

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060319\
 Data File : VU032416.D
 Acq On : 04 Jun 2019 00:43
 Operator : JC/SP
 Sample : K3081-09
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALD9

Quant Time: Jun 04 09:01:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR060319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jun 04 08:55:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	105850	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	99825	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43847	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	41017	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.67	69	35740	3.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.20%
11) 1,1-Dichloroethene-d2	2.27	63	67365	2.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	58.00%#
20) 2-Butanone-d5	4.18	46	112923	48.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	97.68%
24) Chloroform-d	4.64	84	68109	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.31	65	40815	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.33	84	135395	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.32	67	45898	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.56	98	128640	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
43) trans-1,3-Dichloropropene-	7.85	79	19399	4.48	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.60%
46) 2-Hexanone-d5	8.31	63	94014	49.21	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.42%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	36694	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.85	152	43047	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

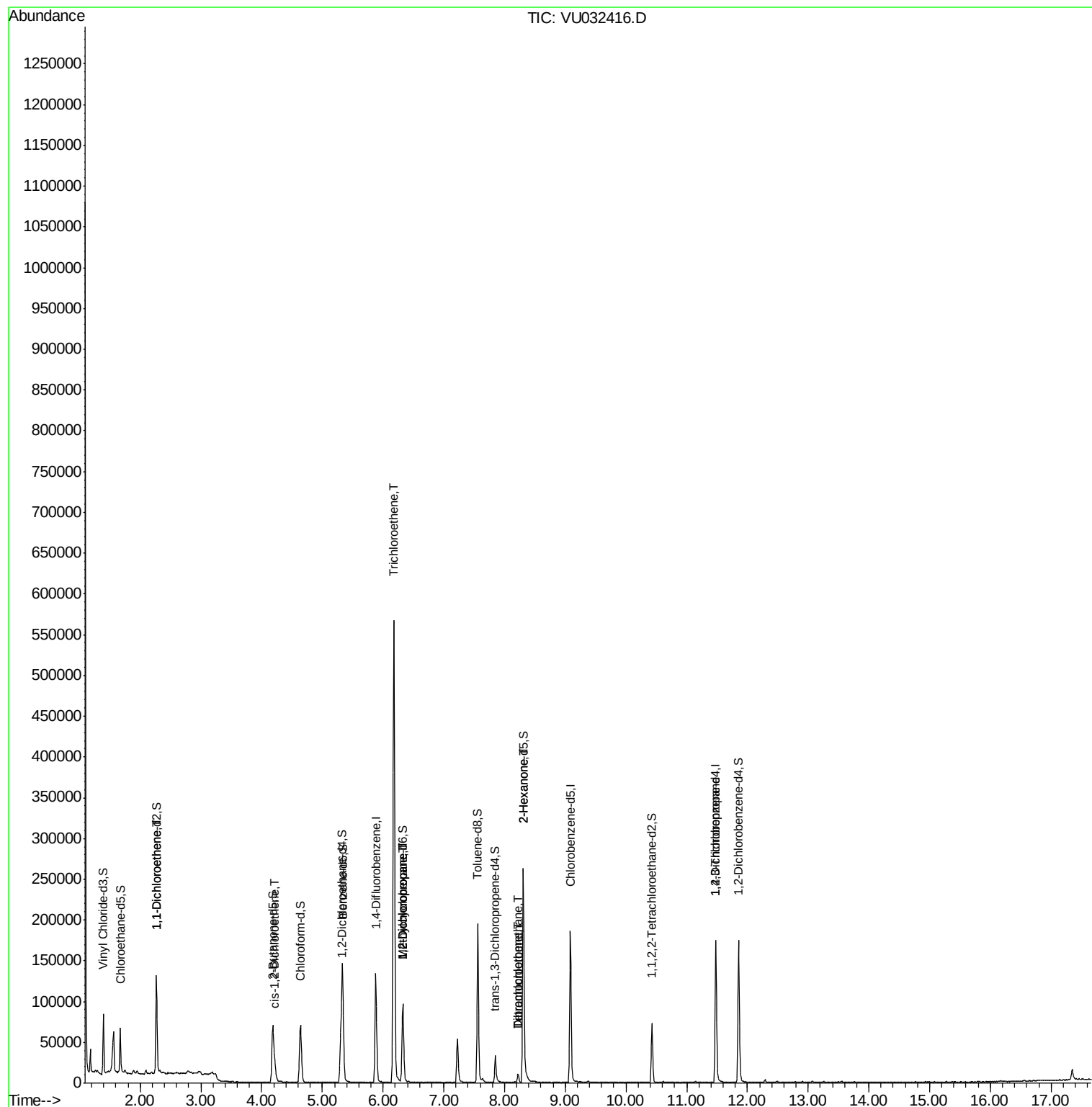
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.28	96	2213	0.152	ug/L #	1
22) cis-1,2-Dichloroethene	4.22	96	6879	0.440	ug/L	95
34) Trichloroethene	6.18	95	197836	12.514	ug/L	97
35) Methylcyclohexane	6.32	83	9719	0.369	ug/L #	19
37) 1,2-Dichloropropane	6.33	63	4909	0.309	ug/L #	90
47) Tetrachloroethene	8.22	164	2256	0.204	ug/L	90
48) 2-Hexanone	8.31	43	10705	1.224	ug/L #	68
49) Dibromochloromethane	8.22	129	2358	0.172	ug/L #	12
59) 1,2,3-Trichloropropane	11.48	75	6022	0.584	ug/L #	82

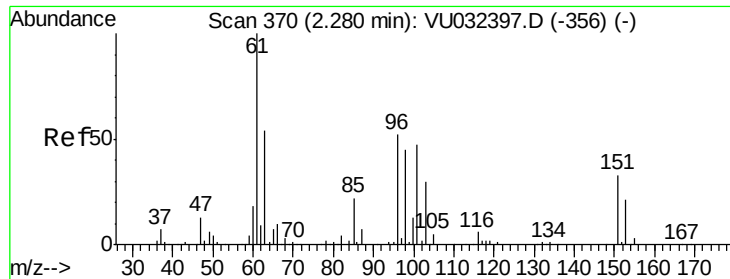
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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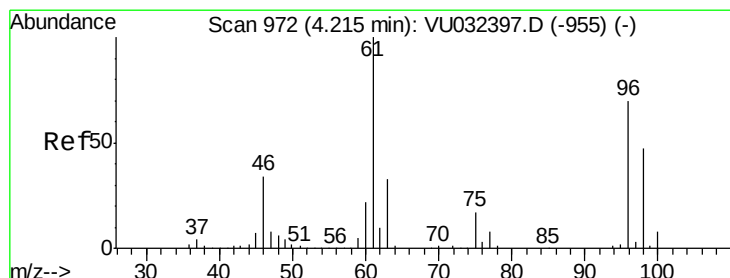
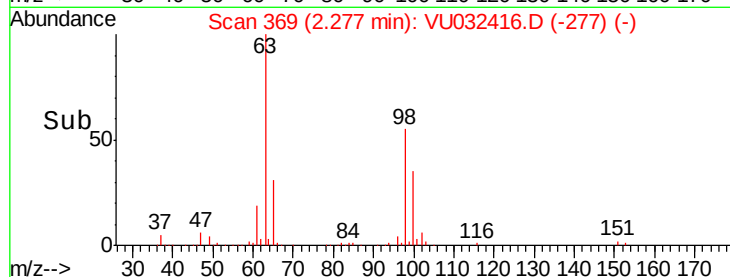
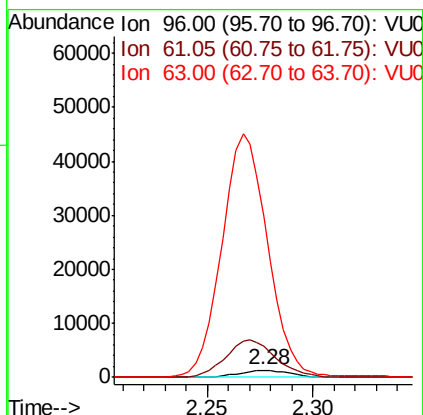
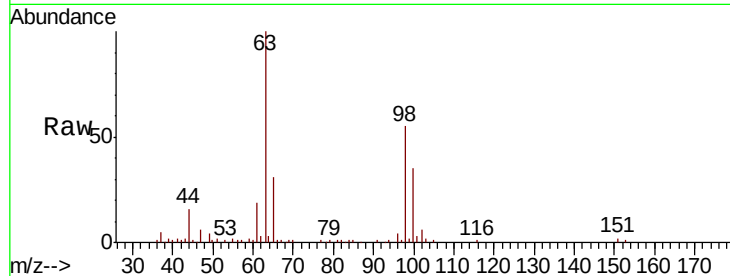




#12
 1,1-Dichloroethene
 Concen: 0.152 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VU032416.D
 Acq: 04 Jun 2019 00:43

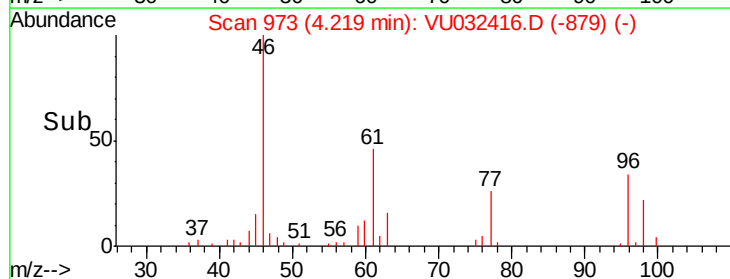
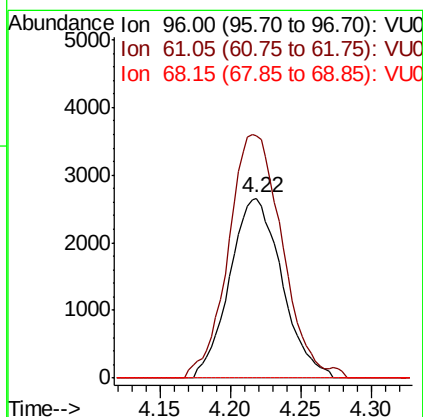
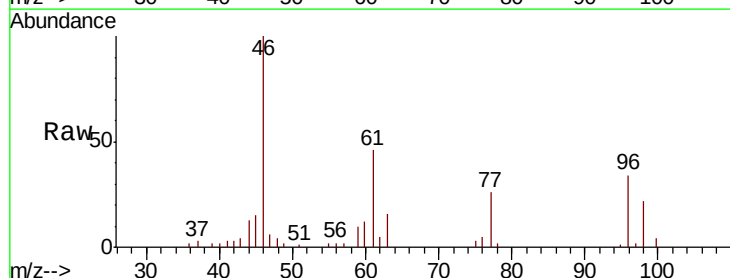
Instrument :
 MSVOA_U
 ClientSampled :
 GALD9

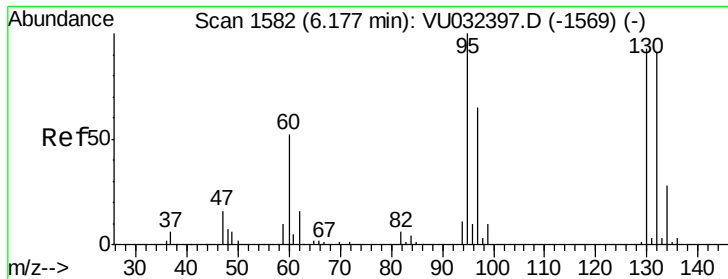
Tgt Ion: 96 Resp: 2213
 Ion Ratio Lower Upper
 96 100
 61 453.3 133.6 248.0#
 63 2351.1 72.4 134.4#



#22
 cis-1,2-Dichloroethene
 Concen: 0.440 ug/L
 RT: 4.22 min Scan# 973
 Delta R.T. 0.00 min
 Lab File: VU032416.D
 Acq: 04 Jun 2019 00:43

Tgt Ion: 96 Resp: 6879
 Ion Ratio Lower Upper
 96 100
 61 134.7 99.0 183.8
 68 0.0 0.0 0.0





#34

Trichloroethene

Concen: 12.514 ug/L

RT: 6.18 min Scan# 1582

Delta R.T. -0.00 min

Lab File: VU032416.D

Acq: 04 Jun 2019 00:43

Instrument :

MSVOA_U

ClientSampleId :

GALD9

Tgt Ion: 95 Resp: 197836

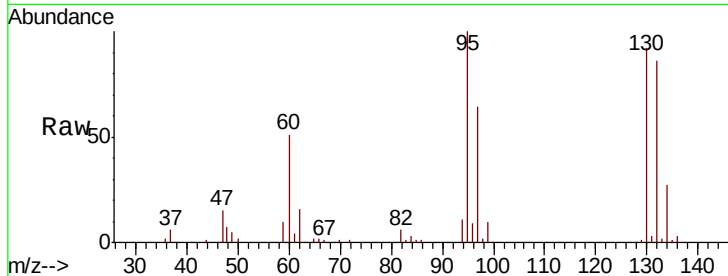
Ion Ratio Lower Upper

95 100

97 64.0 45.8 85.0

132 85.7 63.1 117.1

130 92.3 66.0 122.6

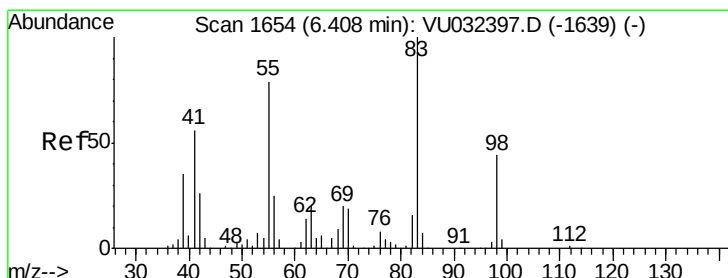
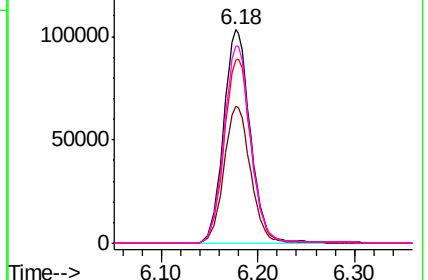
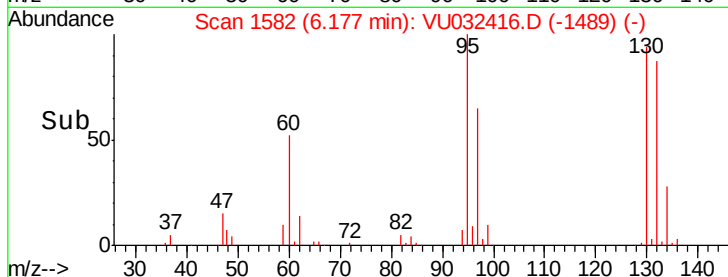


Abundance Ion 95.00 (94.70 to 95.70): VU0

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: 0.369 ug/L

RT: 6.32 min Scan# 1628

Delta R.T. -0.08 min

Lab File: VU032416.D

Acq: 04 Jun 2019 00:43

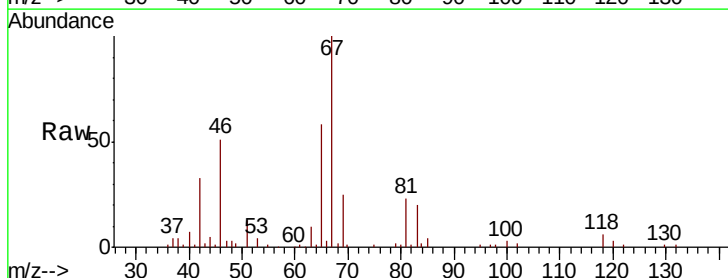
Tgt Ion: 83 Resp: 9719

Ion Ratio Lower Upper

83 100

55 3.1 64.7 97.1#

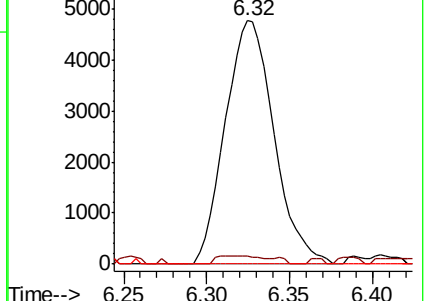
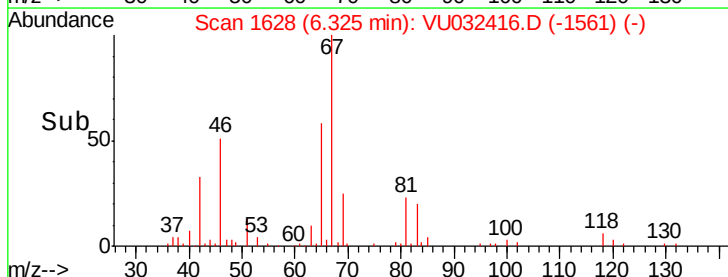
98 0.0 35.9 53.9#

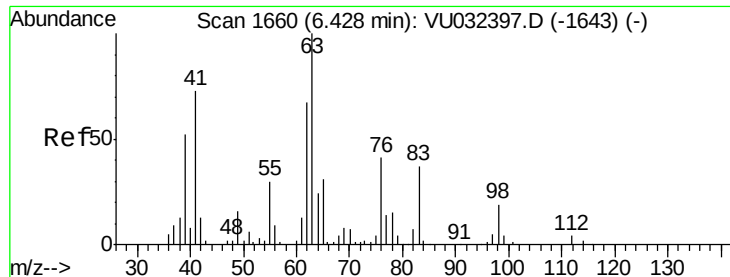


Abundance Ion 83.15 (82.85 to 83.85): VU0

Ion 55.10 (54.80 to 55.80): VU0

Ion 98.15 (97.85 to 98.85): VU0

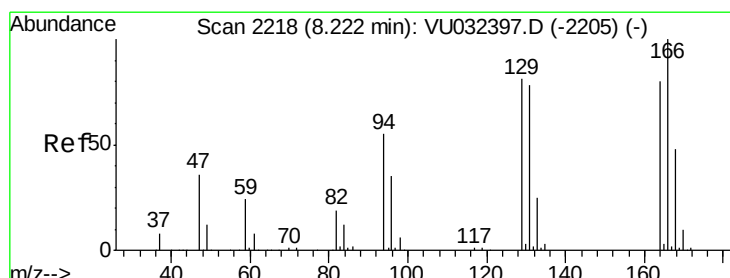
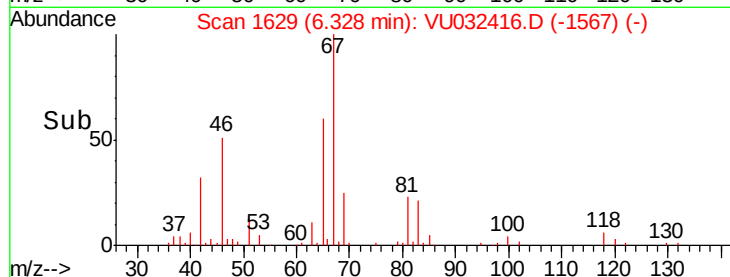
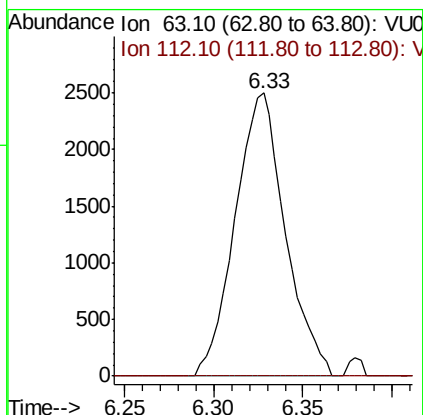
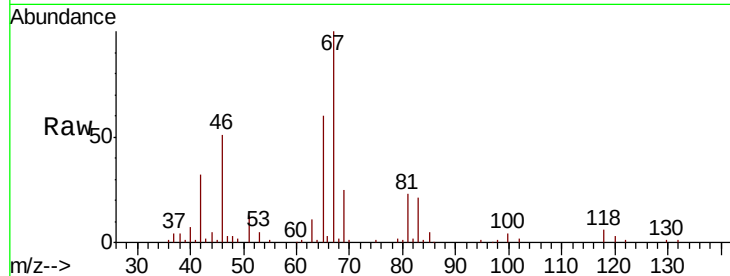




#37
 1,2-Dichloropropane
 Concen: 0.309 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU032416.D
 Acq: 04 Jun 2019 00:43

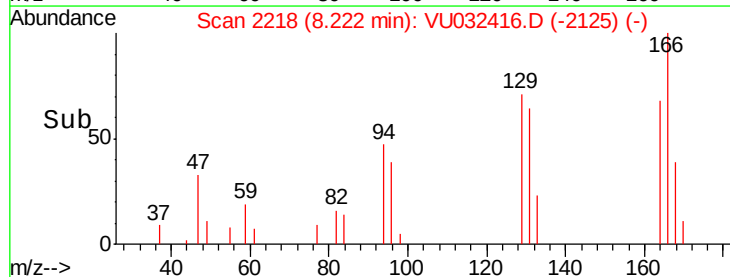
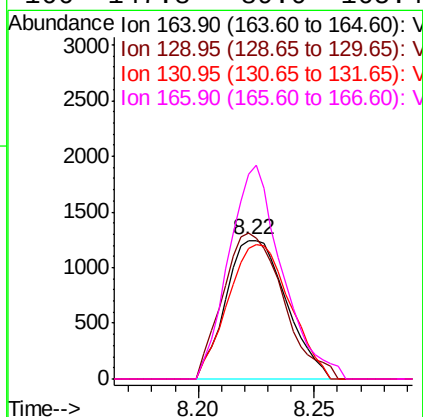
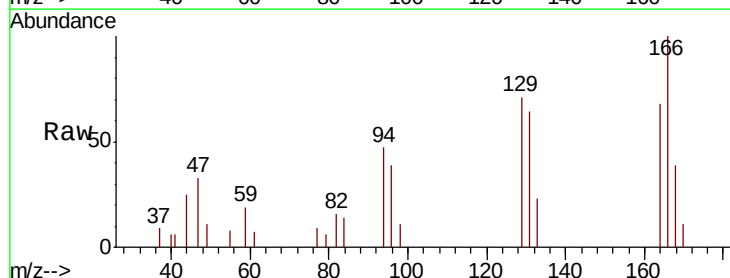
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 MSVOA_U
 ClientSampled :
 GALD9

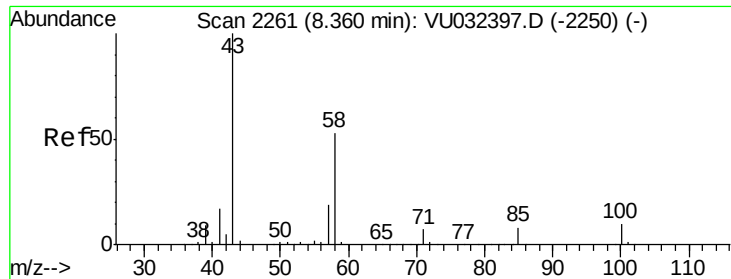
Tgt Ion: 63 Resp: 4909
 Ion Ratio Lower Upper
 63 100
 112 0.0 2.6 4.0#



#47
 Tetrachloroethene
 Concen: 0.204 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU032416.D
 Acq: 04 Jun 2019 00:43

Tgt Ion: 164 Resp: 2256
 Ion Ratio Lower Upper
 164 100
 129 105.1 72.1 133.9
 131 94.4 71.9 133.5
 166 147.8 89.0 165.4

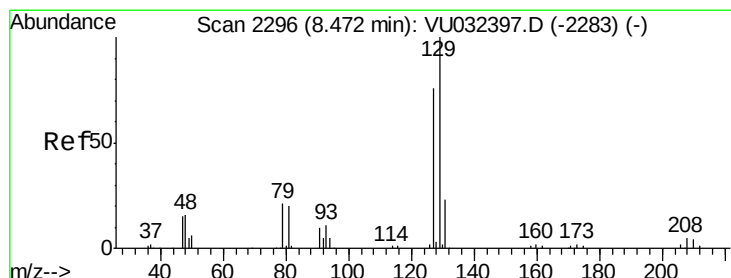
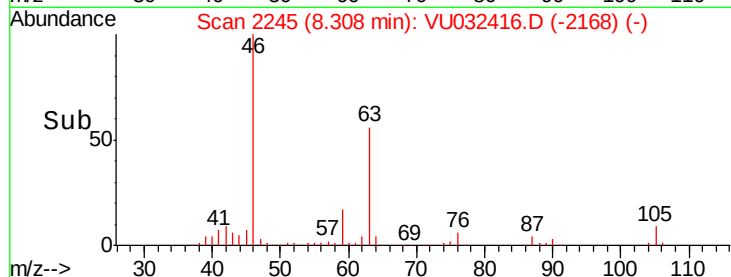
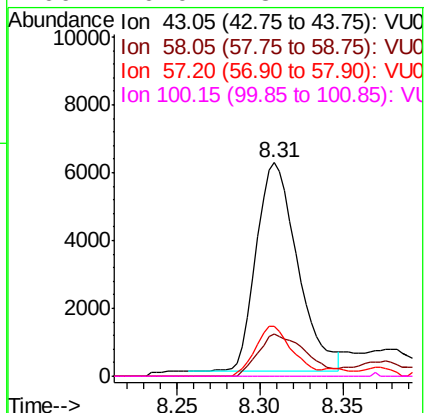
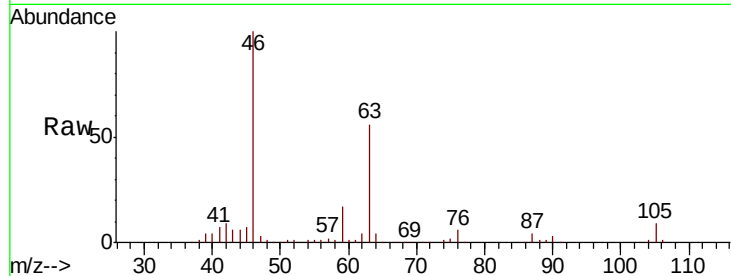




#48
2-Hexanone
Concen: 1.224 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU032416.D
Acq: 04 Jun 2019 00:43

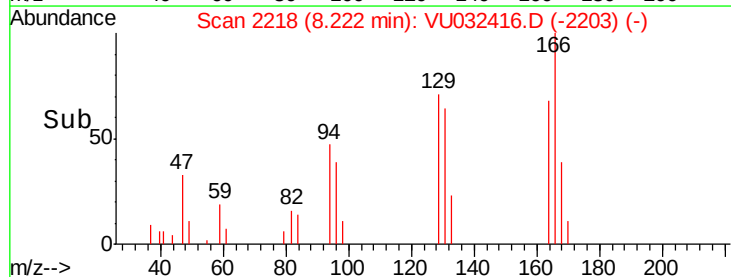
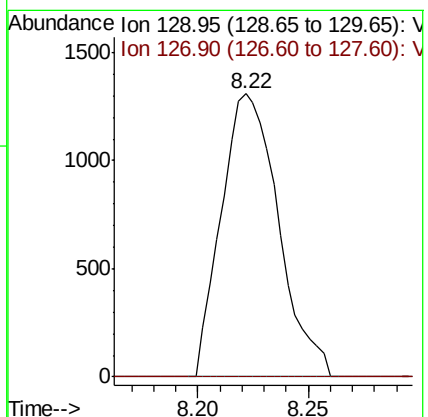
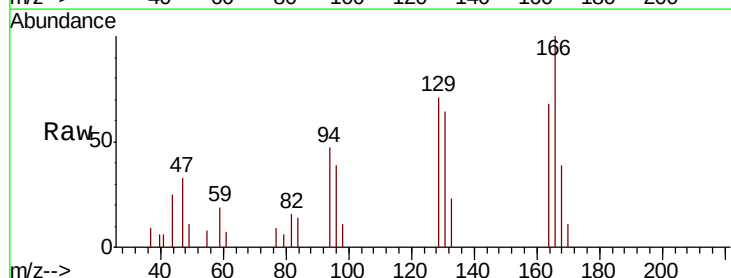
Instrument :
MSVOA_U
ClientSampleId :
GALD9

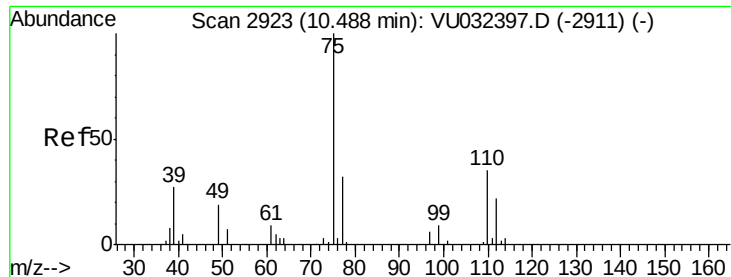
Tgt Ion: 43 Resp: 10705
Ion Ratio Lower Upper
43 100
58 23.0 41.3 61.9#
57 21.8 14.5 21.7#
100 0.0 8.2 12.2#



#49
Dibromochloromethane
Concen: 0.172 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU032416.D
Acq: 04 Jun 2019 00:43

Tgt Ion: 129 Resp: 2358
Ion Ratio Lower Upper
129 100
127 0.0 52.6 97.8#





#59

1,2,3-Trichloropropane

Concen: 0.584 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032416.D

Acq: 04 Jun 2019 00:43

Instrument :

MSVOA_U

ClientSampleId :

GALD9

Tgt Ion: 75 Resp: 6022

Ion Ratio Lower Upper

75 100

77 42.6 26.1 39.1#

