

Data File : VV010795.D
Acq On : 10 May 2019 05:08
Operator : SY/MD
Sample : K2737-03MS
Misc : 2.61G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DB850MS

Quant Time: May 10 07:59:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM050719S.M
Quant Title : VOC Analysis
QLast Update : Fri May 10 07:54:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	95952	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	93385	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	35945	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	27510	18.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	73.80%
7) Chloroethane-d5	1.56	69	27740	22.61	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.44%
10) 1,1-Dichloroethene-d2	2.11	63	57914	17.91	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.64%
20) 2-Butanone-d5	3.92	46	18885	42.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.44%
24) Chloroform-d	4.39	84	61102	23.36	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.44%
26) 1,2-Dichloroethane-d4	5.07	65	41177	25.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	100.80%
29) Benzene-d6	5.09	84	122894	25.00	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.00%
33) 1,2-Dichloropropane-d6	6.11	67	41539	26.52	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	106.08%
37) Toluene-d8	7.36	98	106308	22.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.32%
38) trans-1,3-Dichloropropene-	7.66	79	15365	21.52	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.08%
39) 2-Hexanone-d5	8.13	63	13490	41.16	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	82.32%
48) 1,1,2,2-Tetrachloroethane-	10.26	84	31265	21.24	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.96%
61) 1,2-Dichlorobenzene-d4	11.67	152	35873	25.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.08%

Target Compounds

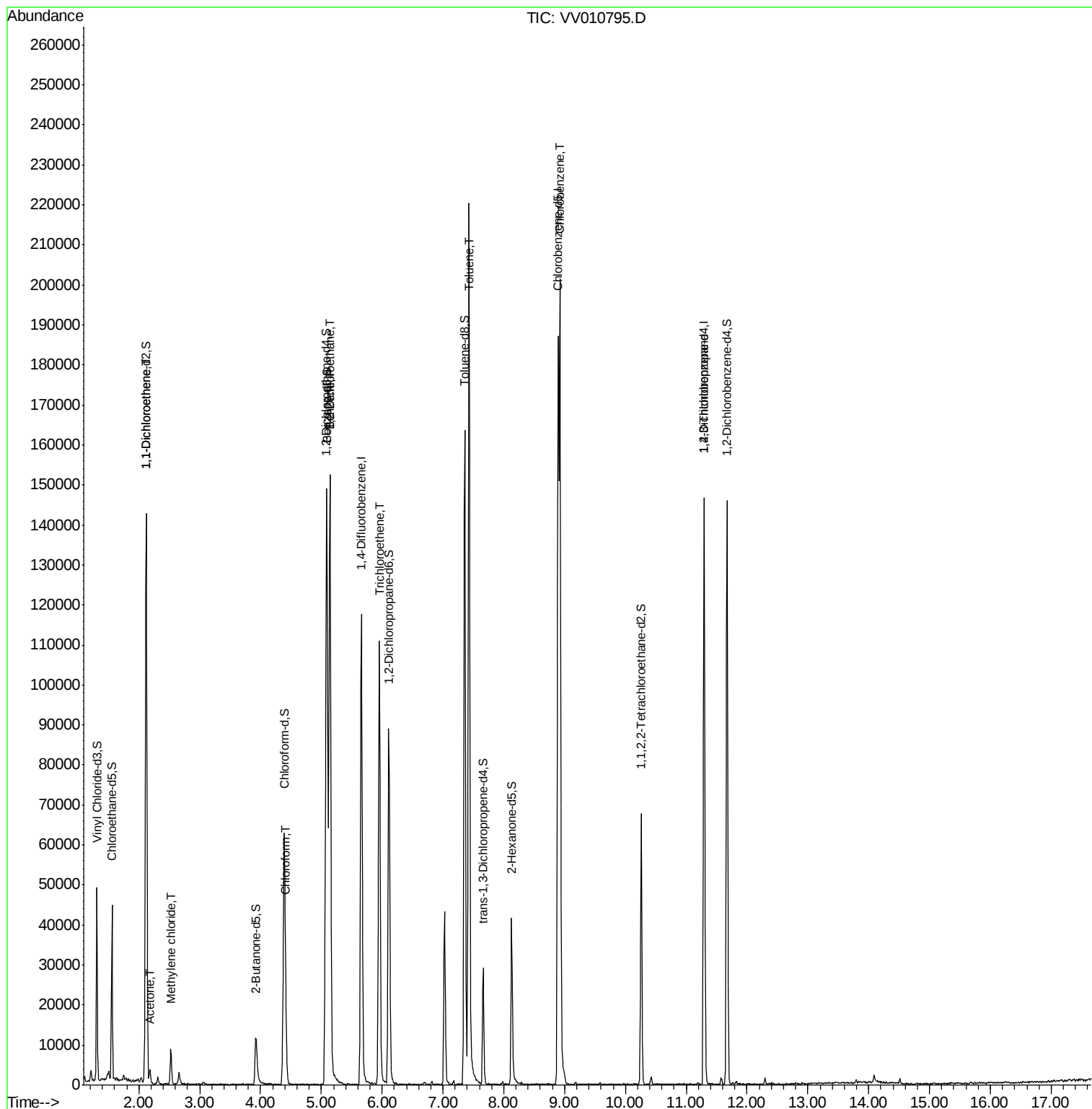
						Qvalue
12) 1,1-Dichloroethene	2.13	96	27996	18.533	ug/L	91
13) Acetone	2.18	43	2961	4.276	ug/L	97
16) Methylene chloride	2.53	84	3656	2.464	ug/L	99
25) Chloroform	4.42	83	5060	1.742	ug/L	79
27) 1,2-Dichloroethane	5.14	62	1525	0.718	ug/L #	78
34) Benzene	5.14	78	144464	26.352	ug/L	100
35) Trichloroethene	5.95	95	38815	25.277	ug/L	97
44) Toluene	7.43	91	155378	24.955	ug/L	99
52) Chlorobenzene	8.92	112	98000	24.092	ug/L	98
59) 1,2,3-Trichloropropane	11.30	75	5573	4.549	ug/L	95

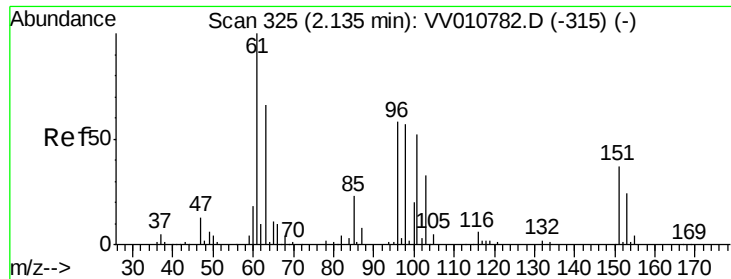
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 18.533 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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Acq: 10 May 2019 05:08

Instrument :

MSVOA_V

ClientSampleId :

DB850MS

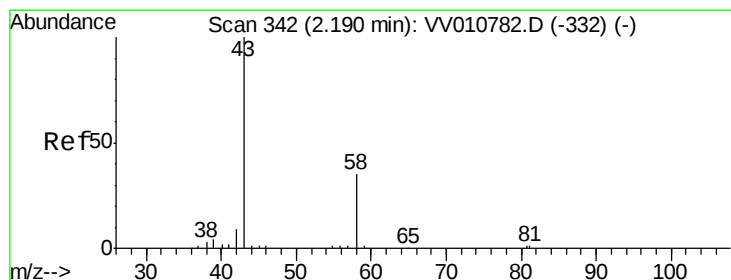
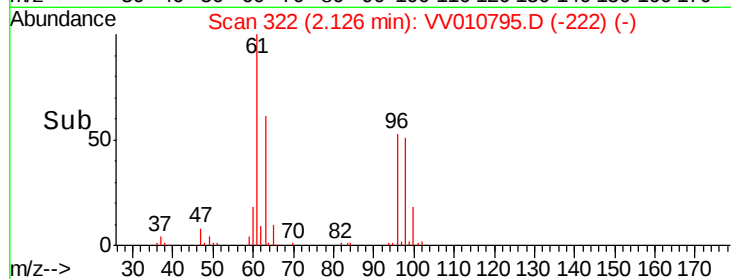
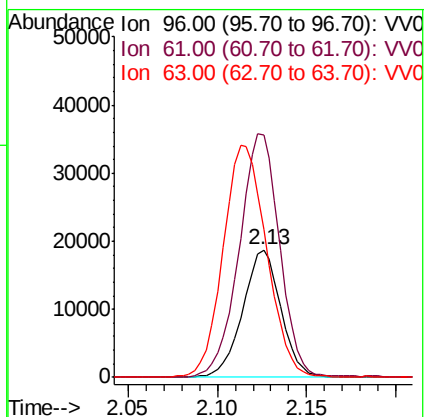
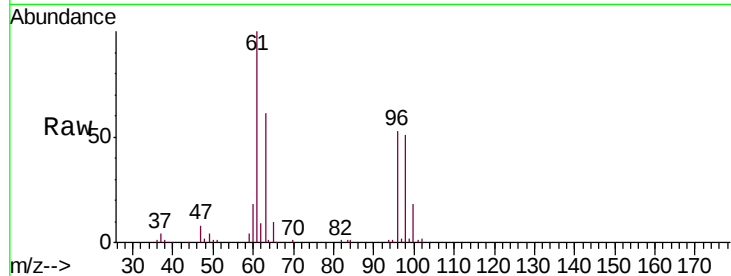
Tgt Ion: 96 Resp: 27996

Ion Ratio Lower Upper

96 100

61 189.8 120.3 223.3

63 115.9 82.9 153.9



#13

Acetone

Concen: 4.276 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.01 min

Lab File: VV010795.D

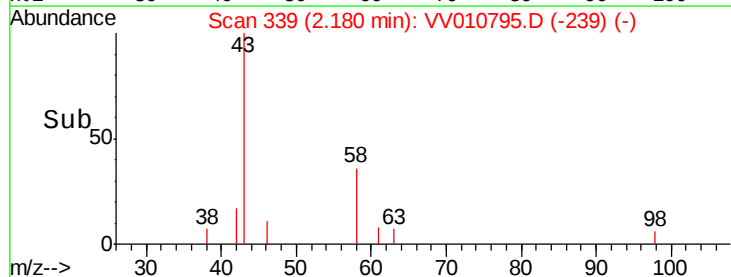
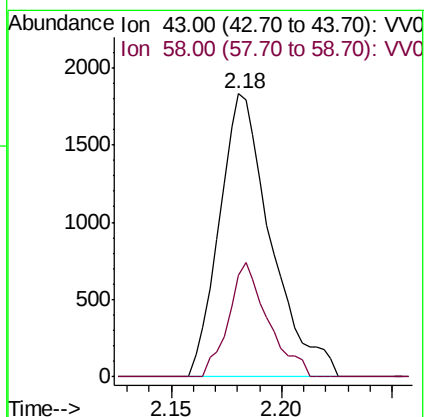
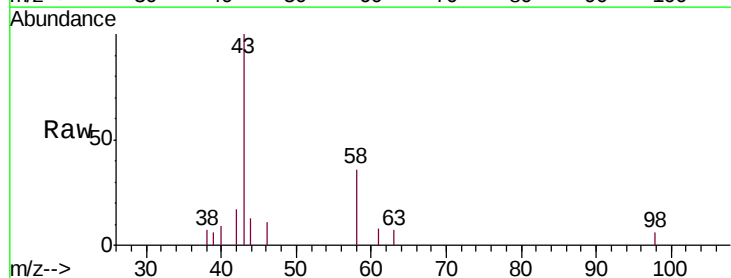
Acq: 10 May 2019 05:08

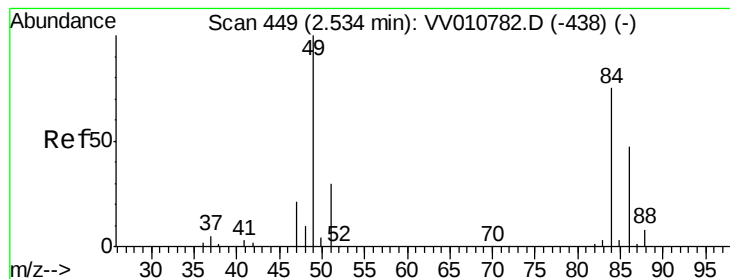
Tgt Ion: 43 Resp: 2961

Ion Ratio Lower Upper

43 100

58 30.3 0.0 63.4





#16

Methylene chloride

Concen: 2.464 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.01 min

Lab File: VV010795.D

Acq: 10 May 2019 05:08

Instrument :

MSVOA_V

ClientSampleId :

DB850MS

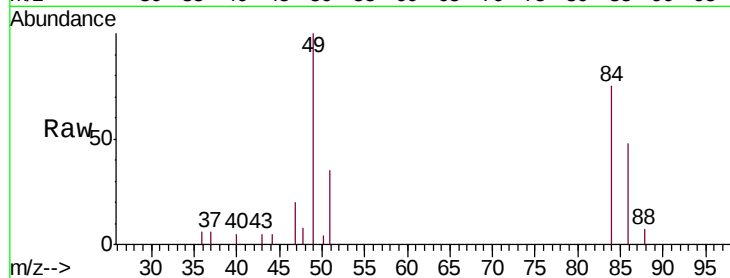
Tgt Ion: 84 Resp: 3656

Ion Ratio Lower Upper

84 100

49 133.3 92.9 172.5

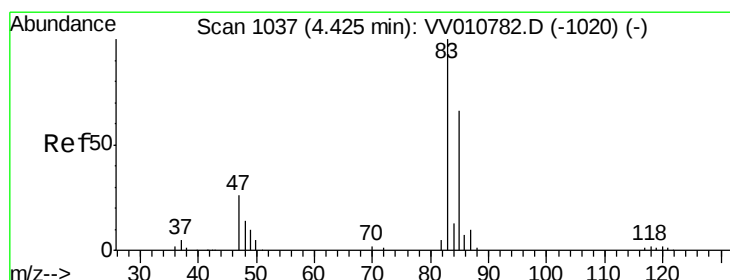
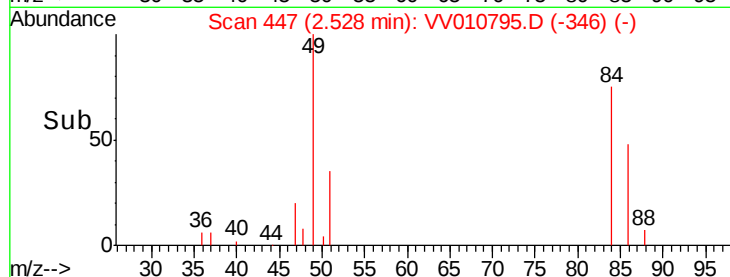
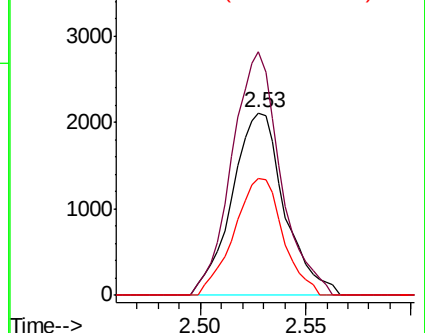
86 63.9 46.5 86.5



Abundance Ion 84.00 (83.70 to 84.70): VV010782.D (-438) (-)

Ion 49.00 (48.70 to 49.70): VV010782.D (-438) (-)

Ion 86.00 (85.70 to 86.70): VV010782.D (-438) (-)



#25

Chloroform

Concen: 1.742 ug/L

RT: 4.42 min Scan# 1035

Delta R.T. -0.01 min

Lab File: VV010795.D

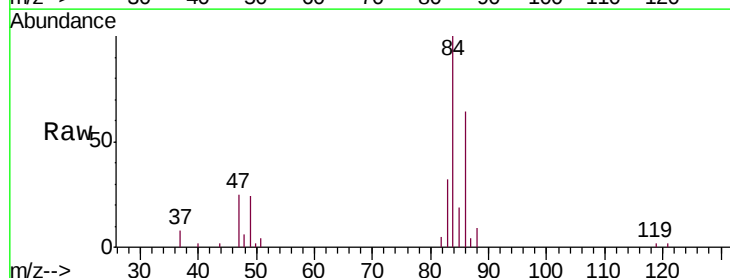
Acq: 10 May 2019 05:08

Tgt Ion: 83 Resp: 5060

Ion Ratio Lower Upper

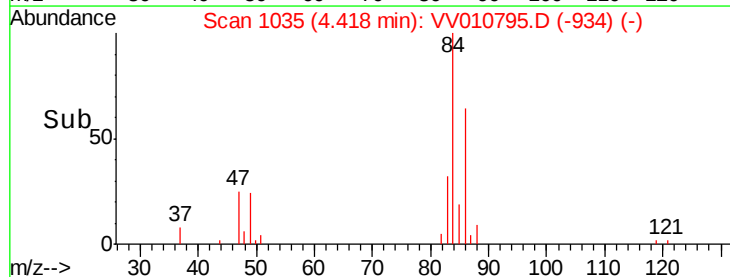
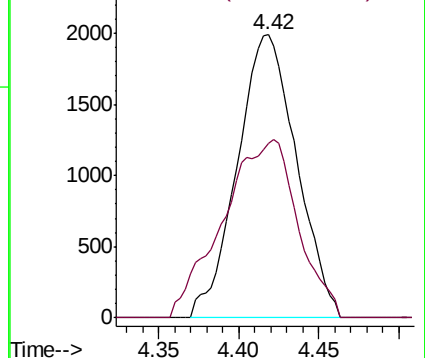
83 100

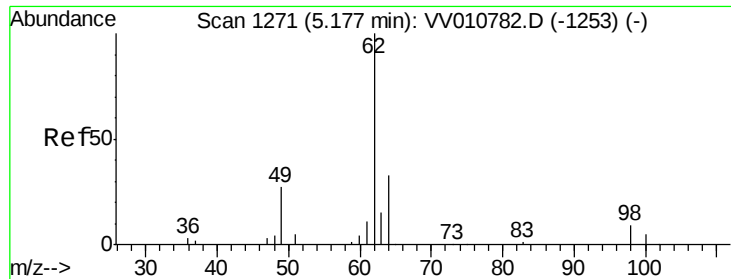
85 79.9 44.6 82.8



Abundance Ion 83.00 (82.70 to 83.70): VV010782.D (-1020) (-)

Ion 85.00 (84.70 to 85.70): VV010782.D (-1020) (-)

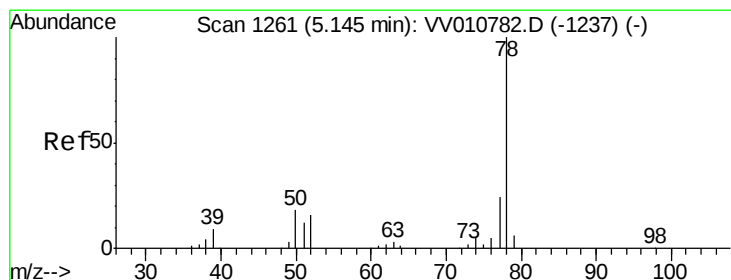
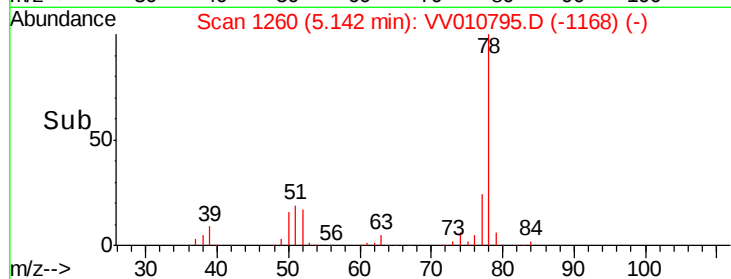
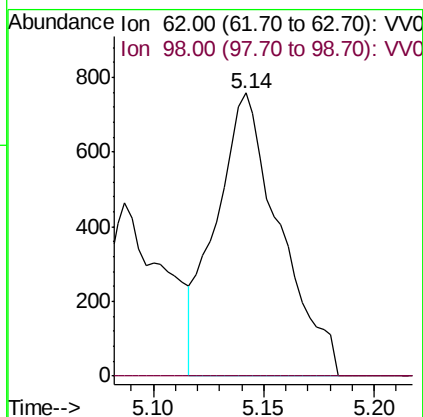
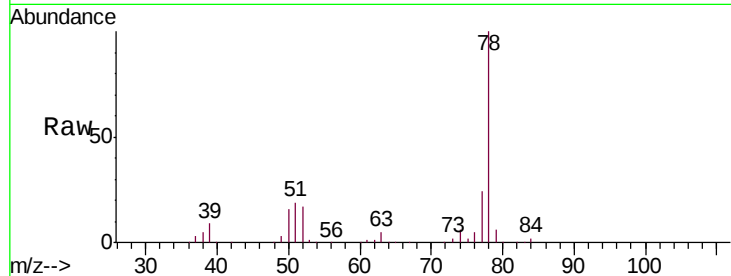




#27
 1,2-Dichloroethane
 Concen: 0.718 ug/L
 RT: 5.14 min Scan# 1260
 Delta R.T. -0.04 min
 Lab File: VV010795.D
 Acq: 10 May 2019 05:08

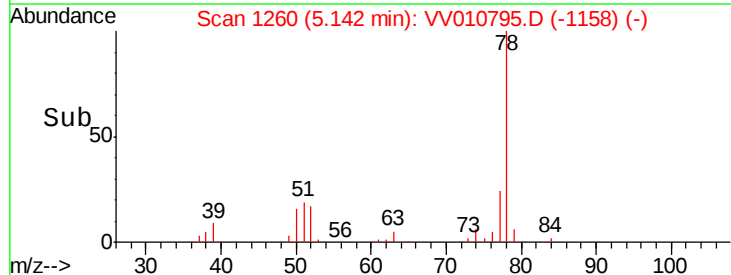
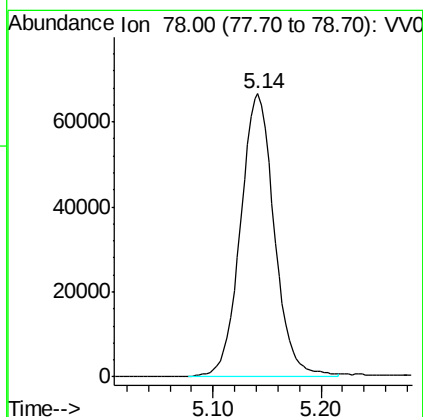
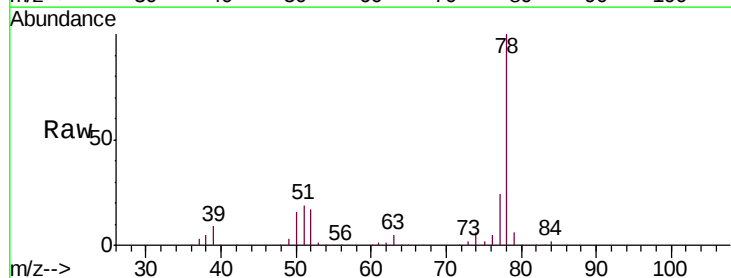
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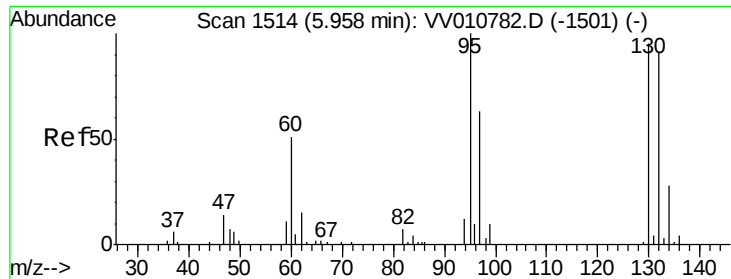
Tgt Ion: 62 Resp: 1525
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.3 9.5#



#34
 Benzene
 Concen: 26.352 ug/L
 RT: 5.14 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VV010795.D
 Acq: 10 May 2019 05:08

Tgt Ion: 78 Resp: 144464

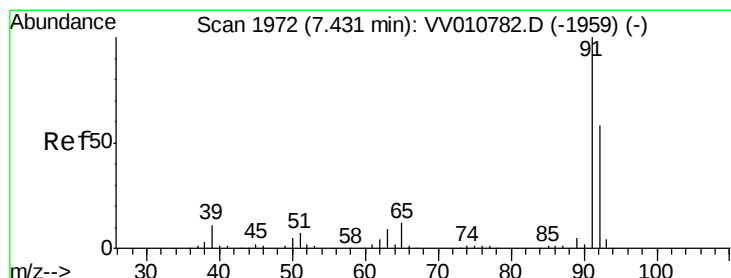
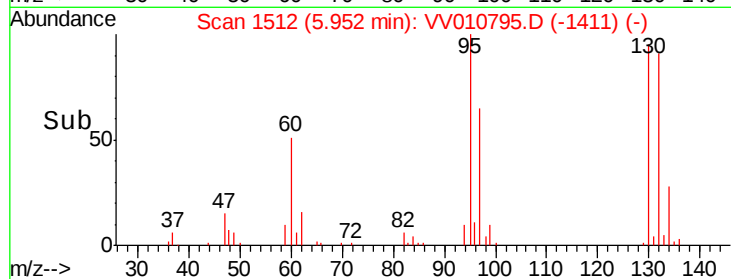
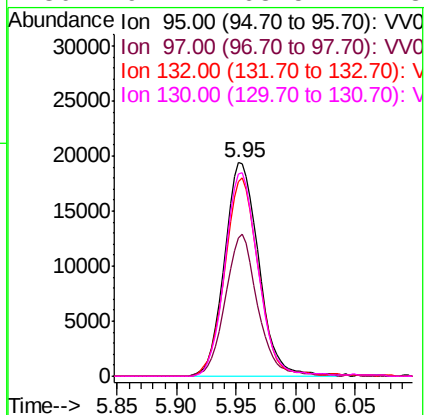
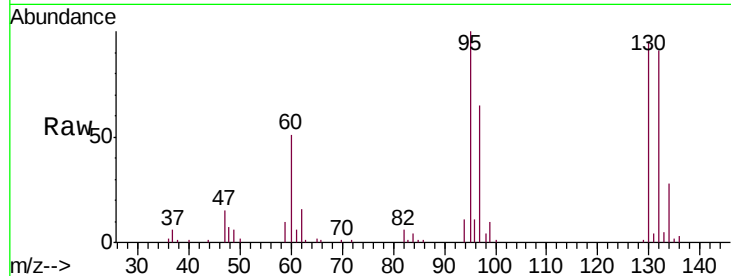




#35
 Trichloroethene
 Concen: 25.277 ug/L
 RT: 5.95 min Scan# 1512
 Delta R.T. -0.01 min
 Lab File: VV010795.D
 Acq: 10 May 2019 05:08

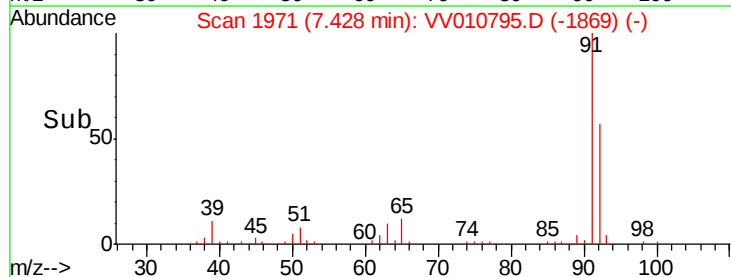
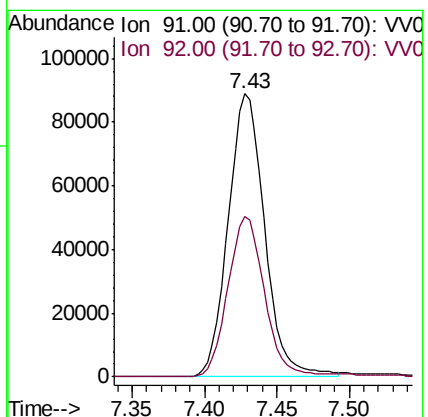
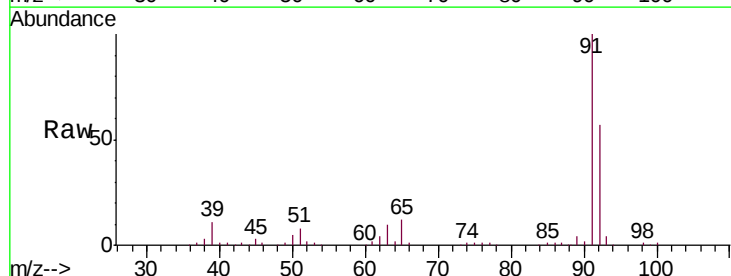
Instrument :
 MSVOA_V
 ClientSampleId :
 DB850MS

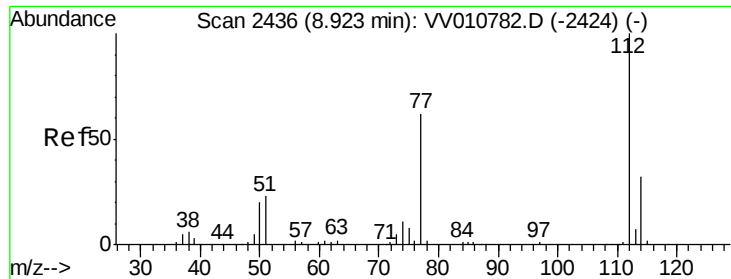
Tgt Ion: 95 Resp: 38815
 Ion Ratio Lower Upper
 95 100
 97 62.7 44.3 82.3
 132 89.9 62.4 115.8
 130 91.4 68.5 127.3



#44
 Toluene
 Concen: 24.955 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VV010795.D
 Acq: 10 May 2019 05:08

Tgt Ion: 91 Resp: 155378
 Ion Ratio Lower Upper
 91 100
 92 56.6 40.1 74.5





#52

Chlorobenzene

Concen: 24.092 ug/L

RT: 8.92 min Scan# 2436

Delta R.T. 0.00 min

Lab File: VV010795.D

Acq: 10 May 2019 05:08

Instrument :

MSVOA_V

ClientSampleId :

DB850MS

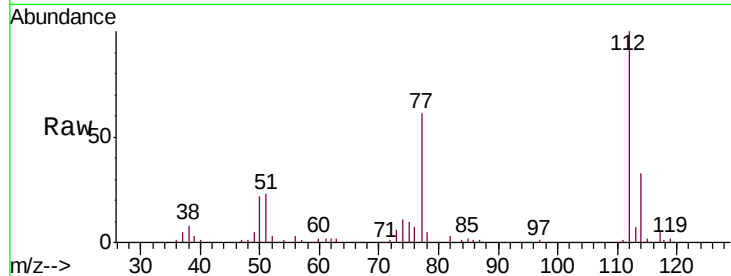
Tgt Ion: 112 Resp: 98000

Ion Ratio Lower Upper

112 100

77 60.5 47.7 71.5

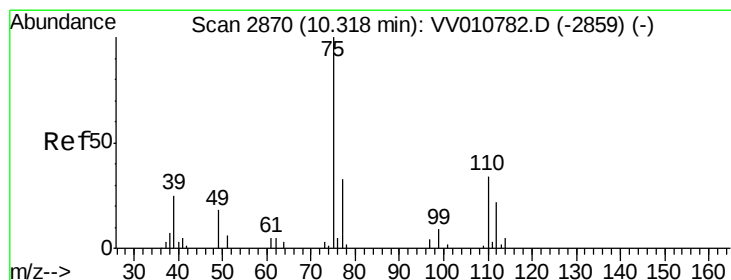
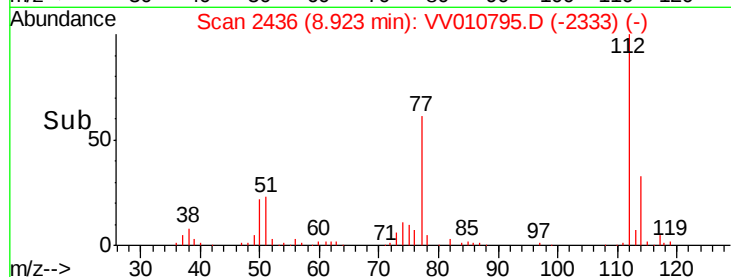
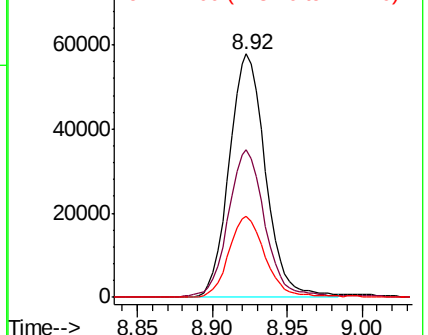
114 33.2 22.1 41.1



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 77.00 (76.70 to 77.70): VV0

Ion 114.00 (113.70 to 114.70): V



#59

1,2,3-Trichloropropane

Concen: 4.549 ug/L

RT: 11.30 min Scan# 3174

Delta R.T. 0.98 min

Lab File: VV010795.D

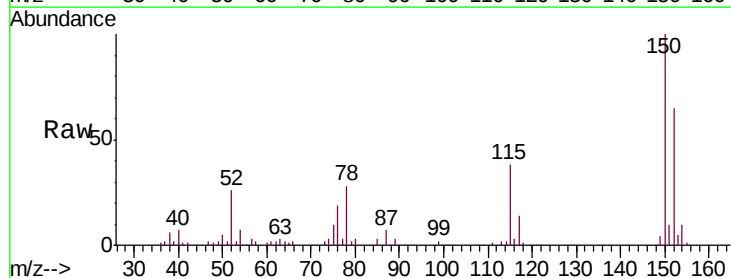
Acq: 10 May 2019 05:08

Tgt Ion: 75 Resp: 5573

Ion Ratio Lower Upper

75 100

77 34.2 25.0 37.6



Abundance Ion 75.00 (74.70 to 75.70): VV0

Ion 77.00 (76.70 to 77.70): VV0

