

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU060319\
 Data File : VU032418.D
 Acq On : 04 Jun 2019 01:32
 Operator : JC/SP
 Sample : K3081-11MSD
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GALD9MSD

Quant Time: Jun 04 09:01:17 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	102646	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.08	117	96614	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	43781	5.00	ug/L	0.00

System Monitoring Compounds

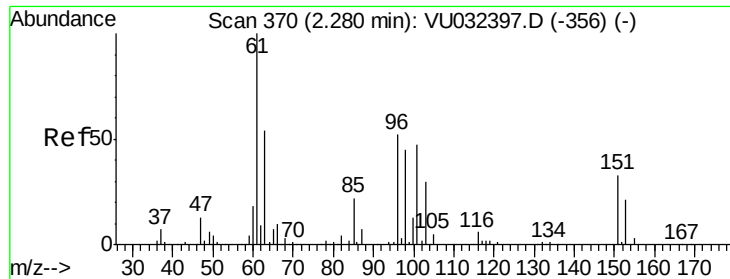
4) Vinyl Chloride-d3	1.40	65	40746	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.67	69	34828	3.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	67.40%
11) 1,1-Dichloroethene-d2	2.27	63	86972	3.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.20%
20) 2-Butanone-d5	4.18	46	110830	49.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.86%
24) Chloroform-d	4.64	84	65297	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	5.30	65	40729	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
32) Benzene-d6	5.33	84	133327	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.32	67	44680	4.99	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.80%
41) Toluene-d8	7.56	98	123637	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.85	79	19408	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.31	63	95478	51.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.26%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	36744	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.85	152	42229	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	2.28	96	37549	2.661	ug/L #	81
22) cis-1,2-Dichloroethene	4.21	96	5922	0.391	ug/L	98
33) Benzene	5.38	78	144406	2.559	ug/L	100
34) Trichloroethene	6.18	95	204636	13.374	ug/L	98
35) Methylcyclohexane	6.32	83	10312	0.404	ug/L #	17
37) 1,2-Dichloropropane	6.32	63	4958	0.323	ug/L #	90
42) Toluene	7.63	91	155603	2.559	ug/L	99
47) Tetrachloroethene	8.22	164	2043	0.191	ug/L	91
49) Dibromochloromethane	8.22	129	2054	0.154	ug/L #	12
51) Chlorobenzene	9.12	112	93311	2.436	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	6272	0.628	ug/L #	86

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

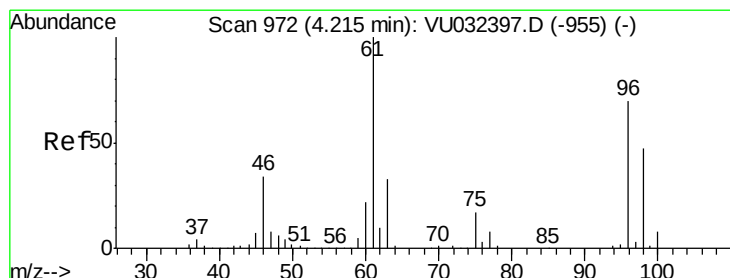
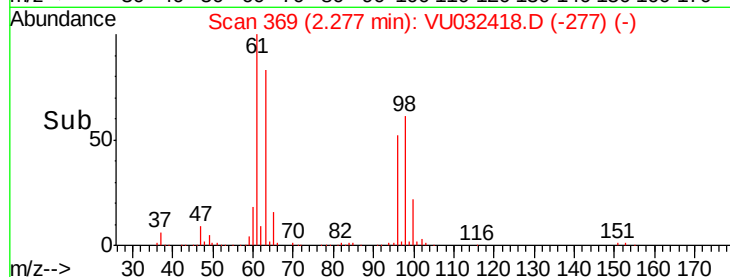
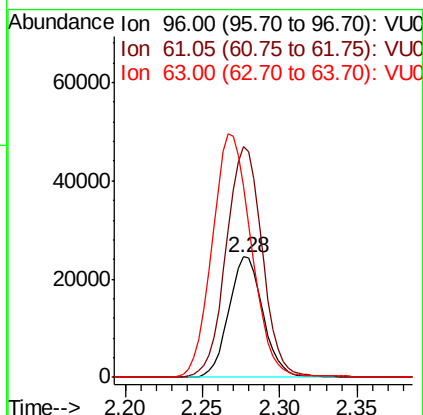
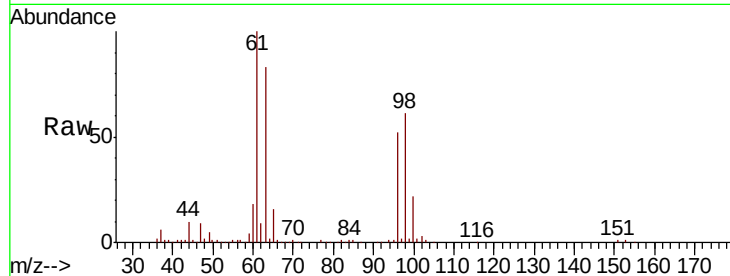
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_U\DATA\VU060319\
Data File : VU032418.D
Acq On : 04 Jun 2019 01:32
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Sample : K3081-11MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1



#12
 1,1-Dichloroethene
 Concen: 2.661 ug/L
 RT: 2.28 min Scan# 369
 Delta R.T. -0.00 min
 Lab File: VU032418.D
 Acq: 04 Jun 2019 01:32

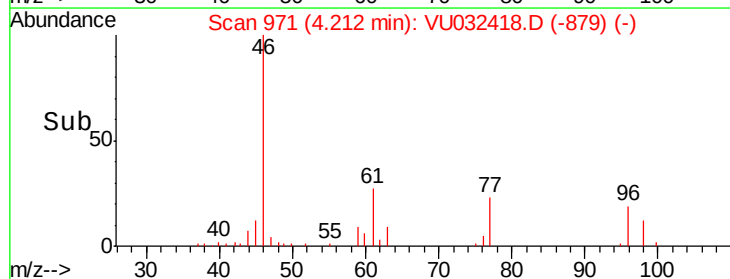
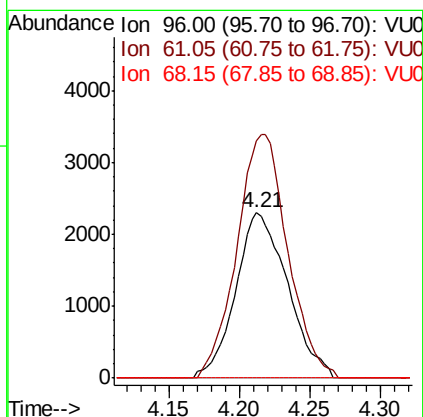
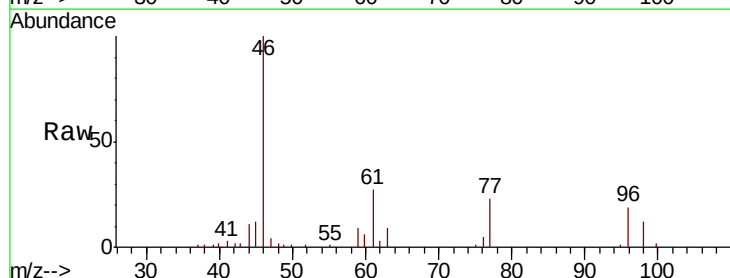
Instrument :
 MSVOA_U
 ClientSampleId :
 GALD9MSD

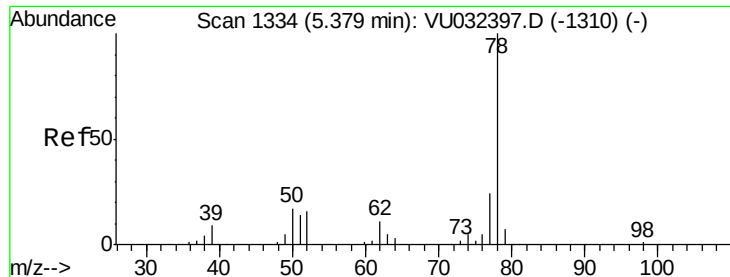
Tgt Ion: 96 Resp: 37549
 Ion Ratio Lower Upper
 96 100
 61 191.0 133.6 248.0
 63 158.1 72.4 134.4#



#22
 cis-1,2-Dichloroethene
 Concen: 0.391 ug/L
 RT: 4.21 min Scan# 971
 Delta R.T. -0.00 min
 Lab File: VU032418.D
 Acq: 04 Jun 2019 01:32

Tgt Ion: 96 Resp: 5922
 Ion Ratio Lower Upper
 96 100
 61 143.9 99.0 183.8
 68 0.0 0.0 0.0

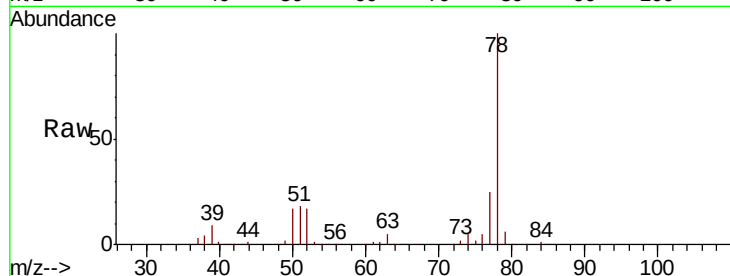




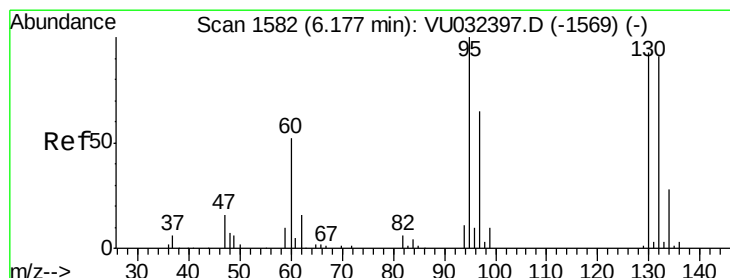
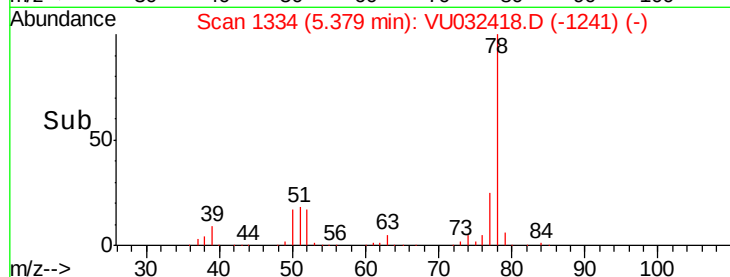
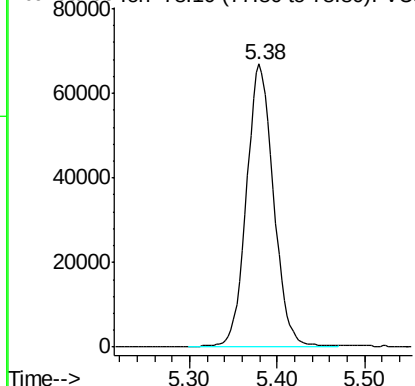
#33
Benzene
Concen: 2.559 ug/L
RT: 5.38 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VU032418.D
Acq: 04 Jun 2019 01:32

Instrument :
MSVOA_U
ClientSampleId :
GALD9MSD

Tgt Ion: 78 Resp: 144406



Abundance Ion 78.10 (77.80 to 78.80): VU0



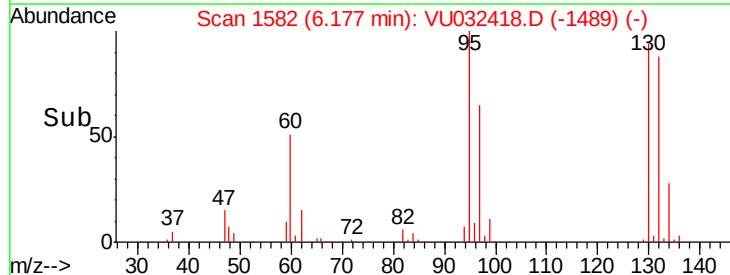
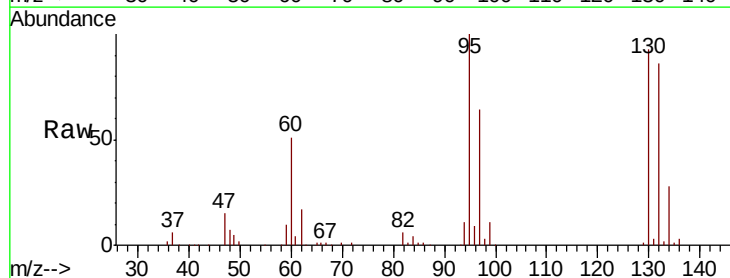
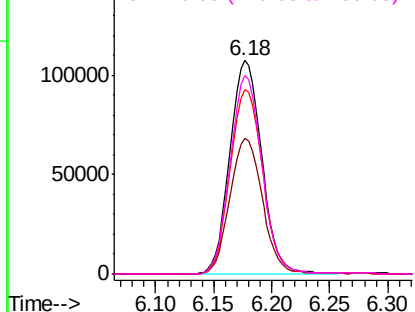
#34
Trichloroethene
Concen: 13.374 ug/L
RT: 6.18 min Scan# 1582
Delta R.T. 0.00 min
Lab File: VU032418.D
Acq: 04 Jun 2019 01:32

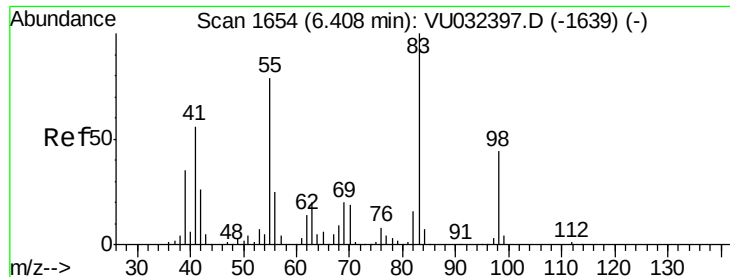
Tgt Ion: 95 Resp: 204636

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.8	85.0
132	86.4	63.1	117.1
130	93.2	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

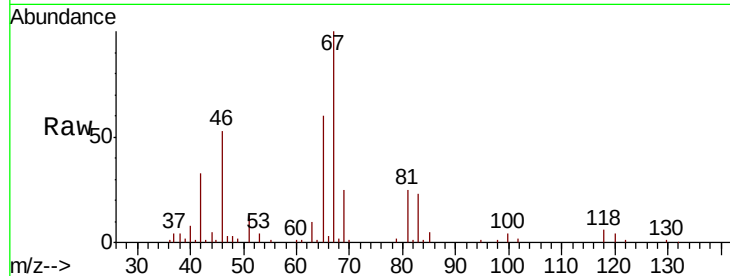




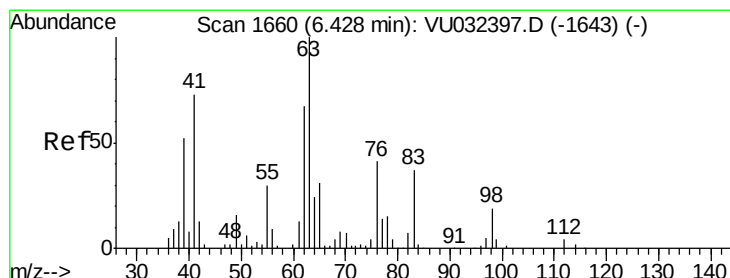
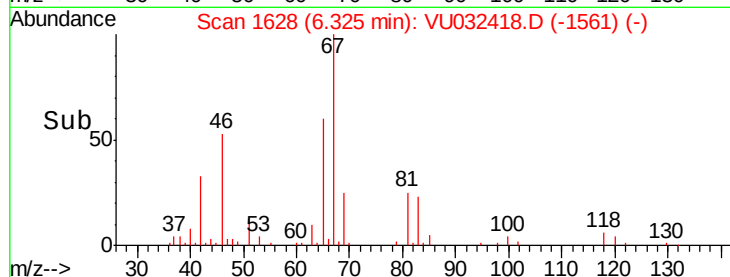
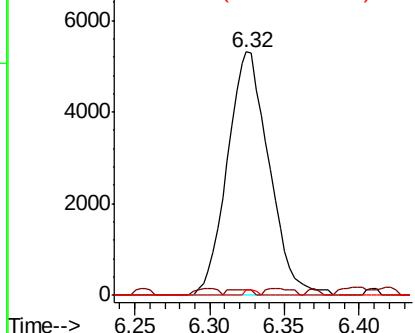
#35
Methylcyclohexane
Concen: 0.404 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.08 min
Lab File: VU032418.D
Acq: 04 Jun 2019 01:32

Instrument :
MSVOA_U
ClientSampleId :
GALD9MSD

Tgt Ion: 83 Resp: 10312
Ion Ratio Lower Upper
83 100
55 0.6 64.7 97.1#
98 0.0 35.9 53.9#

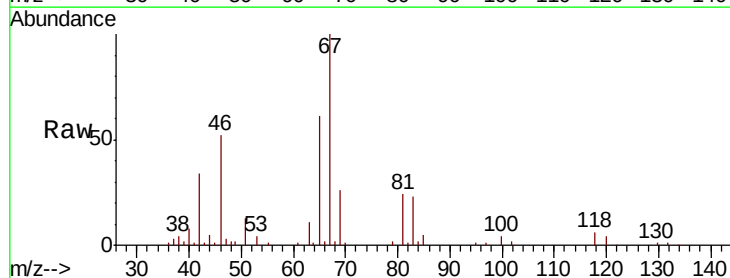


Abundance Ion 83.15 (82.85 to 83.85): VU0
Ion 55.10 (54.80 to 55.80): VU0
Ion 98.15 (97.85 to 98.85): VU0

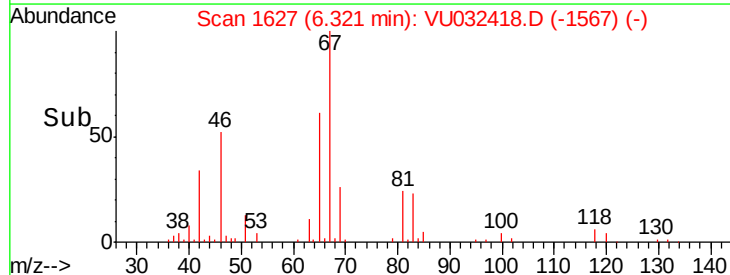
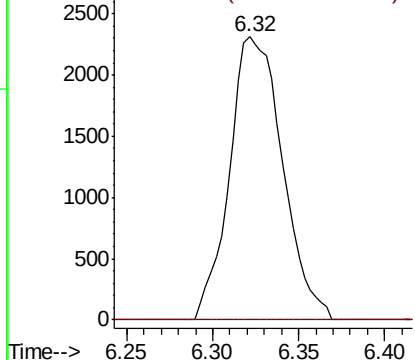


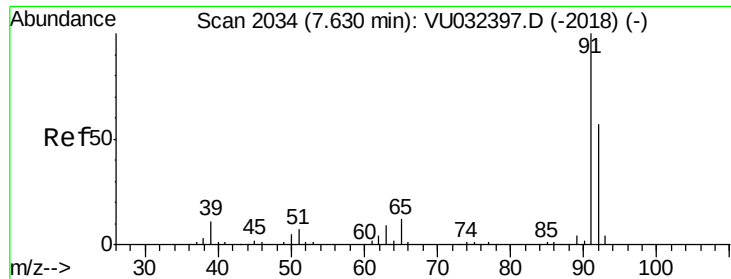
#37
1,2-Dichloropropane
Concen: 0.323 ug/L
RT: 6.32 min Scan# 1627
Delta R.T. -0.11 min
Lab File: VU032418.D
Acq: 04 Jun 2019 01:32

Tgt Ion: 63 Resp: 4958
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





#42

Toluene

Concen: 2.559 ug/L

RT: 7.63 min Scan# 2034

Delta R.T. 0.00 min

Lab File: VU032418.D

Acq: 04 Jun 2019 01:32

Instrument :

MSVOA_U

ClientSampleId :

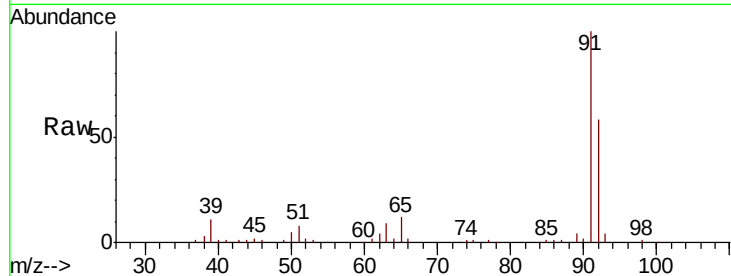
GALD9MSD

Tgt Ion: 91 Resp: 155603

Ion Ratio Lower Upper

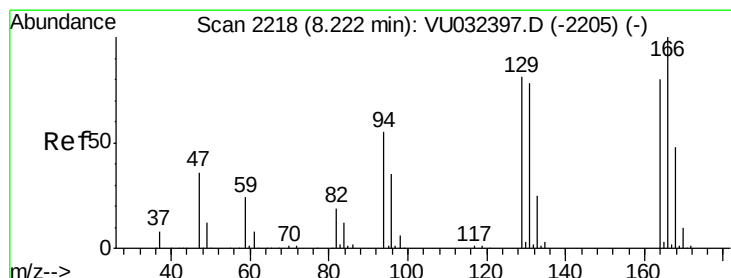
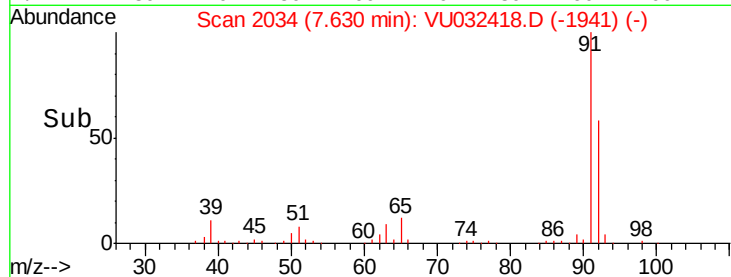
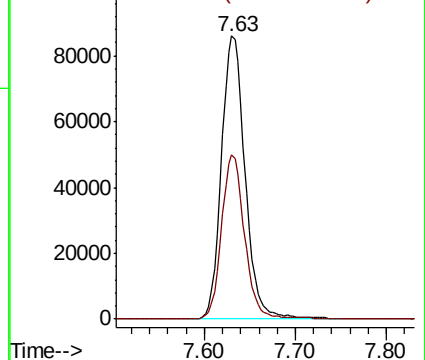
91 100

92 58.0 40.0 74.2



Abundance Ion 91.15 (90.85 to 91.85): VU032418.D (-2141) (-)

Ion 92.15 (91.85 to 92.85): VU032418.D (-2141) (-)



#47

Tetrachloroethene

Concen: 0.191 ug/L

RT: 8.22 min Scan# 2218

Delta R.T. 0.00 min

Lab File: VU032418.D

Acq: 04 Jun 2019 01:32

Tgt Ion: 164 Resp: 2043

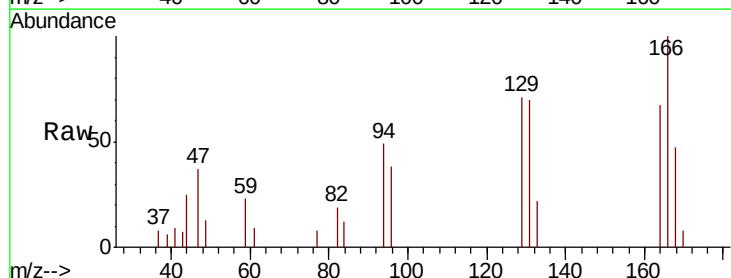
Ion Ratio Lower Upper

164 100

129 105.9 72.1 133.9

131 104.3 71.9 133.5

166 149.0 89.0 165.4

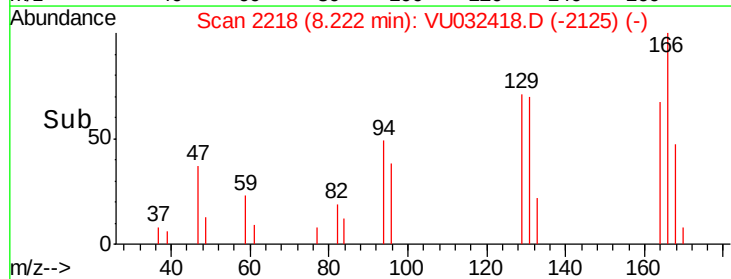
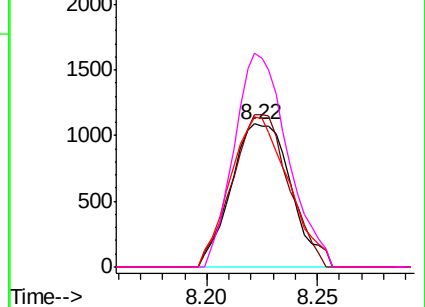


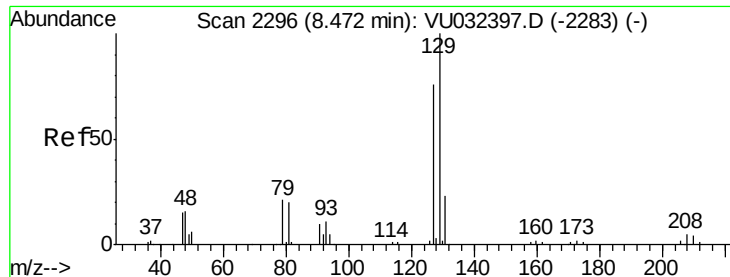
Abundance Ion 163.90 (163.60 to 164.60): VU032418.D (-2125) (-)

Ion 128.95 (128.65 to 129.65): VU032418.D (-2125) (-)

Ion 130.95 (130.65 to 131.65): VU032418.D (-2125) (-)

Ion 165.90 (165.60 to 166.60): VU032418.D (-2125) (-)





#49

Dibromochloromethane

Concen: 0.154 ug/L

RT: 8.22 min Scan# 2219

Delta R.T. -0.25 min

Lab File: VU032418.D

Acq: 04 Jun 2019 01:32

Instrument :

MSVOA_U

ClientSampleId :

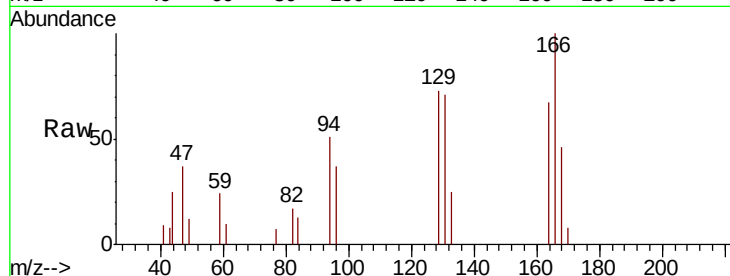
GALD9MSD

Tgt Ion:129 Resp: 2054

Ion Ratio Lower Upper

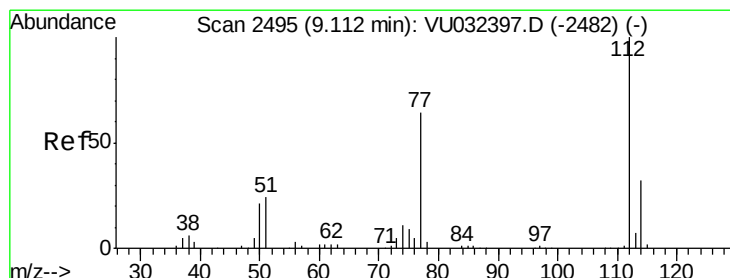
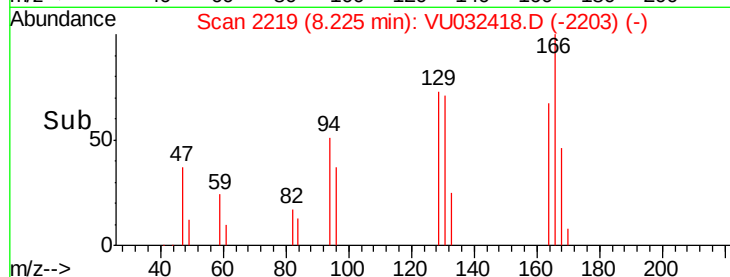
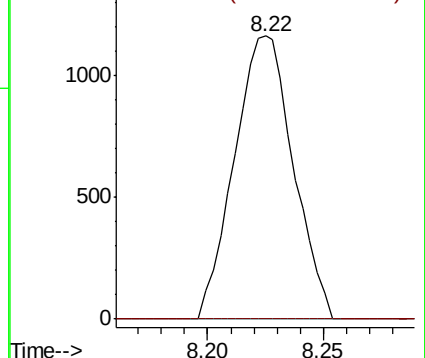
129 100

127 0.0 52.6 97.8#



Abundance Ion 128.95 (128.65 to 129.65): V

Ion 126.90 (126.60 to 127.60): V



#51

Chlorobenzene

Concen: 2.436 ug/L

RT: 9.12 min Scan# 2496

Delta R.T. 0.00 min

Lab File: VU032418.D

Acq: 04 Jun 2019 01:32

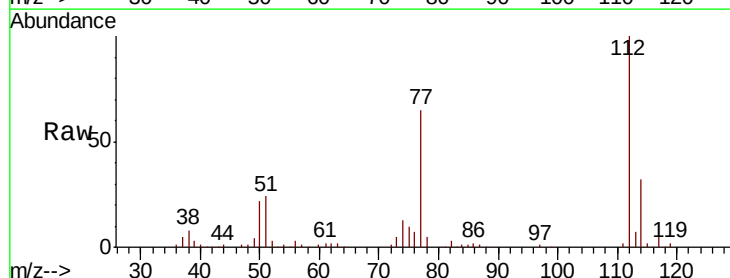
Tgt Ion:112 Resp: 93311

Ion Ratio Lower Upper

112 100

114 31.7 22.1 41.1

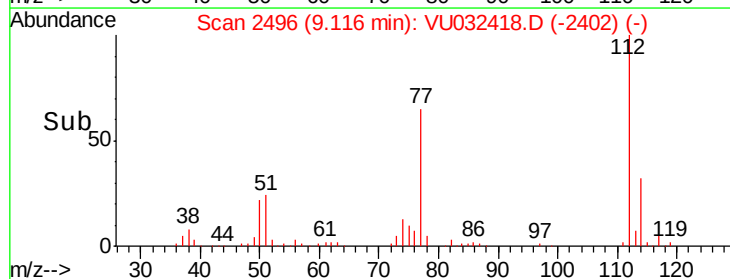
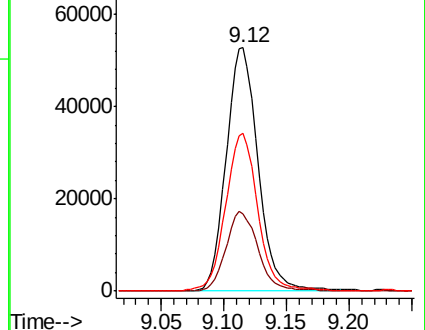
77 64.8 51.0 76.6

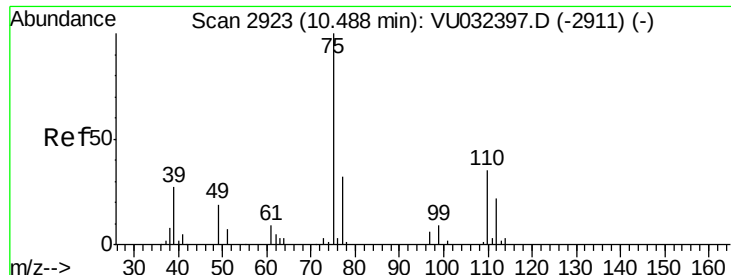


Abundance Ion 112.10 (111.80 to 112.80): V

Ion 114.05 (113.75 to 114.75): V

Ion 77.10 (76.80 to 77.80): VU0





#59

1,2,3-Trichloropropane

Concen: 0.628 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU032418.D

Acq: 04 Jun 2019 01:32

Instrument :

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ClientSampleId :

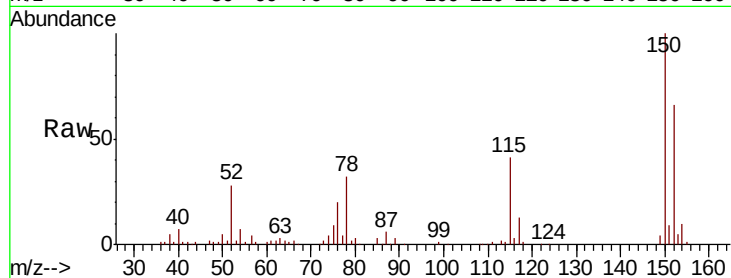
GALD9MSD

Tgt Ion: 75 Resp: 6272

Ion Ratio Lower Upper

75 100

77 40.5 26.1 39.1#



Abundance Ion 75.00 (74.70 to 75.70): VU0

Ion 77.00 (76.70 to 77.70): VU0

