

Data File : VU034399.D
Acq On : 07 Sep 2019 23:27
Operator : JC/SP
Sample : K4685-14DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BFD83DL

Quant Time: Sep 08 03:48:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR090119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sun Sep 08 03:44:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	285240	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	291041	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	130830	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	70290	3.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.20%
7) Chloroethane-d5	1.68	69	66403	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.26	63	107736	2.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	59.80%#
20) 2-Butanone-d5	4.17	46	201549	45.42	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.84%
24) Chloroform-d	4.63	84	157848	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
26) 1,2-Dichloroethane-d4	5.29	65	78001	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.32	84	323389	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.40%
36) 1,2-Dichloropropane-d6	6.31	67	107869	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.60%
41) Toluene-d8	7.55	98	277755	3.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.20%
43) trans-1,3-Dichloropropene-	7.83	79	32520	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.30	63	145068	39.94	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.88%
57) 1,1,2,2-Tetrachloroethane-	10.41	84	81030	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.40%
64) 1,2-Dichlorobenzene-d4	11.84	152	115175	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

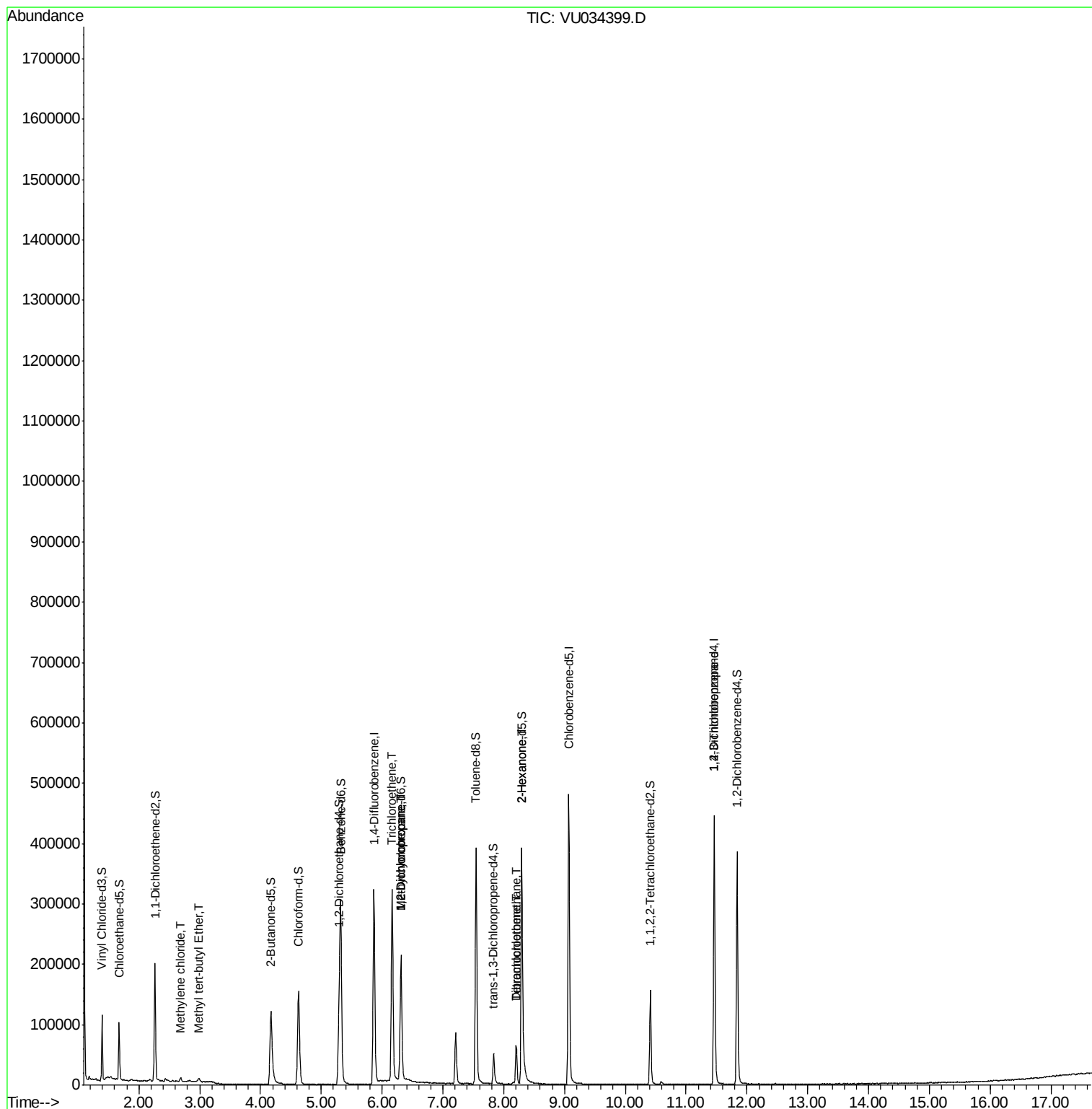
					Qvalue
16) Methylene chloride	2.69	84	2594	0.129 ug/L	89
17) Methyl tert-butyl Ether	2.99	73	6001	0.136 ug/L #	94
34) Trichloroethene	6.16	95	115823	5.105 ug/L	97
35) Methylcyclohexane	6.31	83	23570	0.627 ug/L #	18
37) 1,2-Dichloropropane	6.31	63	10963	0.483 ug/L #	89
47) Tetrachloroethene	8.21	164	16644	0.893 ug/L	90
48) 2-Hexanone	8.30	43	15568	1.776 ug/L #	75
49) Dibromochloromethane	8.21	129	13933	0.807 ug/L #	11
59) 1,2,3-Trichloropropane	11.46	75	13642	1.050 ug/L	91

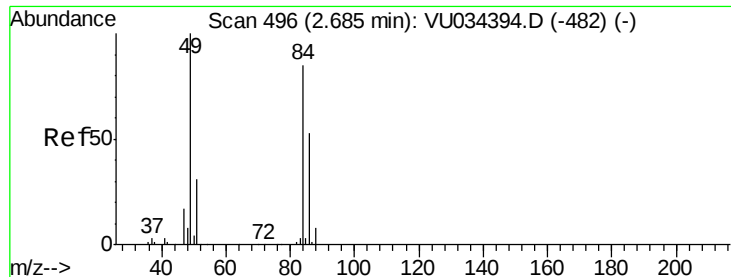
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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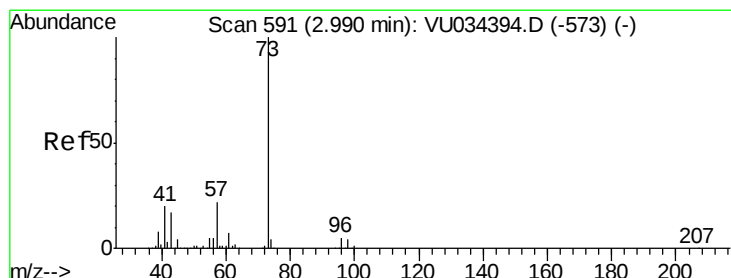
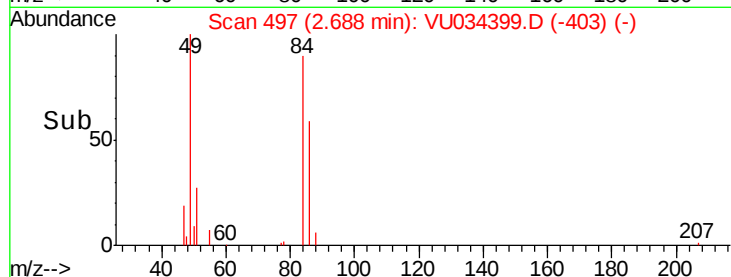
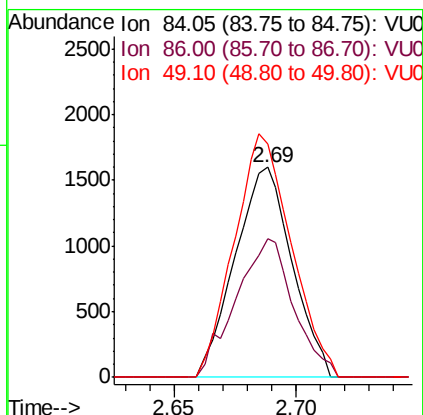
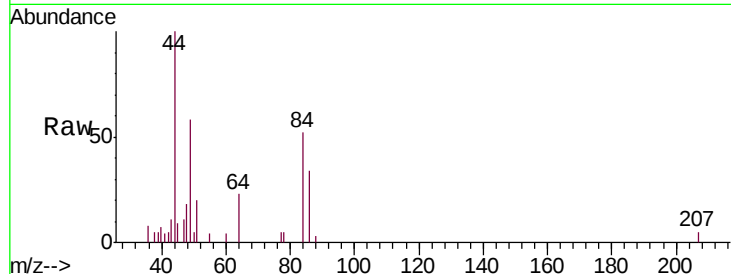




#16
Methylene chloride
Concen: 0.129 ug/L
RT: 2.69 min Scan# 497
Delta R.T. 0.00 min
Lab File: VU034399.D
Acq: 07 Sep 2019 23:27

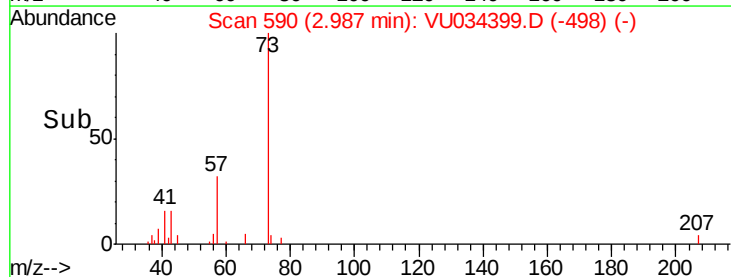
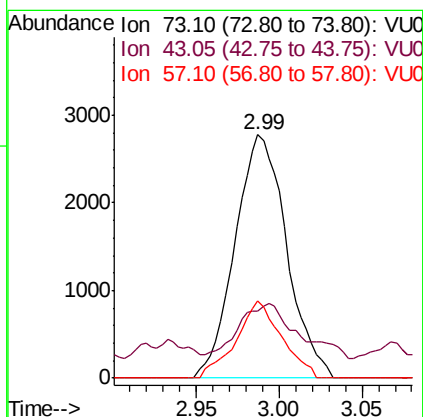
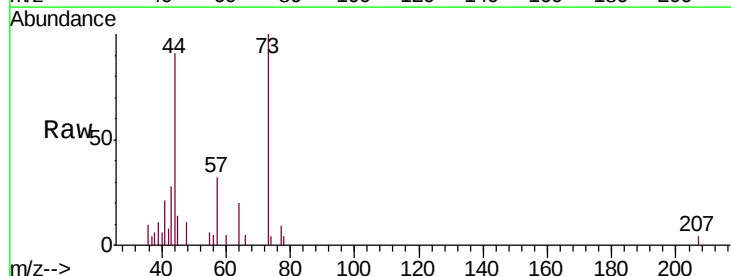
Instrument :
MSVOA_U
ClientSampleId :
BFD83DL

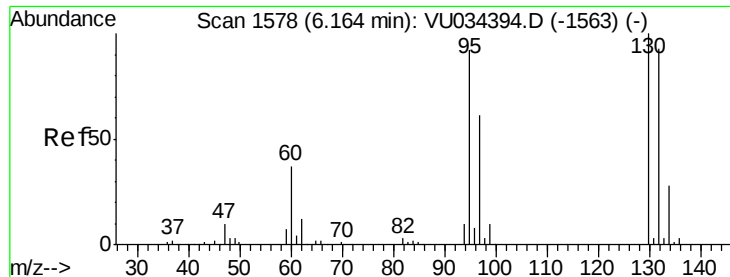
Tgt Ion: 84 Resp: 2594
Ion Ratio Lower Upper
84 100
86 65.6 44.4 82.5
49 111.0 90.2 167.4



#17
Methyl tert-butyl Ether
Concen: 0.136 ug/L
RT: 2.99 min Scan# 590
Delta R.T. -0.00 min
Lab File: VU034399.D
Acq: 07 Sep 2019 23:27

Tgt Ion: 73 Resp: 6001
Ion Ratio Lower Upper
73 100
43 19.5 14.7 22.1
57 27.9 18.6 27.8#





#34

Trichloroethene

Concen: 5.105 ug/L

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034399.D

Acq: 07 Sep 2019 23:27

Instrument :

MSVOA_U

ClientSampleId :

BFD83DL

Tgt Ion: 95 Resp: 115823

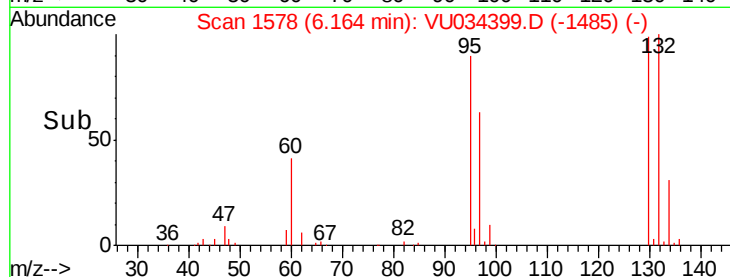
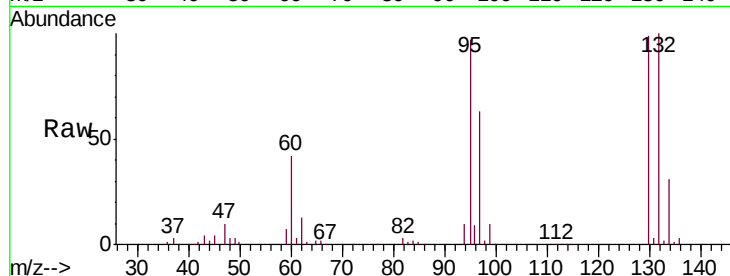
Ion Ratio Lower Upper

95 100

97 64.5 43.3 80.5

132 102.9 68.6 127.4

130 101.8 70.5 130.9

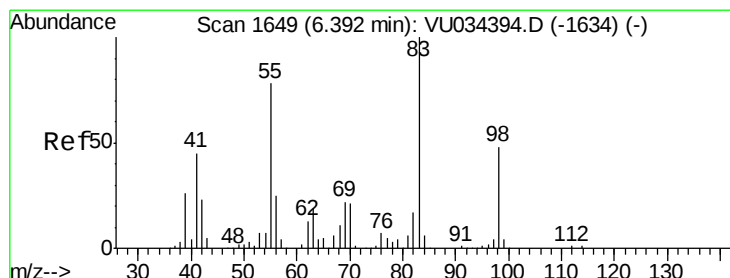
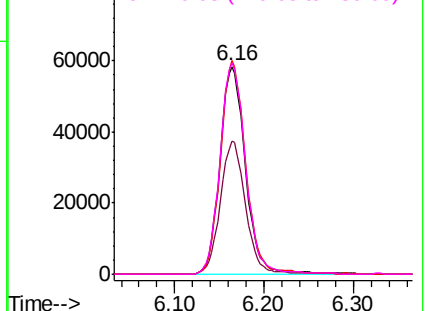


Abundance Ion 95.00 (94.70 to 95.70): VU034399.D (-1485) (-)

Ion 96.95 (96.65 to 97.65): VU034399.D (-1485) (-)

Ion 131.95 (131.65 to 132.65): VU034399.D (-1485) (-)

Ion 129.95 (129.65 to 130.65): VU034399.D (-1485) (-)



#35

Methylcyclohexane

Concen: 0.627 ug/L

RT: 6.31 min Scan# 1623

Delta R.T. -0.08 min

Lab File: VU034399.D

Acq: 07 Sep 2019 23:27

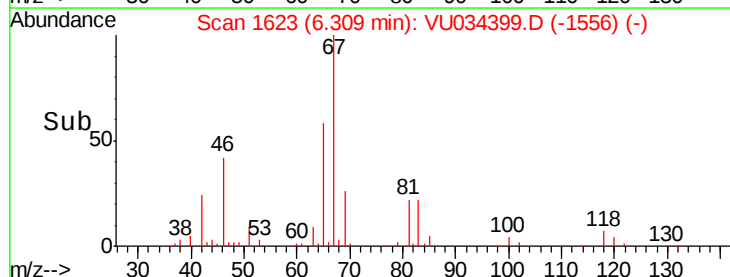
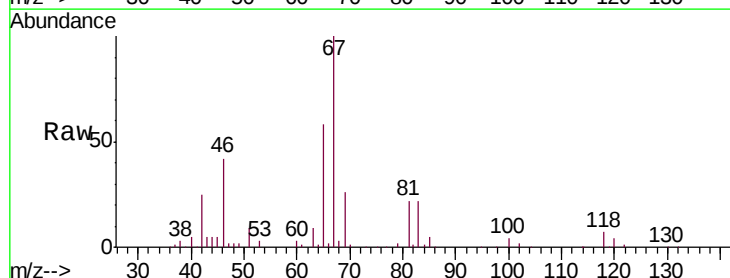
Tgt Ion: 83 Resp: 23570

Ion Ratio Lower Upper

83 100

55 0.2 62.6 94.0#

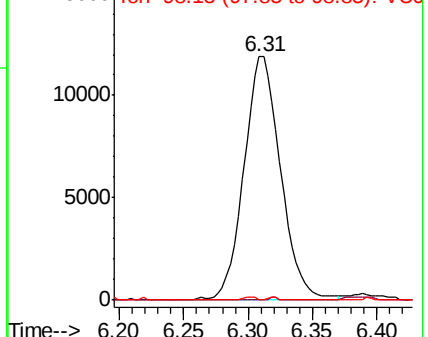
98 0.5 36.2 54.2#

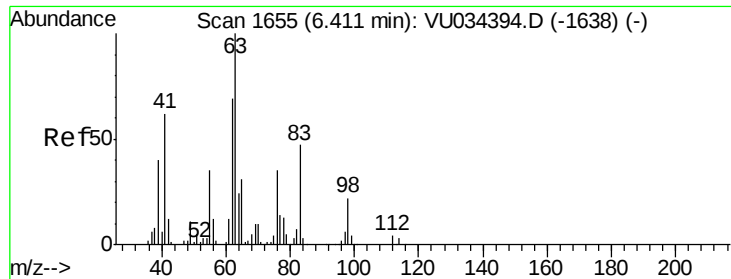


Abundance Ion 83.15 (82.85 to 83.85): VU034399.D (-1556) (-)

Ion 55.10 (54.80 to 55.80): VU034399.D (-1556) (-)

Ion 98.15 (97.85 to 98.85): VU034399.D (-1556) (-)





#37

1,2-Dichloropropane

Concen: 0.483 ug/L

RT: 6.31 min Scan# 1624

Delta R.T. -0.10 min

Lab File: VU034399.D

Acq: 07 Sep 2019 23:27

Instrument :

MSVOA_U

ClientSampleId :

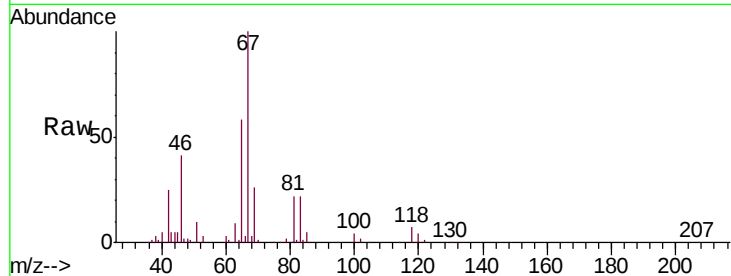
BFD83DL

Tgt Ion: 63 Resp: 10963

Ion Ratio Lower Upper

63 100

112 0.4 3.3 4.9#

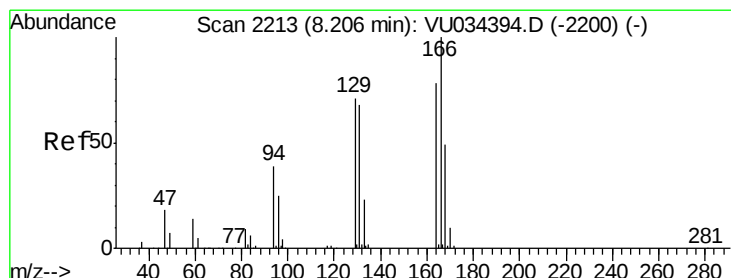
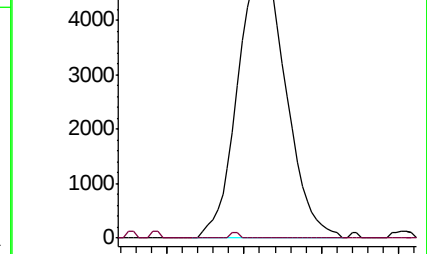
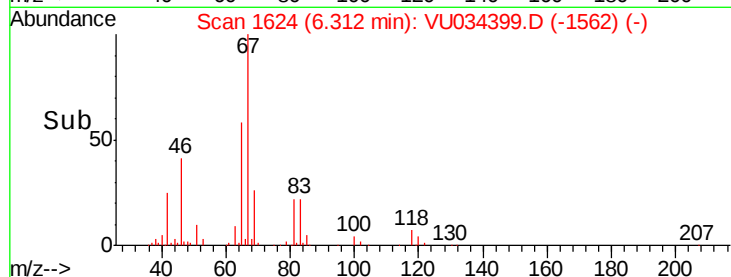


Abundance Ion 63.10 (62.80 to 63.80): VU034399.D (-1638) (-)

Ion 112.10 (111.80 to 112.80): VU034399.D (-1638) (-)

6.31

6.25 6.30 6.35



#47

Tetrachloroethene

Concen: 0.893 ug/L

RT: 8.21 min Scan# 2213

Delta R.T. 0.00 min

Lab File: VU034399.D

Acq: 07 Sep 2019 23:27

Tgt Ion: 164 Resp: 16644

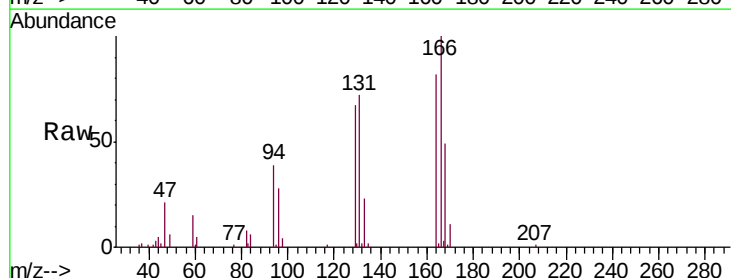
Ion Ratio Lower Upper

164 100

129 81.8 68.0 126.2

131 87.9 64.6 120.0

166 121.4 92.0 170.8



Abundance Ion 163.90 (163.60 to 164.60): VU034399.D (-2200) (-)

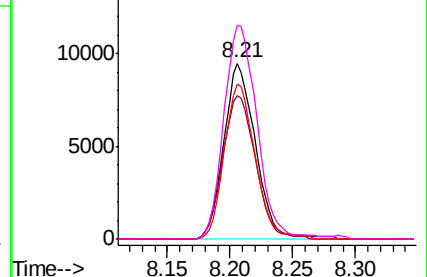
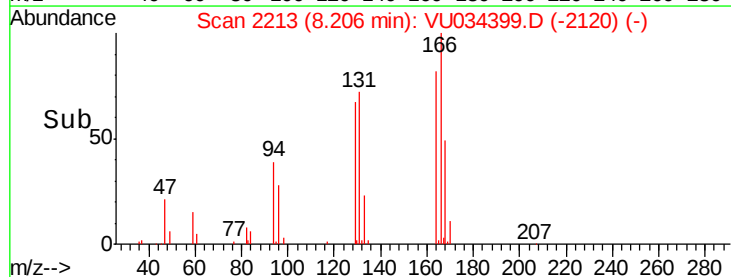
Ion 128.95 (128.65 to 129.65): VU034399.D (-2200) (-)

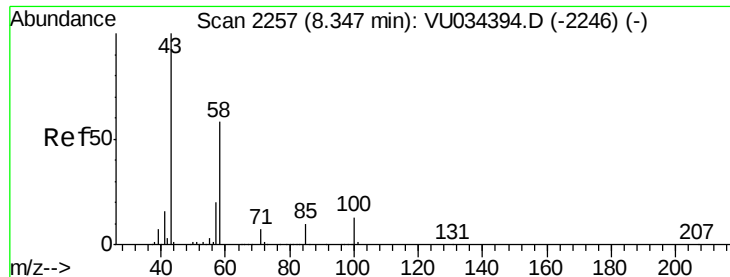
Ion 130.95 (130.65 to 131.65): VU034399.D (-2200) (-)

Ion 165.90 (165.60 to 166.60): VU034399.D (-2200) (-)

8.21

8.15 8.20 8.25 8.30

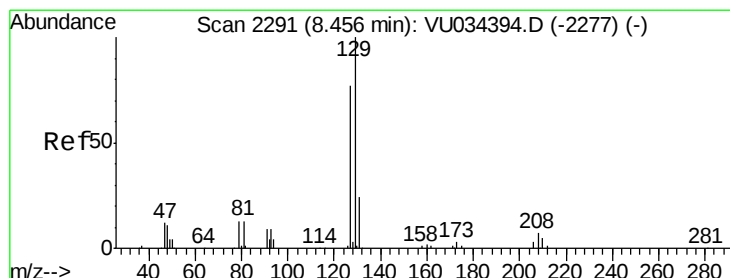
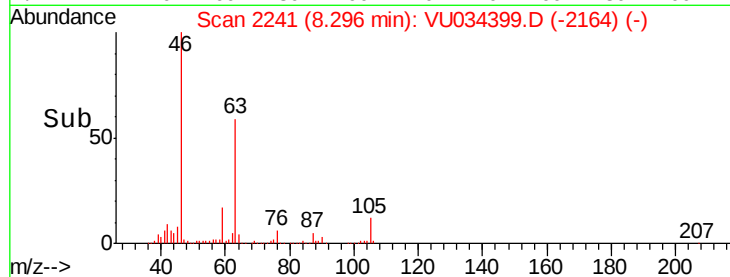
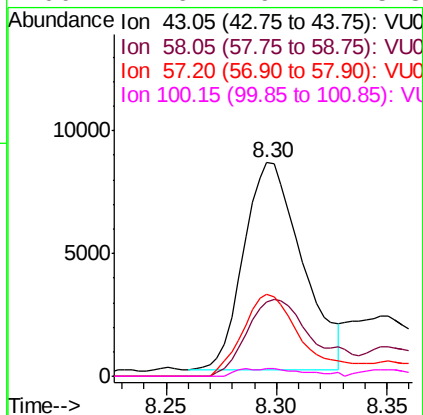
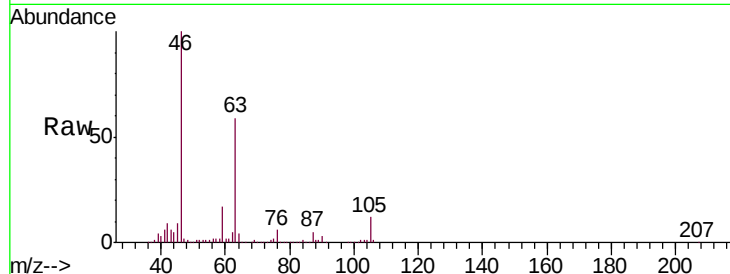




#48
2-Hexanone
Concen: 1.776 ug/L
RT: 8.30 min Scan# 2241
Delta R.T. -0.05 min
Lab File: VU034399.D
Acq: 07 Sep 2019 23:27

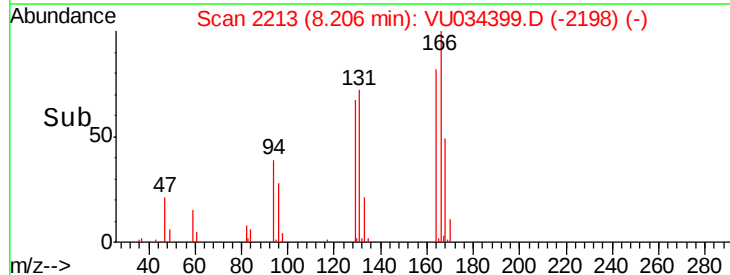
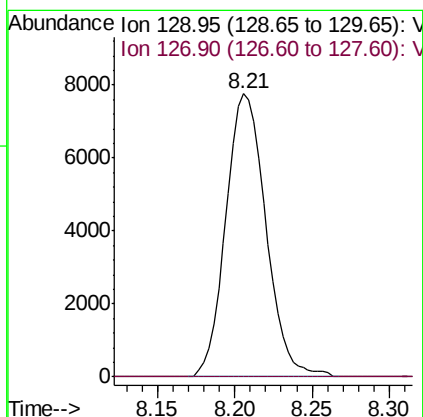
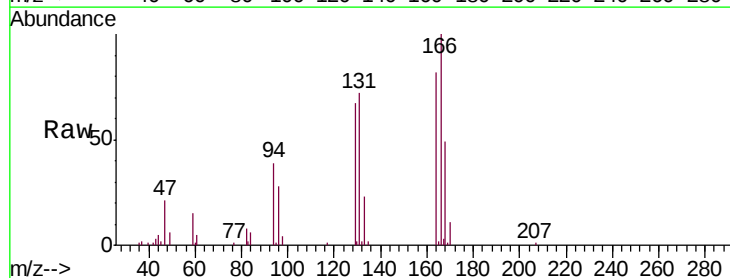
Instrument :
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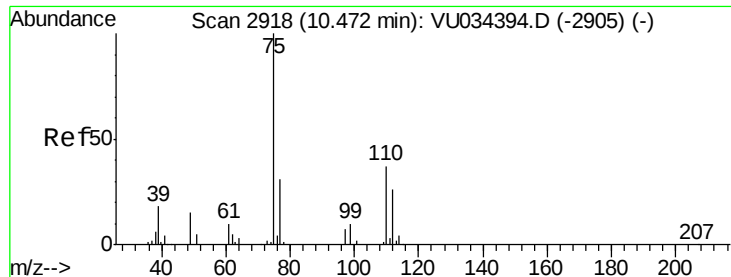
Tgt Ion:	43	Resp:	15568
Ion	Ratio	Lower	Upper
43	100		
58	43.2	44.9	67.3#
57	40.0	15.0	22.6#
100	2.6	9.2	13.8#



#49
Dibromochloromethane
Concen: 0.807 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU034399.D
Acq: 07 Sep 2019 23:27

Tgt Ion:	129	Resp:	13933
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#59

1,2,3-Trichloropropane

Concen: 1.050 ug/L

RT: 11.46 min Scan# 3225

Delta R.T. 0.99 min

Lab File: VU034399.D

Acq: 07 Sep 2019 23:27

Instrument :

MSVOA_U

ClientSampleId :

BFD83DL

Tgt Ion: 75 Resp: 13642

Ion Ratio Lower Upper

75 100

77 37.8 26.0 39.0

