

Data File : VV012616.D
Acq On : 06 Sep 2019 23:32
Operator : SY/MD
Sample : K4685-14DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD83DL

Quant Time: Sep 07 01:13:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Sep 07 01:06:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136353	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	138019	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	47108	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63030	4.94	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.80%
7) Chloroethane-d5	1.58	69	60929	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	104317	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.97	46	143181	57.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.14%
24) Chloroform-d	4.40	84	104390	5.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.60%
26) 1,2-Dichloroethane-d4	5.08	65	57547	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.60%
32) Benzene-d6	5.10	84	183347	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.00%
36) 1,2-Dichloropropane-d6	6.12	67	63729	5.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	113.80%
41) Toluene-d8	7.36	98	139698	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.60%
43) trans-1,3-Dichloropropene-	7.66	79	18093	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.14	63	71049	47.24	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.48%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	44085	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	46303	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%

Target Compounds

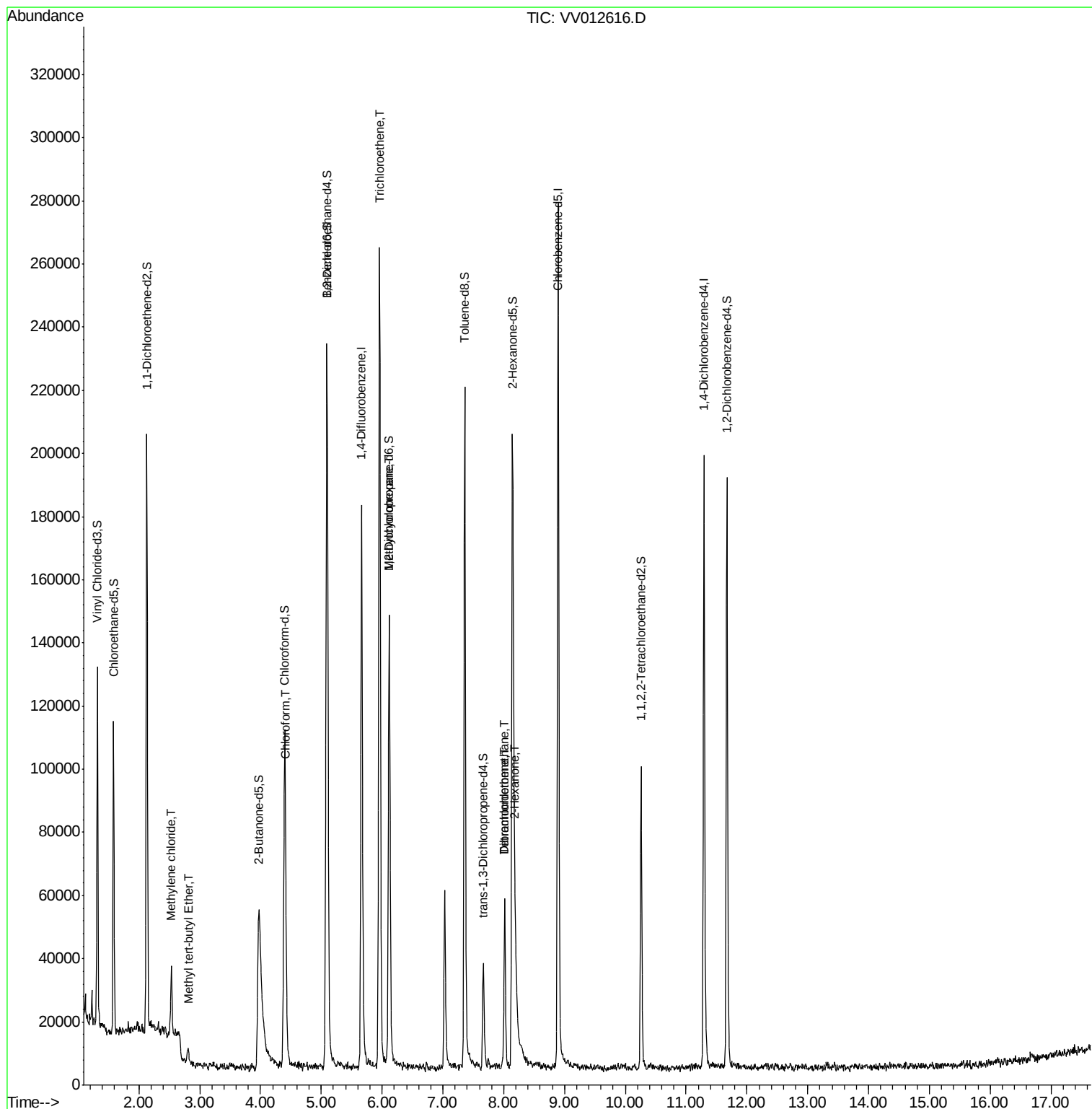
					Qvalue
16) Methylene chloride	2.53	84	8322	0.442 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	4698	0.179 ug/L #	69
25) Chloroform	4.42	83	4470	0.166 ug/L	79
34) Trichloroethene	5.96	95	86002	6.179 ug/L	98
35) Methylcyclohexane	6.12	83	15153	0.729 ug/L #	16
47) Tetrachloroethene	8.02	164	10401	1.025 ug/L	96
48) 2-Hexanone	8.19	43	16645	3.021 ug/L #	92
49) Dibromochloromethane	8.02	129	9774	0.971 ug/L #	12

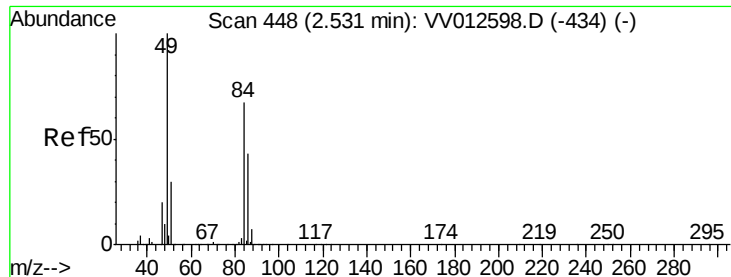
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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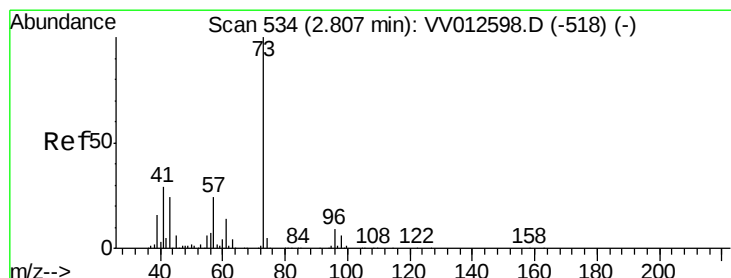
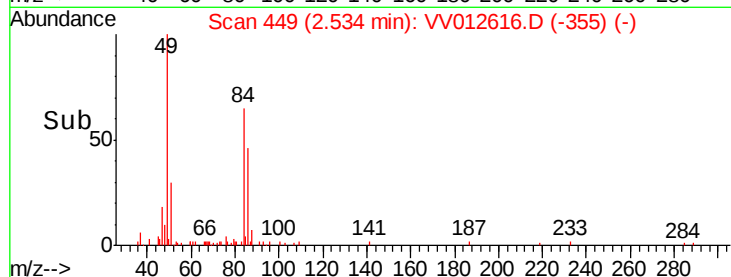
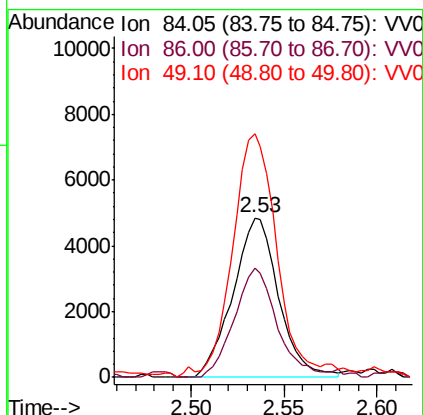
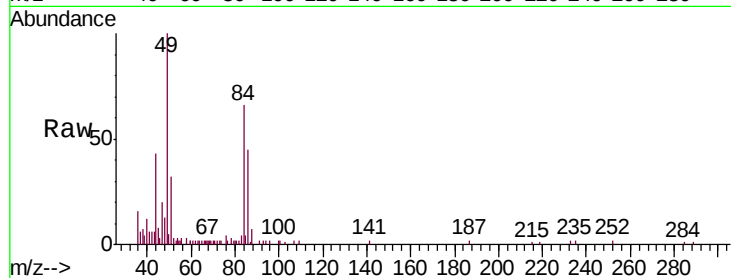




#16
Methylene chloride
Concen: 0.442 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV012616.D
Acq: 06 Sep 2019 23:32

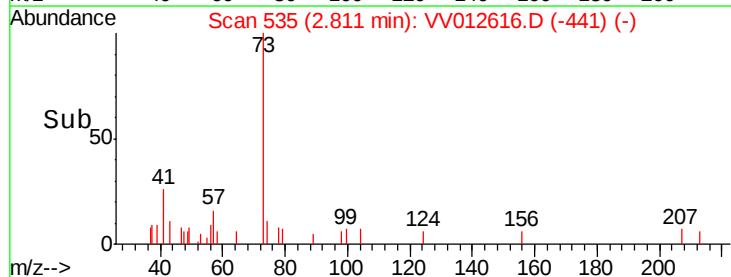
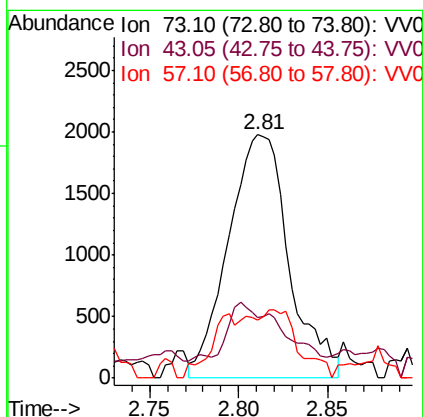
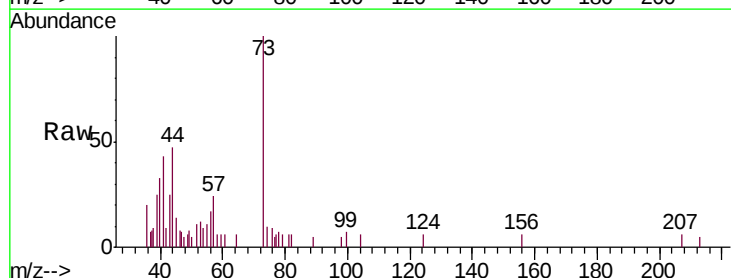
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BFD83DL

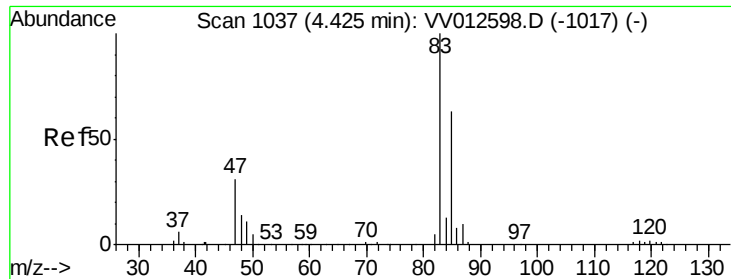
Tgt Ion: 84 Resp: 8322
Ion Ratio Lower Upper
84 100
86 68.5 43.6 81.0
49 152.5 103.0 191.2



#17
Methyl tert-butyl Ether
Concen: 0.179 ug/L
RT: 2.81 min Scan# 535
Delta R.T. 0.00 min
Lab File: VV012616.D
Acq: 06 Sep 2019 23:32

Tgt Ion: 73 Resp: 4698
Ion Ratio Lower Upper
73 100
43 0.0 18.9 28.3#
57 16.7 18.9 28.3#

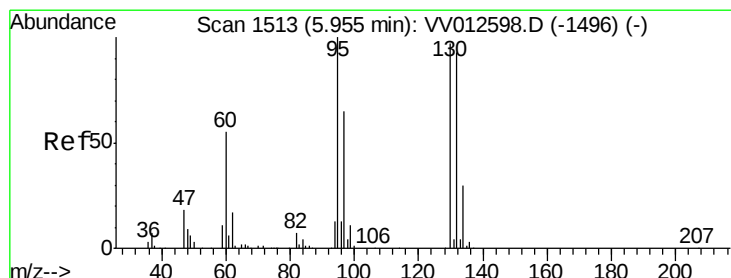
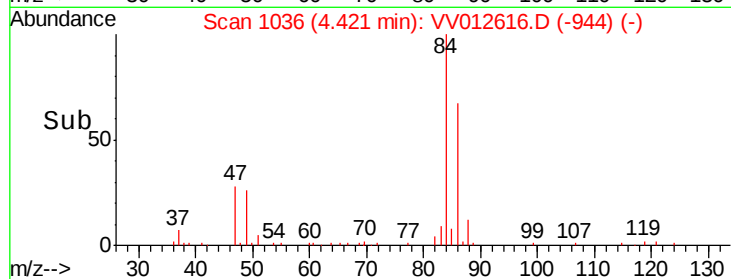
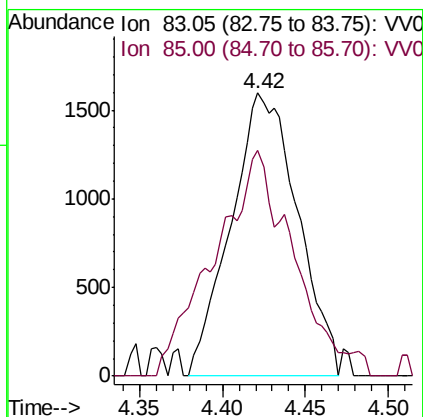
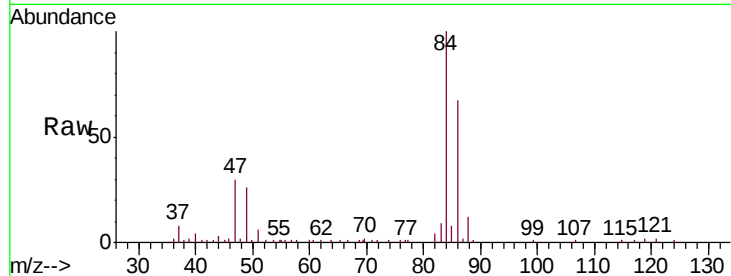




#25
Chloroform
Concen: 0.166 ug/L
RT: 4.42 min Scan# 1036
Delta R.T. -0.00 min
Lab File: VV012616.D
Acq: 06 Sep 2019 23:32

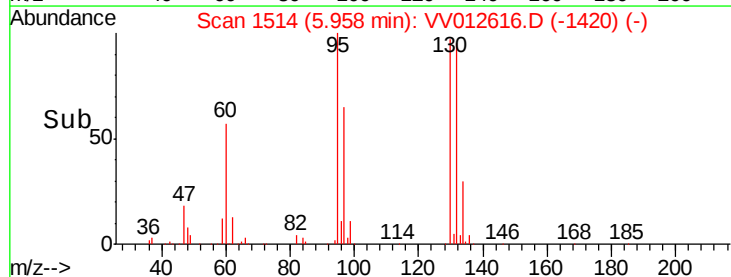
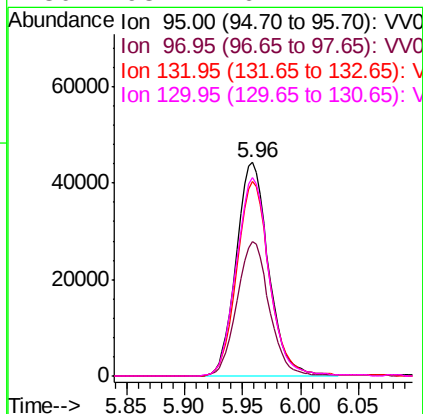
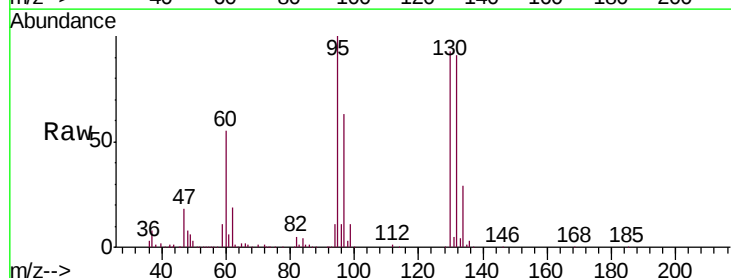
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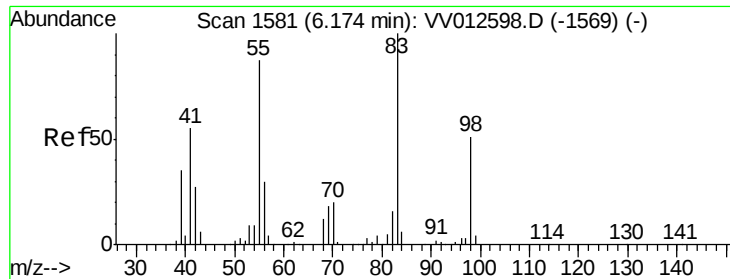
Tgt Ion: 83 Resp: 4470
Ion Ratio Lower Upper
83 100
85 79.8 44.4 82.5



#34
Trichloroethene
Concen: 6.179 ug/L
RT: 5.96 min Scan# 1514
Delta R.T. 0.00 min
Lab File: VV012616.D
Acq: 06 Sep 2019 23:32

Tgt Ion: 95 Resp: 86002
Ion Ratio Lower Upper
95 100
97 62.7 43.9 81.5
132 91.4 64.8 120.4
130 93.1 67.1 124.7

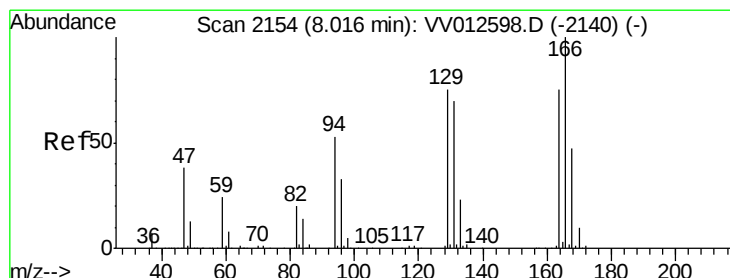
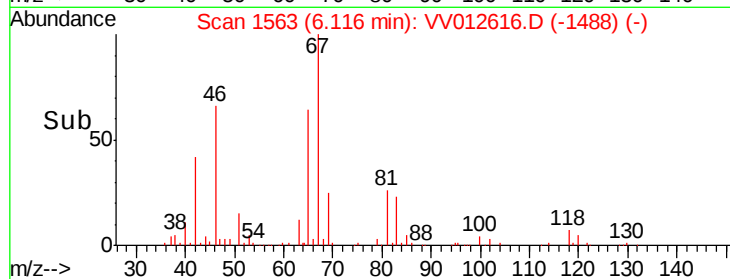
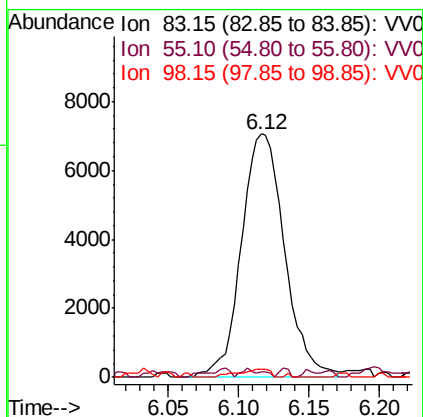
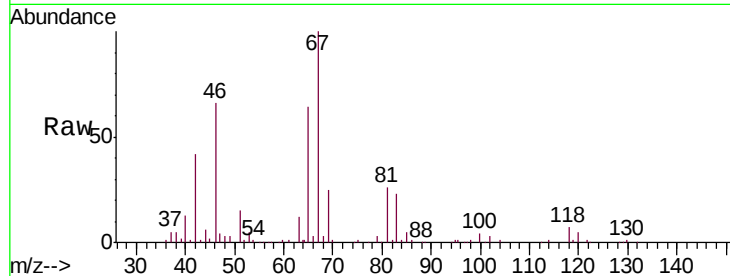




#35
Methylcyclohexane
Concen: 0.729 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012616.D
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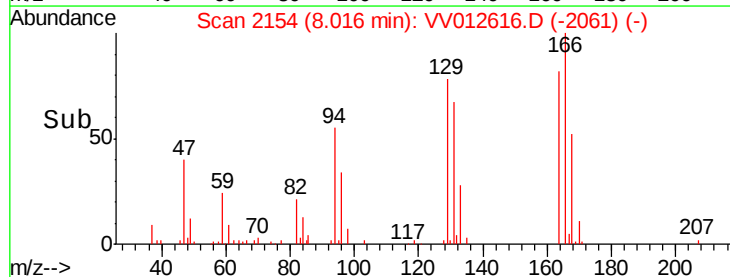
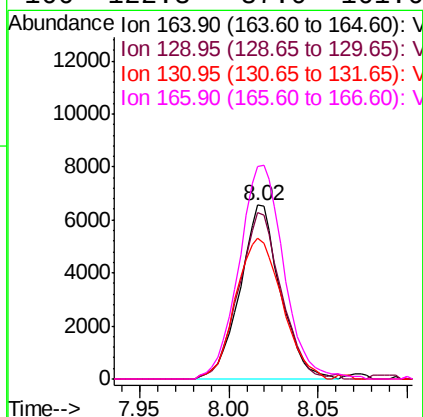
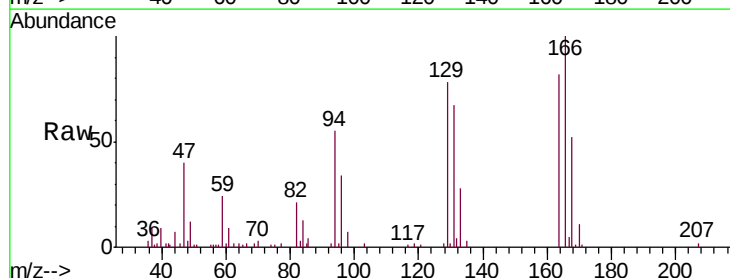
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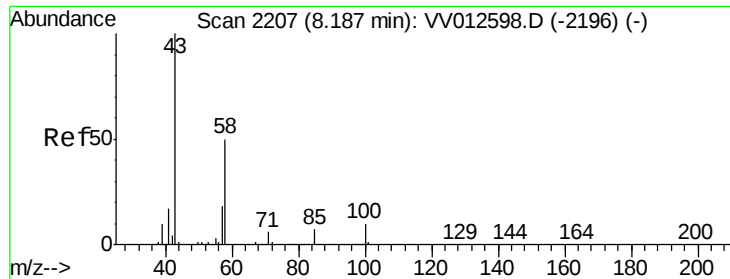
Tgt Ion: 83 Resp: 15153
Ion Ratio Lower Upper
83 100
55 1.5 69.0 103.6#
98 1.5 38.0 57.0#



#47
Tetrachloroethene
Concen: 1.025 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.00 min
Lab File: VV012616.D
Acq: 06 Sep 2019 23:32

Tgt Ion: 164 Resp: 10401
Ion Ratio Lower Upper
164 100
129 95.6 65.0 120.6
131 81.4 62.0 115.2
166 122.3 87.0 161.6

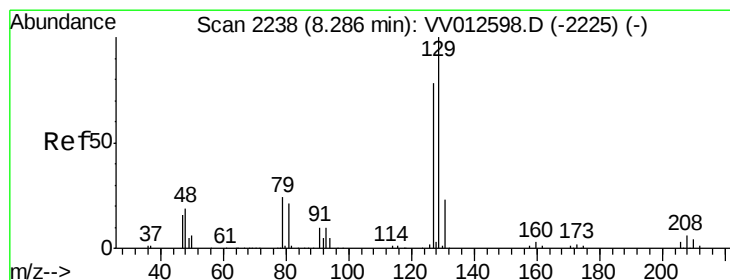
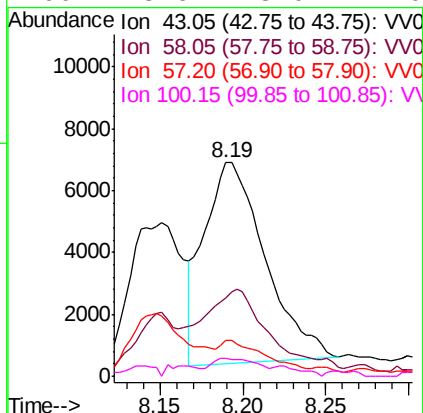
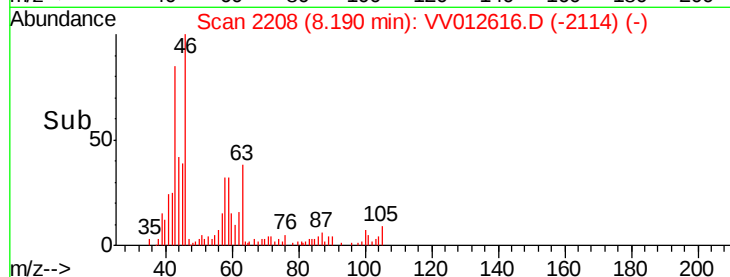
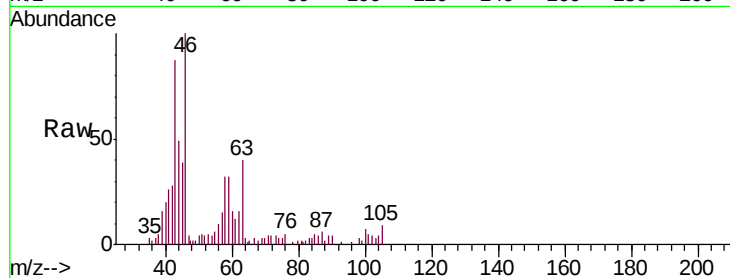




#48
2-Hexanone
Concen: 3.021 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012616.D
Acq: 06 Sep 2019 23:32

Instrument :
MSVOA_V
ClientSampleId :
BFD83DL

Tgt Ion: 43 Resp: 16645
Ion Ratio Lower Upper
43 100
58 44.7 39.3 58.9
57 12.4 12.9 19.3#
100 5.6 8.0 12.0#



#49
Dibromochloromethane
Concen: 0.971 ug/L
RT: 8.02 min Scan# 2154
Delta R.T. -0.27 min
Lab File: VV012616.D
Acq: 06 Sep 2019 23:32

Tgt Ion: 129 Resp: 9774
Ion Ratio Lower Upper
129 100
127 0.0 53.0 98.4#

