

Data File : VU034935.D
Acq On : 04 Oct 2019 15:12
Operator : JC/SP
Sample : K5196-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0K03

Quant Time: Oct 05 00:33:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	207424	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	204396	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	89566	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	75203	5.12	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.40%
7) Chloroethane-d5	1.67	69	63296	5.28	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.60%
11) 1,1-Dichloroethene-d2	2.26	63	103380	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.00%
20) 2-Butanone-d5	4.17	46	189426	45.31	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.62%
24) Chloroform-d	4.62	84	128613	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.29	65	72542	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.00%
32) Benzene-d6	5.31	84	265432	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.31	67	88829	5.28	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.60%
41) Toluene-d8	7.54	98	242612	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.83	79	29158	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.30	63	148048	48.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.88%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	69668	5.19	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.80%
64) 1,2-Dichlorobenzene-d4	11.84	152	85393	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

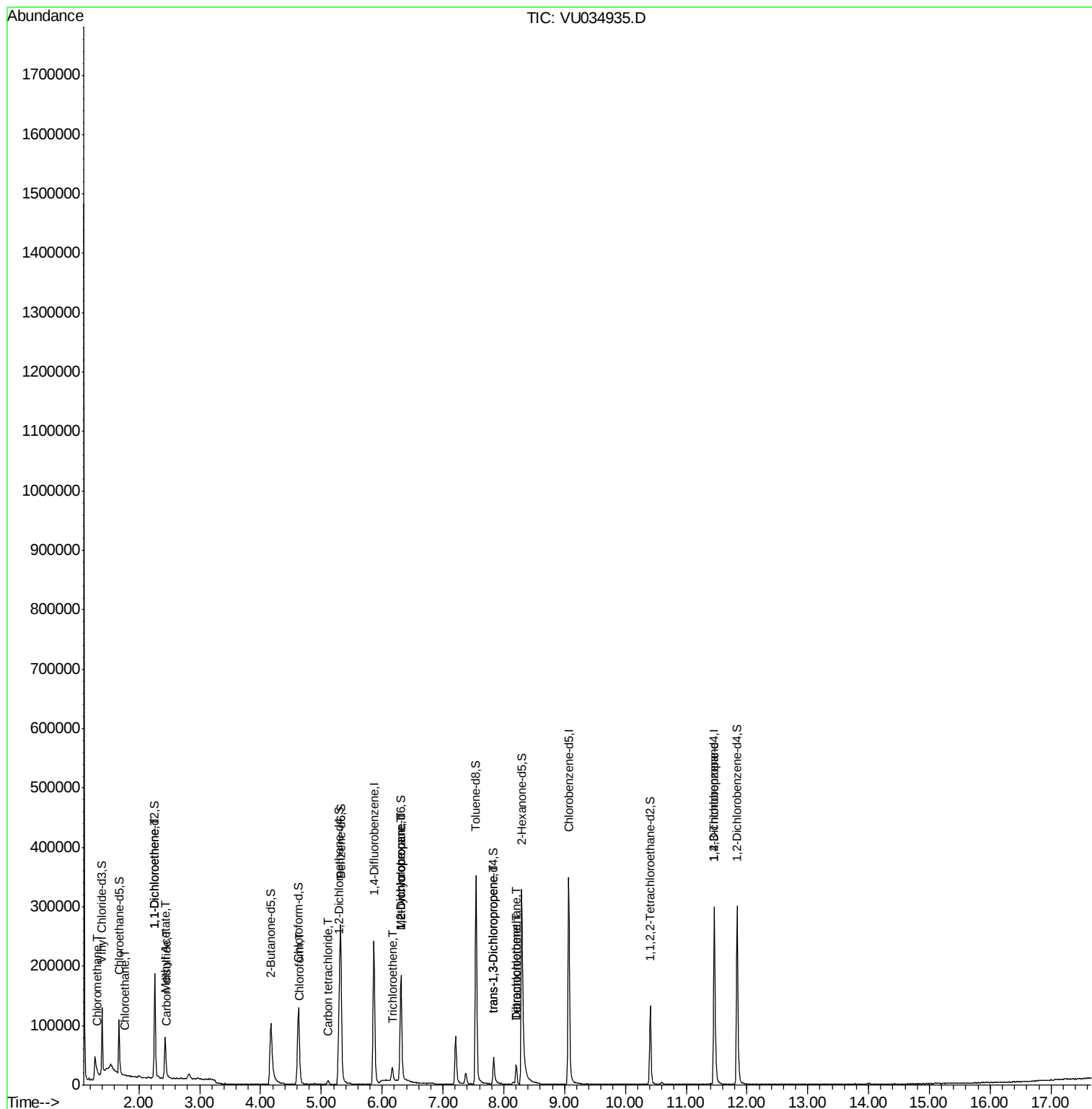
					Qvalue
3) Chloromethane	1.32	50	1739	0.174 ug/L	93
8) Chloroethane	1.77	64	875	0.142 ug/L #	53
12) 1,1-Dichloroethene	2.27	96	1634	0.235 ug/L #	1
14) Carbon disulfide	2.47	76	1302	0.112 ug/L #	17
15) Methyl Acetate	2.43	43	18486	2.878 ug/L #	57
25) Chloroform	4.65	83	3537	0.133 ug/L	93
31) Carbon tetrachloride	5.11	117	4756	0.327 ug/L	92
34) Trichloroethene	6.17	95	7700	0.709 ug/L	92
35) Methylcyclohexane	6.31	83	19790	1.459 ug/L #	16
37) 1,2-Dichloropropane	6.31	63	9721	0.693 ug/L #	90
44) trans-1,3-Dichloropropene	7.84	75	1419	0.094 ug/L #	73
47) Tetrachloroethene	8.21	164	6964	0.968 ug/L	95
49) Dibromochloromethane	8.21	129	6990	0.625 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	11943	1.191 ug/L	95

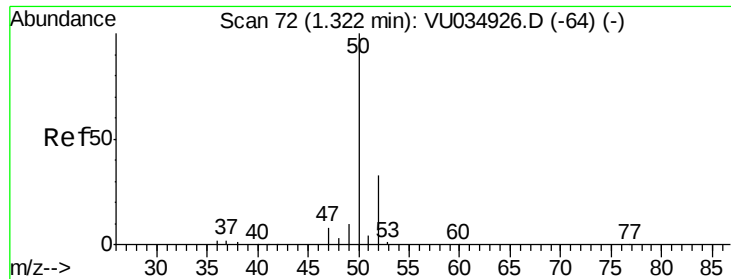
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU034935.D
Acq On : 04 Oct 2019 15:12
Operator : JC/SP
Sample : K5196-04
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0K03

Quant Time: Oct 05 00:33:55 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR093019WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 05 00:29:19 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.174 ug/L

RT: 1.32 min Scan# 73

Delta R.T. 0.00 min

Lab File: VU034935.D

Acq: 04 Oct 2019 15:12

Instrument :

MSVOA_U

ClientSampleId :

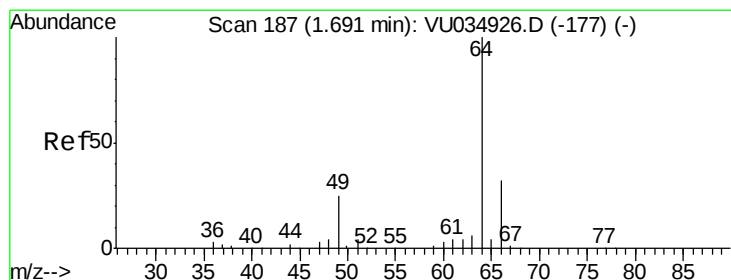
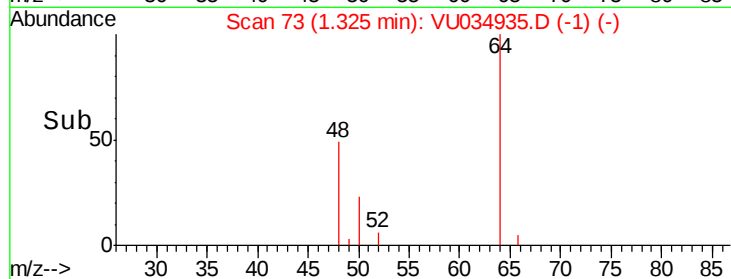
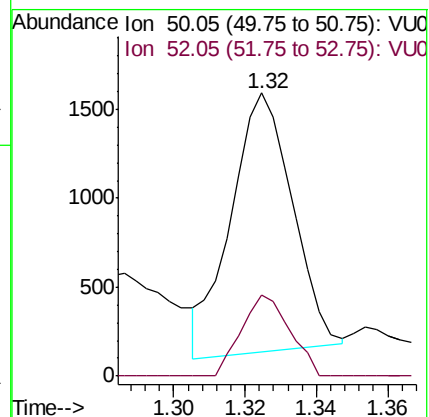
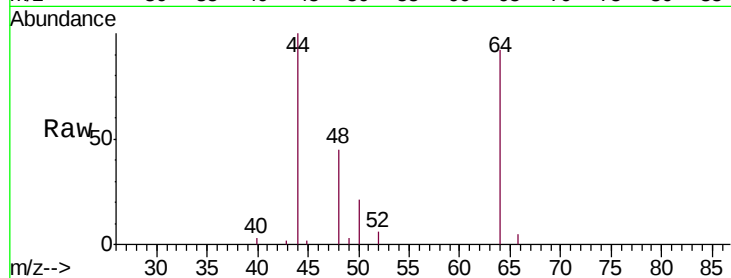
C0K03

Tgt Ion: 50 Resp: 1739

Ion Ratio Lower Upper

50 100

52 28.5 22.7 42.1



#8

Chloroethane

Concen: 0.142 ug/L

RT: 1.77 min Scan# 212

Delta R.T. 0.08 min

Lab File: VU034935.D

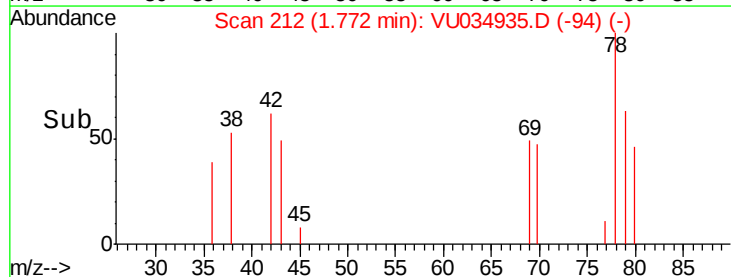
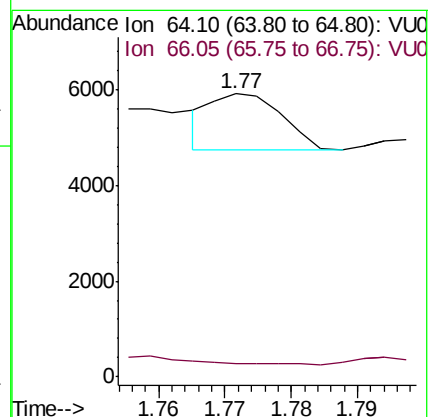
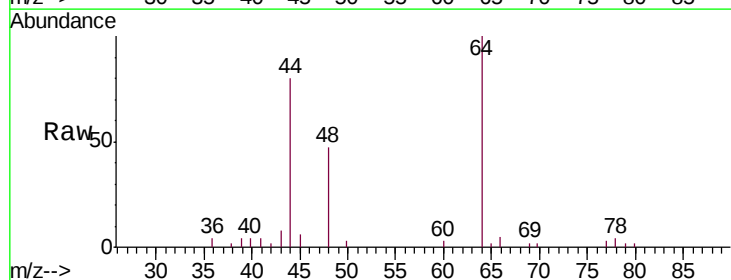
Acq: 04 Oct 2019 15:12

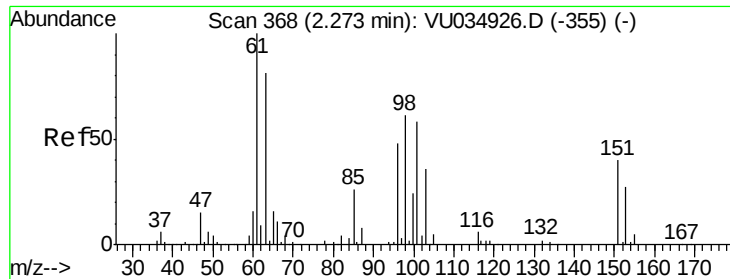
Tgt Ion: 64 Resp: 875

Ion Ratio Lower Upper

64 100

66 4.7 20.9 38.9#





#12

1,1-Dichloroethene

Concen: 0.235 ug/L

RT: 2.27 min Scan# 367

Delta R.T. -0.00 min

Lab File: VU034935.D

Acq: 04 Oct 2019 15:12

Instrument :

MSVOA_U

ClientSampleId :

C0K03

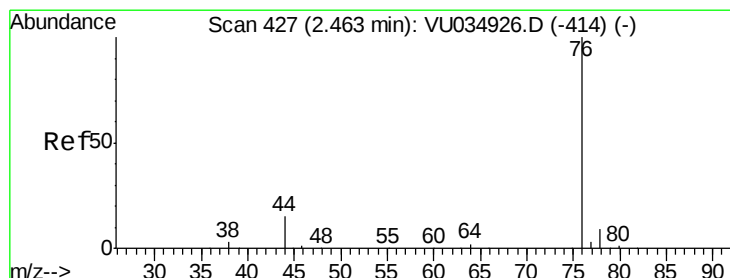
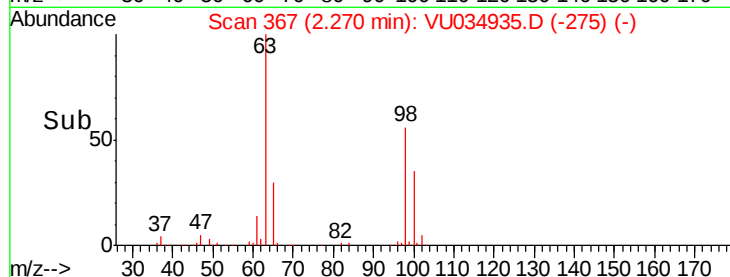
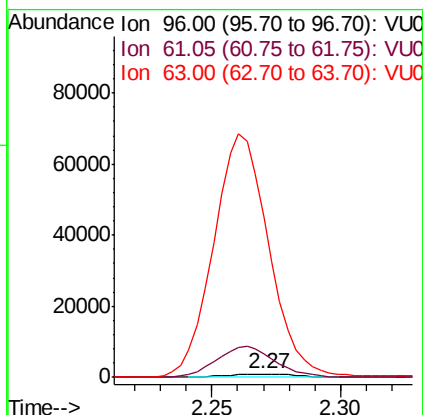
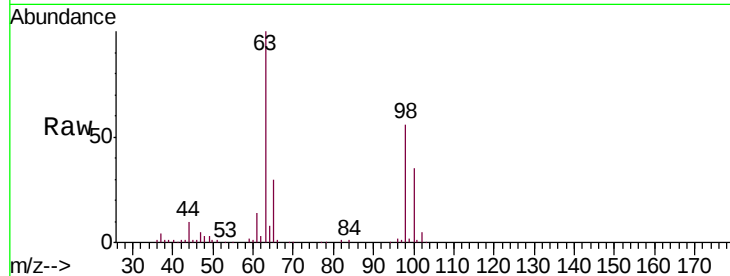
Tgt Ion: 96 Resp: 1634

Ion Ratio Lower Upper

96 100

61 727.5 160.5 298.1#

63 5022.5 162.3 301.5#



#14

Carbon disulfide

Concen: 0.112 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VU034935.D

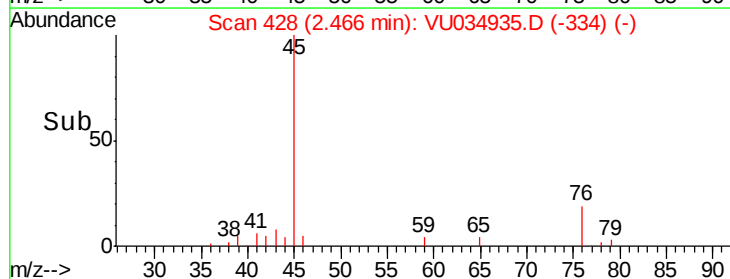
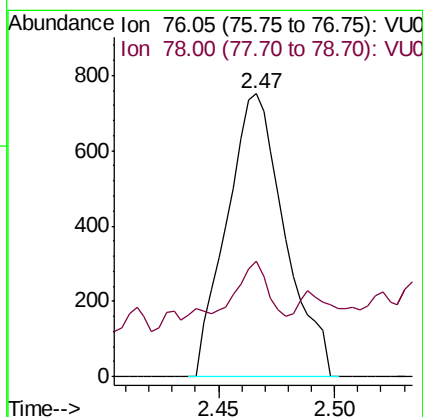
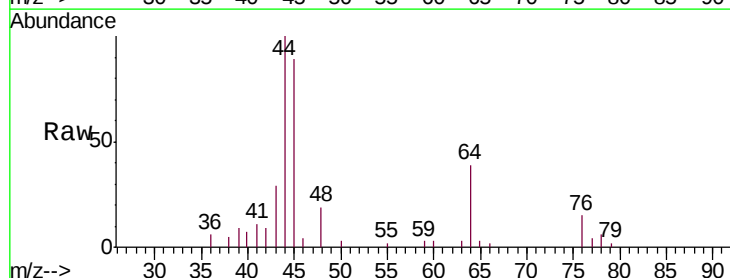
Acq: 04 Oct 2019 15:12

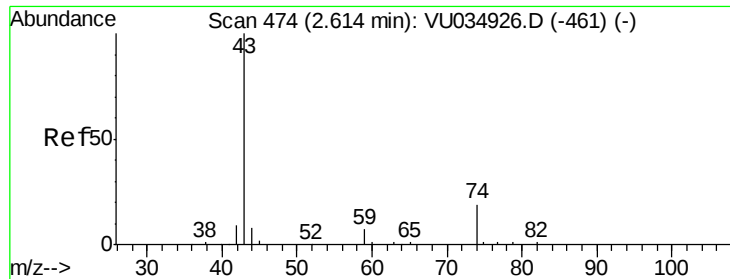
Tgt Ion: 76 Resp: 1302

Ion Ratio Lower Upper

76 100

78 40.7 7.9 11.9#

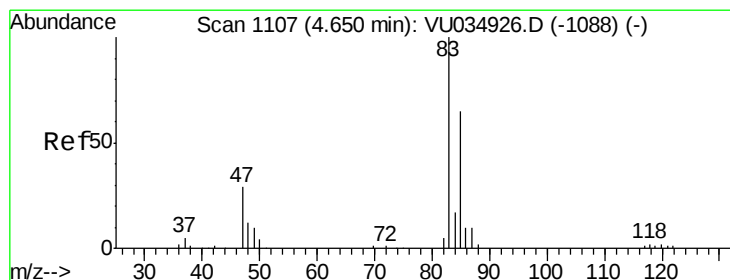
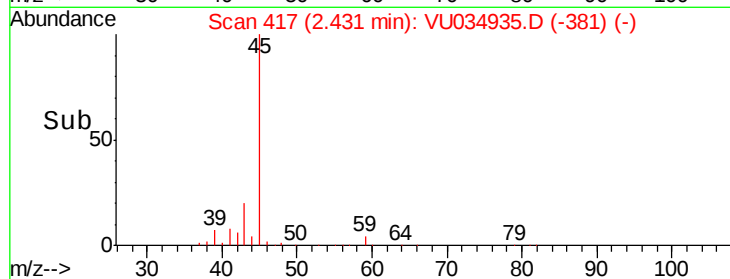
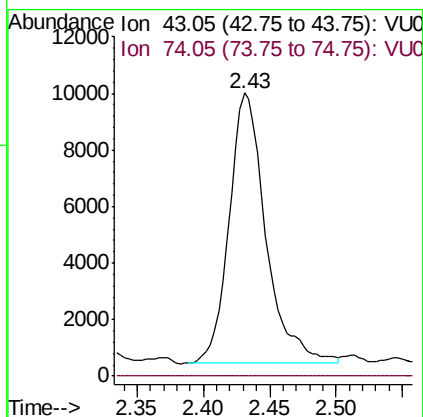
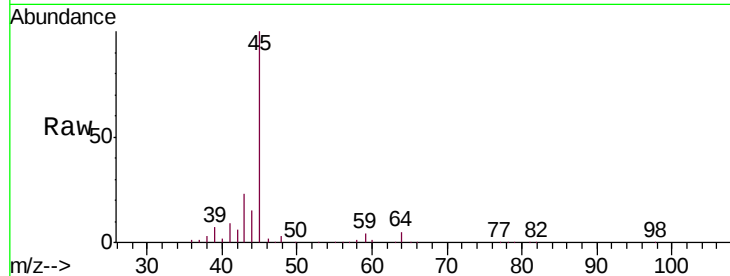




#15
Methyl Acetate
Concen: 2.878 ug/L
RT: 2.43 min Scan# 417
Delta R.T. -0.18 min
Lab File: VU034935.D
Acq: 04 Oct 2019 15:12

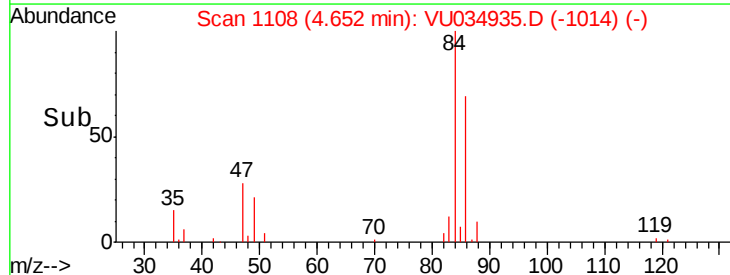
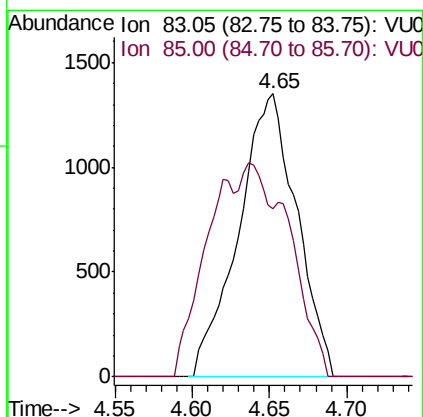
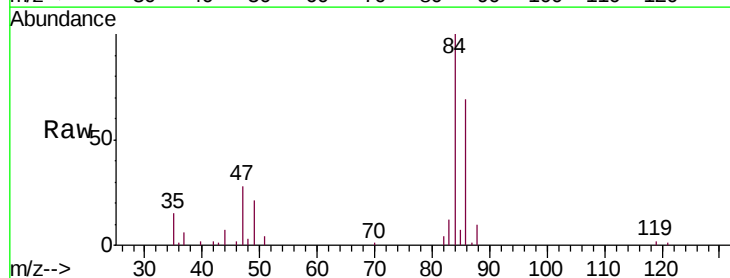
Instrument :
MSVOA_U
ClientSampleId :
C0K03

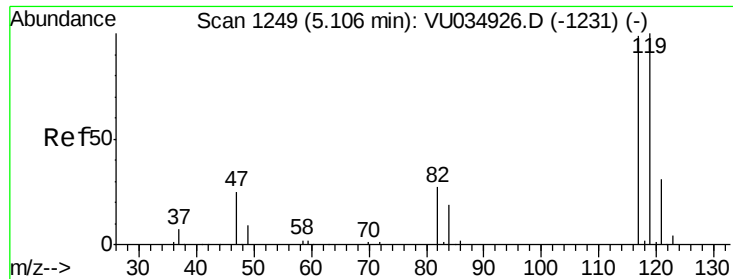
Tgt Ion: 43 Resp: 18486
Ion Ratio Lower Upper
43 100
74 0.0 15.5 23.3#



#25
Chloroform
Concen: 0.133 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU034935.D
Acq: 04 Oct 2019 15:12

Tgt Ion: 83 Resp: 3537
Ion Ratio Lower Upper
83 100
85 59.4 45.2 84.0

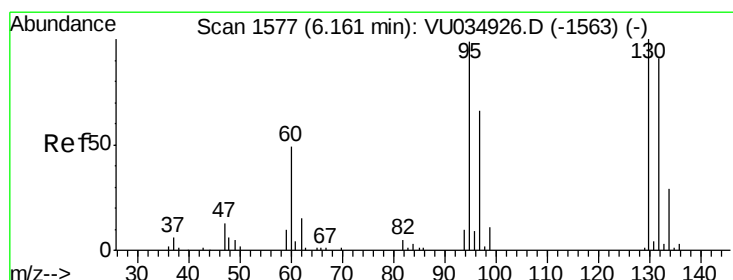
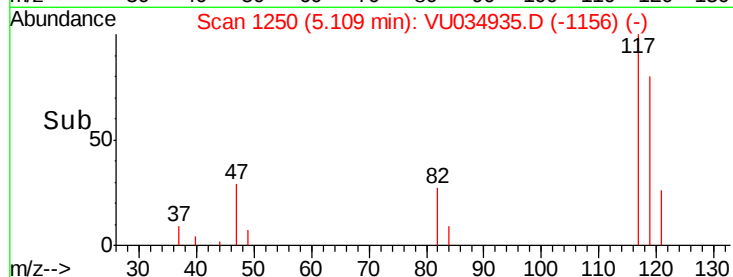
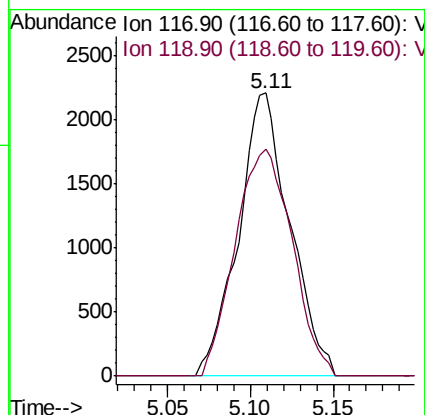
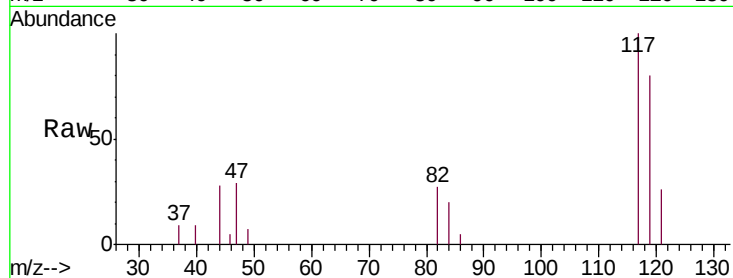




#31
Carbon tetrachloride
Concen: 0.327 ug/L
RT: 5.11 min Scan# 1250
Delta R.T. 0.00 min
Lab File: VU034935.D
Acq: 04 Oct 2019 15:12

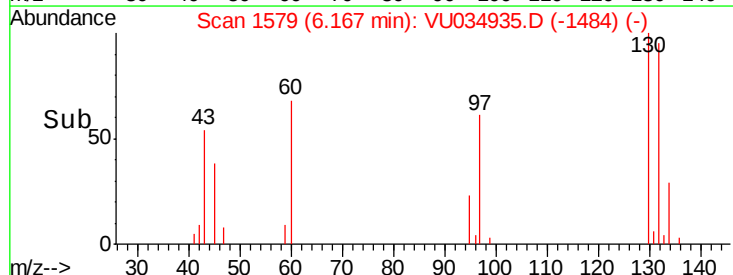
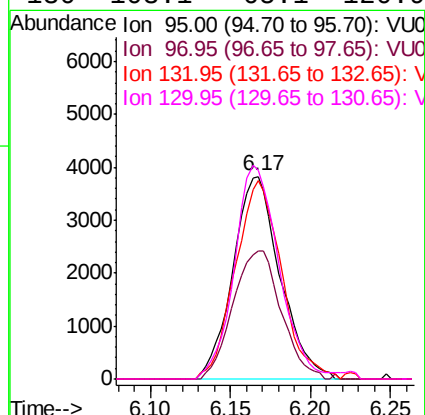
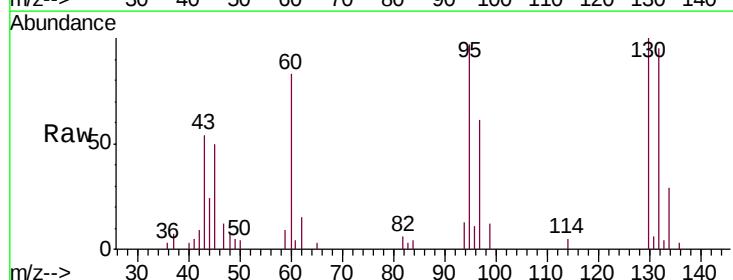
Instrument :
MSVOA_U
ClientSampleId :
C0K03

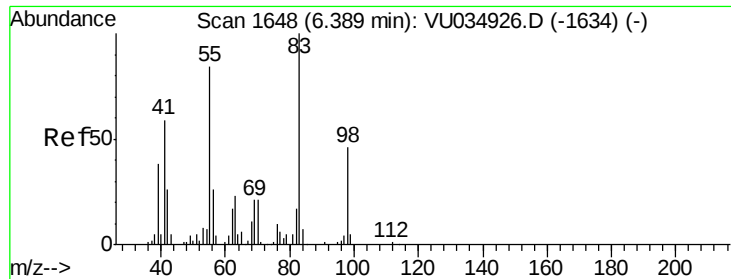
Tgt Ion: 117 Resp: 4756
Ion Ratio Lower Upper
117 100
119 89.1 77.8 116.8



#34
Trichloroethene
Concen: 0.709 ug/L
RT: 6.17 min Scan# 1579
Delta R.T. 0.01 min
Lab File: VU034935.D
Acq: 04 Oct 2019 15:12

Tgt Ion: 95 Resp: 7700
Ion Ratio Lower Upper
95 100
97 63.2 45.1 83.7
132 98.1 61.2 113.8
130 103.1 65.1 120.9





#35

Methylcyclohexane

Concen: 1.459 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034935.D

Acq: 04 Oct 2019 15:12

Instrument :

MSVOA_U

ClientSampleId :

C0K03

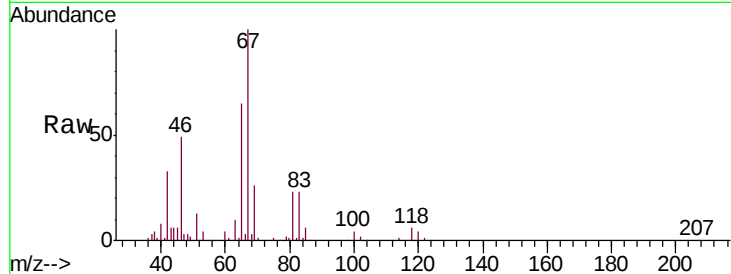
Tgt Ion: 83 Resp: 19790

Ion Ratio Lower Upper

83 100

55 0.7 68.9 103.3#

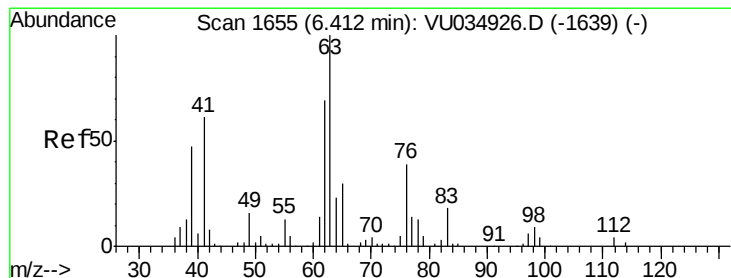
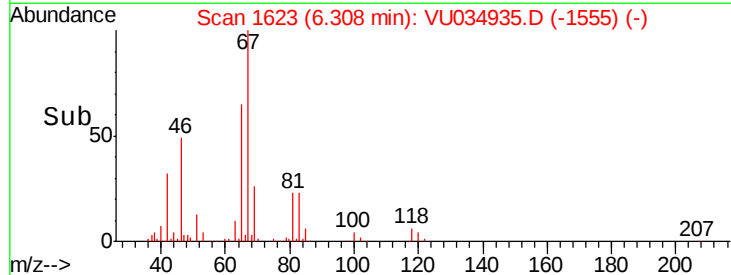
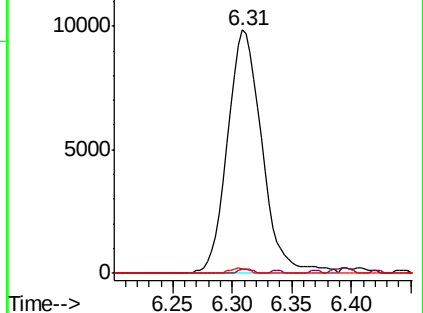
98 1.1 36.6 54.8#



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: 0.693 ug/L

RT: 6.31 min Scan# 1622

Delta R.T. -0.11 min

Lab File: VU034935.D

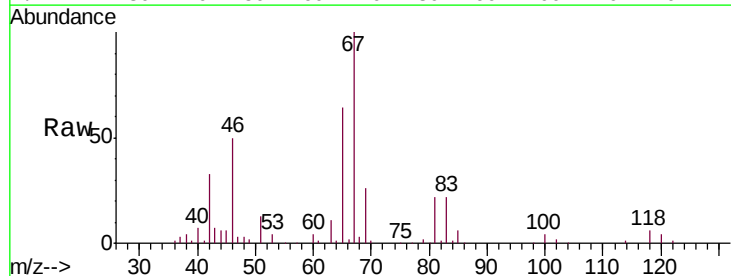
Acq: 04 Oct 2019 15:12

Tgt Ion: 63 Resp: 9721

Ion Ratio Lower Upper

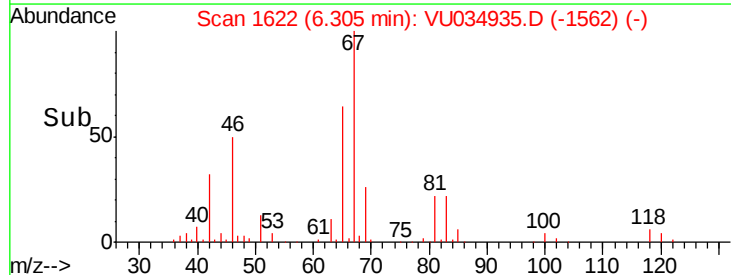
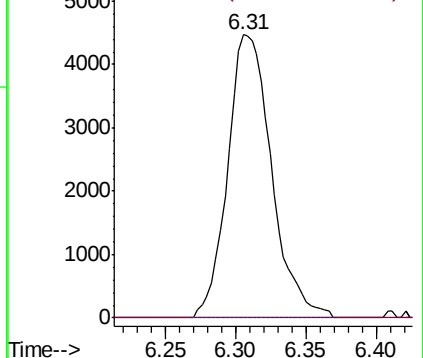
63 100

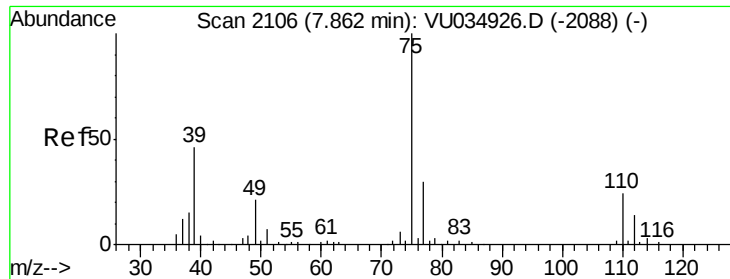
112 0.0 2.6 4.0#



Abundance Ion 63.10 (62.80 to 63.80): VU0

Ion 112.10 (111.80 to 112.80): V





#44

trans-1,3-Dichloropropene

Concen: 0.094 ug/L

RT: 7.84 min Scan# 2098

Delta R.T. -0.03 min

Lab File: VU034935.D

Acq: 04 Oct 2019 15:12

Instrument :

MSVOA_U

ClientSampleId :

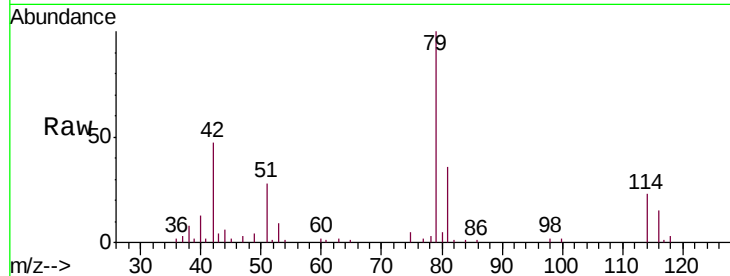
C0K03

Tgt Ion: 75 Resp: 1419

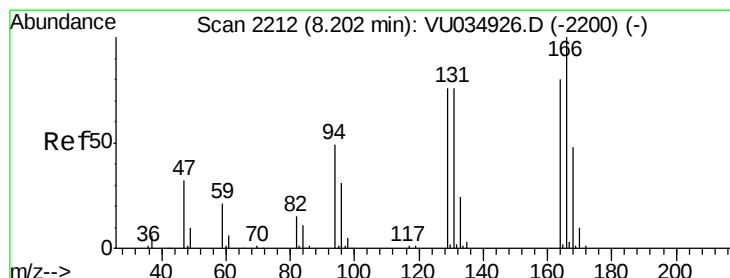
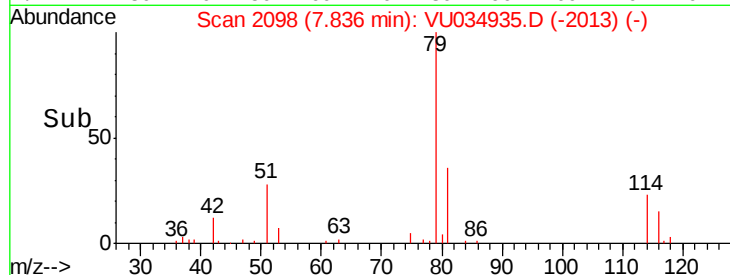
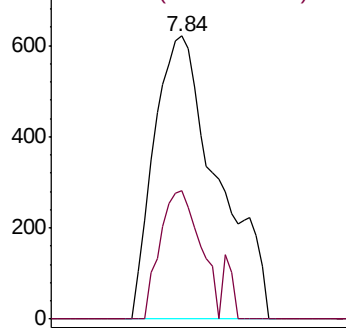
Ion Ratio Lower Upper

75 100

77 45.2 21.2 39.4#



Abundance Ion 75.05 (74.75 to 75.75): VU034926.D (-2088) (-)



#47

Tetrachloroethene

Concen: 0.968 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034935.D

Acq: 04 Oct 2019 15:12

Tgt Ion: 164 Resp: 6964

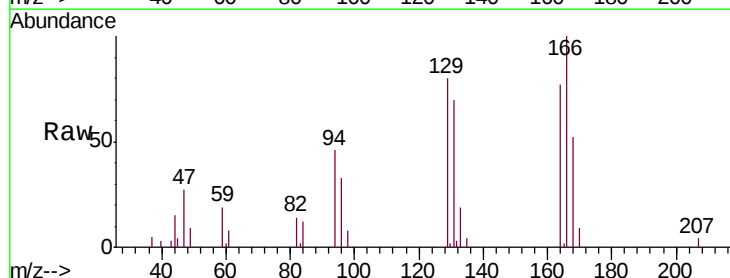
Ion Ratio Lower Upper

164 100

129 104.2 66.3 123.1

131 90.5 62.2 115.4

166 129.6 88.4 164.2

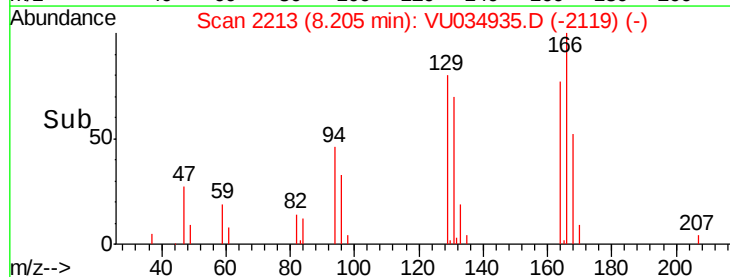
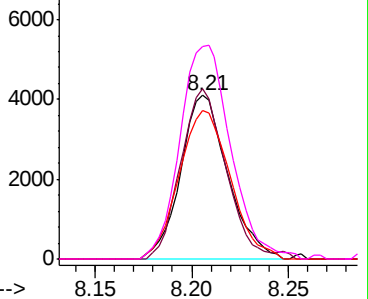


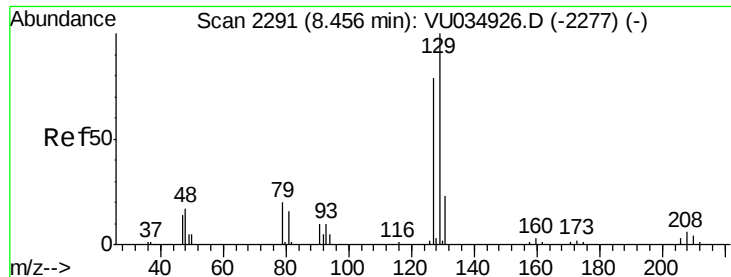
Abundance Ion 163.90 (163.60 to 164.60): VU034926.D (-2200) (-)

Ion 128.95 (128.65 to 129.65): VU034926.D (-2200) (-)

Ion 130.95 (130.65 to 131.65): VU034926.D (-2200) (-)

Ion 165.90 (165.60 to 166.60): VU034926.D (-2200) (-)





#49

Dibromochloromethane

Concen: 0.625 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. -0.25 min

Lab File: VU034935.D

Acq: 04 Oct 2019 15:12

Instrument :

MSVOA_U

ClientSampleId :

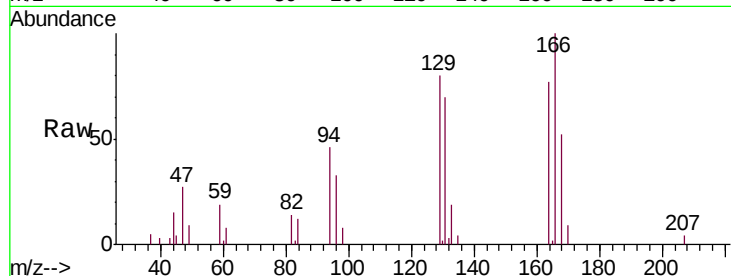
C0K03

Tgt Ion:129 Resp: 6990

Ion Ratio Lower Upper

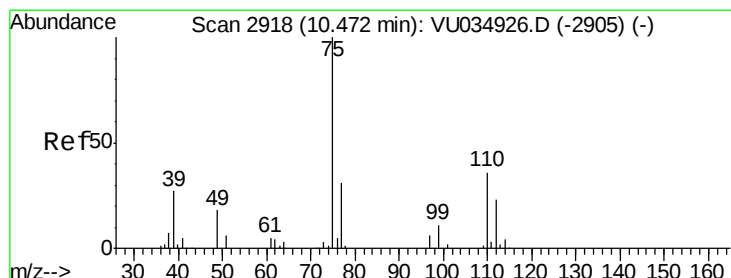
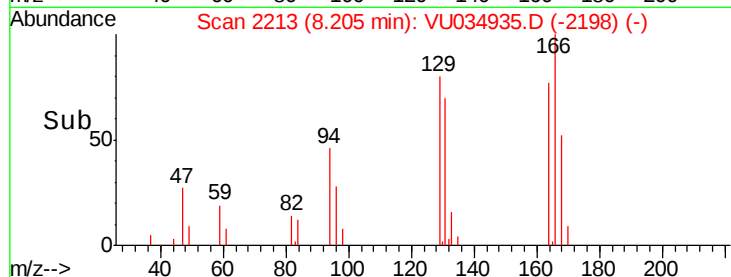
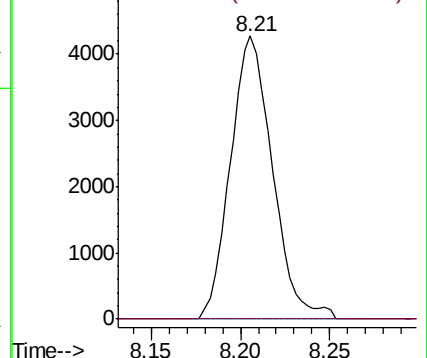
129 100

127 0.0 54.3 100.9#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#59

1,2,3-Trichloropropane

Concen: 1.191 ug/L

RT: 11.46 min Scan# 3226

Delta R.T. 0.99 min

Lab File: VU034935.D

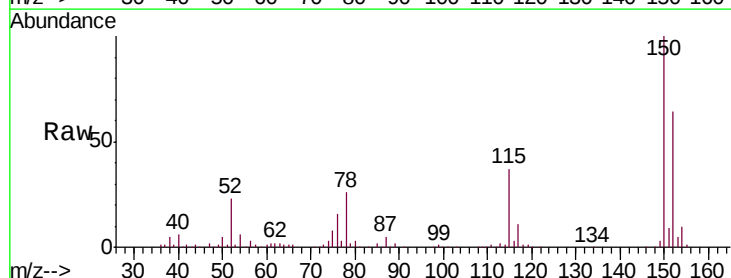
Acq: 04 Oct 2019 15:12

Tgt Ion: 75 Resp: 11943

Ion Ratio Lower Upper

75 100

77 35.9 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

