

Data File : VU031970.D
Acq On : 13 May 2019 14:32
Operator : JC/SP
Sample : K2744-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9D14

Quant Time: May 14 02:42:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 14 02:38:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	501883	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	499096	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	189702	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	106994	3.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	62.60%
7) Chloroethane-d5	1.68	69	115352	4.09	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.80%
11) 1,1-Dichloroethene-d2	2.27	63	170335	2.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	46.20%#
20) 2-Butanone-d5	4.19	46	515671	38.61	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.22%
24) Chloroform-d	4.64	84	261136	3.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	74.40%
26) 1,2-Dichloroethane-d4	5.31	65	149834	3.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	70.40%
32) Benzene-d6	5.33	84	505520	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.20%
36) 1,2-Dichloropropane-d6	6.33	67	181846	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	77.60%
41) Toluene-d8	7.56	98	366193	3.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	67.00%#
43) trans-1,3-Dichloropropene-	7.85	79	46472	2.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	56.40%
46) 2-Hexanone-d5	8.31	63	379836	45.62	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.24%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	162244	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.86	152	144927	4.62	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.40%

Target Compounds

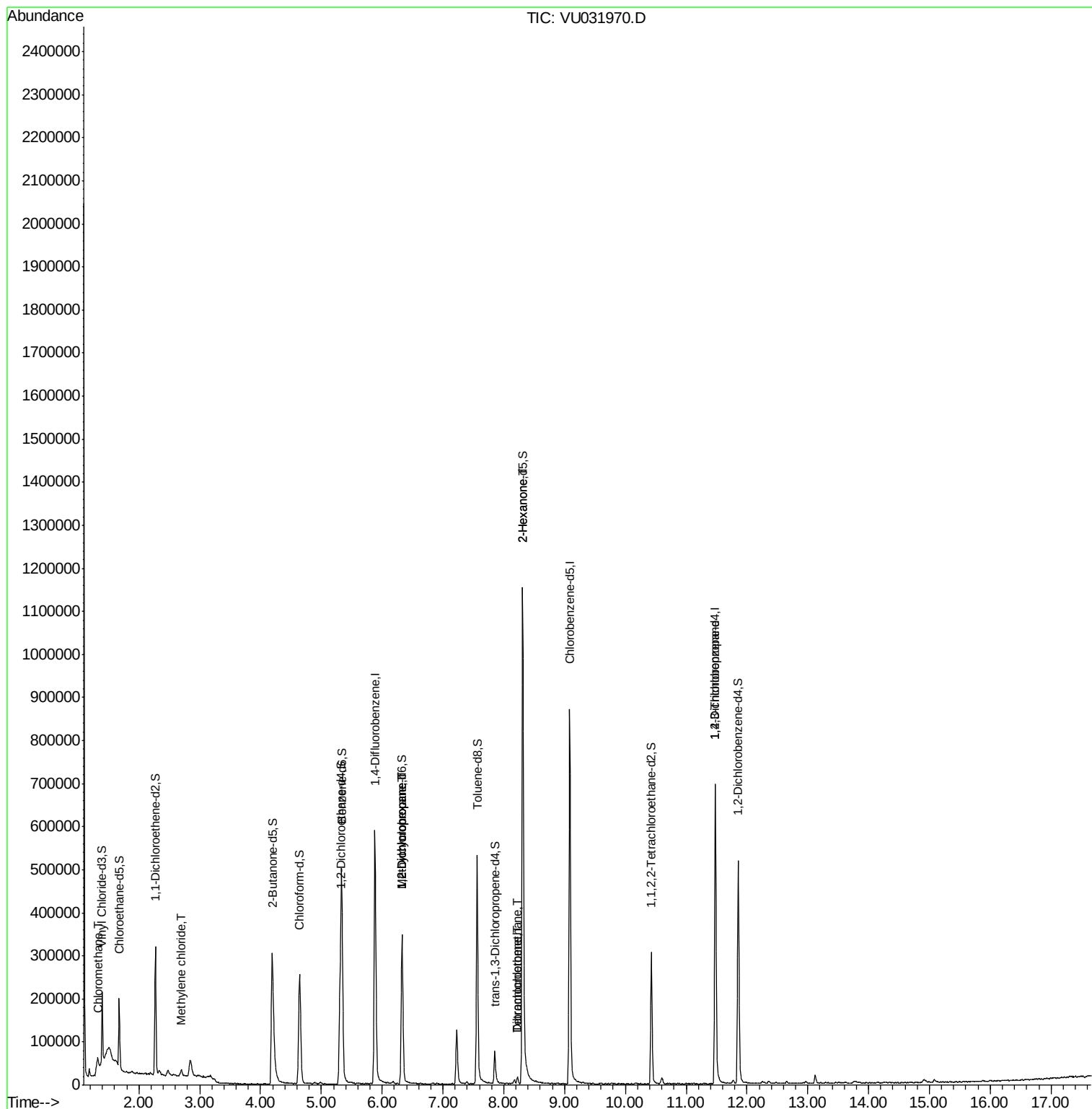
						Qvalue
3) Chloromethane	1.32	50	9262	0.134	ug/L	92
16) Methylene chloride	2.70	84	6622	0.140	ug/L	79
35) Methylcyclohexane	6.33	83	39808	0.632	ug/L #	11
37) 1,2-Dichloropropane	6.32	63	20242	0.406	ug/L #	91
47) Tetrachloroethene	8.23	164	3630	0.127	ug/L	87
48) 2-Hexanone	8.31	43	45271	1.900	ug/L #	84
49) Dibromochloromethane	8.22	129	3040	0.089	ug/L #	10
59) 1,2,3-Trichloropropane	11.48	75	24628	0.835	ug/L	92

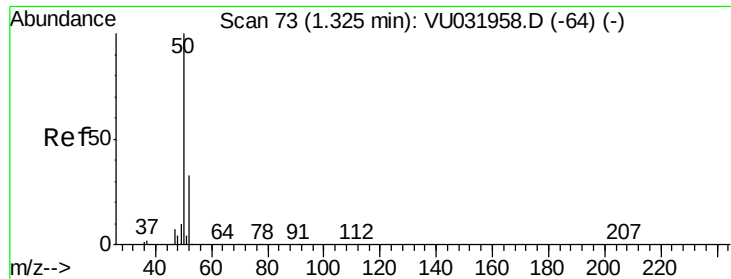
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.134 ug/L

RT: 1.32 min Scan# 73

Delta R.T. -0.00 min

Lab File: VU031970.D

Acq: 13 May 2019 14:32

Instrument :

MSVOA_U

ClientSampleId :

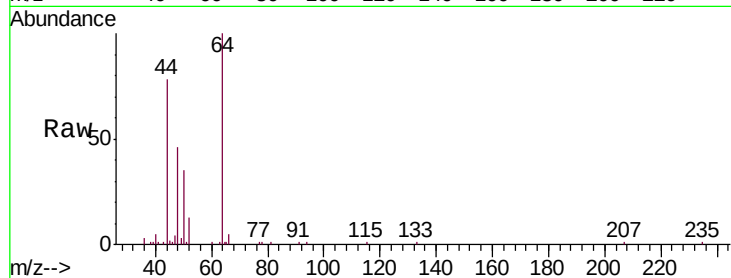
F9D14

Tgt Ion: 50 Resp: 9262

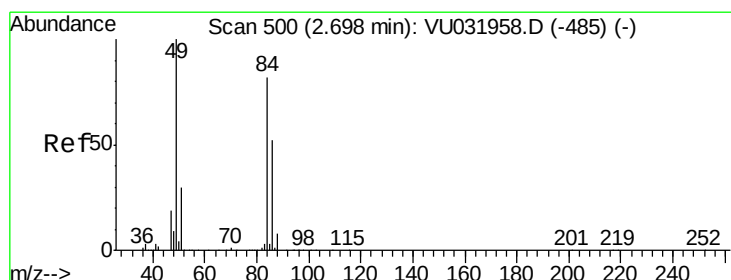
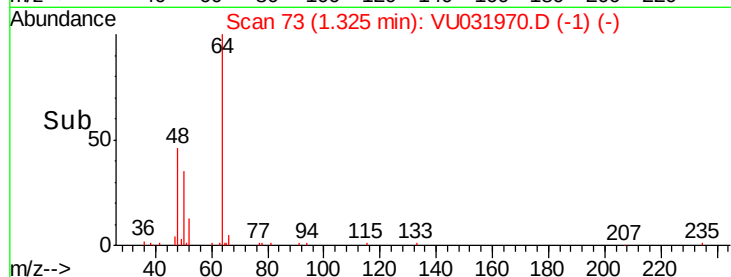
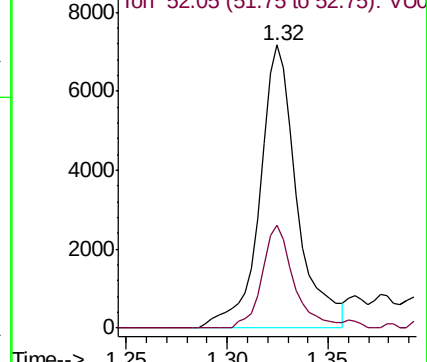
Ion Ratio Lower Upper

50 100

52 36.6 22.5 41.7



Abundance Ion 50.05 (49.75 to 50.75): VU031970.D (-1) (-)



#16

Methylene chloride

Concen: 0.140 ug/L

RT: 2.70 min Scan# 500

Delta R.T. -0.00 min

Lab File: VU031970.D

Acq: 13 May 2019 14:32

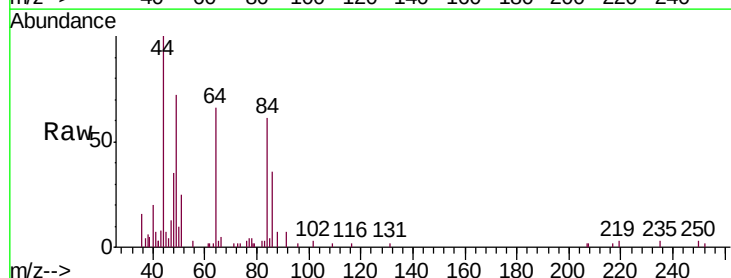
Tgt Ion: 84 Resp: 6622

Ion Ratio Lower Upper

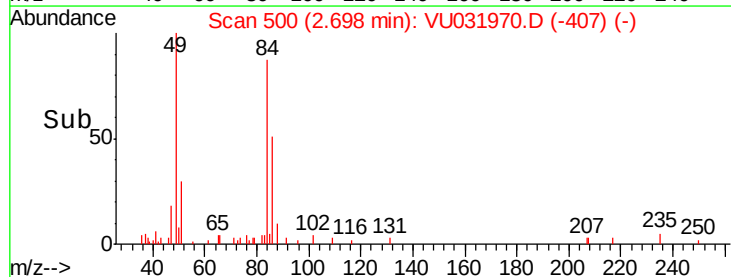
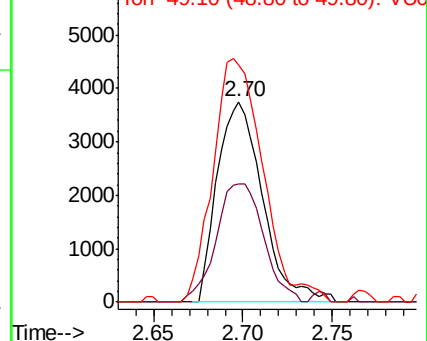
84 100

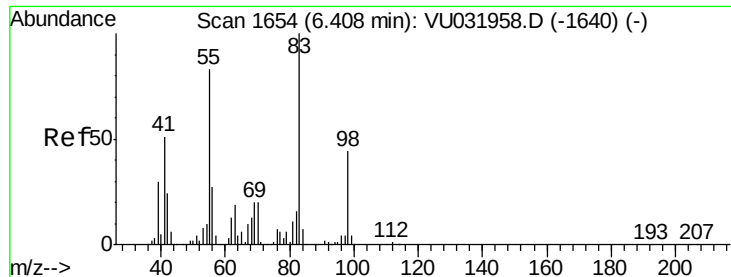
86 59.2 45.6 84.8

49 118.5 106.7 198.1



Abundance Ion 84.05 (83.75 to 84.75): VU031970.D (-407) (-)

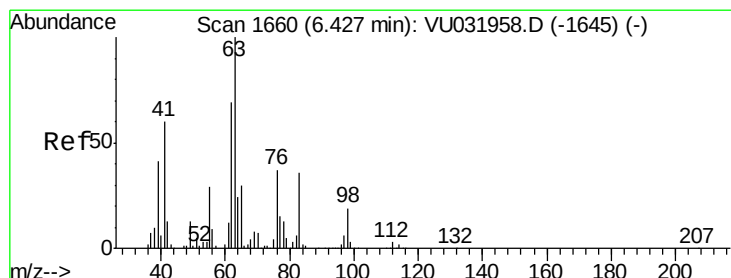
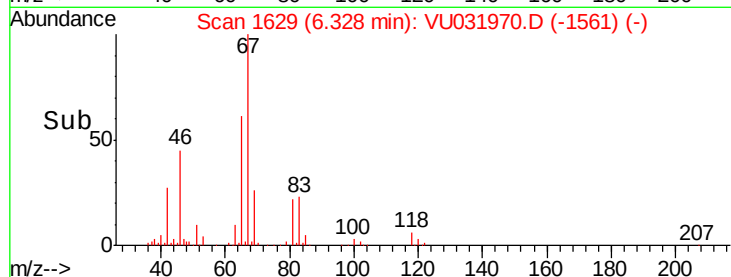
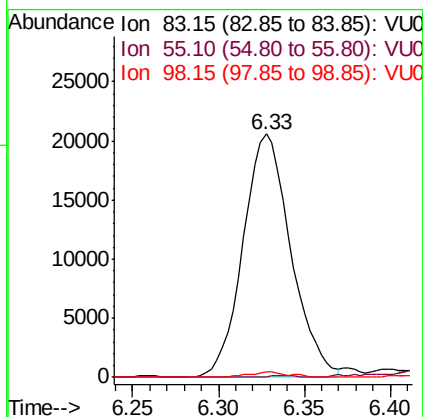
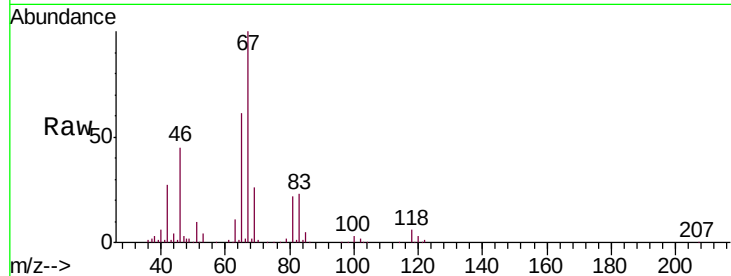




#35
Methylcyclohexane
Concen: 0.632 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU031970.D
Acq: 13 May 2019 14:32

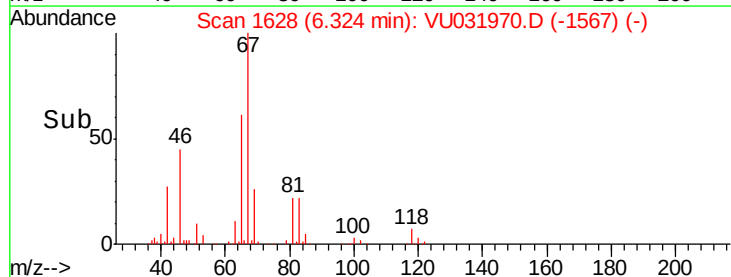
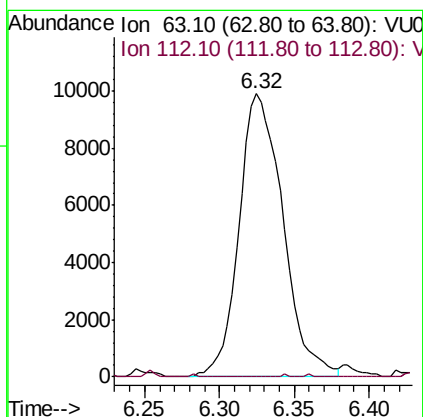
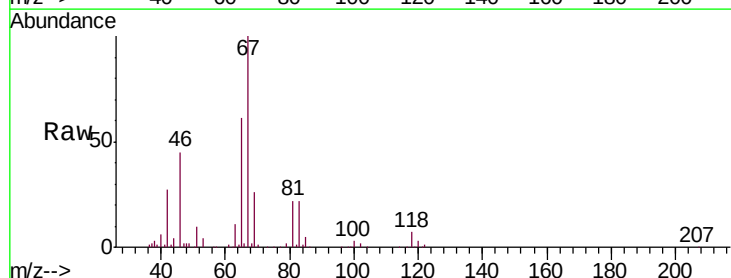
Instrument :
MSVOA_U
ClientSampleId :
F9D14

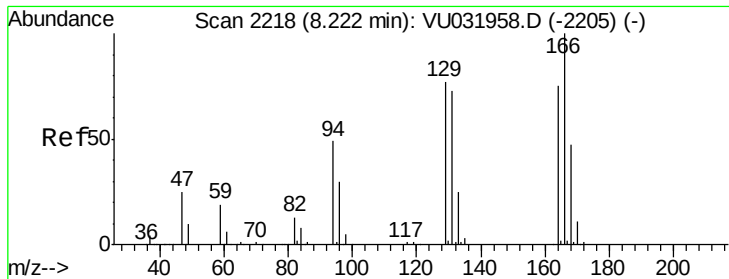
Tgt Ion: 83 Resp: 39808
Ion Ratio Lower Upper
83 100
55 0.3 79.2 118.8#
98 1.5 34.0 51.0#



#37
1,2-Dichloropropane
Concen: 0.406 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU031970.D
Acq: 13 May 2019 14:32

Tgt Ion: 63 Resp: 20242
Ion Ratio Lower Upper
63 100
112 0.1 2.5 3.7#

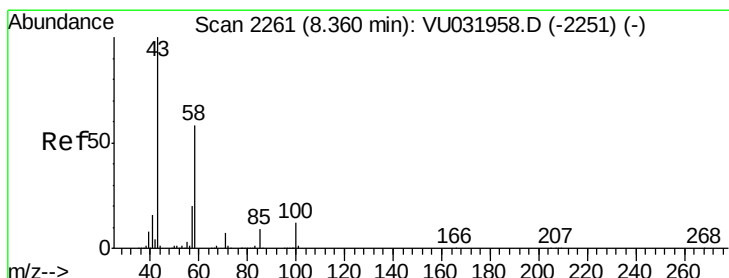
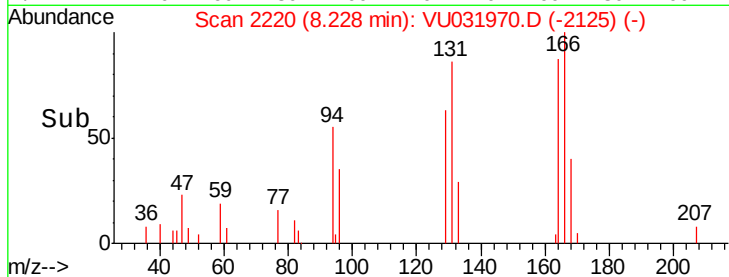
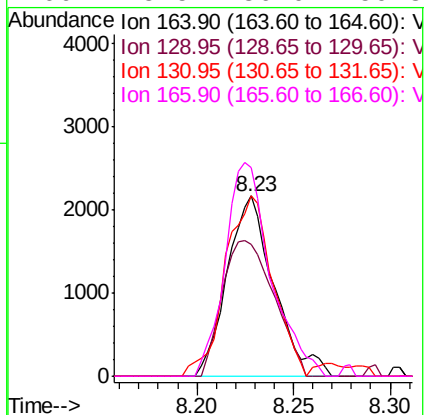
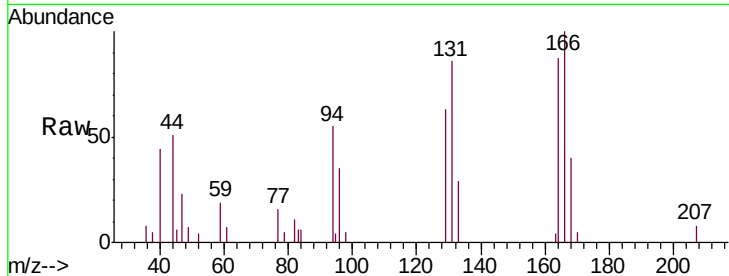




#47
Tetrachloroethene
Concen: 0.127 ug/L
RT: 8.23 min Scan# 2220
Delta R.T. 0.01 min
Lab File: VU031970.D
Acq: 13 May 2019 14:32

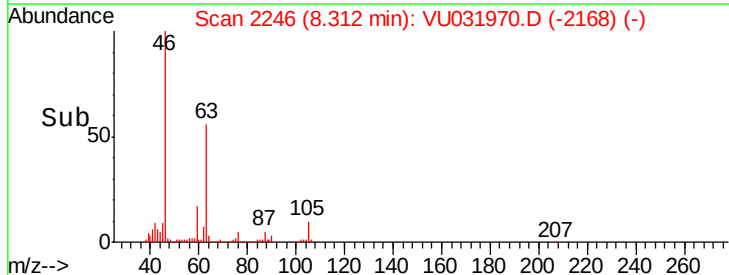
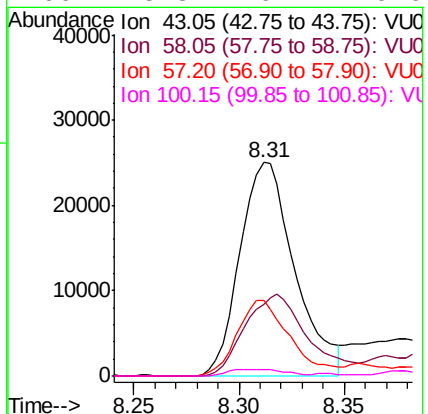
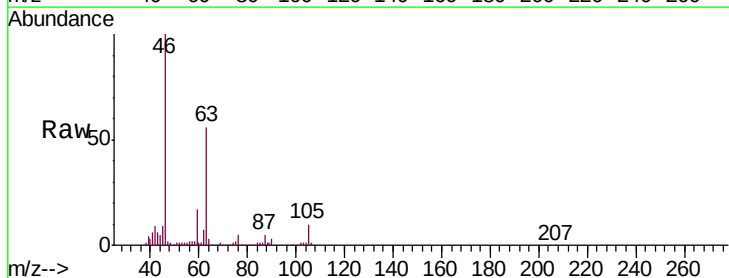
Instrument :
MSVOA_U
ClientSampleId :
F9D14

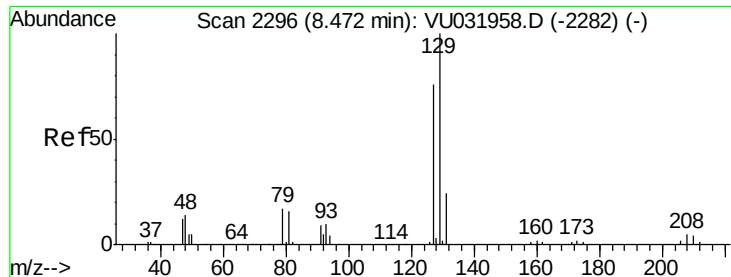
Tgt Ion:	164	Resp:	3630
Ion	Ratio	Lower	Upper
164	100		
129	73.2	70.3	130.5
131	99.9	65.4	121.4
166	115.5	86.0	159.8



#48
2-Hexanone
Concen: 1.900 ug/L
RT: 8.31 min Scan# 2246
Delta R.T. -0.05 min
Lab File: VU031970.D
Acq: 13 May 2019 14:32

Tgt Ion:	43	Resp:	45271
Ion	Ratio	Lower	Upper
43	100		
58	43.9	40.2	60.2
57	34.1	13.8	20.6#
100	3.3	6.4	9.6#





#49

Dibromochloromethane

Concen: 0.089 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU031970.D

Acq: 13 May 2019 14:32

Instrument :

MSVOA_U

ClientSampleId :

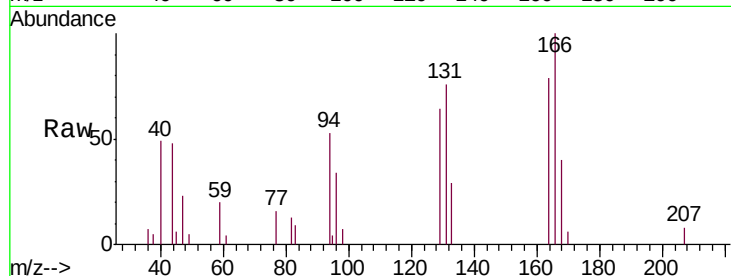
F9D14

Tgt Ion:129 Resp: 3040

Ion Ratio Lower Upper

129 100

127 0.0 54.7 101.7#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V

8.22

1500

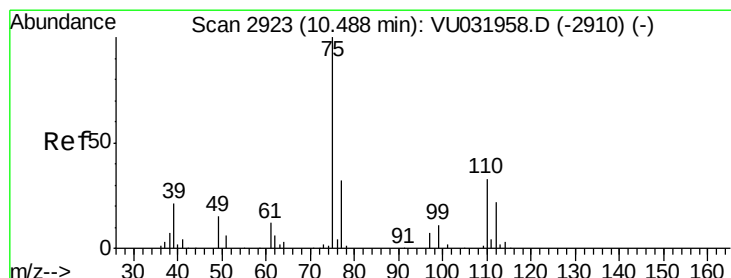
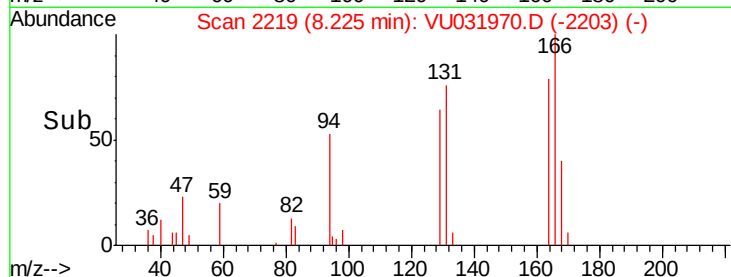
1000

500

0

8.20 8.25

Time-->



#59

1,2,3-Trichloropropane

Concen: 0.835 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU031970.D

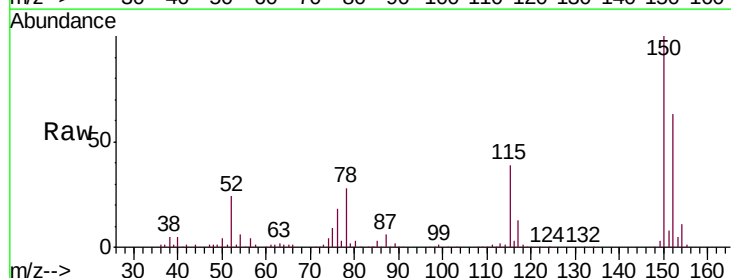
Acq: 13 May 2019 14:32

Tgt Ion: 75 Resp: 24628

Ion Ratio Lower Upper

75 100

77 37.3 26.3 39.5



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

11.48

15000

10000

5000

0

11.40 11.45 11.50 11.55

Time-->

