

Data File : VV010841.D
Acq On : 11 May 2019 05:03
Operator : SY/MD
Sample : K2737-11
Misc : 4.71G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB859

Quant Time: May 11 05:54:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Sat May 11 00:23:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	52727	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	47693	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	14175	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	26332	32.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	128.60%
7) Chloroethane-d5	1.57	69	26499	39.31	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	157.24%#
10) 1,1-Dichloroethene-d2	2.12	63	46081	25.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	103.76%
20) 2-Butanone-d5	3.92	46	13056	53.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	106.24%
24) Chloroform-d	4.39	84	58429	40.65	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	162.60%#
26) 1,2-Dichloroethane-d4	5.07	65	36045	40.15	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	160.60%#
29) Benzene-d6	5.09	84	111530	44.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	177.72%#
33) 1,2-Dichloropropane-d6	6.11	67	37438	46.80	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	187.20%#
37) Toluene-d8	7.36	98	91904	38.23	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	152.92%#
38) trans-1,3-Dichloropropene-	7.66	79	11491	31.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	126.04%
39) 2-Hexanone-d5	8.13	63	8111	48.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	96.92%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	25433	33.83	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	135.32%#
61) 1,2-Dichlorobenzene-d4	11.67	152	23990	43.70	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	174.80%#

Target Compounds

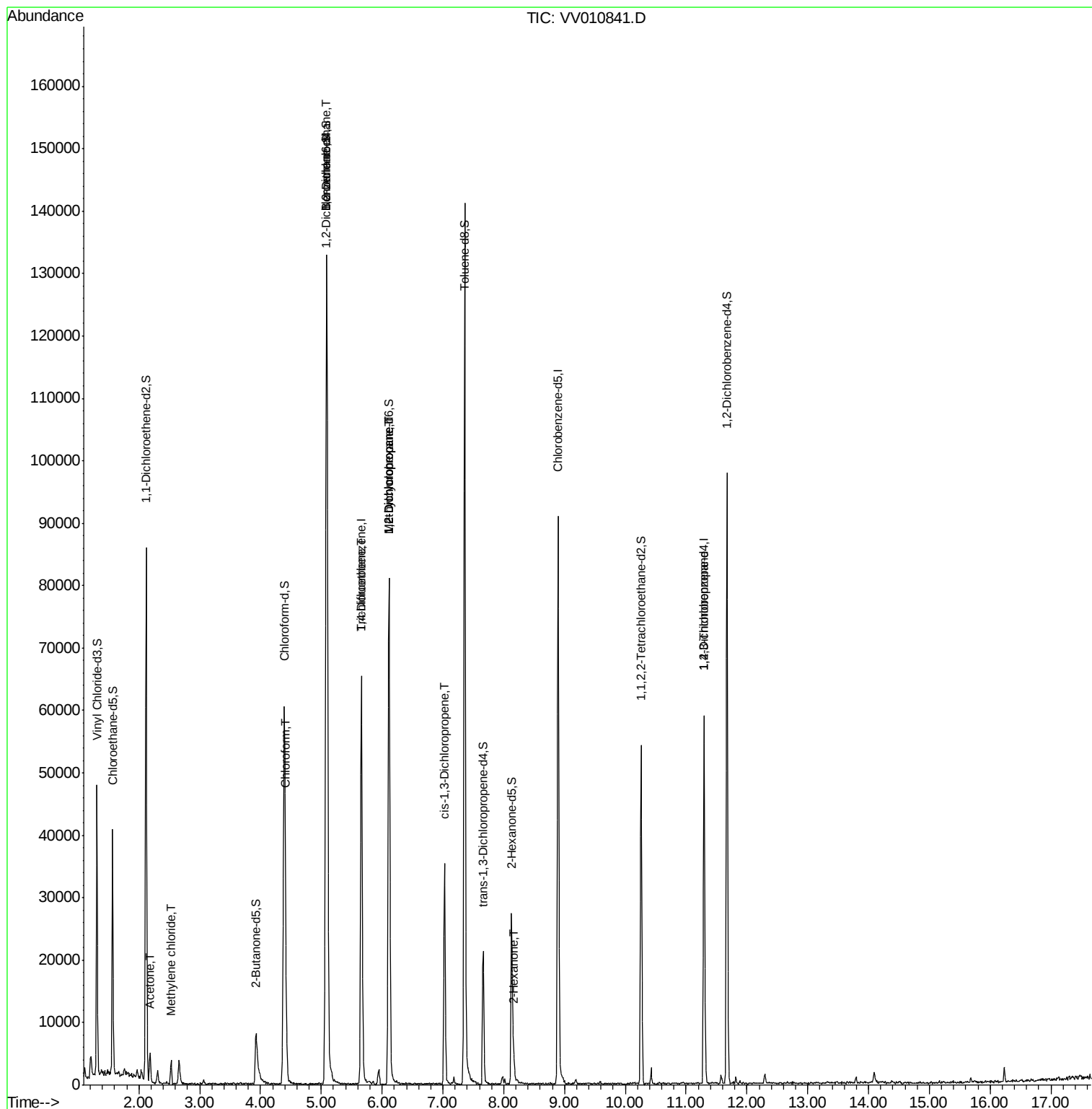
					Qvalue
13) Acetone	2.18	43	4308	11.321 ug/L	99
16) Methylene chloride	2.53	84	1400	1.717 ug/L	97
25) Chloroform	4.42	83	4809	3.014 ug/L #	68
27) 1,2-Dichloroethane	5.10	62	808	0.693 ug/L #	78
35) Trichloroethene	5.66	95	1579	2.013 ug/L #	7
36) Methylcyclohexane	6.11	83	9076	7.221 ug/L #	17
40) 1,2-Dichloropropane	6.11	63	4640	6.230 ug/L #	87
42) cis-1,3-Dichloropropene	7.02	75	1034	0.878 ug/L	88
49) 2-Hexanone	8.17	43	1601	3.359 ug/L #	50
59) 1,2,3-Trichloropropane	11.30	75	2148	3.433 ug/L	95

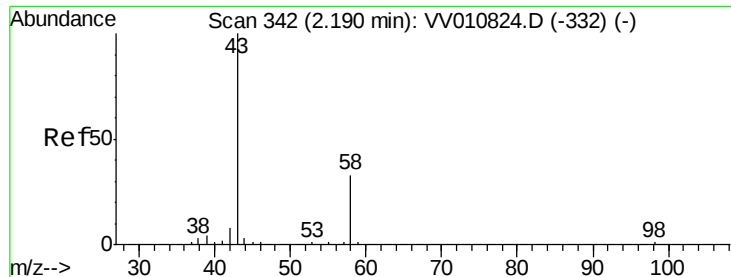
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 11.321 ug/L

RT: 2.18 min Scan# 340

Delta R.T. -0.01 min

Lab File: VV010841.D

Acq: 11 May 2019 05:03

Instrument :

MSVOA_V

ClientSampled :

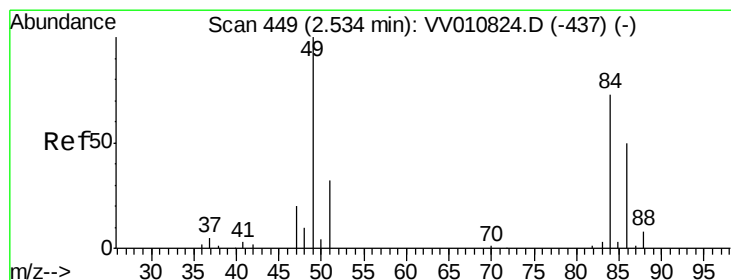
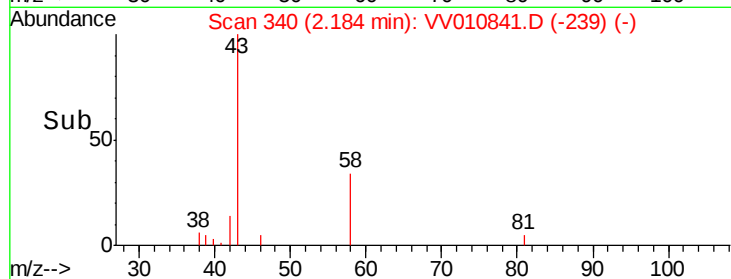
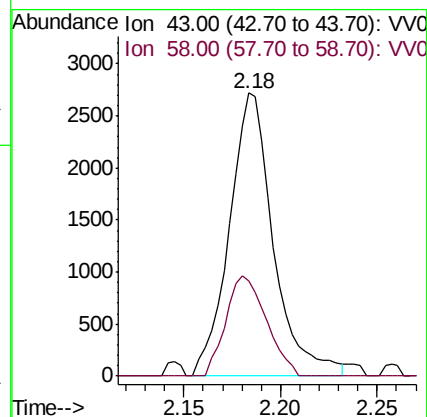
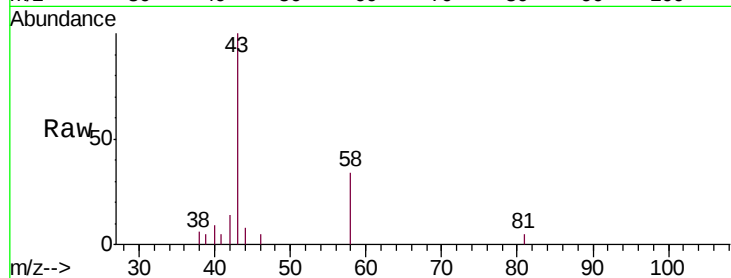
DB859

Tgt Ion: 43 Resp: 4308

Ion Ratio Lower Upper

43 100

58 32.5 0.0 63.4



#16

Methylene chloride

Concen: 1.717 ug/L

RT: 2.53 min Scan# 448

Delta R.T. -0.00 min

Lab File: VV010841.D

Acq: 11 May 2019 05:03

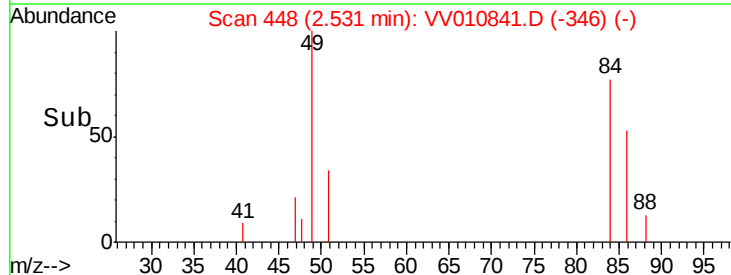
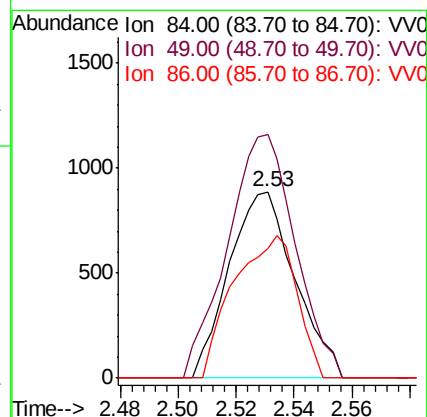
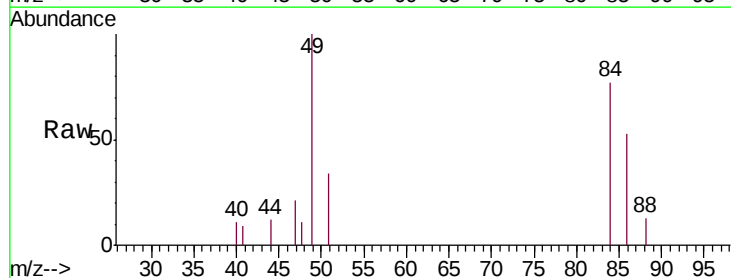
Tgt Ion: 84 Resp: 1400

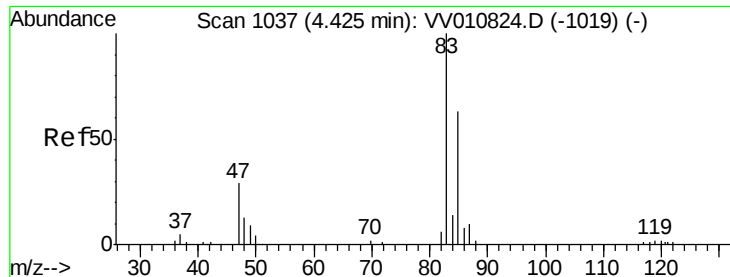
Ion Ratio Lower Upper

84 100

49 130.5 92.9 172.5

86 69.6 46.5 86.5

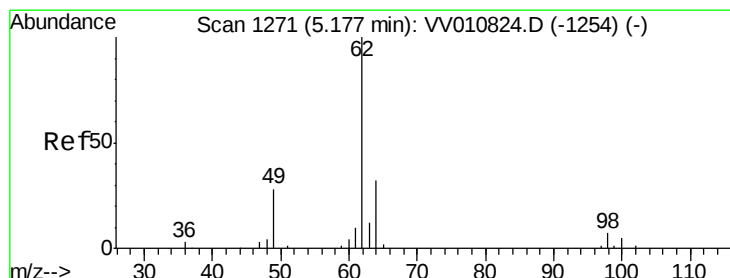
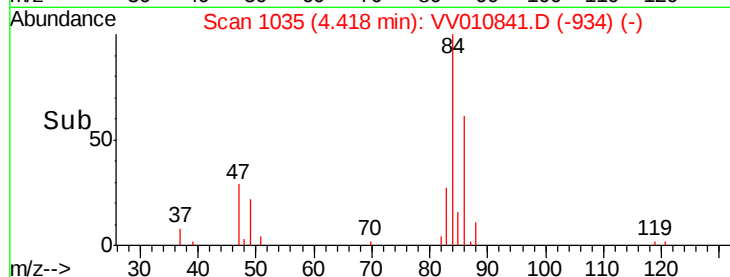
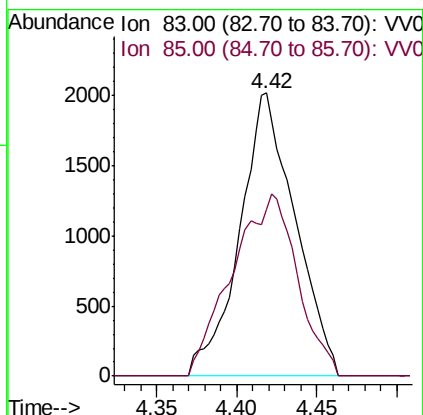
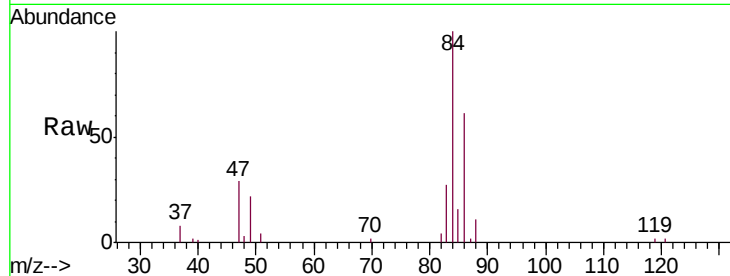




#25
Chloroform
Concen: 3.014 ug/L
RT: 4.42 min Scan# 1035
Delta R.T. -0.01 min
Lab File: VV010841.D
Acq: 11 May 2019 05:03

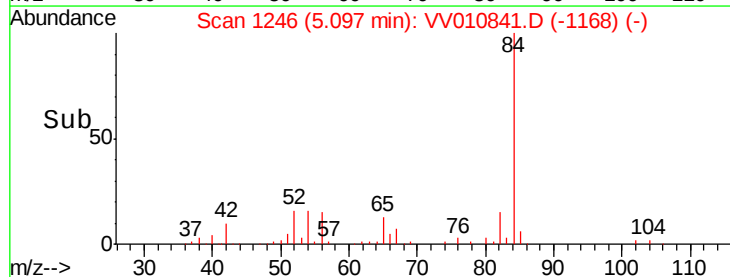
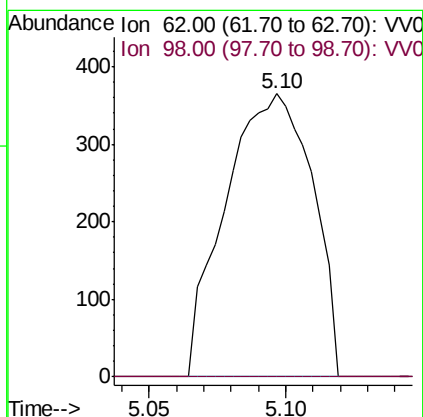
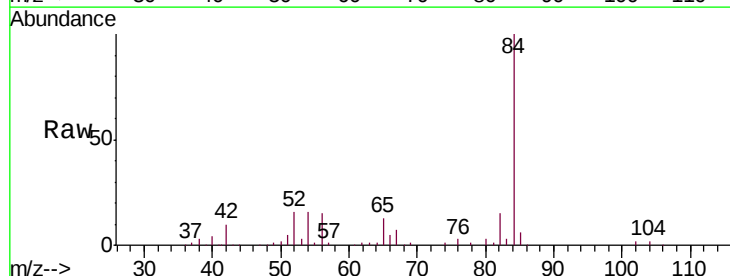
Instrument :
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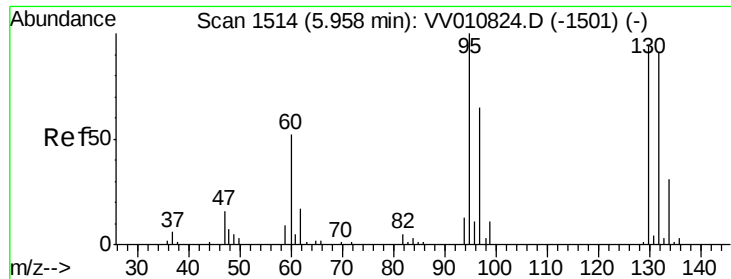
Tgt Ion: 83 Resp: 4809
Ion Ratio Lower Upper
83 100
85 38.5 44.6 82.8#



#27
1,2-Dichloroethane
Concen: 0.693 ug/L
RT: 5.10 min Scan# 1246
Delta R.T. -0.08 min
Lab File: VV010841.D
Acq: 11 May 2019 05:03

Tgt Ion: 62 Resp: 808
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#

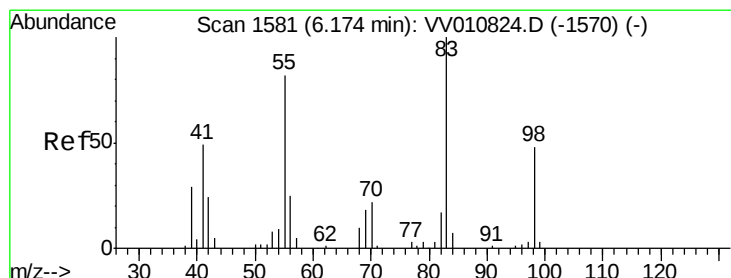
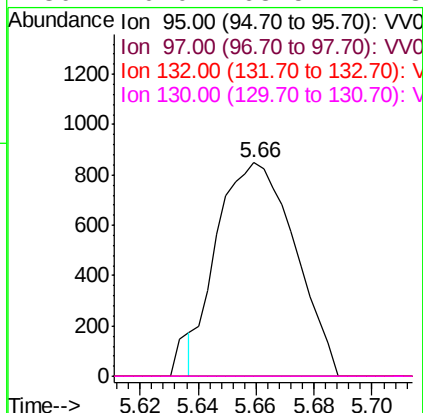
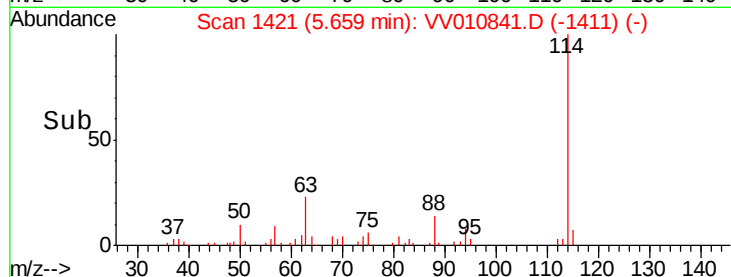
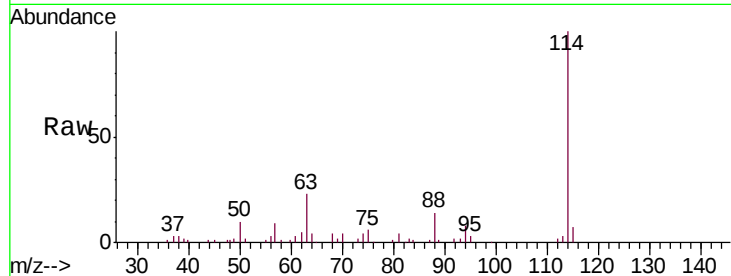




#35
 Trichloroethene
 Concen: 2.013 ug/L
 RT: 5.66 min Scan# 1421
 Delta R.T. -0.30 min
 Lab File: VV010841.D
 Acq: 11 May 2019 05:03

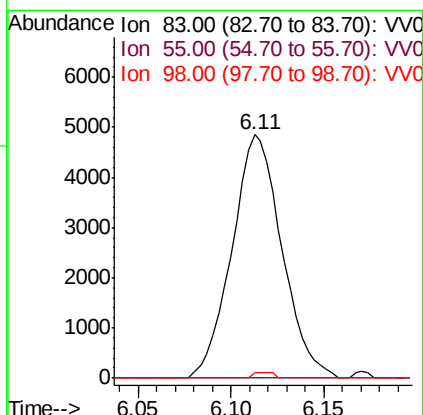
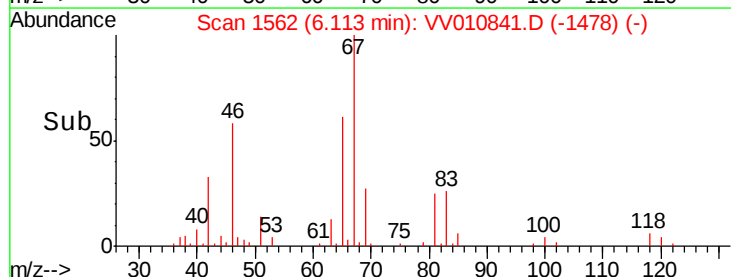
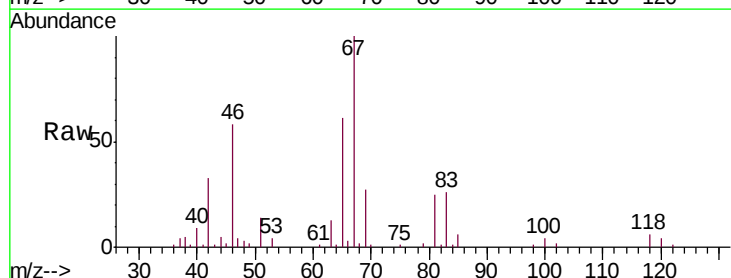
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 MSVOA_V
 ClientSampleId :
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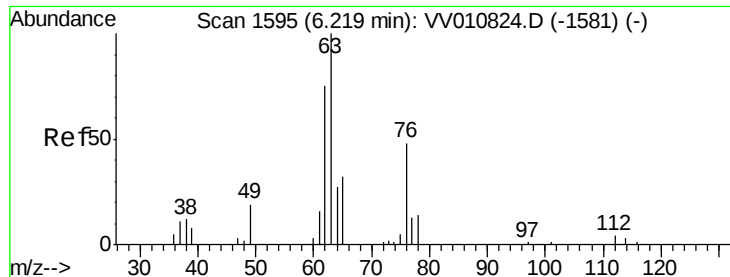
Tgt Ion: 95 Resp: 1579
 Ion Ratio Lower Upper
 95 100
 97 0.0 44.3 82.3#
 132 0.0 62.4 115.8#
 130 0.0 68.5 127.3#



#36
 Methylcyclohexane
 Concen: 7.221 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.06 min
 Lab File: VV010841.D
 Acq: 11 May 2019 05:03

Tgt Ion: 83 Resp: 9076
 Ion Ratio Lower Upper
 83 100
 55 0.0 64.6 96.8#
 98 0.7 37.7 56.5#

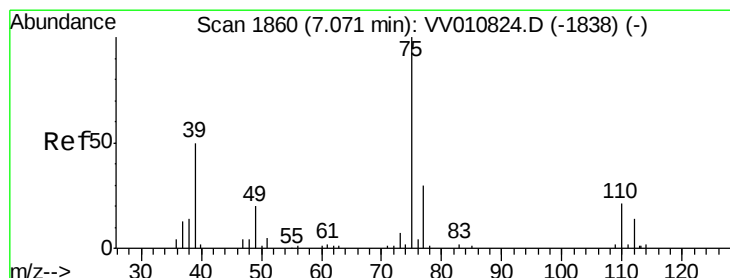
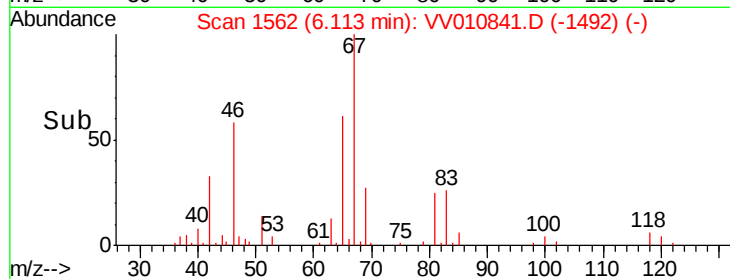
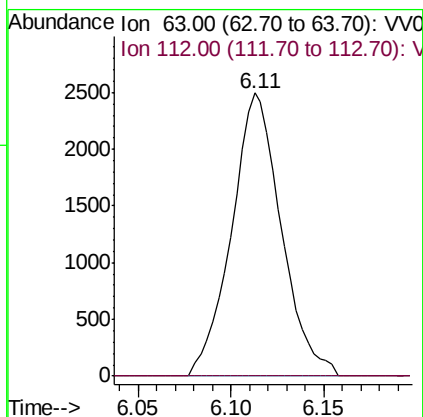
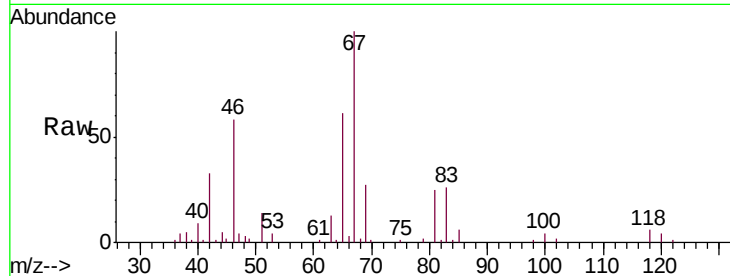




#40
 1,2-Dichloropropane
 Concen: 6.230 ug/L
 RT: 6.11 min Scan# 1562
 Delta R.T. -0.11 min
 Lab File: VV010841.D
 Acq: 11 May 2019 05:03

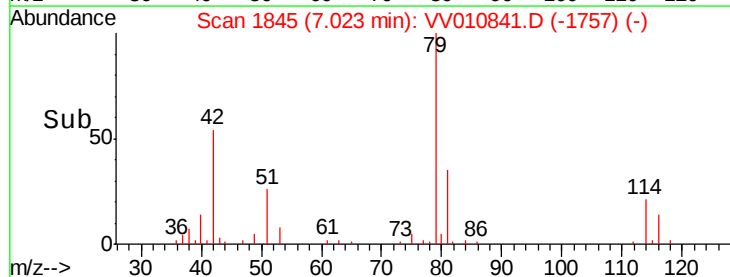
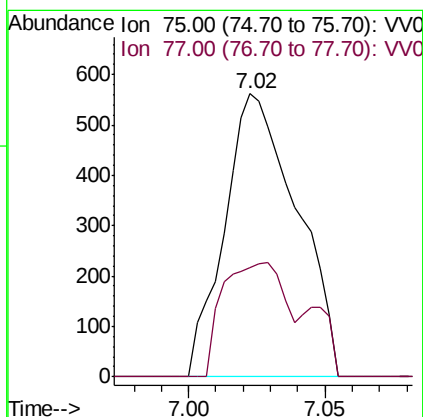
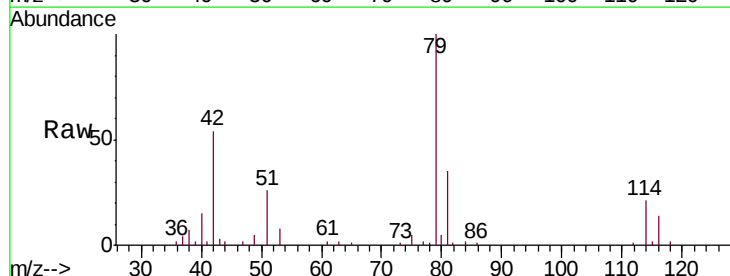
Instrument :
 MSVOA_V
 ClientSampled :
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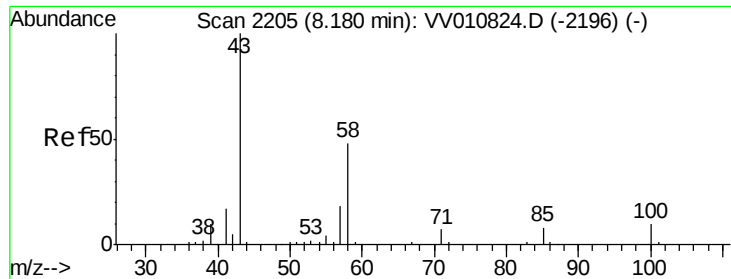
Tgt Ion: 63 Resp: 4640
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.4 5.2#



#42
 cis-1,3-Dichloropropene
 Concen: 0.878 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV010841.D
 Acq: 11 May 2019 05:03

Tgt Ion: 75 Resp: 1034
 Ion Ratio Lower Upper
 75 100
 77 38.4 22.3 41.3

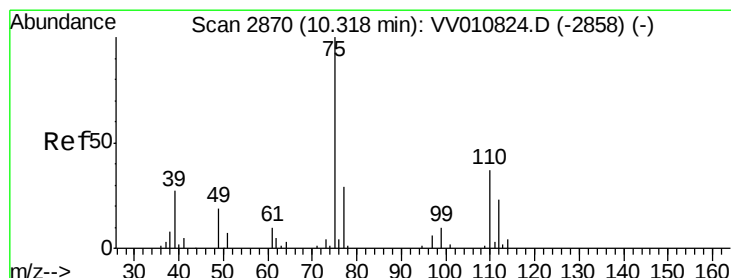
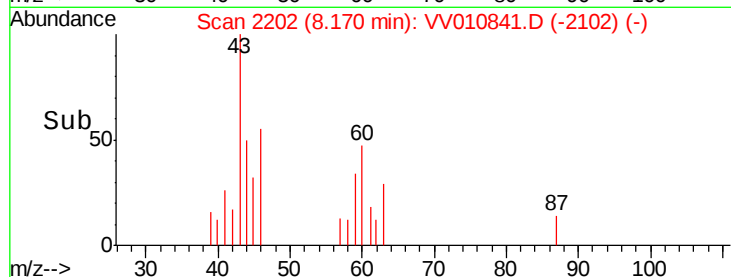
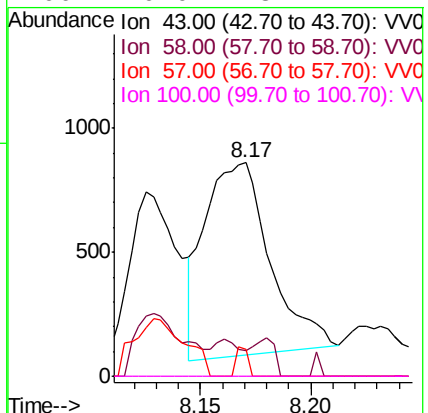
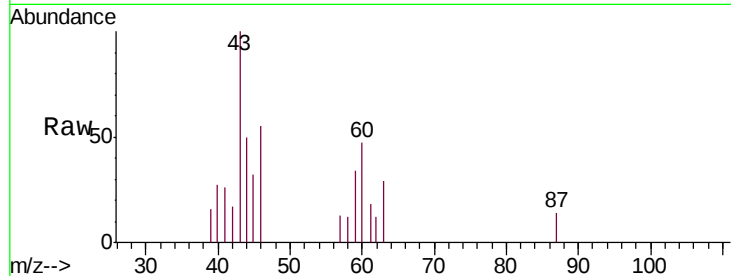




#49
2-Hexanone
Concen: 3.359 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. -0.01 min
Lab File: VV010841.D
Acq: 11 May 2019 05:03

Instrument :
MSVOA_V
ClientSampled :
DB859

Tgt Ion: 43 Resp: 1601
Ion Ratio Lower Upper
43 100
58 7.6 39.4 59.0#
57 2.7 14.2 21.4#
100 0.0 8.2 12.2#



#59
1,2,3-Trichloropropane
Concen: 3.433 ug/L
RT: 11.30 min Scan# 3174
Delta R.T. 0.98 min
Lab File: VV010841.D
Acq: 11 May 2019 05:03

Tgt Ion: 75 Resp: 2148
Ion Ratio Lower Upper
75 100
77 34.2 25.0 37.6

