

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110521\
 Data File : VU045569.D
 Acq On : 05 Nov 2021 19:15
 Operator : SY/MD
 Sample : M4475-06
 Misc : 5.07g/10.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DUP01

Quant Time: Nov 05 19:30:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U110521W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 05 13:35:16 2021
 Response via : Initial Calibration

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

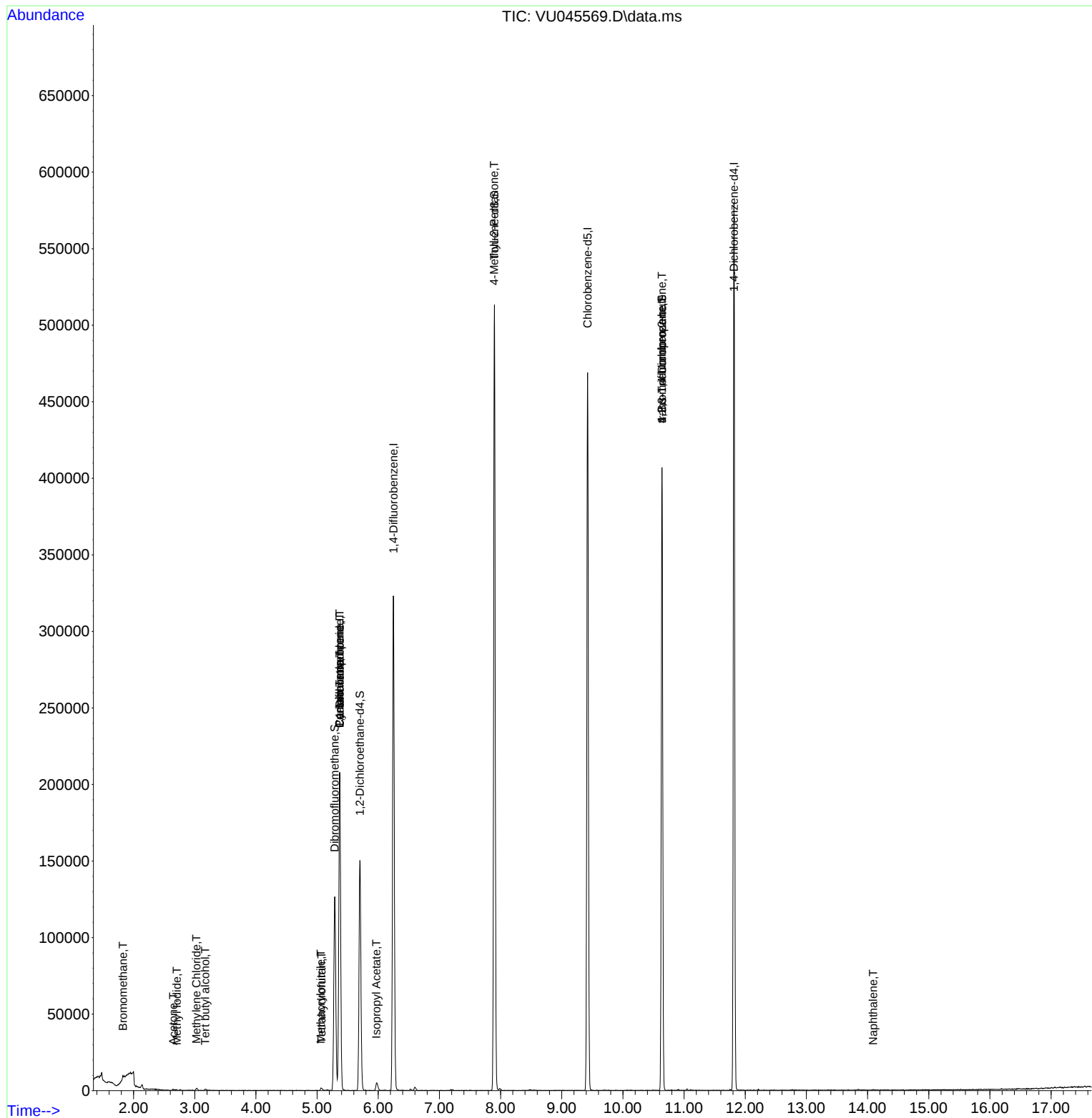
Internal Standards						
1) Pentafluorobenzene	5.369	168	137997	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.250	114	264877	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.423	117	269378	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.816	152	141059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.700	65	116361	56.304	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	112.600%
35) Dibromofluoromethane	5.288	113	86075	48.673	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.340%
50) Toluene-d8	7.899	98	347540	52.850	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.700%
62) 4-Bromofluorobenzene	10.639	95	141172	53.537	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	107.080%
Target Compounds						
					Qvalue	
5) Bromomethane	1.826	94	617	0.555	ug/l	98
10) Methyl Iodide	2.707	142	410	0.203	ug/l #	73
11) Tert butyl alcohol	3.170	59	488	1.193	ug/l #	72
16) Acetone	2.649	43	815	0.775	ug/l #	42
20) Methylene Chloride	3.028	84	674	0.369	ug/l #	94
29) Tetrahydrofuran	5.073	42	1140	1.277	ug/l #	82
31) Cyclohexane	5.369	56	3157	1.047	ug/l #	1
36) 1,1-Dichloropropene	5.369	75	12523	4.849	ug/l #	49
38) Carbon Tetrachloride	5.369	117	15235	5.851	ug/l #	16
41) Methacrylonitrile	5.063	41	550	0.351	ug/l #	29
43) Isopropyl Acetate	5.970	43	2223	0.490	ug/l #	59
51) 4-Methyl-2-Pentanone	7.896	43	1463	0.489	ug/l #	1
76) 1,2,3-Trichloropropane	10.639	75	74290	17.367	ug/l #	43
81) trans-1,4-Dichloro-2-b...	10.639	75	74290	56.480	ug/l #	12
95) Naphthalene	14.092	128	600	1.080	ug/l #	69

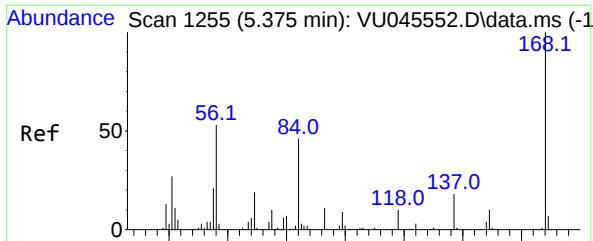
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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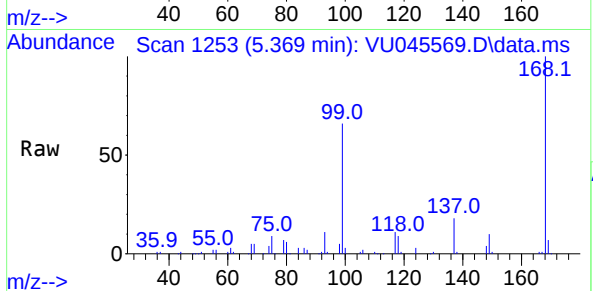
Quant Time: Nov 05 19:30:18 2021
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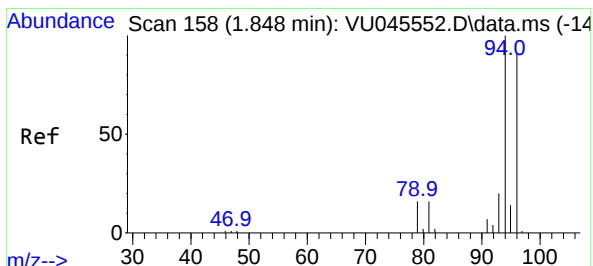
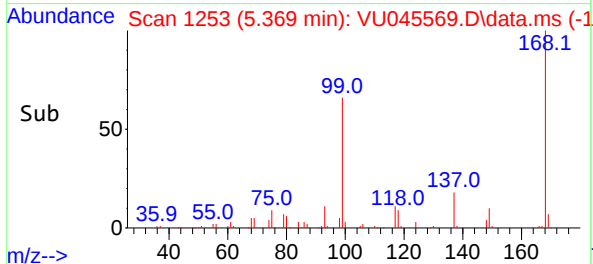
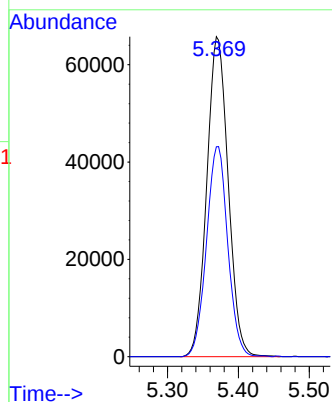


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.369 min Scan# 11
Delta R.T. -0.006 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

Instrument :
MSVOA_U
ClientSampleId :
DUP01

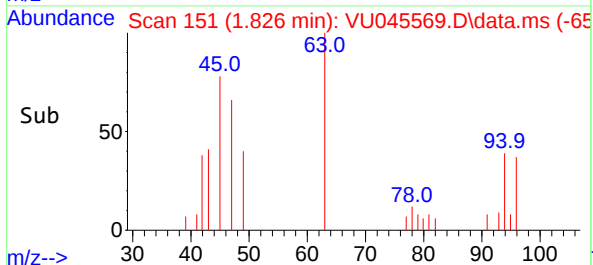
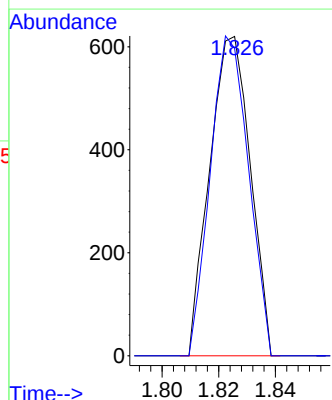
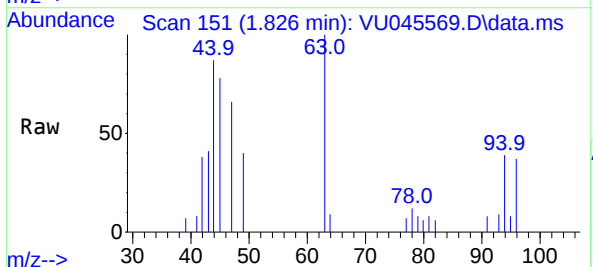


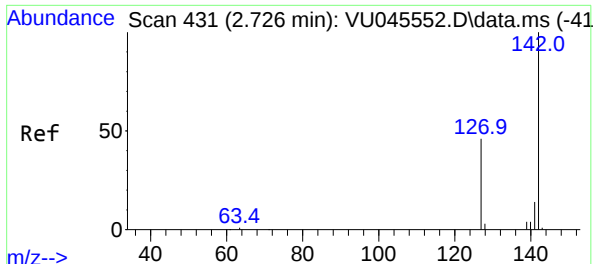
Tgt Ion:168 Resp: 137997
Ion Ratio Lower Upper
168 100
99 65.6 51.0 76.6



#5
Bromomethane
Concen: 0.555 ug/l
RT: 1.826 min Scan# 151
Delta R.T. -0.022 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

Tgt Ion: 94 Resp: 617
Ion Ratio Lower Upper
94 100
96 96.3 75.4 113.2

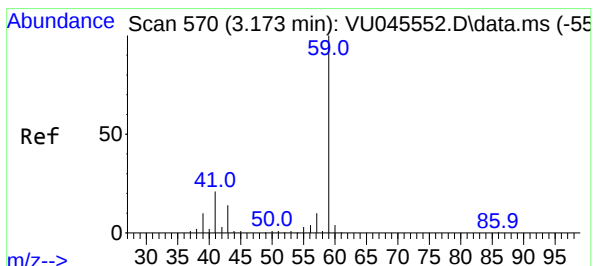
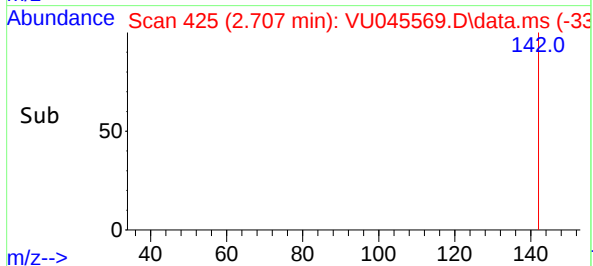
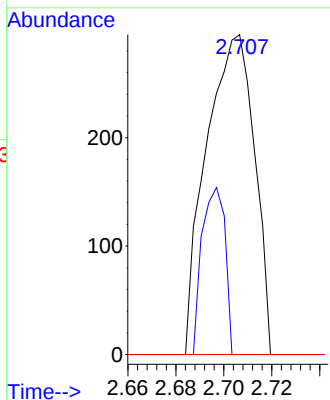
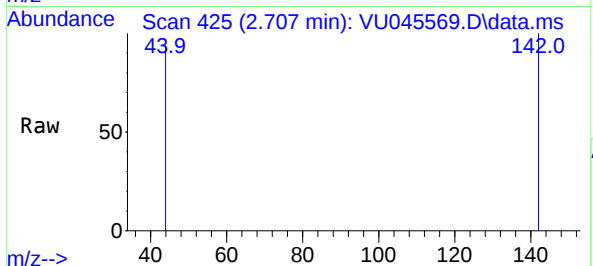




#10
Methyl Iodide
Concen: 0.203 ug/l
RT: 2.707 min Scan# 41
Delta R.T. -0.019 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

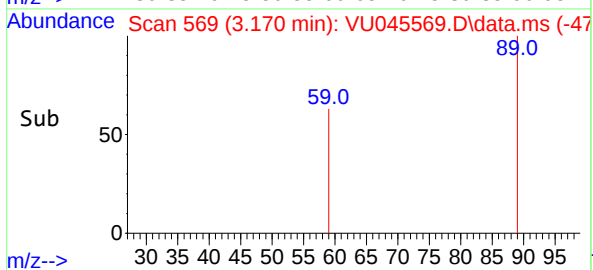
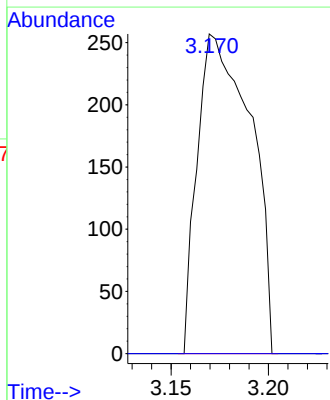
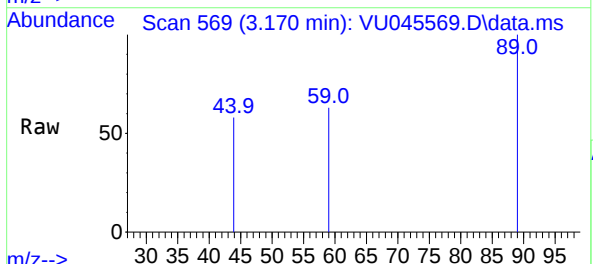
Instrument :
MSVOA_U
ClientSampleId :
DUP01

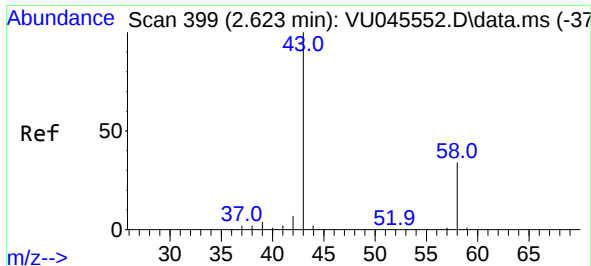
Tgt Ion:142 Resp: 410
Ion Ratio Lower Upper
142 100
127 24.9 32.2 48.2#
141 0.0 11.3 16.9#



#11
Tert butyl alcohol
Concen: 1.193 ug/l
RT: 3.170 min Scan# 569
Delta R.T. -0.003 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

Tgt Ion: 59 Resp: 488
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

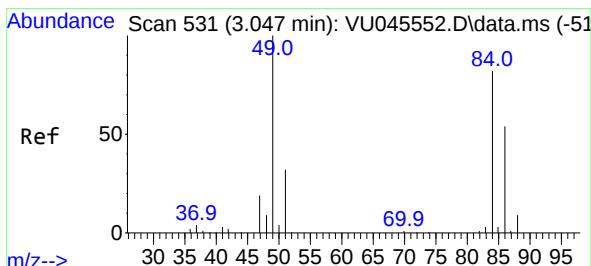
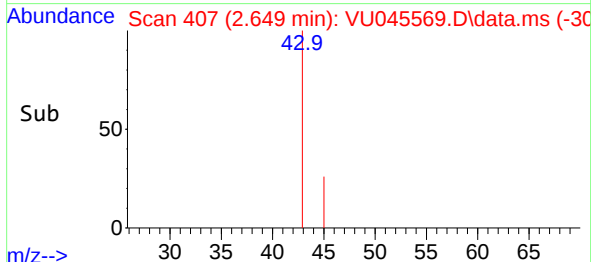
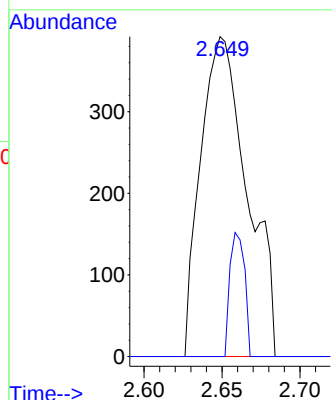
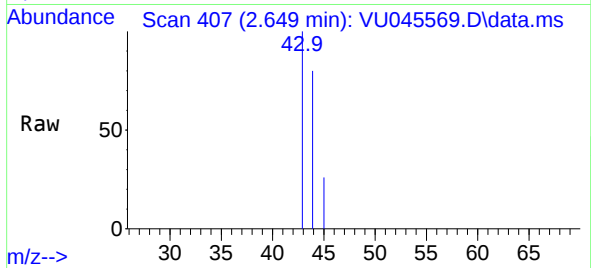




#16
Acetone
Concen: 0.775 ug/l
RT: 2.649 min Scan# 407
Delta R.T. 0.026 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

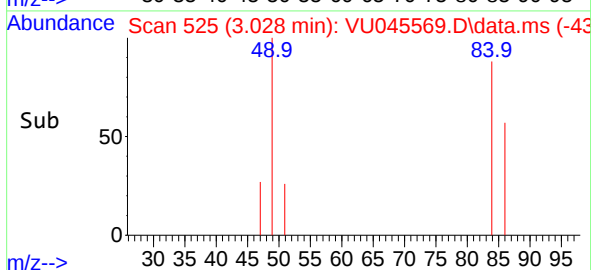
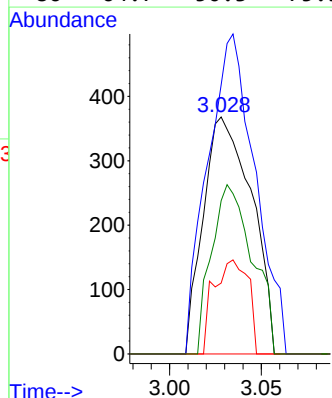
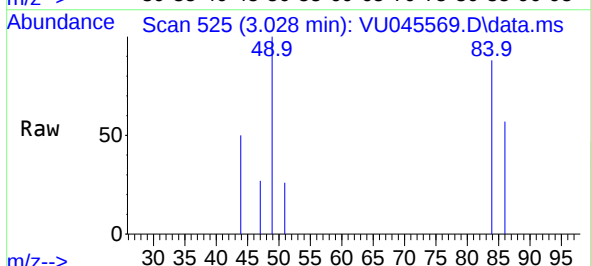
Instrument :
MSVOA_U
ClientSampleId :
DUP01

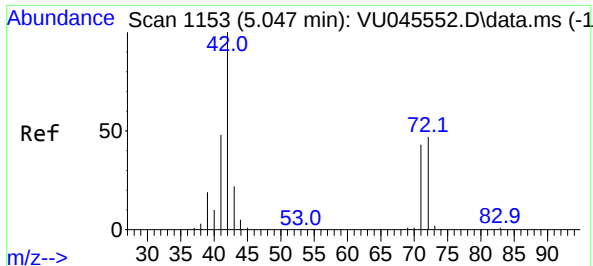
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
58 0.0 26.2 39.2#



#20
Methylene Chloride
Concen: 0.369 ug/l
RT: 3.028 min Scan# 525
Delta R.T. -0.019 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

Tgt Ion: 84 Resp: 674
Ion Ratio Lower Upper
84 100
49 113.6 96.4 144.6
51 29.9 30.5 45.7#
86 64.7 50.3 75.5





#29

Tetrahydrofuran

Concen: 1.277 ug/l

RT: 5.073 min Scan# 1153

Delta R.T. 0.026 min

Lab File: VU045569.D

Acq: 05 Nov 2021 19:15

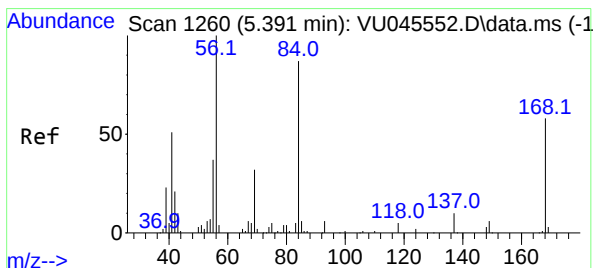
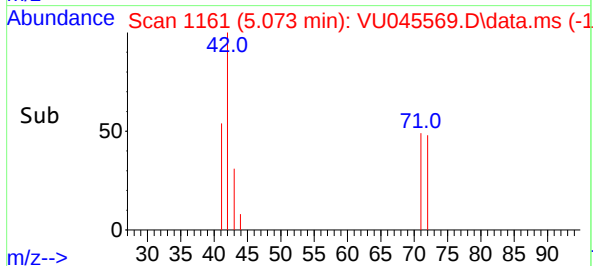
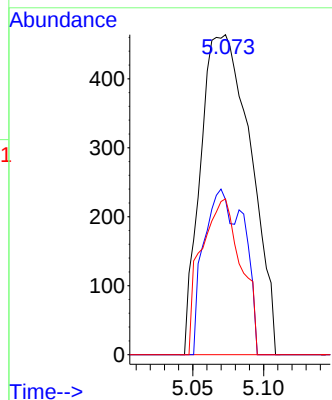
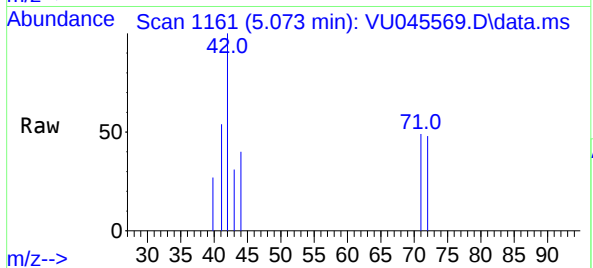
Instrument :

MSVOA_U

ClientSampleId :

DUP01

Tgt Ion:	42	Resp:	1140
Ion	Ratio	Lower	Upper
42	100		
72	29.7	38.2	57.4#
71	38.8	35.4	53.2



#31

Cyclohexane

Concen: 1.047 ug/l

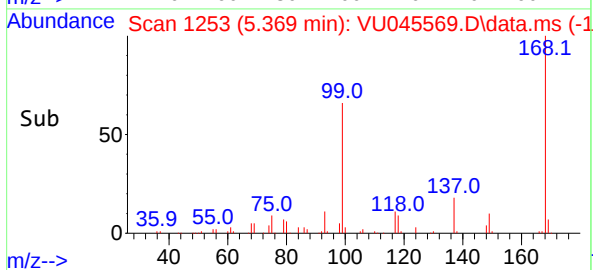
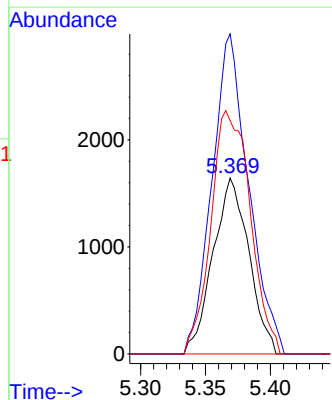
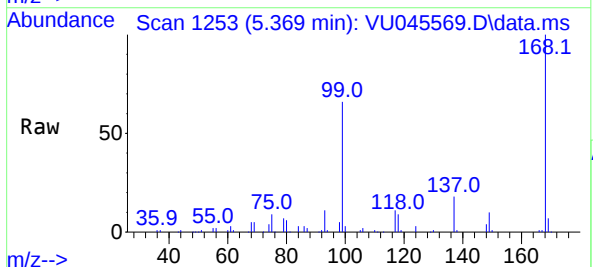
RT: 5.369 min Scan# 1253

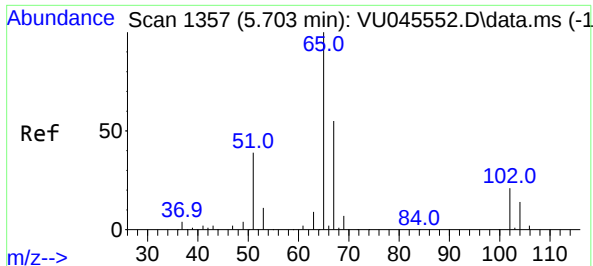
Delta R.T. -0.022 min

Lab File: VU045569.D

Acq: 05 Nov 2021 19:15

Tgt Ion:	56	Resp:	3157
Ion	Ratio	Lower	Upper
56	100		
69	182.0	26.4	39.6#
84	132.7	68.4	102.6#

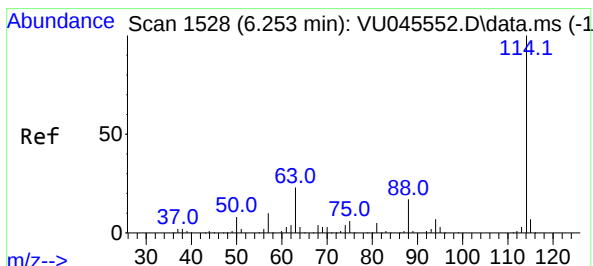
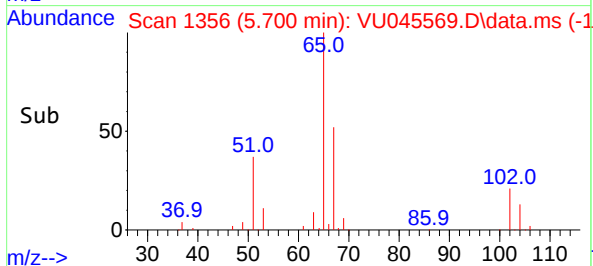
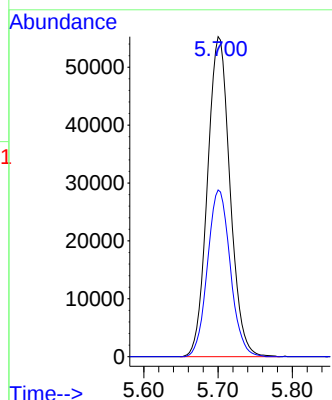
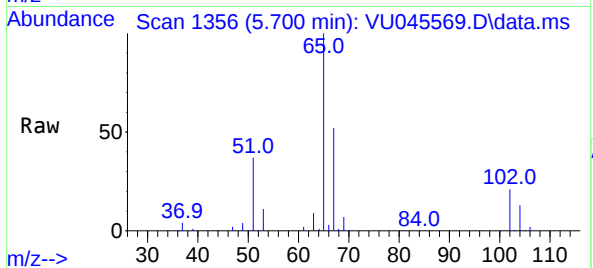




#33
1,2-Dichloroethane-d4
Concen: 56.304 ug/l
RT: 5.700 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

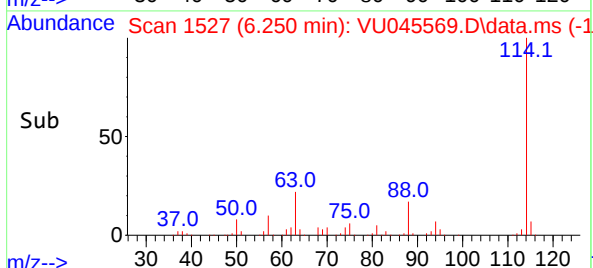
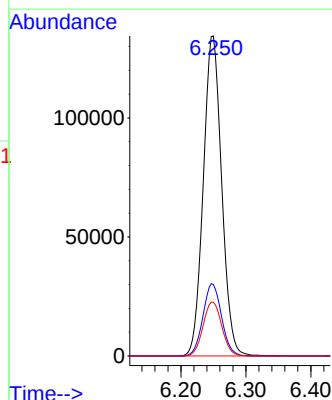
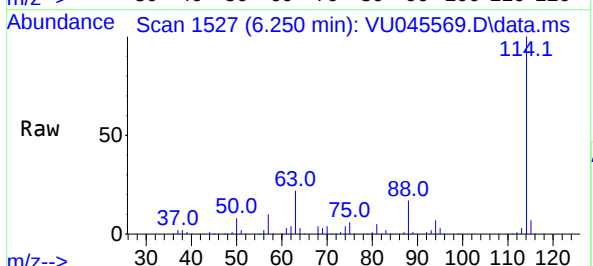
Instrument :
MSVOA_U
ClientSampleId :
DUP01

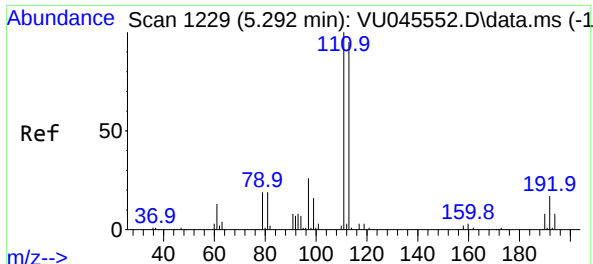
Tgt Ion: 65 Resp: 116361
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.250 min Scan# 1527
Delta R.T. -0.003 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

Tgt Ion: 114 Resp: 264877
Ion Ratio Lower Upper
114 100
63 22.3 0.0 45.6
88 16.8 0.0 33.8





#35

Dibromofluoromethane

Concen: 48.673 ug/l

RT: 5.288 min Scan# 11

Delta R.T. -0.003 min

Lab File: VU045569.D

Acq: 05 Nov 2021 19:15

Instrument :

MSVOA_U

ClientSampleId :

DUP01

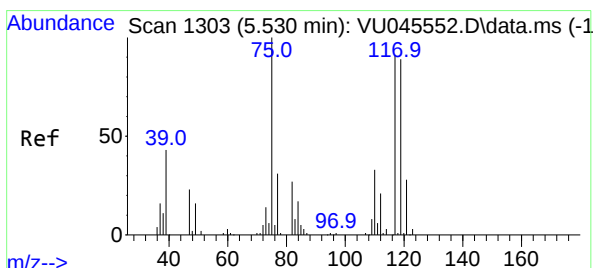
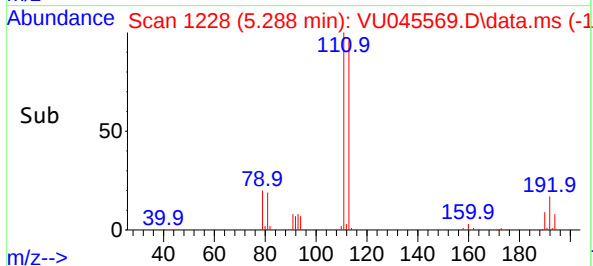
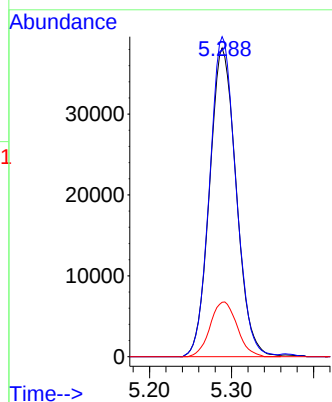
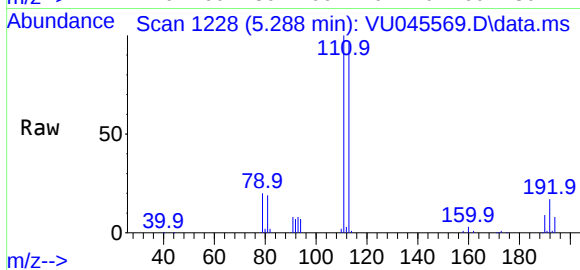
Tgt Ion:113 Resp: 86075

Ion Ratio Lower Upper

113 100

111 102.1 82.8 124.2

192 17.9 14.8 22.2



#36

1,1-Dichloropropene

Concen: 4.849 ug/l

RT: 5.369 min Scan# 1253

Delta R.T. -0.161 min

Lab File: VU045569.D

Acq: 05 Nov 2021 19:15

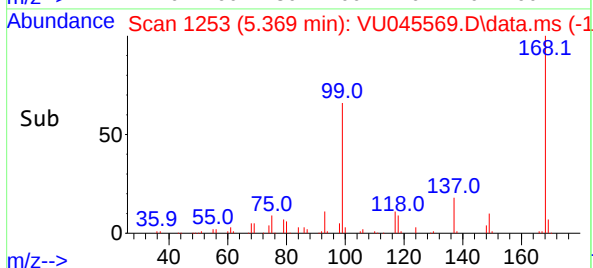
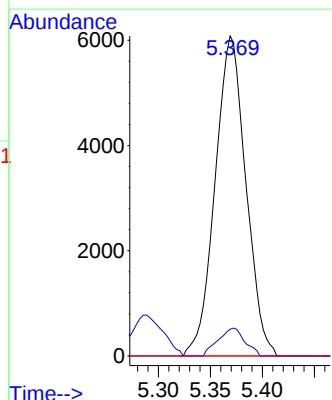
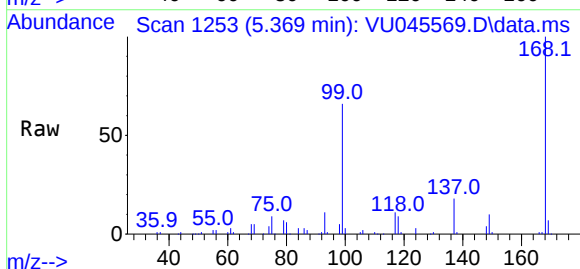
Tgt Ion: 75 Resp: 12523

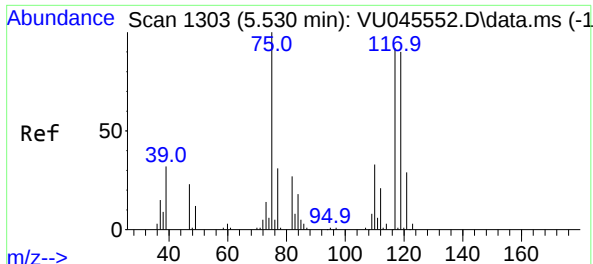
Ion Ratio Lower Upper

75 100

110 7.5 16.7 50.0#

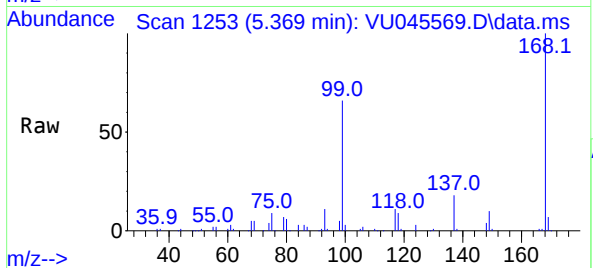
77 0.0 25.0 37.4#



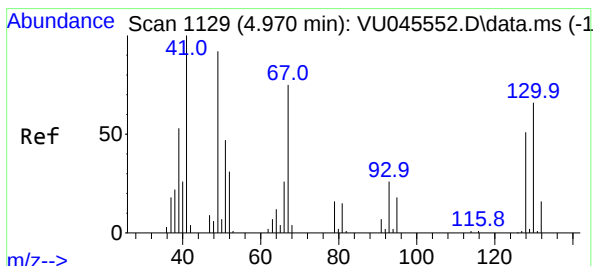
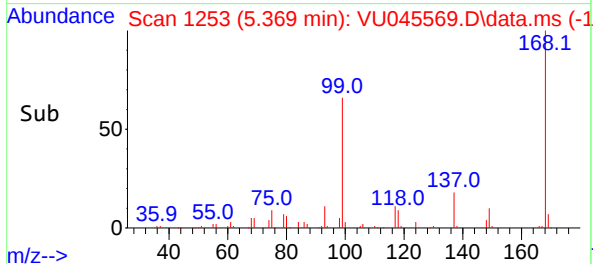
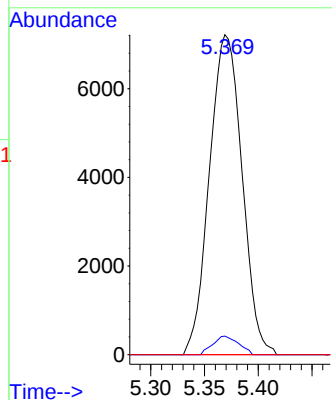


#38
Carbon Tetrachloride
Concen: 5.851 ug/l
RT: 5.369 min Scan# 1158
Delta R.T. -0.161 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

Instrument :
MSVOA_U
ClientSampleId :
DUP01

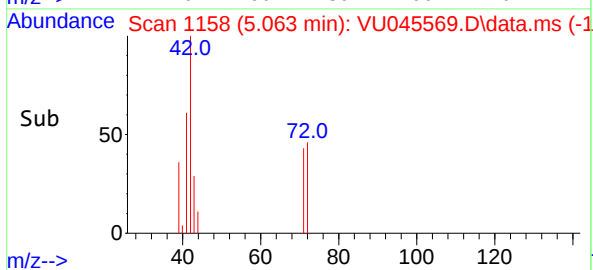
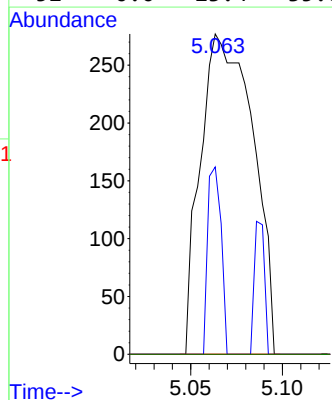
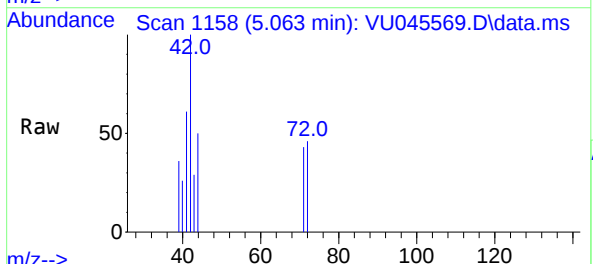


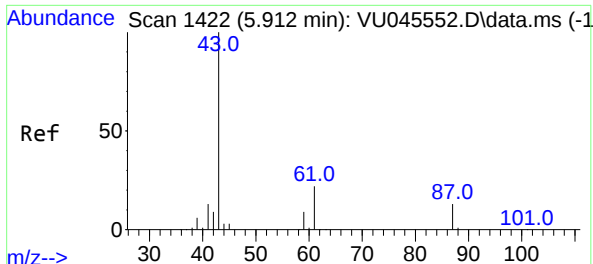
Tgt Ion:117 Resp: 15235
Ion Ratio Lower Upper
117 100
119 5.8 77.4 116.0#
121 0.0 24.8 37.2#



#41
Methacrylonitrile
Concen: 0.351 ug/l
RT: 5.063 min Scan# 1158
Delta R.T. 0.093 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

Tgt Ion: 41 Resp: 550
Ion Ratio Lower Upper
41 100
39 15.1 43.4 65.0#
67 0.0 61.0 91.4#
52 0.0 23.4 35.0#





#43

Isopropyl Acetate

Concen: 0.490 ug/l

RT: 5.970 min Scan# 14

Delta R.T. 0.058 min

Lab File: VU045569.D

Acq: 05 Nov 2021 19:15

Instrument :

MSVOA_U

ClientSampleId :

DUP01

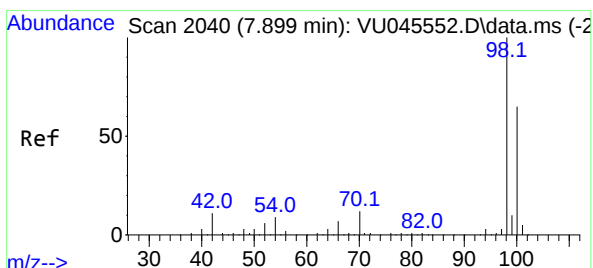
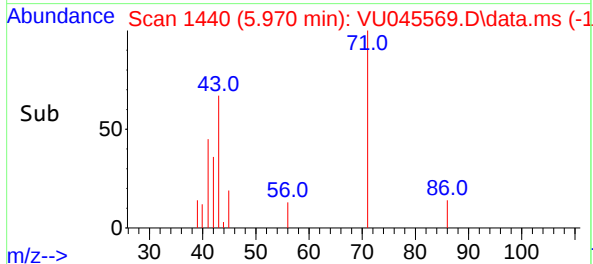
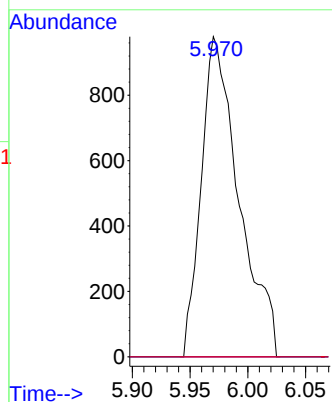
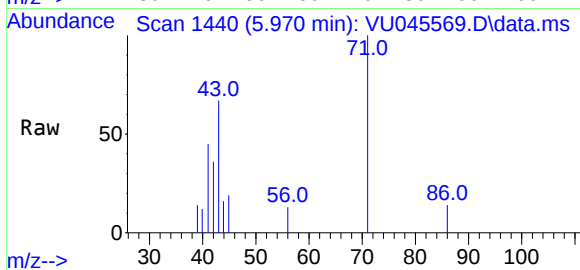
Tgt Ion: 43 Resp: 2223

Ion Ratio Lower Upper

43 100

61 0.0 16.9 25.3#

87 0.0 11.0 16.4#



#50

Toluene-d8

Concen: 52.850 ug/l

RT: 7.899 min Scan# 2040

Delta R.T. 0.000 min

Lab File: VU045569.D

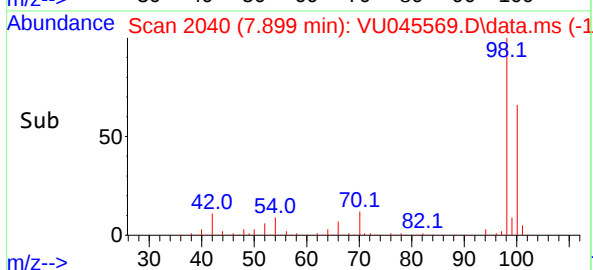
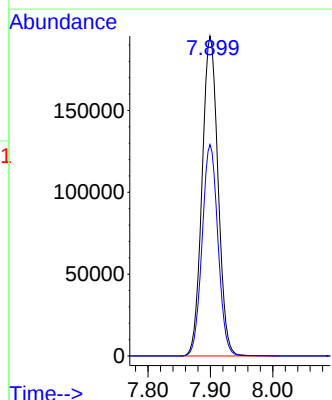
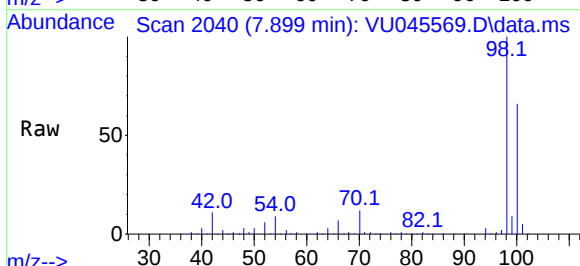
Acq: 05 Nov 2021 19:15

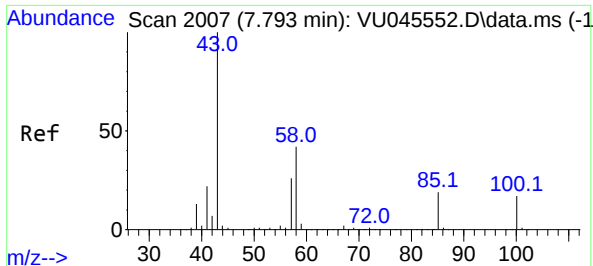
Tgt Ion: 98 Resp: 347540

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7





#51

4-Methyl-2-Pentanone

Concen: 0.489 ug/l

RT: 7.896 min Scan# 2007

Delta R.T. 0.103 min

Lab File: VU045569.D

Acq: 05 Nov 2021 19:15

Instrument :

MSVOA_U

ClientSampleId :

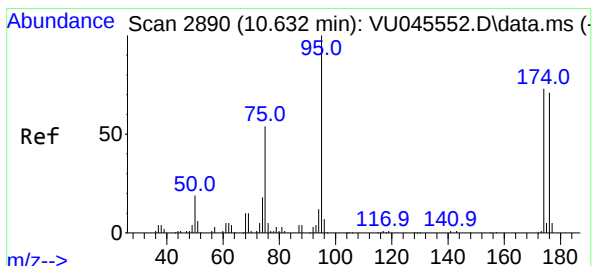
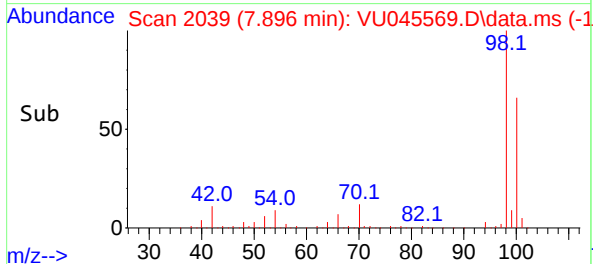
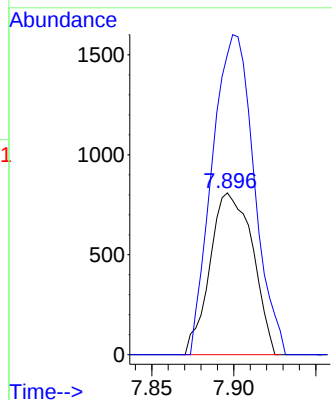
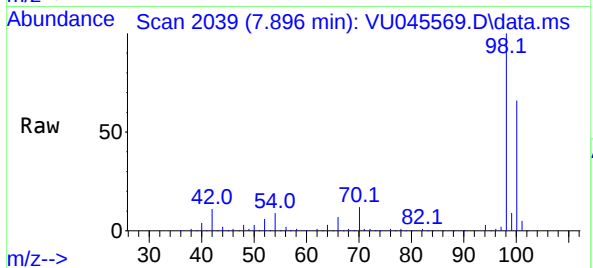
DUP01

Tgt Ion: 43 Resp: 1463

Ion Ratio Lower Upper

43 100

58 194.1 33.8 50.8#



#62

4-Bromofluorobenzene

Concen: 53.537 ug/l

RT: 10.639 min Scan# 2892

Delta R.T. 0.006 min

Lab File: VU045569.D

Acq: 05 Nov 2021 19:15

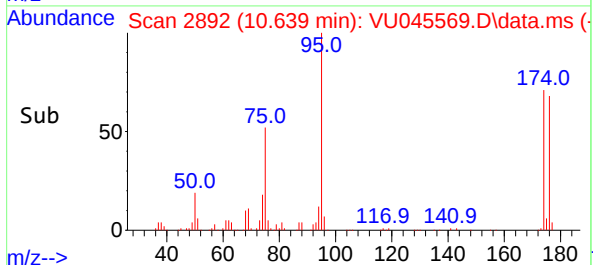
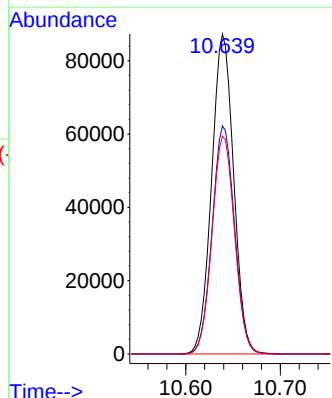
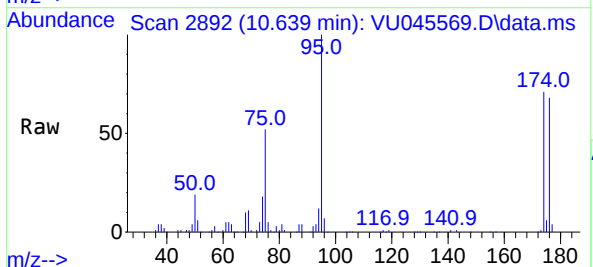
Tgt Ion: 95 Resp: 141172

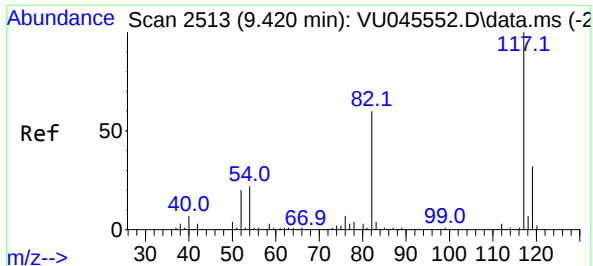
Ion Ratio Lower Upper

95 100

174 72.6 0.0 141.8

176 69.5 0.0 138.2

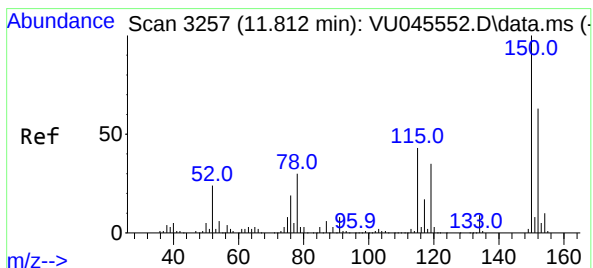
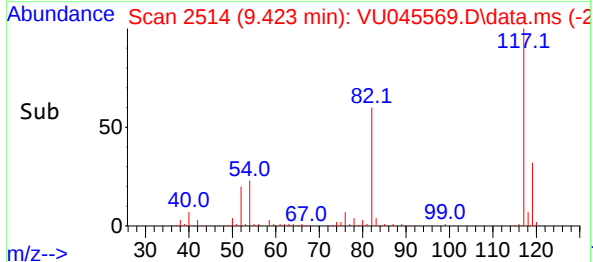
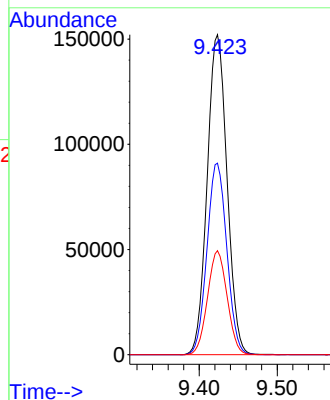
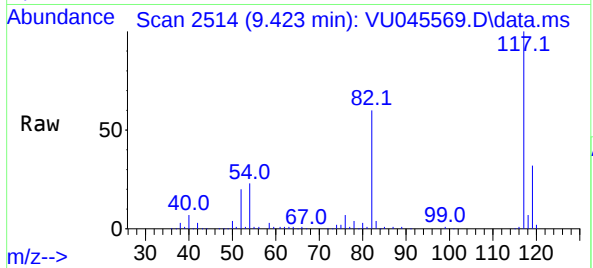




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.423 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

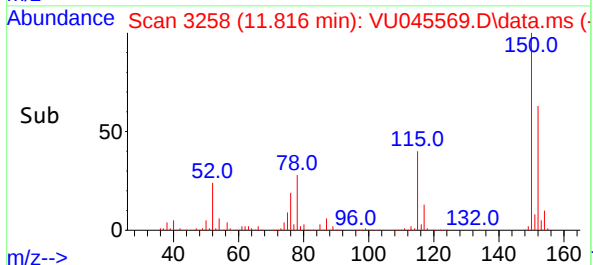
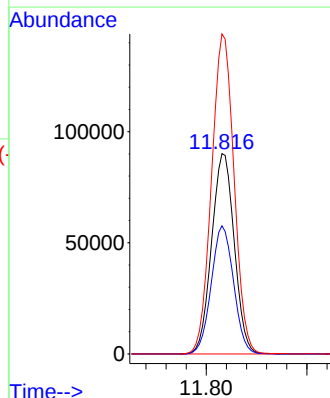
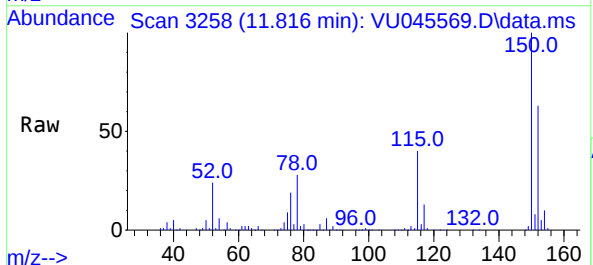
Instrument :
MSVOA_U
ClientSampleId :
DUP01

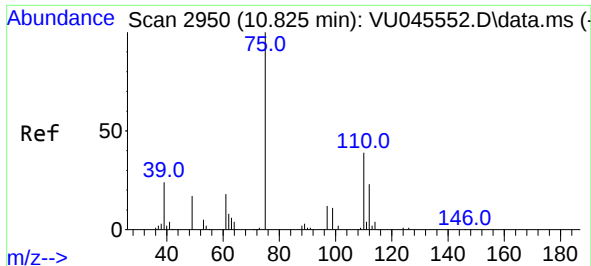
Tgt Ion:117 Resp: 269378
Ion Ratio Lower Upper
117 100
82 59.8 47.8 71.8
119 32.5 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.816 min Scan# 3258
Delta R.T. 0.003 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

Tgt Ion:152 Resp: 141059
Ion Ratio Lower Upper
152 100
115 63.0 42.7 128.1
150 158.5 0.0 346.8

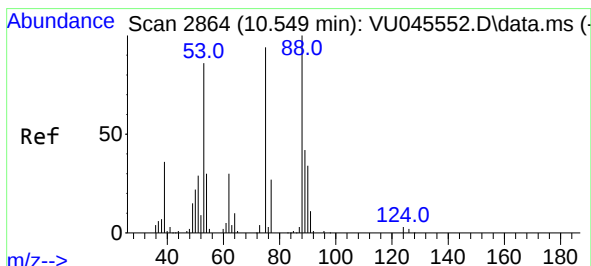
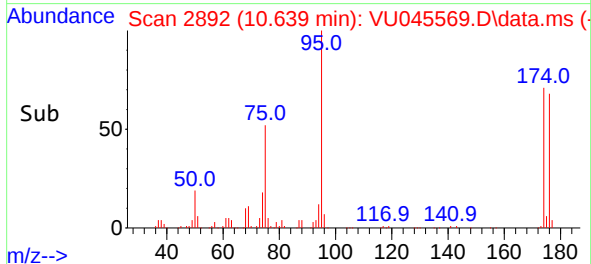
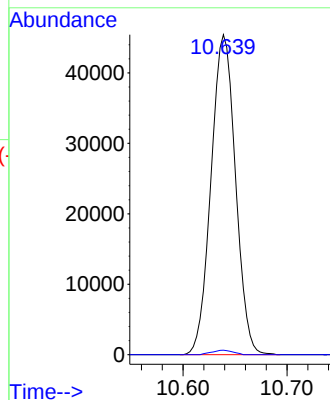
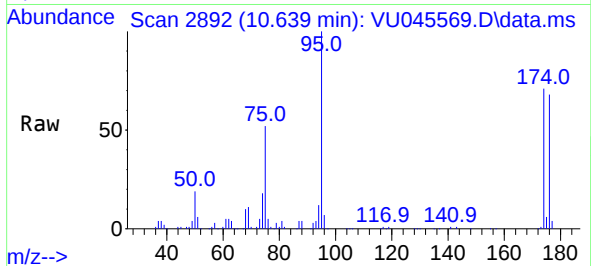




#76
1,2,3-Trichloropropane
Concen: 17.367 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. -0.186 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

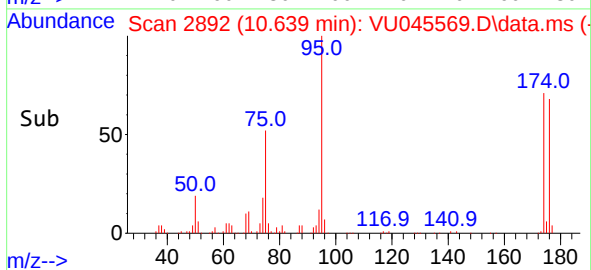
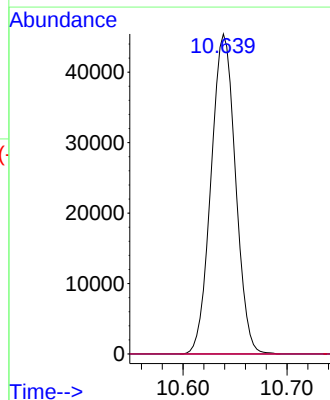
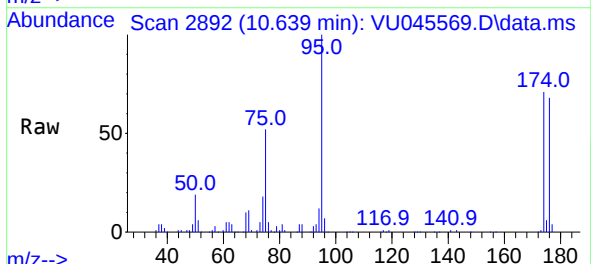
Instrument :
MSVOA_U
ClientSampleId :
DUP01

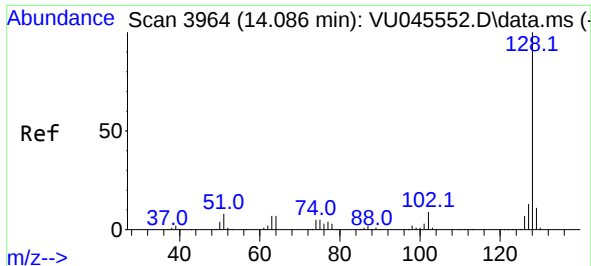
Tgt Ion: 75 Resp: 74290
Ion Ratio Lower Upper
75 100
77 1.2 17.1 51.3#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.480 ug/l
RT: 10.639 min Scan# 2892
Delta R.T. 0.090 min
Lab File: VU045569.D
Acq: 05 Nov 2021 19:15

Tgt Ion: 75 Resp: 74290
Ion Ratio Lower Upper
75 100
53 0.0 76.2 114.4#
89 0.0 34.0 51.0#





#95

Naphthalene

Concen: 1.080 ug/l

RT: 14.092 min Scan# 3966

Delta R.T. 0.006 min

Lab File: VU045569.D

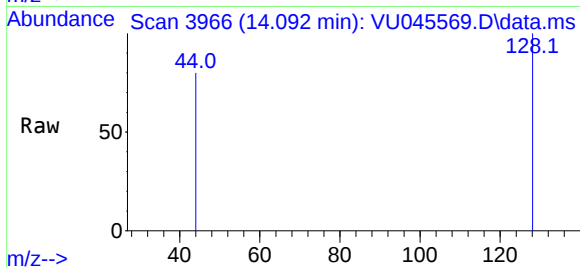
Acq: 05 Nov 2021 19:15

Instrument :

MSVOA_U

ClientSampleId :

DUP01



Tgt Ion:	128	Resp:	600
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	0.0	8.6	13.0#

