

Data File : VU029871.D
Acq On : 07 Mar 2019 23:17
Operator : JC/SP
Sample : K1789-08ME
Misc : 5.60g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0P4ME

Quant Time: Mar 08 04:37:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	498147	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	485048	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	252085	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	117718	32.25	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	64.50%
7) Chloroethane-d5	1.70	69	105	0.03	ug/L	0.03
Spiked Amount	50.000	Range	70 - 130	Recovery	=	0.06%#
11) 1,1-Dichloroethene-d2	2.23	63	172894	24.23	ug/L	-0.04
Spiked Amount	50.000	Range	60 - 125	Recovery	=	48.46%#
21) 2-Butanone-d5	4.20	46	228640	102.93	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	102.93%
24) Chloroform-d	4.64	84	245376	41.45	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	82.90%
26) 1,2-Dichloroethane-d4	5.30	65	160956	42.94	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	85.88%
32) Benzene-d6	5.33	84	532257	43.61	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.22%
36) 1,2-Dichloropropane-d6	6.32	67	169997	46.29	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.58%
41) Toluene-d8	7.56	98	487379	39.13	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	78.26%#
43) trans-1,3-Dichloropropene-	7.85	79	75645	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
47) 2-Hexanone-d5	8.32	63	208609	102.02	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	102.02%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	294658	47.49	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	94.98%
64) 1,2-Dichlorobenzene-d4	11.86	152	226309	41.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	83.32%

Target Compounds

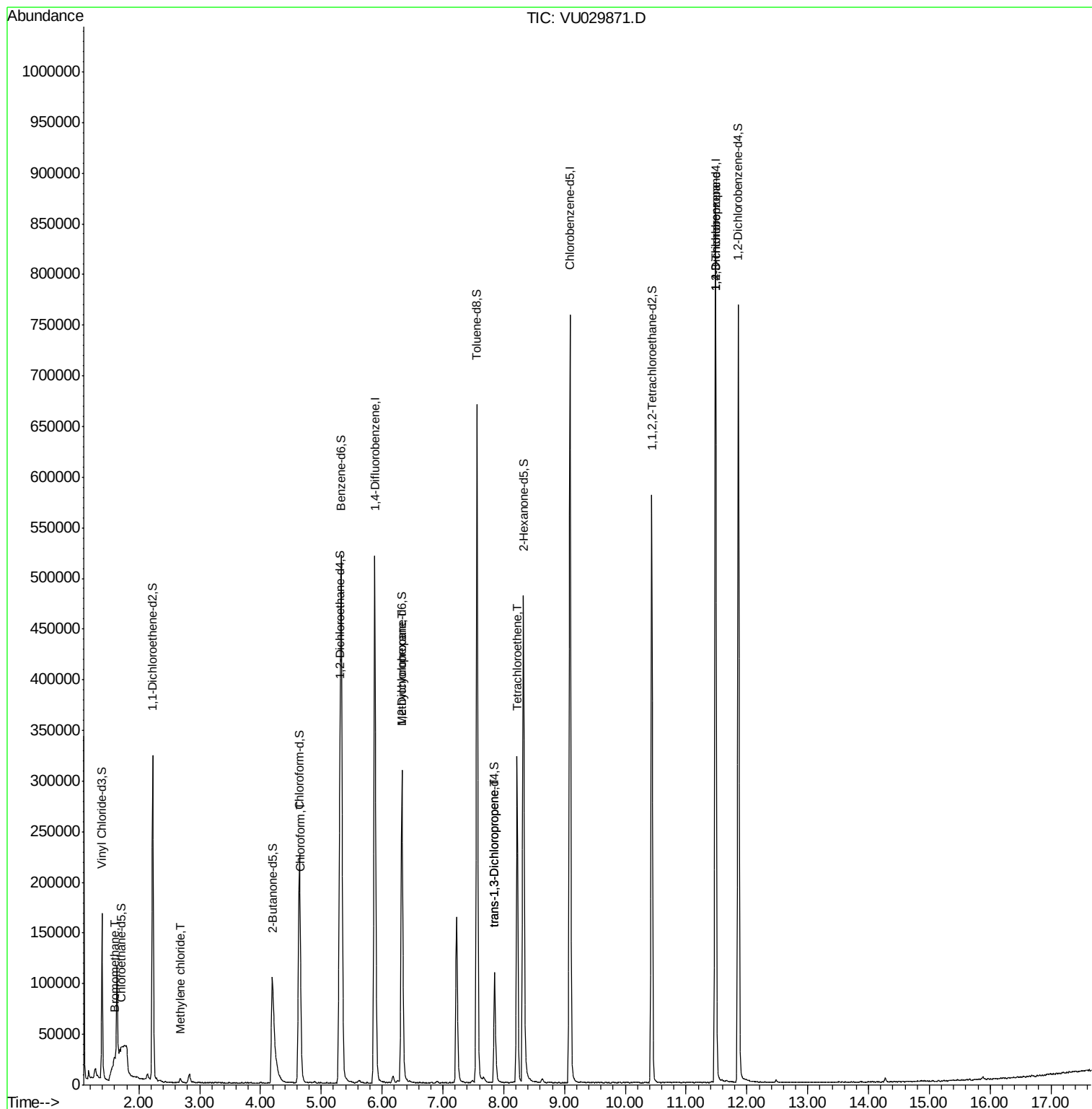
					Qvalue
6) Bromomethane	1.60	94	1796	0.967 ug/L	97
16) Methylene chloride	2.68	84	2061	0.646 ug/L	86
25) Chloroform	4.66	83	3953	0.673 ug/L	87
35) Methylcyclohexane	6.32	83	39191	7.044 ug/L #	22
44) trans-1,3-Dichloropropene	7.85	75	2921	0.588 ug/L	91
46) Tetrachloroethene	8.22	164	80297	24.488 ug/L	97
59) 1,2,3-Trichloropropane	11.48	75	25719	5.526 ug/L	96

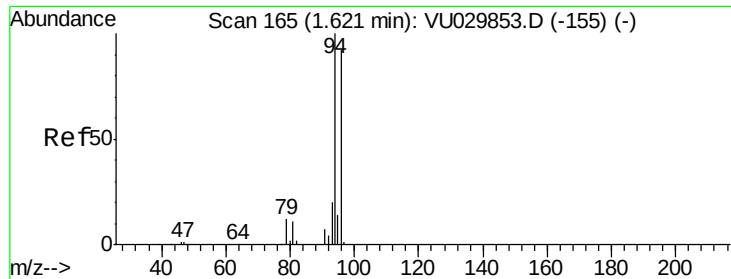
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VU029871.D
Acq On : 07 Mar 2019 23:17
Operator : JC/SP
Sample : K1789-08ME
Misc : 5.60g/5mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF0P4ME

Quant Time: Mar 08 04:37:06 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM021519WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 08 04:31:20 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.967 ug/L

RT: 1.60 min Scan# 158

Delta R.T. -0.02 min

Lab File: VU029871.D

Acq: 07 Mar 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

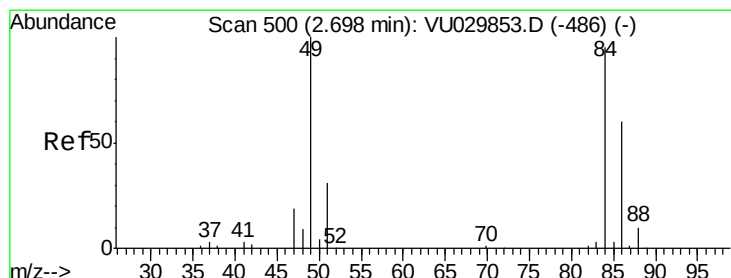
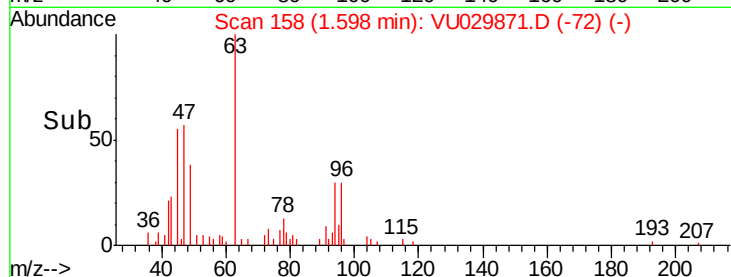
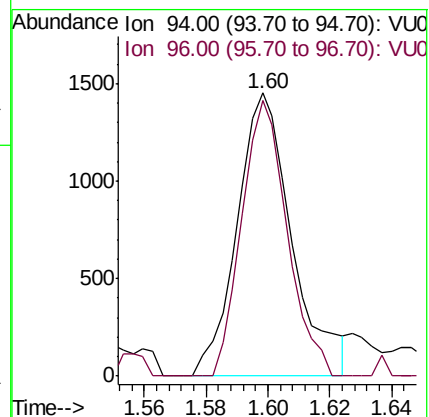
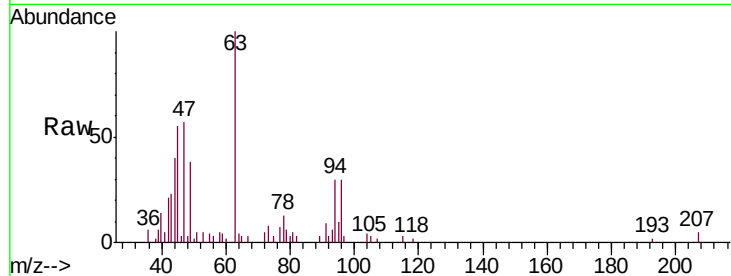
BF0P4ME

Tgt Ion: 94 Resp: 1796

Ion Ratio Lower Upper

94 100

96 97.3 66.4 123.2



#16

Methylene chloride

Concen: 0.646 ug/L

RT: 2.68 min Scan# 495

Delta R.T. -0.02 min

Lab File: VU029871.D

Acq: 07 Mar 2019 23:17

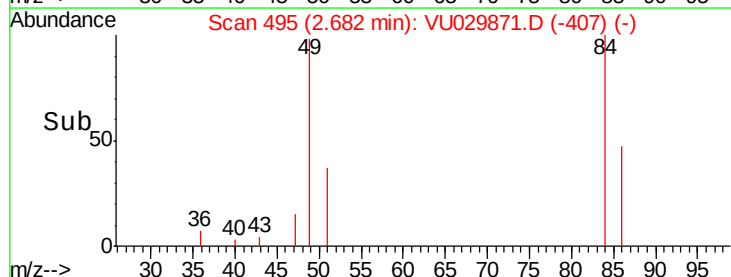
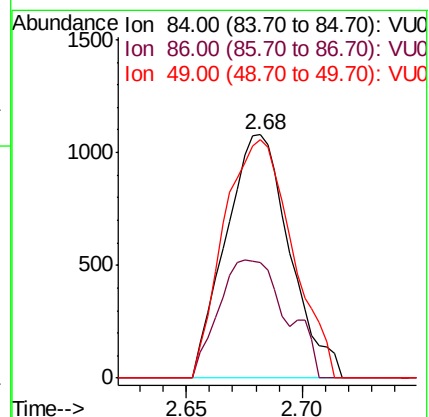
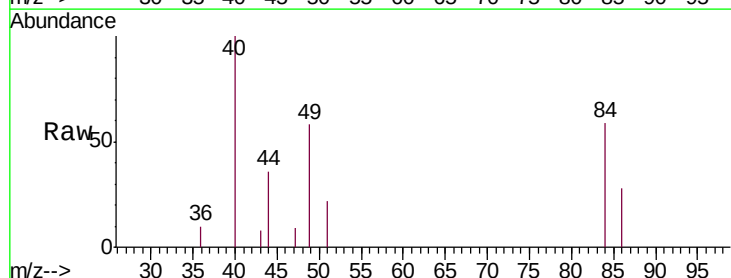
Tgt Ion: 84 Resp: 2061

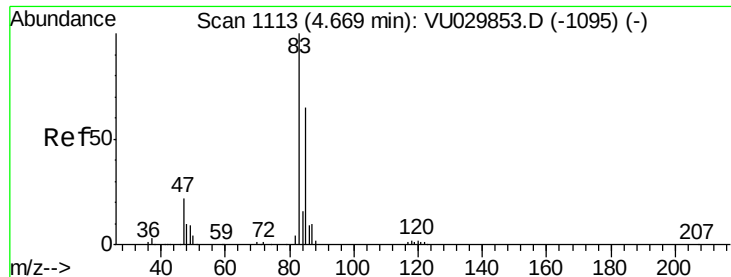
Ion Ratio Lower Upper

84 100

86 47.3 45.8 85.0

49 97.8 75.1 139.5

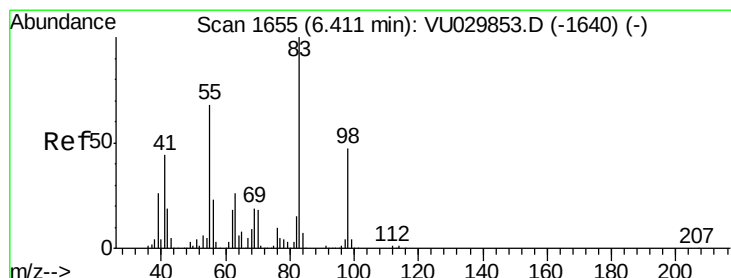
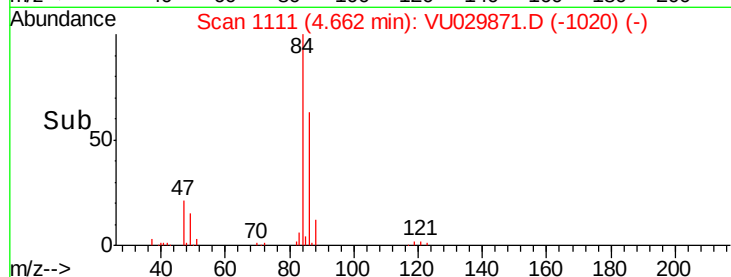
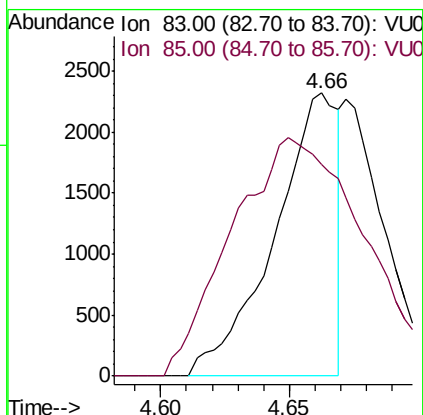
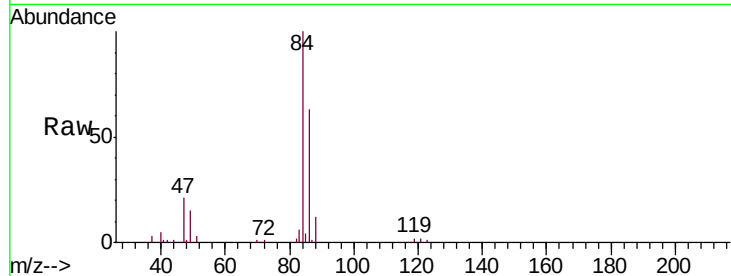




#25
Chloroform
Concen: 0.673 ug/L
RT: 4.66 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VU029871.D
Acq: 07 Mar 2019 23:17

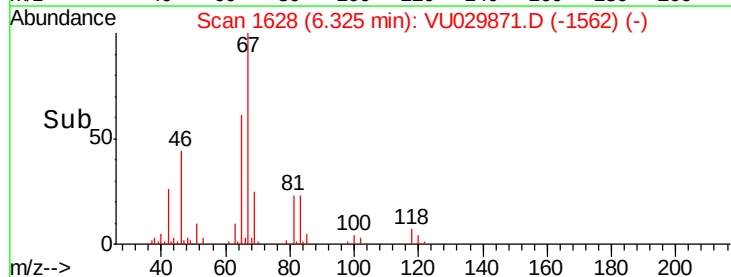
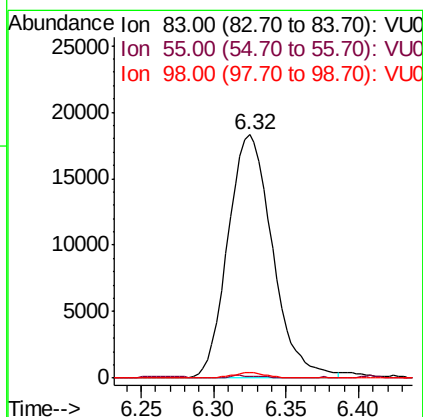
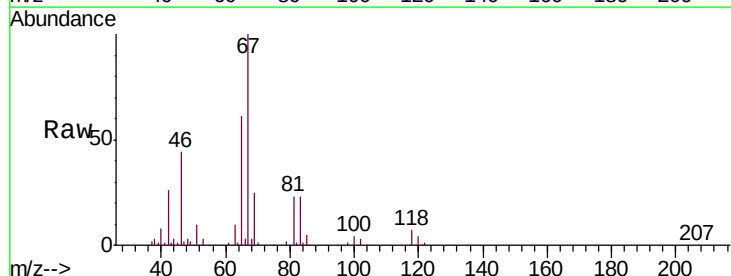
Instrument :
MSVOA_U
ClientSampleId :
BF0P4ME

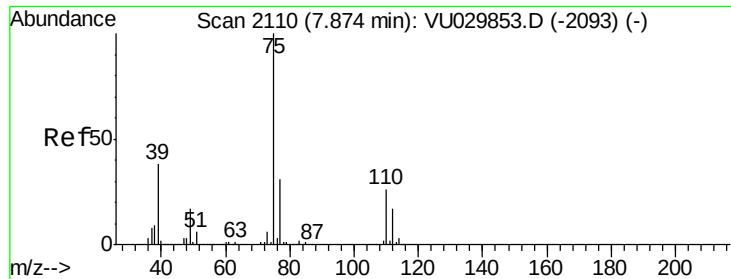
Tgt Ion: 83 Resp: 3953
Ion Ratio Lower Upper
83 100
85 74.8 45.4 84.2



#35
Methylcyclohexane
Concen: 7.044 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.09 min
Lab File: VU029871.D
Acq: 07 Mar 2019 23:17

Tgt Ion: 83 Resp: 39191
Ion Ratio Lower Upper
83 100
55 0.4 55.2 82.8#
98 1.6 39.4 59.2#

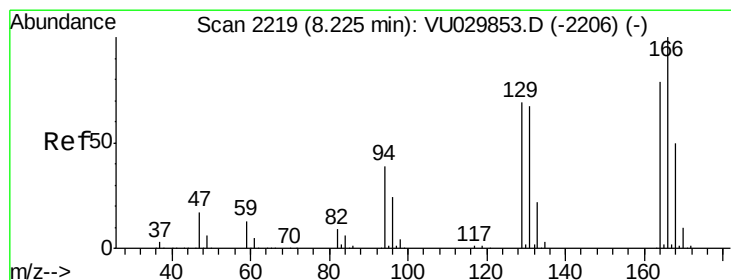
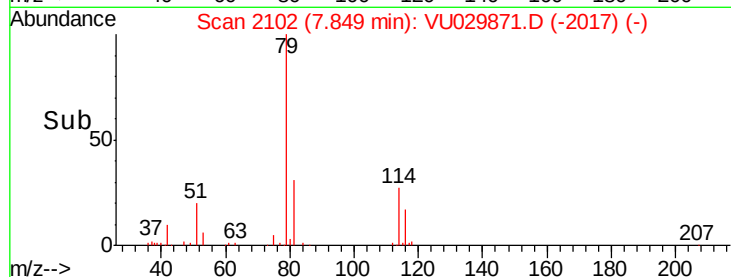
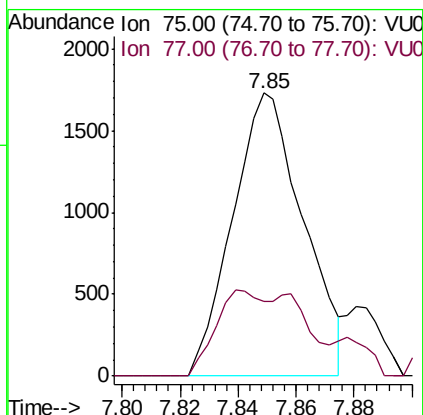
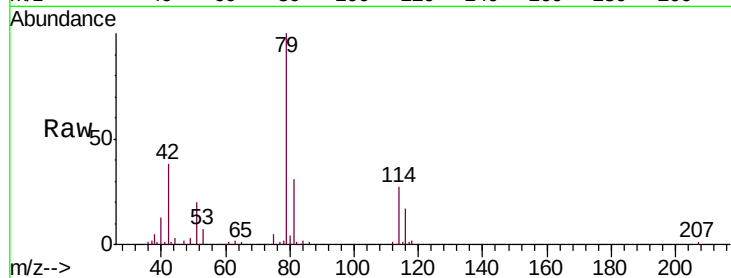




#44
trans-1,3-Dichloropropene
Concen: 0.588 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU029871.D
Acq: 07 Mar 2019 23:17

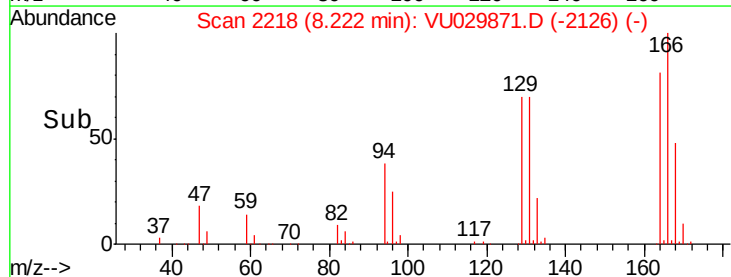
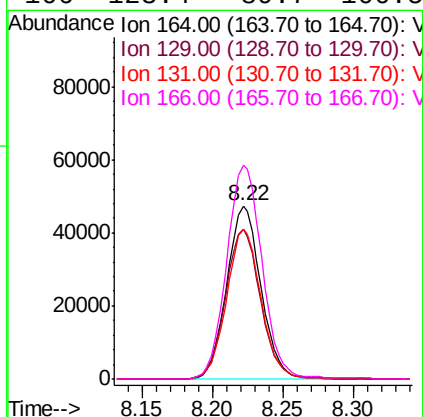
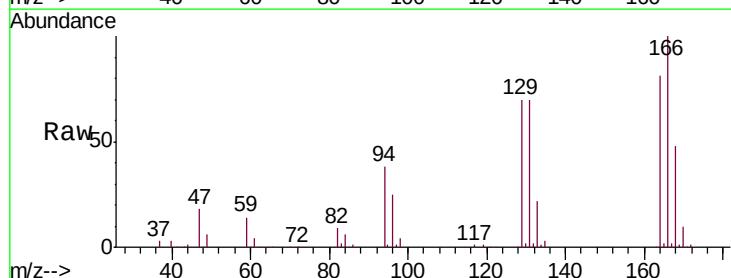
Instrument :
MSVOA_U
ClientSampleId :
BF0P4ME

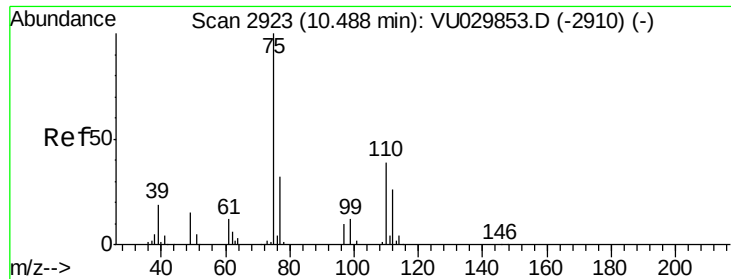
Tgt Ion: 75 Resp: 2921
Ion Ratio Lower Upper
75 100
77 26.4 22.1 41.1



#46
Tetrachloroethene
Concen: 24.488 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU029871.D
Acq: 07 Mar 2019 23:17

Tgt Ion: 164 Resp: 80297
Ion Ratio Lower Upper
164 100
129 86.5 62.1 115.3
131 86.8 60.1 111.5
166 123.4 89.7 166.5





#59

1,2,3-Trichloropropane

Concen: 5.526 ug/L

RT: 11.48 min Scan# 3232

Delta R.T. 0.99 min

Lab File: VU029871.D

Acq: 07 Mar 2019 23:17

Instrument :

MSVOA_U

ClientSampleId :

BF0P4ME

Tgt Ion: 75 Resp: 25719

Ion Ratio Lower Upper

75 100

77 34.6 25.7 38.5

