

Data File : VU033176.D
Acq On : 03 Jul 2019 16:53
Operator : JC/SP
Sample : K3598-07DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAM85DL

Quant Time: Jul 04 01:24:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Jul 04 01:20:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	81448	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	86253	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	38044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	22777	4.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.60%
7) Chloroethane-d5	1.68	69	21567	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.27	63	38984	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	4.19	46	88518	51.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.14%
24) Chloroform-d	4.64	84	54581	4.93	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.60%
26) 1,2-Dichloroethane-d4	5.31	65	33238	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
32) Benzene-d6	5.33	84	98075	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.80%
36) 1,2-Dichloropropane-d6	6.32	67	33262	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.56	98	83023	4.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.40%
43) trans-1,3-Dichloropropene-	7.85	79	12418	4.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	83.80%
46) 2-Hexanone-d5	8.31	63	54891	44.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.92%
57) 1,1,2,2-Tetrachloroethane-	10.43	84	29637	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.00%
64) 1,2-Dichlorobenzene-d4	11.85	152	35878	5.24	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.80%

Target Compounds

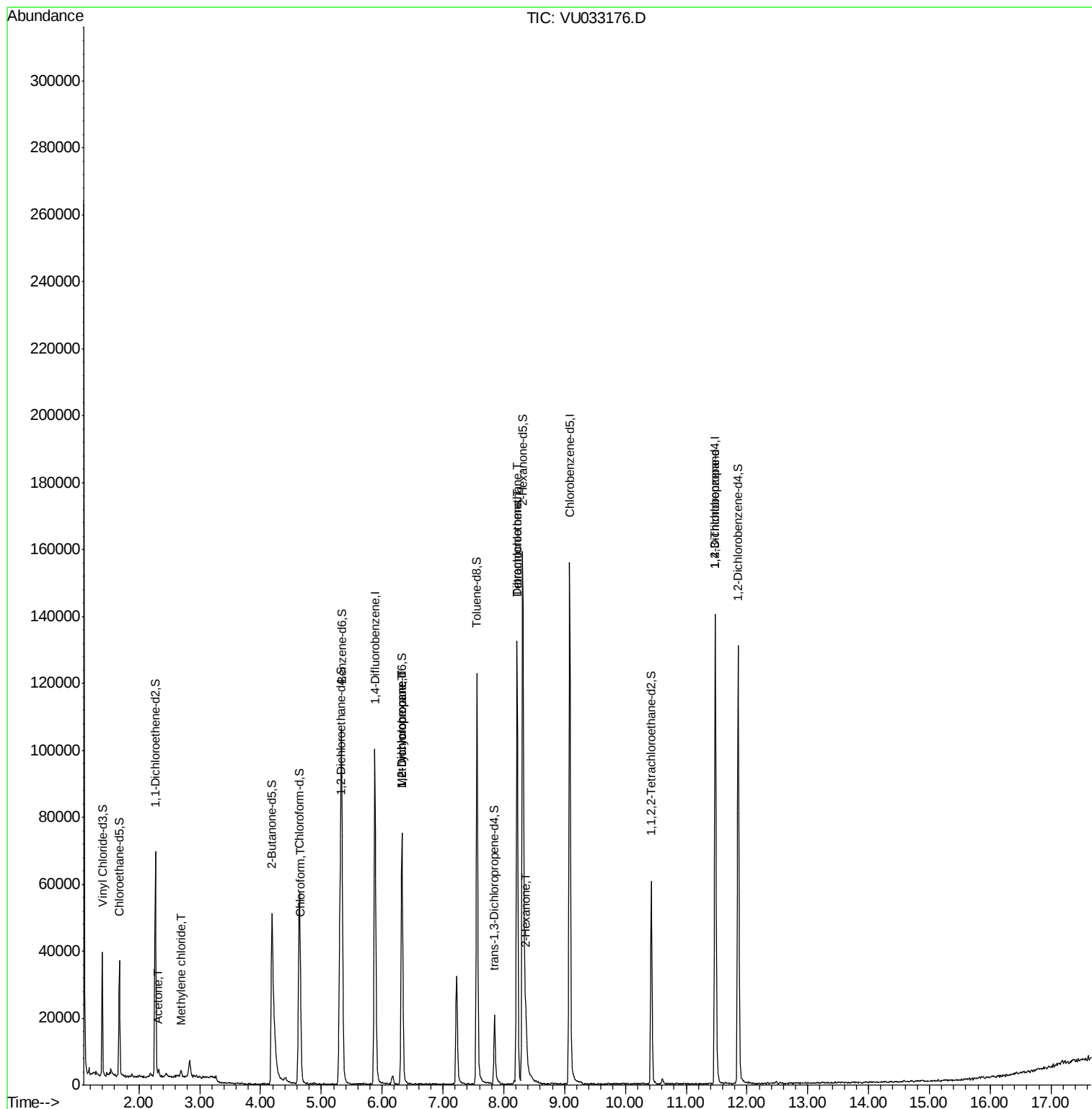
					Qvalue
13) Acetone	2.32	43	1704	1.235	ug/L 87
16) Methylene chloride	2.69	84	771	0.123	ug/L 74
25) Chloroform	4.67	83	2054	0.158	ug/L 98
35) Methylcyclohexane	6.33	83	7926	0.768	ug/L # 16
37) 1,2-Dichloropropane	6.33	63	4029	0.576	ug/L # 88
47) Tetrachloroethene	8.22	164	28615	4.968	ug/L 98
48) 2-Hexanone	8.36	43	8493	2.412	ug/L # 51
49) Dibromochloromethane	8.22	129	26852	4.378	ug/L # 13
59) 1,2,3-Trichloropropane	11.48	75	5064	1.064	ug/L 92

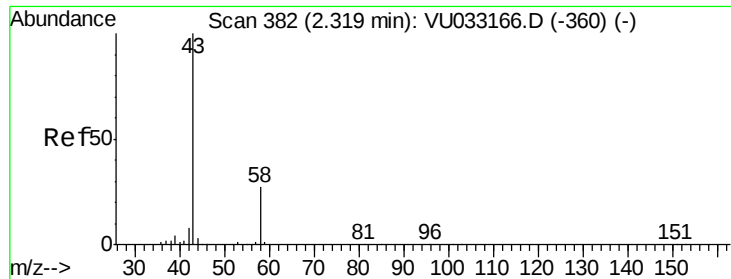
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 1.235 ug/L

RT: 2.32 min Scan# 383

Delta R.T. 0.00 min

Lab File: VU033176.D

Acq: 03 Jul 2019 16:53

Instrument :

MSVOA_U

ClientSampleId :

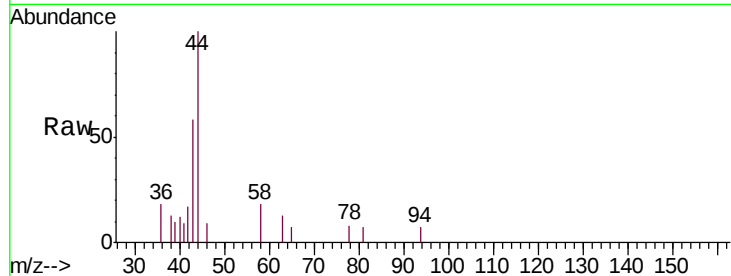
GAM85DL

Tgt Ion: 43 Resp: 1704

Ion Ratio Lower Upper

43 100

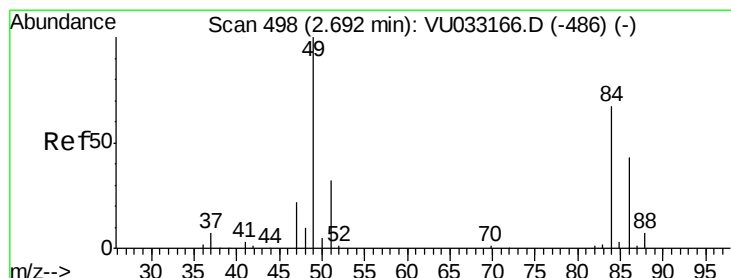
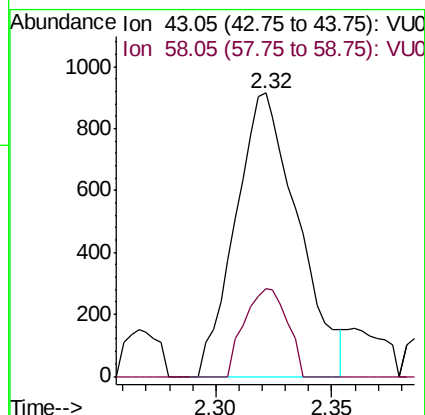
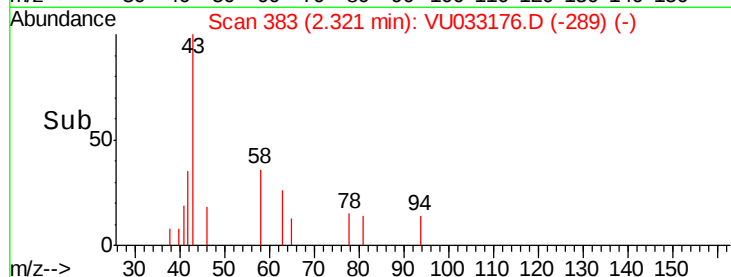
58 21.1 0.0 55.4



Abundance Ion 43.05 (42.75 to 43.75): VU033176.D (-360) (-)

Ion 58.05 (57.75 to 58.75): VU033176.D (-360) (-)

Time-->



#16

Methylene chloride

Concen: 0.123 ug/L

RT: 2.69 min Scan# 498

Delta R.T. -0.00 min

Lab File: VU033176.D

Acq: 03 Jul 2019 16:53

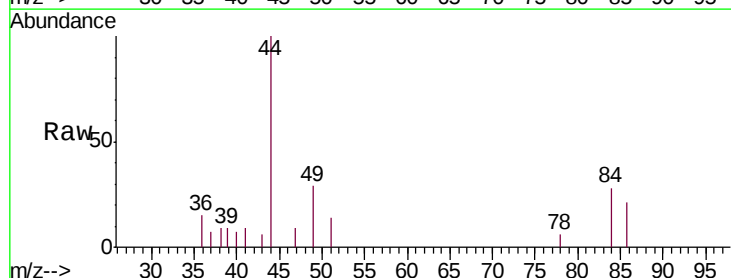
Tgt Ion: 84 Resp: 771

Ion Ratio Lower Upper

84 100

86 75.1 42.8 79.6

49 106.0 99.5 184.9

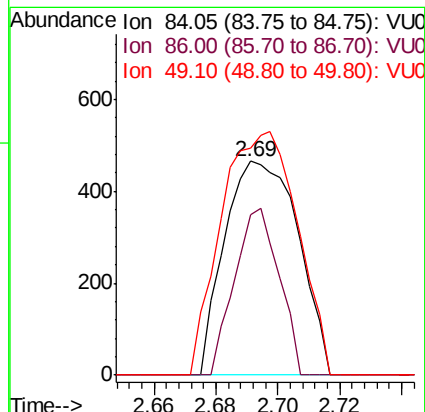
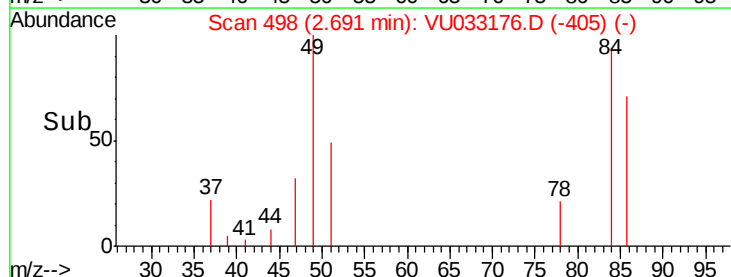


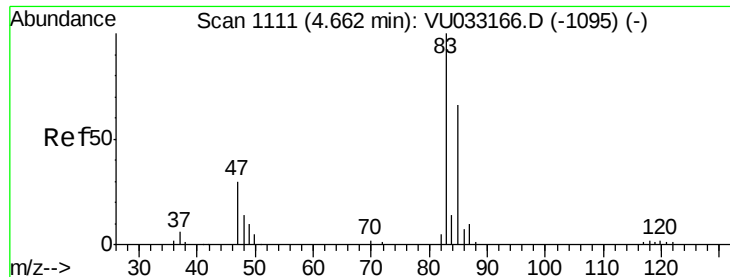
Abundance Ion 84.05 (83.75 to 84.75): VU033176.D (-405) (-)

Ion 86.00 (85.70 to 86.70): VU033176.D (-405) (-)

Ion 49.10 (48.80 to 49.80): VU033176.D (-405) (-)

Time-->

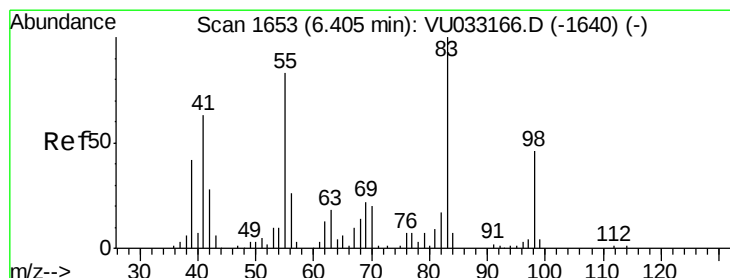
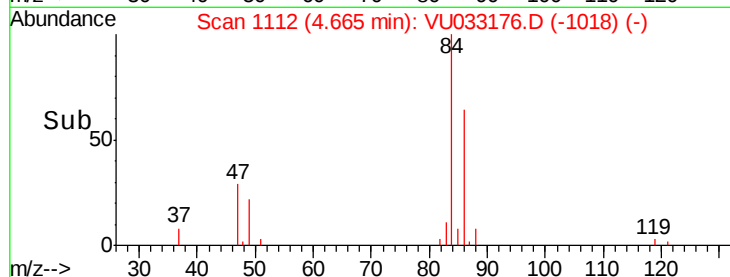
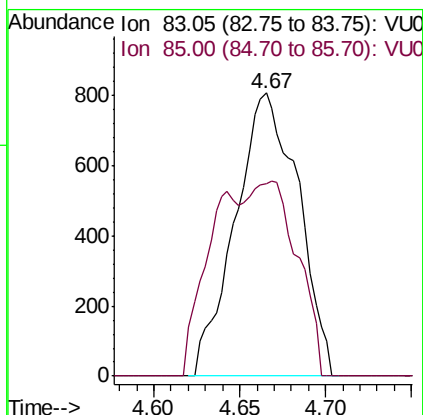
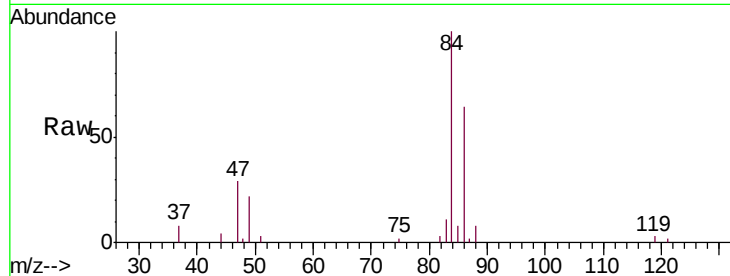




#25
Chloroform
Concen: 0.158 ug/L
RT: 4.67 min Scan# 1112
Delta R.T. 0.00 min
Lab File: VU033176.D
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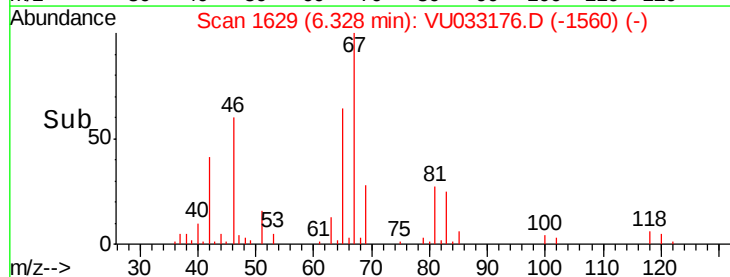
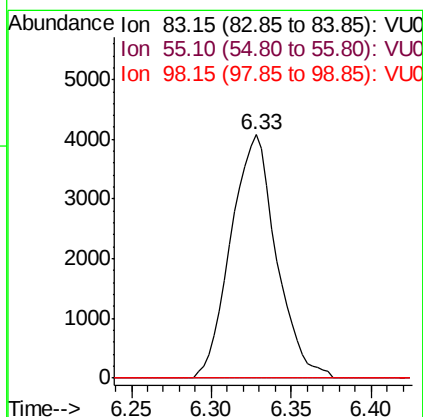
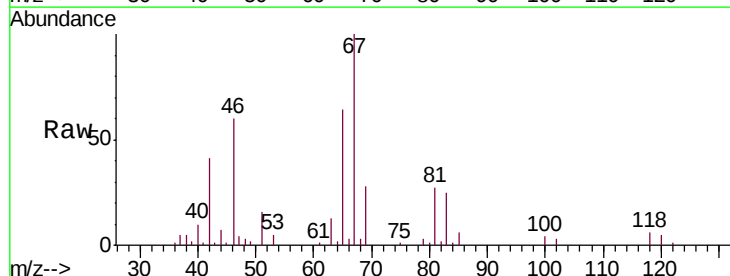
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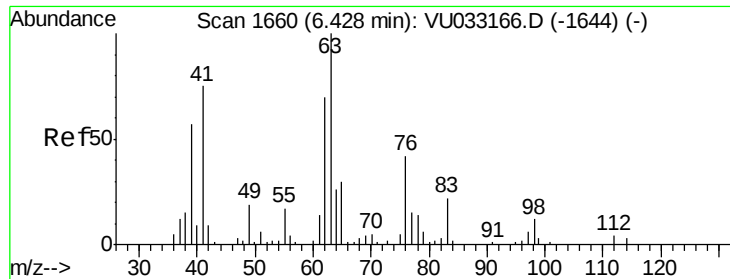
Tgt Ion: 83 Resp: 2054
Ion Ratio Lower Upper
83 100
85 68.0 46.6 86.6



#35
Methylcyclohexane
Concen: 0.768 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU033176.D
Acq: 03 Jul 2019 16:53

Tgt Ion: 83 Resp: 7926
Ion Ratio Lower Upper
83 100
55 0.0 66.5 99.7#
98 0.3 37.1 55.7#

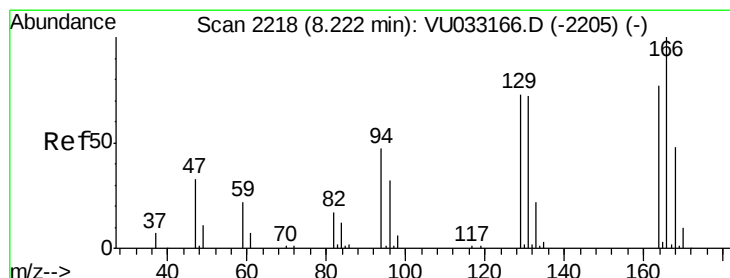
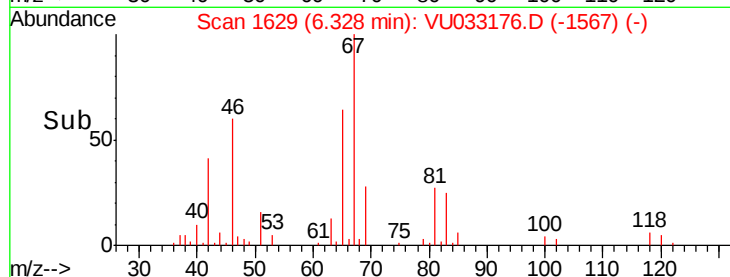
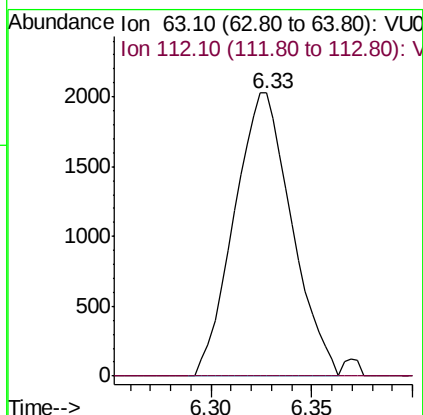
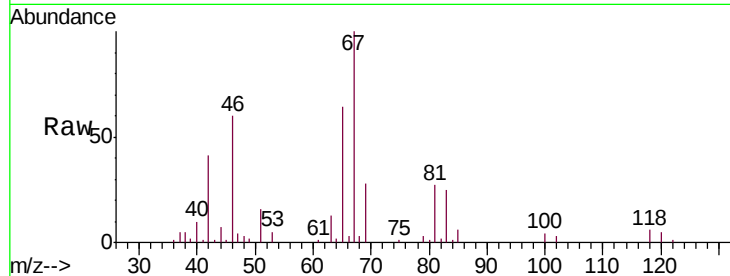




#37
 1,2-Dichloropropane
 Concen: 0.576 ug/L
 RT: 6.33 min Scan# 1629
 Delta R.T. -0.10 min
 Lab File: VU033176.D
 Acq: 03 Jul 2019 16:53

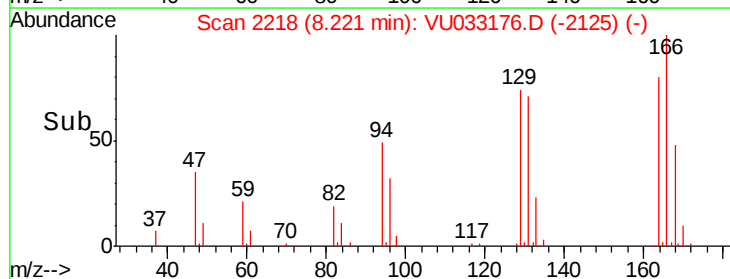
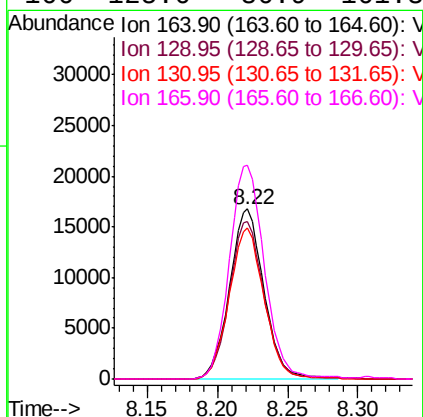
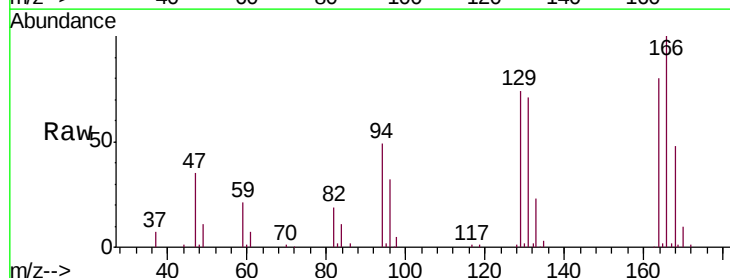
Instrument :
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 GAM85DL

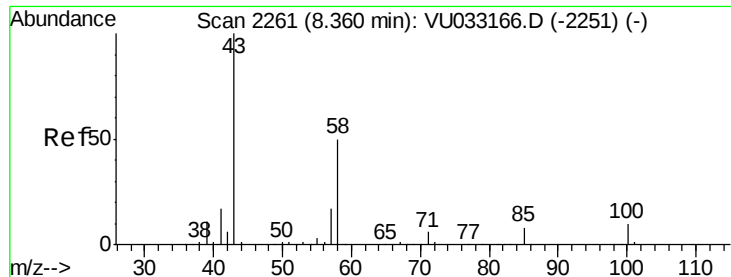
Tgt Ion: 63 Resp: 4029
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.0 4.6#



#47
 Tetrachloroethene
 Concen: 4.968 ug/L
 RT: 8.22 min Scan# 2218
 Delta R.T. -0.00 min
 Lab File: VU033176.D
 Acq: 03 Jul 2019 16:53

Tgt Ion: 164 Resp: 28615
 Ion Ratio Lower Upper
 164 100
 129 92.7 65.3 121.3
 131 89.0 60.3 112.1
 166 125.6 86.9 161.3

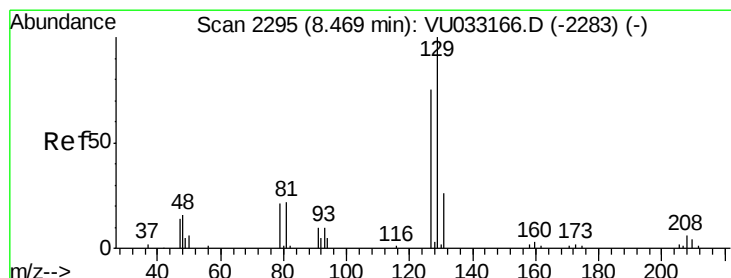
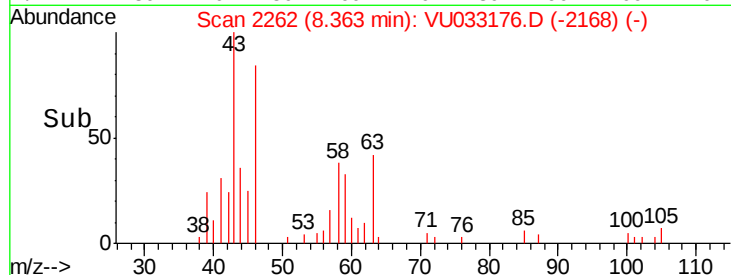
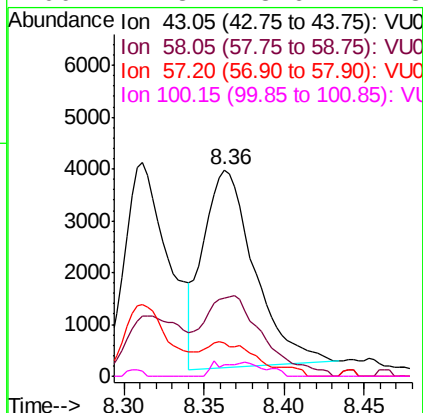
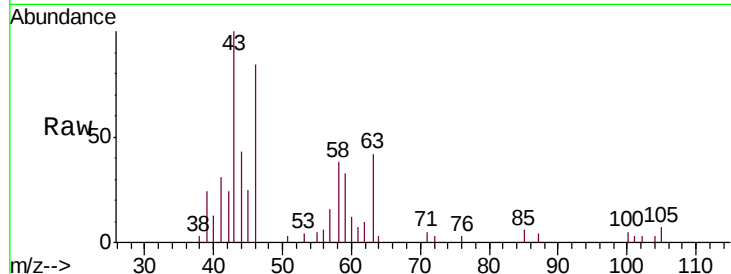




#48
2-Hexanone
Concen: 2.412 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU033176.D
Acq: 03 Jul 2019 16:53

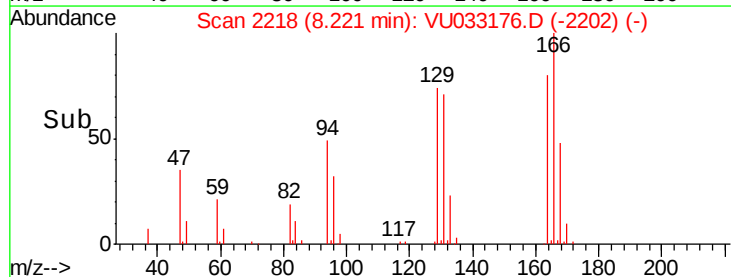
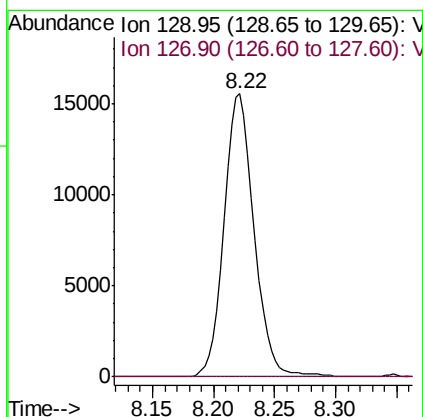
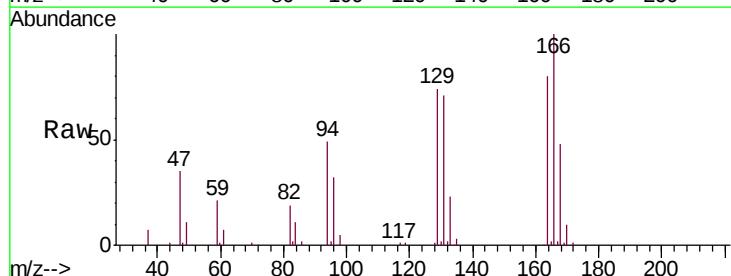
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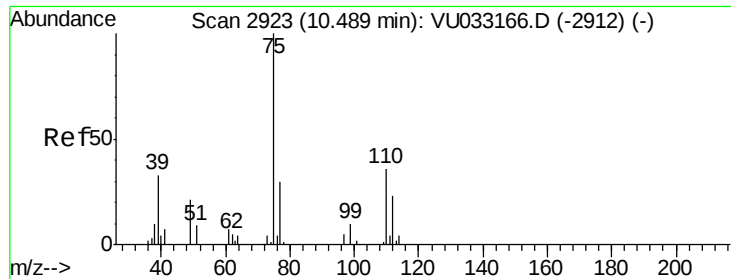
Tgt Ion: 43 Resp: 8493
Ion Ratio Lower Upper
43 100
58 0.0 39.0 58.6#
57 18.8 13.9 20.9
100 2.3 8.6 12.8#



#49
Dibromochloromethane
Concen: 4.378 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.25 min
Lab File: VU033176.D
Acq: 03 Jul 2019 16:53

Tgt Ion: 129 Resp: 26852
Ion Ratio Lower Upper
129 100
127 0.0 51.6 95.8#





#59

1,2,3-Trichloropropane

Concen: 1.064 ug/L

RT: 11.48 min Scan# 3231

Delta R.T. 0.99 min

Lab File: VU033176.D

Acq: 03 Jul 2019 16:53

Instrument :

MSVOA_U

ClientSampleId :

GAM85DL

Tgt Ion: 75 Resp: 5064

Ion Ratio Lower Upper

75 100

77 36.7 25.8 38.8

