

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052421\
 Data File : VU043961.D
 Acq On : 25 May 2021 14:12
 Operator : SY/MD
 Sample : M2494-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB418

Quant Time: May 25 14:30:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR052421WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue May 25 07:46:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.259	114	225584	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	236605	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	101232	5.00	ug/L	0.00

System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	56173	4.48	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.60%
7) Chloroethane-d5	1.919	69	41791	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.575	65	27554	4.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.20%
20) 2-Butanone-d5	4.649	46	153031	38.44	ug/L	-0.05
Spiked Amount	50.000	Range	40 - 130	Recovery	=	76.88%
24) Chloroform-d	5.073	84	132611	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.713	65	69210	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.739	84	263664	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.80%
36) 1,2-Dichloropropane-d6	6.700	67	86601	4.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.60%
41) Toluene-d8	7.906	98	216603	3.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.40%
43) trans-1,3-Dichloroprop...	8.185	79	29645	4.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.20%
46) 2-Hexanone-d5	8.648	63	141900	44.37	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.74%
56) 1,1,2,2-Tetrachloroeth...	10.764	84	78037	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
66) 1,2-Dichlorobenzene-d4	12.201	152	90387	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

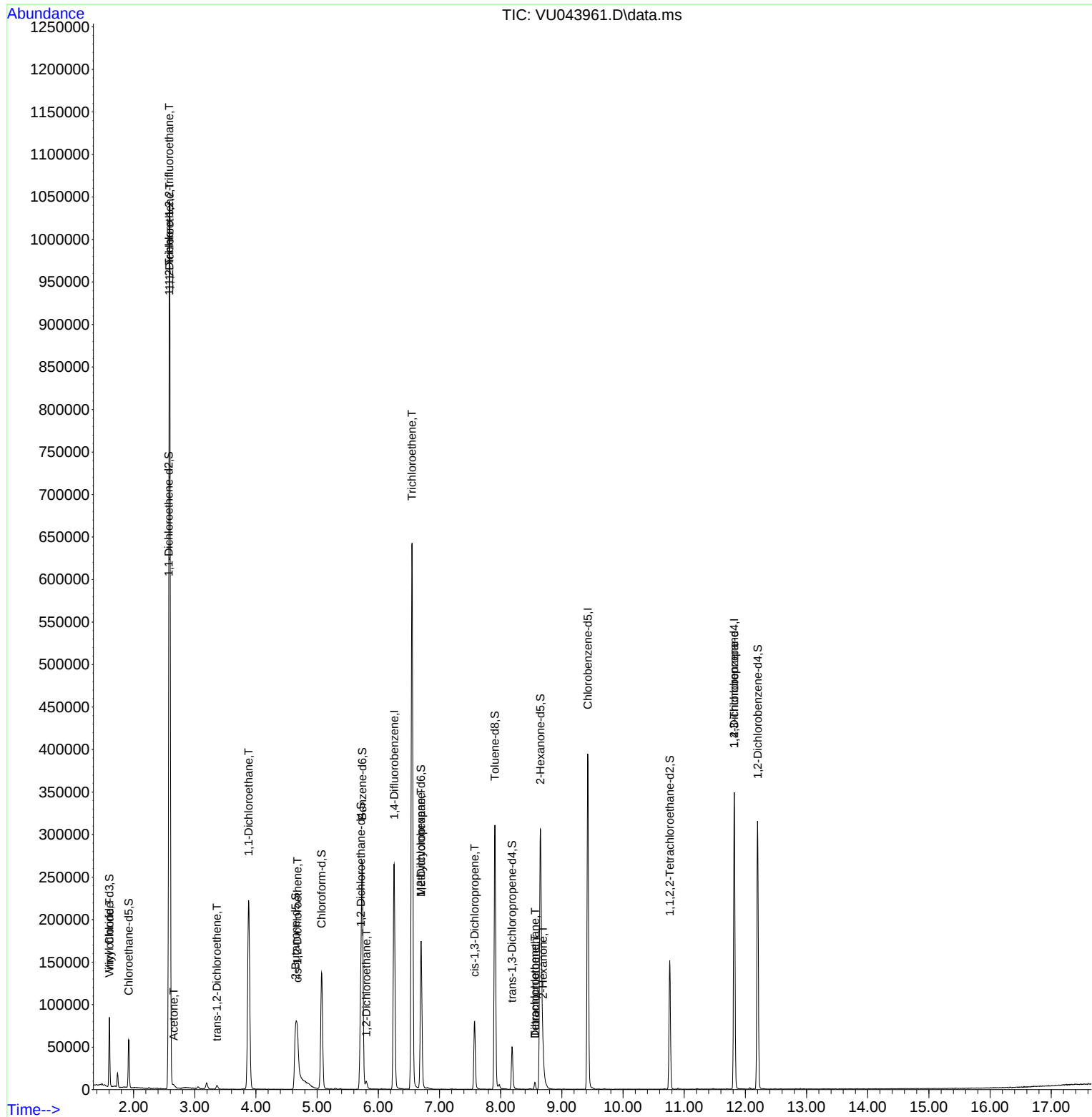
Target Compounds				Qvalue		
5) Vinyl chloride	1.607	62	1630	0.11	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-...	2.581	101	1655	0.11	ug/L #	20
12) 1,1-Dichloroethene	2.588	96	362186	24.85	ug/L #	85
13) Acetone	2.655	43	6000	2.86	ug/L	81
18) trans-1,2-Dichloroethene	3.362	96	2263	0.15	ug/L	92
19) 1,1-Dichloroethane	3.880	63	261438	10.05	ug/L	99
22) cis-1,2-Dichloroethene	4.678	96	18814	1.16	ug/L	94
27) 1,2-Dichloroethane	5.803	62	6686	0.39	ug/L	98
34) Trichloroethene	6.549	95	224858	13.50	ug/L	98
35) Methylcyclohexane	6.700	83	20425	0.84	ug/L #	18
39) cis-1,3-Dichloropropene	7.575	75	1897	0.09	ug/L #	52
47) Tetrachloroethene	8.558	164	1914	0.13	ug/L	97
48) 2-Hexanone	8.693	43	6709	0.94	ug/L #	37
49) Dibromochloromethane	8.562	129	1673	0.11	ug/L #	11
61) 1,2,3-Trichloropropane	11.819	75	10035	1.08	ug/L #	68

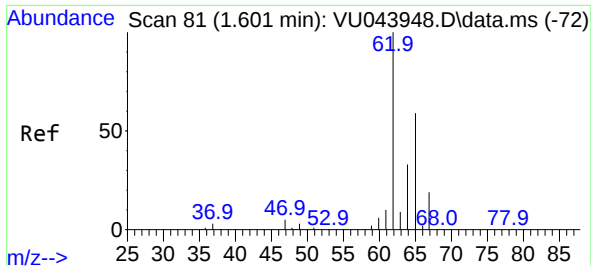
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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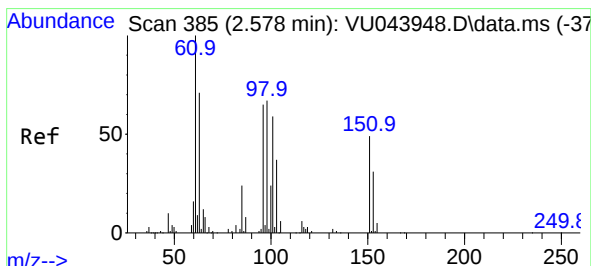
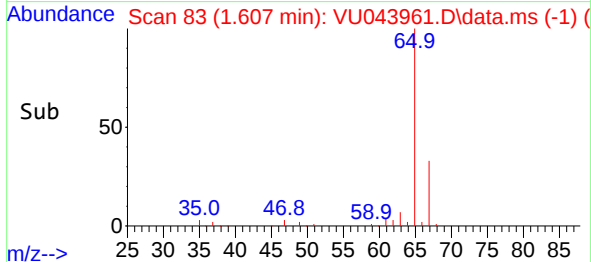
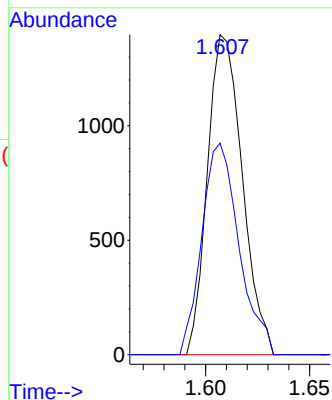
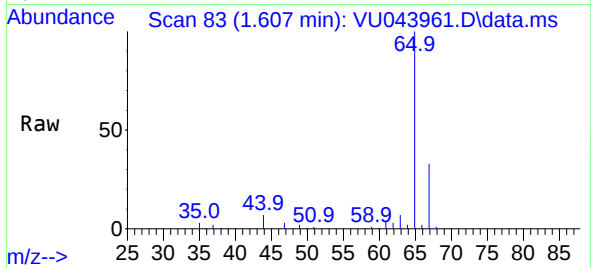




#5
 Vinyl chloride
 Concen: 0.11 ug/L
 RT: 1.607 min Scan# 83
 Delta R.T. 0.006 min
 Lab File: VU043961.D
 Acq: 25 May 2021 14:12

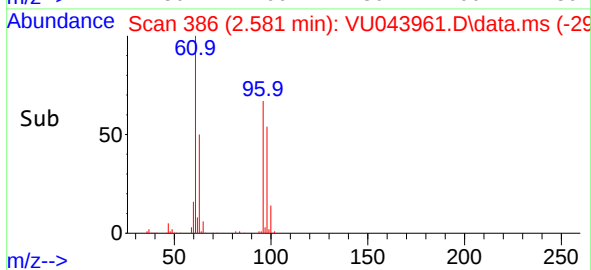
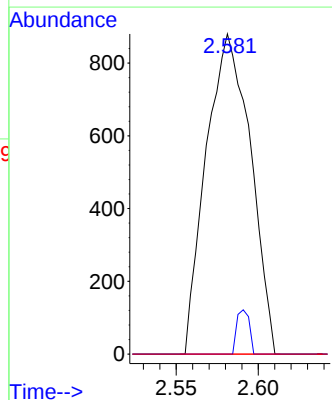
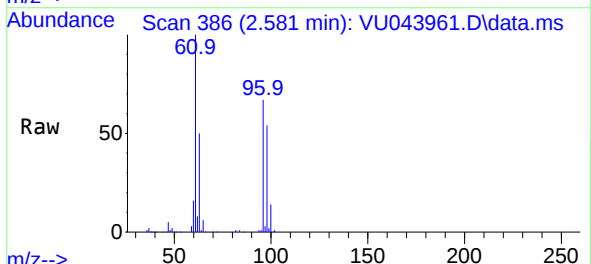
Instrument :
 MSVOA_U
 ClientSampleID :
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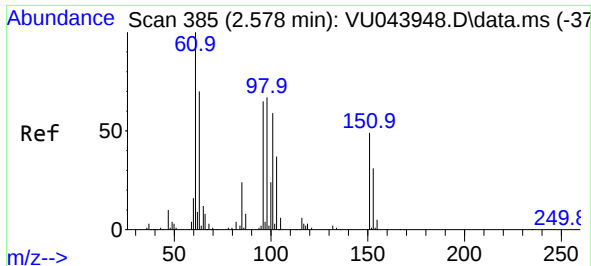
Tgt Ion: 62 Resp: 1630
 Ion Ratio Lower Upper
 62 100
 64 66.1 23.2 43.2#



#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 0.11 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. 0.003 min
 Lab File: VU043961.D
 Acq: 25 May 2021 14:12

Tgt Ion: 101 Resp: 1655
 Ion Ratio Lower Upper
 101 100
 85 3.9 32.5 48.7#
 151 0.0 64.9 97.3#

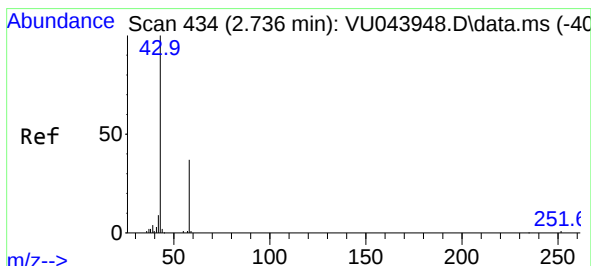
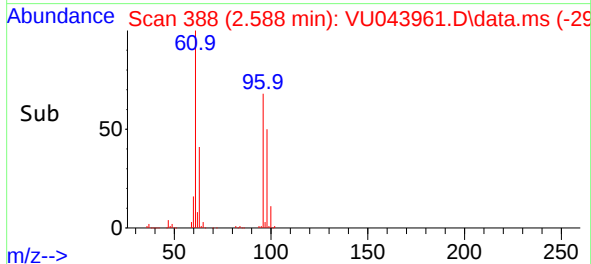
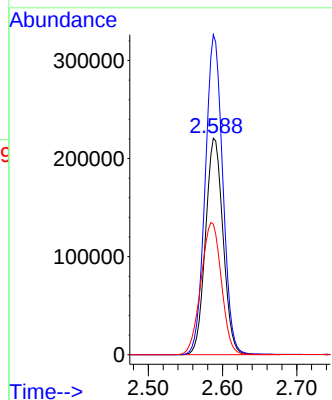
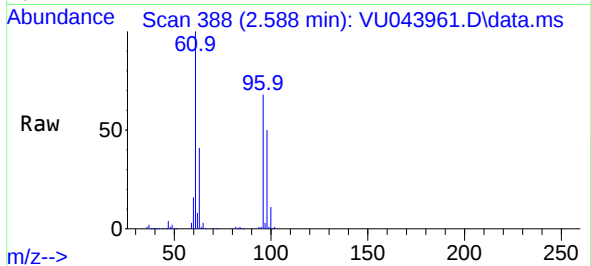




#12
1,1-Dichloroethene
Concen: 24.85 ug/L
RT: 2.588 min Scan# 388
Delta R.T. 0.010 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

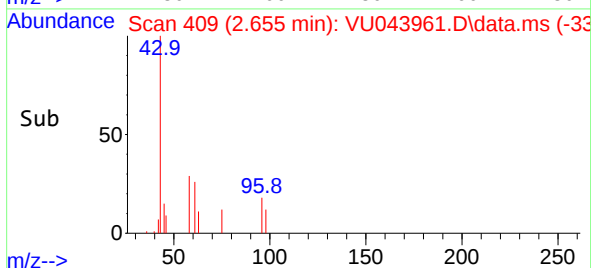
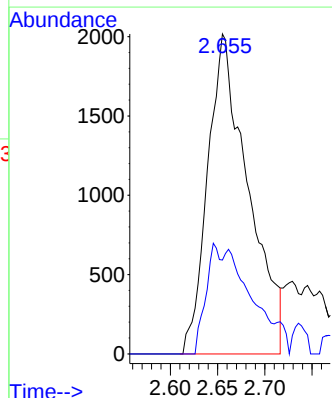
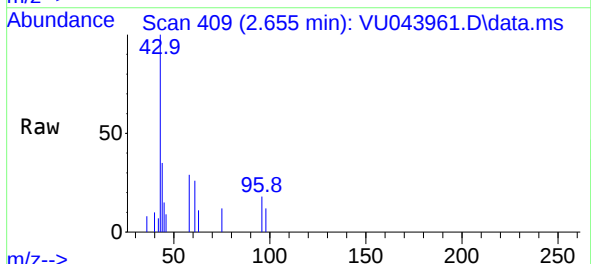
Instrument :
MSVOA_U
ClientSampled :
GB418

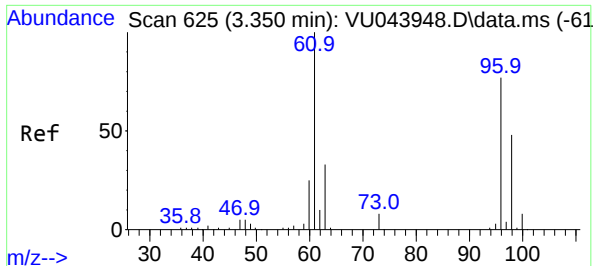
Tgt Ion: 96 Resp: 362186
Ion Ratio Lower Upper
96 100
61 147.8 105.1 195.3
63 60.3 66.6 123.6#



#13
Acetone
Concen: 2.86 ug/L
RT: 2.655 min Scan# 409
Delta R.T. -0.067 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

Tgt Ion: 43 Resp: 6000
Ion Ratio Lower Upper
43 100
58 13.7 0.0 46.2

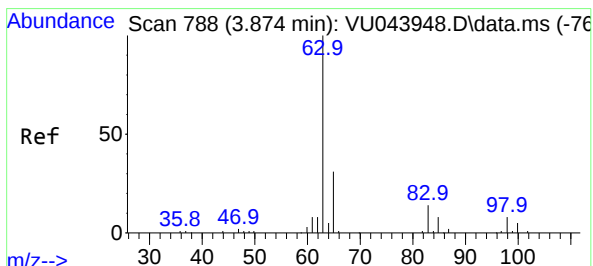
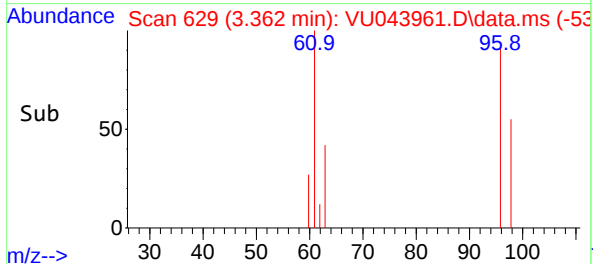
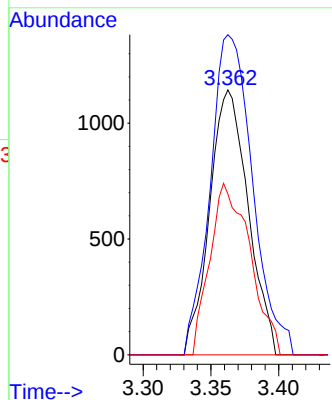
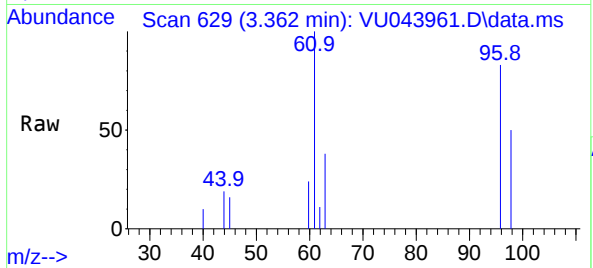




#18
trans-1,2-Dichloroethene
Concen: 0.15 ug/L
RT: 3.362 min Scan# 629
Delta R.T. 0.013 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

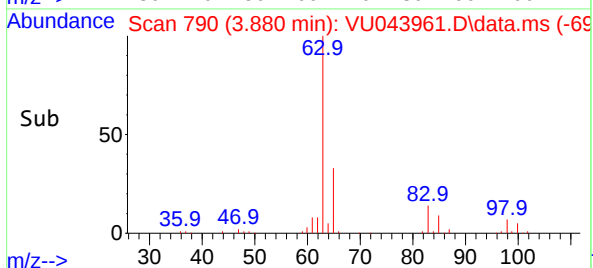
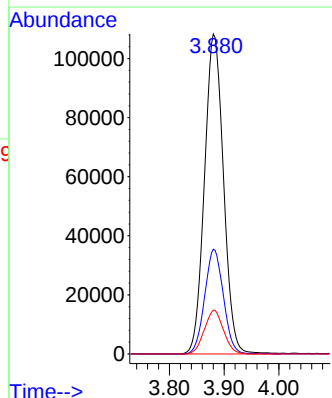
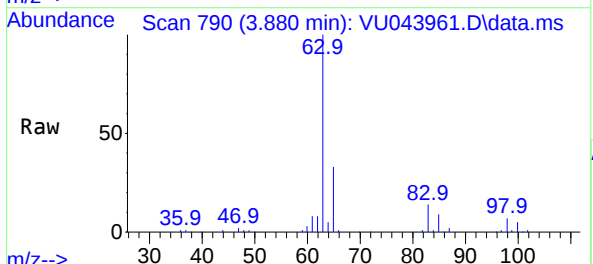
Instrument :
MSVOA_U
ClientSampleId :
GB418

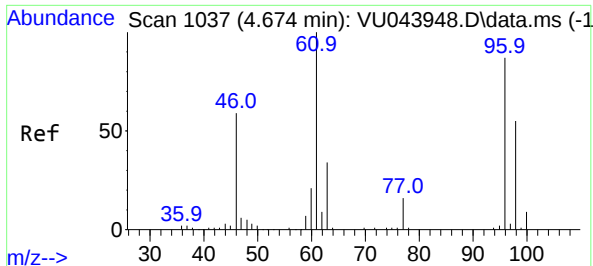
Tgt Ion: 96 Resp: 2263
Ion Ratio Lower Upper
96 100
61 120.8 93.9 174.3
98 60.7 43.5 80.7



#19
1,1-Dichloroethane
Concen: 10.05 ug/L
RT: 3.880 min Scan# 790
Delta R.T. 0.006 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

Tgt Ion: 63 Resp: 261438
Ion Ratio Lower Upper
63 100
65 32.7 23.2 43.2
83 13.7 9.7 18.1





#22

cis-1,2-Dichloroethene

Concen: 1.16 ug/L

RT: 4.678 min Scan# 1038

Delta R.T. 0.003 min

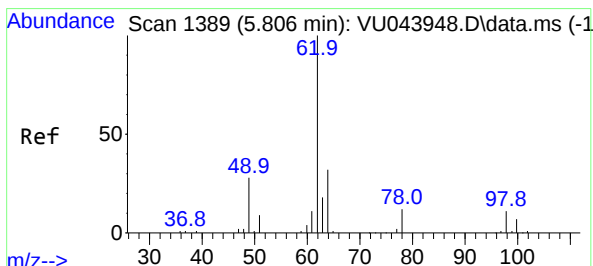
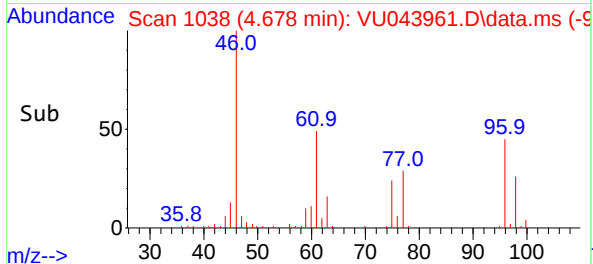
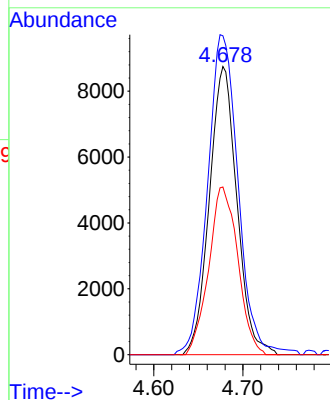
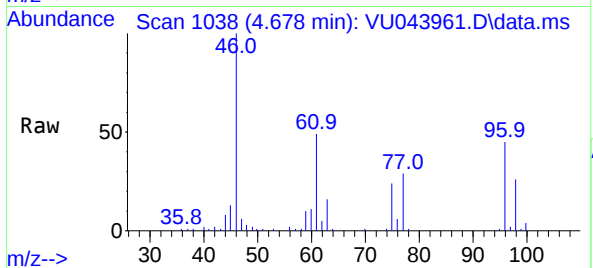
Lab File: VU043961.D

Acq: 25 May 2021 14:12

Tgt Ion: 96 Resp: 18814

Ion	Ratio	Lower	Upper
96	100		
61	110.7	82.9	153.9
98	58.2	43.3	80.5

Instrument :
MSVOA_U
ClientSampleId :
GB418



#27

1,2-Dichloroethane

Concen: 0.39 ug/L

RT: 5.803 min Scan# 1388

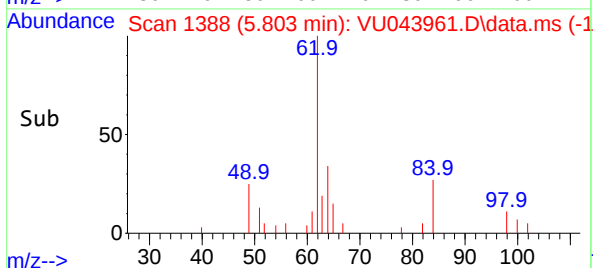
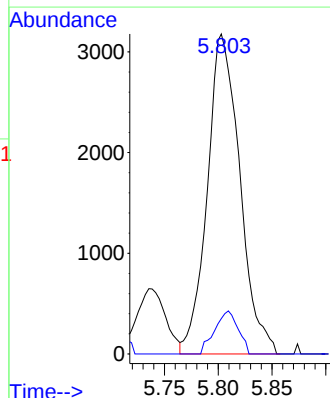
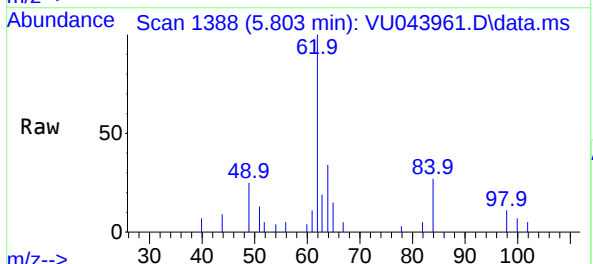
Delta R.T. -0.003 min

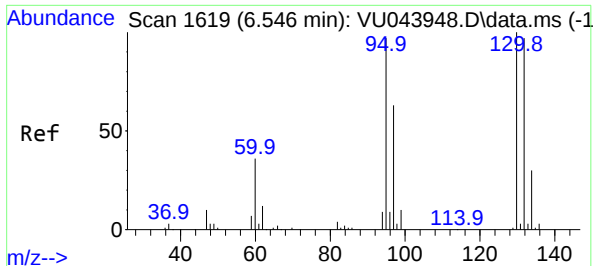
Lab File: VU043961.D

Acq: 25 May 2021 14:12

Tgt Ion: 62 Resp: 6686

Ion	Ratio	Lower	Upper
62	100		
98	11.0	8.3	12.5

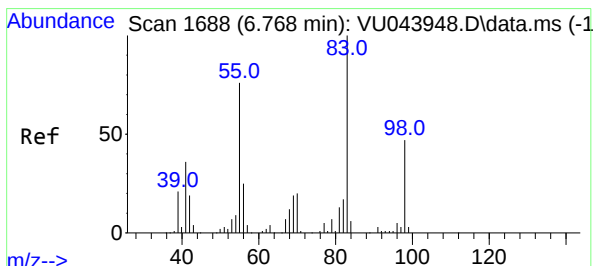
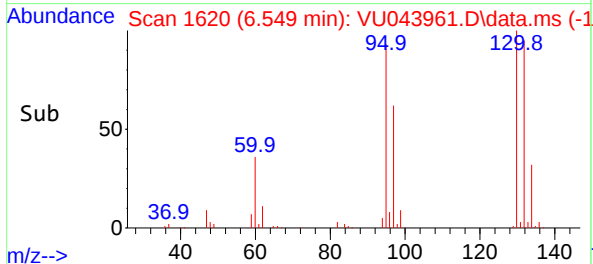
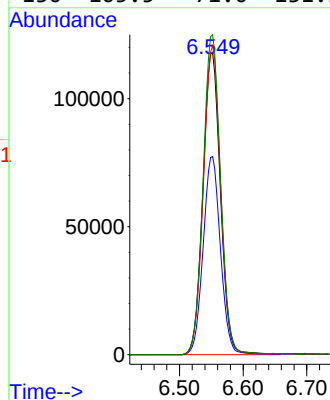
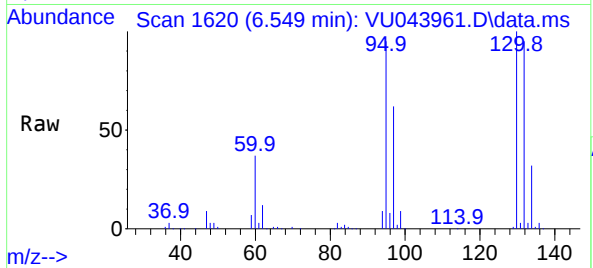




#34
Trichloroethene
Concen: 13.50 ug/L
RT: 6.549 min Scan# 1620
Delta R.T. 0.003 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

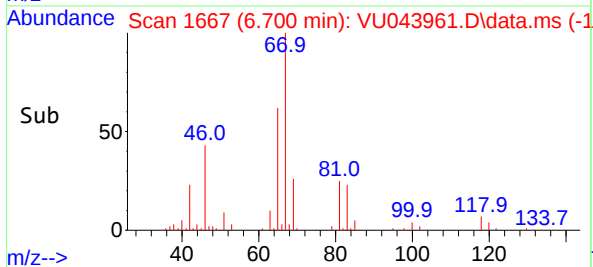
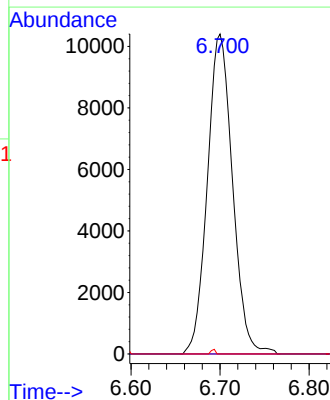
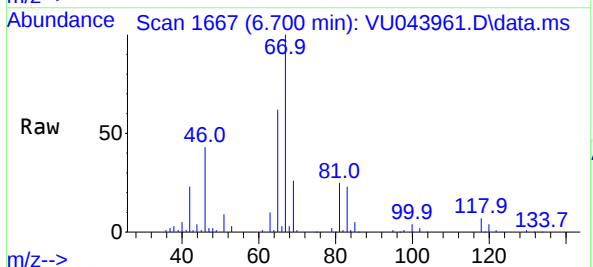
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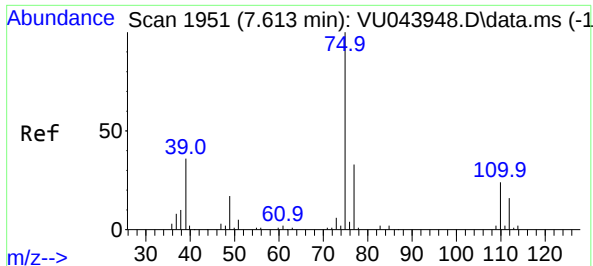
Tgt Ion: 95 Resp: 224858
Ion Ratio Lower Upper
95 100
97 65.5 45.5 84.5
132 100.4 70.9 131.7
130 105.5 71.0 131.9



#35
Methylcyclohexane
Concen: 0.84 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.064 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

Tgt Ion: 83 Resp: 20425
Ion Ratio Lower Upper
83 100
55 0.0 61.2 91.8#
98 0.0 37.0 55.4#

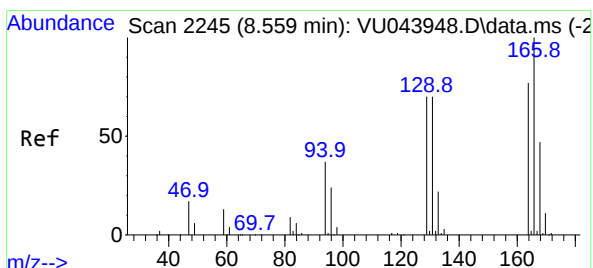
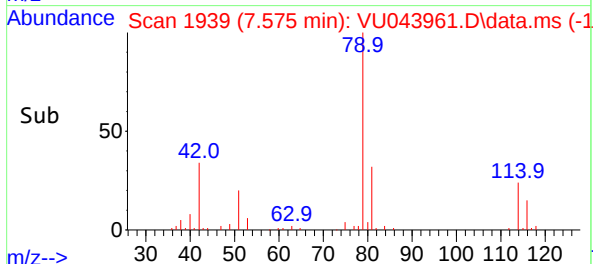
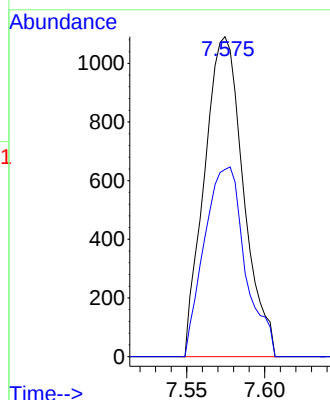
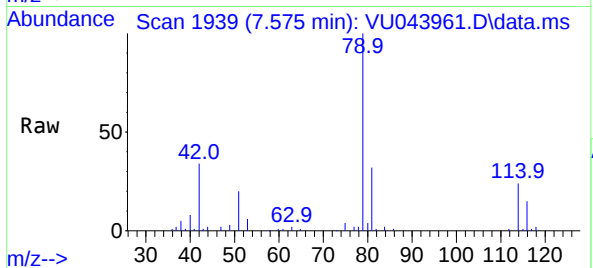




#39
cis-1,3-Dichloropropene
Concen: 0.09 ug/L
RT: 7.575 min Scan# 1939
Delta R.T. -0.039 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

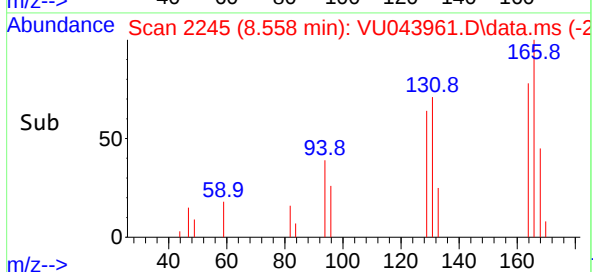
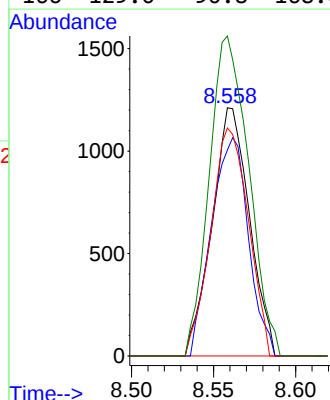
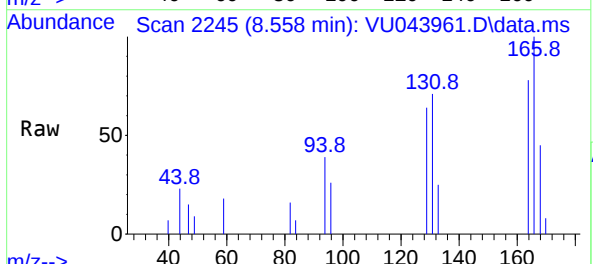
Instrument :
MSVOA_U
ClientSampled :
GB418

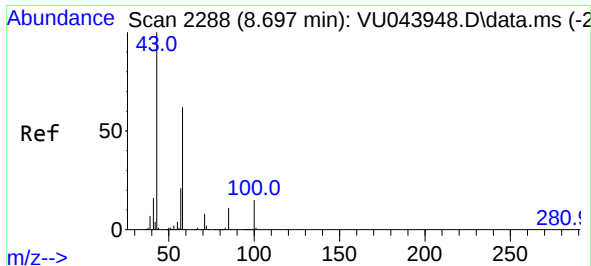
Tgt Ion: 75 Resp: 1897
Ion Ratio Lower Upper
75 100
77 58.5 22.3 41.3#



#47
Tetrachloroethene
Concen: 0.13 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.000 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

Tgt Ion:164 Resp: 1914
Ion Ratio Lower Upper
164 100
129 83.0 64.1 119.1
131 91.9 64.5 119.9
166 129.0 90.8 168.6

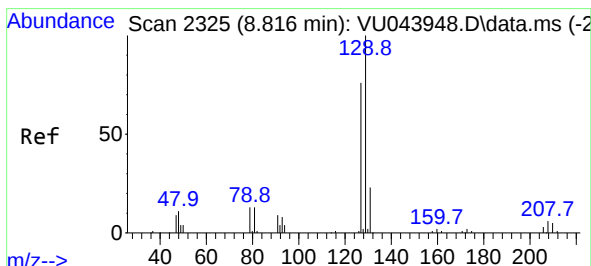
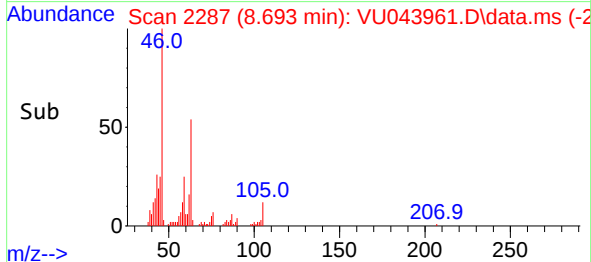
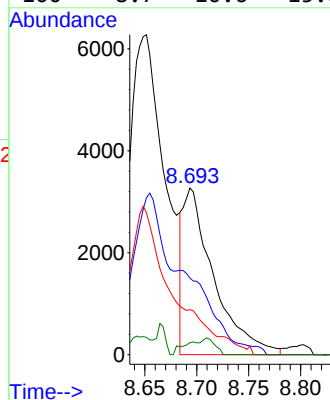
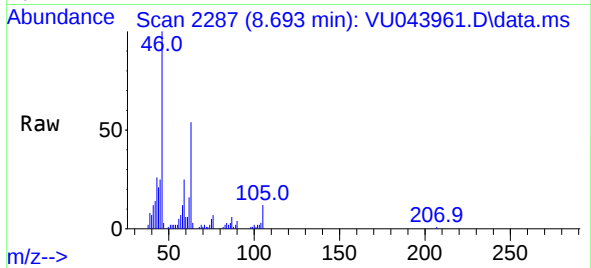




#48
2-Hexanone
Concen: 0.94 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.006 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

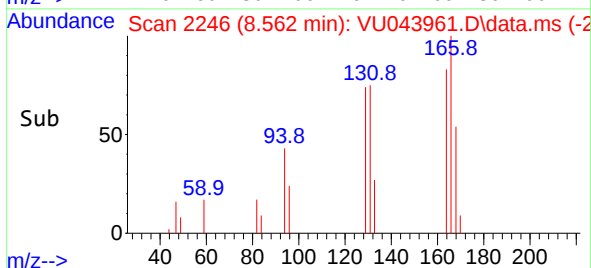
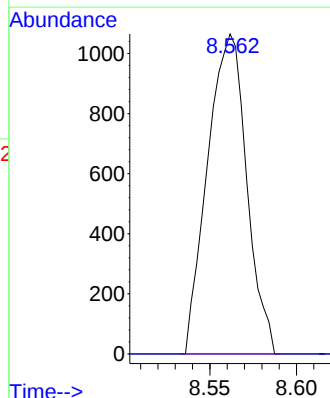
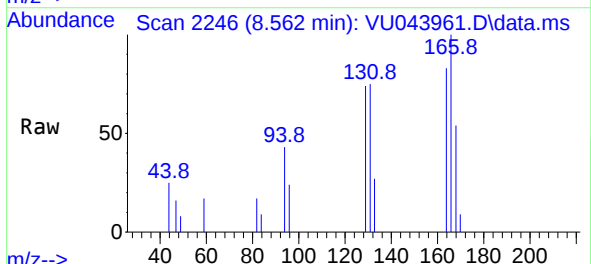
Instrument :
MSVOA_U
ClientSampled :
GB418

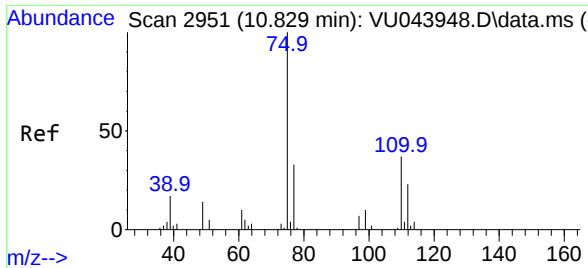
Tgt Ion: 43	Resp: 6709
Ion Ratio	Lower Upper
43 100	
58 0.0	49.4 74.0#
57 0.0	16.8 25.2#
100 8.7	10.6 15.8#



#49
Dibromochloromethane
Concen: 0.11 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. -0.254 min
Lab File: VU043961.D
Acq: 25 May 2021 14:12

Tgt Ion: 129	Resp: 1673
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: VU043961.D
 Acq: 25 May 2021 14:12

Instrument :
 MSVOA_U
 ClientSampleId :
 GB418

Tgt Ion:	75	Resp:	10035
Ion	Ratio	Lower	Upper
75	100		
110	2.8	29.3	43.9#
77	30.5	26.3	39.5

