

Data File : VU031949.D
Acq On : 12 May 2019 17:40
Operator : JC/SP
Sample : K2791-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D52

Quant Time: May 13 07:05:11 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	451451	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	456340	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	160838	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	113067	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.68	69	116522	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.80%
11) 1,1-Dichloroethene-d2	2.27	63	172796	2.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	52.20%#
20) 2-Butanone-d5	4.21	46	522468	43.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.98%
24) Chloroform-d	4.64	84	262491	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
26) 1,2-Dichloroethane-d4	5.31	65	148259	3.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.40%
32) Benzene-d6	5.33	84	485673	4.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.20%
36) 1,2-Dichloropropane-d6	6.33	67	171361	4.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.00%
41) Toluene-d8	7.56	98	356875	3.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	71.40%
43) trans-1,3-Dichloropropene-	7.85	79	50822	3.38	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	67.60%
46) 2-Hexanone-d5	8.31	63	361467	47.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.96%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	160178	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	134964	5.07	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.40%

Target Compounds

					Qvalue	
12) 1,1-Dichloroethene	2.28	96	5953	0.194	ug/L #	1
13) Acetone	2.35	43	139324	16.981	ug/L	82
15) Methyl Acetate	2.35	43	119154	5.629	ug/L #	59
16) Methylene chloride	2.70	84	5255	0.123	ug/L	86
18) trans-1,2-Dichloroethene	2.98	96	1802	0.054	ug/L #	64
19) 1,1-Dichloroethane	3.44	63	29916	0.368	ug/L	98
22) cis-1,2-Dichloroethene	4.22	96	248461	6.254	ug/L	78
25) Chloroform	4.67	83	13740	0.172	ug/L	95
34) Trichloroethene	6.18	95	44289	1.104	ug/L	90
35) Methylcyclohexane	6.33	83	38046	0.660	ug/L #	11
37) 1,2-Dichloropropane	6.33	63	18855	0.414	ug/L #	94
45) 1,1,2-Trichloroethane	8.22	97	3247	0.120	ug/L #	1
47) Tetrachloroethene	8.22	164	316700	12.141	ug/L	97
48) 2-Hexanone	8.37	43	23333	1.071	ug/L #	78
49) Dibromochloromethane	8.22	129	314679	10.028	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	21264	0.789	ug/L	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051219\
Quantitation Report (Not Reviewed)

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Response via : Initial Calibration

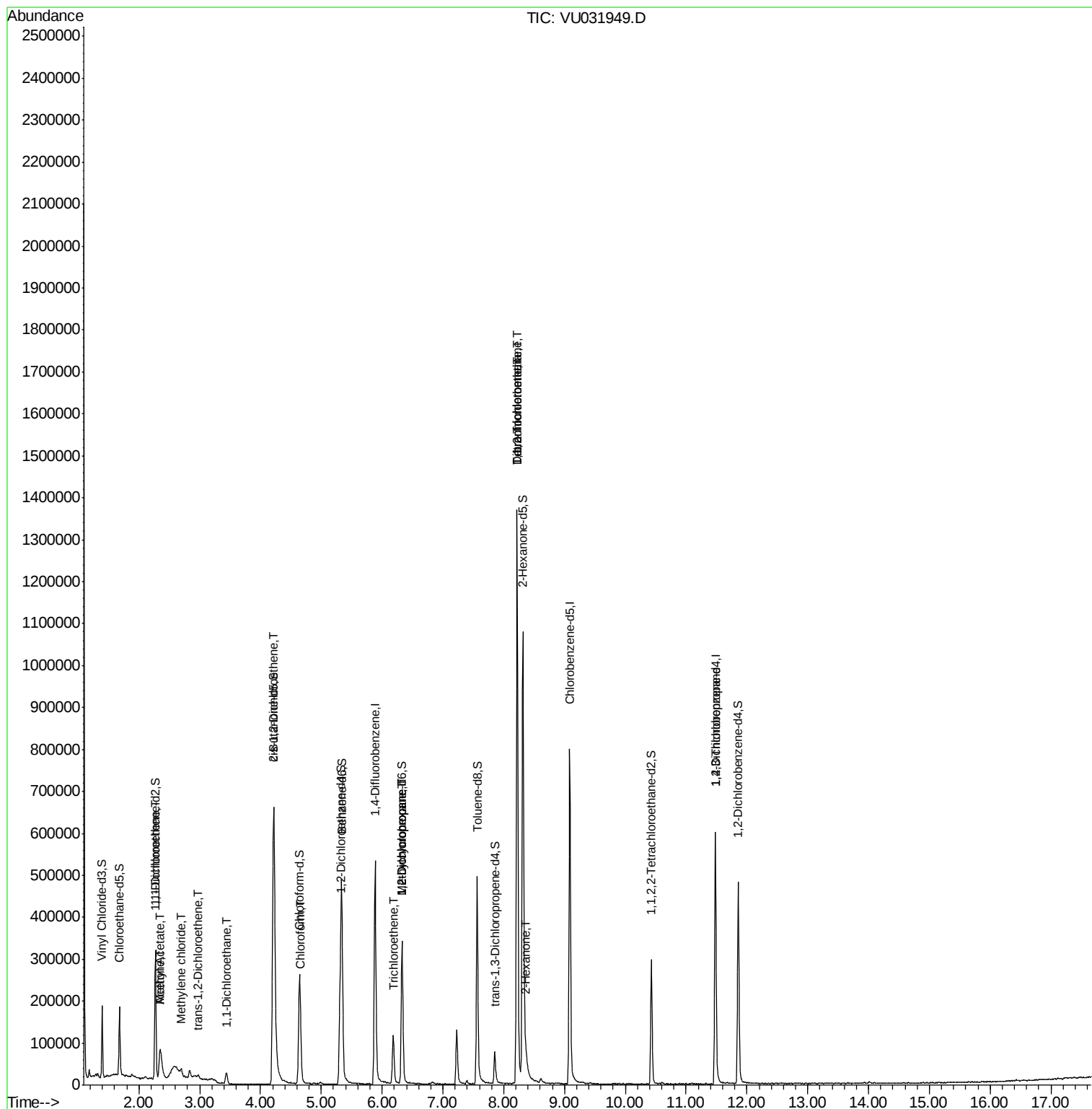
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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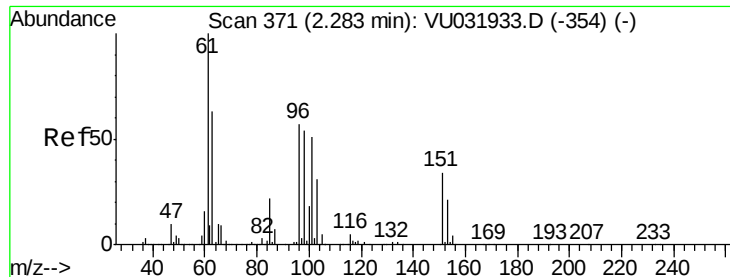
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon May 13 07:00:03 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 0.194 ug/L

RT: 2.28 min Scan# 371

Delta R.T. 0.00 min

Lab File: VU031949.D

Acq: 12 May 2019 17:40

Instrument :

MSVOA_U

ClientSampleId :

F9D52

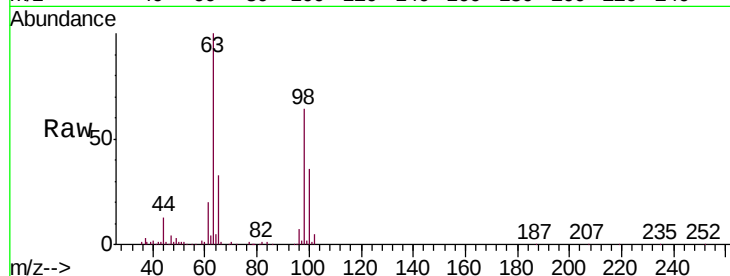
Tgt Ion: 96 Resp: 5953

Ion Ratio Lower Upper

96 100

61 286.1 149.0 276.6#

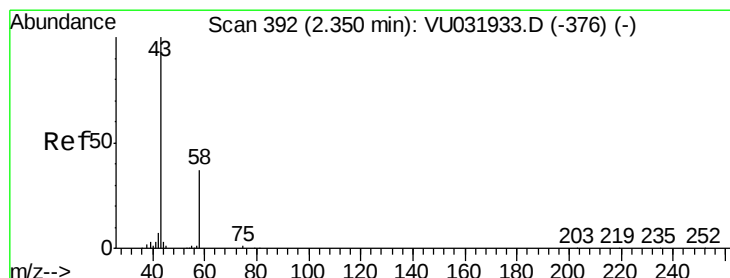
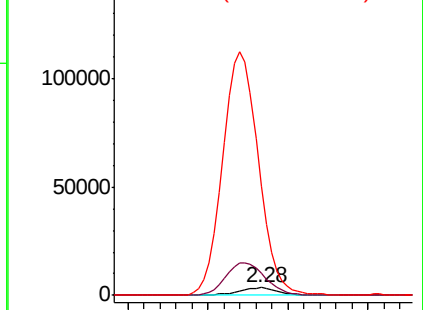
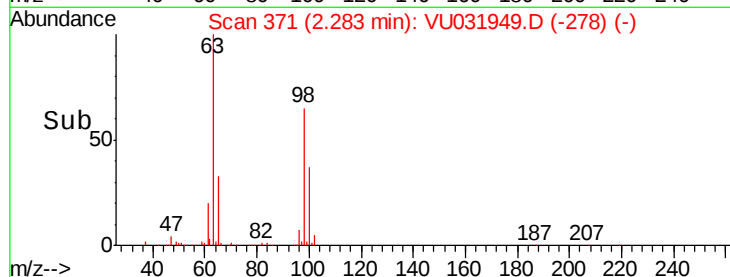
63 1446.6 99.8 185.4#



Abundance Ion 96.00 (95.70 to 96.70): VU031949.D (-278) (-)

Ion 61.05 (60.75 to 61.75): VU031949.D (-278) (-)

Ion 63.00 (62.70 to 63.70): VU031949.D (-278) (-)



#13

Acetone

Concen: 16.981 ug/L

RT: 2.35 min Scan# 392

Delta R.T. 0.00 min

Lab File: VU031949.D

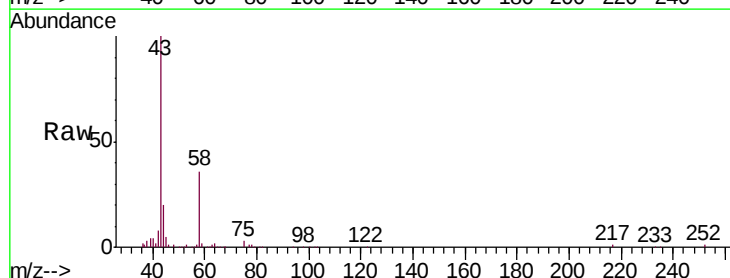
Acq: 12 May 2019 17:40

Tgt Ion: 43 Resp: 139324

Ion Ratio Lower Upper

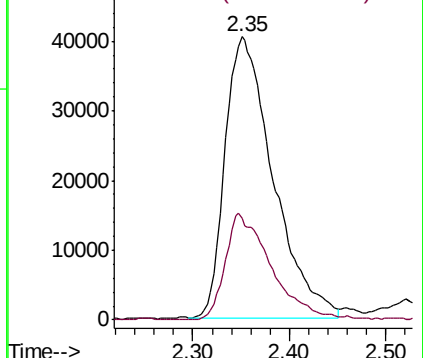
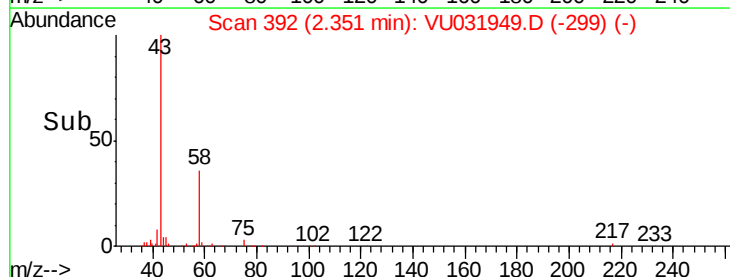
43 100

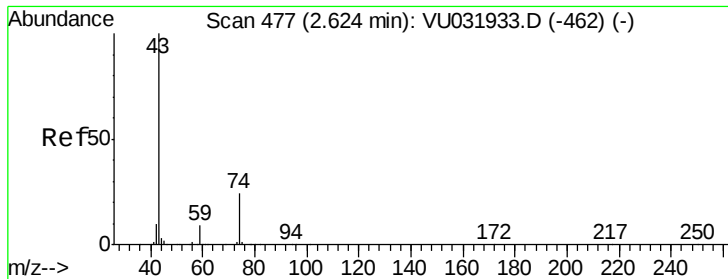
58 35.9 0.0 53.6



Abundance Ion 43.05 (42.75 to 43.75): VU031949.D (-299) (-)

Ion 58.05 (57.75 to 58.75): VU031949.D (-299) (-)

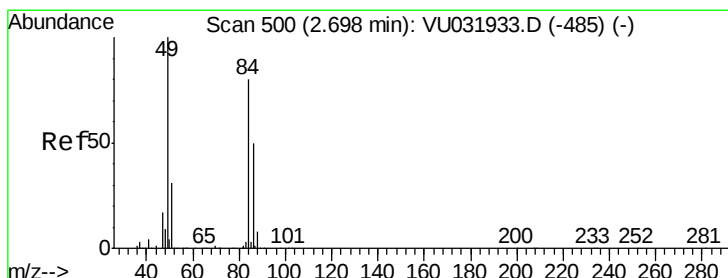
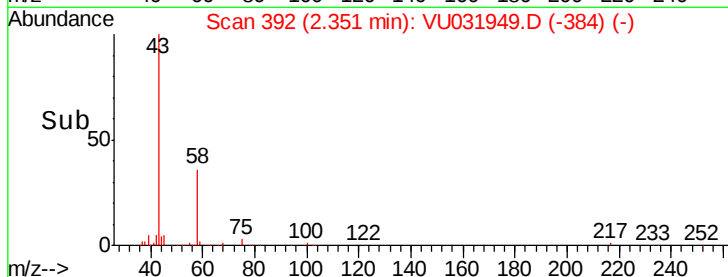
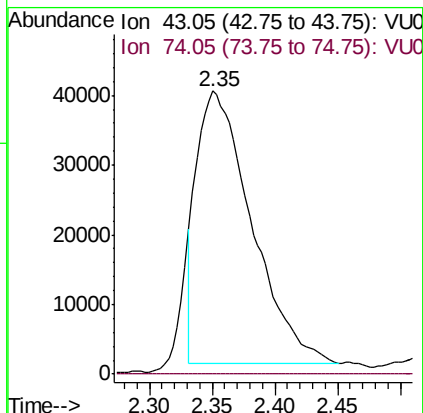
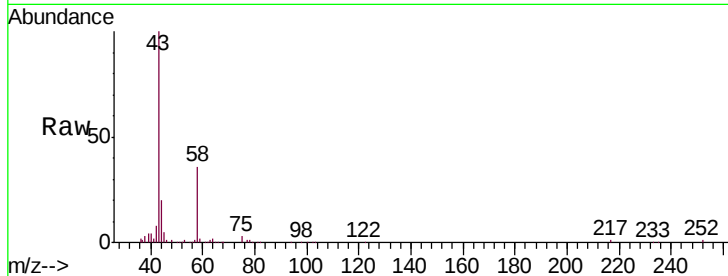




#15
Methyl Acetate
Concen: 5.629 ug/L
RT: 2.35 min Scan# 392
Delta R.T. -0.27 min
Lab File: VU031949.D
Acq: 12 May 2019 17:40

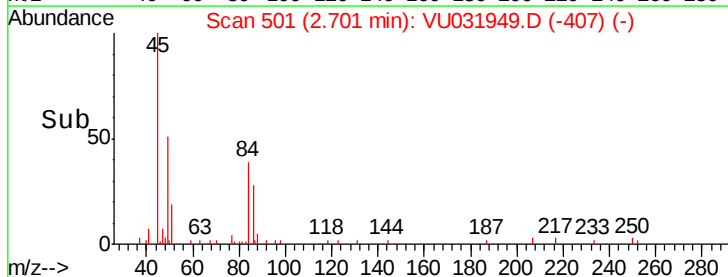
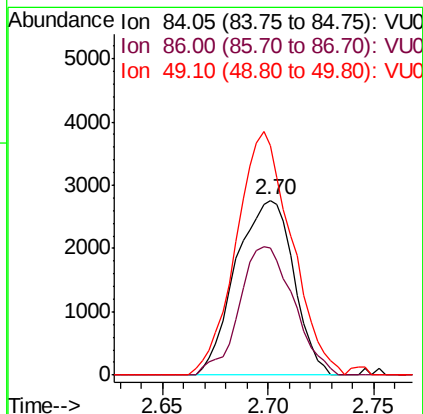
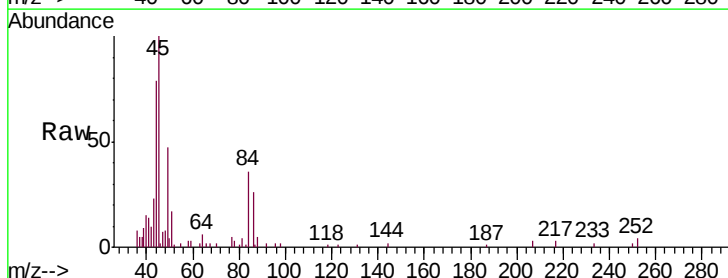
Instrument :
MSVOA_U
ClientSampleId :
F9D52

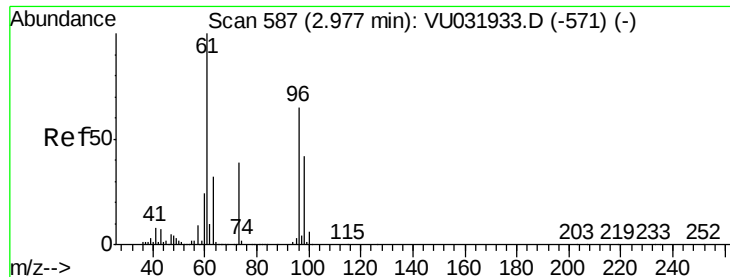
Tgt Ion: 43 Resp: 119154
Ion Ratio Lower Upper
43 100
74 0.0 14.7 22.1#



#16
Methylene chloride
Concen: 0.123 ug/L
RT: 2.70 min Scan# 501
Delta R.T. 0.00 min
Lab File: VU031949.D
Acq: 12 May 2019 17:40

Tgt Ion: 84 Resp: 5255
Ion Ratio Lower Upper
84 100
86 72.6 45.6 84.8
49 131.5 106.7 198.1





#18

trans-1,2-Dichloroethene

Concen: 0.054 ug/L

RT: 2.98 min Scan# 587

Delta R.T. 0.00 min

Lab File: VU031949.D

Acq: 12 May 2019 17:40

Instrument :

MSVOA_U

ClientSampleId :

F9D52

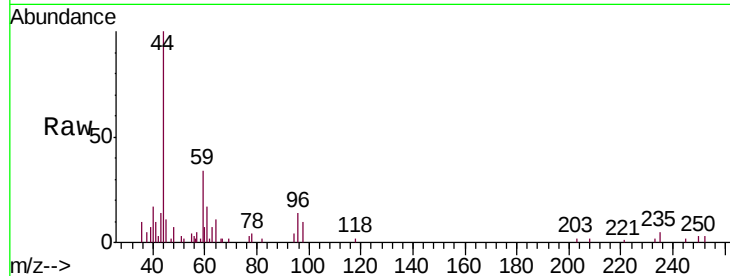
Tgt Ion: 96 Resp: 1802

Ion Ratio Lower Upper

96 100

61 119.6 130.9 243.1#

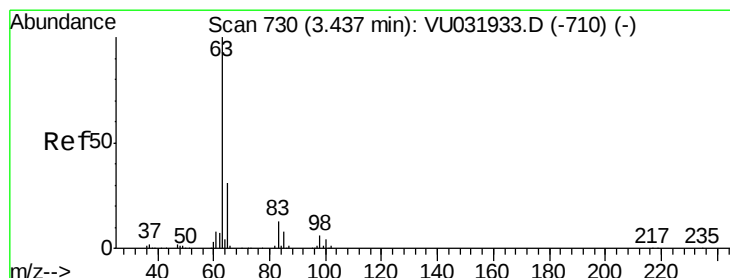
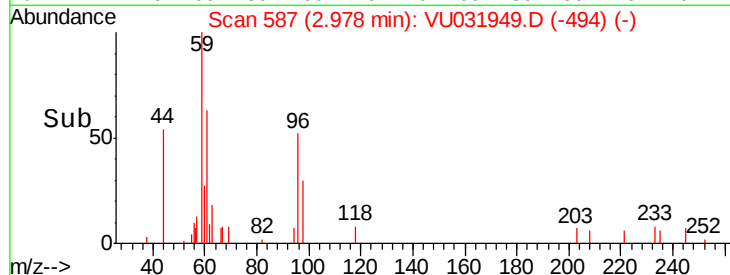
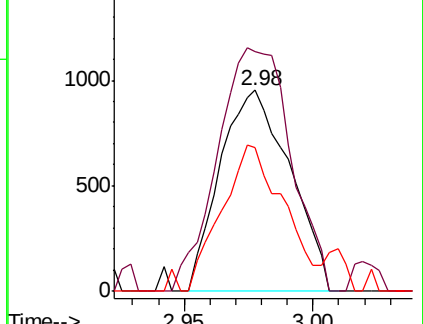
98 71.3 46.2 85.8



Abundance Ion 96.00 (95.70 to 96.70): VU031933.D (-571) (-)

Ion 61.05 (60.75 to 61.75): VU031933.D (-571) (-)

Ion 97.95 (97.65 to 98.65): VU031933.D (-571) (-)



#19

1,1-Dichloroethane

Concen: 0.368 ug/L

RT: 3.44 min Scan# 731

Delta R.T. 0.00 min

Lab File: VU031949.D

Acq: 12 May 2019 17:40

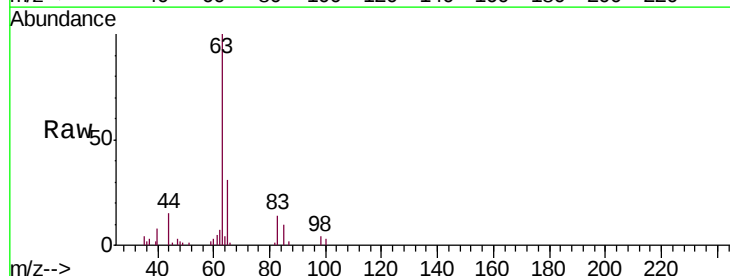
Tgt Ion: 63 Resp: 29916

Ion Ratio Lower Upper

63 100

65 31.1 21.8 40.4

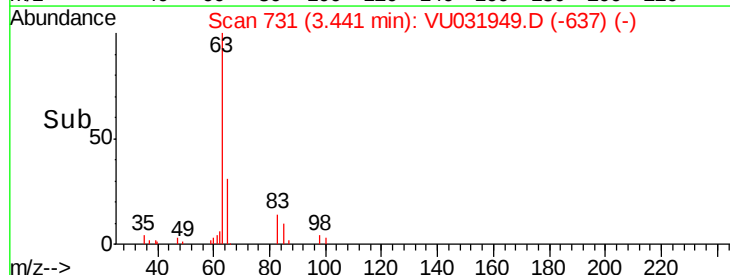
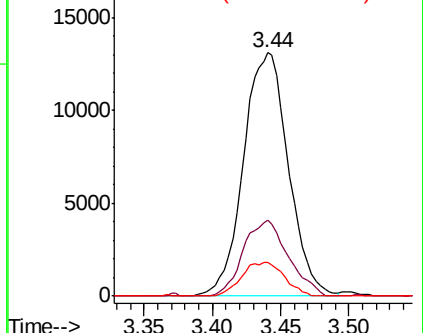
83 13.7 7.9 14.7

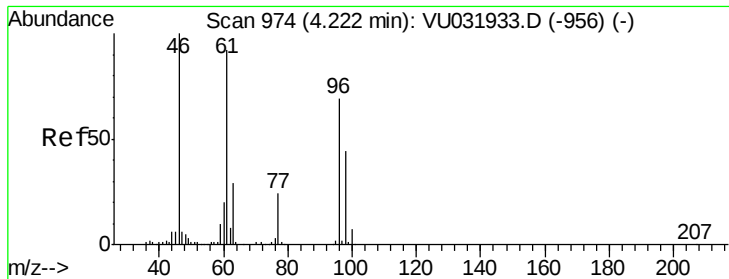


Abundance Ion 63.10 (62.80 to 63.80): VU031933.D (-710) (-)

Ion 65.10 (64.80 to 65.80): VU031933.D (-710) (-)

Ion 83.05 (82.75 to 83.75): VU031933.D (-710) (-)



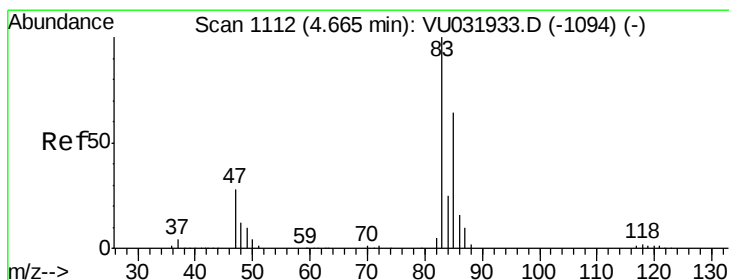
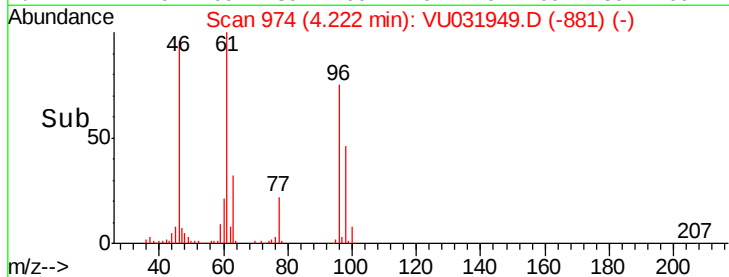
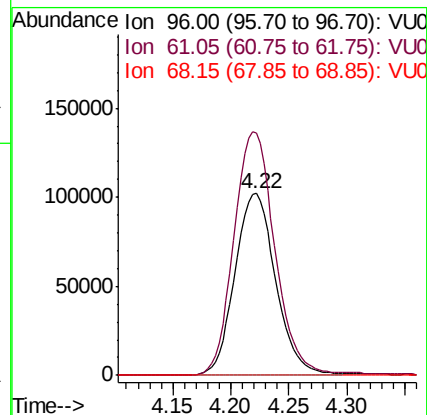
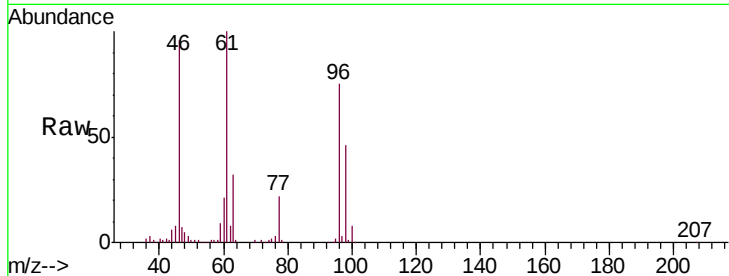


#22

cis-1,2-Dichloroethene
 Concen: 6.254 ug/L
 RT: 4.22 min Scan# 974
 Delta R.T. 0.00 min
 Lab File: VU031949.D
 Acq: 12 May 2019 17:40

Instrument :
 MSVOA_U
 ClientSampleId :
 F9D52

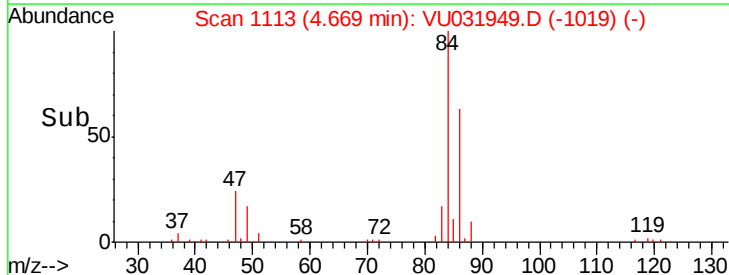
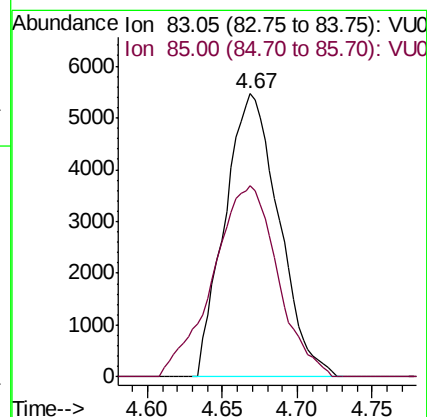
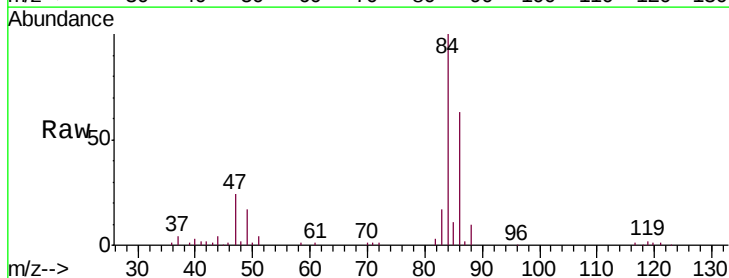
Tgt Ion: 96 Resp: 248461
 Ion Ratio Lower Upper
 96 100
 61 133.2 113.3 210.5
 68 0.0 0.0 0.0

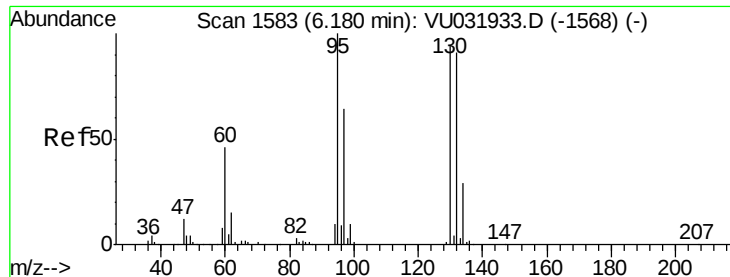


#25

Chloroform
 Concen: 0.172 ug/L
 RT: 4.67 min Scan# 1113
 Delta R.T. 0.00 min
 Lab File: VU031949.D
 Acq: 12 May 2019 17:40

Tgt Ion: 83 Resp: 13740
 Ion Ratio Lower Upper
 83 100
 85 67.4 44.4 82.5





#34

Trichloroethene

Concen: 1.104 ug/L

RT: 6.18 min Scan# 1584

Delta R.T. 0.00 min

Lab File: VU031949.D

Acq: 12 May 2019 17:40

Instrument :

MSVOA_U

ClientSampleId :

F9D52

Tgt Ion: 95 Resp: 44289

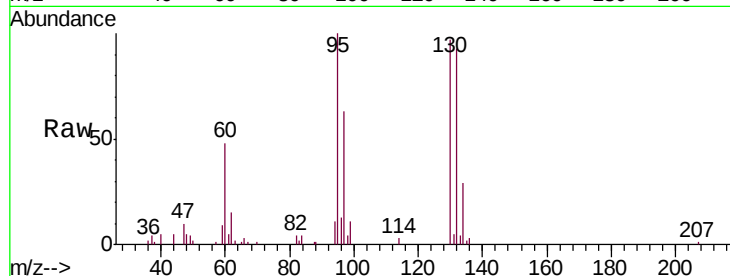
Ion Ratio Lower Upper

95 100

97 63.5 45.8 85.2

132 93.5 56.0 104.0

130 97.1 60.4 112.2

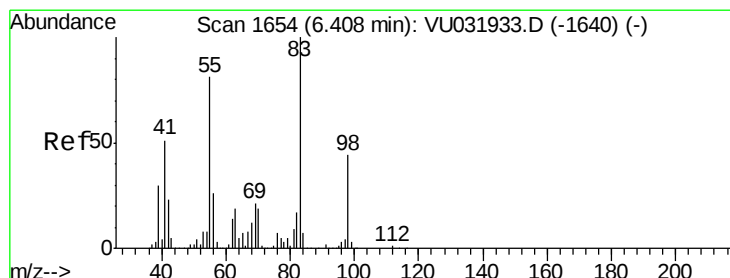
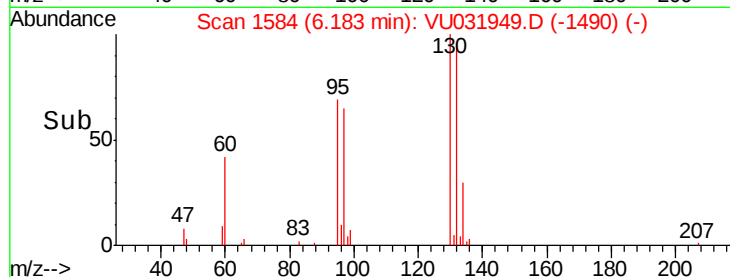
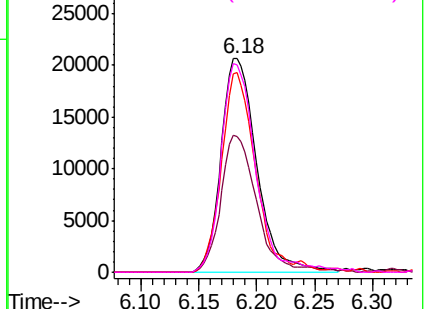


Abundance Ion 95.00 (94.70 to 95.70): VU0

Ion 96.95 (96.65 to 97.65): VU0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#35

Methylcyclohexane

Concen: 0.660 ug/L

RT: 6.33 min Scan# 1629

Delta R.T. -0.08 min

Lab File: VU031949.D

Acq: 12 May 2019 17:40

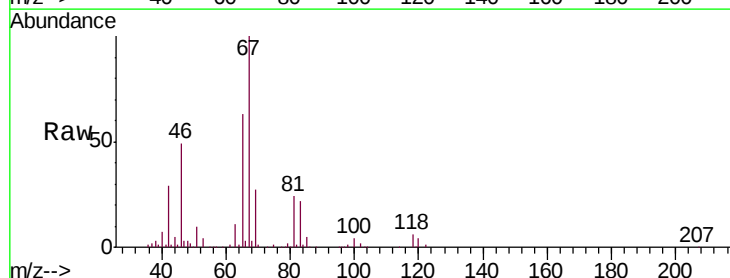
Tgt Ion: 83 Resp: 38046

Ion Ratio Lower Upper

83 100

55 0.3 79.2 118.8#

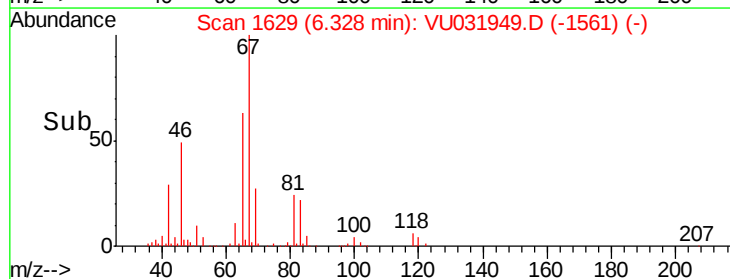
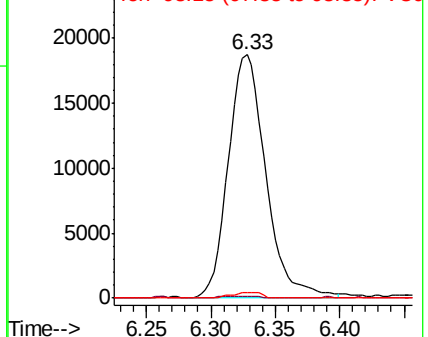
98 1.8 34.0 51.0#

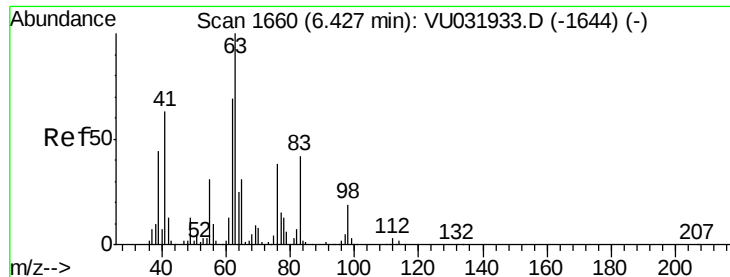


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

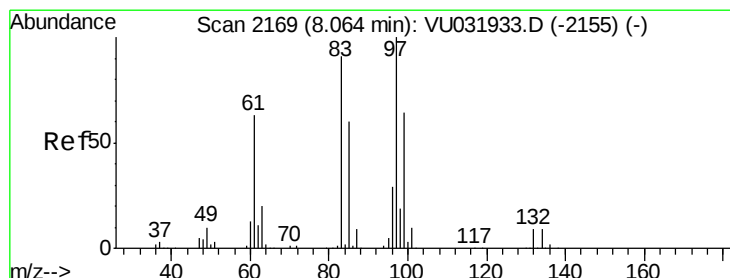
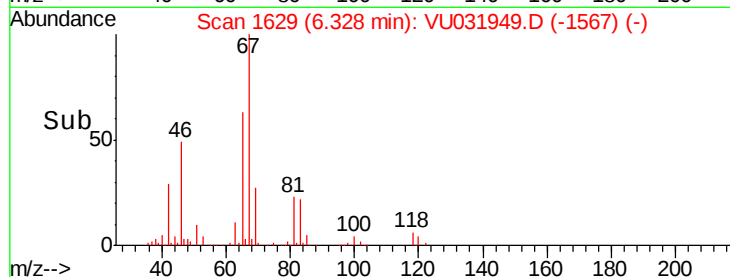
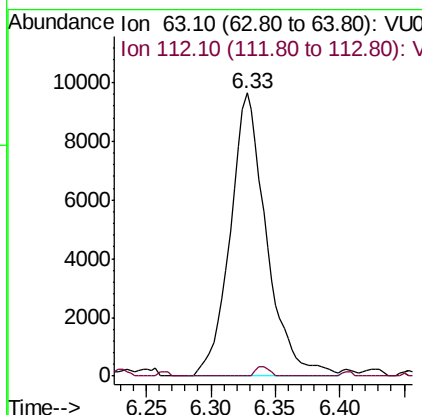
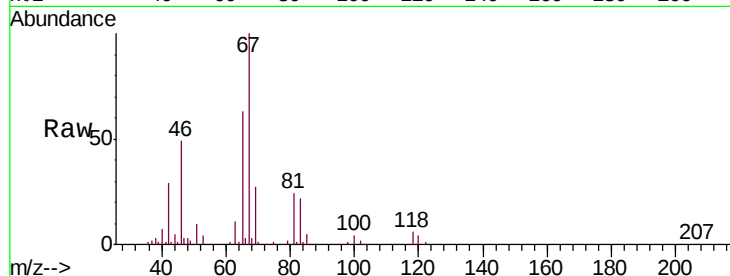




#37
 1,2-Dichloropropane
 Concen: 0.414 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU031949.D
 Acq: 12 May 2019 17:40

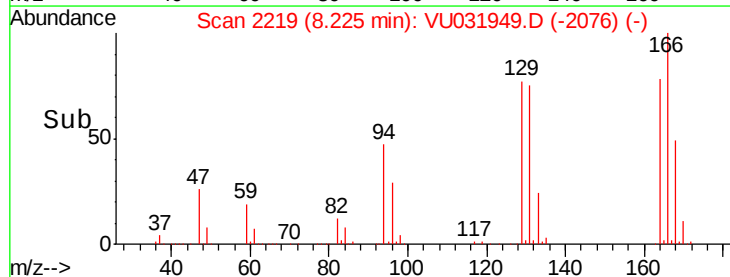
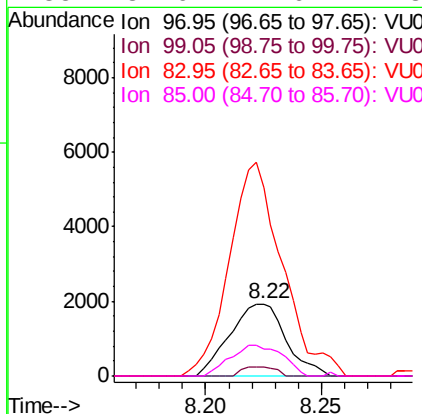
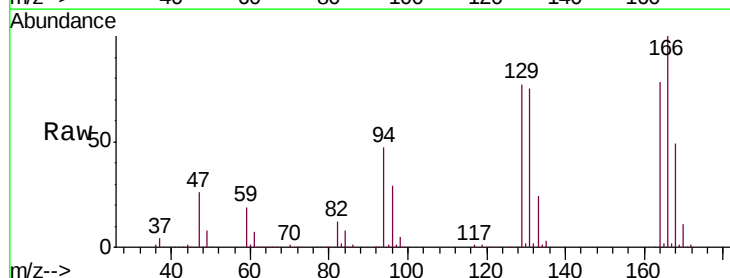
Instrument :
 MSVOA_U
 ClientSampled :
 F9D52

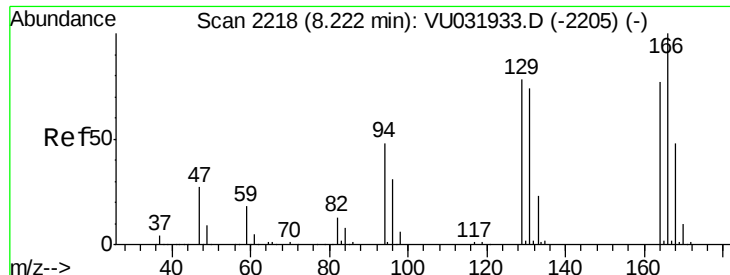
Tgt Ion: 63 Resp: 18855
 Ion Ratio Lower Upper
 63 100
 112 1.2 2.5 3.7#



#45
 1,1,2-Trichloroethane
 Concen: 0.120 ug/L
 RT: 8.22 min Scan# 2219
 Delta R.T. 0.16 min
 Lab File: VU031949.D
 Acq: 12 May 2019 17:40

Tgt Ion: 97 Resp: 3247
 Ion Ratio Lower Upper
 97 100
 99 12.7 45.8 85.0#
 83 262.3 64.5 119.7#
 85 37.6 41.6 77.3#

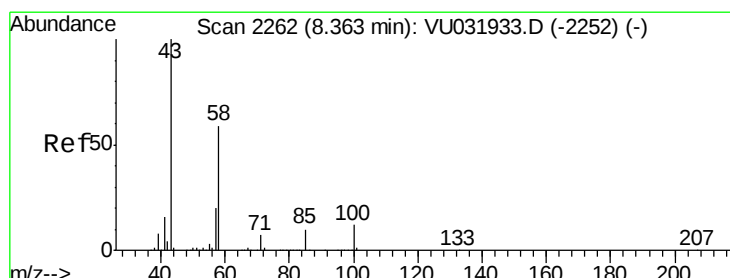
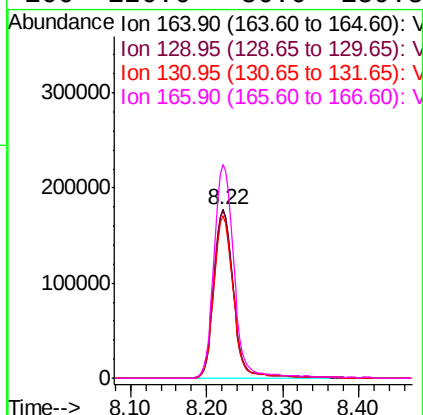
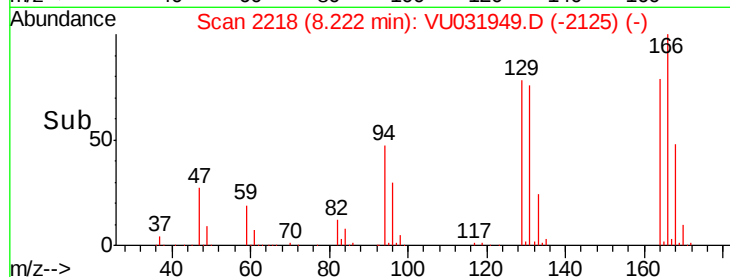
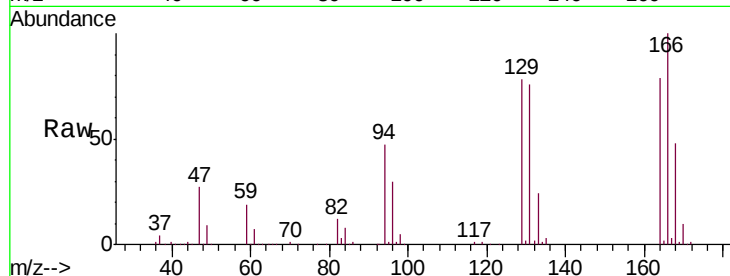




#47
Tetrachloroethene
Concen: 12.141 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU031949.D
Acq: 12 May 2019 17:40

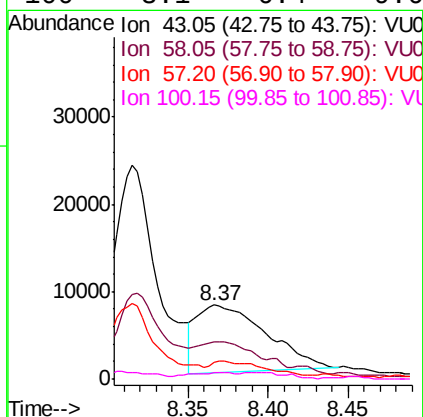
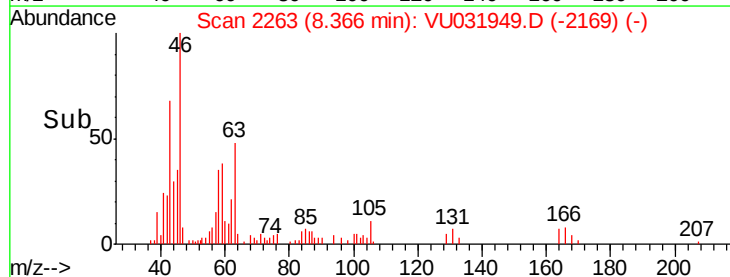
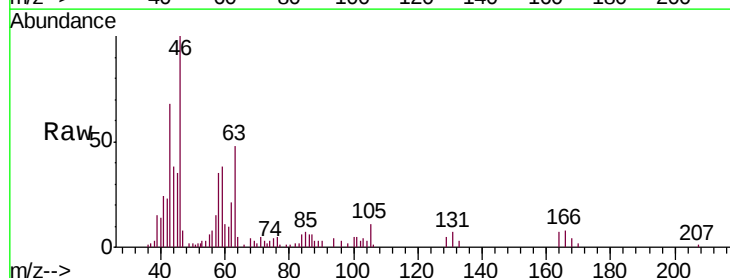
Instrument :
MSVOA_U
ClientSampleId :
F9D52

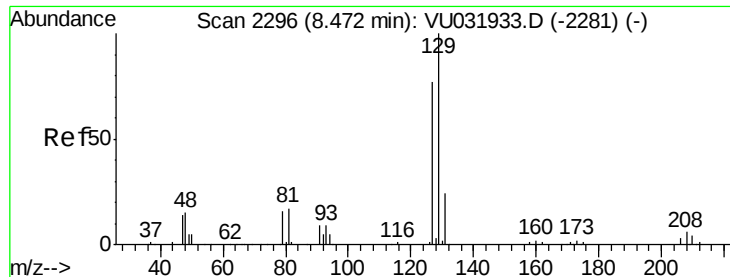
Tgt Ion:	164	Resp:	316700
Ion	Ratio	Lower	Upper
164	100		
129	99.1	70.3	130.5
131	96.6	65.4	121.4
166	126.6	86.0	159.8



#48
2-Hexanone
Concen: 1.071 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU031949.D
Acq: 12 May 2019 17:40

Tgt Ion:	43	Resp:	23333
Ion	Ratio	Lower	Upper
43	100		
58	31.1	40.2	60.2#
57	20.5	13.8	20.6
100	3.1	6.4	9.6#





#49

Dibromochloromethane

Concen: 10.028 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. -0.25 min

Lab File: VU031949.D

Acq: 12 May 2019 17:40

Instrument :

MSVOA_U

ClientSampled :

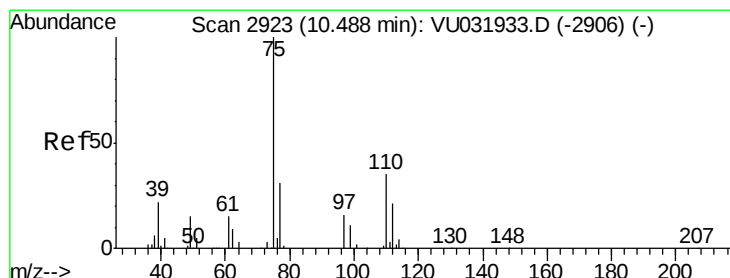
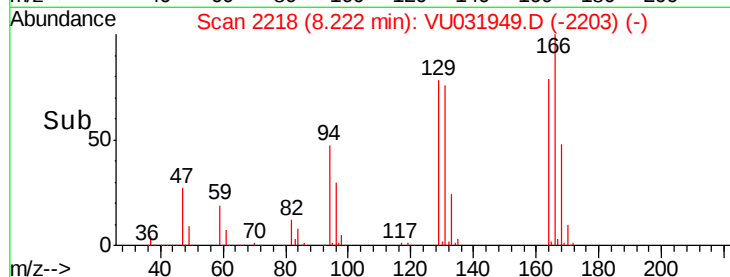
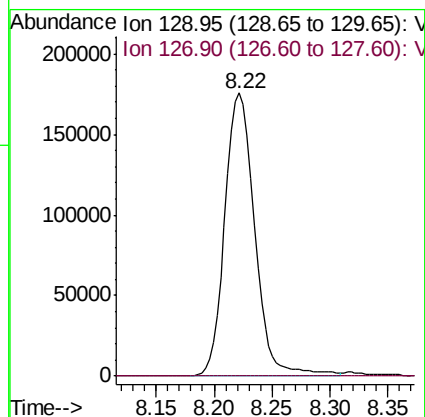
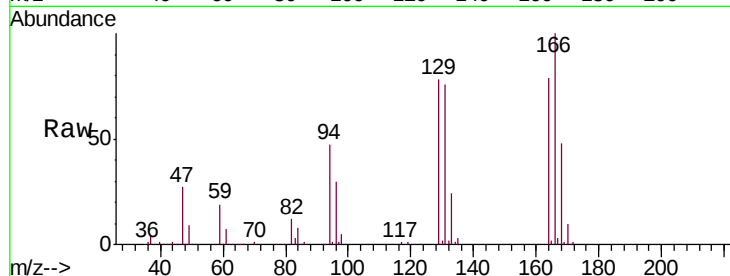
F9D52

Tgt Ion:129 Resp: 314679

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



#59

1,2,3-Trichloropropane

Concen: 0.789 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031949.D

Acq: 12 May 2019 17:40

Tgt Ion: 75 Resp: 21264

Ion Ratio Lower Upper

75 100

77 36.1 26.3 39.5

