

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043921.D
 Acq On : 24 May 2021 20:25
 Operator : SY/MD
 Sample : M2494-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB420

Quant Time: May 25 04:13:59 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 04:12:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	169695	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	173132	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	75457	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	60065	6.36	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	127.20%
7) Chloroethane-d5	1.922	69	43014	6.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	126.20%
11) 1,1-Dichloroethene-d2	2.578	65	26980	5.87	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.40%
20) 2-Butanone-d5	4.649	46	124532	41.58	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.16%
24) Chloroform-d	5.076	84	124691	5.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
26) 1,2-Dichloroethane-d4	5.713	65	64496	5.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.60%
32) Benzene-d6	5.739	84	252252	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
36) 1,2-Dichloropropane-d6	6.700	67	81453	5.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	116.40%
41) Toluene-d8	7.906	98	210646	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloroprop...	8.185	79	28616	5.36	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	107.20%
46) 2-Hexanone-d5	8.648	63	129615	55.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	110.76%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	72806	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
66) 1,2-Dichlorobenzene-d4	12.201	152	85323	6.22	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	124.40%#
Target Compounds						Qvalue
3) Chloromethane	1.523	50	1044	0.09	ug/L	99
12) 1,1-Dichloroethene	2.591	96	40832	3.72	ug/L #	85
13) Acetone	2.652	43	3598	2.28	ug/L	100
15) Methyl Acetate	2.967	43	503	0.11	ug/L #	60
19) 1,1-Dichloroethane	3.883	63	19139	0.98	ug/L	97
27) 1,2-Dichloroethane	5.803	62	1616	0.13	ug/L #	72
29) 1,1,1-Trichloroethane	5.327	97	459315	25.61	ug/L	99
31) Carbon tetrachloride	5.327	117	64209	4.18	ug/L	100
34) Trichloroethene	6.552	95	1202	0.10	ug/L	95
35) Methylcyclohexane	6.700	83	18786	1.06	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	8070	0.65	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1578	0.10	ug/L #	47
42) Toluene	7.976	91	3247	0.07	ug/L #	75
47) Tetrachloroethene	8.558	164	89745	8.55	ug/L	100
48) 2-Hexanone	8.645	43	14115	2.71	ug/L #	67
49) Dibromochloromethane	8.558	129	81302	7.40	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	7561	1.09	ug/L #	66

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Quant Time: May 25 04:13:59 2021
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue May 25 04:12:21 2021
Response via : Initial Calibration

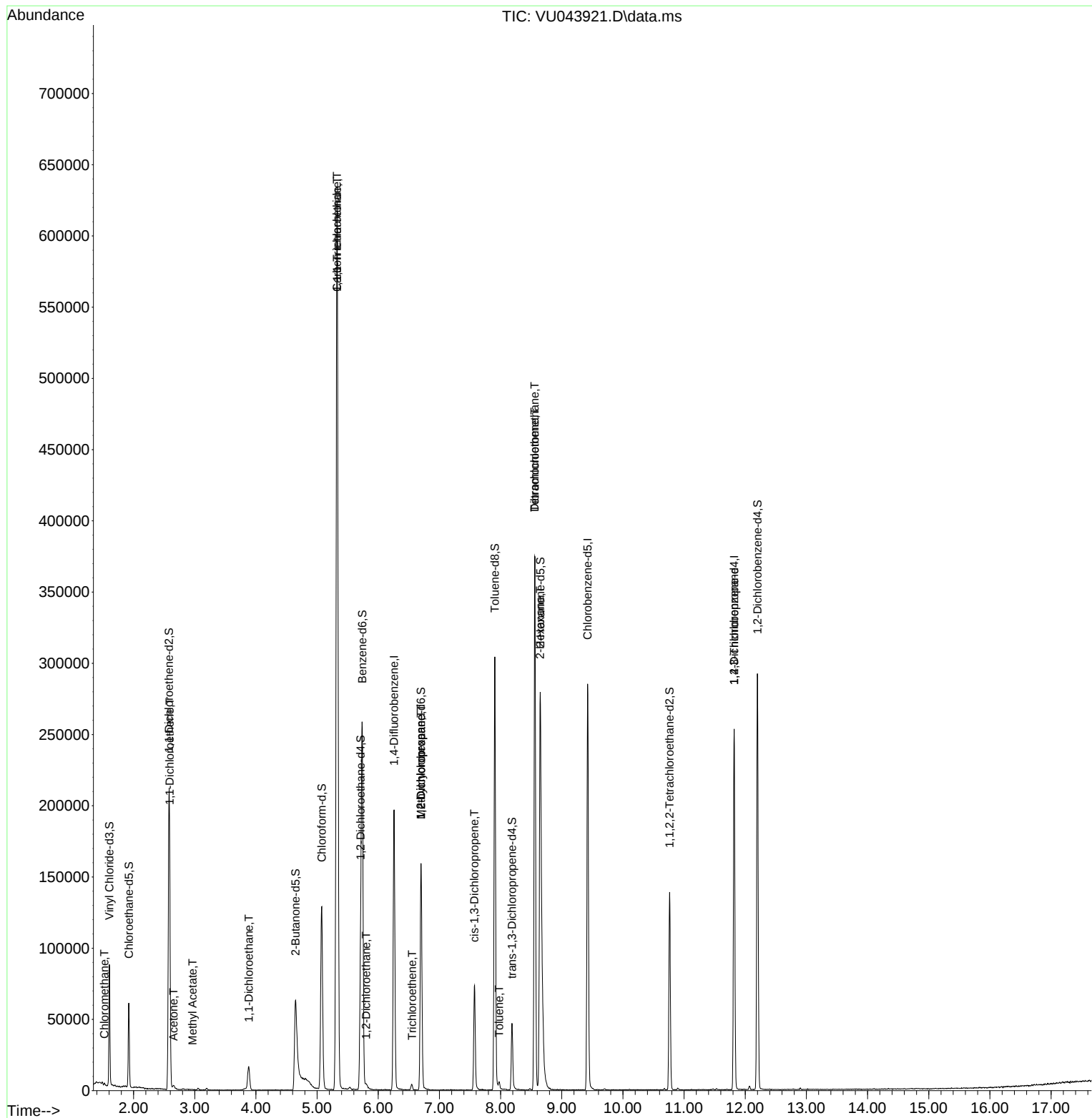
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

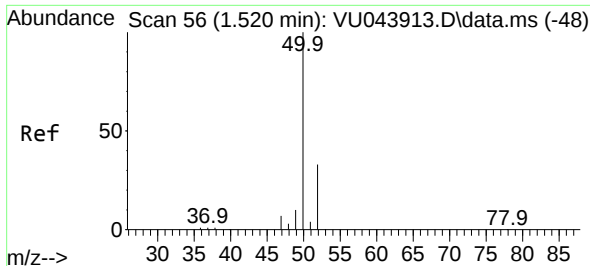
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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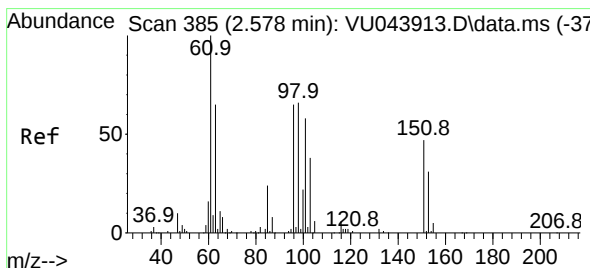
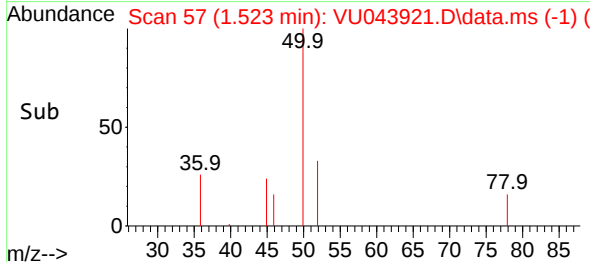
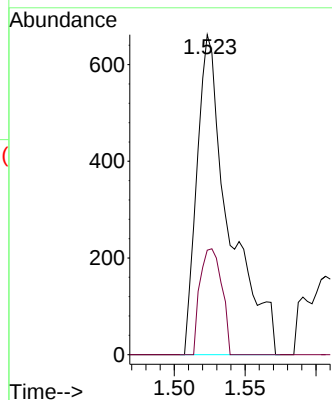
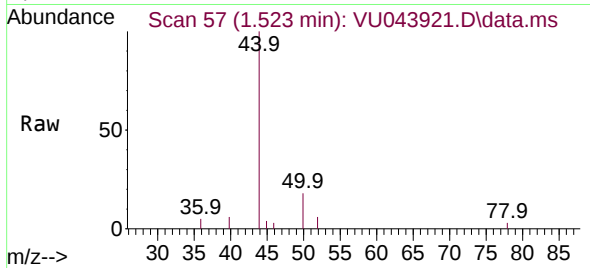




#3
Chloromethane
Concen: 0.09 ug/L
RT: 1.523 min Scan# 57
Delta R.T. 0.003 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

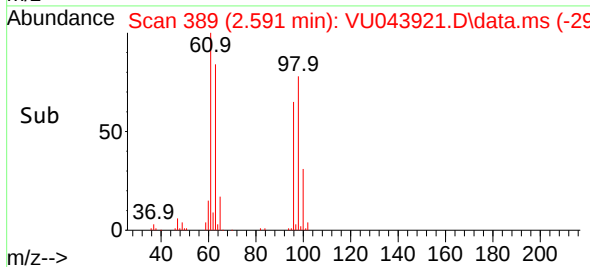
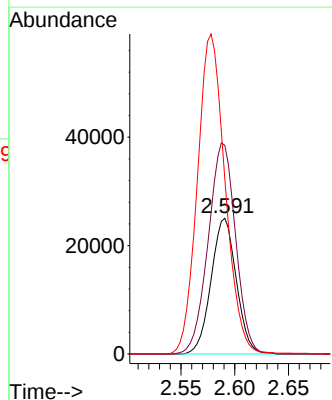
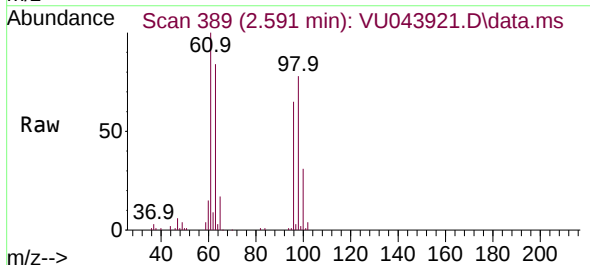
Instrument :
MSVOA_U
ClientSampleId :
GB420

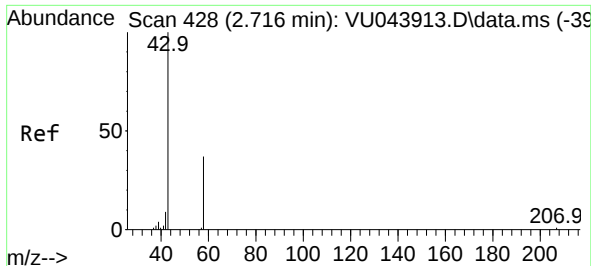
Tgt Ion: 50 Resp: 1044
Ion Ratio Lower Upper
50 100
52 32.6 23.4 43.4



#12
1,1-Dichloroethene
Concen: 3.72 ug/L
RT: 2.591 min Scan# 389
Delta R.T. 0.013 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

Tgt Ion: 96 Resp: 40832
Ion Ratio Lower Upper
96 100
61 153.9 105.1 195.3
63 128.9 66.6 123.6#

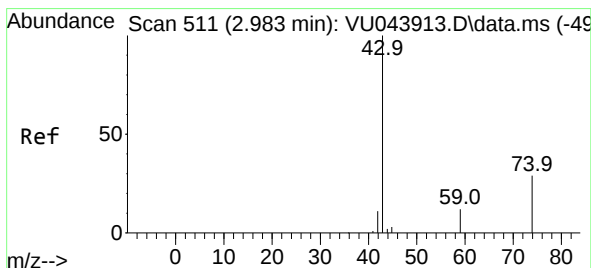
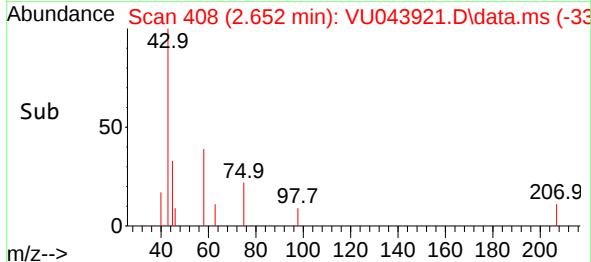
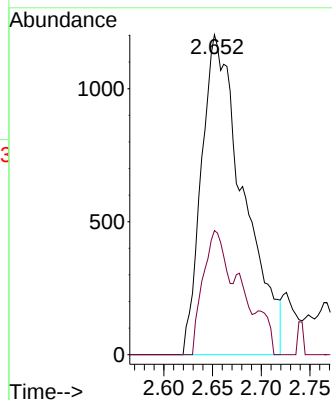
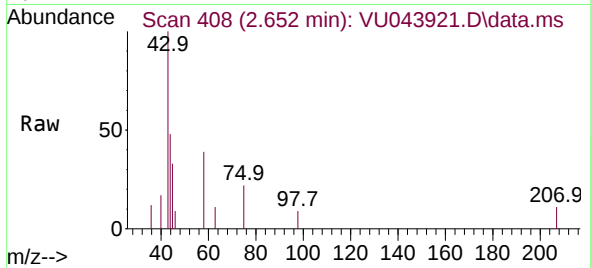




#13
Acetone
Concen: 2.28 ug/L
RT: 2.652 min Scan# 408
Delta R.T. -0.064 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

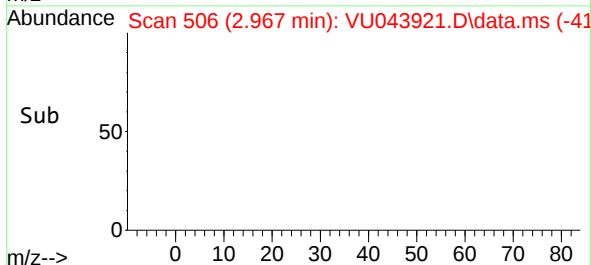
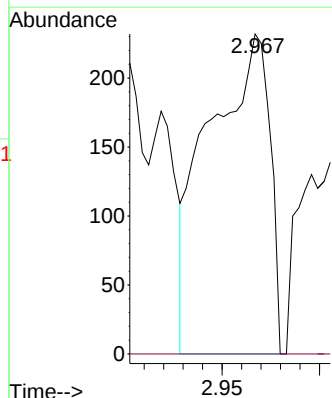
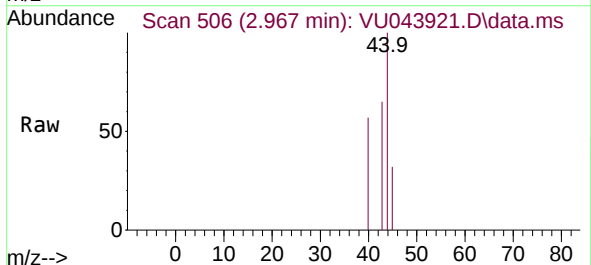
Instrument :
MSVOA_U
ClientSampleId :
GB420

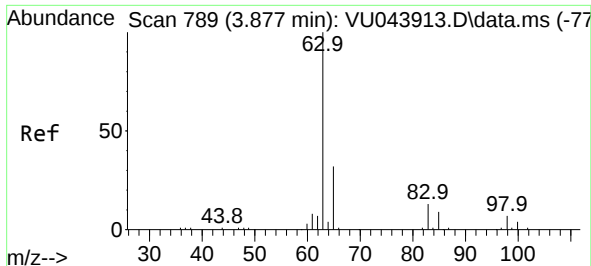
Tgt Ion: 43 Resp: 3598
Ion Ratio Lower Upper
43 100
58 23.0 0.0 46.2



#15
Methyl Acetate
Concen: 0.11 ug/L
RT: 2.967 min Scan# 506
Delta R.T. -0.016 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

Tgt Ion: 43 Resp: 503
Ion Ratio Lower Upper
43 100
74 0.0 13.8 20.6#





#19

1,1-Dichloroethane

Concen: 0.98 ug/L

RT: 3.883 min Scan# 791

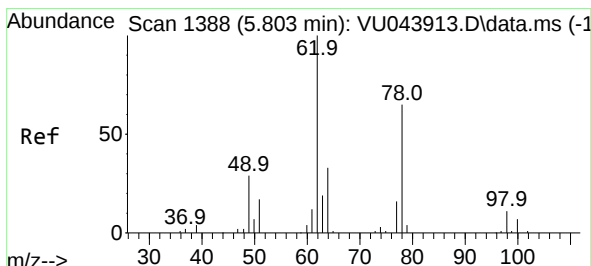
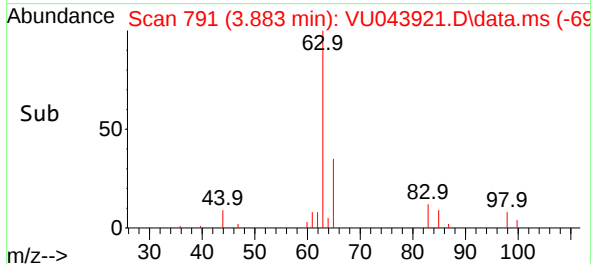
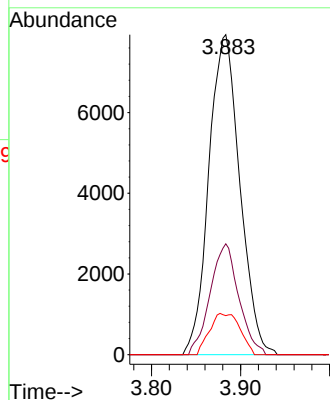
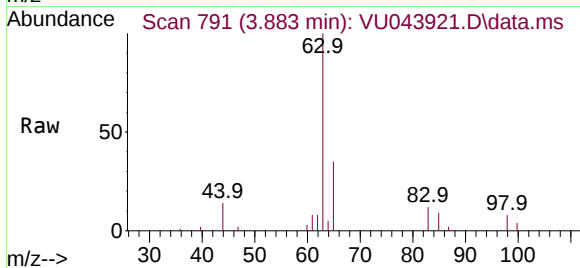
Delta R.T. 0.006 min

Lab File: VU043921.D

Acq: 24 May 2021 20:25

Tgt Ion:	63	Resp:	19139
Ion	Ratio	Lower	Upper
63	100		
65	34.6	23.2	43.2
83	12.2	9.7	18.1

Instrument :
MSVOA_U
ClientSampleId :
GB420



#27

1,2-Dichloroethane

Concen: 0.13 ug/L

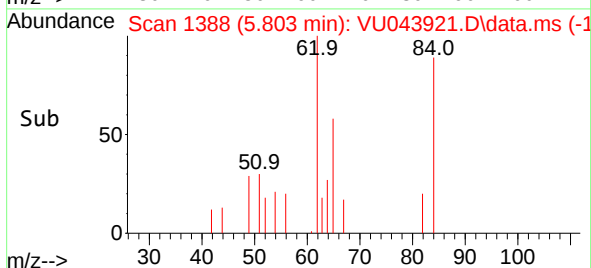
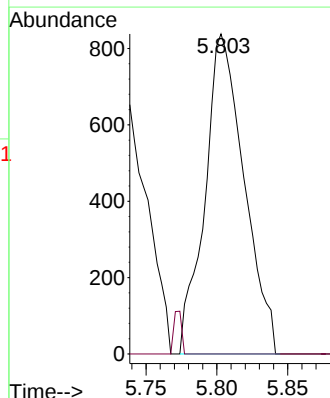
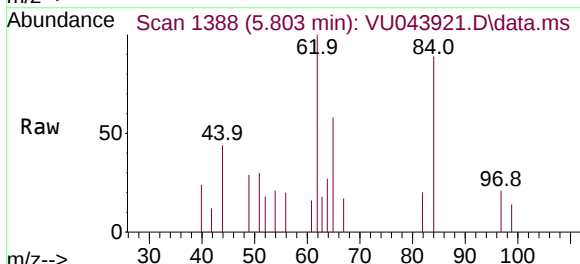
RT: 5.803 min Scan# 1388

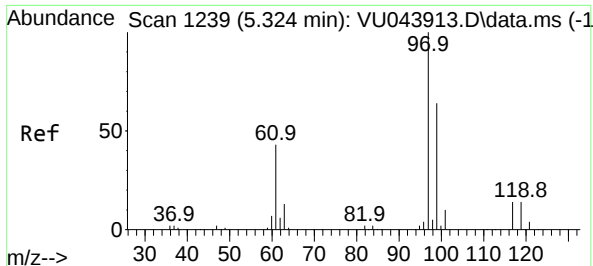
Delta R.T. -0.000 min

Lab File: VU043921.D

Acq: 24 May 2021 20:25

Tgt Ion:	62	Resp:	1616
Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.3	12.5#





#29

1,1,1-Trichloroethane

Concen: 25.61 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. 0.003 min

Lab File: VU043921.D

Acq: 24 May 2021 20:25

Tgt Ion: 97 Resp: 459315

Ion Ratio Lower Upper

97 100

99 64.8 51.9 77.9

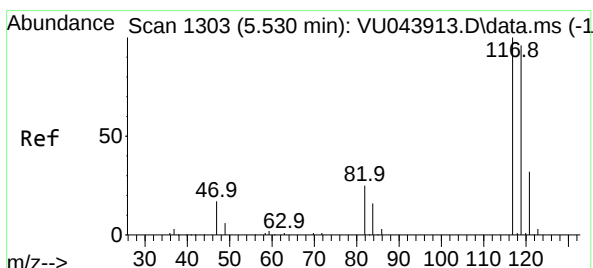
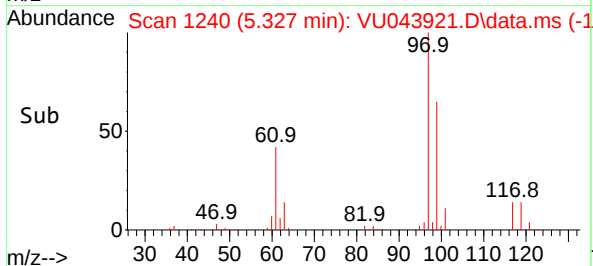
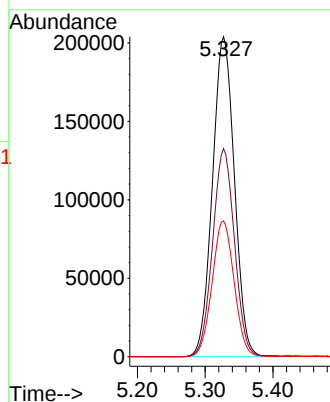
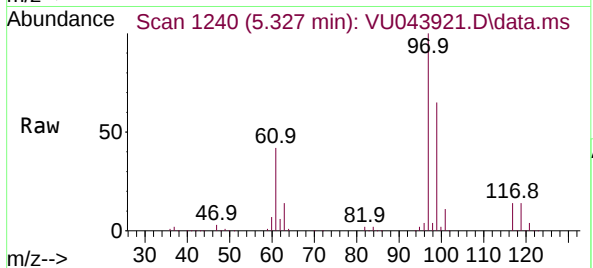
61 42.5 34.7 52.1

Instrument :

MSVOA_U

ClientSampleId :

GB420



#31

Carbon tetrachloride

Concen: 4.18 ug/L

RT: 5.327 min Scan# 1240

Delta R.T. -0.203 min

Lab File: VU043921.D

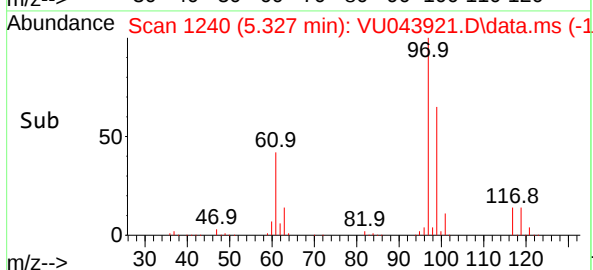
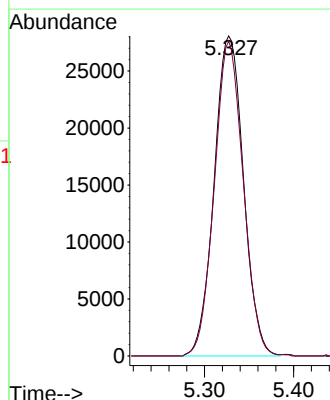
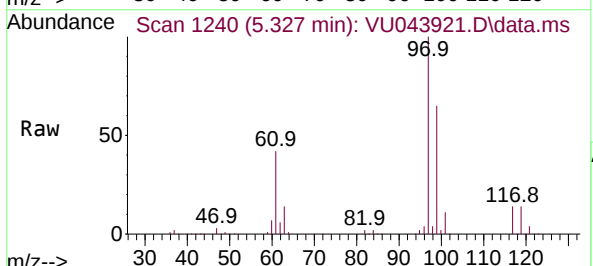
Acq: 24 May 2021 20:25

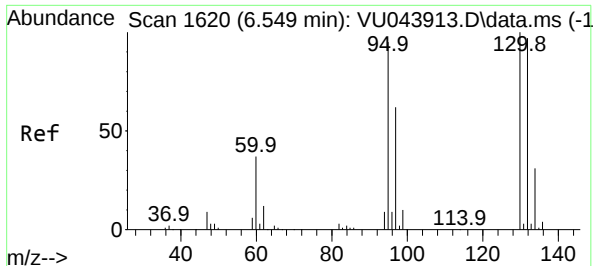
Tgt Ion:117 Resp: 64209

Ion Ratio Lower Upper

117 100

119 96.8 77.4 116.0



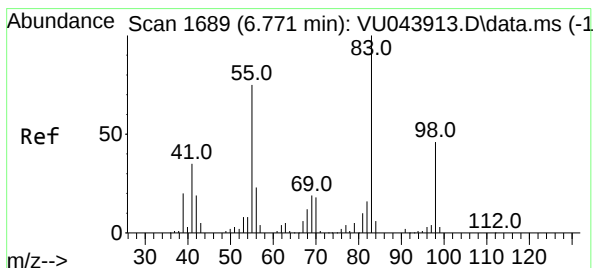
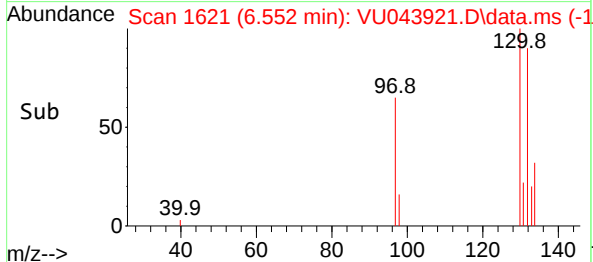
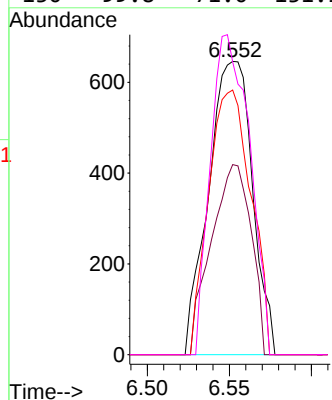
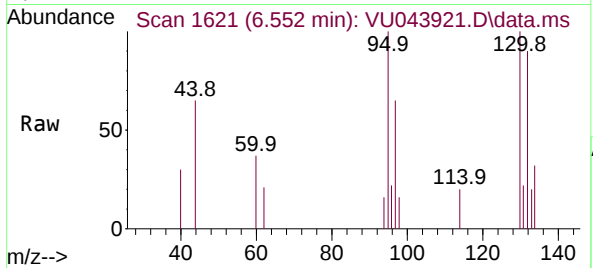


#34
Trichloroethene
Concen: 0.10 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

Instrument :
MSVOA_U
ClientSampleId :
GB420

Tgt Ion: 95 Resp: 1202

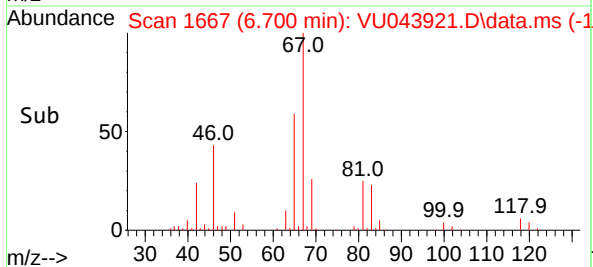
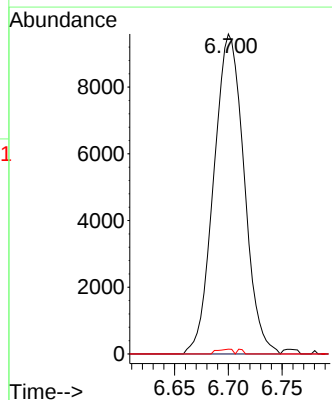
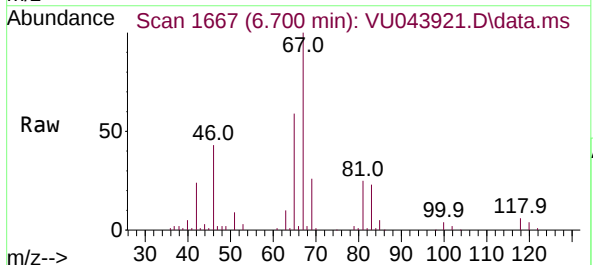
Ion	Ratio	Lower	Upper
95	100		
97	64.9	45.5	84.5
132	90.2	70.9	131.7
130	99.8	71.0	131.9

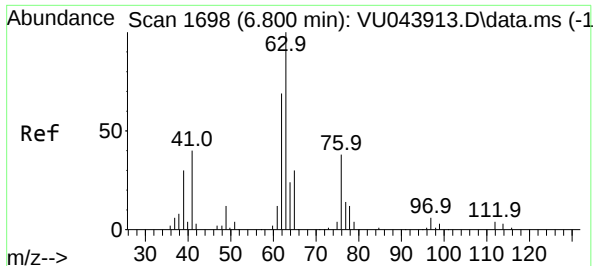


#35
Methylcyclohexane
Concen: 1.06 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

Tgt Ion: 83 Resp: 18786

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	0.8	37.0	55.4#



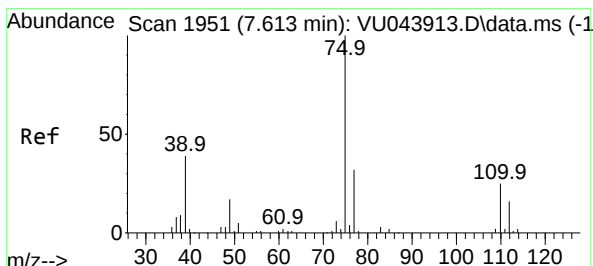
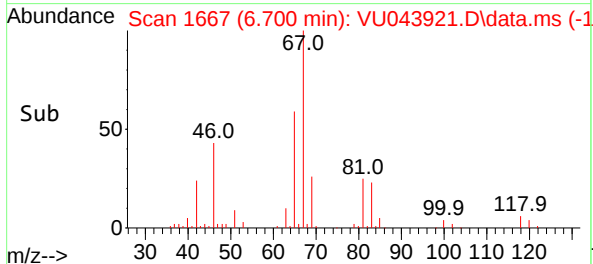
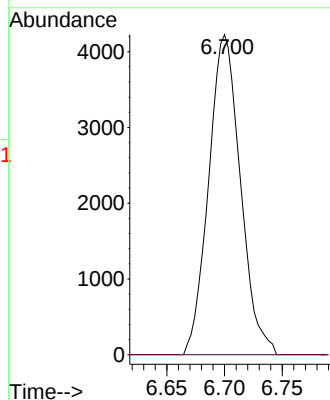
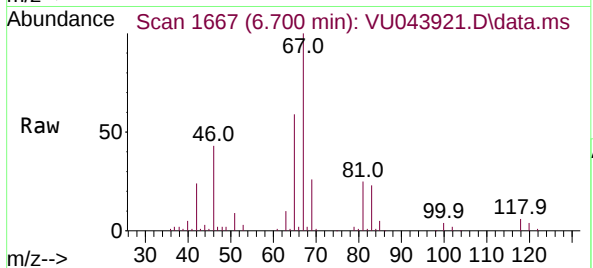


#37

1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

Instrument :
MSVOA_U
ClientSampleId :
GB420

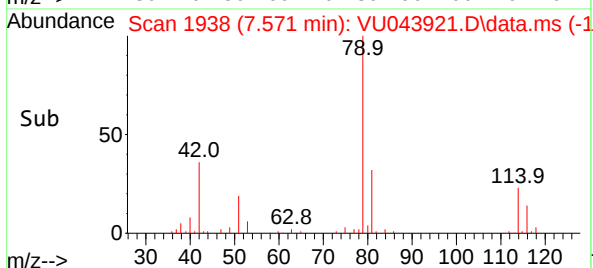
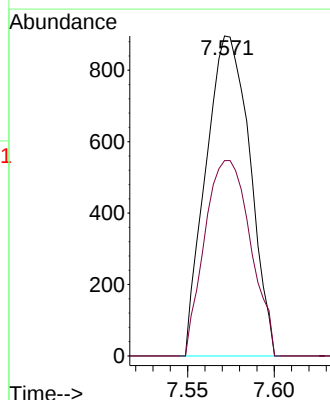
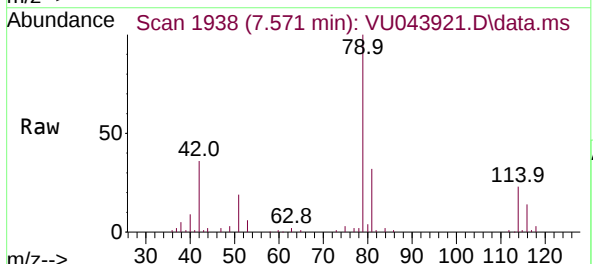
Tgt Ion: 63 Resp: 8070
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#

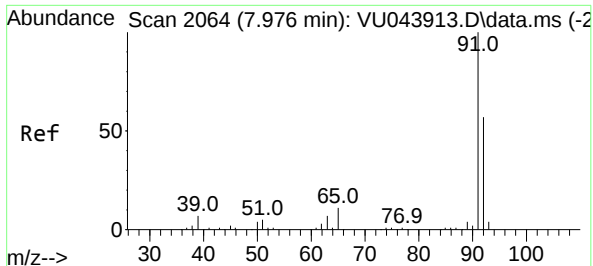


#39

cis-1,3-Dichloropropene
Concen: 0.10 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

Tgt Ion: 75 Resp: 1578
Ion Ratio Lower Upper
75 100
77 61.0 22.3 41.3#

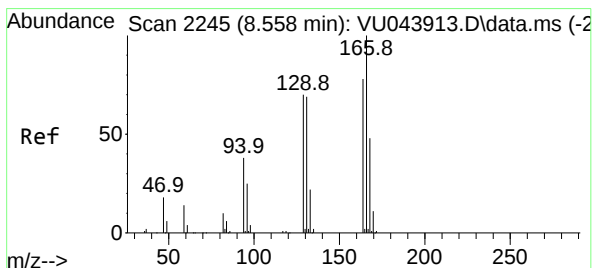
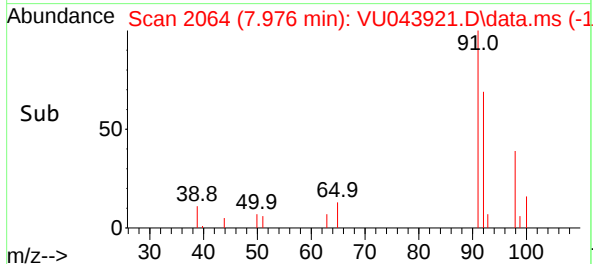
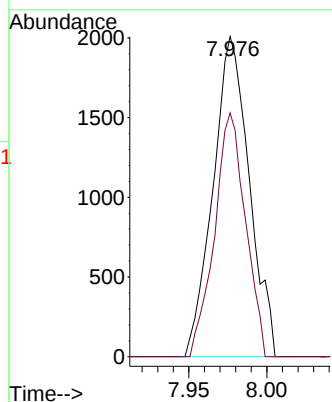
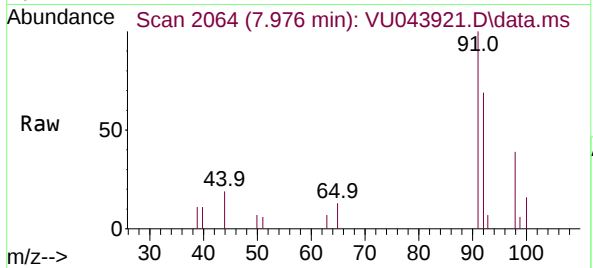




#42
Toluene
Concen: 0.07 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

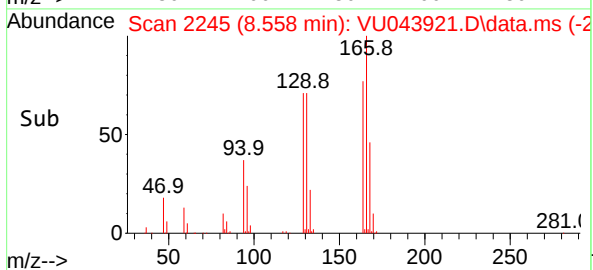
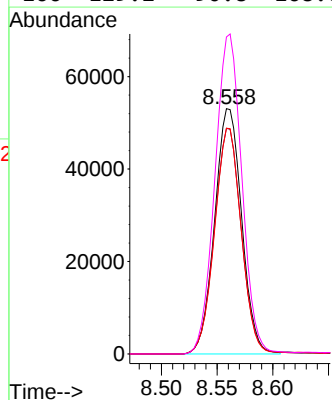
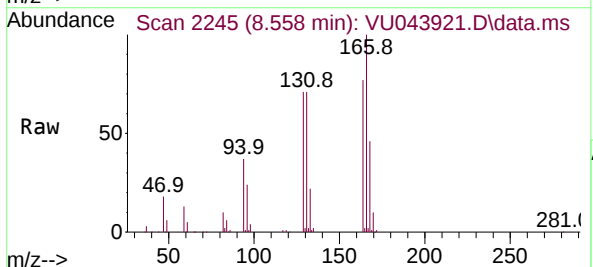
Instrument :
MSVOA_U
ClientSampleId :
GB420

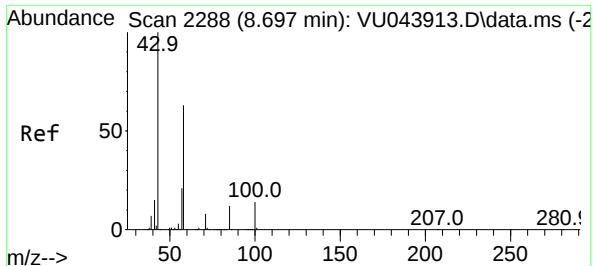
Tgt Ion: 91 Resp: 3247
Ion Ratio Lower Upper
91 100
92 76.1 40.5 75.1#



#47
Tetrachloroethene
Concen: 8.55 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.000 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

Tgt Ion: 164 Resp: 89745
Ion Ratio Lower Upper
164 100
129 92.0 64.1 119.1
131 92.0 64.5 119.9
166 129.2 90.8 168.6

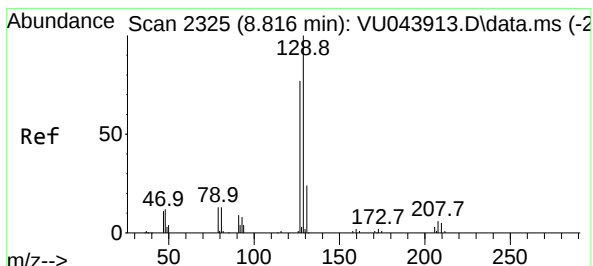
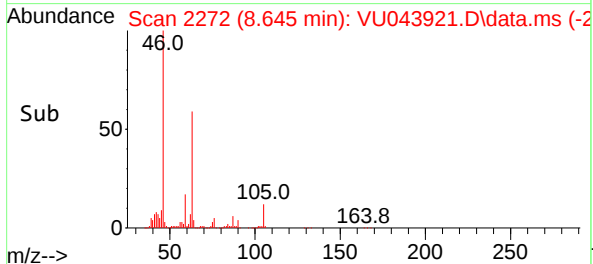
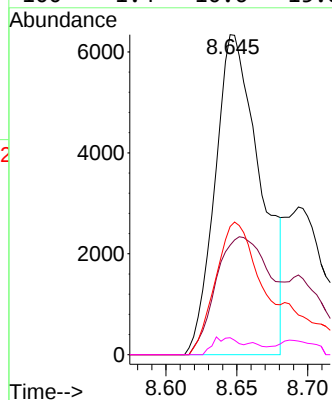
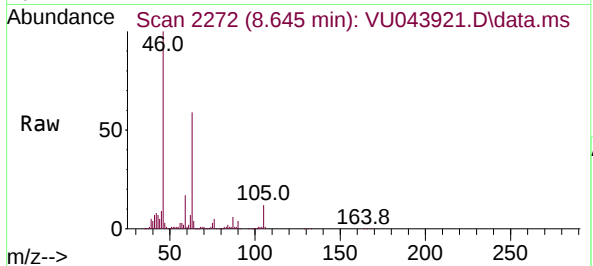




#48
2-Hexanone
Concen: 2.71 ug/L
RT: 8.645 min Scan# 2272
Delta R.T. -0.052 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

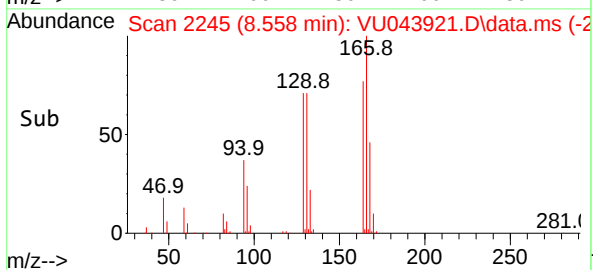
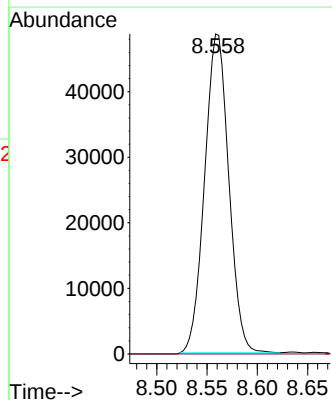
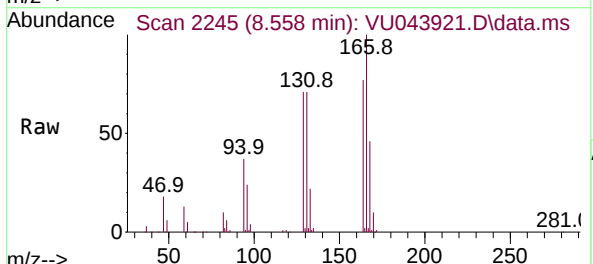
Instrument :
MSVOA_U
ClientSampled :
GB420

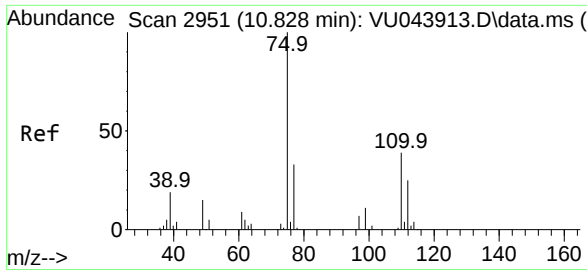
Tgt Ion: 43	Resp: 14115
Ion Ratio	Lower Upper
43 100	
58 45.4	49.4 74.0#
57 53.2	16.8 25.2#
100 1.4	10.6 15.8#



#49
Dibromochloromethane
Concen: 7.40 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.257 min
Lab File: VU043921.D
Acq: 24 May 2021 20:25

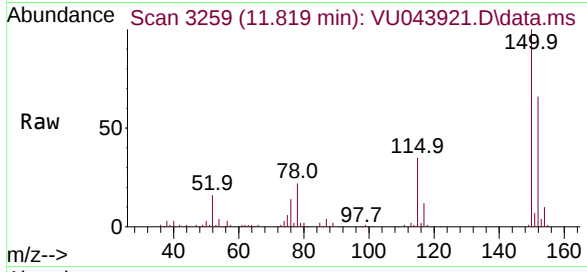
Tgt Ion: 129	Resp: 81302
Ion Ratio	Lower Upper
129 100	
127 0.0	54.1 100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.09 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043921.D
 Acq: 24 May 2021 20:25

Instrument :
 MSVOA_U
 ClientSampleId :
 GB420



Tgt Ion: 75 Resp: 7561
 Ion Ratio Lower Upper
 75 100
 110 0.7 29.3 43.9#
 77 30.9 26.3 39.5

