

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043927.D
 Acq On : 24 May 2021 22:49
 Operator : SY/MD
 Sample : M2494-13
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB426

Quant Time: May 25 04:14:48 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)

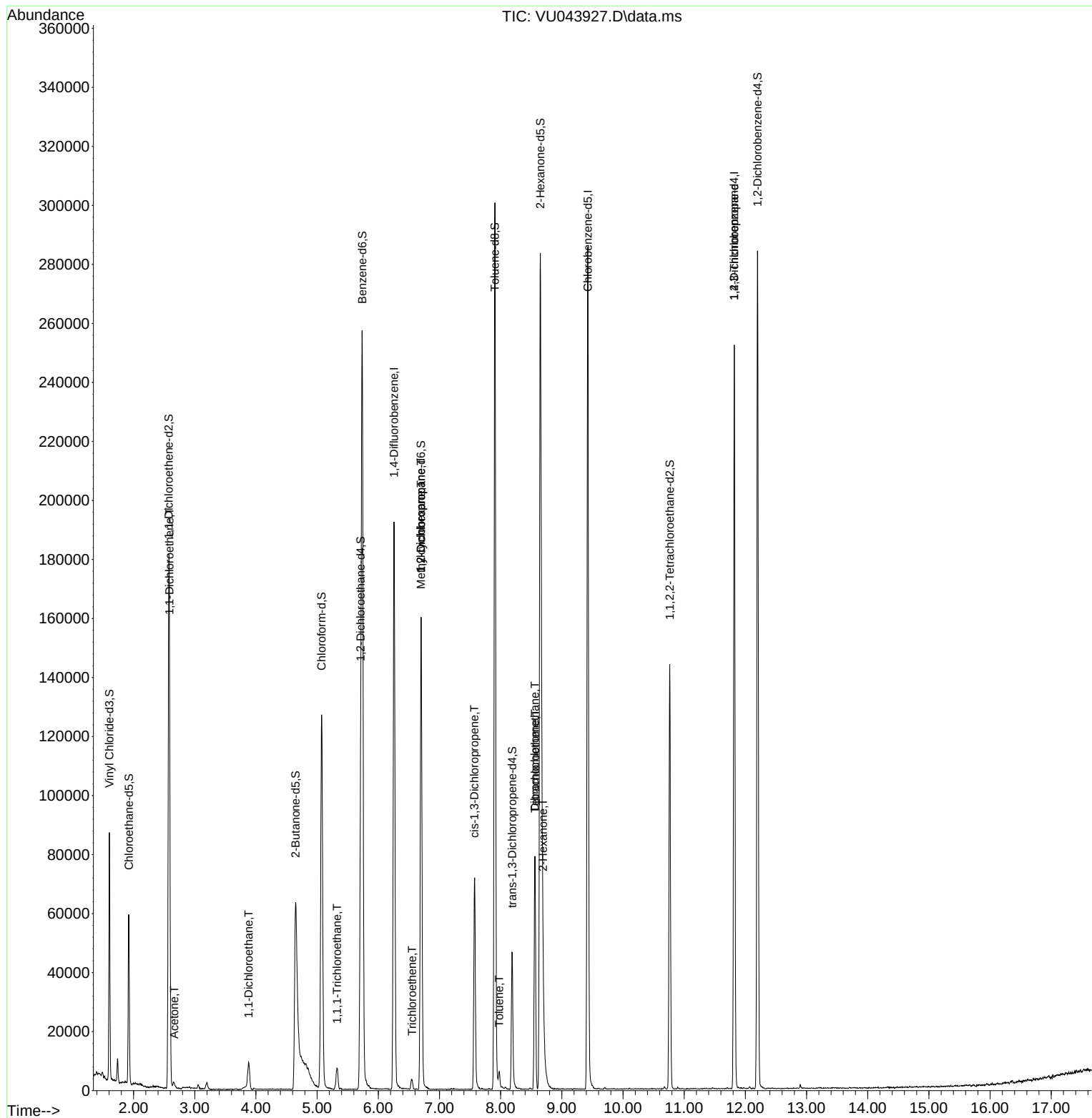
Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	164588	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	171863	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	72149	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	58875	6.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.60%
7) Chloroethane-d5	1.922	69	42912	6.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	129.80%
11) 1,1-Dichloroethene-d2	2.575	65	27439	6.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	123.00%
20) 2-Butanone-d5	4.649	46	126084	43.41	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.82%
24) Chloroform-d	5.073	84	122552	5.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.80%
26) 1,2-Dichloroethane-d4	5.713	65	65608	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.20%
32) Benzene-d6	5.739	84	248900	5.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.00%
36) 1,2-Dichloropropane-d6	6.700	67	80087	5.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	115.20%
41) Toluene-d8	7.906	98	208360	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.80%
43) trans-1,3-Dichloroprop...	8.189	79	27999	5.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
46) 2-Hexanone-d5	8.648	63	129034	55.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.08%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	73282	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
66) 1,2-Dichlorobenzene-d4	12.198	152	83051	6.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	126.60%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.588	96	25278	2.38	ug/L #	34
13) Acetone	2.665	43	1946	1.27	ug/L	67
19) 1,1-Dichloroethane	3.880	63	10764	0.57	ug/L	96
29) 1,1,1-Trichloroethane	5.327	97	5482	0.31	ug/L	97
34) Trichloroethene	6.552	95	1040	0.09	ug/L #	89
35) Methylcyclohexane	6.697	83	19051	1.08	ug/L #	19
37) 1,2-Dichloropropane	6.700	63	8032	0.65	ug/L #	86
39) cis-1,3-Dichloropropene	7.571	75	1755	0.11	ug/L #	67
42) Toluene	7.976	91	3912	0.08	ug/L	95
47) Tetrachloroethene	8.562	164	19829	1.90	ug/L	96
48) 2-Hexanone	8.690	43	7735	1.49	ug/L #	74
49) Dibromochloromethane	8.558	129	17736	1.63	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	7188	1.08	ug/L #	69

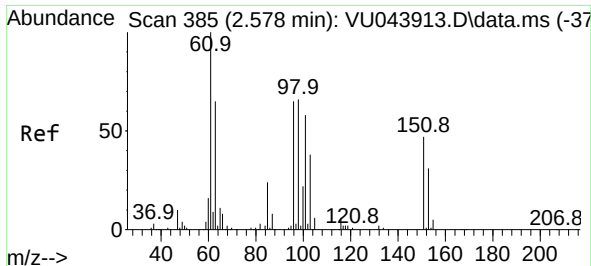
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 2.38 ug/L

RT: 2.588 min Scan# 388

Delta R.T. 0.010 min

Lab File: VU043927.D

Acq: 24 May 2021 22:49

Tgt Ion: 96 Resp: 25278

Ion Ratio Lower Upper

96 100

61 169.3 105.1 195.3

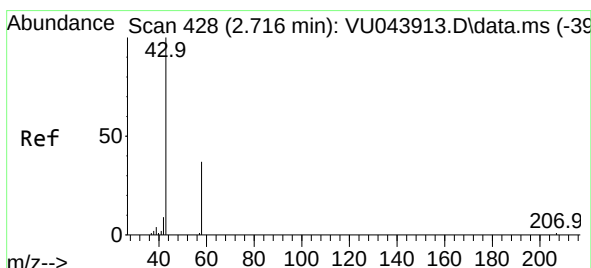
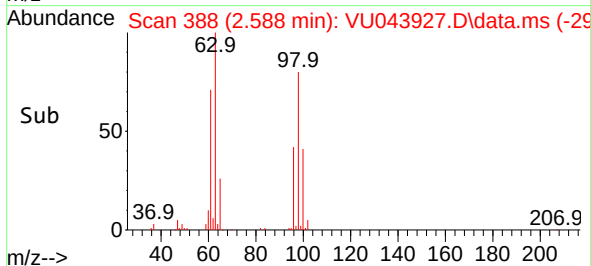
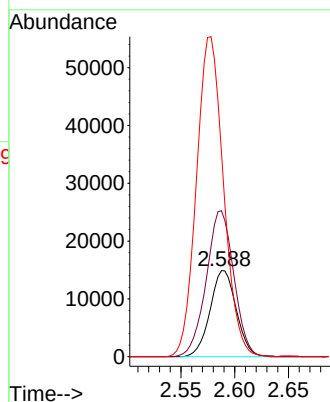
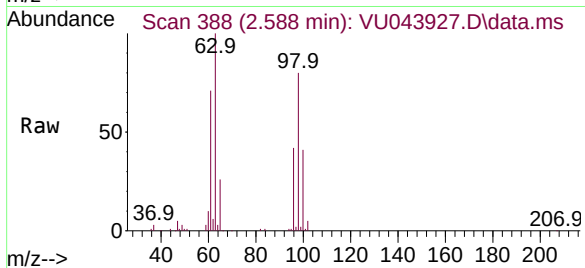
63 237.3 66.6 123.6#

Instrument :

MSVOA_U

ClientSampleId :

GB426



#13

Acetone

Concen: 1.27 ug/L

RT: 2.665 min Scan# 412

Delta R.T. -0.051 min

Lab File: VU043927.D

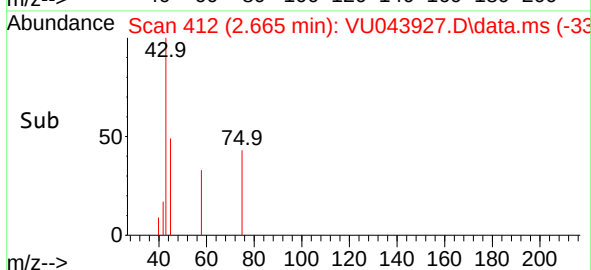
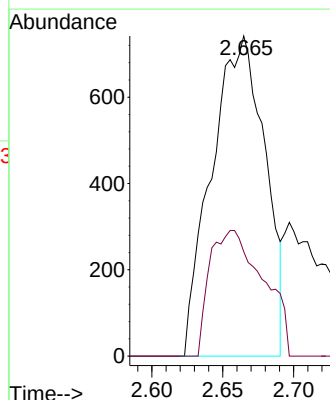
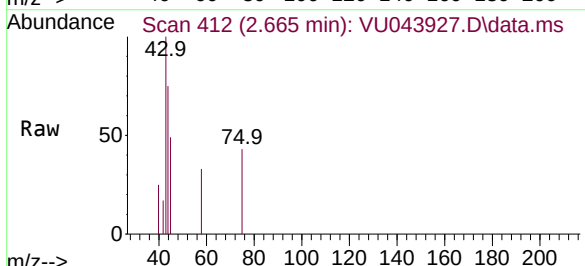
Acq: 24 May 2021 22:49

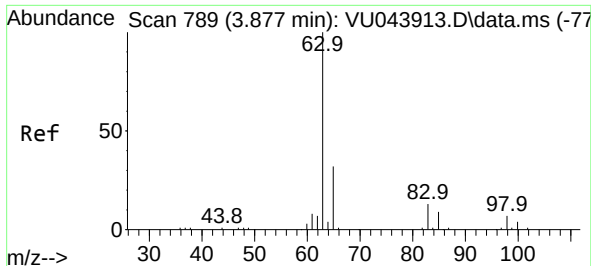
Tgt Ion: 43 Resp: 1946

Ion Ratio Lower Upper

43 100

58 39.3 0.0 46.2





#19

1,1-Dichloroethane

Concen: 0.57 ug/L

RT: 3.880 min Scan# 790

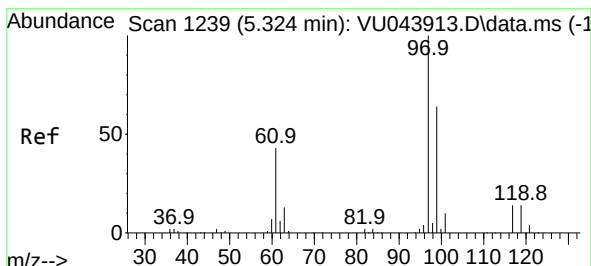
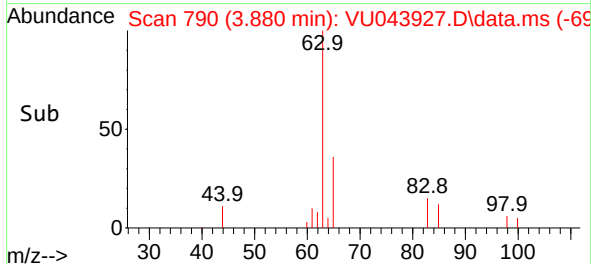
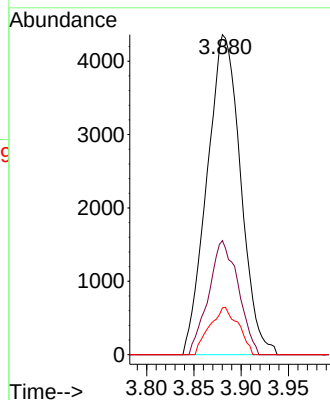
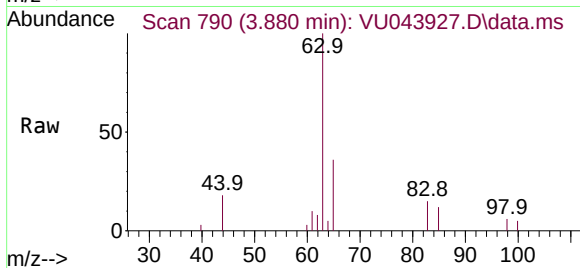
Delta R.T. 0.003 min

Lab File: VU043927.D

Acq: 24 May 2021 22:49

Tgt Ion:	63	Resp:	10764
Ion	Ratio	Lower	Upper
63	100		
65	35.7	23.2	43.2
83	14.6	9.7	18.1

Instrument :
MSVOA_U
ClientSampled :
GB426



#29

1,1,1-Trichloroethane

Concen: 0.31 ug/L

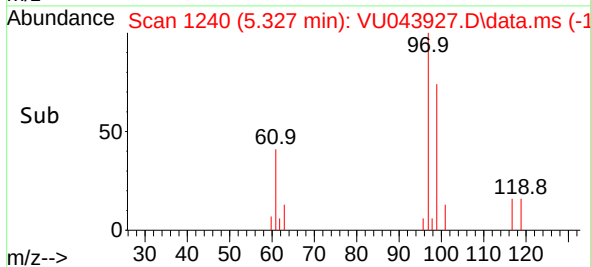
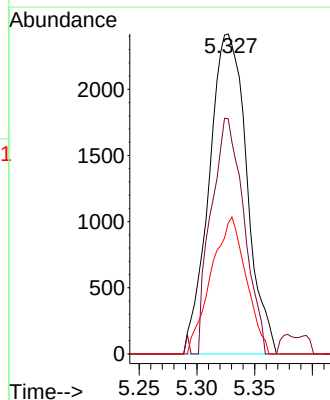
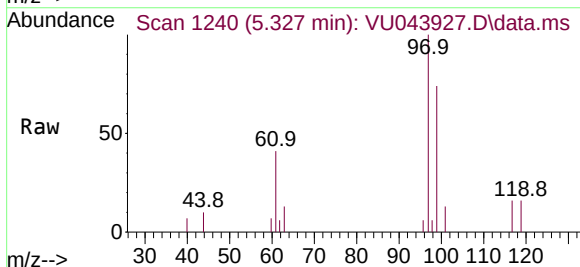
RT: 5.327 min Scan# 1240

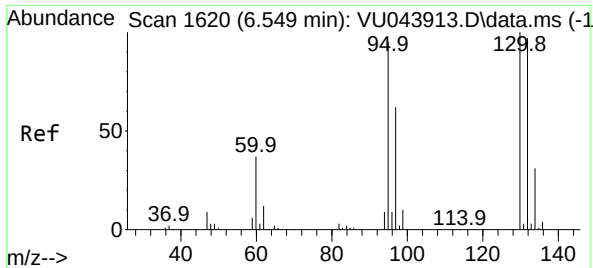
Delta R.T. 0.003 min

Lab File: VU043927.D

Acq: 24 May 2021 22:49

Tgt Ion:	97	Resp:	5482
Ion	Ratio	Lower	Upper
97	100		
99	64.0	51.9	77.9
61	39.8	34.7	52.1

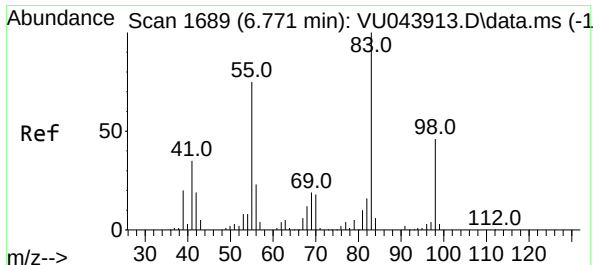
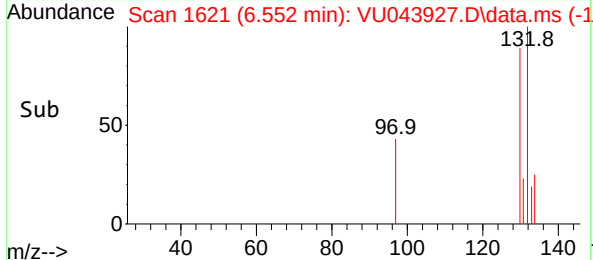
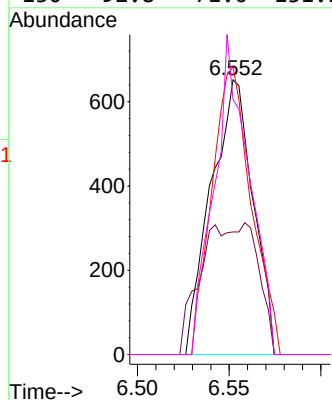
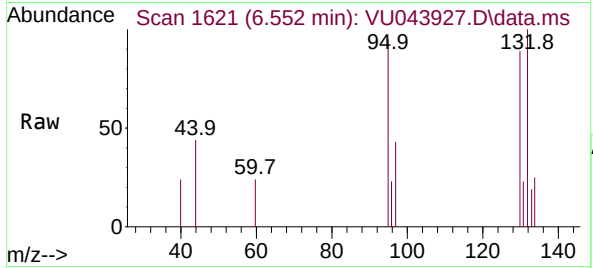




#34
Trichloroethene
Concen: 0.09 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043927.D
Acq: 24 May 2021 22:49

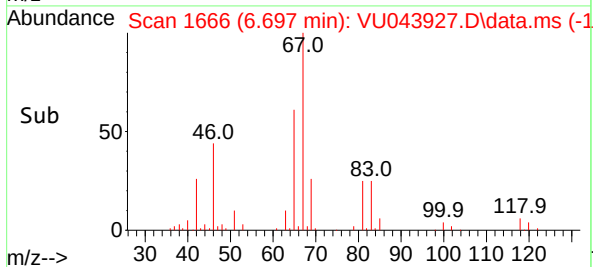
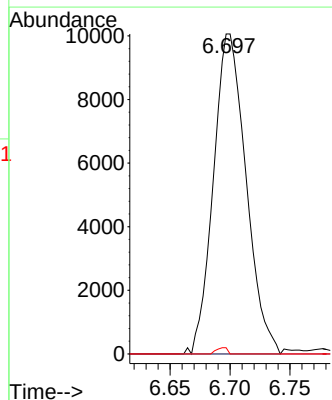
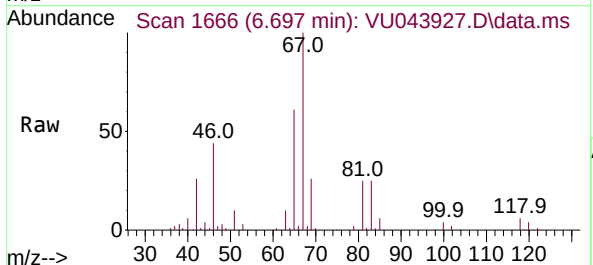
Instrument :
MSVOA_U
ClientSampleId :
GB426

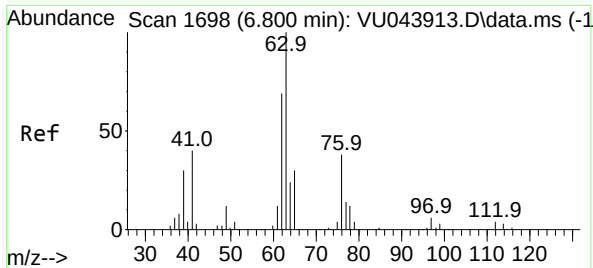
Tgt Ion: 95 Resp: 1040
Ion Ratio Lower Upper
95 100
97 44.6 45.5 84.5#
132 104.8 70.9 131.7
130 92.8 71.0 131.9



#35
Methylcyclohexane
Concen: 1.08 ug/L
RT: 6.697 min Scan# 1666
Delta R.T. -0.074 min
Lab File: VU043927.D
Acq: 24 May 2021 22:49

Tgt Ion: 83 Resp: 19051
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.7 37.0 55.4#

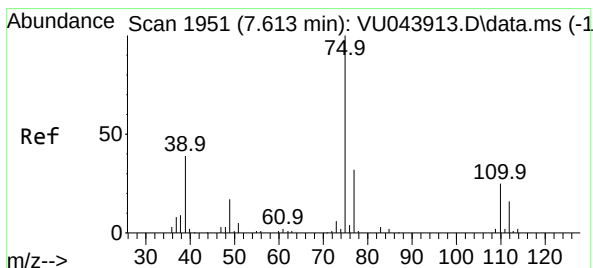
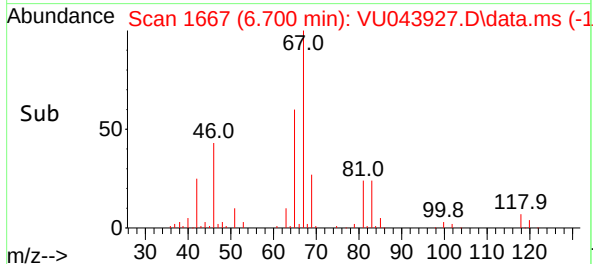
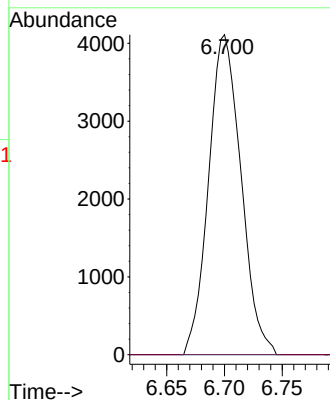
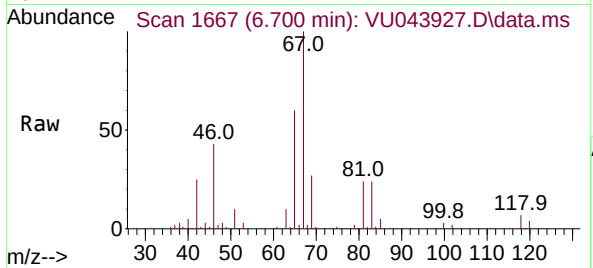




#37
1,2-Dichloropropane
Concen: 0.65 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043927.D
Acq: 24 May 2021 22:49

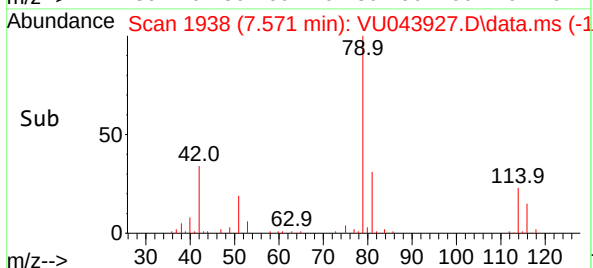
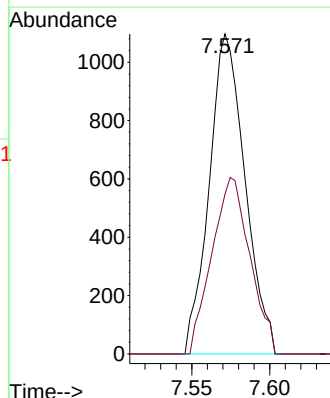
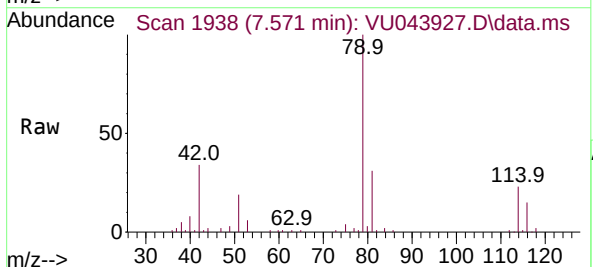
Instrument :
MSVOA_U
ClientSampleId :
GB426

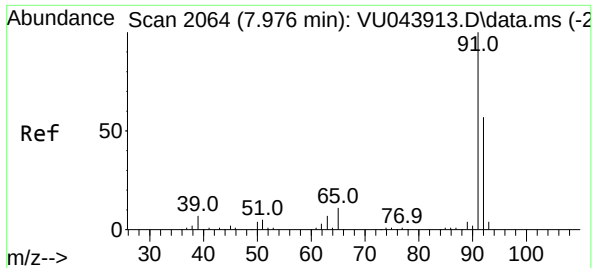
Tgt Ion: 63 Resp: 8032
Ion Ratio Lower Upper
63 100
112 0.0 3.7 5.5#



#39
cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.042 min
Lab File: VU043927.D
Acq: 24 May 2021 22:49

Tgt Ion: 75 Resp: 1755
Ion Ratio Lower Upper
75 100
77 50.0 22.3 41.3#

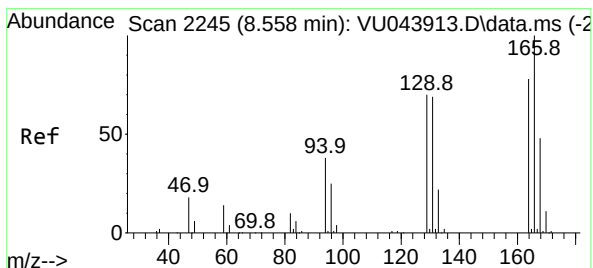
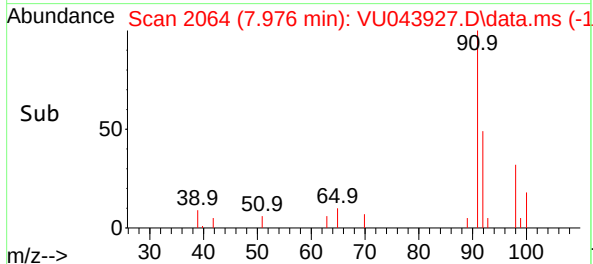
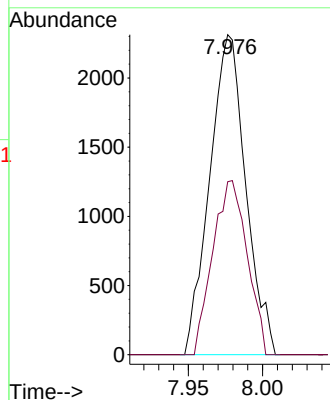
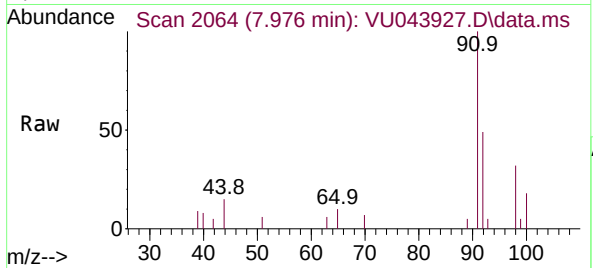




#42
Toluene
Concen: 0.08 ug/L
RT: 7.976 min Scan# 2064
Delta R.T. -0.000 min
Lab File: VU043927.D
Acq: 24 May 2021 22:49

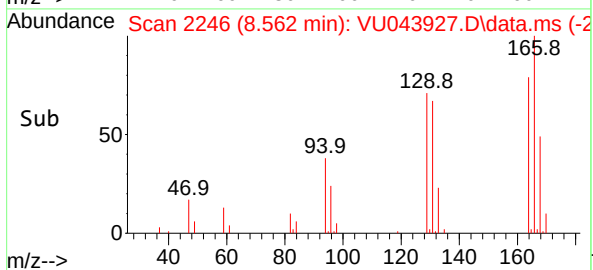
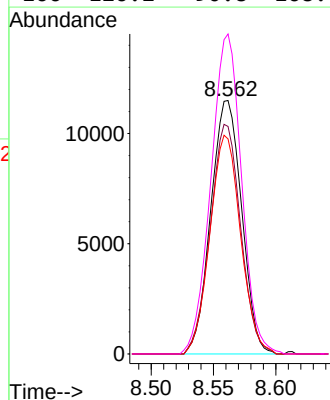
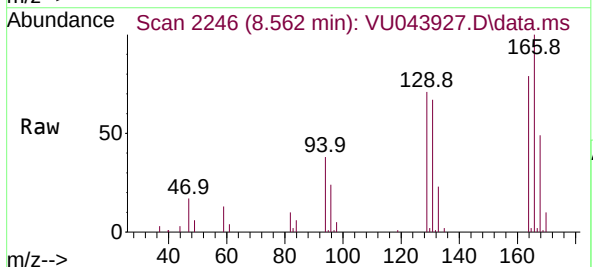
Instrument :
MSVOA_U
ClientSampleId :
GB426

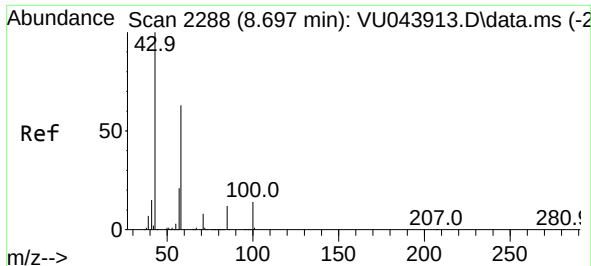
Tgt Ion: 91 Resp: 3912
Ion Ratio Lower Upper
91 100
92 54.0 40.5 75.1



#47
Tetrachloroethene
Concen: 1.90 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.003 min
Lab File: VU043927.D
Acq: 24 May 2021 22:49

Tgt Ion: 164 Resp: 19829
Ion Ratio Lower Upper
164 100
129 89.7 64.1 119.1
131 84.8 64.5 119.9
166 126.2 90.8 168.6





#48

2-Hexanone

Concen: 1.49 ug/L

RT: 8.690 min Scan# 2286

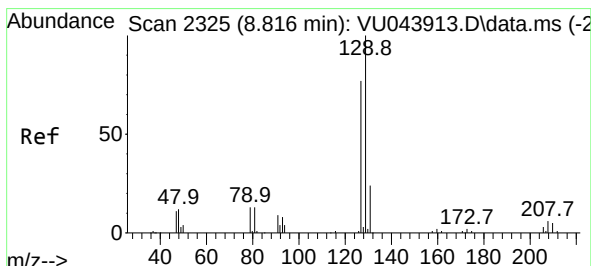
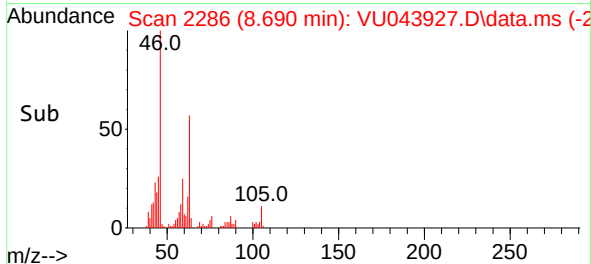
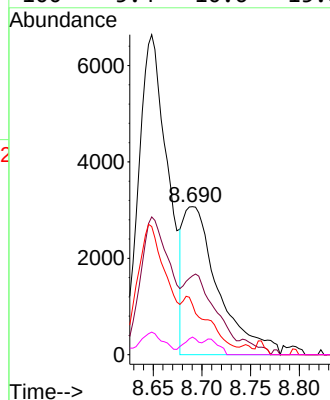
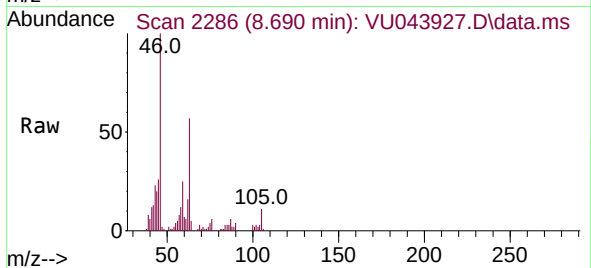
Delta R.T. -0.006 min

Lab File: VU043927.D

Acq: 24 May 2021 22:49

Instrument :
MSVOA_U
ClientSampled :
GB426

Tgt Ion:	43	Resp:	7735
Ion	Ratio	Lower	Upper
43	100		
58	35.8	49.4	74.0#
57	24.0	16.8	25.2
100	5.4	10.6	15.8#



#49

Dibromochloromethane

Concen: 1.63 ug/L

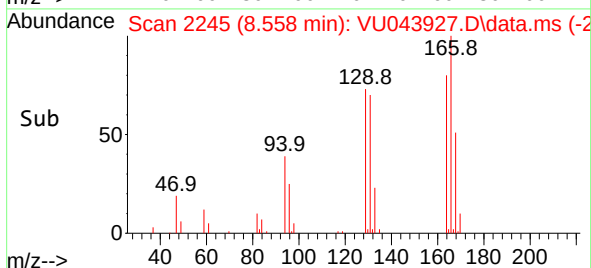
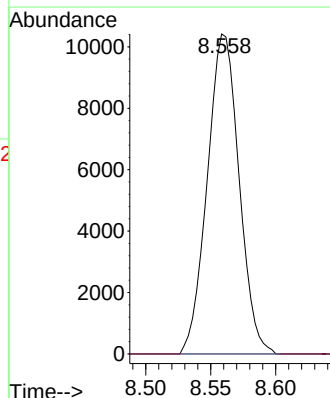
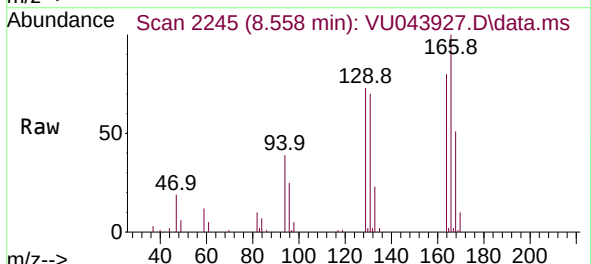
RT: 8.558 min Scan# 2245

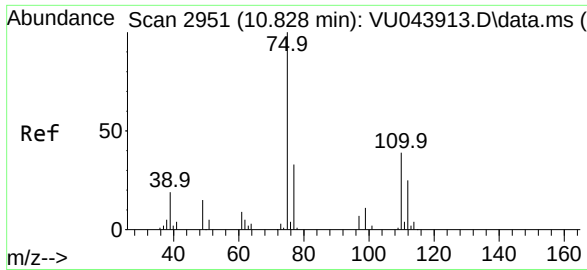
Delta R.T. -0.257 min

Lab File: VU043927.D

Acq: 24 May 2021 22:49

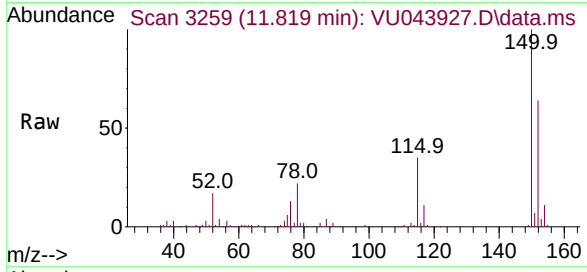
Tgt Ion:	129	Resp:	17736
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.1	100.5#





#61
 1,2,3-Trichloropropane
 Concen: 1.08 ug/L
 RT: 11.819 min Scan# 3259
 Delta R.T. 0.990 min
 Lab File: VU043927.D
 Acq: 24 May 2021 22:49

Instrument :
 MSVOA_U
 ClientSampleId :
 GB426



Tgt Ion: 75 Resp: 7188
 Ion Ratio Lower Upper
 75 100
 110 2.3 29.3 43.9#
 77 32.1 26.3 39.5

