

Data File : VV010741.D
Acq On : 08 May 2019 22:35
Operator : SY/MD
Sample : K2690-19
Misc : 5.18G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
A5165

Quant Time: May 09 03:00:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Thu May 09 02:55:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	4859	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	4772	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.31	152	922	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	1330	17.62	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	70.48%
7) Chloroethane-d5	1.58	69	1573	25.32	ug/L	0.02
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.28%
10) 1,1-Dichloroethene-d2	2.14	63	2151	13.14	ug/L	0.02
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.56%
20) 2-Butanone-d5	3.95	46	551	24.33	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	48.66%
24) Chloroform-d	4.41	84	3516	26.54	ug/L	0.01
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.16%
26) 1,2-Dichloroethane-d4	5.09	65	2600	31.43	ug/L	0.02
Spiked Amount	25.000	Range	70 - 130	Recovery	=	125.72%
29) Benzene-d6	5.11	84	5725	22.79	ug/L	0.01
Spiked Amount	25.000	Range	20 - 135	Recovery	=	91.16%
33) 1,2-Dichloropropane-d6	6.13	67	2322	29.01	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.04%
37) Toluene-d8	7.36	98	4902	20.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	81.52%
38) trans-1,3-Dichloropropene-	7.68	79	559	15.32	ug/L	0.01
Spiked Amount	25.000	Range	30 - 135	Recovery	=	61.28%
39) 2-Hexanone-d5	8.15	63	421	25.14	ug/L	0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	50.28%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	2422	32.20	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	128.80%#
61) 1,2-Dichlorobenzene-d4	11.67	152	671	18.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	75.16%

Target Compounds

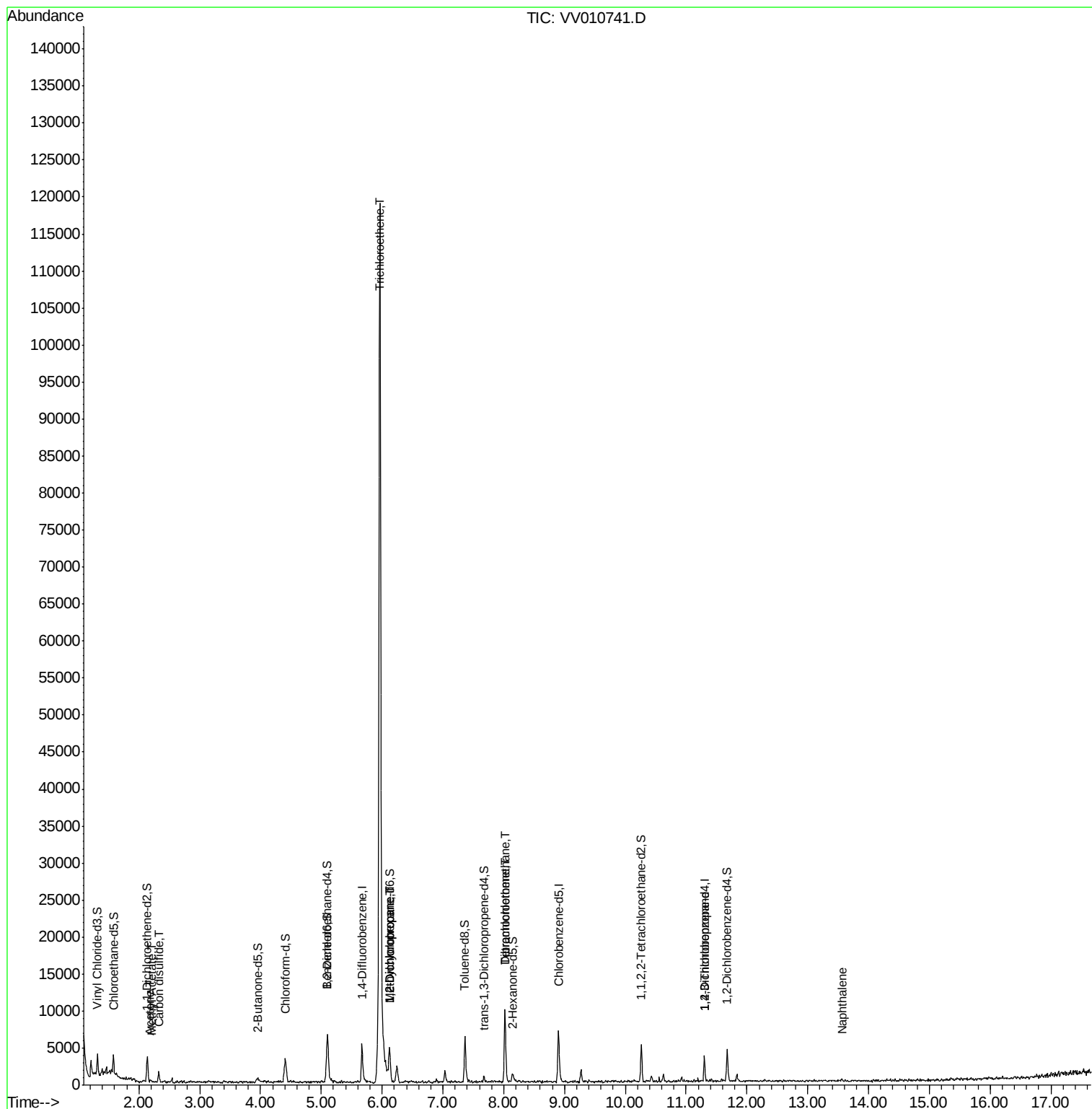
					Qvalue	
13) Acetone	2.19	43	127	3.622	ug/L #	43
14) Carbon disulfide	2.33	76	1608	8.554	ug/L #	94
15) Methyl Acetate	2.20	43	205	4.894	ug/L #	55
35) Trichloroethene	5.96	95	45189	575.888	ug/L	98
36) Methylcyclohexane	6.13	83	193	1.535	ug/L #	1
40) 1,2-Dichloropropane	6.12	63	117	1.570	ug/L #	1
47) Tetrachloroethene	8.02	164	2036	35.828	ug/L	92
50) Dibromochloromethane	8.02	129	2268	32.216	ug/L #	10
59) 1,2,3-Trichloropropane	11.30	75	134	2.141	ug/L	96
69) Naphthalene	13.56	128	353	4.610	ug/L #	69

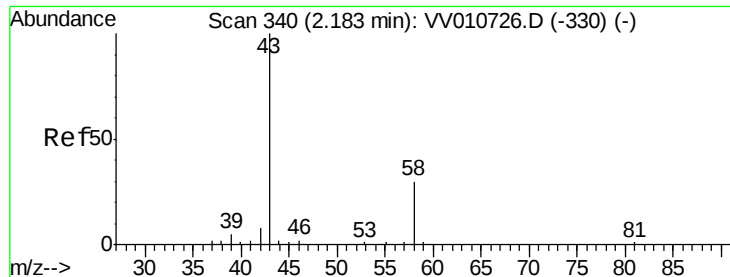
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.622 ug/L

RT: 2.19 min Scan# 342

Delta R.T. 0.01 min

Lab File: VV010741.D

Acq: 08 May 2019 22:35

Instrument :

MSVOA_V

ClientSampleId :

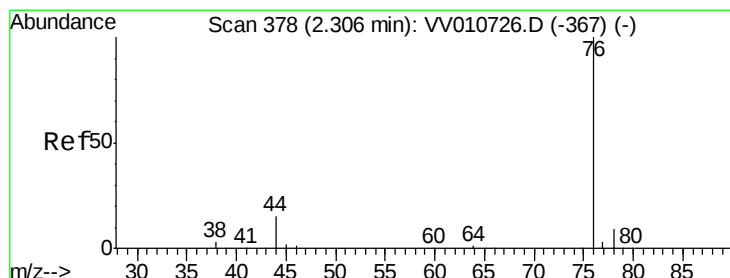
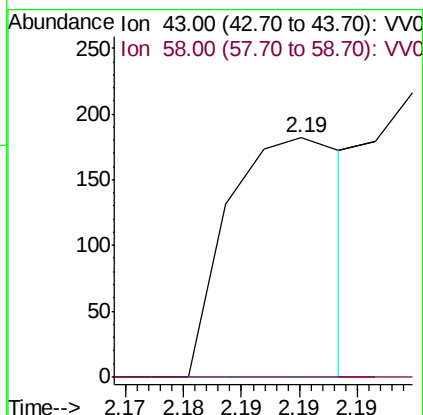
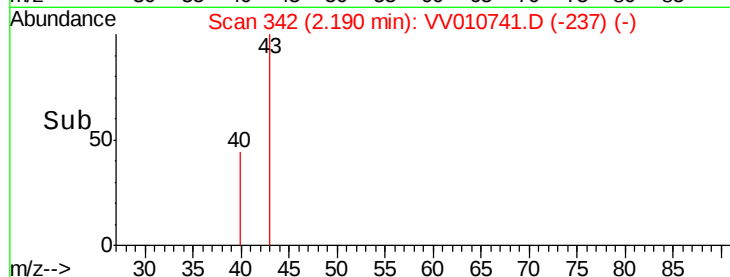
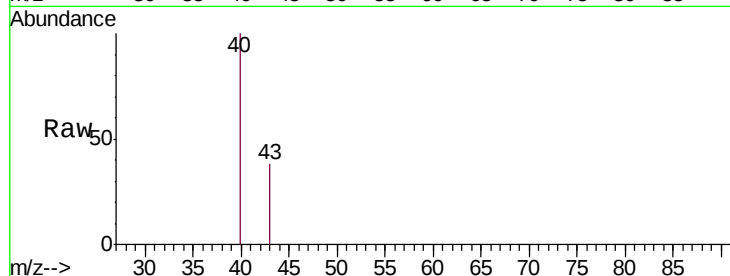
A5165

Tgt Ion: 43 Resp: 127

Ion Ratio Lower Upper

43 100

58 0.0 0.0 63.4



#14

Carbon disulfide

Concen: 8.554 ug/L

RT: 2.33 min Scan# 385

Delta R.T. 0.02 min

Lab File: VV010741.D

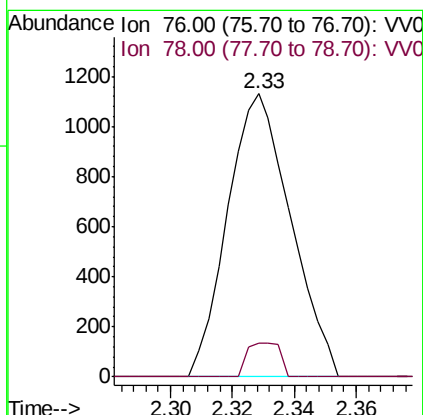
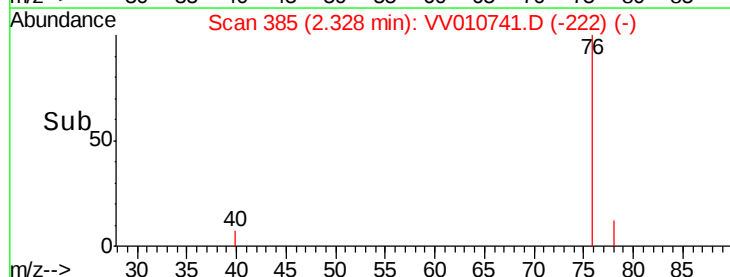
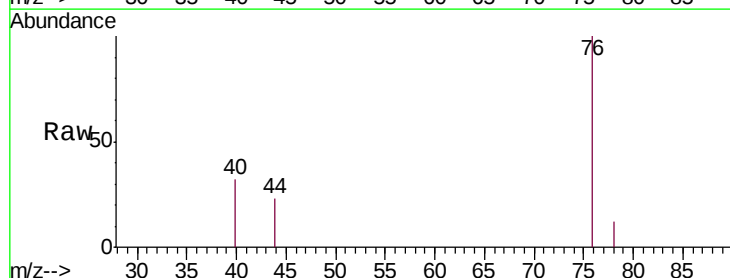
Acq: 08 May 2019 22:35

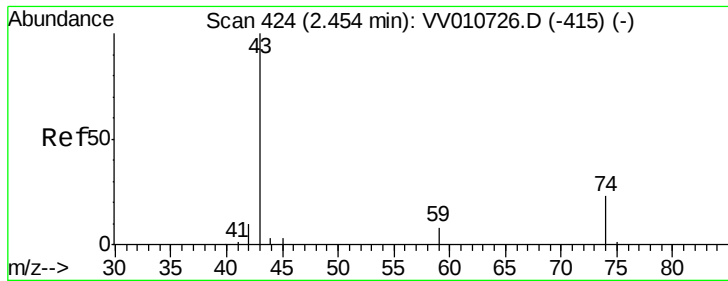
Tgt Ion: 76 Resp: 1608

Ion Ratio Lower Upper

76 100

78 12.0 7.8 11.8#





#15

Methyl Acetate

Concen: 4.894 ug/L

RT: 2.20 min Scan# 346

Delta R.T. -0.25 min

Lab File: VV010741.D

Acq: 08 May 2019 22:35

Instrument :

MSVOA_V

ClientSampled :

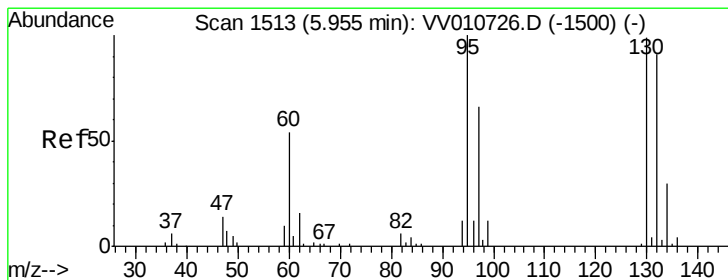
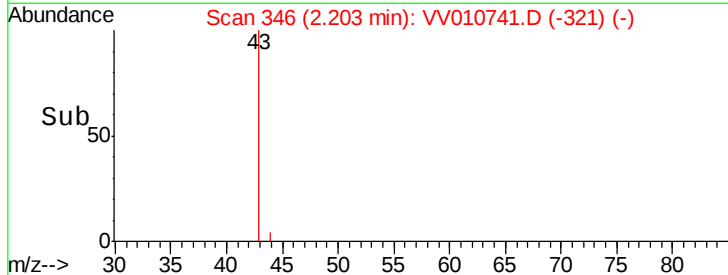
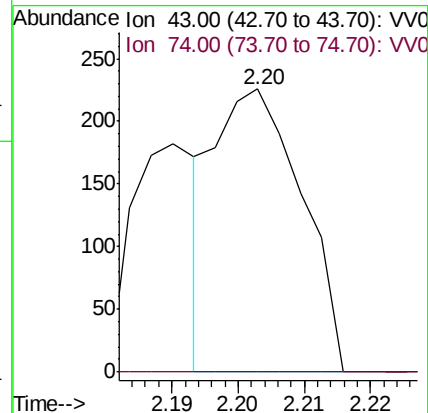
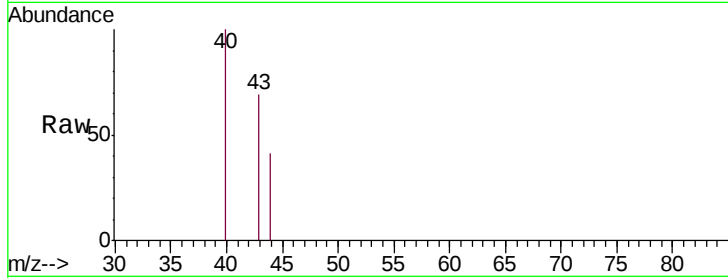
A5165

Tgt Ion: 43 Resp: 205

Ion Ratio Lower Upper

43 100

74 0.0 17.0 25.4#



#35

Trichloroethene

Concen: 575.888 ug/L

RT: 5.96 min Scan# 1515

Delta R.T. 0.01 min

Lab File: VV010741.D

Acq: 08 May 2019 22:35

Tgt Ion: 95 Resp: 45189

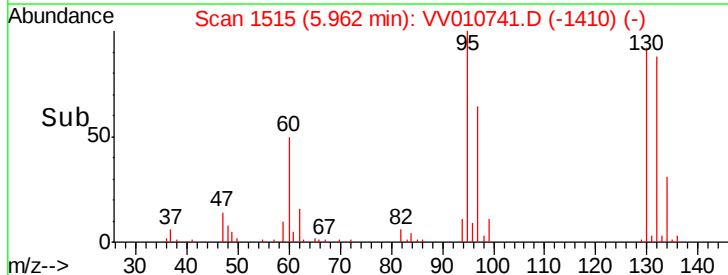
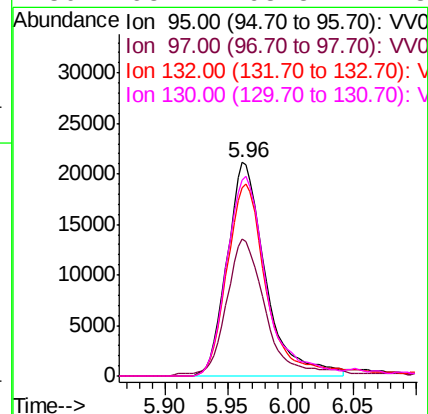
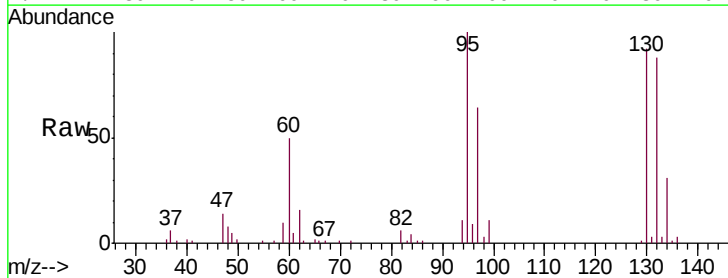
Ion Ratio Lower Upper

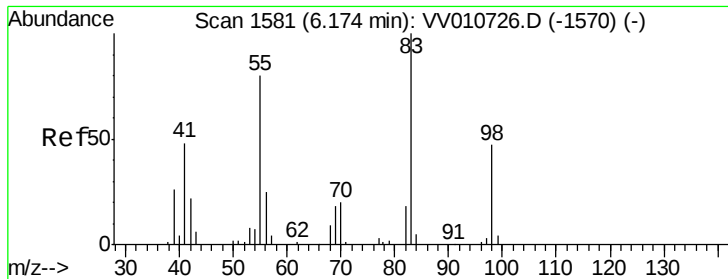
95 100

97 60.6 44.3 82.3

132 89.9 62.4 115.8

130 95.1 68.5 127.3

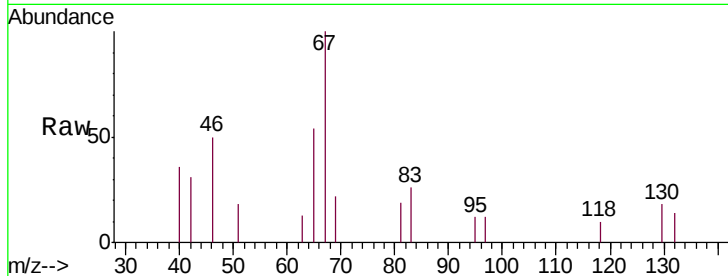




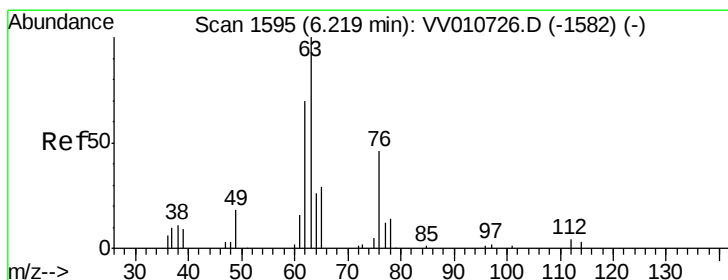
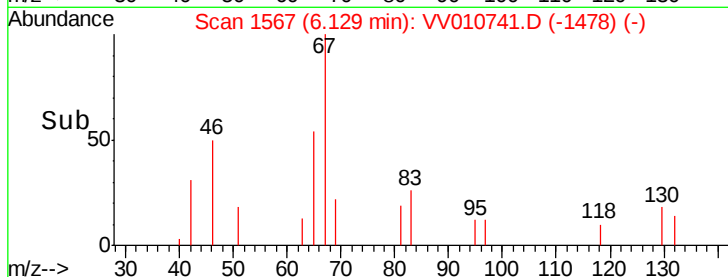
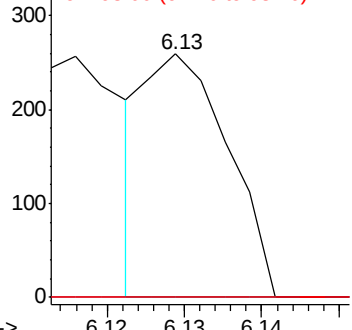
#36
Methylcyclohexane
Concen: 1.535 ug/L
RT: 6.13 min Scan# 1567
Delta R.T. -0.04 min
Lab File: VV010741.D
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Instrument :
MSVOA_V
ClientSampled :
A5165

Tgt Ion: 83 Resp: 193
Ion Ratio Lower Upper
83 100
55 541.5 64.6 96.8#
98 0.0 37.7 56.5#

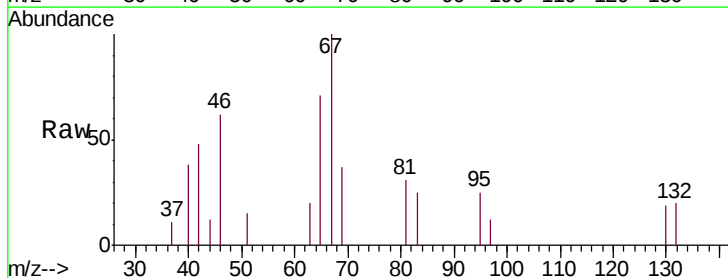


Abundance Ion 83.00 (82.70 to 83.70): VV0
Ion 55.00 (54.70 to 55.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

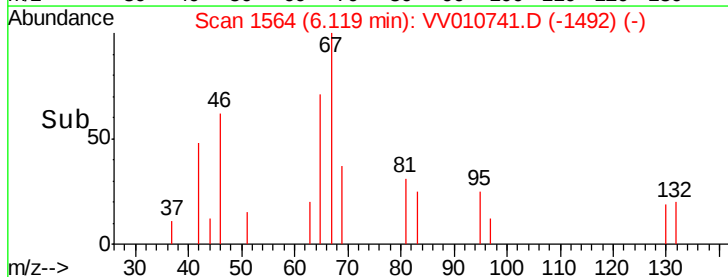
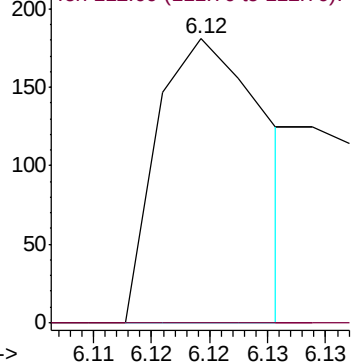


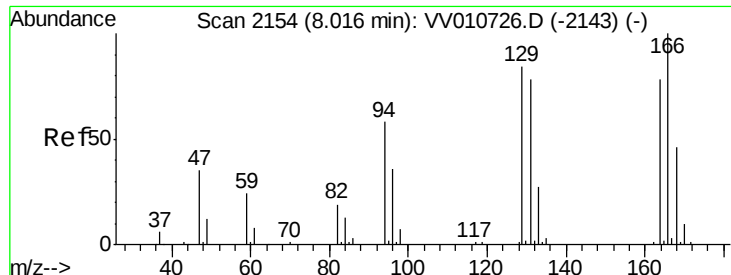
#40
1,2-Dichloropropane
Concen: 1.570 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV010741.D
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Tgt Ion: 63 Resp: 117
Ion Ratio Lower Upper
63 100
112 88.0 3.4 5.2#



Abundance Ion 63.00 (62.70 to 63.70): VV0
Ion 112.00 (111.70 to 112.70): V

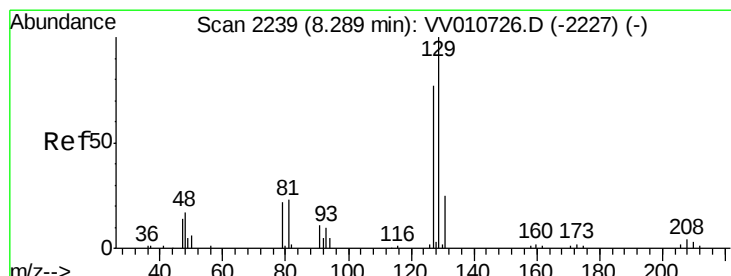
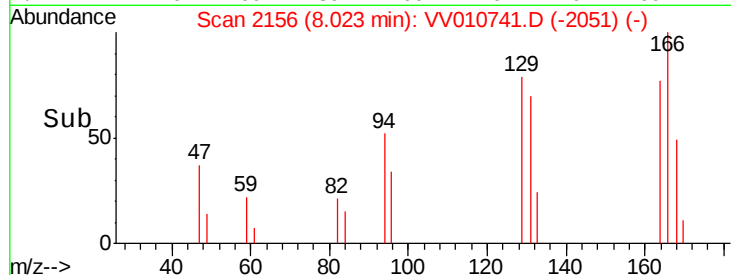
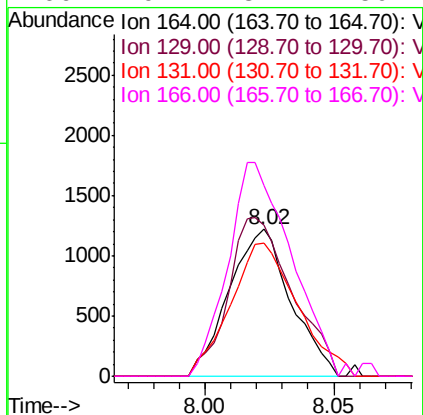
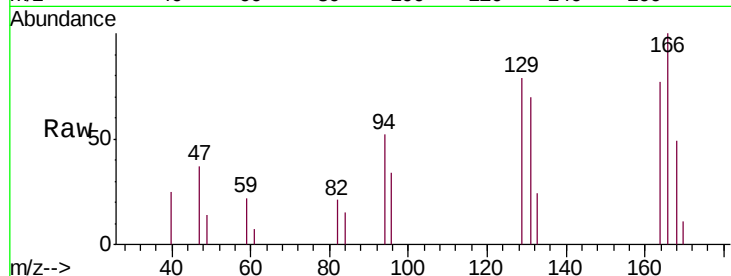




#47
Tetrachloroethene
Concen: 35.828 ug/L
RT: 8.02 min Scan# 2156
Delta R.T. 0.01 min
Lab File: VV010741.D
Acq: 08 May 2019 22:35

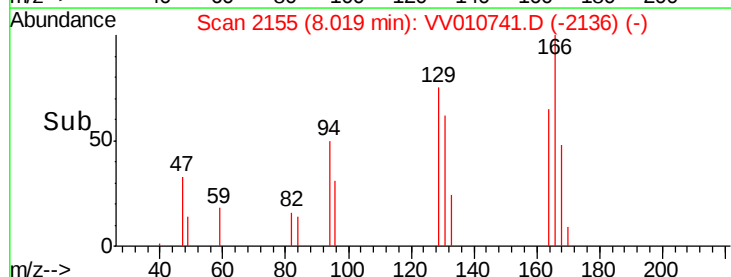
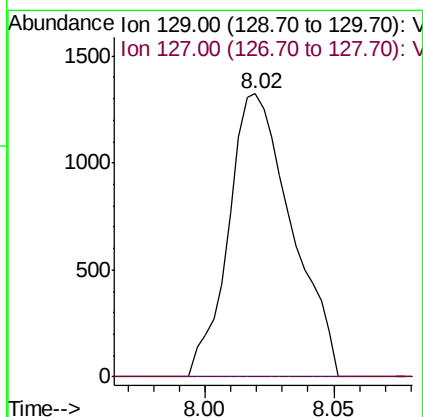
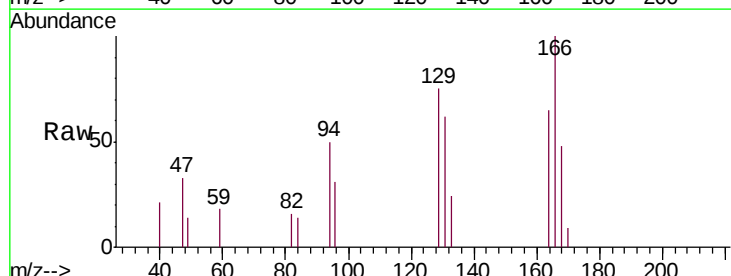
Instrument :
MSVOA_V
ClientSampled :
A5165

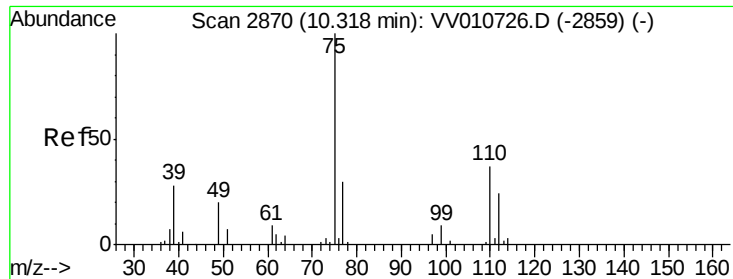
Tgt Ion:	164	Resp:	2036
Ion	Ratio	Lower	Upper
164	100		
129	103.0	69.3	128.7
131	91.0	67.3	125.1
166	129.7	81.1	150.7



#50
Dibromochloromethane
Concen: 32.216 ug/L
RT: 8.02 min Scan# 2155
Delta R.T. -0.27 min
Lab File: VV010741.D
Acq: 08 May 2019 22:35

Tgt Ion:	129	Resp:	2268
Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.5	101.1#

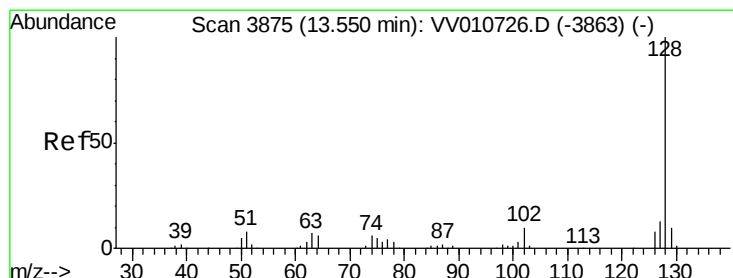
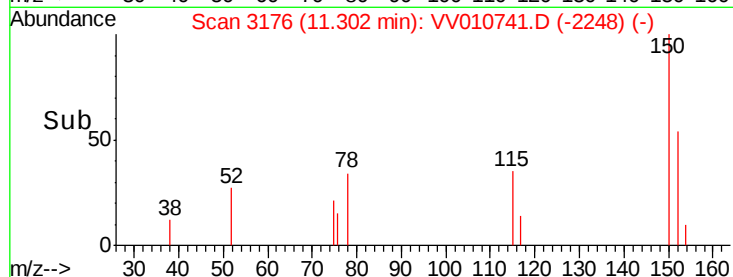
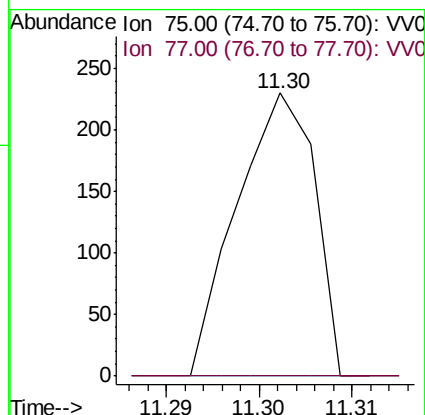
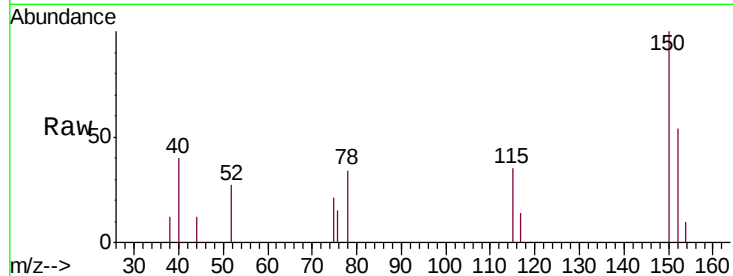




#59
 1,2,3-Trichloropropane
 Concen: 2.141 ug/L
 RT: 11.30 min Scan# 3176
 Delta R.T. 0.98 min
 Lab File: VV010741.D
 Acq: 08 May 2019 22:35

Instrument :
 MSVOA_V
 ClientSampled :
 A5165

Tgt Ion: 75 Resp: 134
 Ion Ratio Lower Upper
 75 100
 77 33.6 25.0 37.6



#69
 Naphthalene
 Concen: 4.610 ug/L
 RT: 13.56 min Scan# 3878
 Delta R.T. 0.01 min
 Lab File: VV010741.D
 Acq: 08 May 2019 22:35

Tgt Ion: 128 Resp: 353
 Ion Ratio Lower Upper
 128 100
 129 0.0 8.3 12.5#
 127 0.0 10.8 16.2#

