

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU020321\
 Data File : VU042235.D
 Acq On : 03 Feb 2021 16:13
 Operator : SY/MD
 Sample : M1259-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E53

Quant Time: Feb 04 04:22:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR012021WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Feb 04 04:20:04 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	107641	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	100798	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.819	152	53014	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	20096	2.89	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.80%
7) Chloroethane-d5	1.919	69	18544	3.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	66.40%
11) 1,1-Dichloroethene-d2	2.575	63	37011	2.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.40%#
20) 2-Butanone-d5	4.645	46	124003	48.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.88%
24) Chloroform-d	5.073	84	59185	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
26) 1,2-Dichloroethane-d4	5.713	65	38268	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.739	84	106681	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.00%
36) 1,2-Dichloropropane-d6	6.700	67	36560	4.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.20%
41) Toluene-d8	7.906	98	97278	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloroprop...	8.189	79	16110	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.645	63	91793	48.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.98%
57) 1,1,2,2-Tetrachloroeth...	10.764	84	33135	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.201	152	43804	4.60	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.00%
Target Compounds						Qvalue
3) Chloromethane	1.520	50	560	0.06	ug/L	87
12) 1,1-Dichloroethene	2.575	96	402	0.06	ug/L #	1
13) Acetone	2.655	43	14991	8.88	ug/L	91
25) Chloroform	5.096	83	1003	0.07	ug/L	91
35) Methylcyclohexane	6.700	83	8507	0.63	ug/L #	15
37) 1,2-Dichloropropane	6.700	63	4256	0.54	ug/L #	87
39) cis-1,3-Dichloropropene	7.575	75	1256	0.10	ug/L #	68
44) trans-1,3-Dichloropropene	8.189	75	916	0.08	ug/L #	61
47) Tetrachloroethene	8.562	164	953	0.14	ug/L	90
48) 2-Hexanone	8.645	43	12572	2.71	ug/L #	68
49) Dibromochloromethane	8.558	129	786	0.10	ug/L #	12
56) Isopropylbenzene	10.491	105	1599	0.04	ug/L #	80
59) 1,2,3-Trichloropropane	11.754	75	403	0.07	ug/L	93
62) 1,3-Dichlorobenzene	11.754	146	1667	0.10	ug/L	95
68) 1,2,4-trichlorobenzene	13.854	180	311	0.03	ug/L #	58
69) Naphthalene	14.102	128	2172	0.14	ug/L #	93
70) 1,2,3-Trichlorobenzene	14.340	180	2762	0.30	ug/L	96

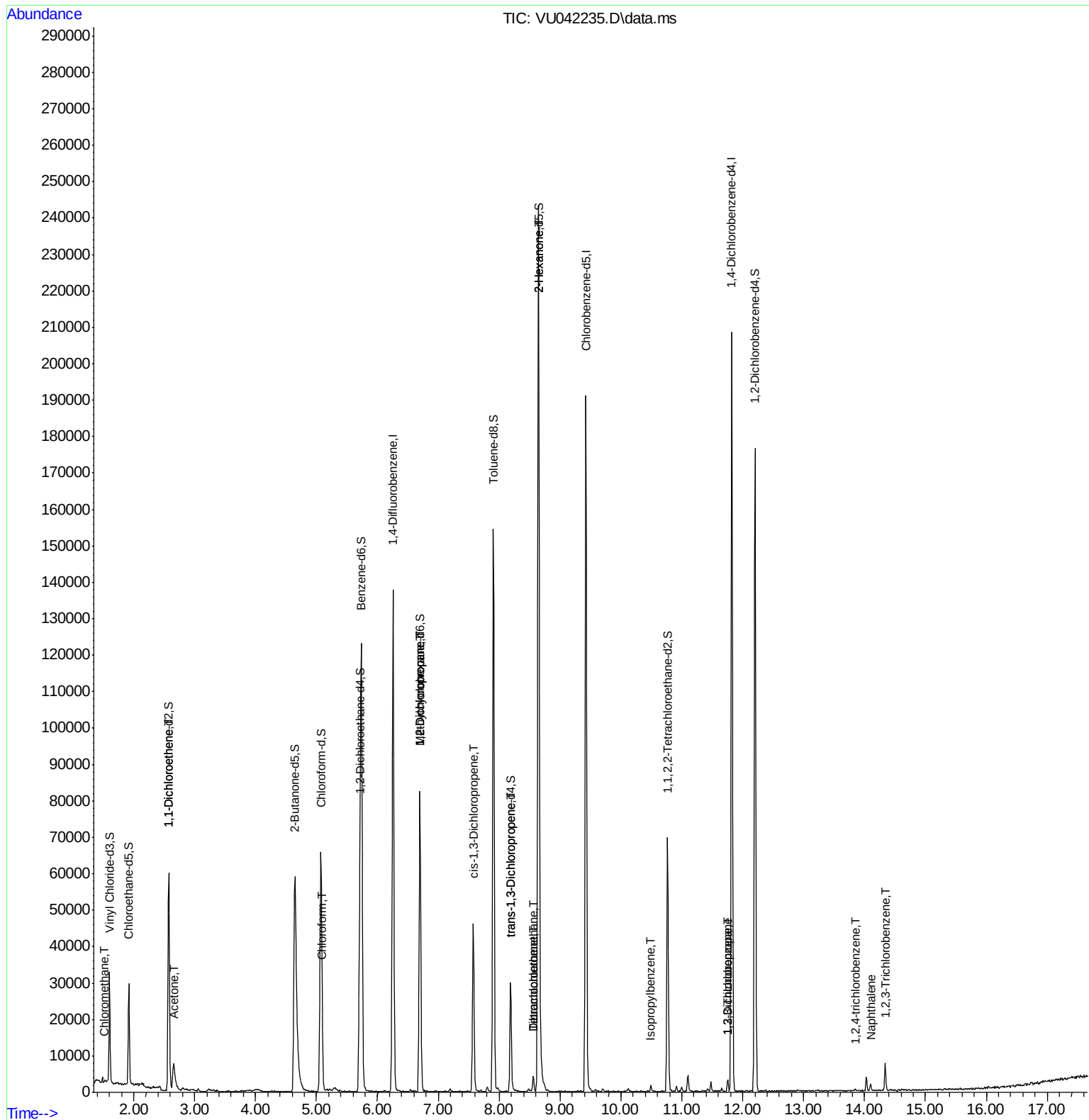
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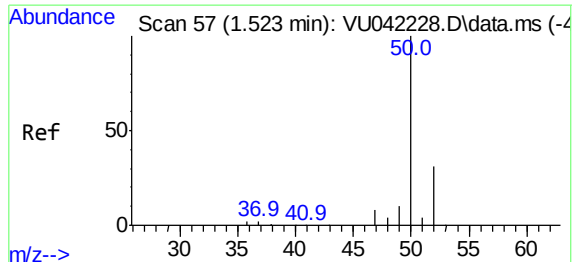
Instrument :
MSVOA_U
ClientSampleId :
F1E53

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QLast Update : Thu Feb 04 04:20:04 2021
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.06 ug/L

RT: 1.520 min Scan# 56

Delta R.T. -0.003 min

Lab File: VU042235.D

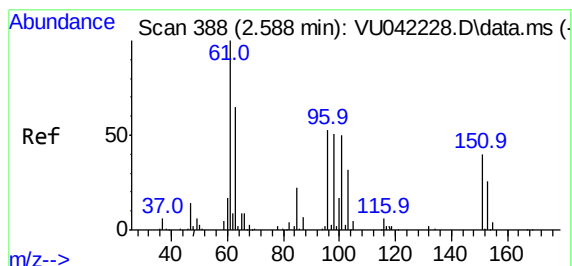
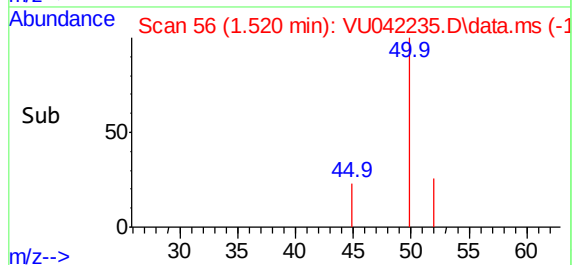
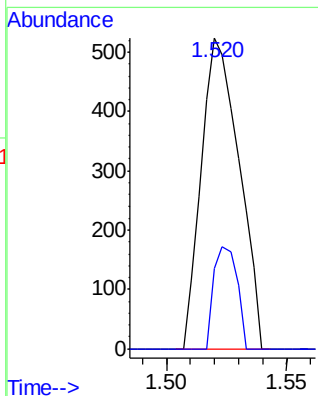
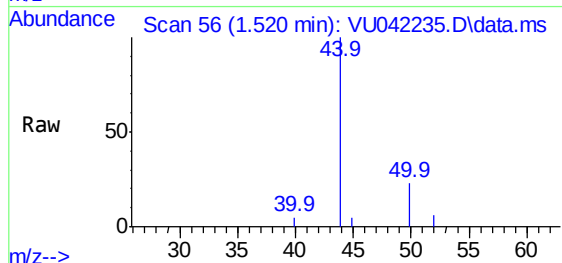
Acq: 03 Feb 2021 16:13

Tgt Ion: 50 Resp: 560

Ion Ratio Lower Upper

50 100

52 25.8 23.0 42.8



#12

1,1-Dichloroethene

Concen: 0.06 ug/L

RT: 2.575 min Scan# 384

Delta R.T. -0.013 min

Lab File: VU042235.D

Acq: 03 Feb 2021 16:13

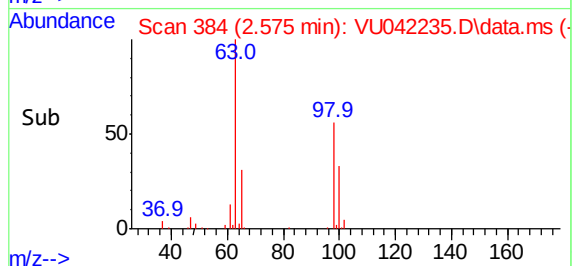
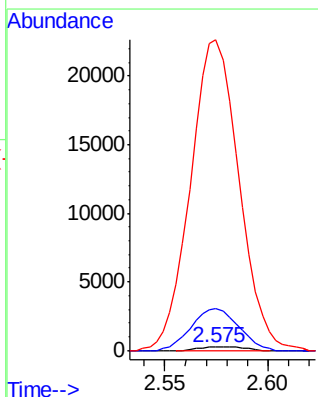
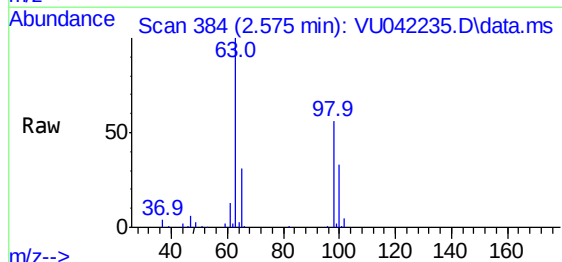
Tgt Ion: 96 Resp: 402

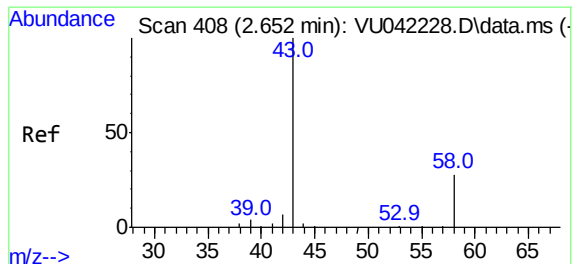
Ion Ratio Lower Upper

96 100

61 1209.6 126.2 234.4#

63 9095.6 77.8 144.4#

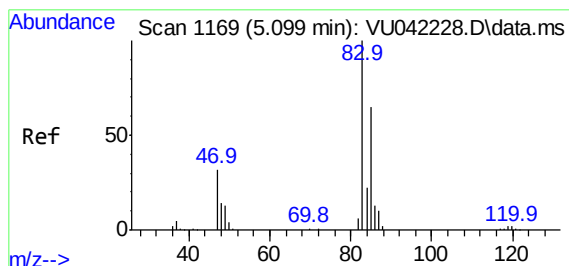
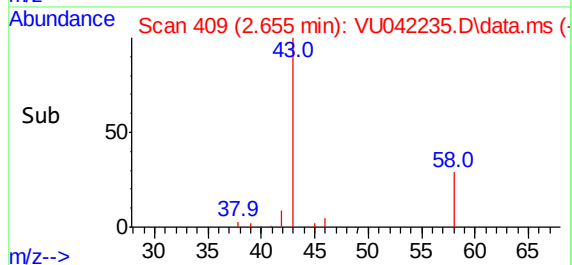
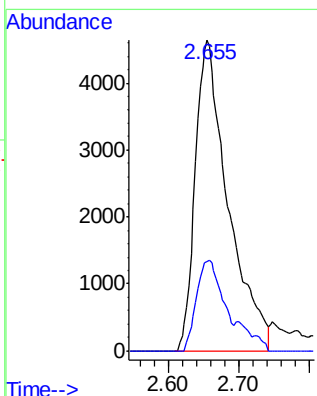
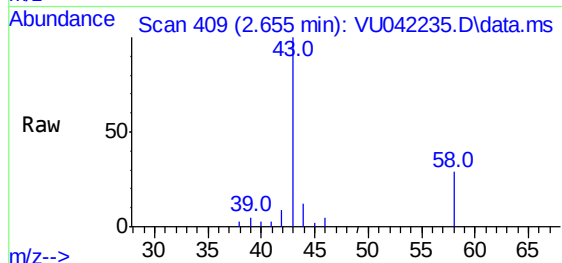




#13
Acetone
Concen: 8.88 ug/L
RT: 2.655 min Scan# 409
Delta R.T. 0.003 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

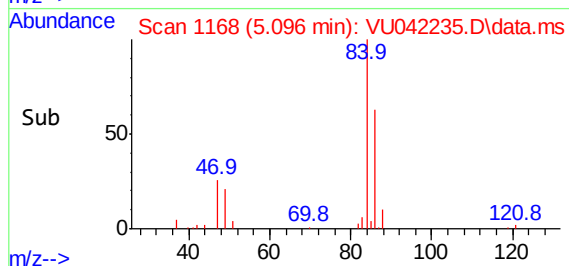
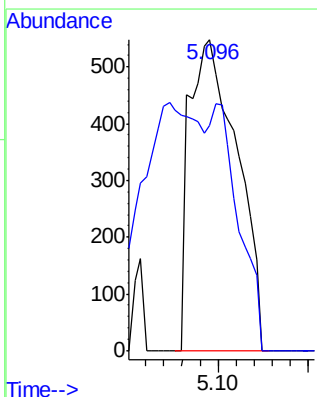
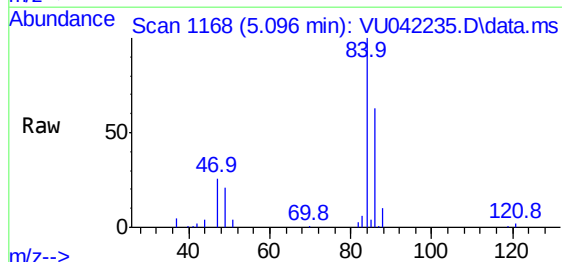
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MSVOA_U
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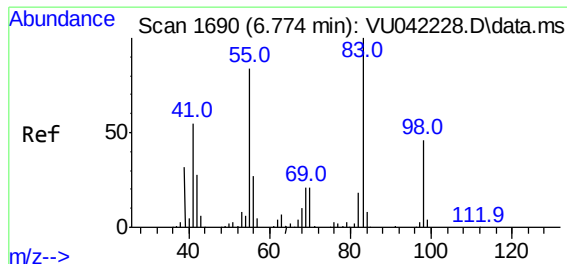
Tgt Ion: 43 Resp: 14991
Ion Ratio Lower Upper
43 100
58 23.3 0.0 55.8



#25
Chloroform
Concen: 0.07 ug/L
RT: 5.096 min Scan# 1168
Delta R.T. -0.003 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

Tgt Ion: 83 Resp: 1003
Ion Ratio Lower Upper
83 100
85 72.4 45.7 84.9

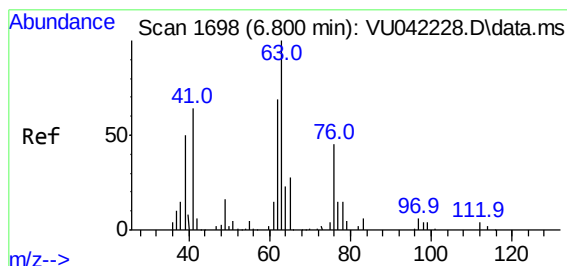
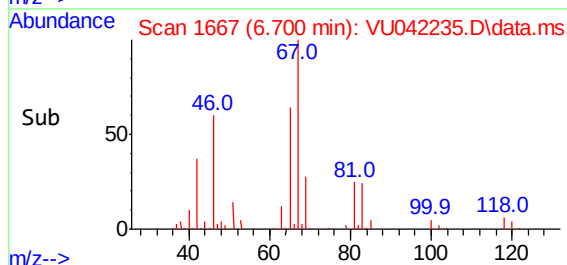
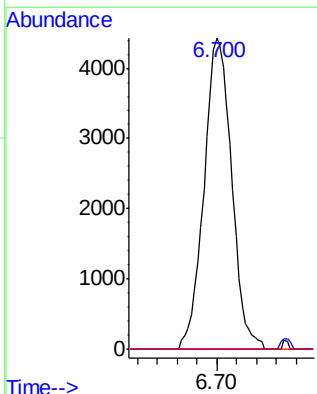
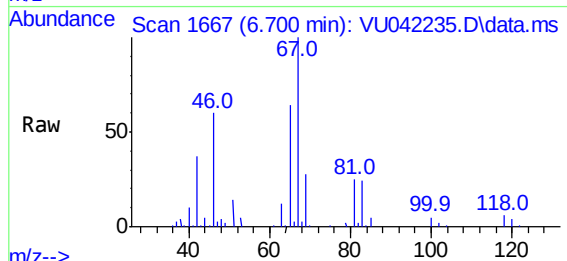




#35
Methylcyclohexane
Concen: 0.63 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.074 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

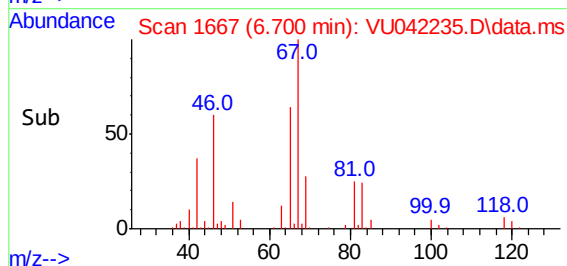
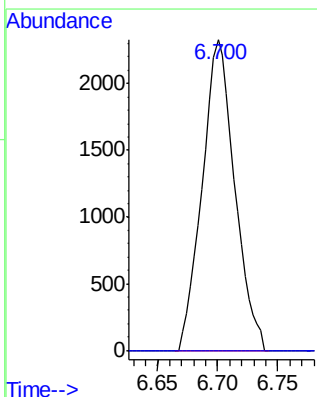
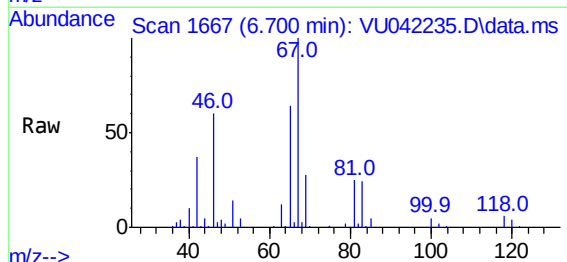
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MSVOA_U
ClientSampleId :
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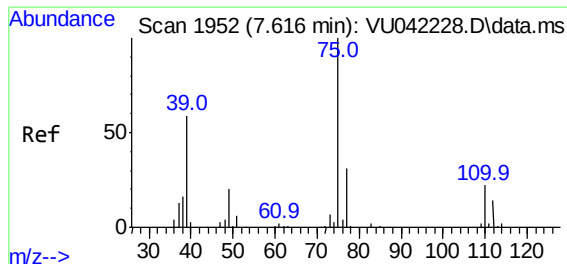
Tgt Ion: 83 Resp: 8507
Ion Ratio Lower Upper
83 100
55 1.1 68.2 102.4#
98 0.0 39.7 59.5#



#37
1,2-Dichloropropane
Concen: 0.54 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

Tgt Ion: 63 Resp: 4256
Ion Ratio Lower Upper
63 100
112 0.0 3.4 5.0#

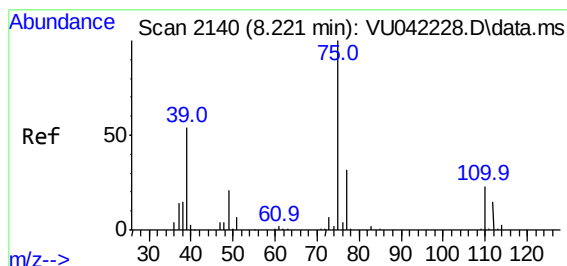
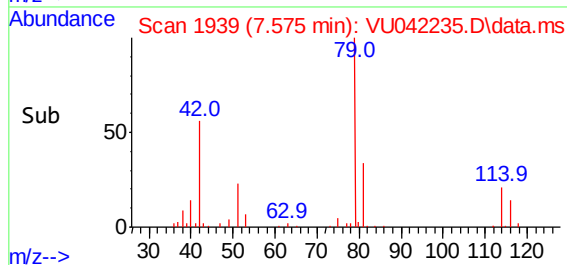
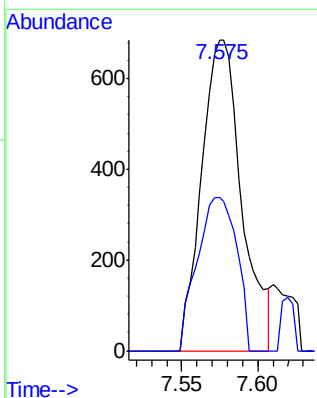
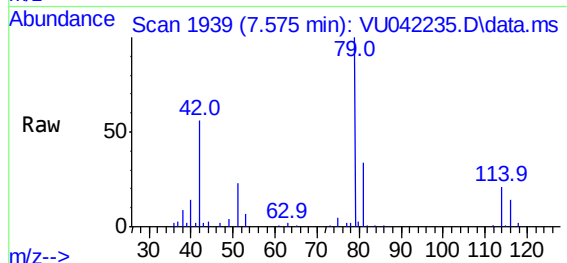




#39
cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

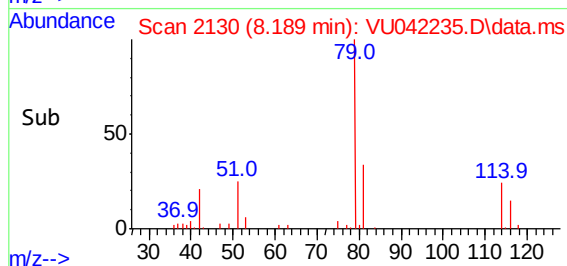
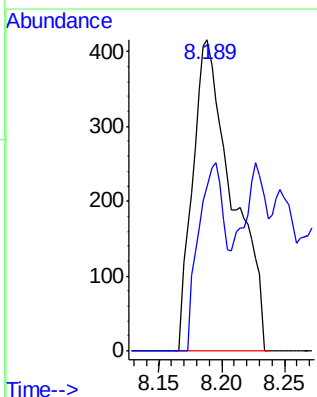
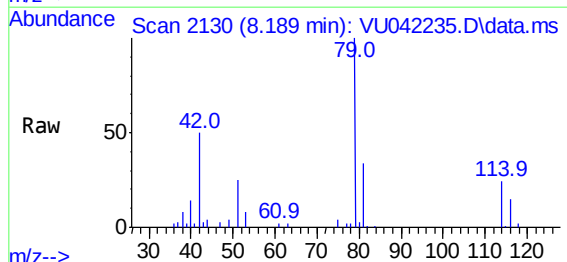
Instrument :
MSVOA_U
ClientSampleId :
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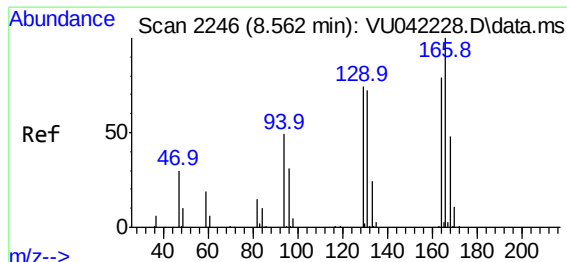
Tgt Ion: 75 Resp: 1256
Ion Ratio Lower Upper
75 100
77 49.2 22.0 40.8#



#44
trans-1,3-Dichloropropene
Concen: 0.08 ug/L
RT: 8.189 min Scan# 2130
Delta R.T. -0.032 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

Tgt Ion: 75 Resp: 916
Ion Ratio Lower Upper
75 100
77 52.6 21.8 40.4#





#47

Tetrachloroethene

Concen: 0.14 ug/L

RT: 8.562 min Scan# 2246

Delta R.T. 0.000 min

Lab File: VU042235.D

Acq: 03 Feb 2021 16:13

Tgt Ion:164 Resp: 953

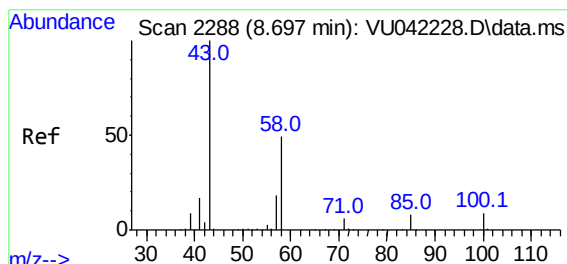
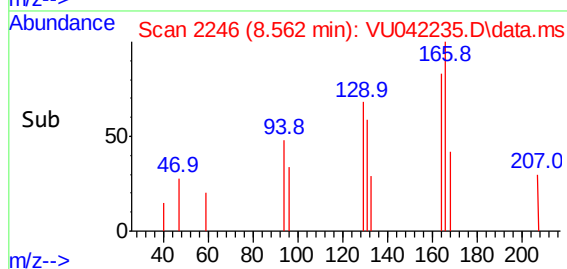
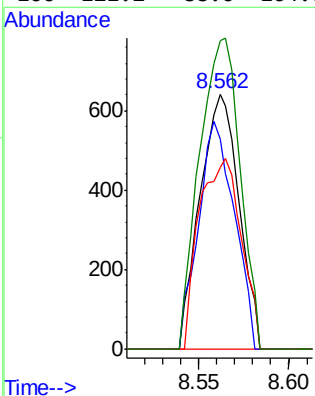
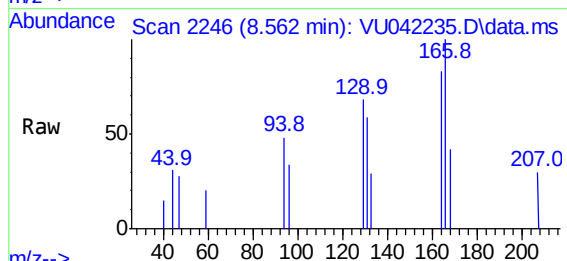
Ion Ratio Lower Upper

164 100

129 82.4 64.3 119.5

131 71.2 62.2 115.6

166 121.2 88.6 164.6



#48

2-Hexanone

Concen: 2.71 ug/L

RT: 8.645 min Scan# 2272

Delta R.T. -0.051 min

Lab File: VU042235.D

Acq: 03 Feb 2021 16:13

Tgt Ion: 43 Resp: 12572

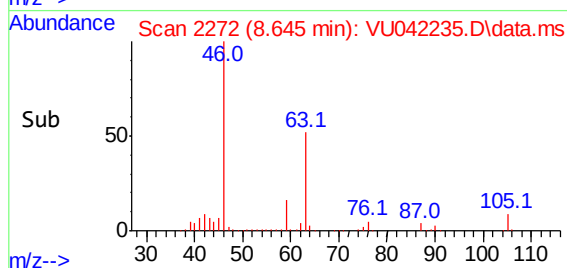
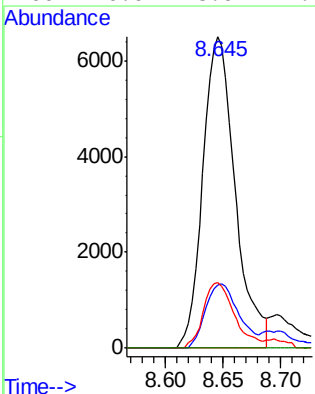
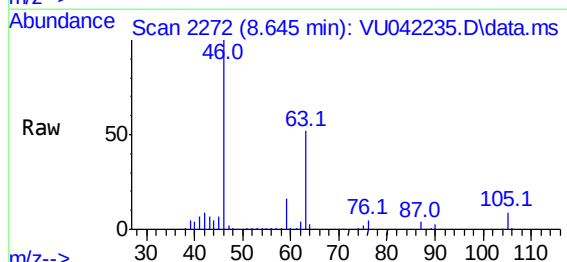
Ion Ratio Lower Upper

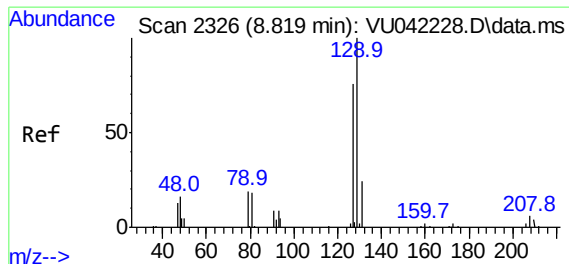
43 100

58 21.2 40.6 61.0#

57 20.0 14.9 22.3

100 0.0 8.6 12.8#

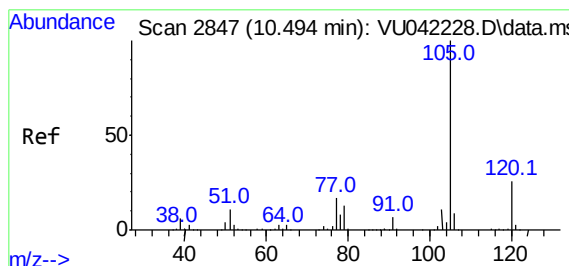
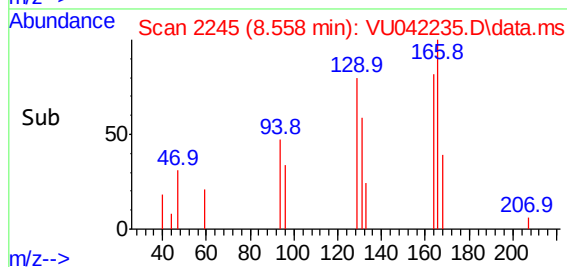
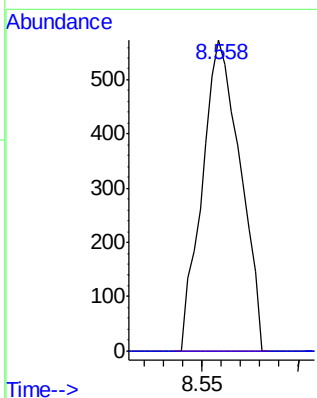
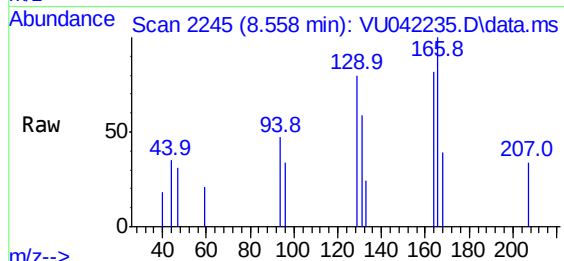




#49
Dibromochloromethane
Concen: 0.10 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.260 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

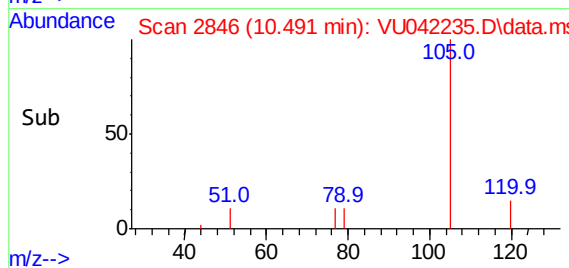
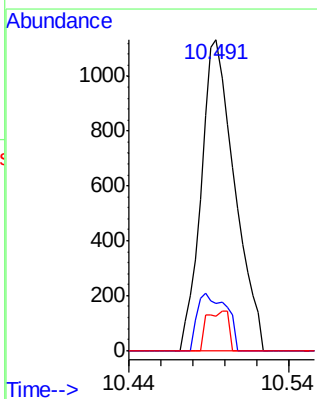
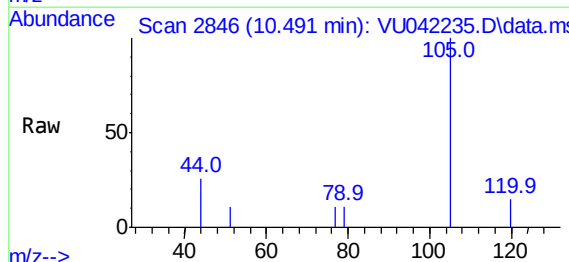
Instrument :
MSVOA_U
ClientSampled :
F1E53

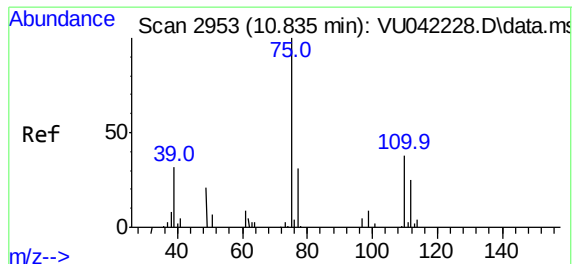
Tgt Ion:129 Resp: 786
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#



#56
Isopropylbenzene
Concen: 0.04 ug/L
RT: 10.491 min Scan# 2846
Delta R.T. -0.003 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

Tgt Ion:105 Resp: 1599
Ion Ratio Lower Upper
105 100
120 15.9 20.8 31.2#
77 8.0 13.4 20.0#

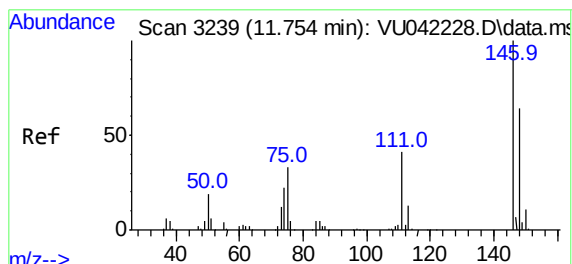
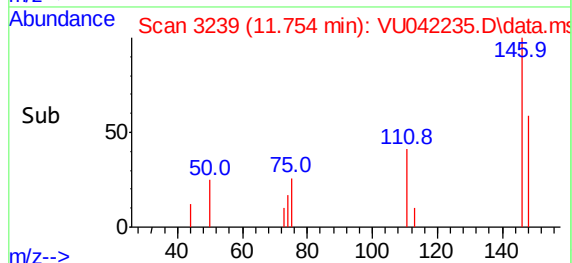
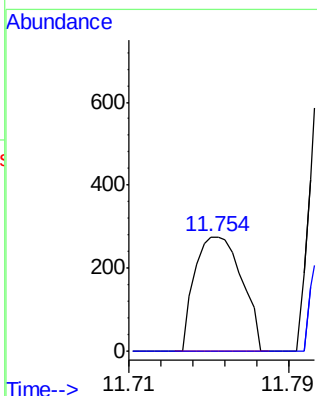
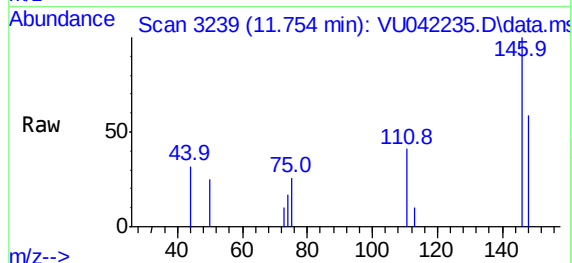




#59
1,2,3-Trichloropropane
Concen: 0.07 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.920 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

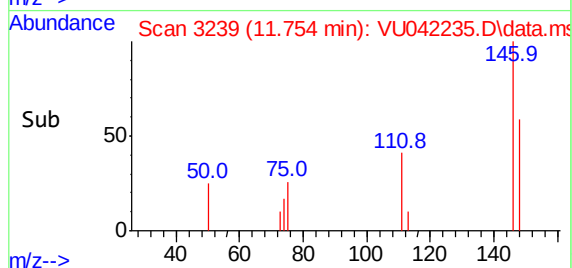
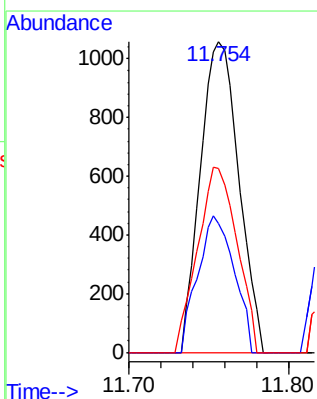
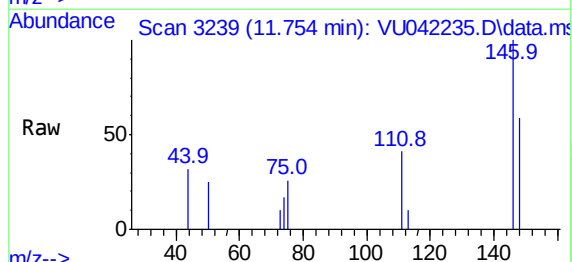
Instrument :
MSVOA_U
ClientSampleId :
F1E53

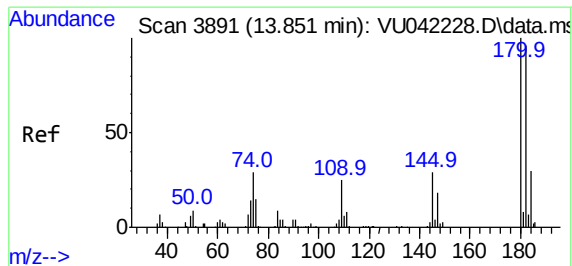
Tgt Ion: 75 Resp: 403
Ion Ratio Lower Upper
75 100
77 28.8 26.0 39.0



#62
1,3-Dichlorobenzene
Concen: 0.10 ug/L
RT: 11.754 min Scan# 3239
Delta R.T. 0.000 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

Tgt Ion: 146 Resp: 1667
Ion Ratio Lower Upper
146 100
111 41.5 27.2 50.4
148 59.4 44.6 82.8

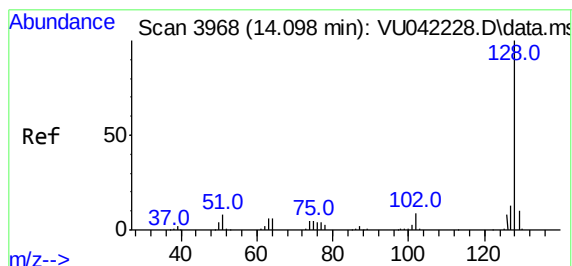
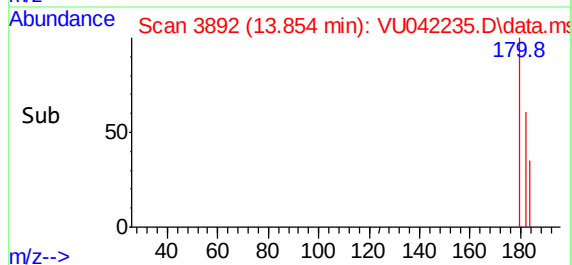
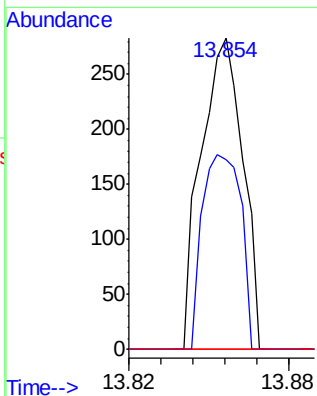
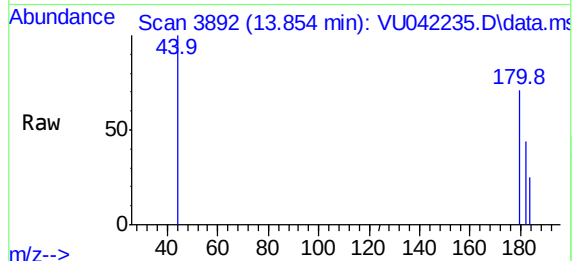




#68
1,2,4-trichlorobenzene
Concen: 0.03 ug/L
RT: 13.854 min Scan# 3892
Delta R.T. 0.003 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

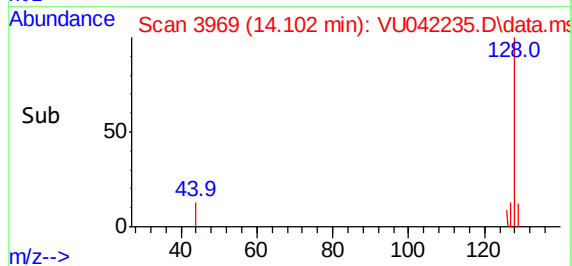
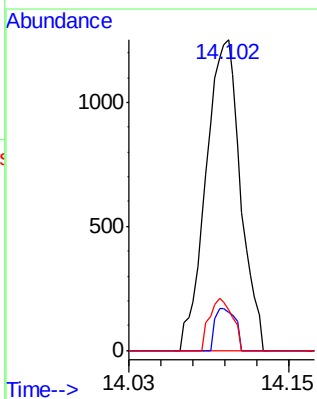
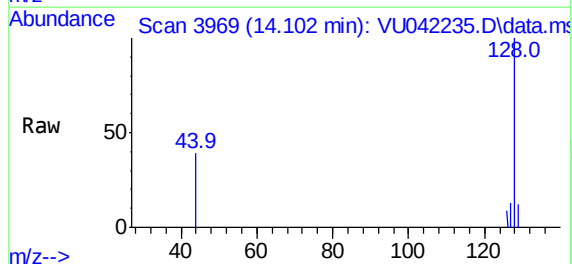
Instrument :
MSVOA_U
ClientSampleId :
F1E53

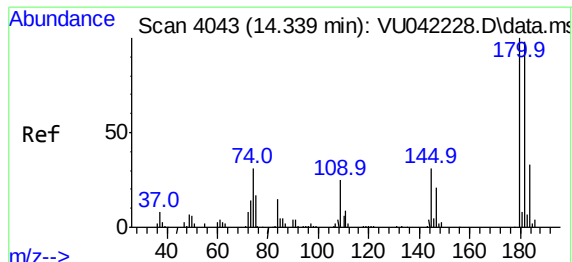
Tgt Ion:180 Resp: 311
Ion Ratio Lower Upper
180 100
182 57.9 76.3 114.5#
145 0.0 23.7 35.5#



#69
Naphthalene
Concen: 0.14 ug/L
RT: 14.102 min Scan# 3969
Delta R.T. 0.003 min
Lab File: VU042235.D
Acq: 03 Feb 2021 16:13

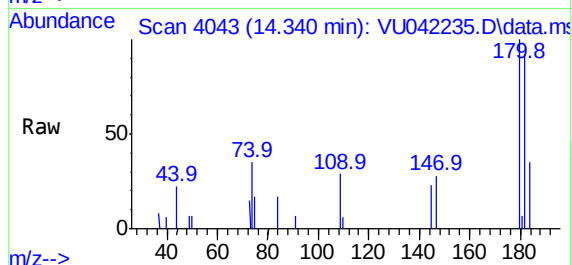
Tgt Ion:128 Resp: 2172
Ion Ratio Lower Upper
128 100
129 7.8 8.7 13.1#
127 11.1 10.6 15.8





#70
 1,2,3-Trichlorobenzene
 Concen: 0.30 ug/L
 RT: 14.340 min Scan# 4043
 Delta R.T. 0.000 min
 Lab File: VU042235.D
 Acq: 03 Feb 2021 16:13

Instrument :
 MSVOA_U
 ClientSampleId :
 F1E53



Tgt Ion:180 Resp: 2762

Ion	Ratio	Lower	Upper
180	100		
182	97.8	75.6	113.4
145	26.6	24.7	37.1

