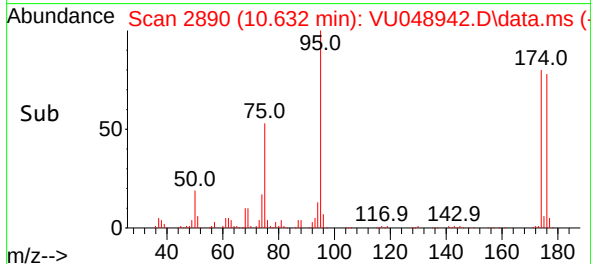
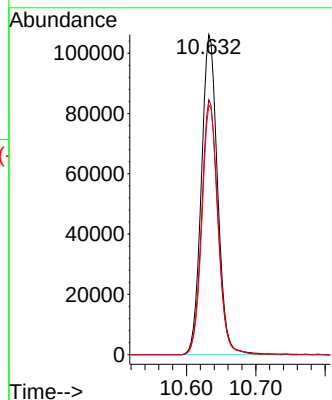
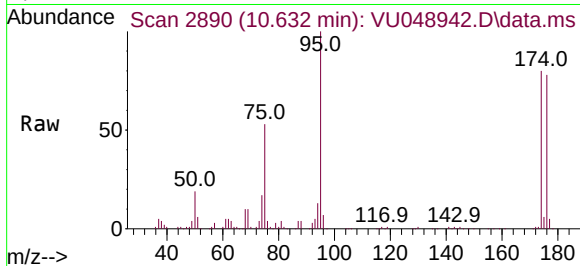




#62
4-Bromofluorobenzene
Concen: 44.391 ug/l
RT: 10.632 min Scan# 2890
Delta R.T. -0.000 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

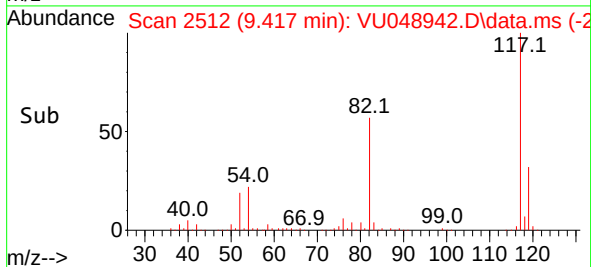
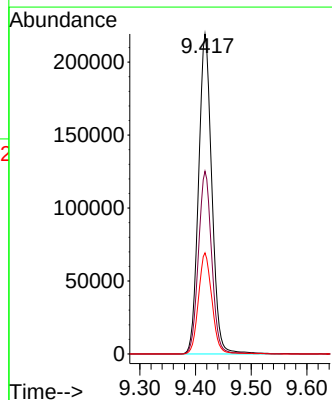
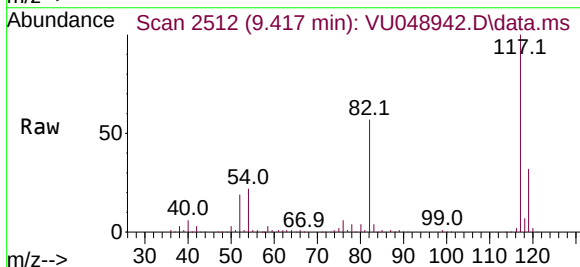
Instrument :
MSVOA_U
ClientSampleId :
DUP07-20220601

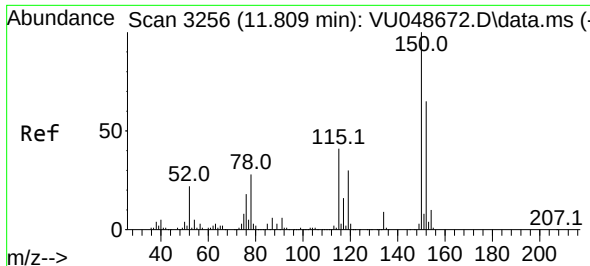
Tgt Ion: 95 Resp: 172384
Ion Ratio Lower Upper
95 100
174 80.3 0.0 159.4
176 77.8 0.0 152.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.417 min Scan# 2512
Delta R.T. -0.000 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

Tgt Ion: 117 Resp: 363057
Ion Ratio Lower Upper
117 100
82 57.1 45.3 67.9
119 31.6 25.4 38.2

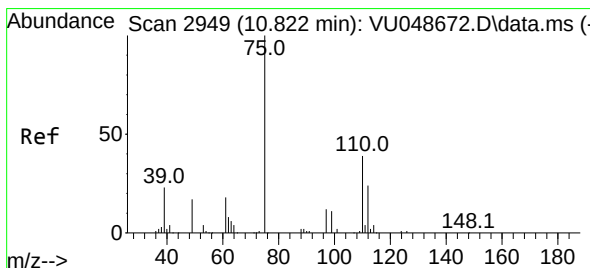
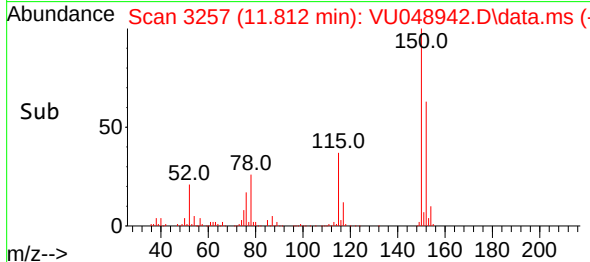
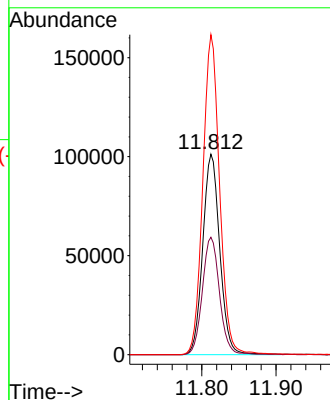
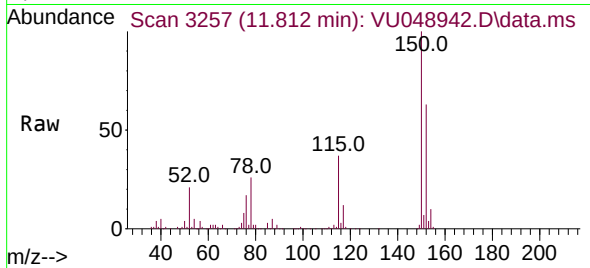




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 11.812 min Scan# 31
 Delta R.T. 0.003 min
 Lab File: VU048942.D
 Acq: 08 Jun 2022 04:35

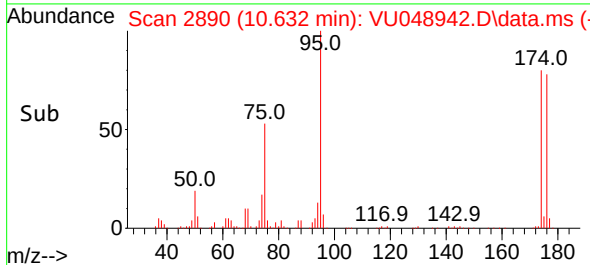
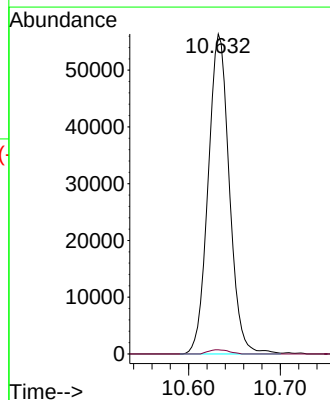
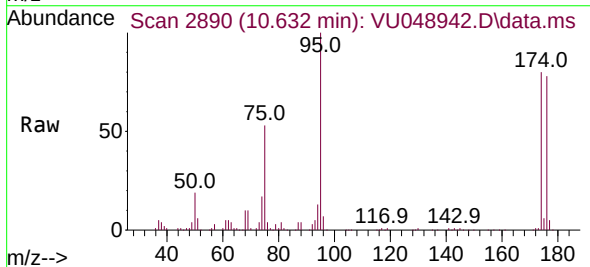
Instrument :
 MSVOA_U
 ClientSampleId :
 DUP07-20220601

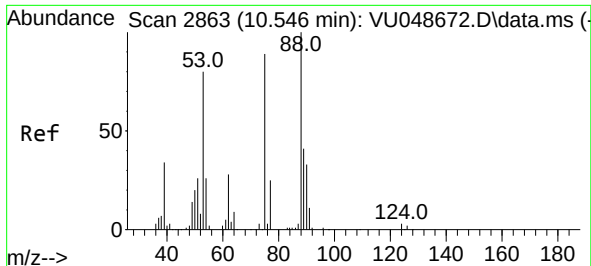
Tgt Ion:152 Resp: 161178
 Ion Ratio Lower Upper
 152 100
 115 59.0 41.8 125.4
 150 157.3 0.0 341.0



#76
 1,2,3-Trichloropropane
 Concen: 17.409 ug/l
 RT: 10.632 min Scan# 2890
 Delta R.T. -0.190 min
 Lab File: VU048942.D
 Acq: 08 Jun 2022 04:35

Tgt Ion: 75 Resp: 90470
 Ion Ratio Lower Upper
 75 100
 77 1.3 14.8 44.3#

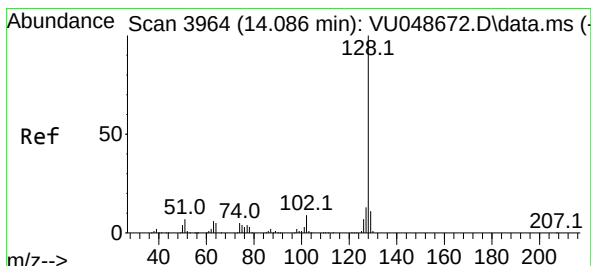
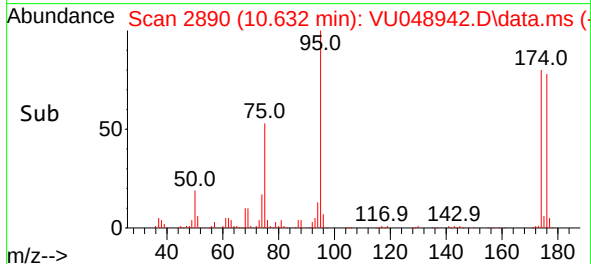
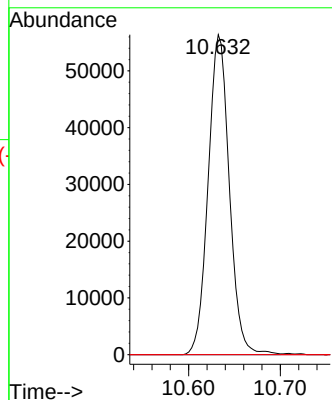
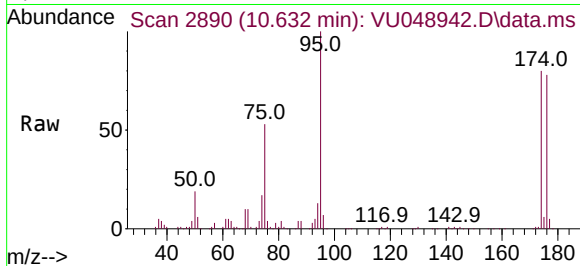




#81
trans-1,4-Dichloro-2-butene
Concen: 63.209 ug/l
RT: 10.632 min Scan# 21
Delta R.T. 0.087 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

Instrument :
MSVOA_U
ClientSampleId :
DUP07-20220601

Tgt Ion: 75 Resp: 90470
Ion Ratio Lower Upper
75 100
53 0.0 72.5 108.7#
89 0.0 37.0 55.4#



#95
Naphthalene
Concen: 2.548 ug/l
RT: 14.127 min Scan# 3977
Delta R.T. 0.041 min
Lab File: VU048942.D
Acq: 08 Jun 2022 04:35

Tgt Ion: 128 Resp: 201
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.7 13.1#

