

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042121\
 Data File : VU043250.D
 Acq On : 21 Apr 2021 15:07
 Operator : SY/MD
 Sample : M2088-05
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Apr 22 04:43:00 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	6.337	114	68917	5.00	ug/L	# 0.08
28) Chlorobenzene-d5	9.443	117	68550	5.00	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.825	152	33652	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.658	65	18004	5.14	ug/L	0.06
Spiked Amount 5.000	Range 40	- 130	Recovery	=	102.80%	
7) Chloroethane-d5	1.986	69	19762	5.99	ug/L	0.07
Spiked Amount 5.000	Range 65	- 130	Recovery	=	119.80%	
11) 1,1-Dichloroethene-d2	2.639	65	12351	6.09	ug/L	0.07
Spiked Amount 5.000	Range 60	- 125	Recovery	=	121.80%	
20) 2-Butanone-d5	4.777	46	100078	65.11	ug/L	0.12
Spiked Amount 50.000	Range 40	- 130	Recovery	=	130.22%#	
24) Chloroform-d	5.150	84	45771	5.14	ug/L	0.08
Spiked Amount 5.000	Range 70	- 125	Recovery	=	102.80%	
26) 1,2-Dichloroethane-d4	5.813	65	31039	5.15	ug/L	0.10
Spiked Amount 5.000	Range 70	- 130	Recovery	=	103.00%	
32) Benzene-d6	5.835	84	85365	5.35	ug/L	0.10
Spiked Amount 5.000	Range 70	- 125	Recovery	=	107.00%	
36) 1,2-Dichloropropane-d6	6.768	67	30300	5.72	ug/L	0.07
Spiked Amount 5.000	Range 60	- 140	Recovery	=	114.40%	
41) Toluene-d8	7.944	98	76003	4.58	ug/L	0.04
Spiked Amount 5.000	Range 70	- 130	Recovery	=	91.60%	
43) trans-1,3-Dichloroprop...	8.221	79	11074	4.74	ug/L	0.03
Spiked Amount 5.000	Range 55	- 130	Recovery	=	94.80%	
46) 2-Hexanone-d5	8.671	63	58757	50.40	ug/L	0.03
Spiked Amount 50.000	Range 45	- 130	Recovery	=	100.80%	
56) 1,1,2,2-Tetrachloroeth...	10.774	84	26526	5.70	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	114.00%	
66) 1,2-Dichlorobenzene-d4	12.205	152	32113	5.57	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	111.40%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.440	85	708	0.16	ug/L	95
3) Chloromethane	1.572	50	518	0.12	ug/L	95
8) Chloroethane	1.961	64	549	0.17	ug/L #	43
12) 1,1-Dichloroethene	2.639	96	352	0.09	ug/L #	1
14) Carbon disulfide	2.861	76	631	0.06	ug/L #	1
16) Methylene chloride	3.125	84	948	0.19	ug/L #	59
27) 1,2-Dichloroethane	5.829	62	554	0.08	ug/L #	74
34) Trichloroethene	6.713	95	877	0.17	ug/L #	5
35) Methylcyclohexane	6.768	83	7080	1.01	ug/L #	19
37) 1,2-Dichloropropane	6.764	63	3661	0.71	ug/L #	87
39) cis-1,3-Dichloropropene	7.623	75	1018	0.14	ug/L #	69
47) Tetrachloroethene	8.594	164	616	0.15	ug/L #	60
48) 2-Hexanone	8.674	43	9474	2.79	ug/L #	68
49) Dibromochloromethane	8.587	129	392	0.08	ug/L #	9
61) 1,2,3-Trichloropropane	11.822	75	4447	1.28	ug/L #	62
71) Naphthalene	14.098	128	1074	0.09	ug/L #	82
72) 1,2,3-Trichlorobenzene	14.333	180	248	0.04	ug/L #	87

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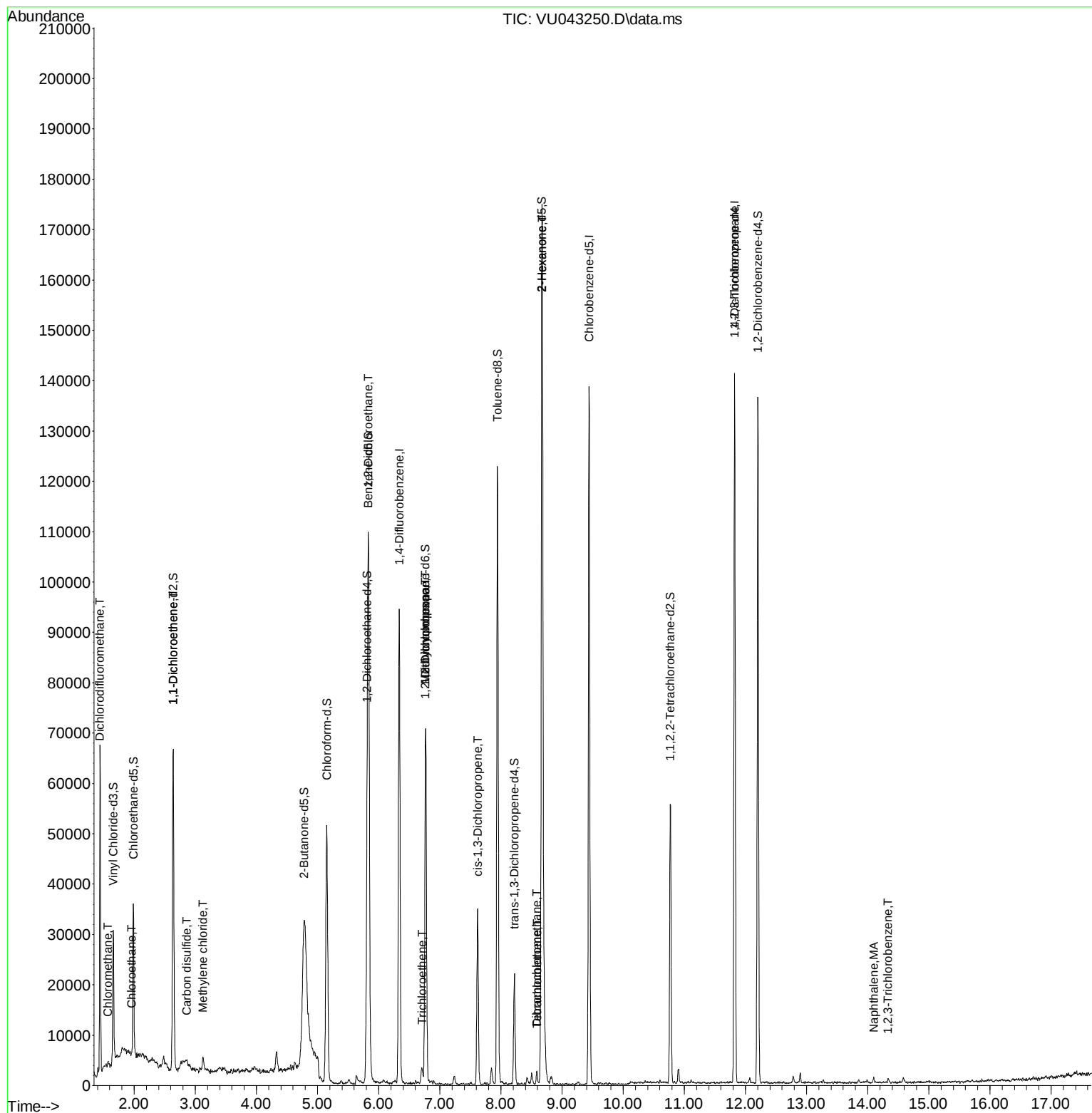
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

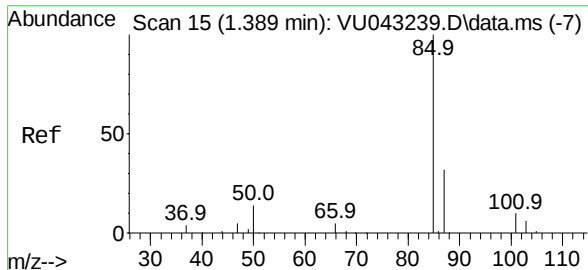
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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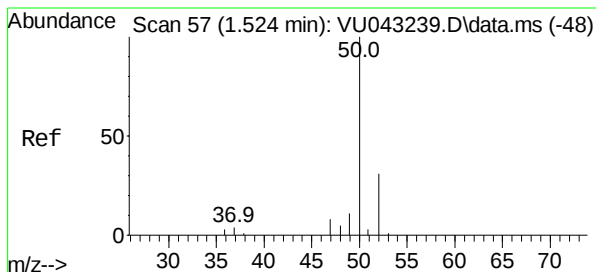
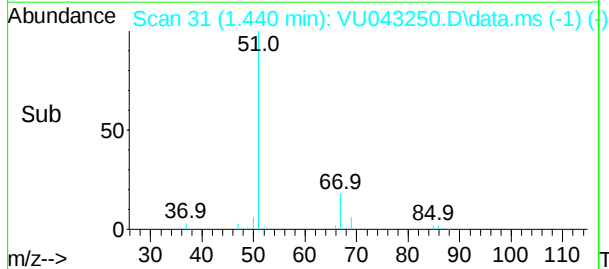
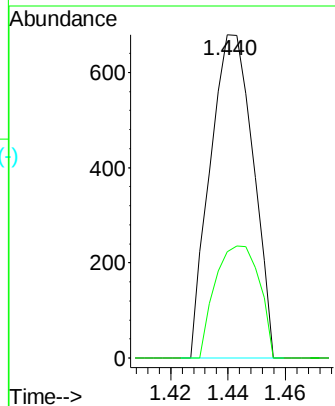
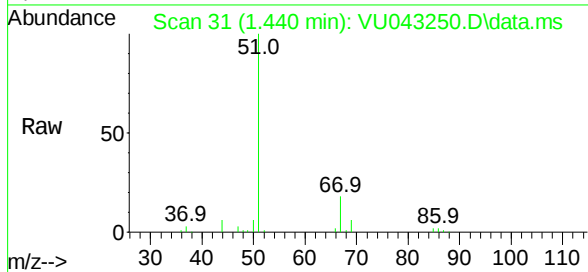




Dichlorodifluoromethane
 Concen: 0.16 ug/L
 RT: 1.440 min Scan# 31
 Delta R.T. 0.051 min
 Lab File: VU043250.D
 Acq: 21 Apr 2021 15:07

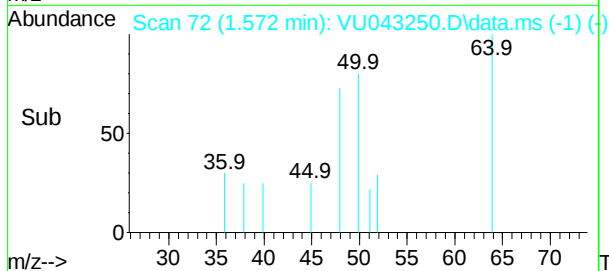
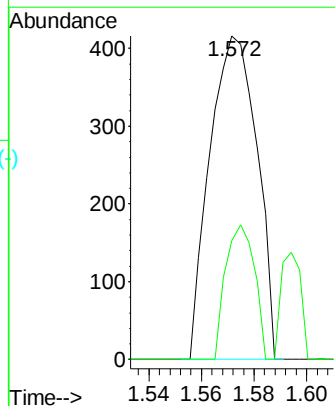
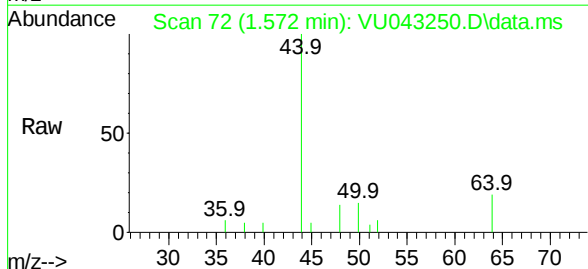
Instrument :
 MSVOA_U
 ClientSampled :

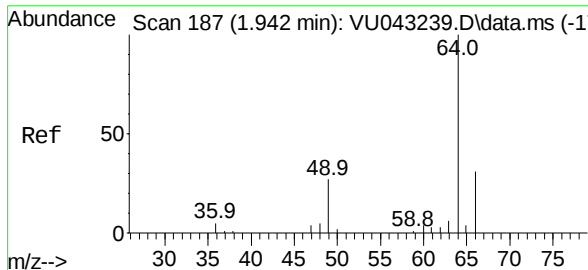
Tgt Ion: 85 Resp: 708
 Ion Ratio Lower Upper
 85 100
 87 35.6 26.3 39.5



Chloromethane
 Concen: 0.12 ug/L
 RT: 1.572 min Scan# 72
 Delta R.T. 0.048 min
 Lab File: VU043250.D
 Acq: 21 Apr 2021 15:07

Tgt Ion: 50 Resp: 518
 Ion Ratio Lower Upper
 50 100
 52 36.8 23.6 43.8

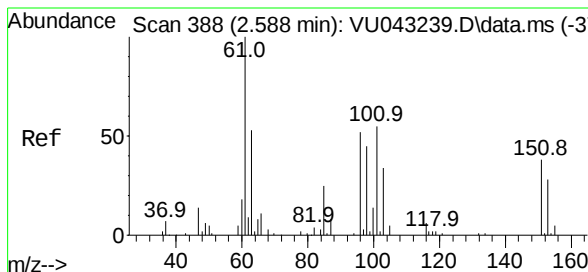
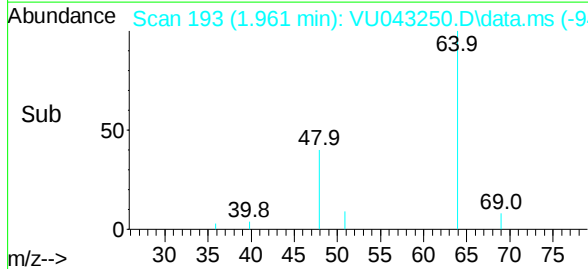
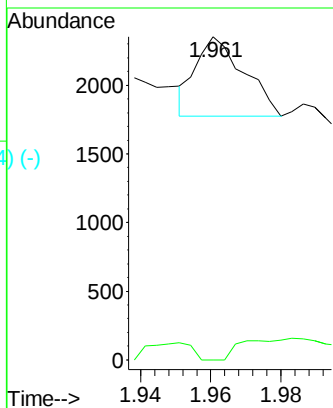
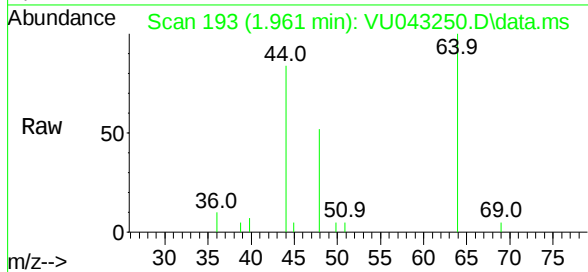




Chloroethane
 Concen: 0.17 ug/L
 RT: 1.961 min Scan# 193
 Delta R.T. 0.019 min
 Lab File: VU043250.D
 Acq: 21 Apr 2021 15:07

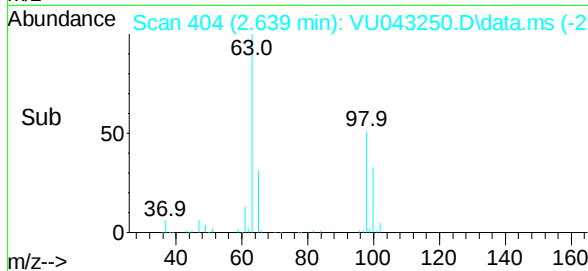
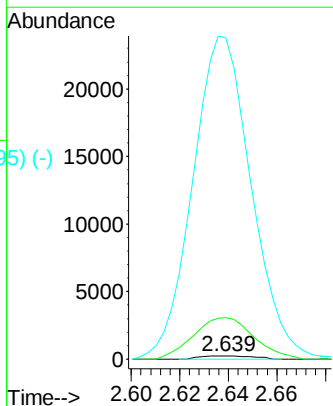
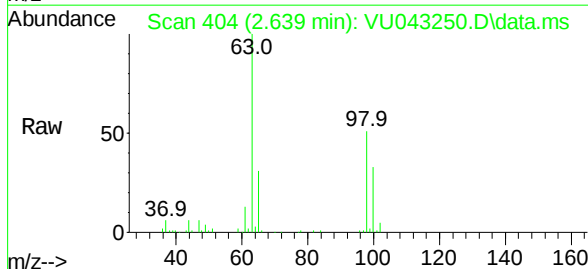
Instrument :
 MSVOA_U
 ClientSampled :

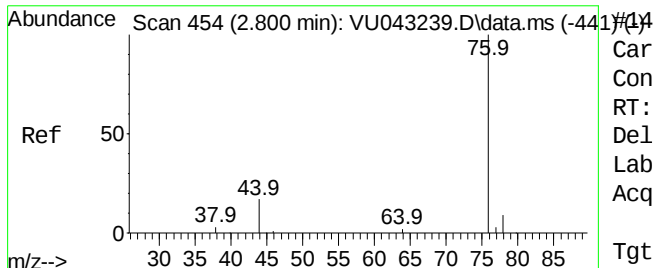
Tgt Ion: 64 Resp: 549
 Ion Ratio Lower Upper
 64 100
 66 0.0 22.4 41.6#



1,1-Dichloroethene
 Concen: 0.09 ug/L
 RT: 2.639 min Scan# 404
 Delta R.T. 0.051 min
 Lab File: VU043250.D
 Acq: 21 Apr 2021 15:07

Tgt Ion: 96 Resp: 352
 Ion Ratio Lower Upper
 96 100
 61 1297.5 115.1 213.7#
 63 10000.0 84.1 156.1#

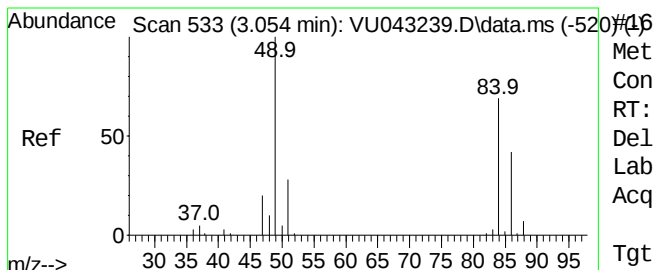
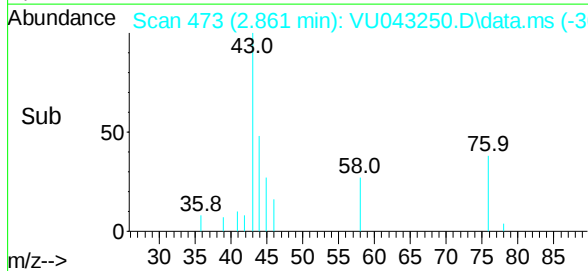
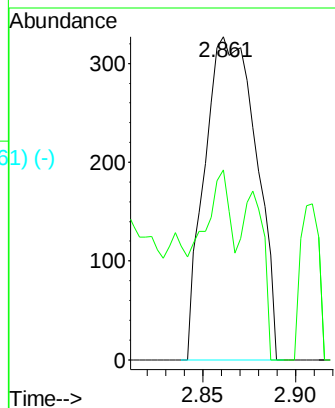
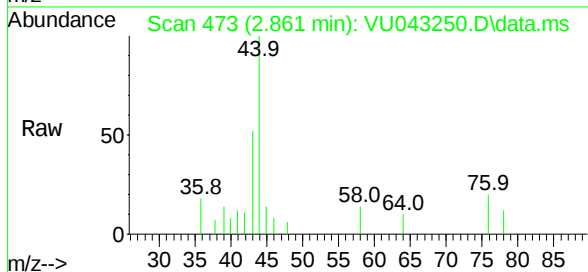




Carbon disulfide
 Concen: 0.06 ug/L
 RT: 2.861 min Scan# 473
 Delta R.T. 0.061 min
 Lab File: VU043250.D
 Acq: 21 Apr 2021 15:07

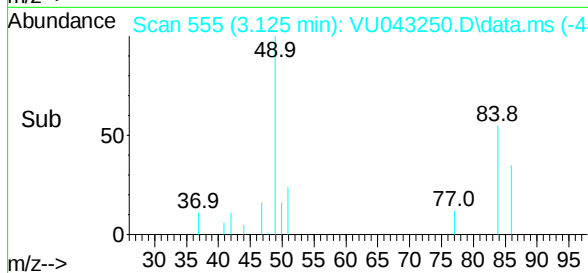
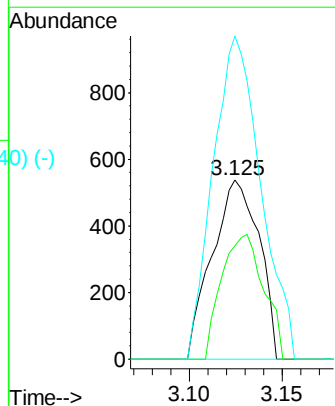
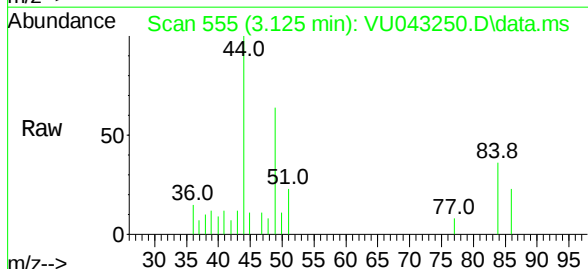
Instrument :
 MSVOA_U
 ClientSampleId :

Tgt Ion: 76 Resp: 631
 Ion Ratio Lower Upper
 76 100
 78 58.7 7.5 11.3#

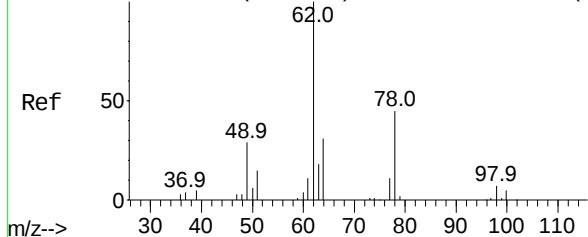


Methylene chloride
 Concen: 0.19 ug/L
 RT: 3.125 min Scan# 555
 Delta R.T. 0.070 min
 Lab File: VU043250.D
 Acq: 21 Apr 2021 15:07

Tgt Ion: 84 Resp: 948
 Ion Ratio Lower Upper
 84 100
 86 63.2 44.9 83.5
 49 180.3 79.0 146.8#



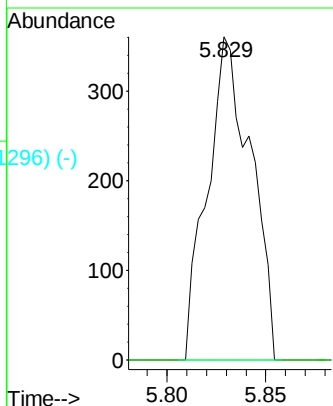
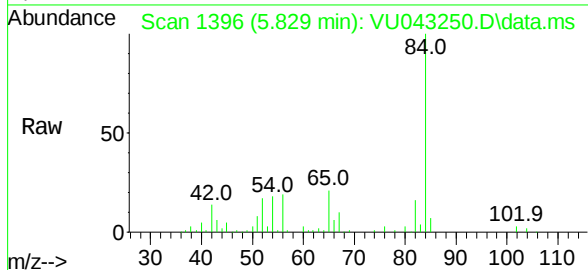
Abundance Scan 1389 (5.806 min): VU043239.D\data.ms (-13727-)



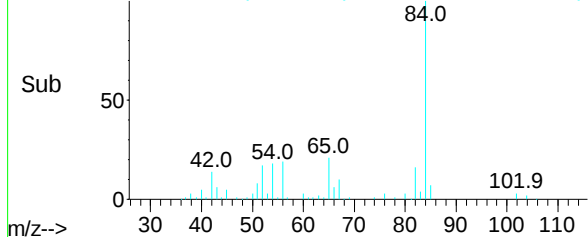
1,2-Dichloroethane
Concen: 0.08 ug/L
RT: 5.829 min Scan# 1396
Delta R.T. 0.022 min
Lab File: VU043250.D
Acq: 21 Apr 2021 15:07

Instrument :
MSVOA_U
ClientSampled :

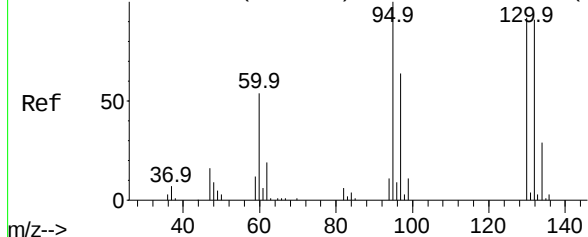
Tgt Ion: 62 Resp: 554
Ion Ratio Lower Upper
62 100
98 0.0 7.5 11.3#



Abundance Scan 1396 (5.829 min): VU043250.D\data.ms (-1296 -)

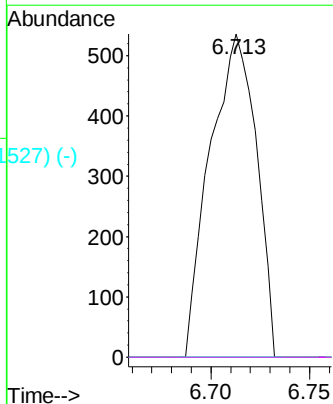
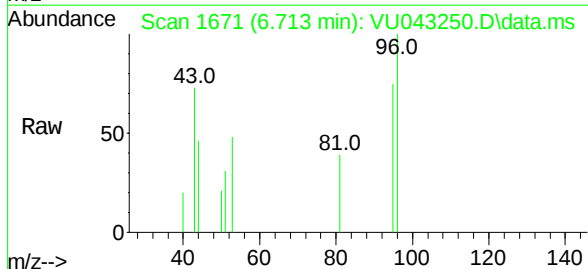


Abundance Scan 1620 (6.549 min): VU043239.D\data.ms (-16624-)

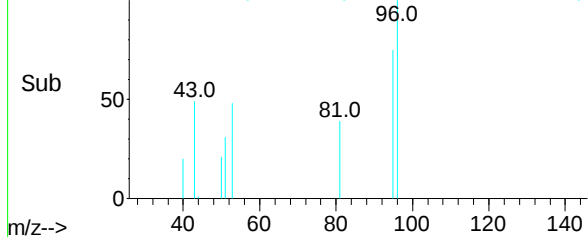


Trichloroethene
Concen: 0.17 ug/L
RT: 6.713 min Scan# 1671
Delta R.T. 0.164 min
Lab File: VU043250.D
Acq: 21 Apr 2021 15:07

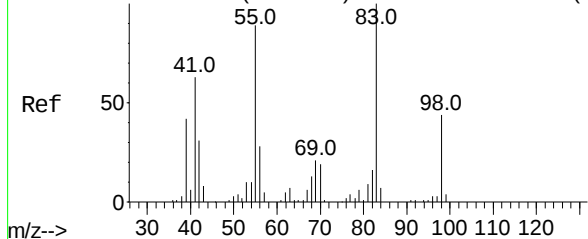
Tgt Ion: 95 Resp: 877
Ion Ratio Lower Upper
95 100
97 0.0 45.8 85.2#
132 0.0 68.7 127.7#
130 0.0 70.1 130.3#



Abundance Scan 1671 (6.713 min): VU043250.D\data.ms (-1527 -)



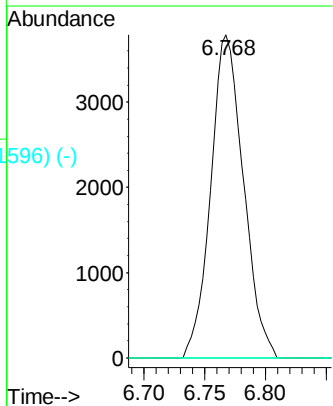
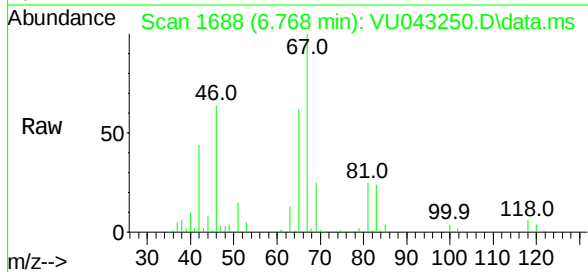
Abundance Scan 1689 (6.771 min): VU043239.D\data.ms (-1678) (-)



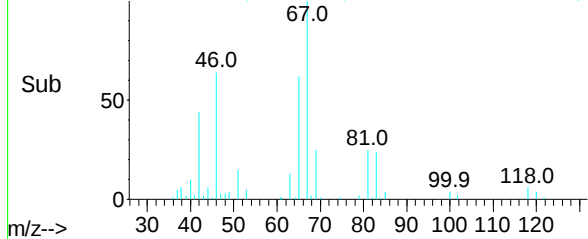
Methylcyclohexane
Concen: 1.01 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. -0.003 min
Lab File: VU043250.D
Acq: 21 Apr 2021 15:07

Instrument :
MSVOA_U
ClientSampled :

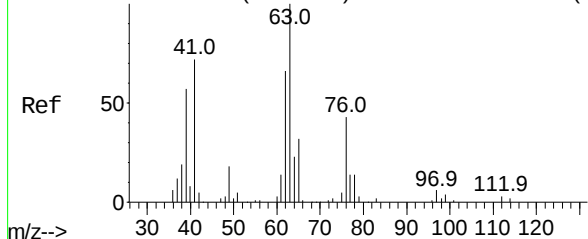
Tgt Ion:	83	Resp:	7080
Ion	Ratio	Lower	Upper
83	100		
55	0.0	59.5	89.3#
98	0.0	37.9	56.9#



Abundance Scan 1688 (6.768 min): VU043250.D\data.ms (-1596) (-)

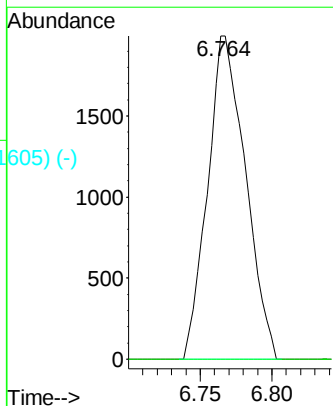
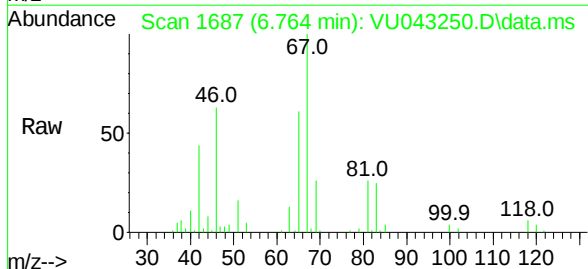


Abundance Scan 1698 (6.800 min): VU043239.D\data.ms (-1680) (-)

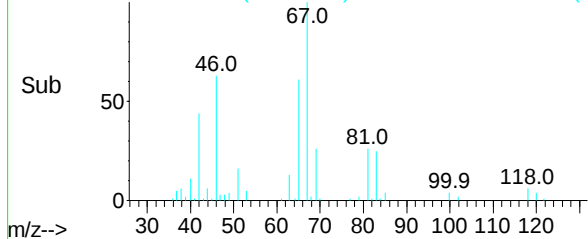


1,2-Dichloropropane
Concen: 0.71 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.036 min
Lab File: VU043250.D
Acq: 21 Apr 2021 15:07

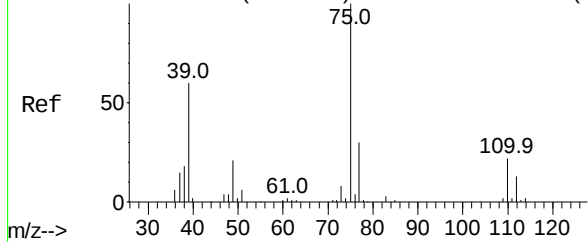
Tgt Ion:	63	Resp:	3661
Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.5	5.3#



Abundance Scan 1687 (6.764 min): VU043250.D\data.ms (-1605) (-)



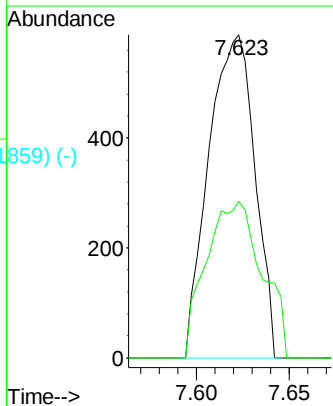
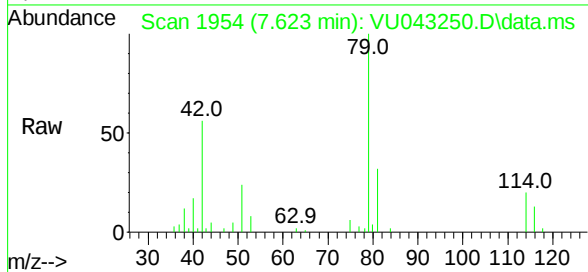
Abundance Scan 1952 (7.617 min): VU043239.D\data.ms (-1939)



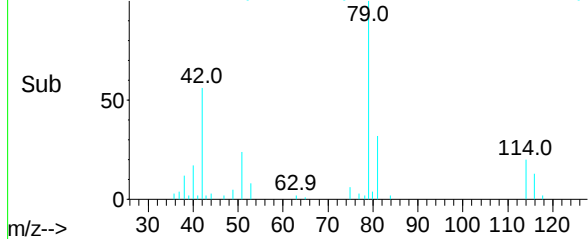
cis-1,3-Dichloropropene
Concen: 0.14 ug/L
RT: 7.623 min Scan# 1954
Delta R.T. 0.006 min
Lab File: VU043250.D
Acq: 21 Apr 2021 15:07

Instrument :
MSVOA_U
ClientSampleId :

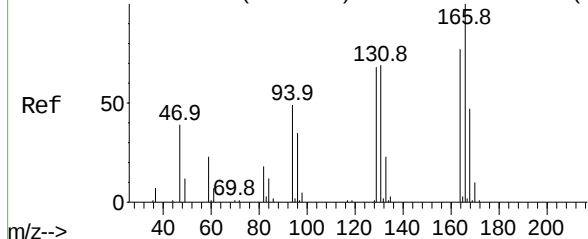
Tgt Ion: 75 Resp: 1018
Ion Ratio Lower Upper
75 100
77 48.5 21.8 40.6#



Abundance Scan 1954 (7.623 min): VU043250.D\data.ms (-1859)

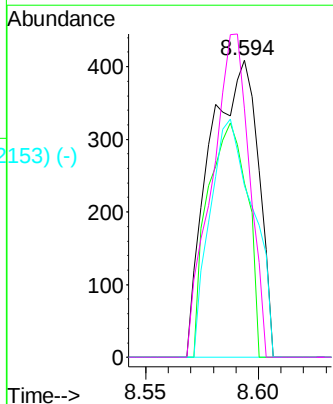
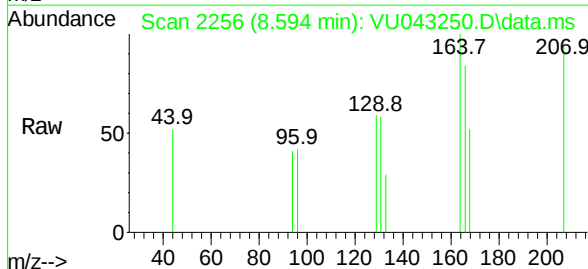


Abundance Scan 2246 (8.562 min): VU043239.D\data.ms (-2239)

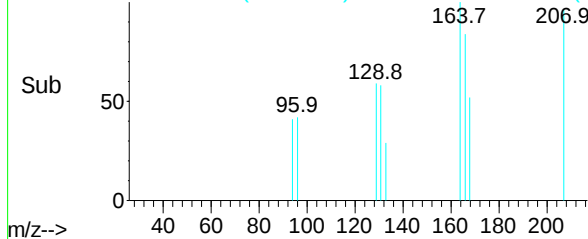


Tetrachloroethene
Concen: 0.15 ug/L
RT: 8.594 min Scan# 2256
Delta R.T. 0.032 min
Lab File: VU043250.D
Acq: 21 Apr 2021 15:07

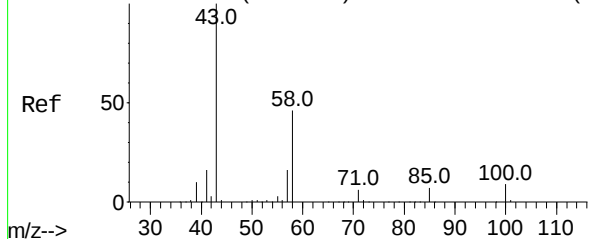
Tgt Ion:164 Resp: 616
Ion Ratio Lower Upper
164 100
129 58.7 66.6 123.8#
131 57.7 65.9 122.3#
166 83.6 93.7 173.9#



Abundance Scan 2256 (8.594 min): VU043250.D\data.ms (-2153)



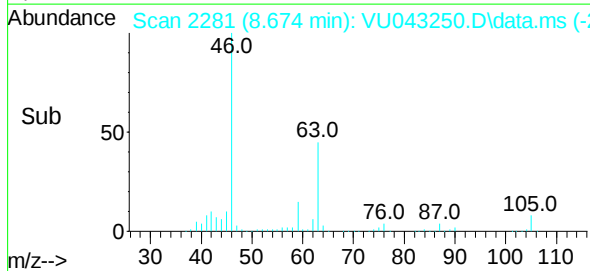
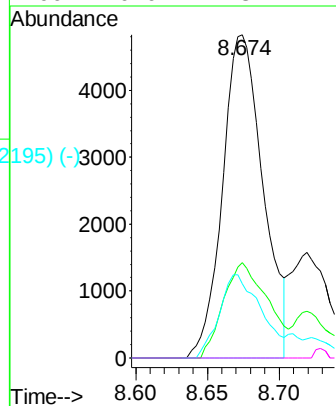
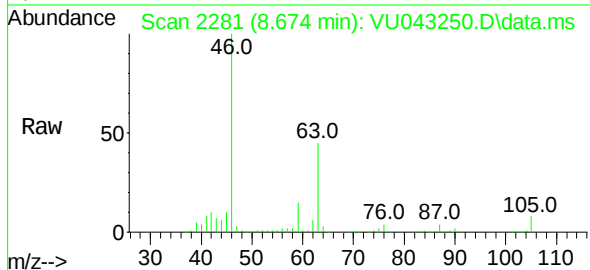
Abundance Scan 2288 (8.697 min): VU043239.D\data.ms (-2279) (-)



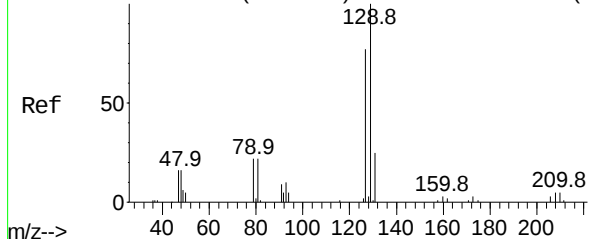
2-Hexanone
Concen: 2.79 ug/L
RT: 8.674 min Scan# 2281
Delta R.T. -0.023 min
Lab File: VU043250.D
Acq: 21 Apr 2021 15:07

Instrument :
MSVOA_U
ClientSampled :

Tgt Ion: 43 Resp: 9474
Ion Ratio Lower Upper
43 100
58 32.7 50.0 75.0#
57 26.7 17.4 26.0#
100 0.0 11.8 17.8#

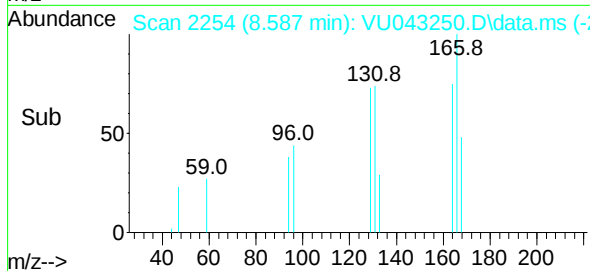
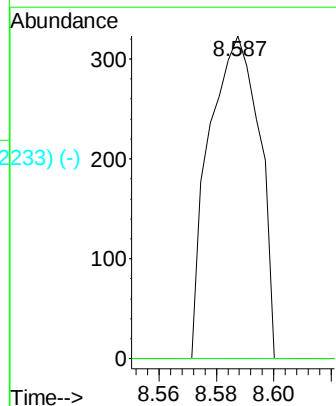
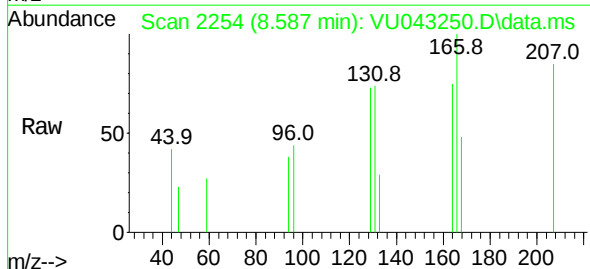


Abundance Scan 2326 (8.819 min): VU043239.D\data.ms (-2319) (-)



Dibromochloromethane
Concen: 0.08 ug/L
RT: 8.587 min Scan# 2254
Delta R.T. -0.232 min
Lab File: VU043250.D
Acq: 21 Apr 2021 15:07

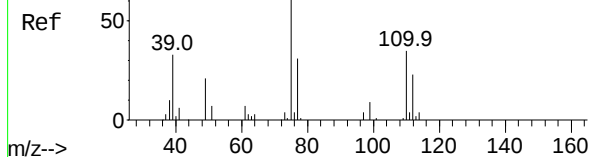
Tgt Ion:129 Resp: 392
Ion Ratio Lower Upper
129 100
127 0.0 56.6 105.2#



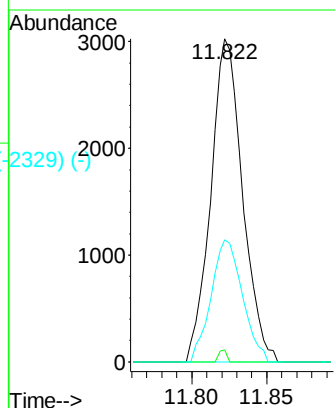
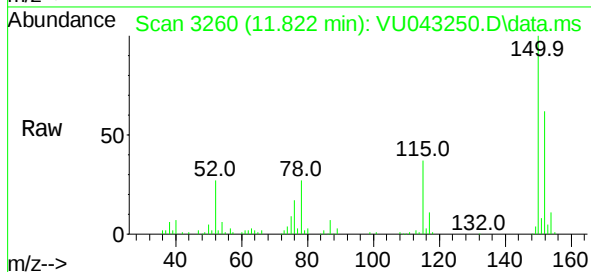
Abundance Scan 2951 (10.829 min): VU043239.D\data.ms (-2951) (-)

1,2,3-Trichloropropane
Concen: 1.28 ug/L
RT: 11.822 min Scan# 3260
Delta R.T. 0.993 min
Lab File: VU043250.D
Acq: 21 Apr 2021 15:07

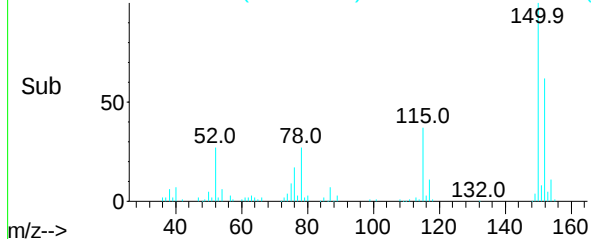
Instrument :
MSVOA_U
ClientSampled :



Tgt Ion:	75	Resp:	4447
Ion	Ratio	Lower	Upper
75	100		
110	0.9	31.5	47.3#
77	37.3	26.3	39.5



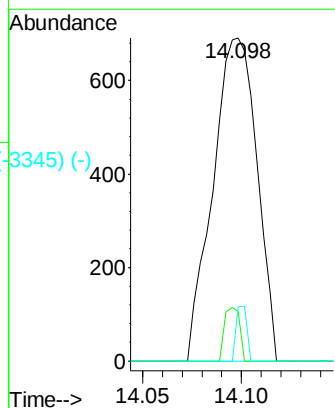
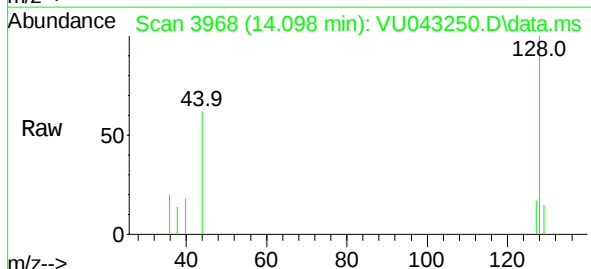
Abundance Scan 3260 (11.822 min): VU043250.D\data.ms (-3260) (-)



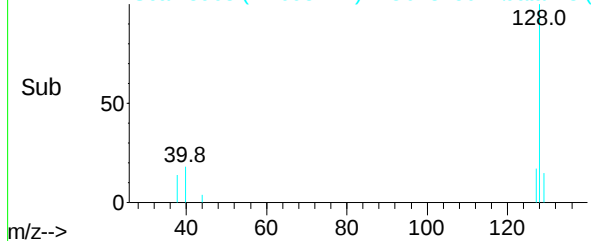
Abundance Scan 3967 (14.095 min): VU043239.D\data.ms (-3967) (-)

Naphthalene
Concen: 0.09 ug/L
RT: 14.098 min Scan# 3968
Delta R.T. 0.003 min
Lab File: VU043250.D
Acq: 21 Apr 2021 15:07

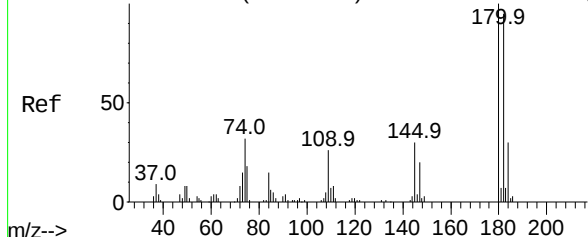
Tgt Ion:	128	Resp:	1074
Ion	Ratio	Lower	Upper
128	100		
129	5.9	8.6	12.8#
127	4.2	10.6	15.8#



Abundance Scan 3968 (14.098 min): VU043250.D\data.ms (-3968) (-)



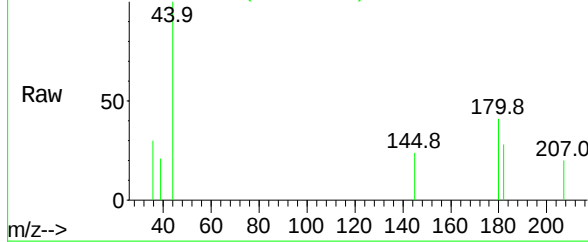
Abundance Scan 4042 (14.337 min): VU043239.D\data.ms (-4030) (-)



1,2,3-Trichlorobenzene
Concen: 0.04 ug/L
RT: 14.333 min Scan# 4041
Delta R.T. -0.003 min
Lab File: VU043250.D
Acq: 21 Apr 2021 15:07

Instrument :
MSVOA_U
ClientSampleId :

Abundance Scan 4041 (14.333 min): VU043250.D\data.ms



Tgt Ion:	180	Resp:	248
Ion	Ratio	Lower	Upper
180	100		
182	104.4	75.8	113.8
145	19.4	25.0	37.4#

Abundance Scan 4041 (14.333 min): VU043250.D\data.ms (-3949) (-)

