

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043251.D
 Acq On : 21 Apr 2021 15:31
 Operator : SY/MD
 Sample : M2088-06
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 04:43:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR041521WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Apr 22 04:40:57 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	72706	5.00	ug/L	# 0.00
28) Chlorobenzene-d5	9.423	117	74620	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	35644	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	17562	4.75	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	95.00%	
7) Chloroethane-d5	1.919	69	18393	5.28	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	105.60%	
11) 1,1-Dichloroethene-d2	2.575	65	11595	5.42	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	108.40%	
20) 2-Butanone-d5	4.645	46	107050	66.02	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	132.04%#	
24) Chloroform-d	5.073	84	53964	5.74	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	114.80%	
26) 1,2-Dichloroethane-d4	5.713	65	34948	5.50	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	110.00%	
32) Benzene-d6	5.735	84	94834	5.46	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	109.20%	
36) 1,2-Dichloropropane-d6	6.700	67	32339	5.61	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	112.20%	
41) Toluene-d8	7.906	98	80594	4.46	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	89.20%	
43) trans-1,3-Dichloroprop...	8.189	79	12048	4.74	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	94.80%	
46) 2-Hexanone-d5	8.642	63	62769	49.46	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	98.92%	
56) 1,1,2,2-Tetrachloroeth...	10.764	84	28126	5.55	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	111.00%	
66) 1,2-Dichlorobenzene-d4	12.201	152	33614	5.50	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	110.00%	
Target Compounds						
						Qvalue
3) Chloromethane	1.523	50	441	0.10	ug/L	89
5) Vinyl chloride	1.607	62	586	0.12	ug/L #	1
12) 1,1-Dichloroethene	2.581	96	407	0.10	ug/L #	1
13) Acetone	2.665	43	2603	2.18	ug/L	84
14) Carbon disulfide	2.800	76	601	0.06	ug/L #	74
17) Methyl tert-butyl Ether	3.372	73	432024	32.69	ug/L #	92
19) 1,1-Dichloroethane	3.883	63	1616	0.17	ug/L	99
22) cis-1,2-Dichloroethene	4.677	96	5322	1.04	ug/L	80
34) Trichloroethene	6.552	95	7487	1.36	ug/L	97
35) Methylcyclohexane	6.700	83	7539	0.99	ug/L #	23
37) 1,2-Dichloropropane	6.700	63	4160	0.74	ug/L #	87
39) cis-1,3-Dichloropropene	7.574	75	887	0.11	ug/L #	70
47) Tetrachloroethene	8.555	164	485	0.11	ug/L	84
48) 2-Hexanone	8.693	43	7293	1.97	ug/L #	72
49) Dibromochloromethane	8.558	129	338	0.06	ug/L #	9
61) 1,2,3-Trichloropropane	11.819	75	4325	1.17	ug/L #	58

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Apr 22 04:40:57 2021
Response via : Initial Calibration

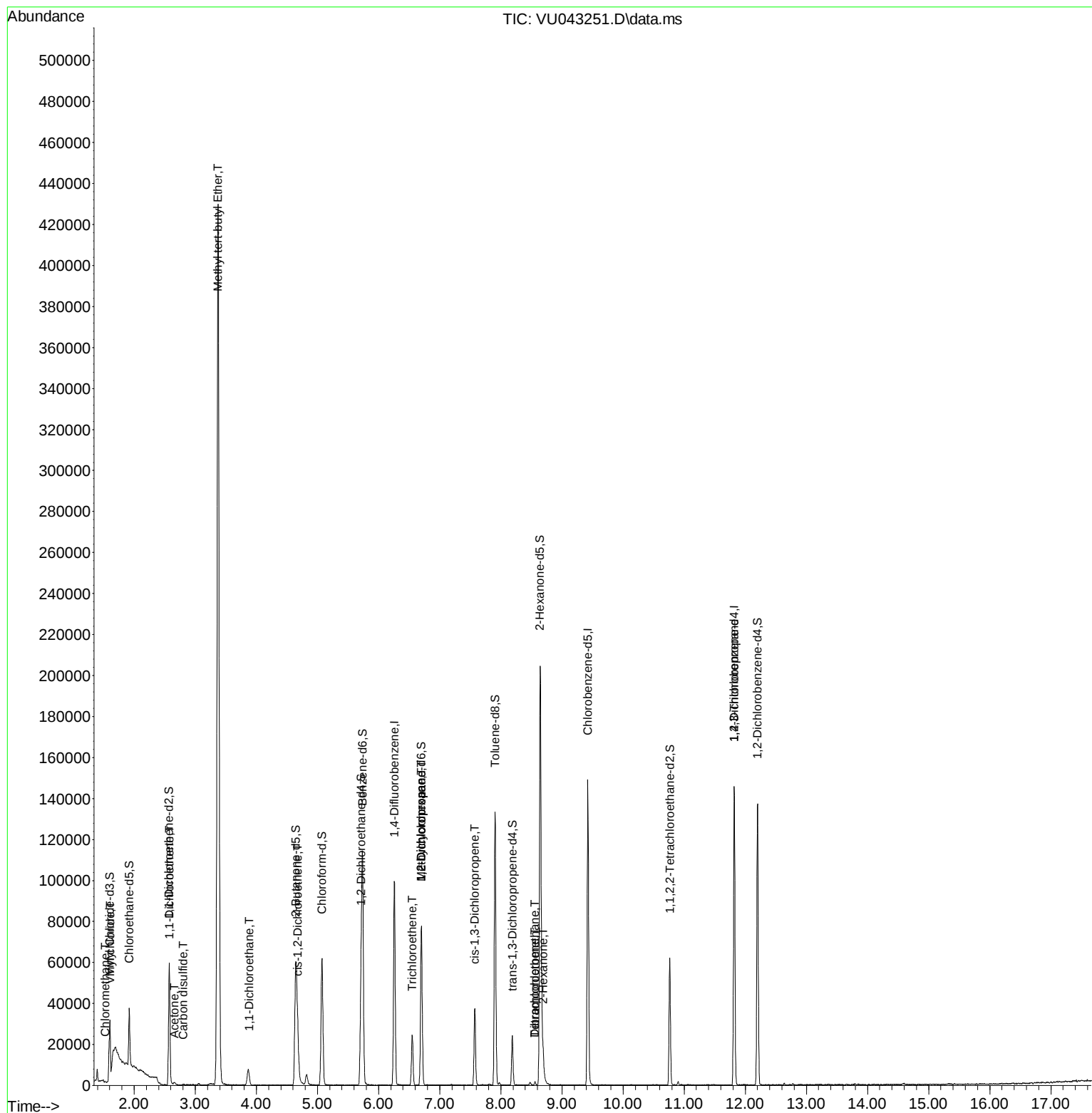
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

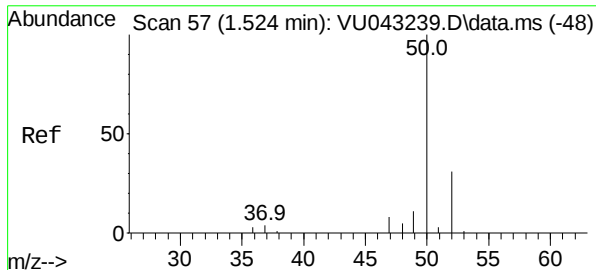
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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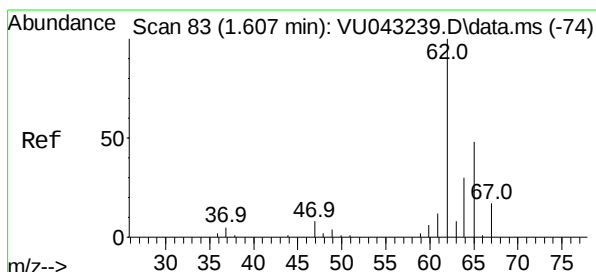
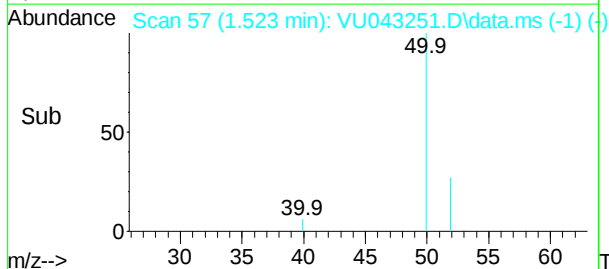
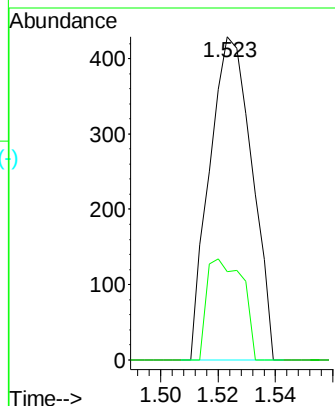
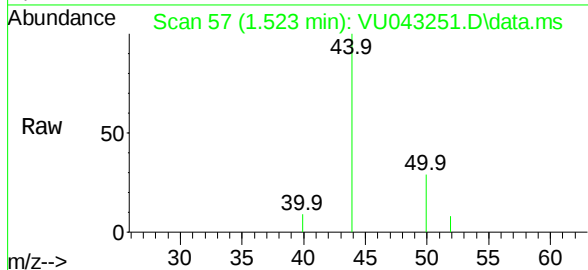




Chloromethane
Concen: 0.10 ug/L
RT: 1.523 min Scan# 57
Delta R.T. -0.000 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

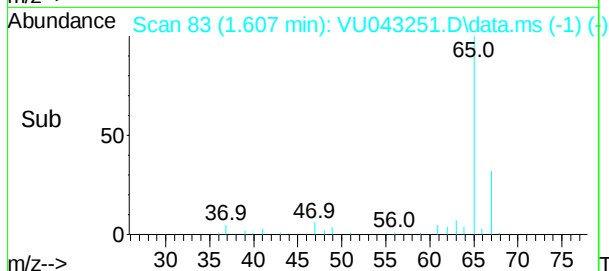
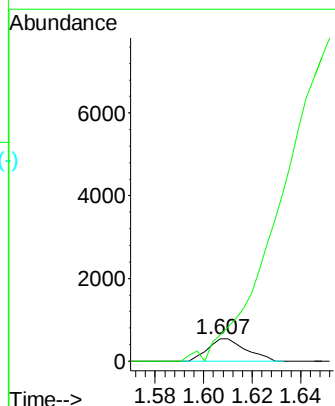
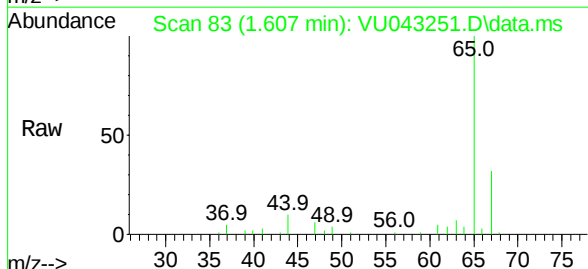
Instrument :
MSVOA_U
ClientSampled :

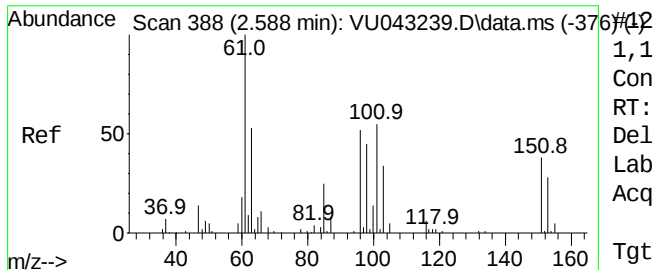
Tgt Ion: 50 Resp: 441
Ion Ratio Lower Upper
50 100
52 27.3 23.6 43.8



Vinyl chloride
Concen: 0.12 ug/L
RT: 1.607 min Scan# 83
Delta R.T. -0.000 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

Tgt Ion: 62 Resp: 586
Ion Ratio Lower Upper
62 100
64 118.1 22.8 42.4#

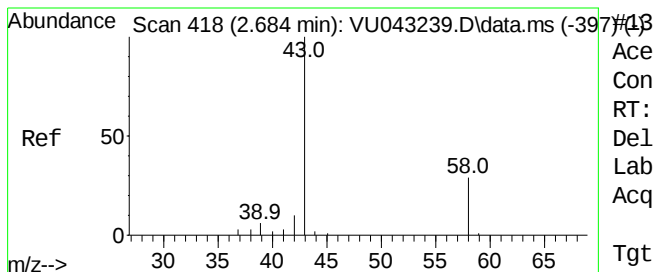
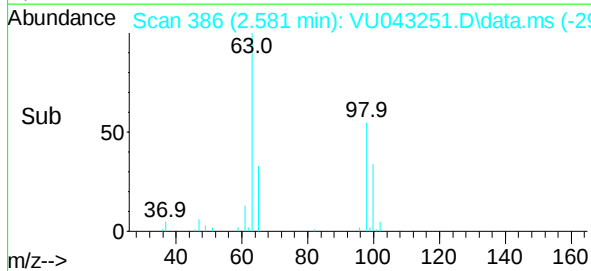
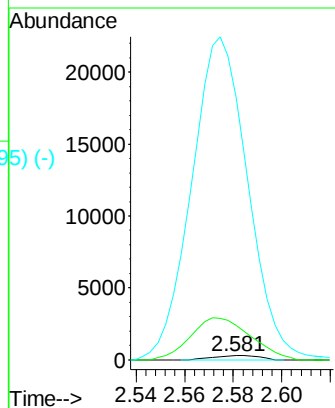
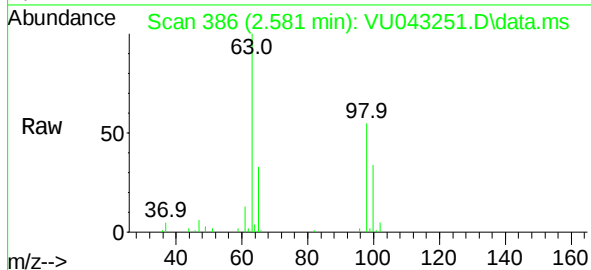




1,1-Dichloroethene
 Concen: 0.10 ug/L
 RT: 2.581 min Scan# 386
 Delta R.T. -0.007 min
 Lab File: VU043251.D
 Acq: 21 Apr 2021 15:31

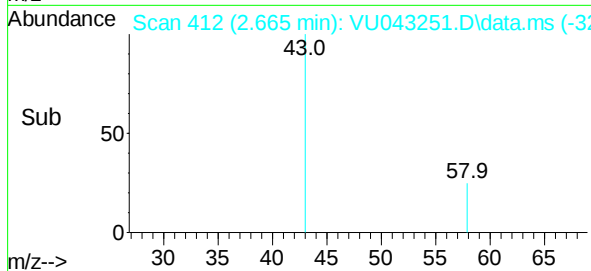
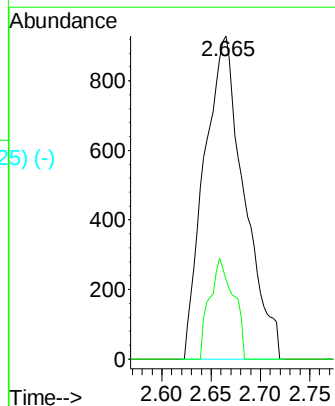
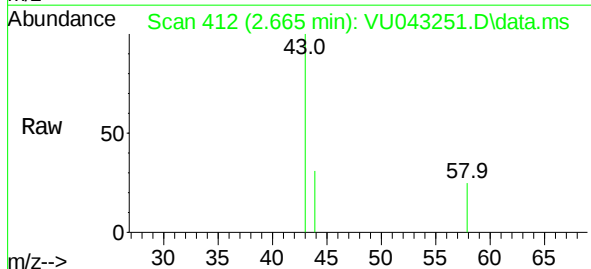
Instrument :
 MSVOA_U
 ClientSampled :

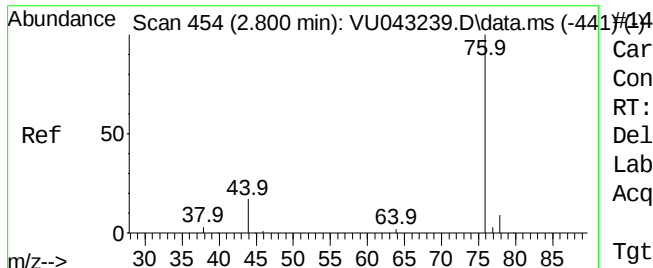
Tgt Ion: 96 Resp: 407
 Ion Ratio Lower Upper
 96 100
 61 822.2 115.1 213.7#
 63 6217.1 84.1 156.1#



Acetone
 Concen: 2.18 ug/L
 RT: 2.665 min Scan# 412
 Delta R.T. -0.020 min
 Lab File: VU043251.D
 Acq: 21 Apr 2021 15:31

Tgt Ion: 43 Resp: 2603
 Ion Ratio Lower Upper
 43 100
 58 18.8 0.0 25.0

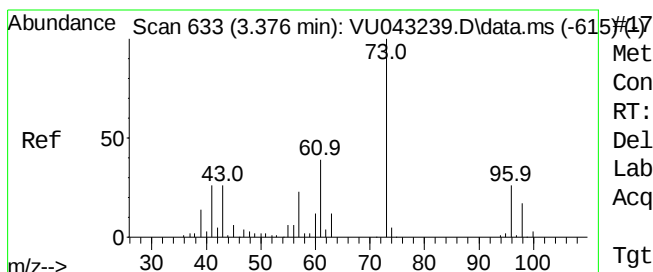
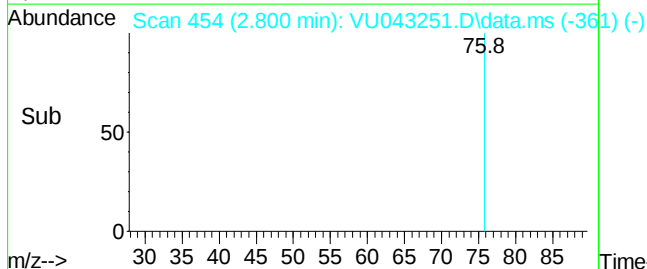
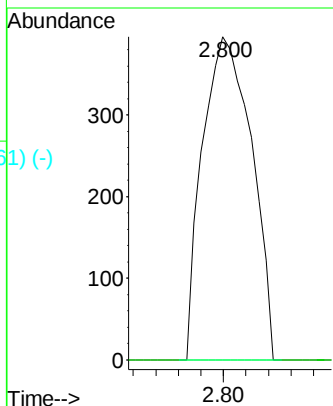
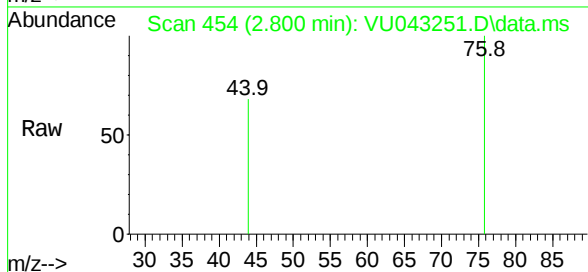




Carbon disulfide
Concen: 0.06 ug/L
RT: 2.800 min Scan# 454
Delta R.T. -0.000 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

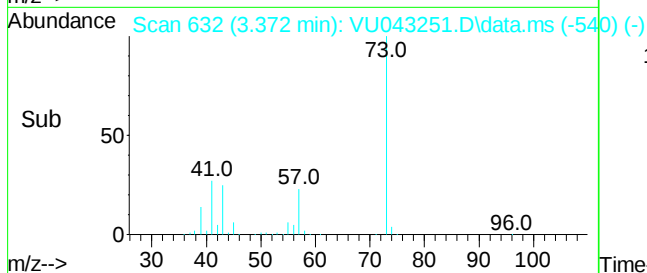
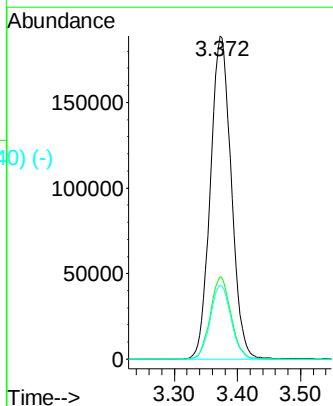
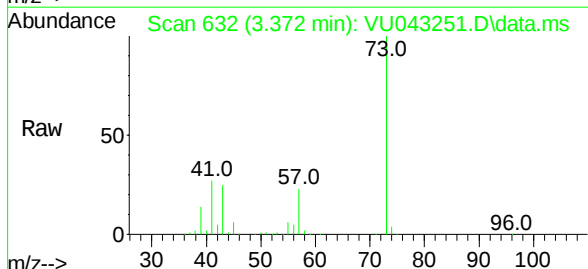
Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 76 Resp: 601
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#

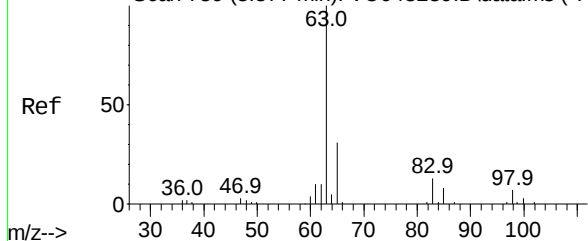


Methyl tert-butyl Ether
Concen: 32.69 ug/L
RT: 3.372 min Scan# 632
Delta R.T. -0.004 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

Tgt Ion: 73 Resp: 432024
Ion Ratio Lower Upper
73 100
43 25.2 15.0 22.4#
57 22.9 17.3 25.9



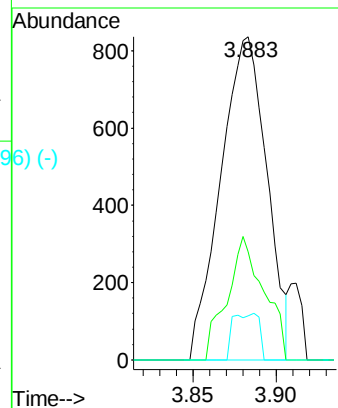
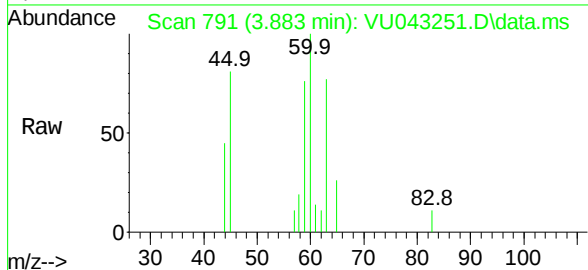
Abundance Scan 789 (3.877 min): VU043239.D\data.ms (-772) #19



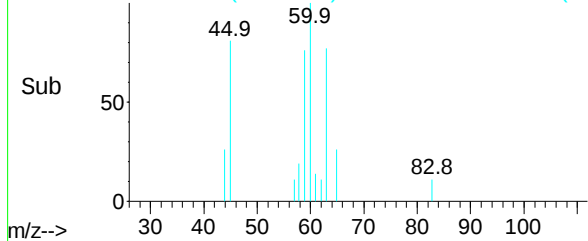
1,1-Dichloroethane
Concen: 0.17 ug/L
RT: 3.883 min Scan# 791
Delta R.T. 0.006 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

Instrument :
MSVOA_U
ClientSampled :

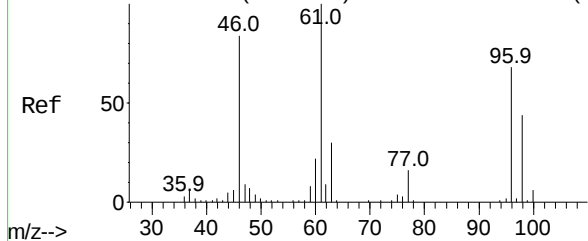
Tgt Ion:	63	Resp:	1616
Ion	Ratio	Lower	Upper
63	100		
65	33.5	23.2	43.0
83	13.6	9.9	18.3



Abundance Scan 791 (3.883 min): VU043251.D\data.ms (-696) (-)

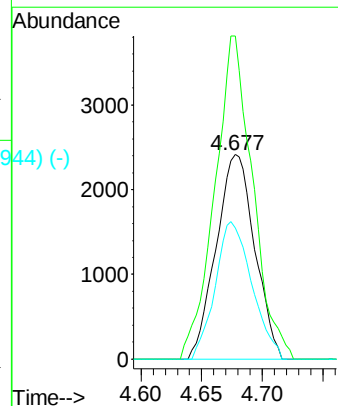
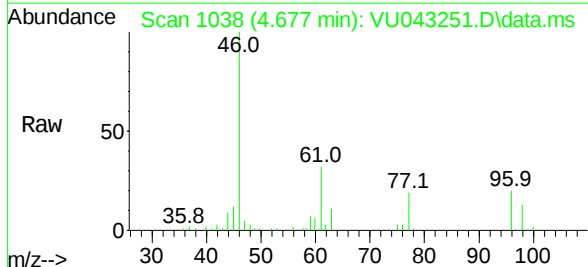


Abundance Scan 1037 (4.675 min): VU043239.D\data.ms (-1022) #22

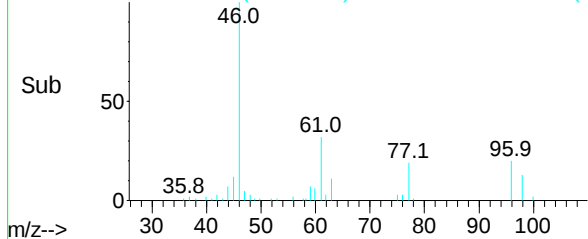


cis-1,2-Dichloroethene
Concen: 1.04 ug/L
RT: 4.677 min Scan# 1038
Delta R.T. 0.003 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

Tgt Ion:	96	Resp:	5322
Ion	Ratio	Lower	Upper
96	100		
61	157.8	87.4	162.4
98	64.2	47.7	88.5



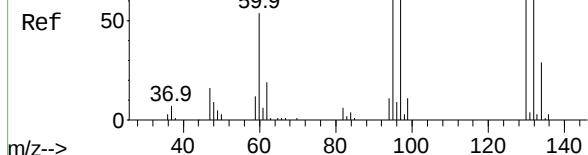
Abundance Scan 1038 (4.677 min): VU043251.D\data.ms (-944) (-)



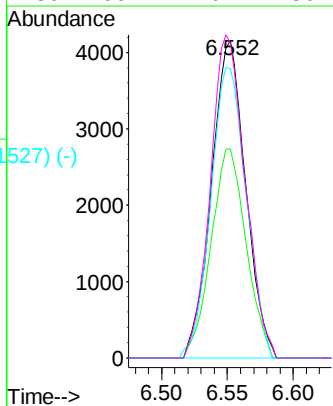
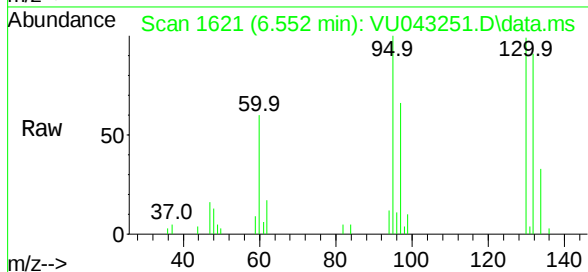
Abundance Scan 1620 (6.549 min): VU043239.D\data.ms (-16074-)

Trichloroethene
Concen: 1.36 ug/L
RT: 6.552 min Scan# 1621
Delta R.T. 0.003 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

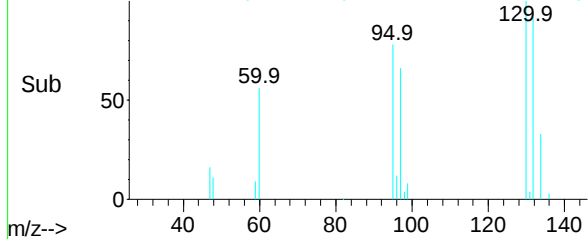
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	95	Resp:	7487
Ion	Ratio	Lower	Upper
95	100		
97	65.8	45.8	85.2
132	91.1	68.7	127.7
130	99.2	70.1	130.3



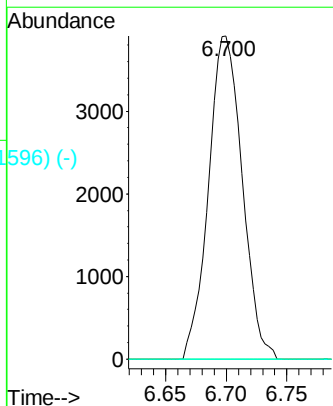
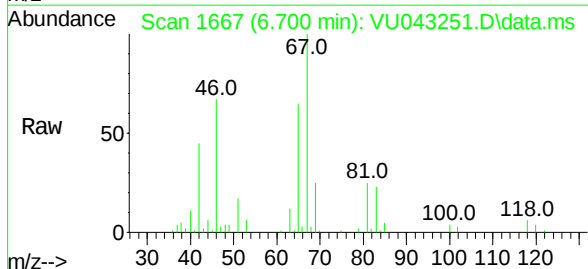
Abundance Scan 1621 (6.552 min): VU043251.D\data.ms (-1527-)



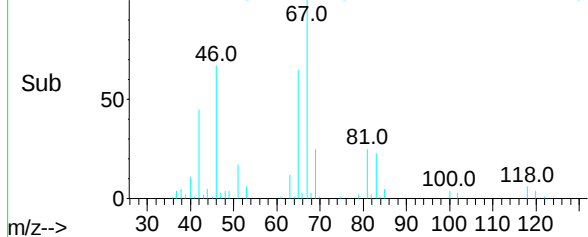
Abundance Scan 1689 (6.771 min): VU043239.D\data.ms (-16735-)

Methylcyclohexane
Concen: 0.99 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.071 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

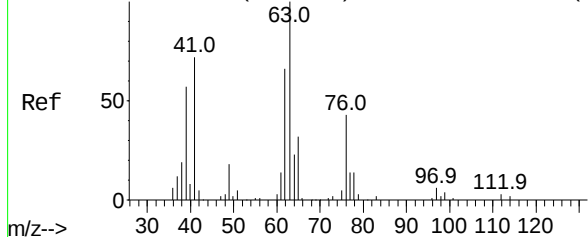
Tgt Ion:	83	Resp:	7539
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	7.3	37.9	56.9#



Abundance Scan 1667 (6.700 min): VU043251.D\data.ms (-1596-)



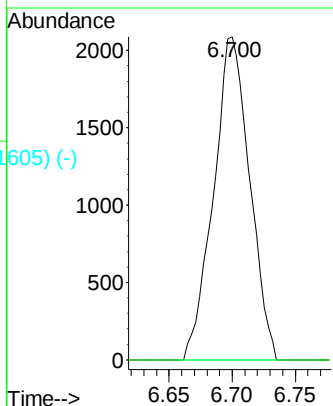
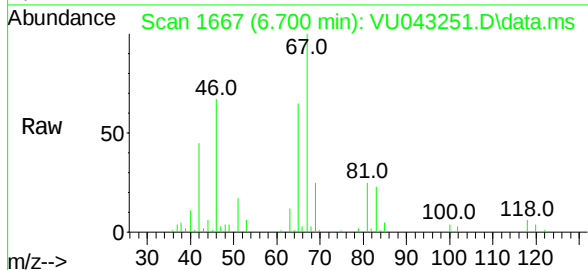
Abundance Scan 1698 (6.800 min): VU043239.D\data.ms (-16697-)



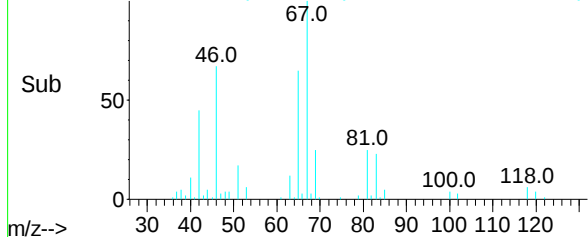
1,2-Dichloropropane
Concen: 0.74 ug/L
RT: 6.700 min Scan# 1667
Delta R.T. -0.100 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

Instrument :
MSVOA_U
ClientSampled :

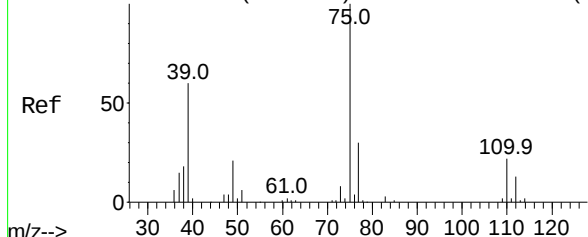
Tgt Ion: 63 Resp: 4160
Ion Ratio Lower Upper
63 100
112 0.0 3.5 5.3#



Abundance Scan 1667 (6.700 min): VU043251.D\data.ms (-1605-)

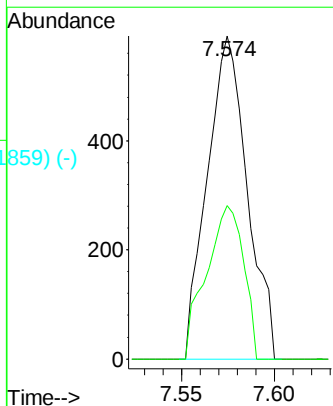
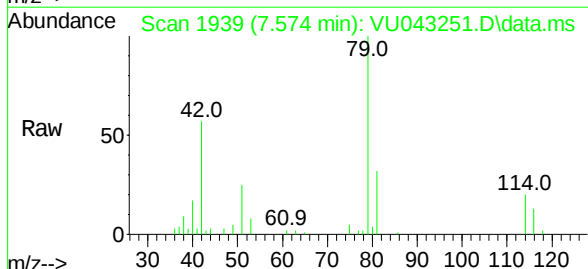


Abundance Scan 1952 (7.617 min): VU043239.D\data.ms (-19399-)

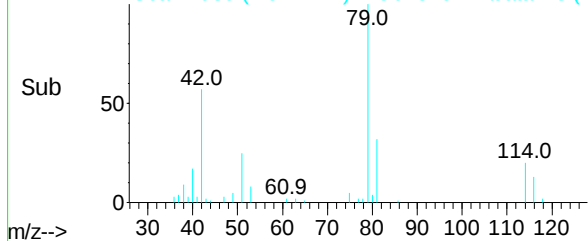


cis-1,3-Dichloropropene
Concen: 0.11 ug/L
RT: 7.574 min Scan# 1939
Delta R.T. -0.042 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

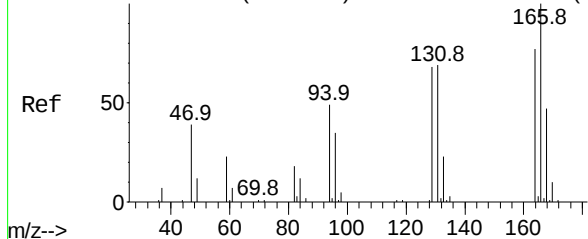
Tgt Ion: 75 Resp: 887
Ion Ratio Lower Upper
75 100
77 47.5 21.8 40.6#



Abundance Scan 1939 (7.574 min): VU043251.D\data.ms (-1859-)

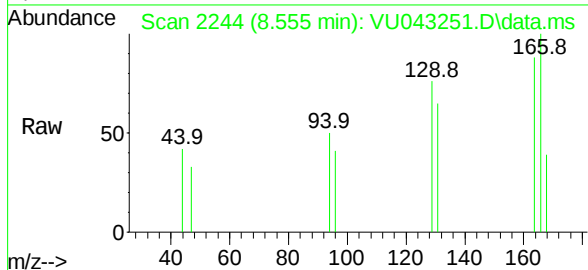


Abundance Scan 2246 (8.562 min): VU043239.D\data.ms (-2239) (-)

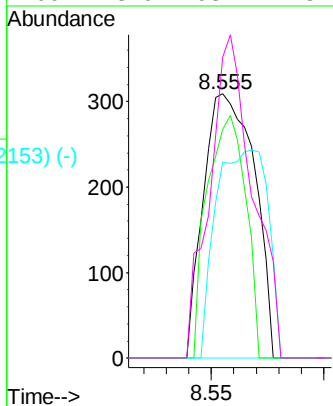
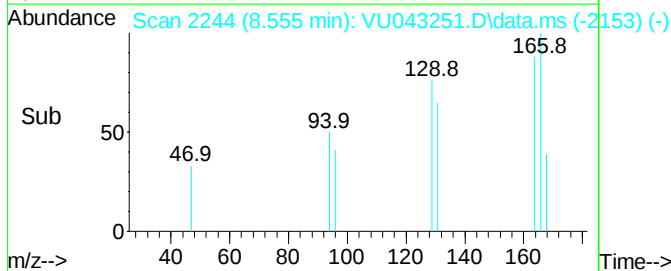


Tetrachloroethene
Concen: 0.11 ug/L
RT: 8.555 min Scan# 2244
Delta R.T. -0.007 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

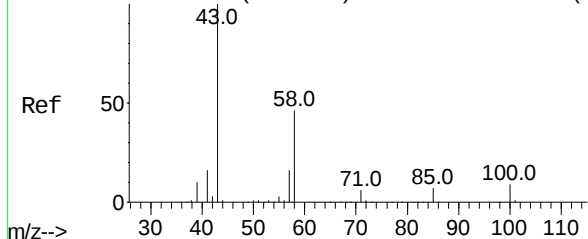
Instrument :
MSVOA_U
ClientSampled :



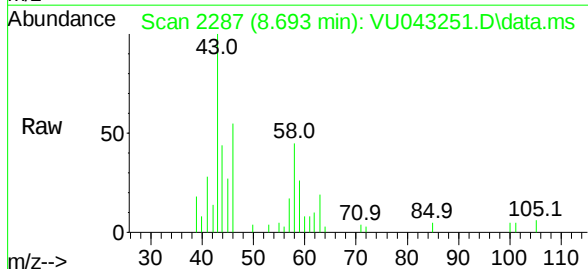
Tgt Ion	Ratio	Lower	Upper
164	100		
129	86.4	66.6	123.8
131	74.1	65.9	122.3
166	113.9	93.7	173.9



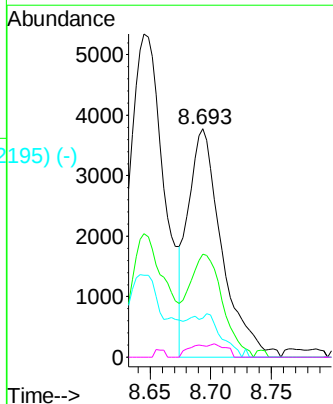
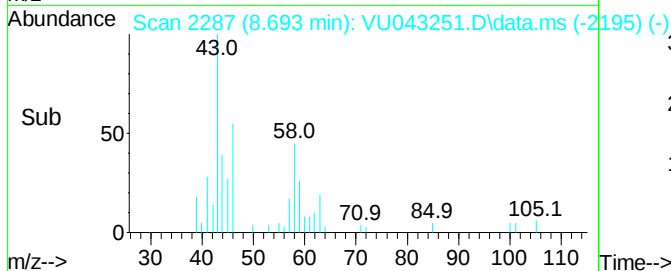
Abundance Scan 2288 (8.697 min): VU043239.D\data.ms (-2279) (-)



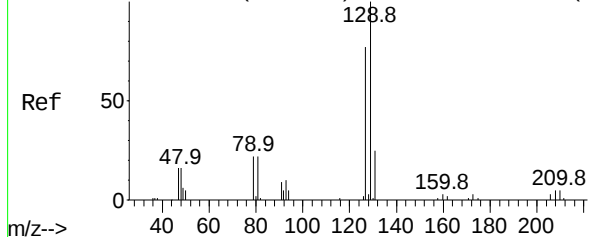
2-Hexanone
Concen: 1.97 ug/L
RT: 8.693 min Scan# 2287
Delta R.T. -0.004 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31



Tgt Ion	Ratio	Lower	Upper
43	100		
58	45.5	50.0	75.0#
57	0.0	17.4	26.0#
100	3.0	11.8	17.8#



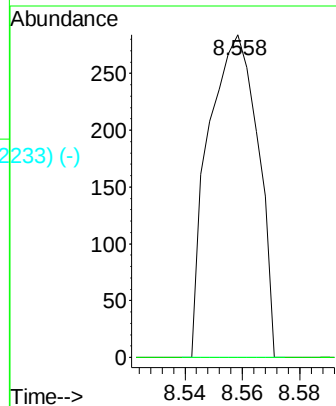
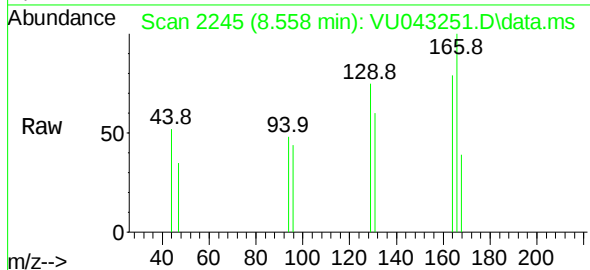
Abundance Scan 2326 (8.819 min): VU043239.D\data.ms (-2319) (-)



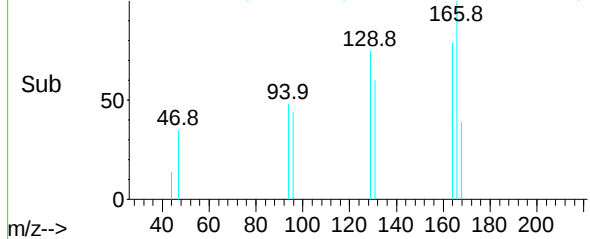
Dibromochloromethane
Concen: 0.06 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. -0.261 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

Instrument :
MSVOA_U
ClientSampled :

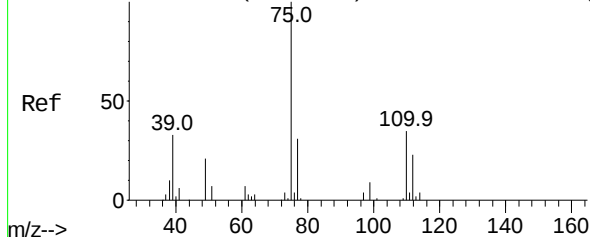
Tgt Ion:129 Resp: 338
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#



Abundance Scan 2245 (8.558 min): VU043251.D\data.ms (-2233) (-)

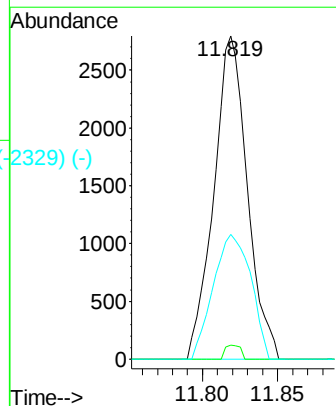
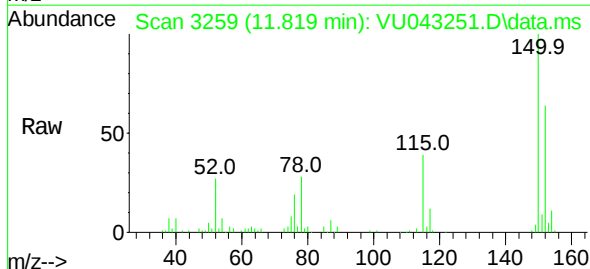


Abundance Scan 2951 (10.829 min): VU043239.D\data.ms (-2950) (-)



1,2,3-Trichloropropane
Concen: 1.17 ug/L
RT: 11.819 min Scan# 3259
Delta R.T. 0.990 min
Lab File: VU043251.D
Acq: 21 Apr 2021 15:31

Tgt Ion: 75 Resp: 4325
Ion Ratio Lower Upper
75 100
110 2.0 31.5 47.3#
77 43.3 26.3 39.5#



Abundance Scan 3259 (11.819 min): VU043251.D\data.ms (-2329) (-)

