

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU043021\
 Data File : VU043425.D
 Acq On : 29 Apr 2021 15:14
 Operator : SY/MD
 Sample : M2162-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 30 07:29:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Apr 30 07:27:36 2021
 Response via : Initial Calibration

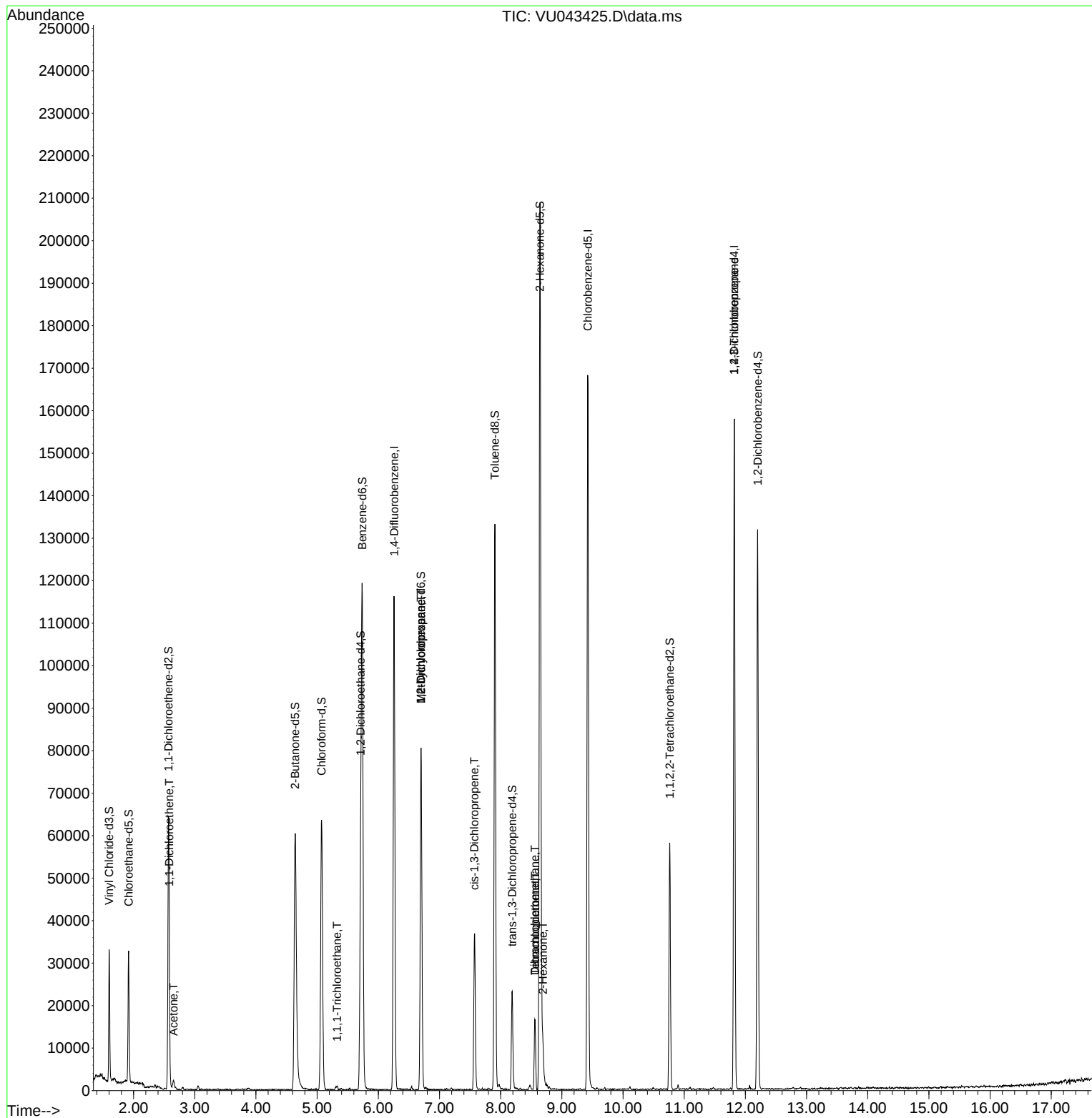
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.260	114	83607	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	84419	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	38103	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	21089	4.96	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	99.20%	
7) Chloroethane-d5	1.919	69	20585	5.14	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	102.80%	
11) 1,1-Dichloroethene-d2	2.572	65	12423	5.05	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	101.00%	
20) 2-Butanone-d5	4.642	46	101901	54.65	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	109.30%	
24) Chloroform-d	5.073	84	55552	5.14	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	102.80%	
26) 1,2-Dichloroethane-d4	5.713	65	35340	4.83	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	96.60%	
32) Benzene-d6	5.739	84	99819	5.08	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	101.60%	
36) 1,2-Dichloropropane-d6	6.700	67	34962	5.36	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	107.20%	
41) Toluene-d8	7.906	98	80466	3.94	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	78.80%	
43) trans-1,3-Dichloroprop...	8.189	79	11891	4.13	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	82.60%	
46) 2-Hexanone-d5	8.642	63	62888	43.80	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	87.60%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	27459	4.79	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	95.80%	
66) 1,2-Dichlorobenzene-d4	12.201	152	31018	4.75	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	95.00%	
Target Compounds						
						Qvalue
12) 1,1-Dichloroethene	2.584	96	490	0.11	ug/L	# 1
13) Acetone	2.652	43	2739	2.00	ug/L	77
29) 1,1,1-Trichloroethane	5.324	97	683	0.07	ug/L	# 82
35) Methylcyclohexane	6.700	83	7542	0.88	ug/L	# 21
37) 1,2-Dichloropropane	6.700	63	4072	0.64	ug/L	# 87
39) cis-1,3-Dichloropropene	7.571	75	1206	0.13	ug/L	# 79
47) Tetrachloroethene	8.562	164	3245	0.66	ug/L	92
48) 2-Hexanone	8.690	43	4347	1.04	ug/L	# 75
49) Dibromochloromethane	8.559	129	3670	0.61	ug/L	# 9
61) 1,2,3-Trichloropropane	11.819	75	5216	1.32	ug/L	# 65

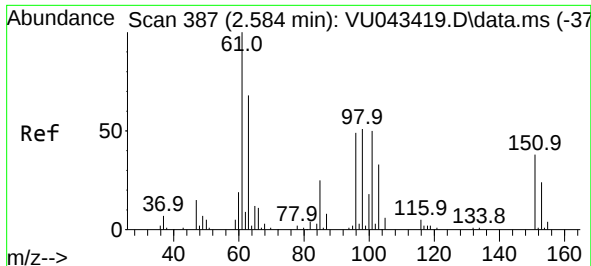
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.11 ug/L

RT: 2.584 min Scan# 387

Delta R.T. 0.000 min

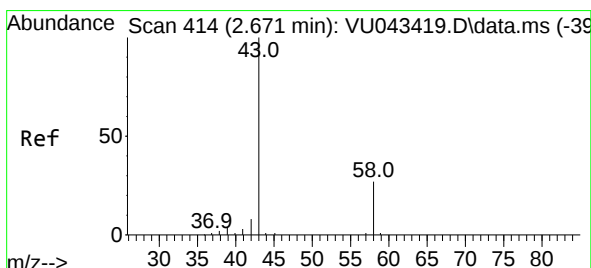
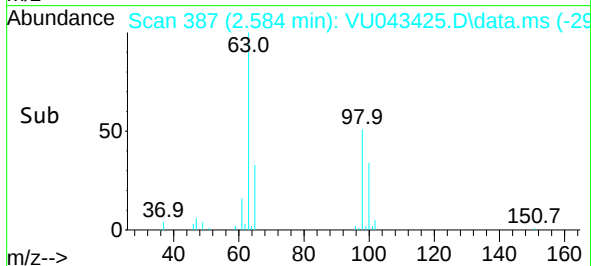
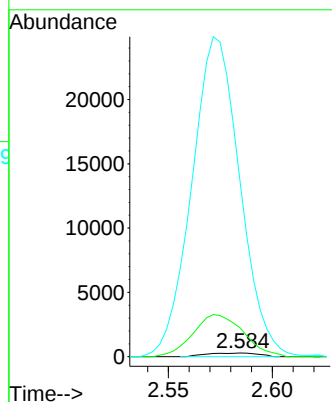
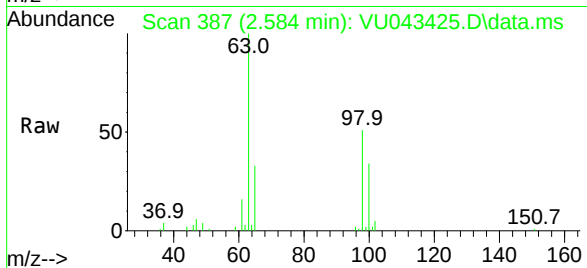
Lab File: VU043425.D

Acq: 29 Apr 2021 15:14

Tgt Ion: 96 Resp: 490

Ion	Ratio	Lower	Upper
96	100		
61	778.7	115.1	213.7#
63	4754.4	84.1	156.1#

Instrument :
MSVOA_U
ClientSampled :



#13

Acetone

Concen: 2.00 ug/L

RT: 2.652 min Scan# 408

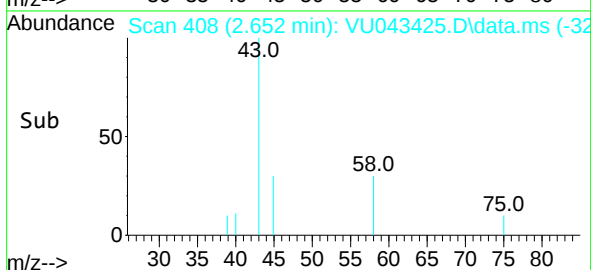
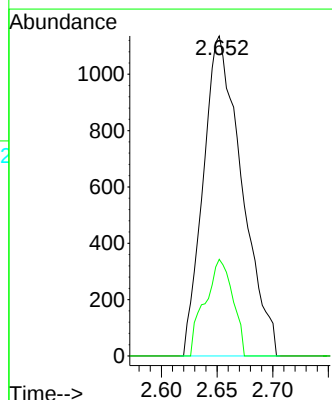
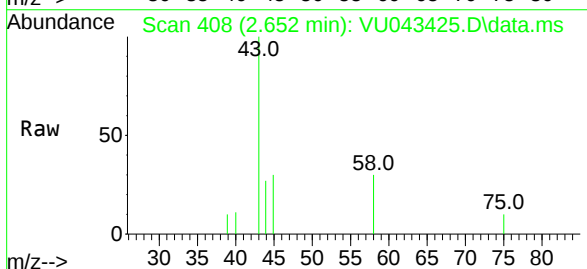
Delta R.T. -0.019 min

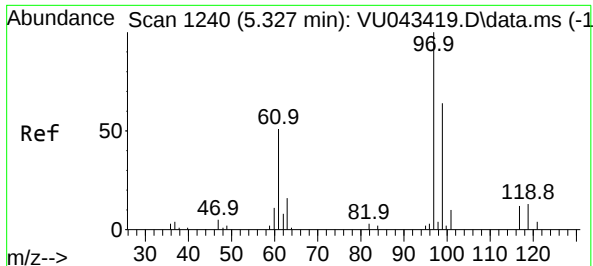
Lab File: VU043425.D

Acq: 29 Apr 2021 15:14

Tgt Ion: 43 Resp: 2739

Ion	Ratio	Lower	Upper
43	100		
58	21.7	0.0	25.0





#29

1,1,1-Trichloroethane

Concen: 0.07 ug/L

RT: 5.324 min Scan# 1239

Delta R.T. -0.003 min

Lab File: VU043425.D

Acq: 29 Apr 2021 15:14

Tgt Ion: 97 Resp: 683

Ion Ratio Lower Upper

97 100

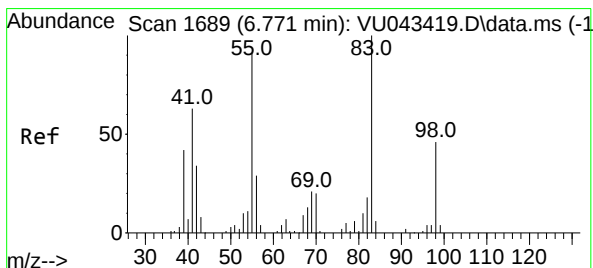
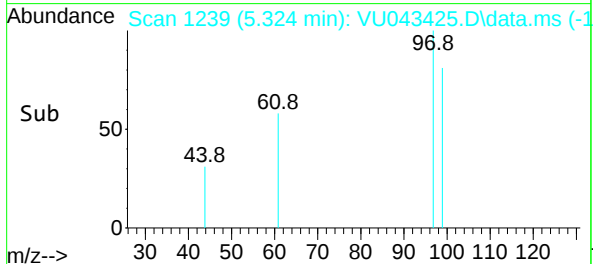
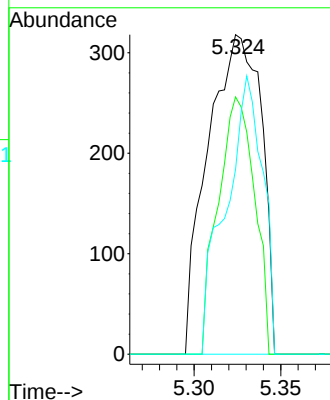
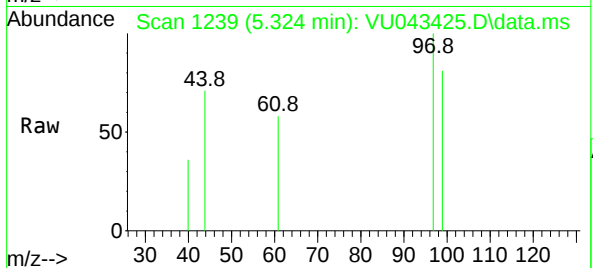
99 54.9 50.3 75.5

61 60.2 32.7 49.1#

Instrument :

MSVOA_U

ClientSampleId :



#35

Methylcyclohexane

Concen: 0.88 ug/L

RT: 6.700 min Scan# 1667

Delta R.T. -0.071 min

Lab File: VU043425.D

Acq: 29 Apr 2021 15:14

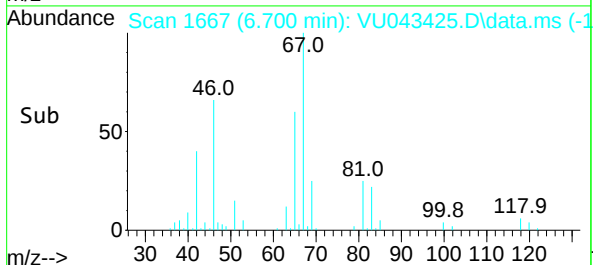
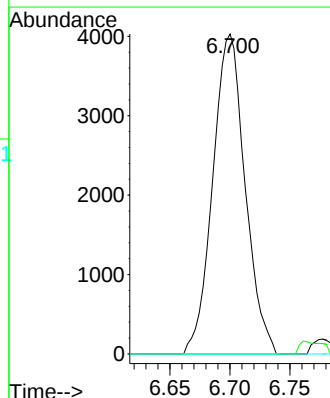
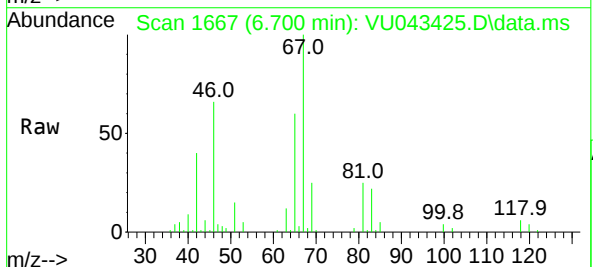
Tgt Ion: 83 Resp: 7542

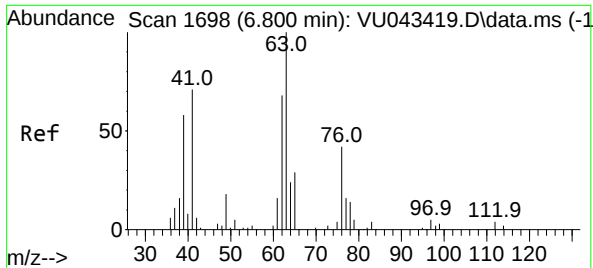
Ion Ratio Lower Upper

83 100

55 2.8 59.5 89.3#

98 0.0 37.9 56.9#

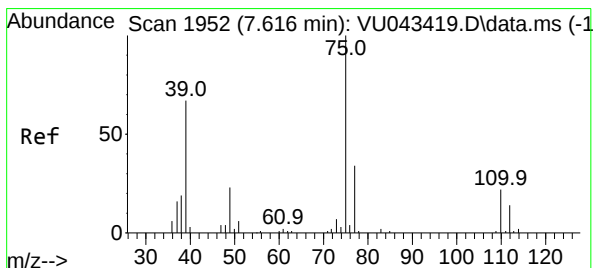
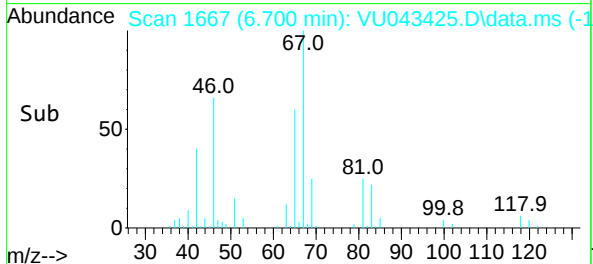
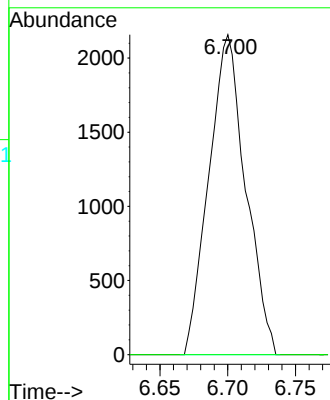
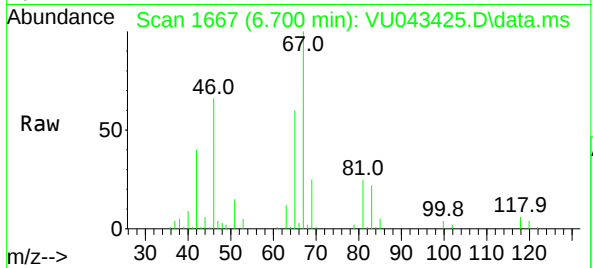




#37
1,2-Dichloropropane
Concen: 0.64 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043425.D
Acq: 29 Apr 2021 15:14

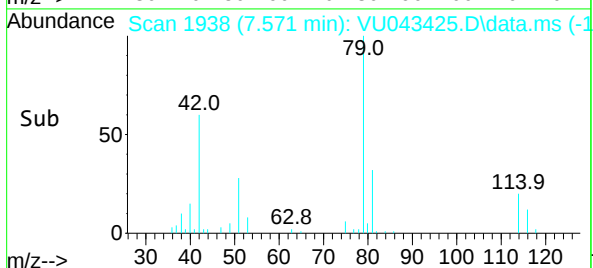
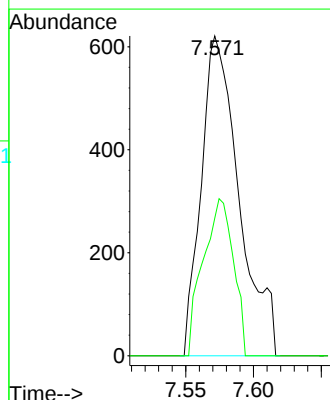
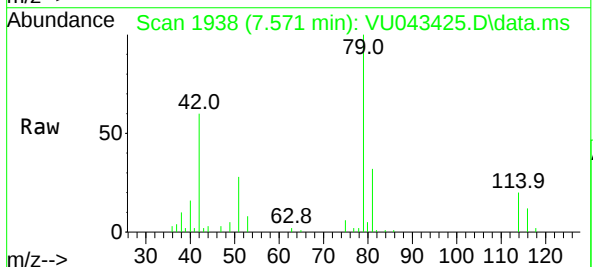
Instrument :
MSVOA_U
ClientSampled :

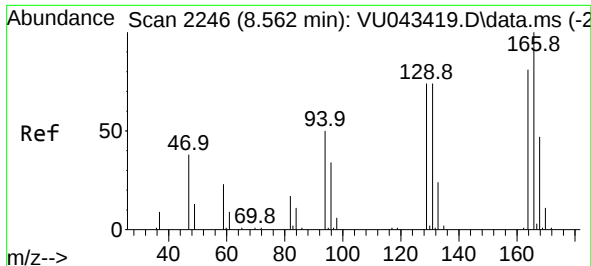
Tgt Ion: 63 Resp: 4072
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



#39
cis-1,3-Dichloropropene
Concen: 0.13 ug/L
RT: 7.571 min Scan# 1938
Delta R.T. -0.045 min
Lab File: VU043425.D
Acq: 29 Apr 2021 15:14

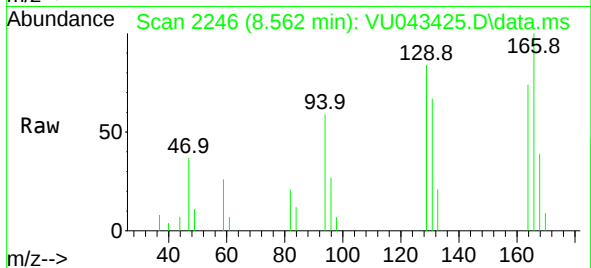
Tgt Ion: 75 Resp: 1206
Ion Ratio Lower Upper
75 100
77 43.0 21.8 40.6#



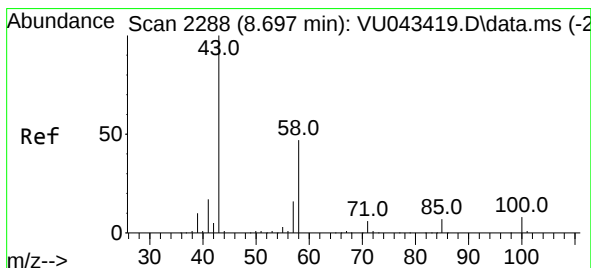
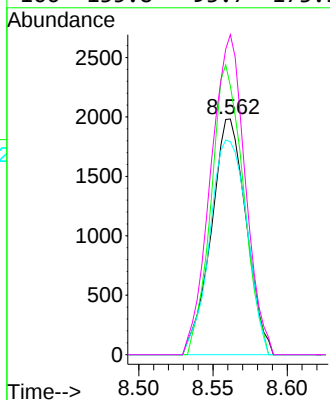
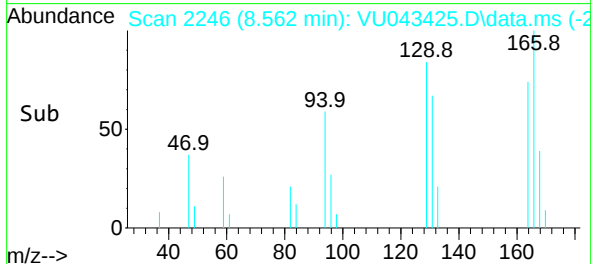


#47
Tetrachloroethene
Concen: 0.66 ug/L
RT: 8.562 min Scan# 2246
Delta R.T. 0.000 min
Lab File: VU043425.D
Acq: 29 Apr 2021 15:14

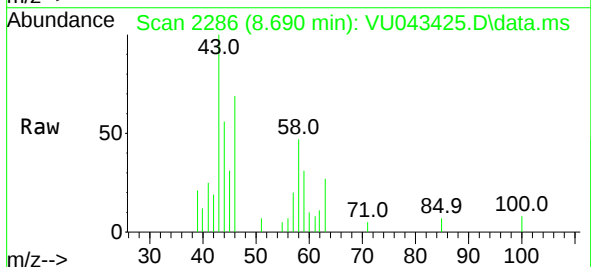
Instrument :
MSVOA_U
ClientSampleId :



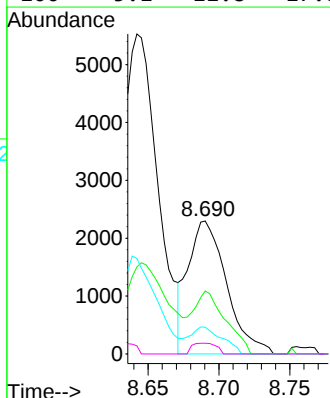
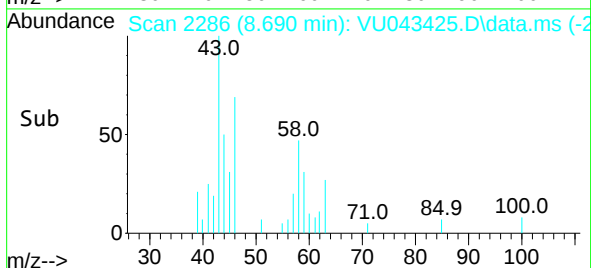
Tgt Ion:164 Resp: 3245
Ion Ratio Lower Upper
164 100
129 114.0 66.6 123.8
131 90.4 65.9 122.3
166 135.8 93.7 173.9

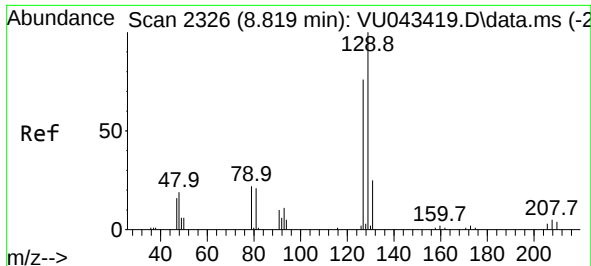


#48
2-Hexanone
Concen: 1.04 ug/L
RT: 8.690 min Scan# 2286
Delta R.T. -0.006 min
Lab File: VU043425.D
Acq: 29 Apr 2021 15:14



Tgt Ion: 43 Resp: 4347
Ion Ratio Lower Upper
43 100
58 38.5 50.0 75.0#
57 16.7 17.4 26.0#
100 5.1 11.8 17.8#





#49

Dibromochloromethane

Concen: 0.61 ug/L

RT: 8.559 min Scan# 2245

Delta R.T. -0.260 min

Lab File: VU043425.D

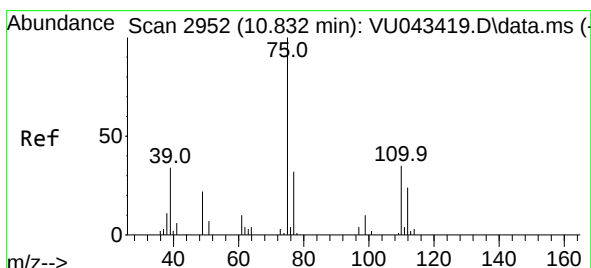
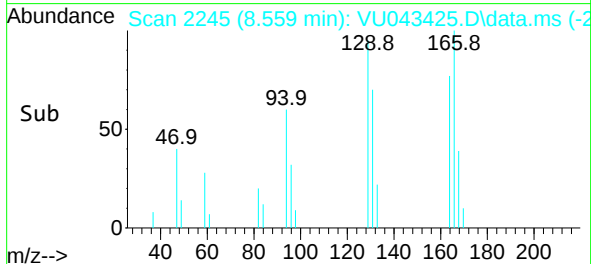
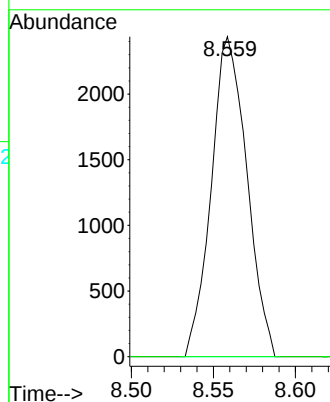
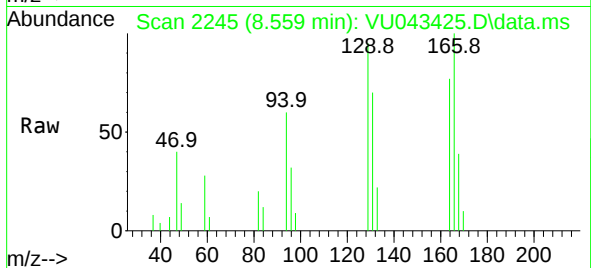
Acq: 29 Apr 2021 15:14

Tgt Ion:129 Resp: 3670

Ion Ratio Lower Upper

129 100

127 0.0 56.6 105.2#



#61

1,2,3-Trichloropropane

Concen: 1.32 ug/L

RT: 11.819 min Scan# 3259

Delta R.T. 0.987 min

Lab File: VU043425.D

Acq: 29 Apr 2021 15:14

Tgt Ion: 75 Resp: 5216

Ion Ratio Lower Upper

75 100

110 0.8 31.5 47.3#

77 32.1 26.3 39.5

