

Data File : VU033104.D
Acq On : 01 Jul 2019 10:54
Operator : JC/SP
Sample : K3599-14
Misc : 7.92g/10mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM23

Quant Time: Jul 02 04:19:39 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM061719WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jul 02 04:16:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.87	114	351836	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	352362	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	182914	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	78613	32.69	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	65.38%
7) Chloroethane-d5	1.64	69	58310	30.41	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	60.82%#
11) 1,1-Dichloroethene-d2	2.23	63	137521	28.39	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	56.78%#
21) 2-Butanone-d5	4.19	46	186317	93.10	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	93.10%
24) Chloroform-d	4.63	84	187009	40.01	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.02%
26) 1,2-Dichloroethane-d4	5.30	65	131672	42.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	84.58%
32) Benzene-d6	5.32	84	358813	39.06	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.12%
36) 1,2-Dichloropropane-d6	6.32	67	118497	40.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	81.00%
41) Toluene-d8	7.56	98	324146	37.68	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	75.36%#
43) trans-1,3-Dichloropropene-	7.85	79	58309	38.31	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	76.62%
47) 2-Hexanone-d5	8.32	63	122516	89.67	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	89.67%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	193027	42.67	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.34%
64) 1,2-Dichlorobenzene-d4	11.86	152	138769	39.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.40%#

Target Compounds

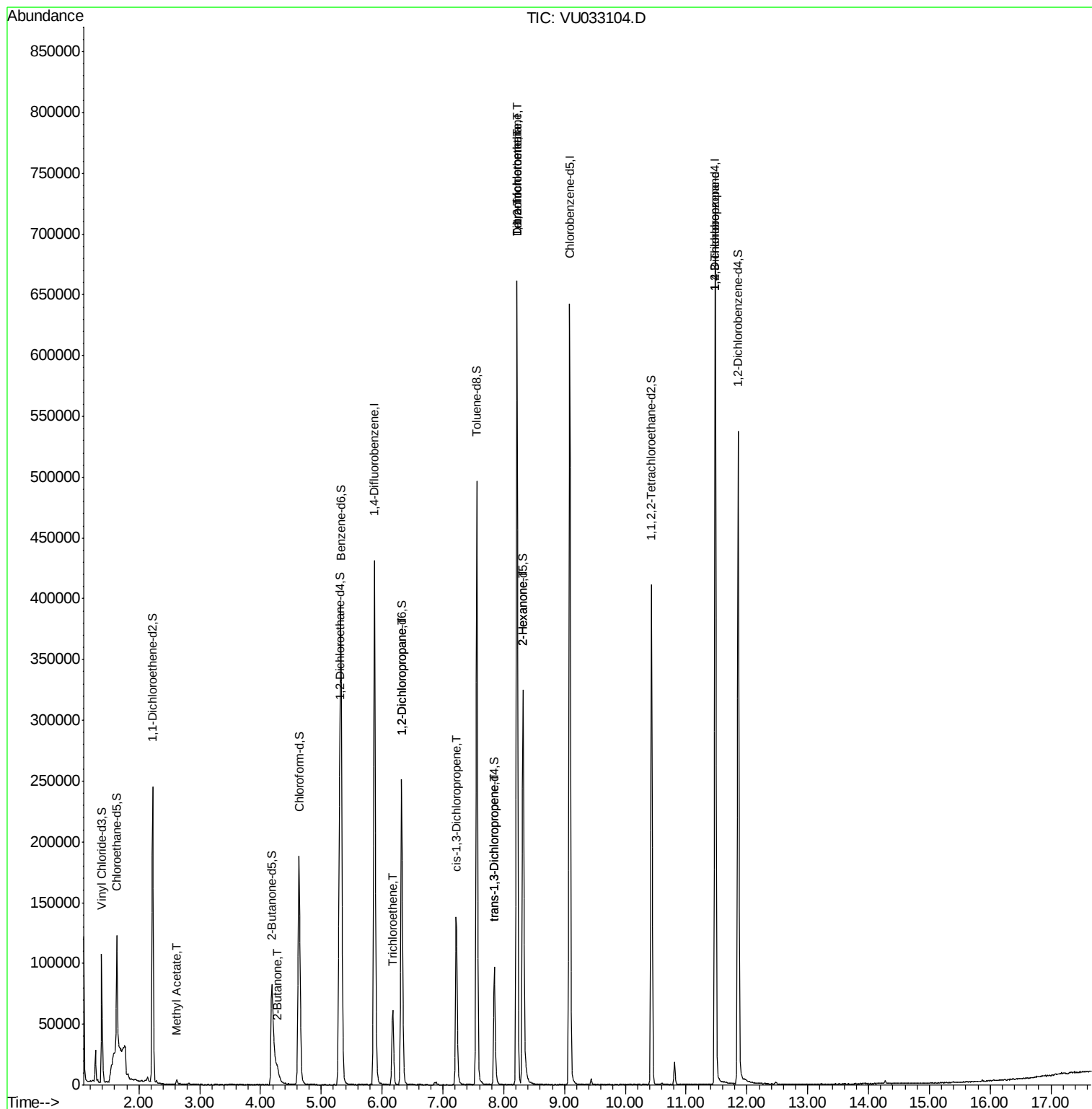
						Qvalue
15) Methyl Acetate	2.62	43	4272	1.363	ug/L	93
22) 2-Butanone	4.28	43	14255	4.975	ug/L #	62
34) Trichloroethene	6.17	95	19730	7.275	ug/L	97
37) 1,2-Dichloropropane	6.32	63	14664	5.266	ug/L #	88
39) cis-1,3-Dichloropropene	7.22	75	4170	0.961	ug/L #	69
44) trans-1,3-Dichloropropene	7.84	75	2979	0.731	ug/L	92
45) 1,1,2-Trichloroethane	8.22	97	1385	0.534	ug/L #	16
46) Tetrachloroethene	8.22	164	141345	63.601	ug/L	98
48) 2-Hexanone	8.32	43	16458	4.196	ug/L #	71
49) Dibromochloromethane	8.22	129	133005	42.571	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	22755	6.124	ug/L	90

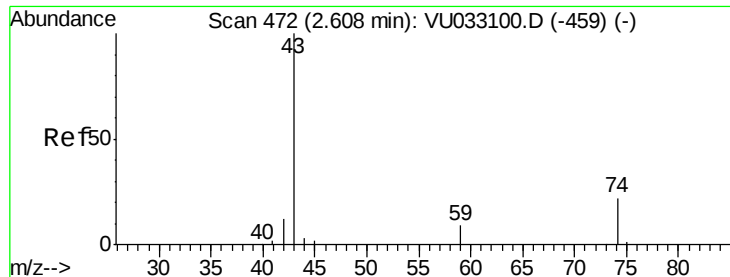
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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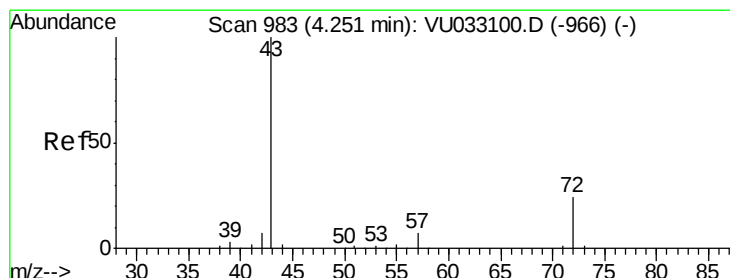
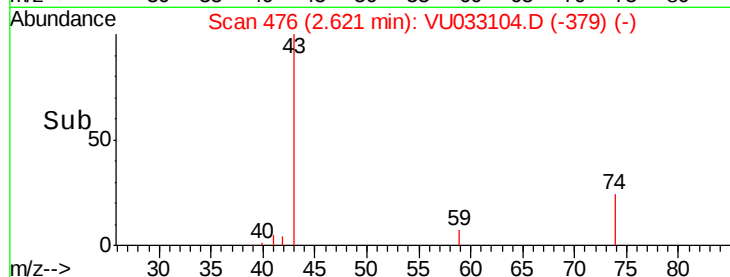
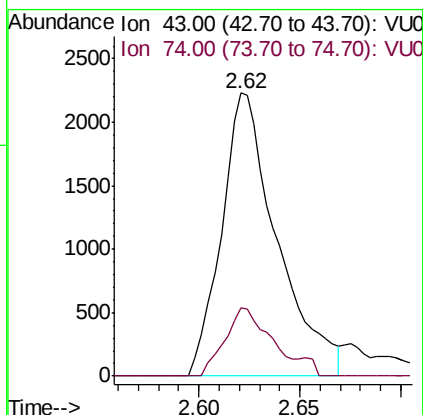
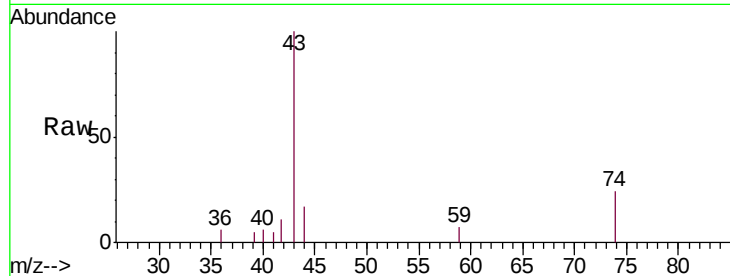




#15
Methyl Acetate
Concen: 1.363 ug/L
RT: 2.62 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU033104.D
Acq: 01 Jul 2019 10:54

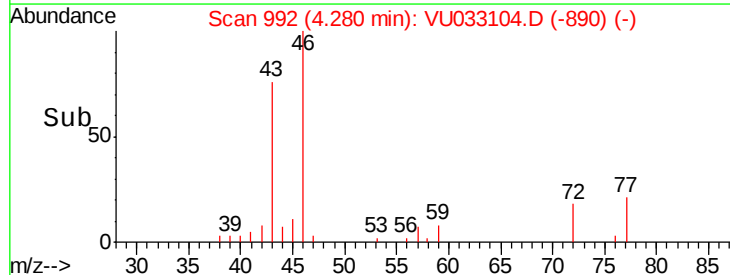
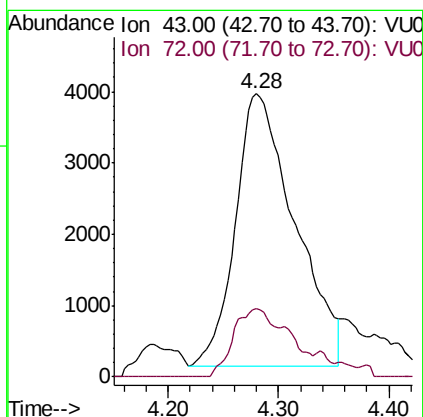
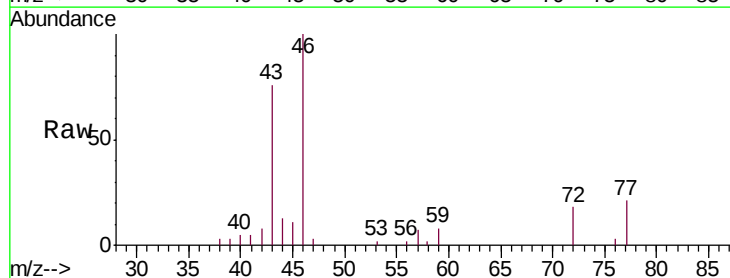
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MSVOA_U
ClientSampleId :
GAM23

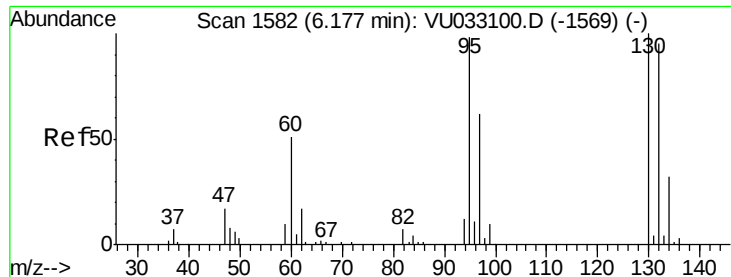
Tgt Ion: 43 Resp: 4272
Ion Ratio Lower Upper
43 100
74 19.3 18.1 27.1



#22
2-Butanone
Concen: 4.975 ug/L
RT: 4.28 min Scan# 992
Delta R.T. 0.03 min
Lab File: VU033104.D
Acq: 01 Jul 2019 10:54

Tgt Ion: 43 Resp: 14255
Ion Ratio Lower Upper
43 100
72 6.3 12.9 38.6#

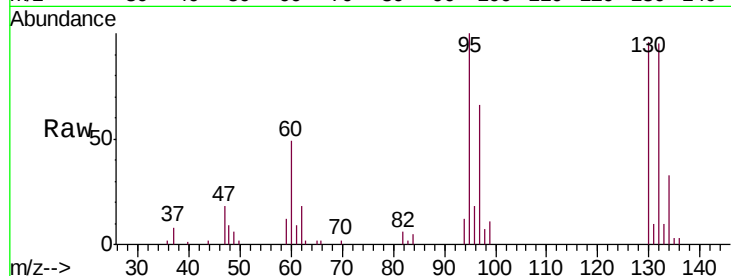




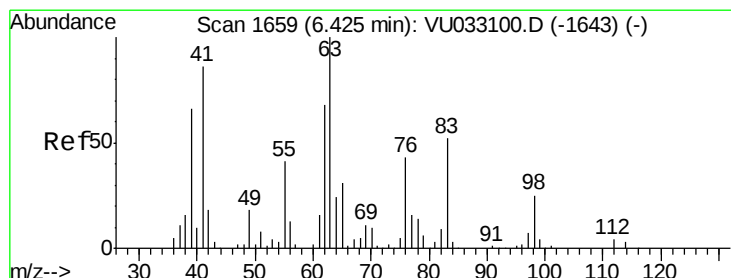
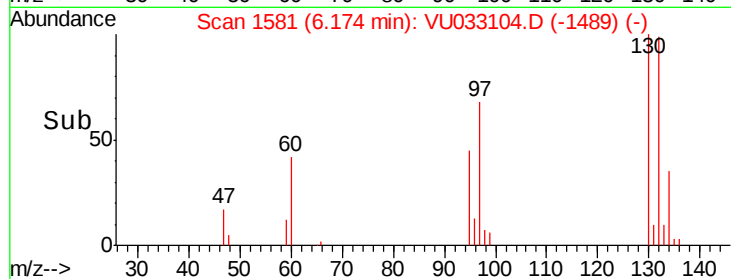
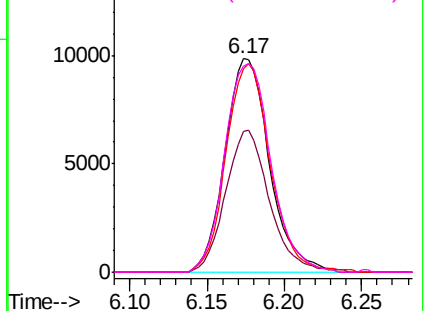
#34
 Trichloroethene
 Concen: 7.275 ug/L
 RT: 6.17 min Scan# 1581
 Delta R.T. -0.00 min
 Lab File: VU033104.D
 Acq: 01 Jul 2019 10:54

Instrument :
 MSVOA_U
 ClientSampleId :
 GAM23

Tgt Ion: 95 Resp: 19730
 Ion Ratio Lower Upper
 95 100
 97 65.8 45.9 85.3
 132 95.3 68.5 127.3
 130 96.3 70.8 131.4

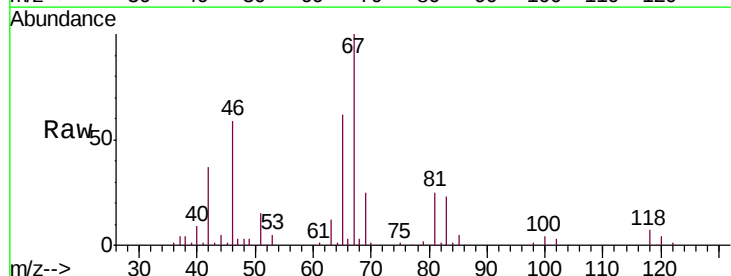


Abundance Ion 95.00 (94.70 to 95.70): VU0
 Ion 97.00 (96.70 to 97.70): VU0
 Ion 132.00 (131.70 to 132.70): V
 Ion 130.00 (129.70 to 130.70): V

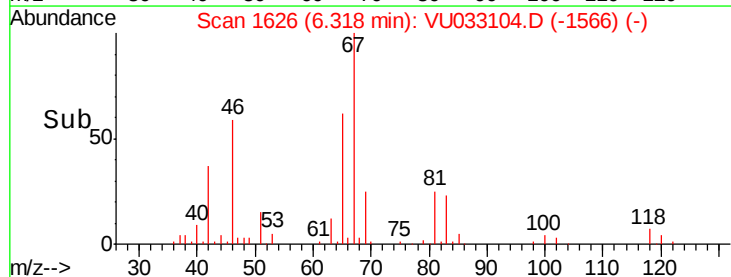
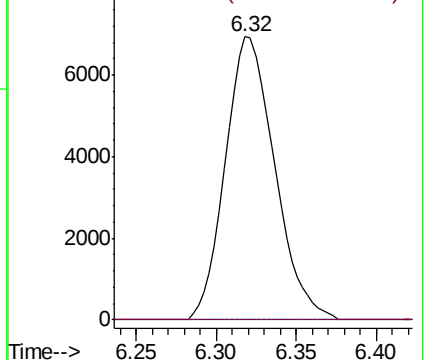


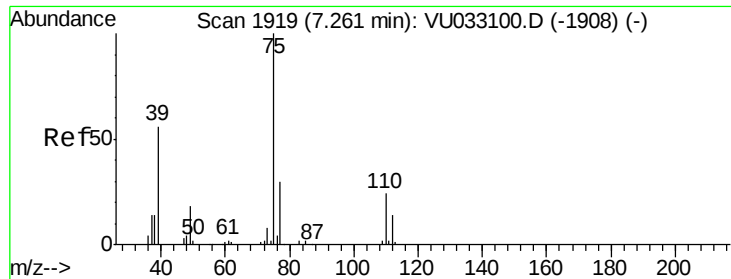
#37
 1,2-Dichloropropane
 Concen: 5.266 ug/L
 RT: 6.32 min Scan# 1626
 Delta R.T. -0.11 min
 Lab File: VU033104.D
 Acq: 01 Jul 2019 10:54

Tgt Ion: 63 Resp: 14664
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



Abundance Ion 63.00 (62.70 to 63.70): VU0
 Ion 112.00 (111.70 to 112.70): V





#39

cis-1,3-Dichloropropene

Concen: 0.961 ug/L

RT: 7.22 min Scan# 1906

Delta R.T. -0.04 min

Lab File: VU033104.D

Acq: 01 Jul 2019 10:54

Instrument :

MSVOA_U

ClientSampled :

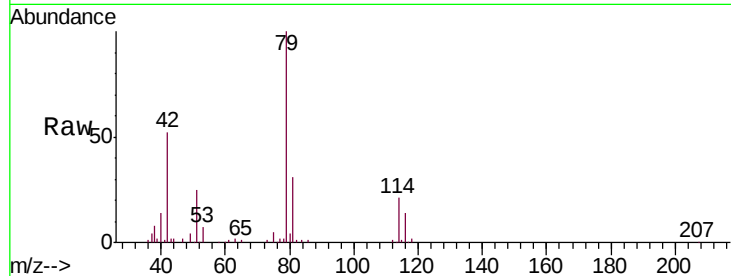
GAM23

Tgt Ion: 75 Resp: 4170

Ion Ratio Lower Upper

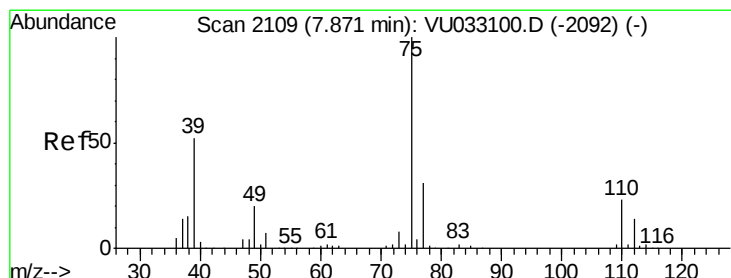
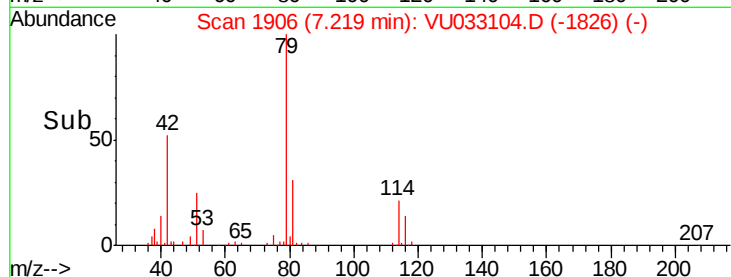
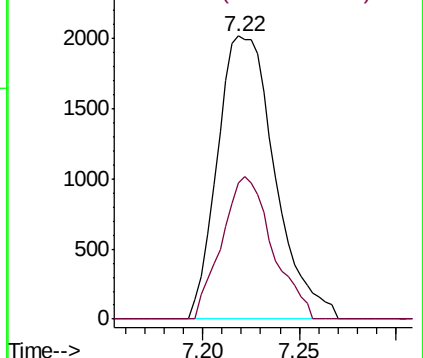
75 100

77 48.3 21.9 40.7#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0



#44

trans-1,3-Dichloropropene

Concen: 0.731 ug/L

RT: 7.84 min Scan# 2100

Delta R.T. -0.03 min

Lab File: VU033104.D

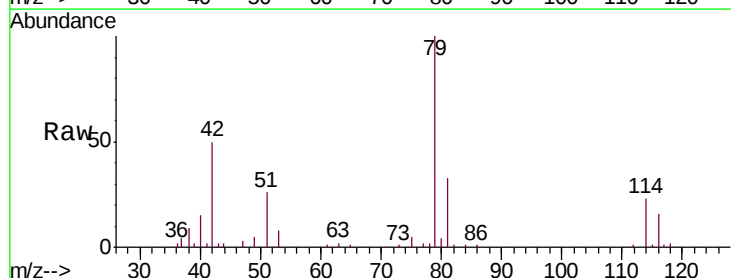
Acq: 01 Jul 2019 10:54

Tgt Ion: 75 Resp: 2979

Ion Ratio Lower Upper

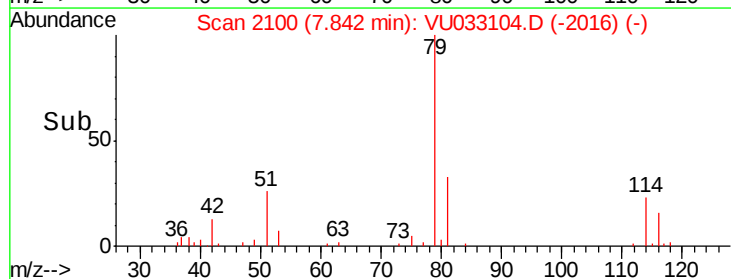
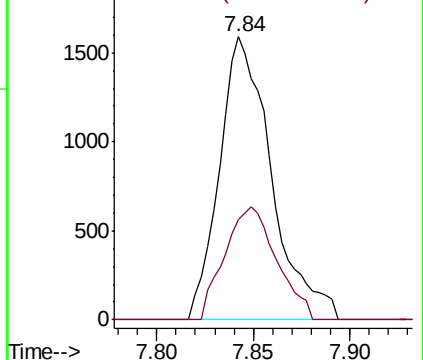
75 100

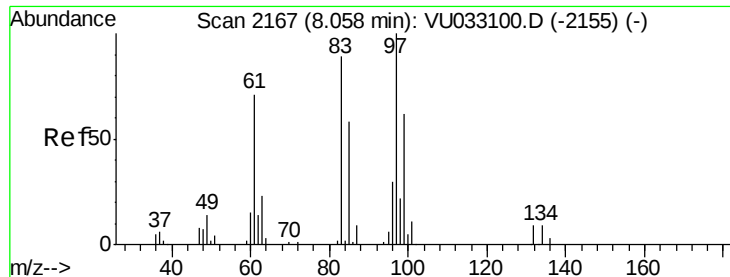
77 35.7 21.8 40.4



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

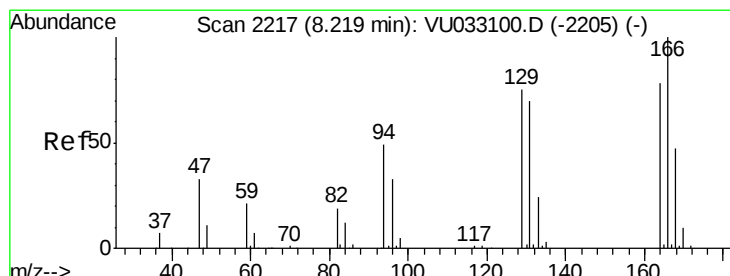
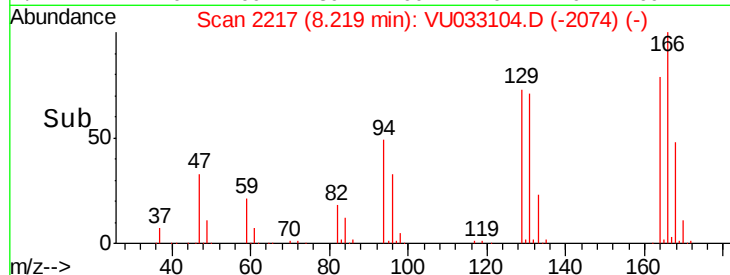
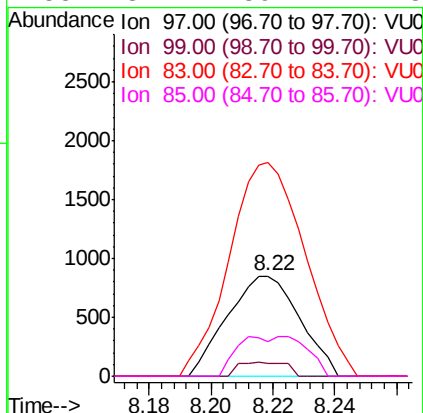
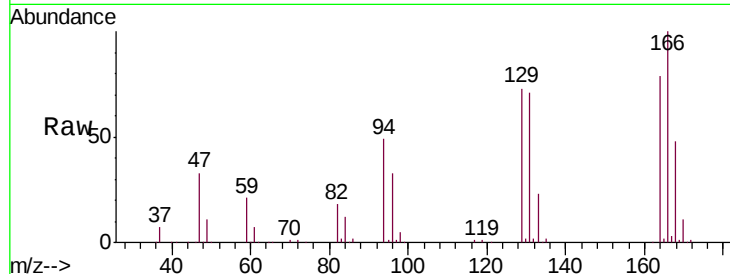




#45
1,1,2-Trichloroethane
Concen: 0.534 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. 0.16 min
Lab File: VU033104.D
Acq: 01 Jul 2019 10:54

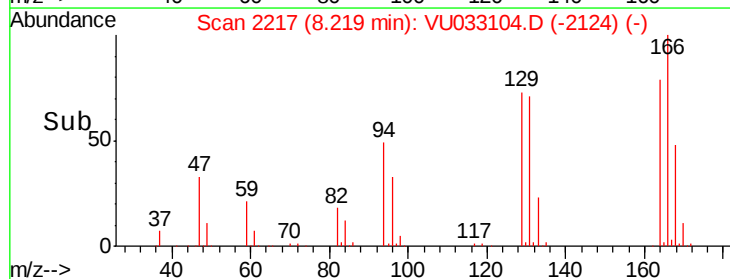
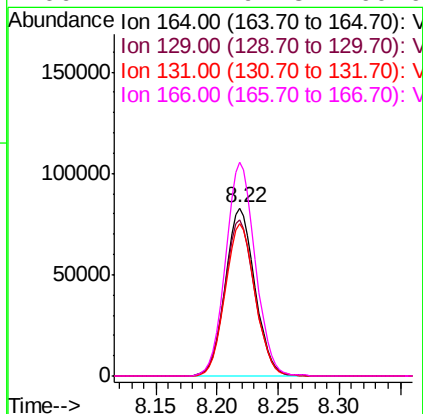
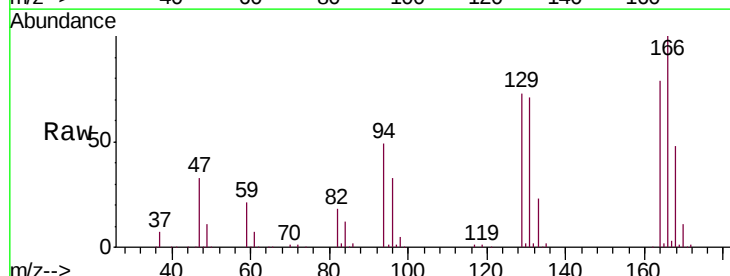
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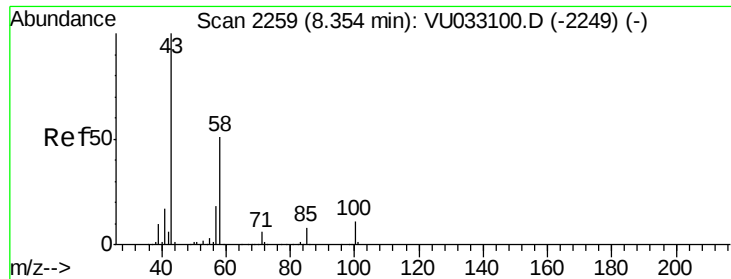
Tgt Ion:	97	Resp:	1385
Ion	Ratio	Lower	Upper
97	100		
99	13.0	43.1	80.1#
83	212.5	61.4	114.0#
85	34.7	39.2	72.8#



#46
Tetrachloroethene
Concen: 63.601 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.00 min
Lab File: VU033104.D
Acq: 01 Jul 2019 10:54

Tgt Ion:	164	Resp:	141345
Ion	Ratio	Lower	Upper
164	100		
129	92.8	64.8	120.3
131	90.5	64.5	119.7
166	127.1	91.3	169.6

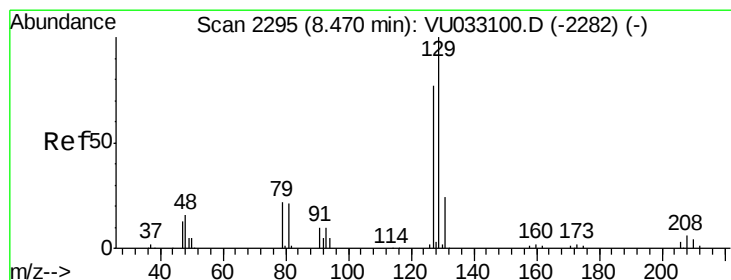
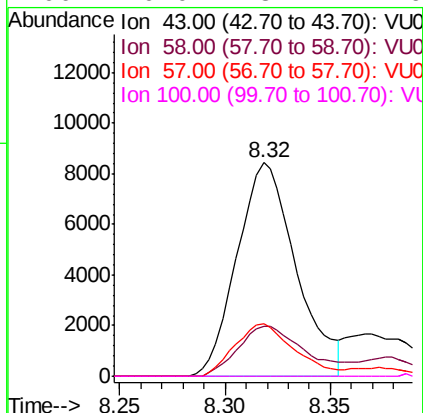
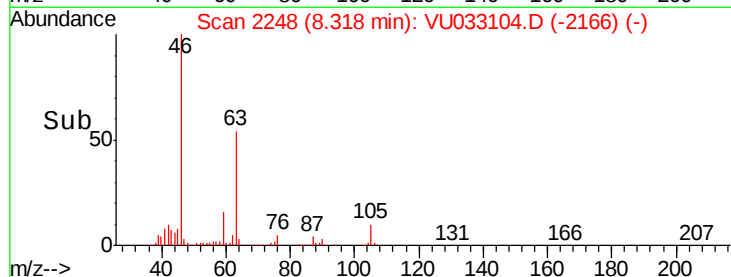
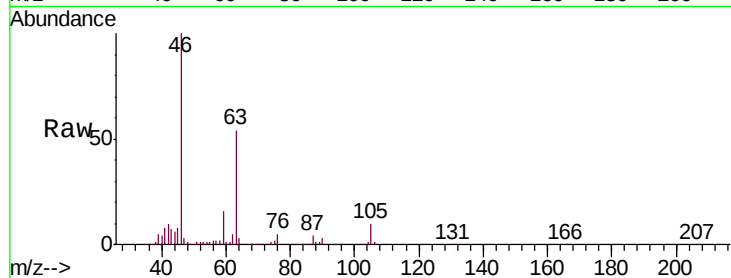




#48
2-Hexanone
Concen: 4.196 ug/L
RT: 8.32 min Scan# 2248
Delta R.T. -0.04 min
Lab File: VU033104.D
Acq: 01 Jul 2019 10:54

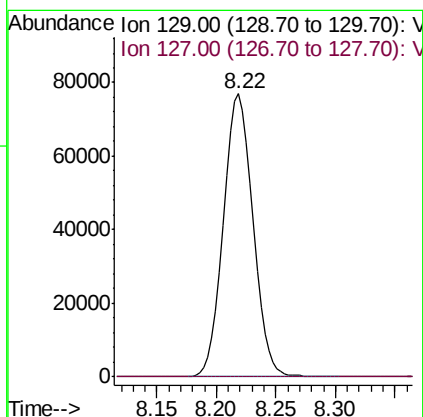
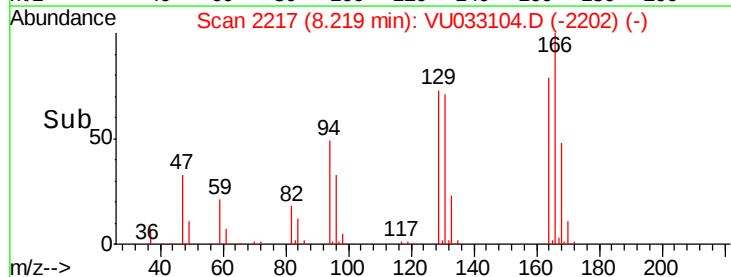
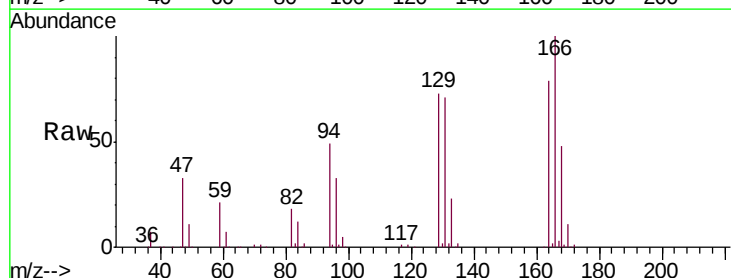
Instrument :
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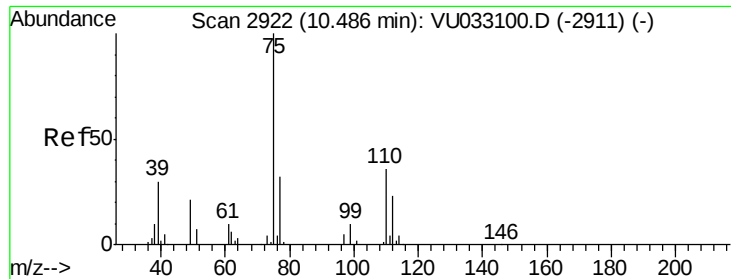
Tgt Ion: 43 Resp: 16458
Ion Ratio Lower Upper
43 100
58 27.1 40.2 60.2#
57 25.1 14.2 21.4#
100 0.0 8.4 12.6#



#49
Dibromochloromethane
Concen: 42.571 ug/L
RT: 8.22 min Scan# 2217
Delta R.T. -0.25 min
Lab File: VU033104.D
Acq: 01 Jul 2019 10:54

Tgt Ion: 129 Resp: 133005
Ion Ratio Lower Upper
129 100
127 0.0 52.3 97.1#





#59

1,2,3-Trichloropropane

Concen: 6.124 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033104.D

Acq: 01 Jul 2019 10:54

Instrument :

MSVOA_U

ClientSampleId :

GAM23

Tgt Ion: 75 Resp: 22755

Ion Ratio Lower Upper

75 100

77 37.6 25.5 38.3

