

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082418\
 Data File : VU026334.D
 Acq On : 24 Aug 2018 15:28
 Operator : MD/SY
 Sample : J4624-03ME
 Misc : 6.32g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Aug 25 02:31:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM082218WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 25 02:29:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	319838	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	321857	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	169117	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	76353	39.14	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.28%
7) Chloroethane-d5	1.64	69	49030	30.82	ug/L	-0.04
Spiked Amount	50.000	Range	70 - 130	Recovery	=	61.64%#
11) 1,1-Dichloroethene-d2	2.24	63	117695	30.70	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	61.40%
21) 2-Butanone-d5	4.19	46	131826	84.67	ug/L	0.02
Spiked Amount	100.000	Range	40 - 130	Recovery	=	84.67%
24) Chloroform-d	4.64	84	178245	40.99	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.98%
26) 1,2-Dichloroethane-d4	5.31	65	121263	42.85	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.70%
32) Benzene-d6	5.34	84	348452	40.47	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	80.94%
36) 1,2-Dichloropropane-d6	6.33	67	114015	41.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	82.48%
41) Toluene-d8	7.57	98	318154	38.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	77.32%#
43) trans-1,3-Dichloropropene-	7.85	79	55406	38.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.58%
47) 2-Hexanone-d5	8.33	63	104308	88.28	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	88.28%
57) 1,1,2,2-Tetrachloroethane-	10.44	84	177208	43.31	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	86.62%
64) 1,2-Dichlorobenzene-d4	11.86	152	152881	42.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

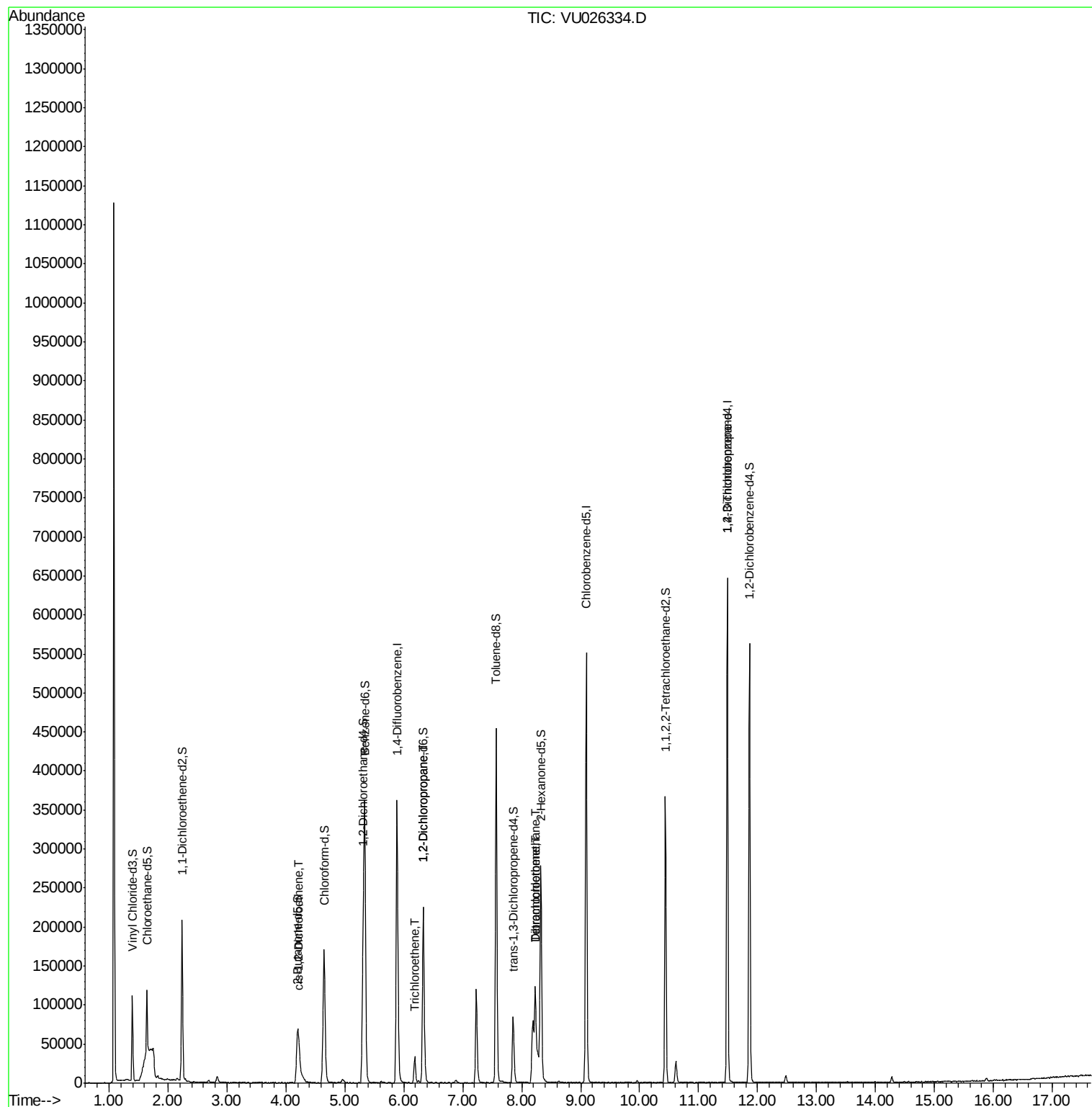
					Ovalue
20) cis-1,2-Dichloroethene	4.22	96	11738	5.125 ug/L	98
34) Trichloroethene	6.18	95	11147	4.804 ug/L	93
37) 1,2-Dichloropropane	6.33	63	12666	5.282 ug/L #	89
46) Tetrachloroethene	8.23	164	19439	9.736 ug/L	90
49) Dibromochloromethane	8.23	129	17071	6.132 ug/L #	11
59) 1,2,3-Trichloropropane	11.49	75	18839	6.302 ug/L	89

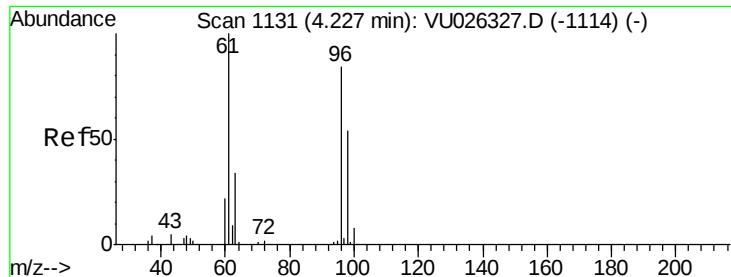
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Aug 25 02:29:46 2018
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#20

cis-1,2-Dichloroethene

Concen: 5.125 ug/L

RT: 4.22 min Scan# 1130

Delta R.T. -0.00 min

Lab File: VU026334.D

Acq: 24 Aug 2018 15:28

Instrument :
MSVOA_U
ClientSampleId :

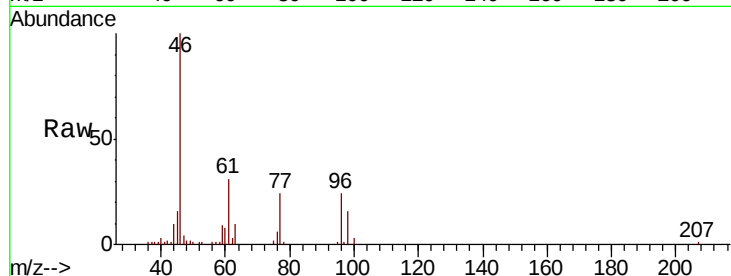
Tot Ion: 96 Resp: 11738

Ion Ratio Lower Upper

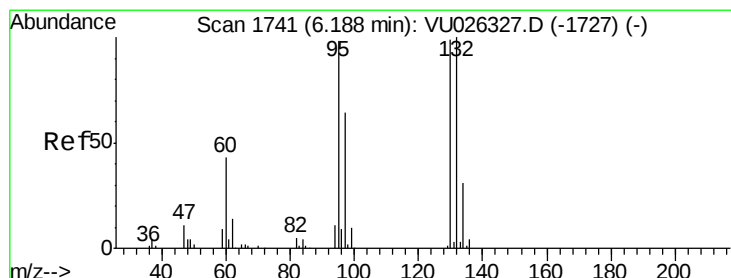
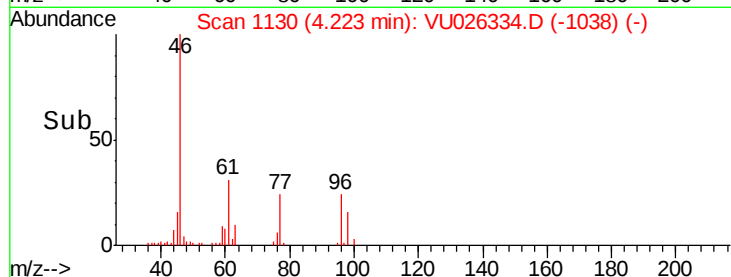
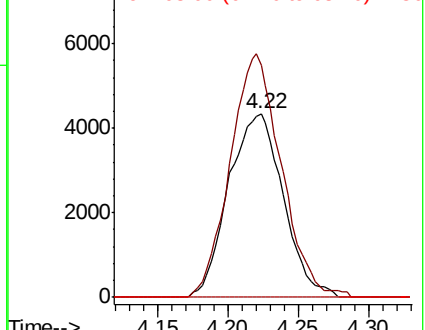
96 100

61 126.7 90.3 167.7

68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VU0
Ion 61.00 (60.70 to 61.70): VU0
Ion 68.00 (67.70 to 68.70): VU0



#34

Trichloroethene

Concen: 4.804 ug/L

RT: 6.18 min Scan# 1740

Delta R.T. -0.00 min

Lab File: VU026334.D

Acq: 24 Aug 2018 15:28

Tgt Ion: 95 Resp: 11147

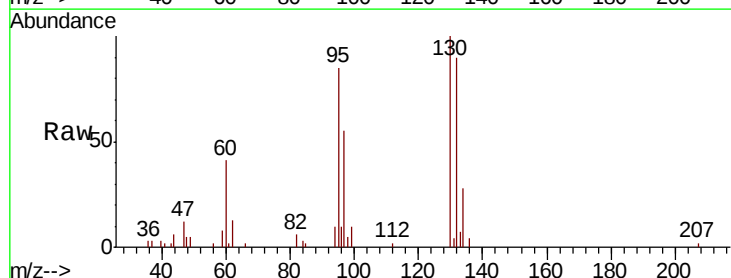
Ion Ratio Lower Upper

95 100

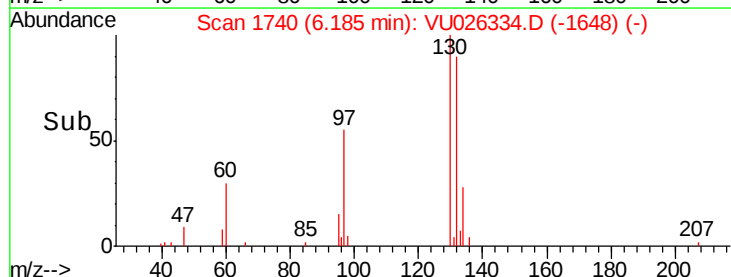
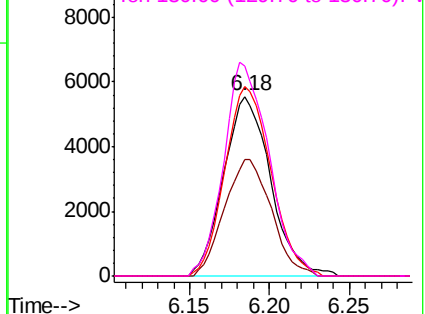
97 64.8 47.2 87.6

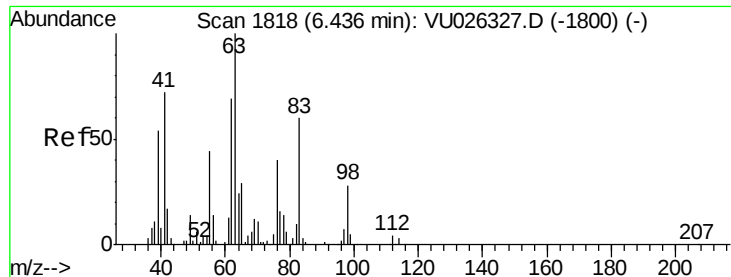
132 105.1 70.2 130.4

130 117.0 73.4 136.4



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

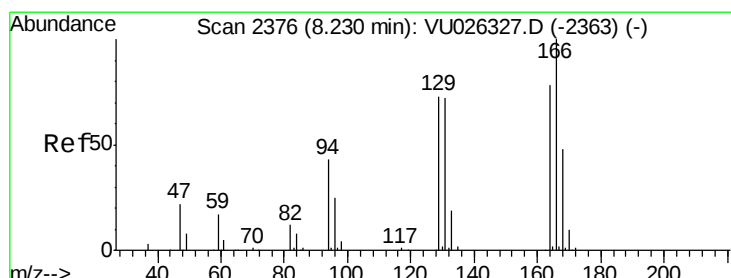
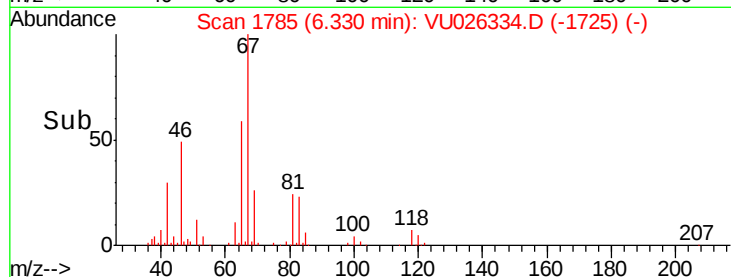
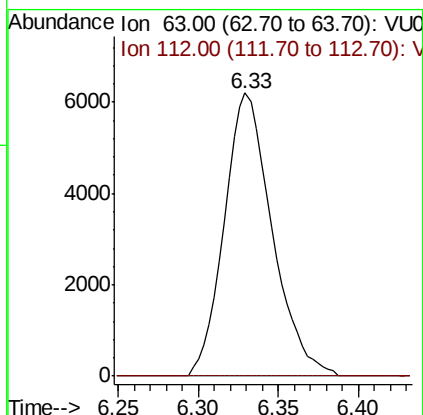
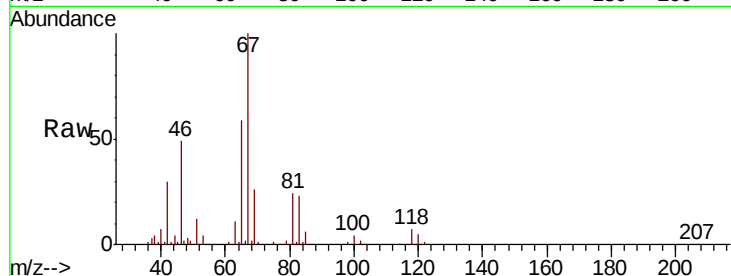




#37
 1,2-Dichloropropane
 Concen: 5.282 ug/L
 RT: 6.33 min Scan# 1785
 Delta R.T. -0.11 min
 Lab File: VU026334.D
 Acq: 24 Aug 2018 15:28

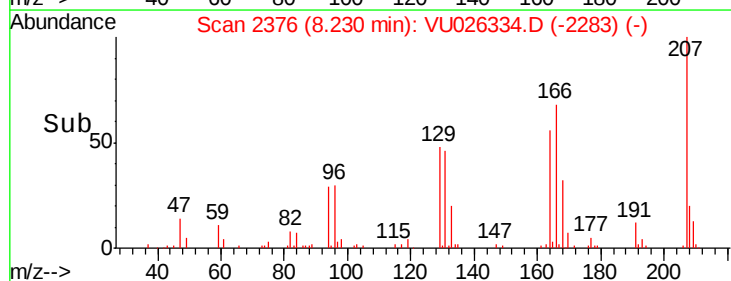
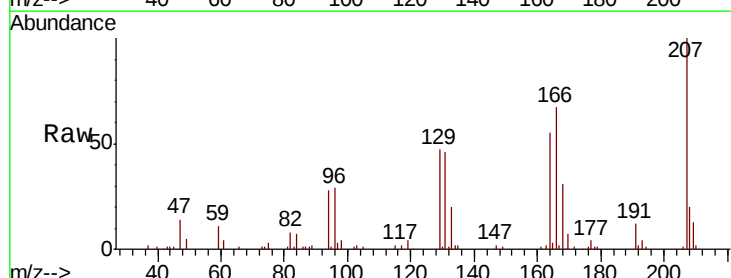
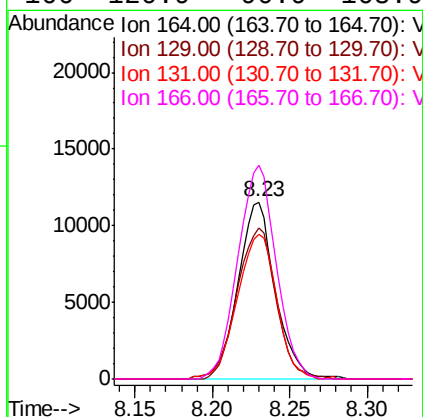
Instrument :
 MSVOA_U
 ClientSampleId :

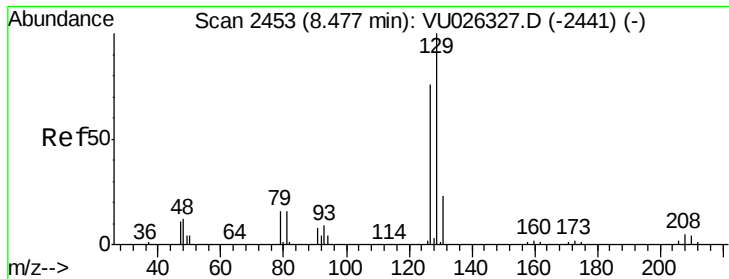
Tot Ion: 63 Resp: 12666
 Ion Ratio Lower Upper
 63 100
 112 0.6 3.4 5.2#



#46
 Tetrachloroethene
 Concen: 9.736 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. 0.00 min
 Lab File: VU026334.D
 Acq: 24 Aug 2018 15:28

Tgt Ion: 164 Resp: 19439
 Ion Ratio Lower Upper
 164 100
 129 85.2 67.3 124.9
 131 82.1 65.5 121.7
 166 120.9 90.9 168.9

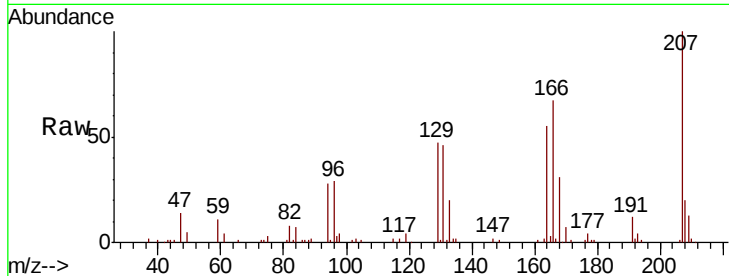




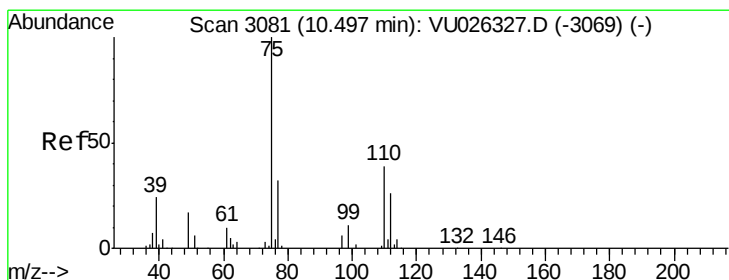
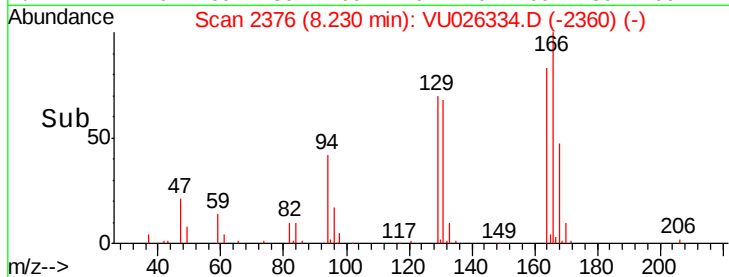
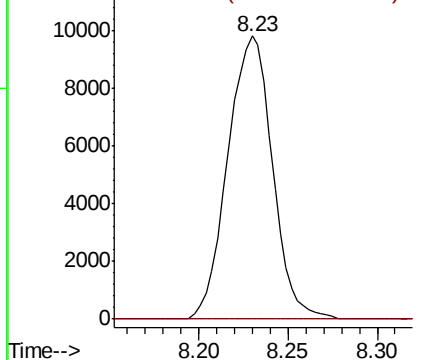
#49
 Dibromochloromethane
 Concen: 6.132 ug/L
 RT: 8.23 min Scan# 2376
 Delta R.T. -0.25 min
 Lab File: VU026334.D
 Acq: 24 Aug 2018 15:28

Instrument :
 MSVOA_U
 ClientSampled :

Tot Ion:129 Resp: 17071
 Ion Ratio Lower Upper
 129 100
 127 0.0 53.8 100.0#

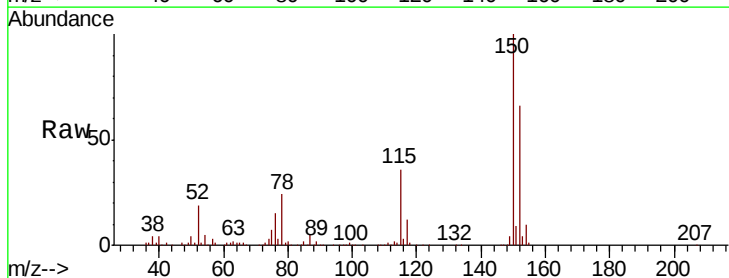


Abundance Ion 129.00 (128.70 to 129.70): V
 Ion 127.00 (126.70 to 127.70): V



#59
 1,2,3-Trichloropropane
 Concen: 6.302 ug/L
 RT: 11.49 min Scan# 3389
 Delta R.T. 0.99 min
 Lab File: VU026334.D
 Acq: 24 Aug 2018 15:28

Tgt Ion: 75 Resp: 18839
 Ion Ratio Lower Upper
 75 100
 77 38.0 25.5 38.3



Abundance Ion 75.00 (74.70 to 75.70): VU0
 Ion 77.00 (76.70 to 77.70): VU0

