

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043934.D
 Acq On : 25 May 2021 01:36
 Operator : SY/MD
 Sample : M2494-04
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB417

Quant Time: May 25 04:15:44 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	6.256	114	169505	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	175170	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	74858	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	46226	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.913	69	35894	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.565	65	19500	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	4.694	46	185010	61.84	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	123.68%
24) Chloroform-d	5.073	84	120858	5.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.00%
26) 1,2-Dichloroethane-d4	5.713	65	65341	5.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	117.20%
32) Benzene-d6	5.732	84	245931	5.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.60%
36) 1,2-Dichloropropane-d6	6.700	67	81509	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.903	98	206992	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
43) trans-1,3-Dichloroprop...	8.186	79	28628	5.30	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.00%
46) 2-Hexanone-d5	8.649	63	133408	56.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	112.68%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	71684	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
66) 1,2-Dichlorobenzene-d4	12.198	152	83596	6.15	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	123.00%#
Target Compounds						
5) Vinyl chloride	1.601	62	1226	0.11	ug/L #	1
12) 1,1-Dichloroethene	2.578	96	260646	23.80	ug/L #	86
13) Acetone	2.726	43	2048	1.30	ug/L	58
18) trans-1,2-Dichloroethene	3.343	96	2424	0.22	ug/L	86
19) 1,1-Dichloroethane	3.874	63	266131	13.62	ug/L	98
22) cis-1,2-Dichloroethene	4.674	96	18705	1.54	ug/L	97
27) 1,2-Dichloroethane	5.806	62	7162	0.56	ug/L	98
34) Trichloroethene	6.546	95	227066	18.42	ug/L	98
35) Methylcyclohexane	6.700	83	18989	1.06	ug/L #	33
39) cis-1,3-Dichloropropene	7.575	75	1445	0.09	ug/L #	29
42) Toluene	7.973	91	4185	0.08	ug/L	85
47) Tetrachloroethene	8.559	164	1969	0.19	ug/L	98
48) 2-Hexanone	8.697	43	5706	1.08	ug/L	96
49) Dibromochloromethane	8.555	129	1821	0.16	ug/L #	11
61) 1,2,3-Trichloropropane	11.816	75	7530	1.09	ug/L #	66
71) Naphthalene	14.092	128	1658	0.08	ug/L #	69
72) 1,2,3-Trichlorobenzene	14.336	180	587	0.05	ug/L #	80

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

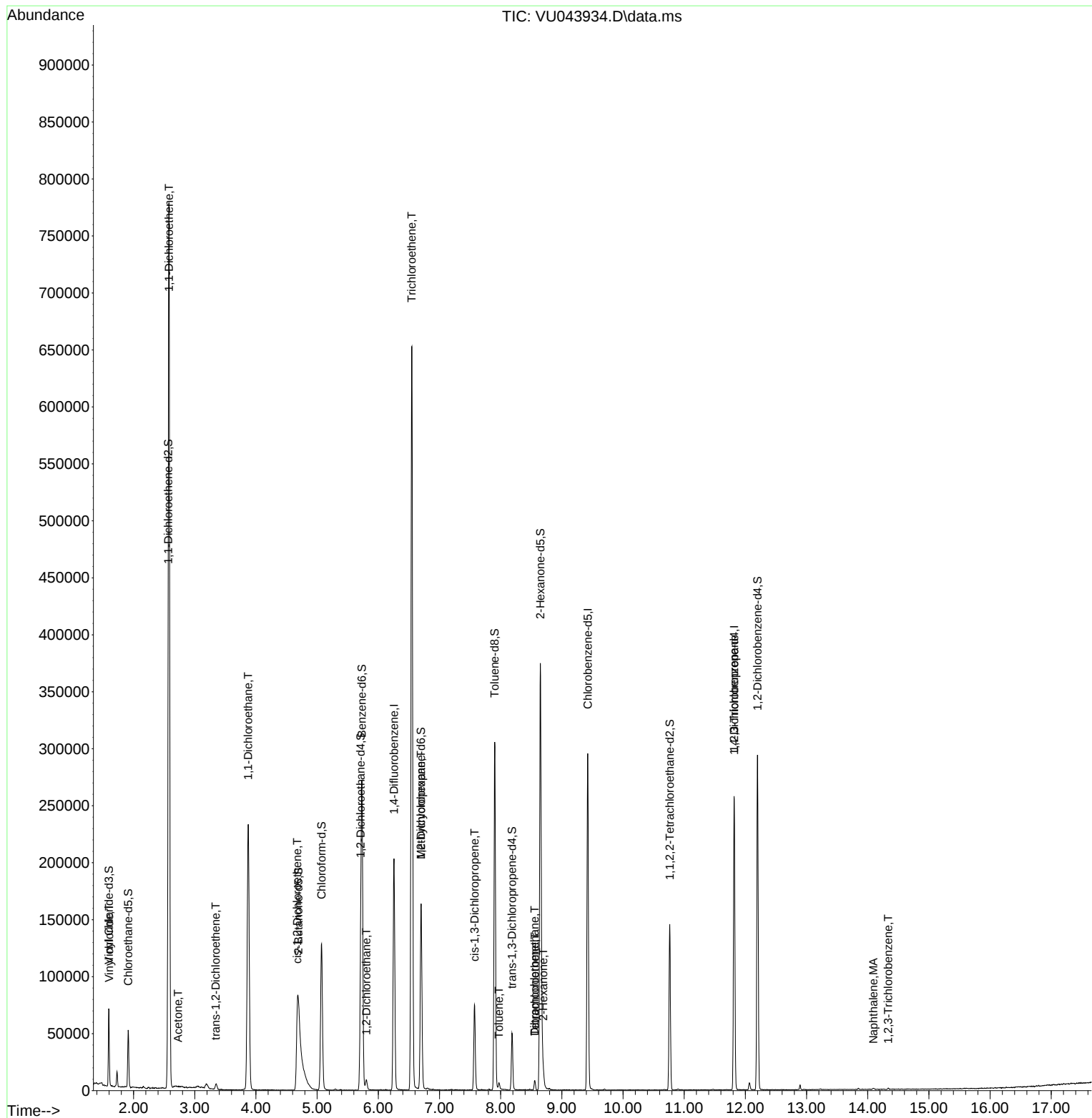
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

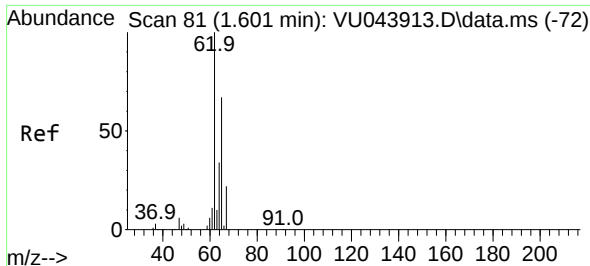
(#)=qualifier out of range (m)=manual integration (+)=signals summed						

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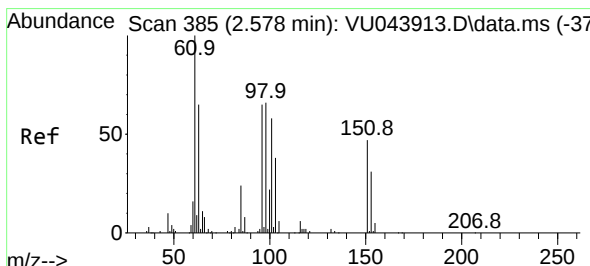
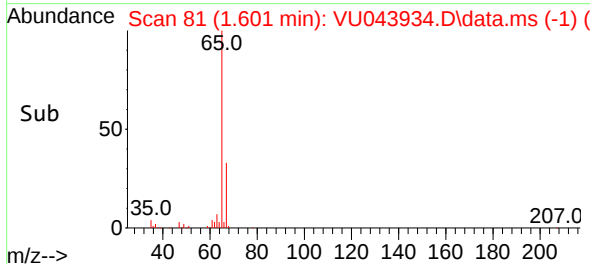
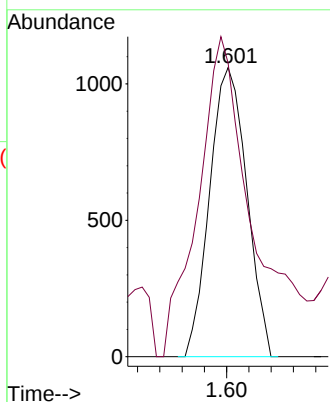
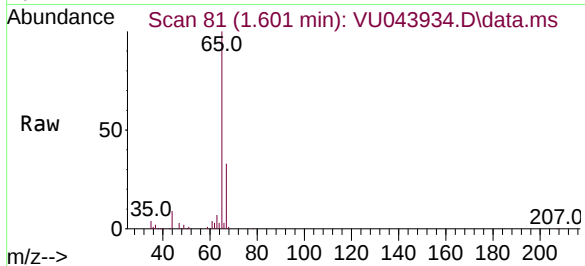




#5
 Vinyl chloride
 Concen: 0.11 ug/L
 RT: 1.601 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: VU043934.D
 Acq: 25 May 2021 01:36

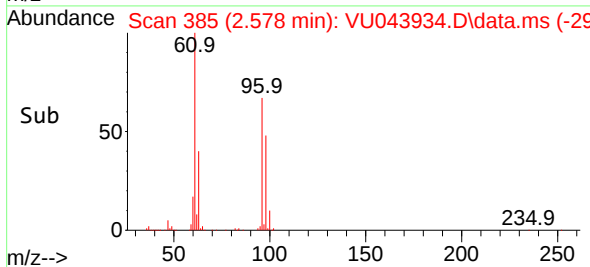
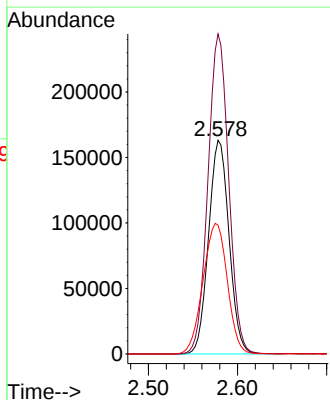
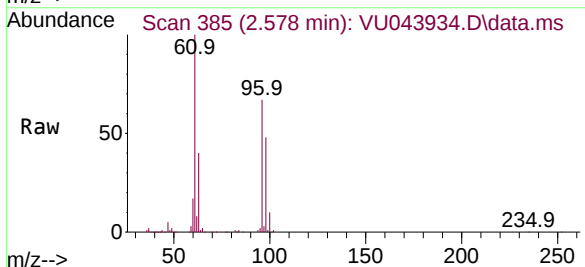
Instrument :
 MSVOA_U
 ClientSampled :
 GB417

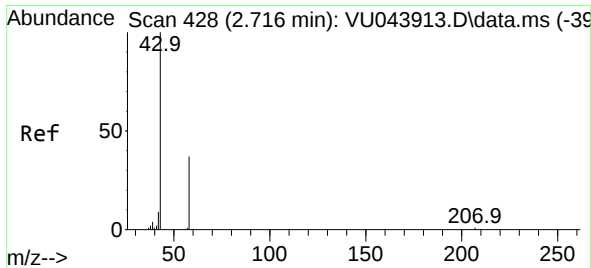
Tgt Ion: 62 Resp: 1226
 Ion Ratio Lower Upper
 62 100
 64 101.5 23.2 43.2#



#12
 1,1-Dichloroethene
 Concen: 23.80 ug/L
 RT: 2.578 min Scan# 385
 Delta R.T. 0.000 min
 Lab File: VU043934.D
 Acq: 25 May 2021 01:36

Tgt Ion: 96 Resp: 260646
 Ion Ratio Lower Upper
 96 100
 61 149.9 105.1 195.3
 63 60.4 66.6 123.6#

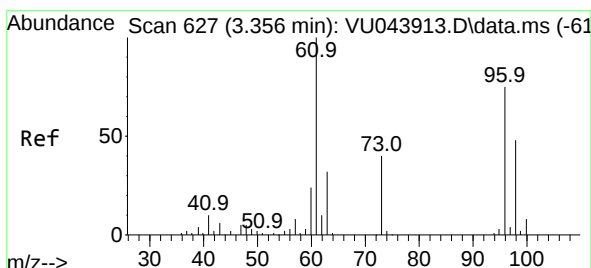
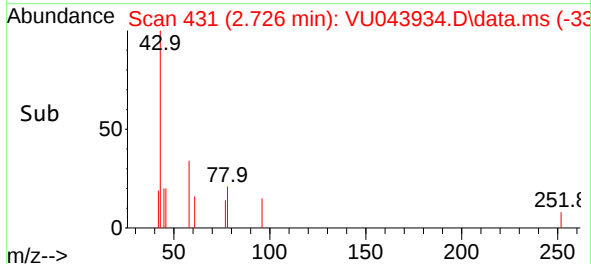
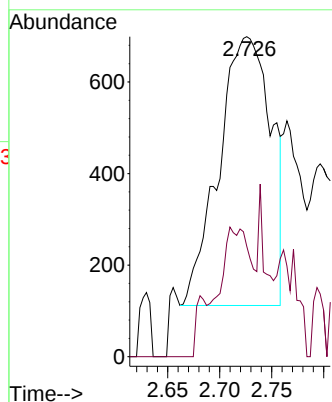
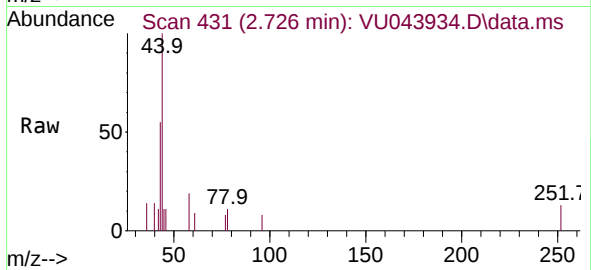




#13
Acetone
Concen: 1.30 ug/L
RT: 2.726 min Scan# 431
Delta R.T. 0.010 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

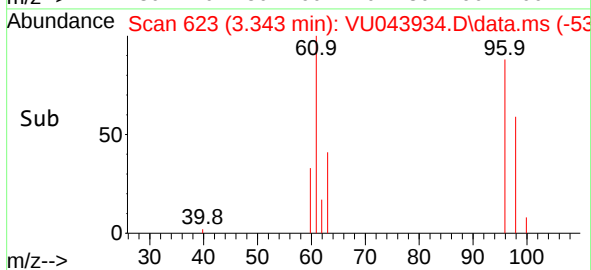
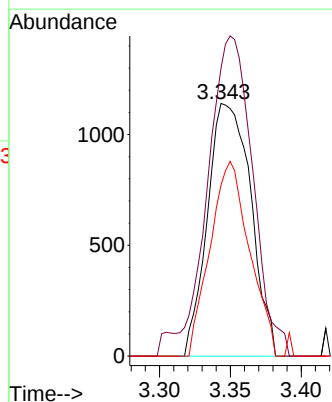
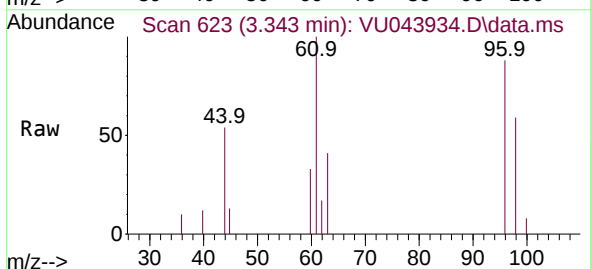
Instrument :
MSVOA_U
ClientSampled :
GB417

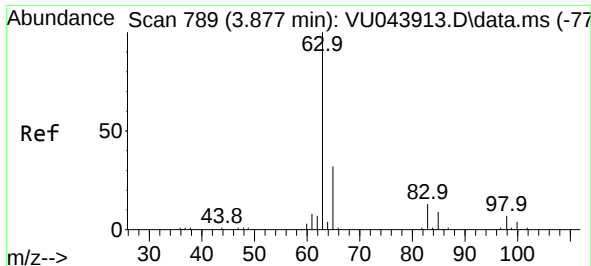
Tgt Ion: 43 Resp: 2048
Ion Ratio Lower Upper
43 100
58 2.8 0.0 46.2



#18
trans-1,2-Dichloroethene
Concen: 0.22 ug/L
RT: 3.343 min Scan# 623
Delta R.T. -0.013 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

Tgt Ion: 96 Resp: 2424
Ion Ratio Lower Upper
96 100
61 113.9 93.9 174.3
98 67.7 43.5 80.7





#19

1,1-Dichloroethane

Concen: 13.62 ug/L

RT: 3.874 min Scan# 788

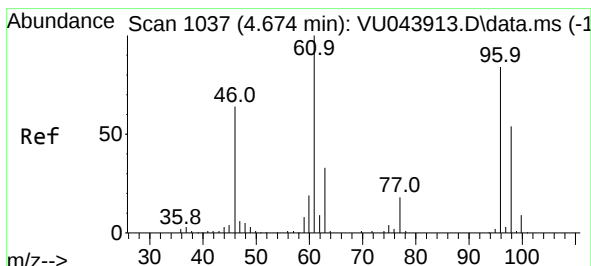
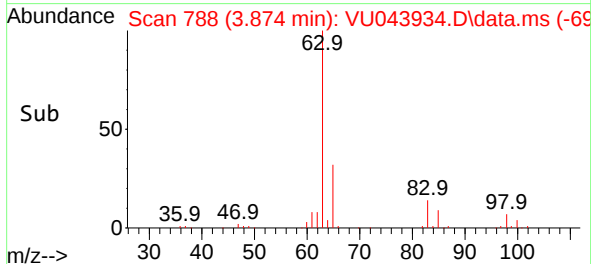
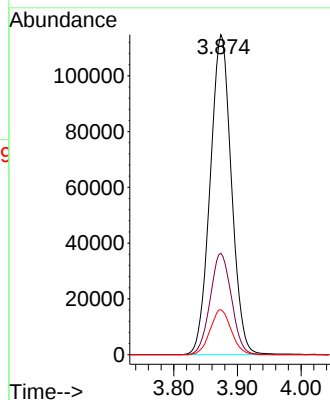
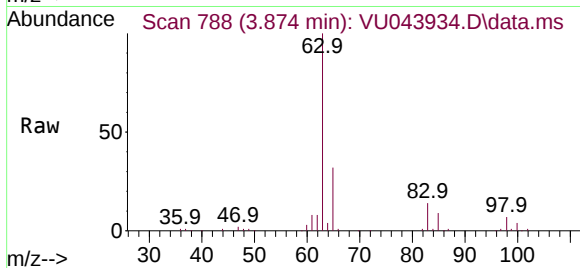
Delta R.T. -0.003 min

Lab File: VU043934.D

Acq: 25 May 2021 01:36

Tgt Ion: 63 Resp: 266131

Ion	Ratio	Lower	Upper
63	100		
65	31.7	23.2	43.2
83	14.0	9.7	18.1



#22

cis-1,2-Dichloroethene

Concen: 1.54 ug/L

RT: 4.674 min Scan# 1037

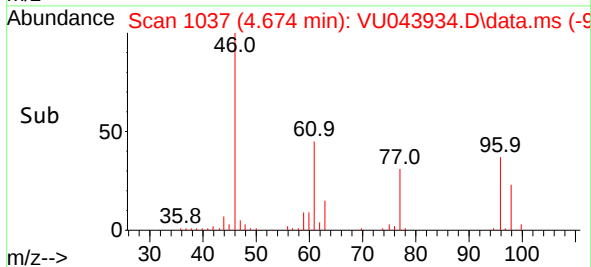
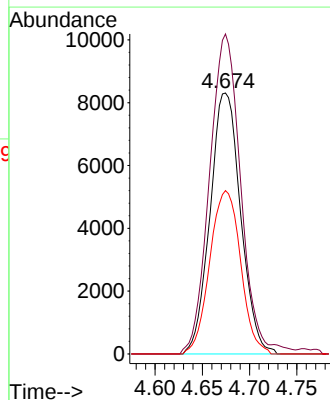
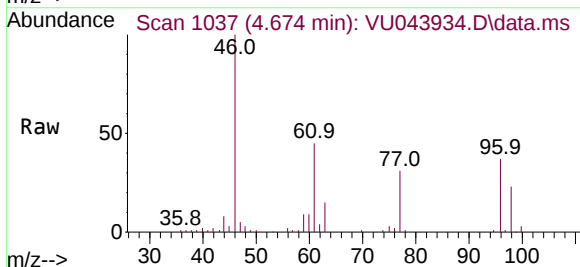
Delta R.T. 0.000 min

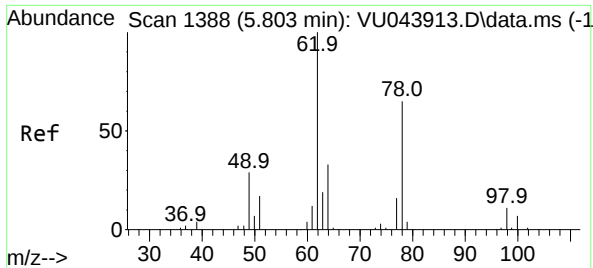
Lab File: VU043934.D

Acq: 25 May 2021 01:36

Tgt Ion: 96 Resp: 18705

Ion	Ratio	Lower	Upper
96	100		
61	122.6	82.9	153.9
98	62.6	43.3	80.5

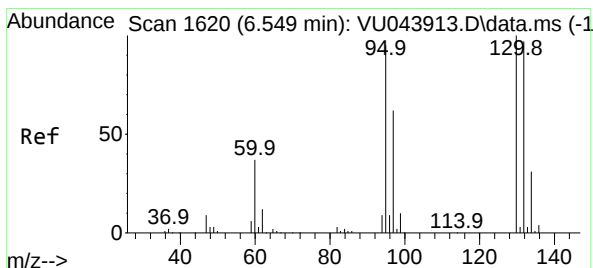
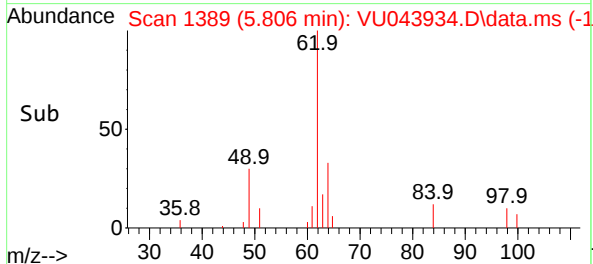
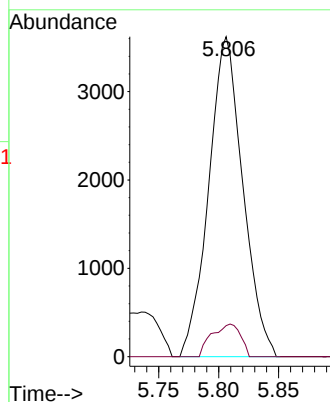
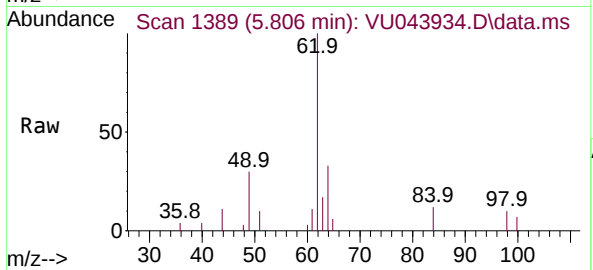




#27
1,2-Dichloroethane
Concen: 0.56 ug/L
RT: 5.806 min Scan# 1389
Delta R.T. 0.003 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

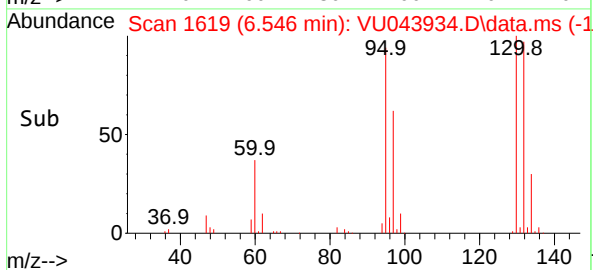
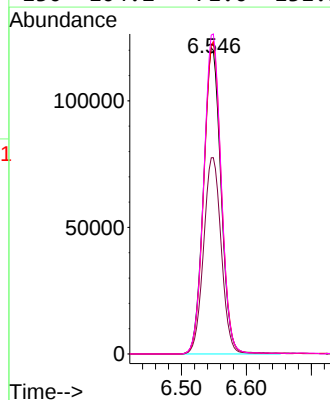
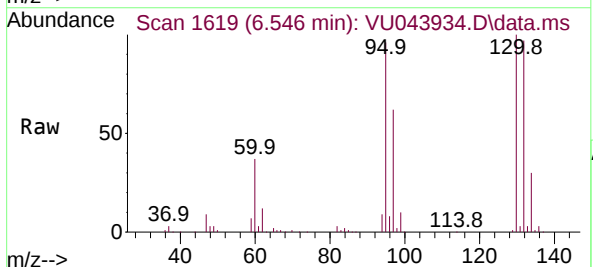
Instrument :
MSVOA_U
ClientSampled :
GB417

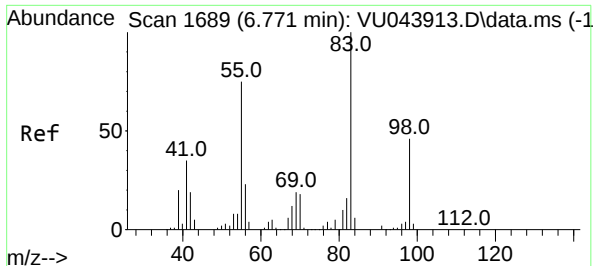
Tgt Ion: 62 Resp: 7162
Ion Ratio Lower Upper
62 100
98 9.7 8.3 12.5



#34
Trichloroethene
Concen: 18.42 ug/L
RT: 6.546 min Scan# 1619
Delta R.T. -0.003 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

Tgt Ion: 95 Resp: 227066
Ion Ratio Lower Upper
95 100
97 64.1 45.5 84.5
132 100.6 70.9 131.7
130 104.2 71.0 131.9





#35

Methylcyclohexane

Concen: 1.06 ug/L

RT: 6.700 min Scan# 1667

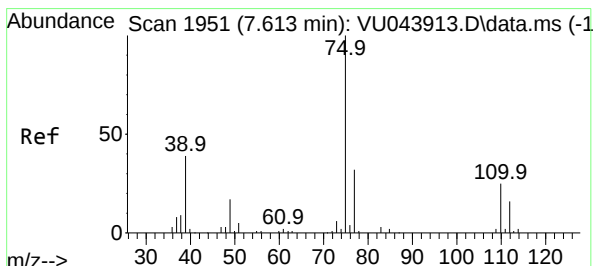
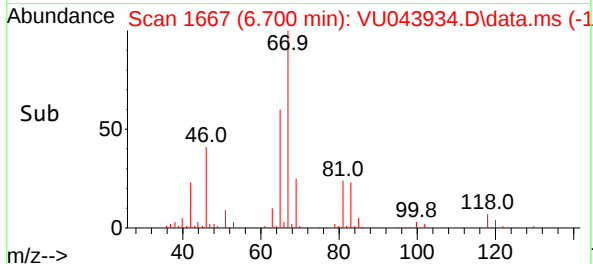
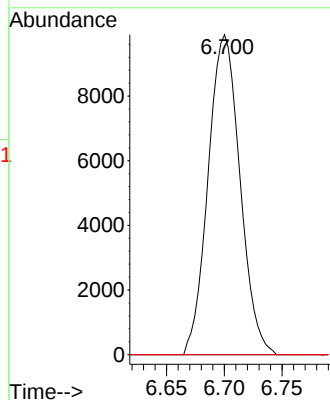
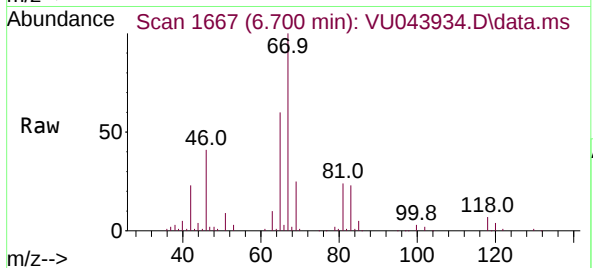
Delta R.T. -0.071 min

Lab File: VU043934.D

Acq: 25 May 2021 01:36

Tgt Ion:	83	Resp:	18989
Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.2	91.8#
98	26.4	37.0	55.4#

Instrument :
MSVOA_U
ClientSampleId :
GB417



#39

cis-1,3-Dichloropropene

Concen: 0.09 ug/L

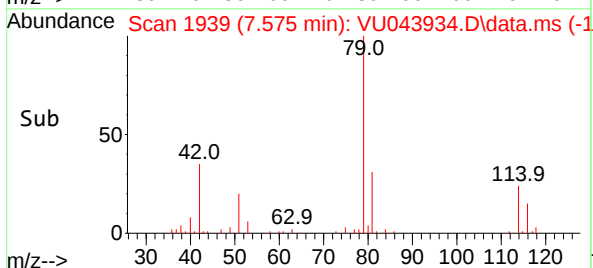
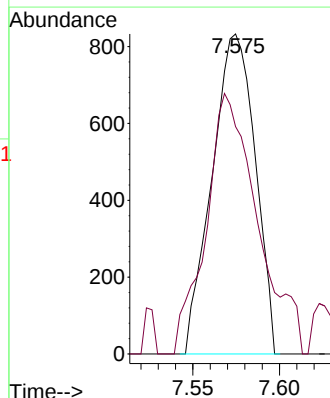
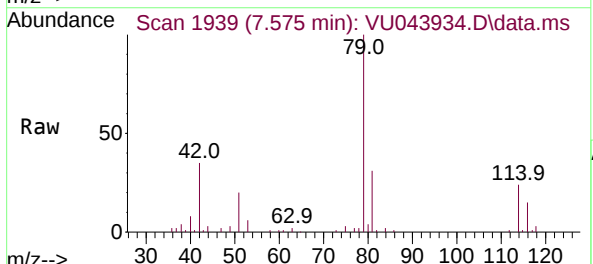
RT: 7.575 min Scan# 1939

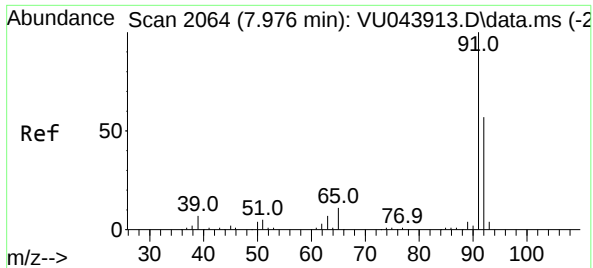
Delta R.T. -0.038 min

Lab File: VU043934.D

Acq: 25 May 2021 01:36

Tgt Ion:	75	Resp:	1445
Ion	Ratio	Lower	Upper
75	100		
77	71.1	22.3	41.3#

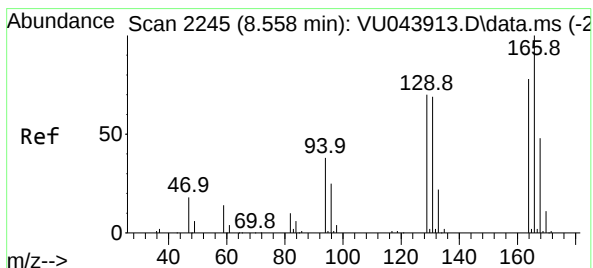
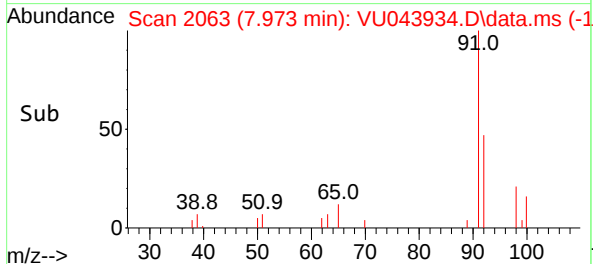
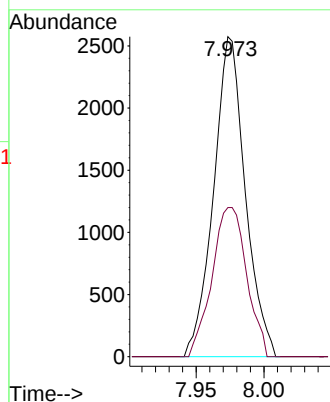
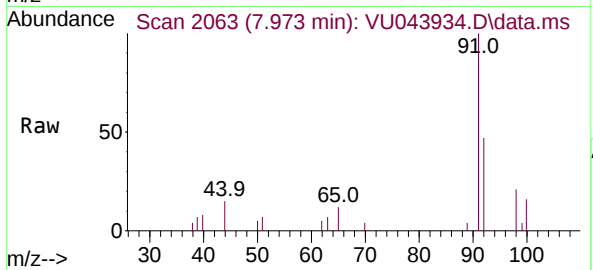




#42
Toluene
Concen: 0.08 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

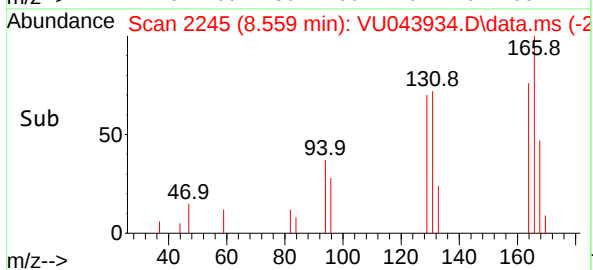
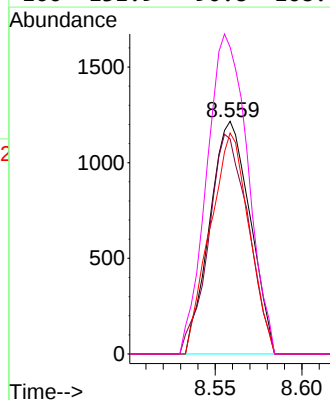
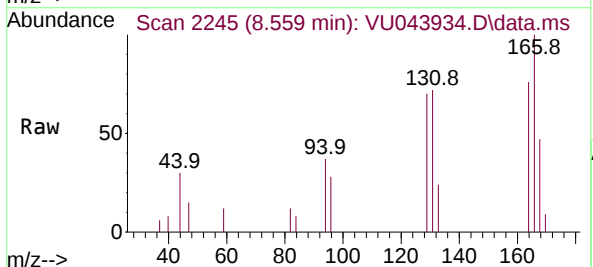
Instrument :
MSVOA_U
ClientSampled :
GB417

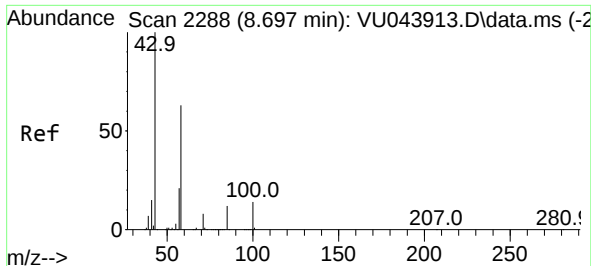
Tgt Ion: 91 Resp: 4185
Ion Ratio Lower Upper
91 100
92 46.6 40.5 75.1



#47
Tetrachloroethene
Concen: 0.19 ug/L
RT: 8.559 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

Tgt Ion: 164 Resp: 1969
Ion Ratio Lower Upper
164 100
129 92.4 64.1 119.1
131 95.0 64.5 119.9
166 131.9 90.8 168.6

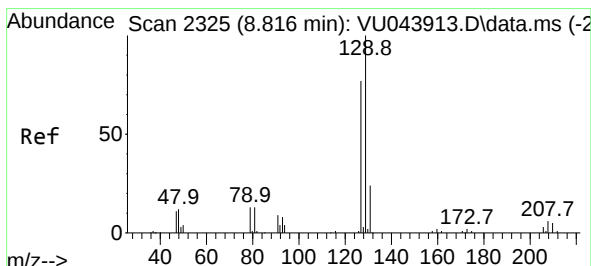
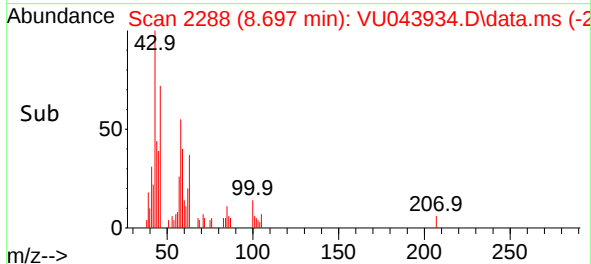
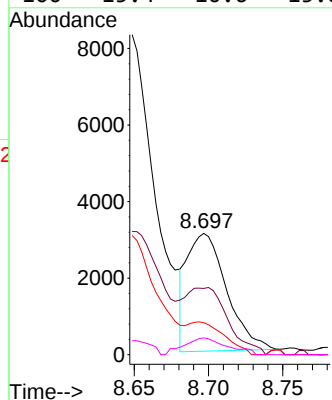
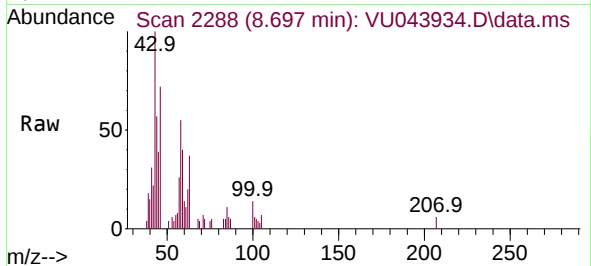




#48
2-Hexanone
Concen: 1.08 ug/L
RT: 8.697 min Scan# 2288
Delta R.T. 0.000 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

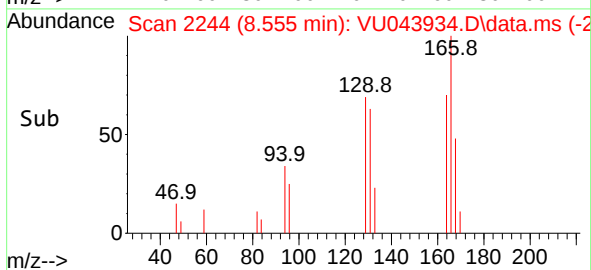
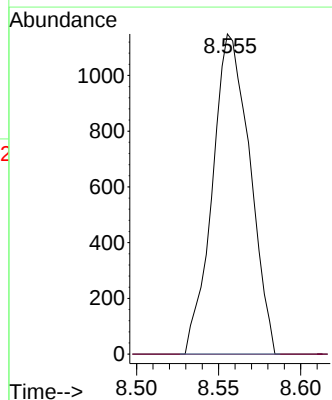
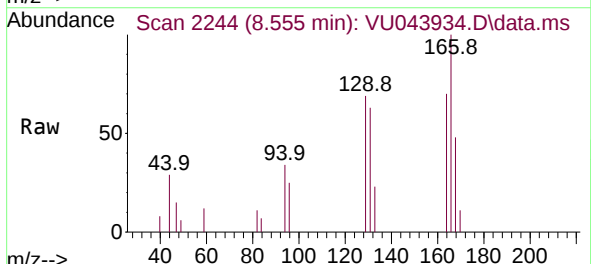
Instrument :
MSVOA_U
ClientSampled :
GB417

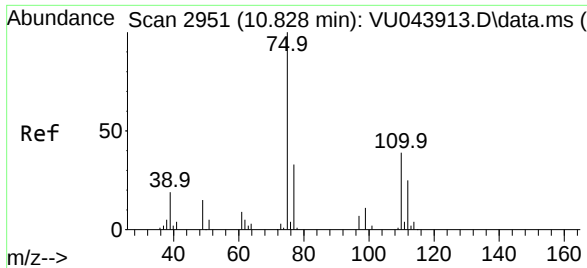
Tgt Ion:	43	Resp:	5706
Ion	Ratio	Lower	Upper
43	100		
58	60.1	49.4	74.0
57	24.7	16.8	25.2
100	15.4	10.6	15.8



#49
Dibromochloromethane
Concen: 0.16 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.260 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

Tgt Ion:	129	Resp:	1821
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#

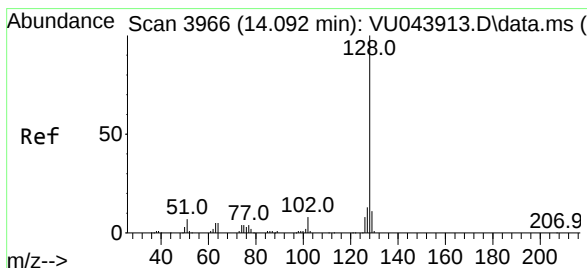
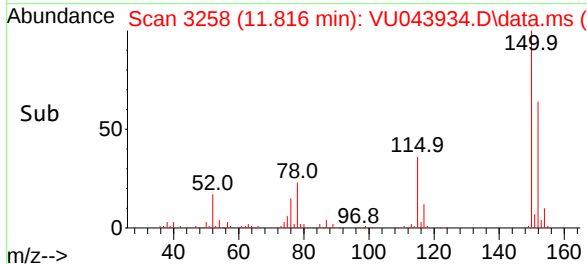
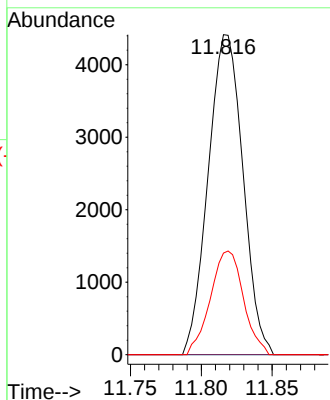
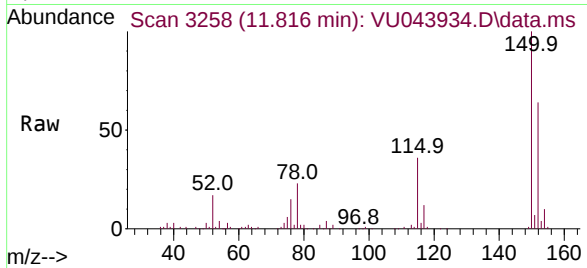




#61
1,2,3-Trichloropropane
Concen: 1.09 ug/L
RT: 11.816 min Scan# 3258
Delta R.T. 0.987 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

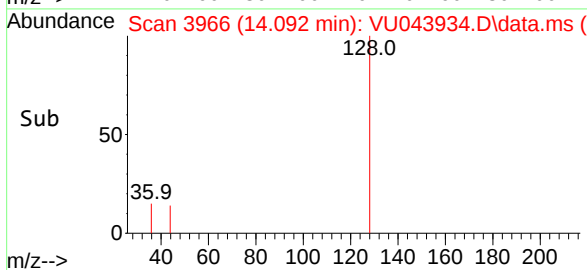
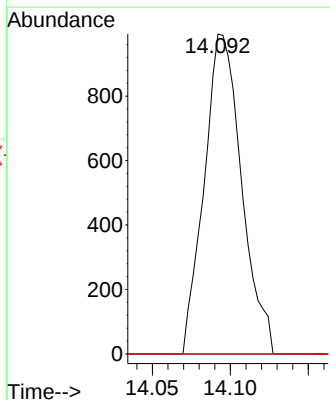
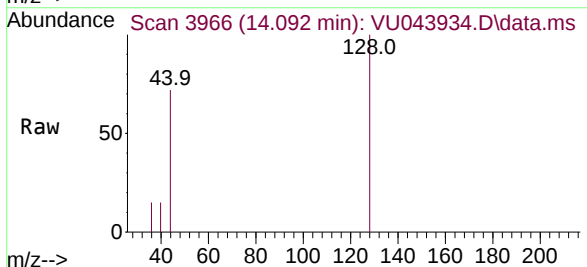
Instrument :
MSVOA_U
ClientSampled :
GB417

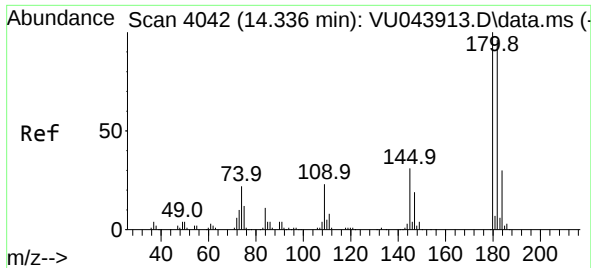
Tgt Ion: 75 Resp: 7530
Ion Ratio Lower Upper
75 100
110 0.0 29.3 43.9#
77 30.8 26.3 39.5



#71
Naphthalene
Concen: 0.08 ug/L
RT: 14.092 min Scan# 3966
Delta R.T. 0.000 min
Lab File: VU043934.D
Acq: 25 May 2021 01:36

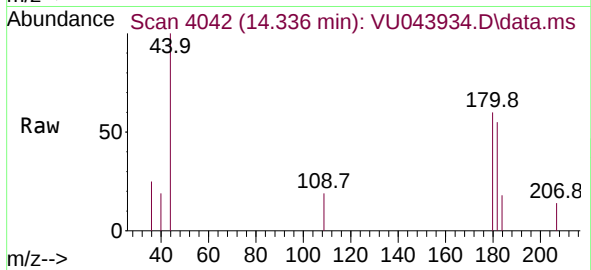
Tgt Ion: 128 Resp: 1658
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.7 16.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.05 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.000 min
 Lab File: VU043934.D
 Acq: 25 May 2021 01:36

Instrument :
 MSVOA_U
 ClientSampleId :
 GB417



Tgt Ion:	180	Resp:	587
Ion Ratio	Lower	Upper	
180	100		
182	85.2	75.0	112.4
145	0.0	24.1	36.1#

