

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV060819\
 Data File : VV011329.D
 Acq On : 08 Jun 2019 20:17
 Operator : SY/MD
 Sample : K3276-06MSD
 Misc : 25ML/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 DB8E2MSD

Quant Time: Jun 09 00:13:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sun Jun 09 00:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	145899	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	136950	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	53531	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45155	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.55	69	37291	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.12	63	101090	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	3.94	46	119296	47.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.86%
24) Chloroform-d	4.40	84	86299	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	49747	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.09	84	182084	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
36) 1,2-Dichloropropane-d6	6.11	67	55799	4.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.40%
41) Toluene-d8	7.36	98	161980	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
43) trans-1,3-Dichloropropene-	7.66	79	16839	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
46) 2-Hexanone-d5	8.13	63	91288	44.92	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.84%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36993	4.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	51431	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

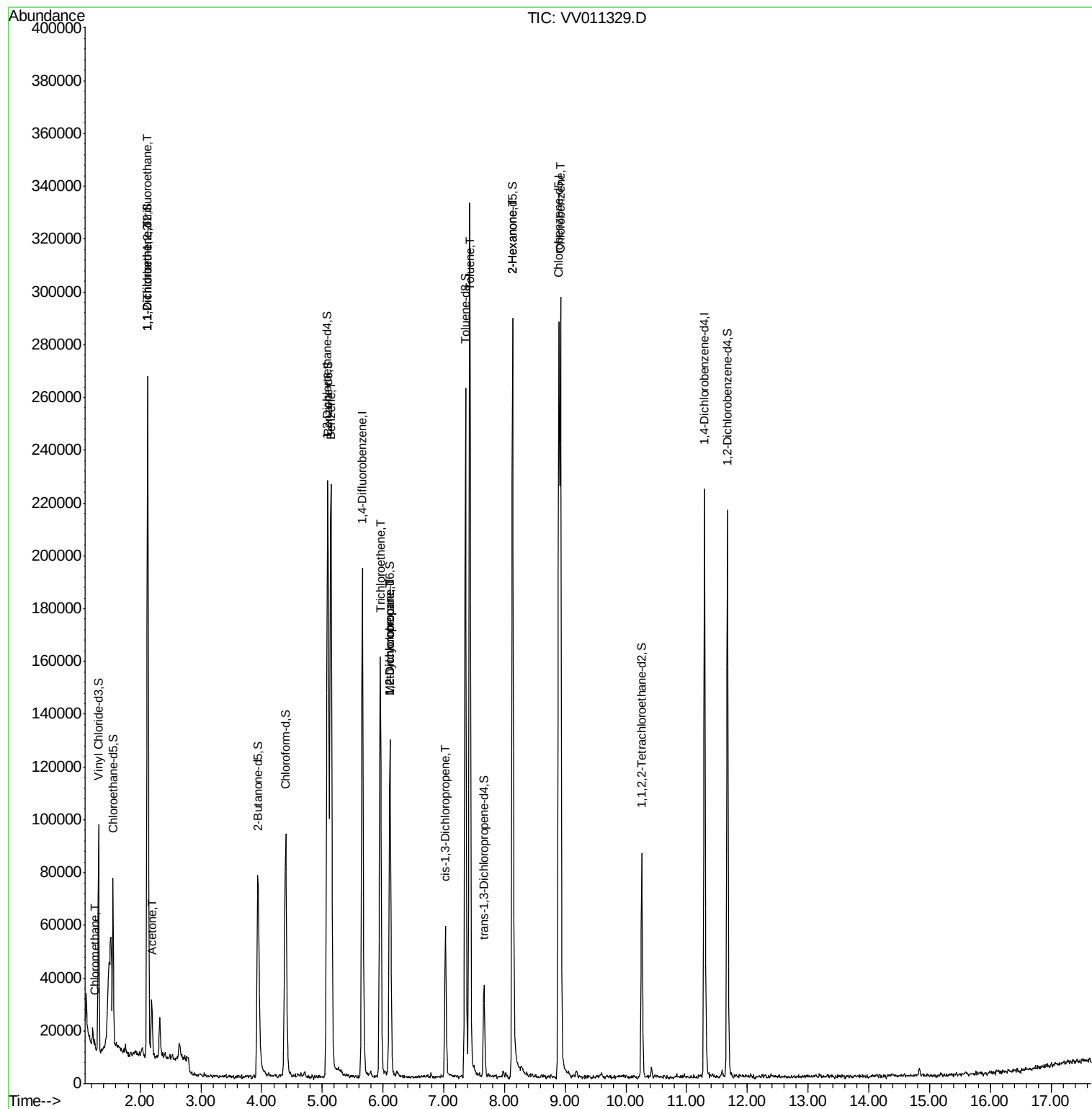
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.25	50	1752	0.126	ug/L	92
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	887	0.094	ug/L #	22
12) 1,1-Dichloroethene	2.13	96	45425	4.942	ug/L	99
13) Acetone	2.19	43	9183	5.503	ug/L	98
33) Benzene	5.14	78	212916	4.886	ug/L	100
34) Trichloroethene	5.96	95	53568	4.758	ug/L	96
35) Methylcyclohexane	6.12	83	13418	0.721	ug/L #	16
37) 1,2-Dichloropropane	6.12	63	6895	0.636	ug/L #	87
39) cis-1,3-Dichloropropene	7.02	75	1789	0.113	ug/L #	62
42) Toluene	7.43	91	223526	4.813	ug/L	98
48) 2-Hexanone	8.14	43	13505	2.804	ug/L #	72
51) Chlorobenzene	8.92	112	136558	4.821	ug/L	100

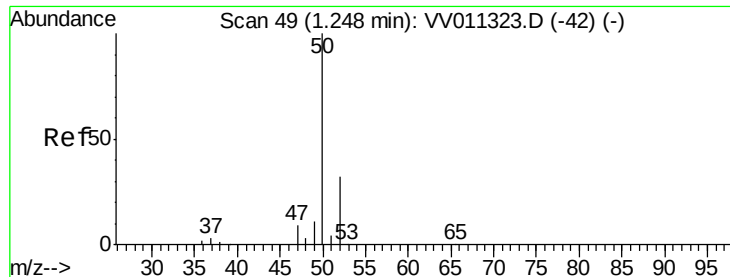
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.126 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV011329.D

Acq: 08 Jun 2019 20:17

Instrument :

MSVOA_V

ClientSampleId :

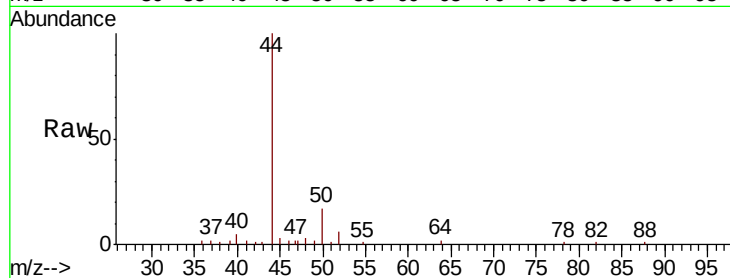
DB8E2MSD

Tgt Ion: 50 Resp: 1752

Ion Ratio Lower Upper

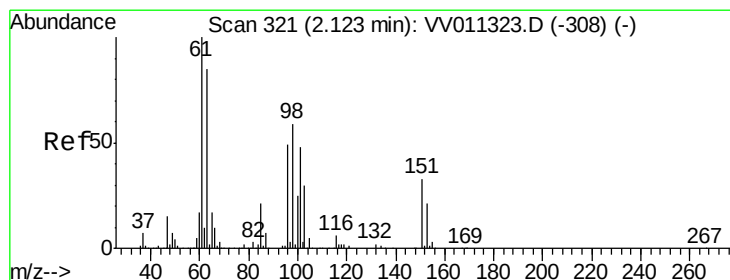
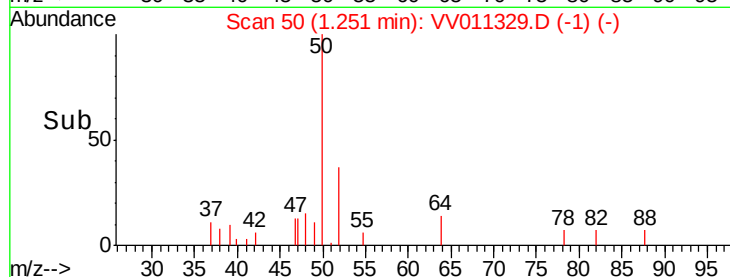
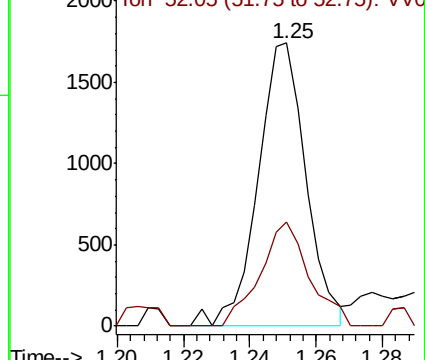
50 100

52 36.6 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV011329.D (-42) (-)

Ion 52.05 (51.75 to 52.75): VV011329.D (-42) (-)



#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.094 ug/L

RT: 2.12 min Scan# 320

Delta R.T. -0.00 min

Lab File: VV011329.D

Acq: 08 Jun 2019 20:17

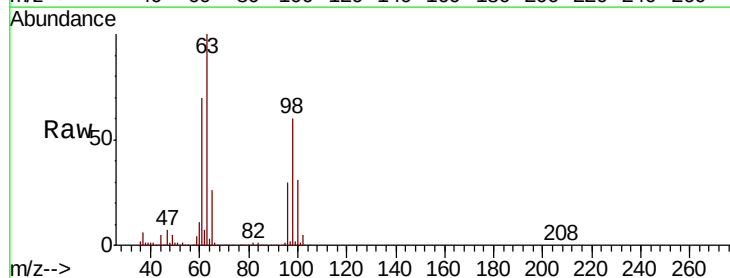
Tgt Ion: 101 Resp: 887

Ion Ratio Lower Upper

101 100

85 2.3 35.5 53.3#

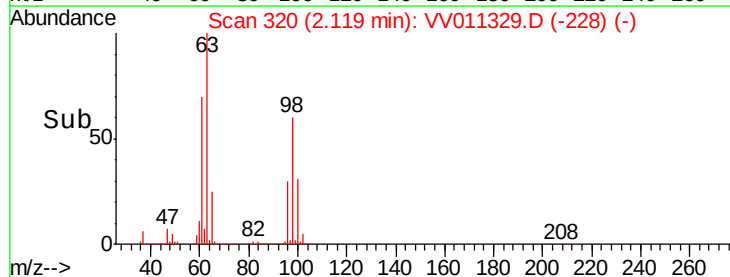
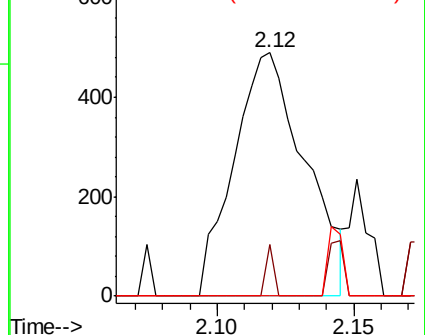
151 0.0 56.9 85.3#

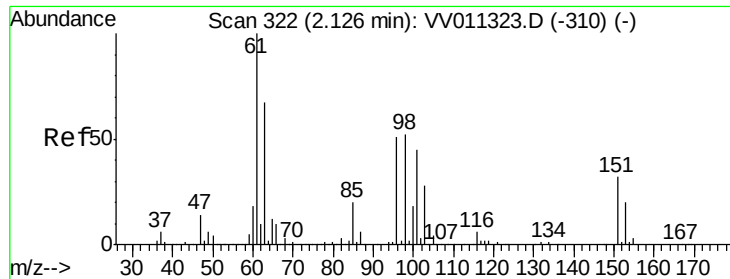


Abundance Ion 101.00 (100.70 to 101.70): VV011329.D (-308) (-)

Ion 85.00 (84.70 to 85.70): VV011329.D (-308) (-)

Ion 151.00 (150.70 to 151.70): VV011329.D (-308) (-)

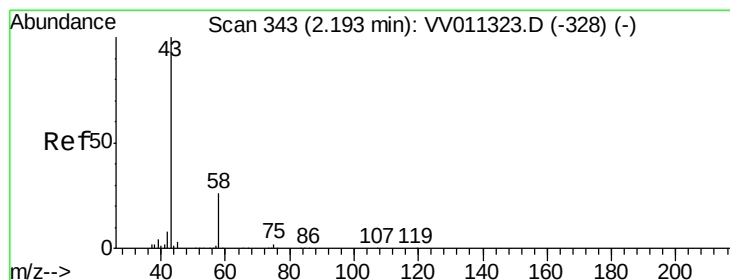
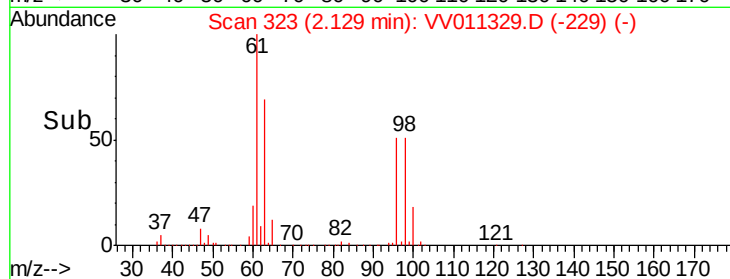
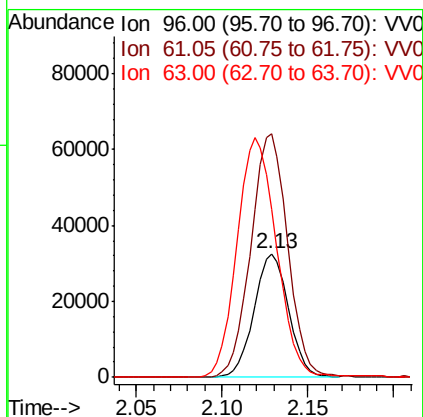
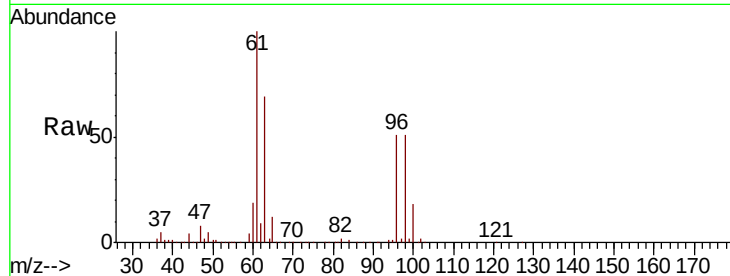




#12
 1,1-Dichloroethene
 Concen: 4.942 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. 0.00 min
 Lab File: VV011329.D
 Acq: 08 Jun 2019 20:17

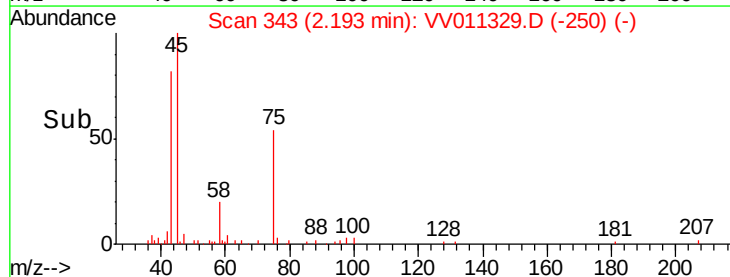
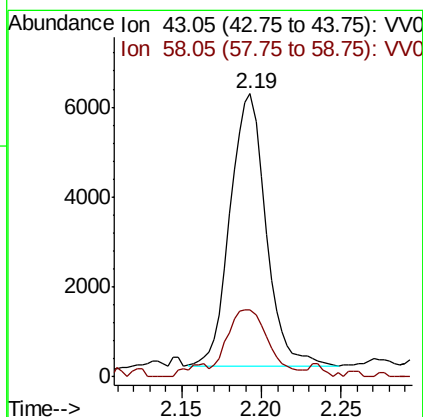
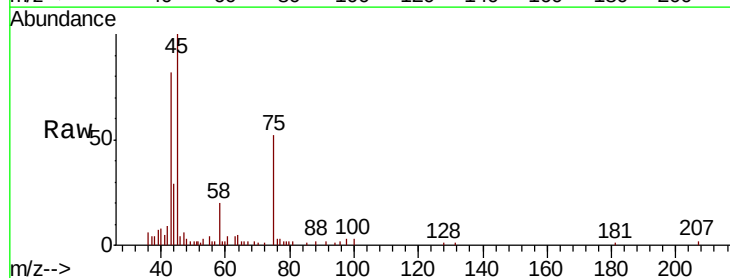
Instrument :
 MSVOA_V
 ClientSampleId :
 DB8E2MSD

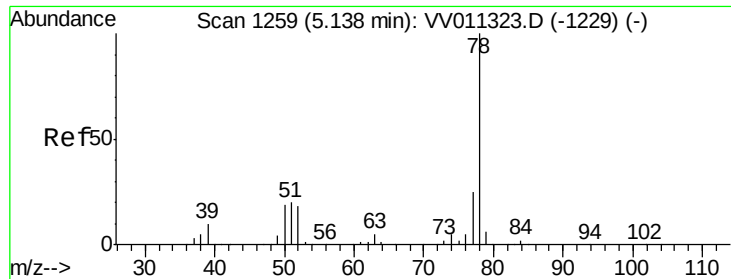
Tgt Ion: 96 Resp: 45425
 Ion Ratio Lower Upper
 96 100
 61 196.7 139.8 259.6
 63 135.5 94.3 175.1



#13
 Acetone
 Concen: 5.503 ug/L
 RT: 2.19 min Scan# 343
 Delta R.T. -0.00 min
 Lab File: VV011329.D
 Acq: 08 Jun 2019 20:17

Tgt Ion: 43 Resp: 9183
 Ion Ratio Lower Upper
 43 100
 58 28.8 0.0 55.2





#33

Benzene

Concen: 4.886 ug/L

RT: 5.14 min Scan# 1260

Delta R.T. 0.00 min

Lab File: VV011329.D

Acq: 08 Jun 2019 20:17

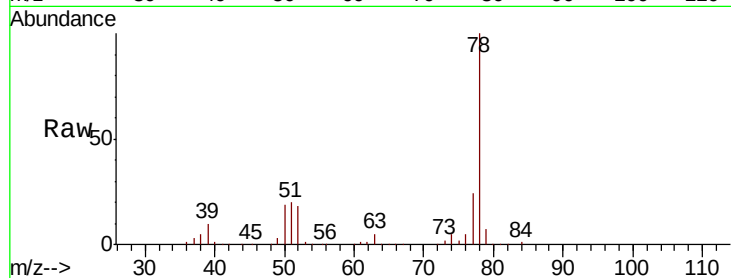
Instrument :

MSVOA_V

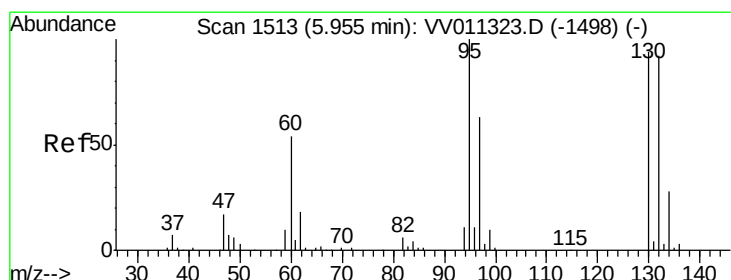
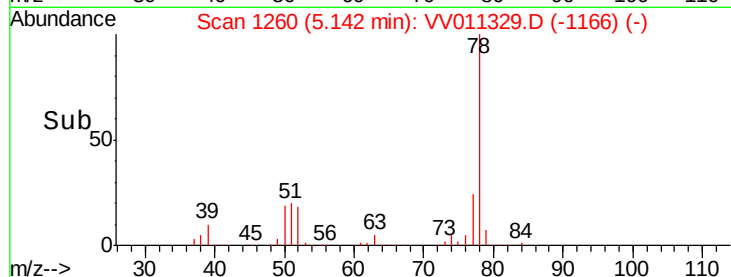
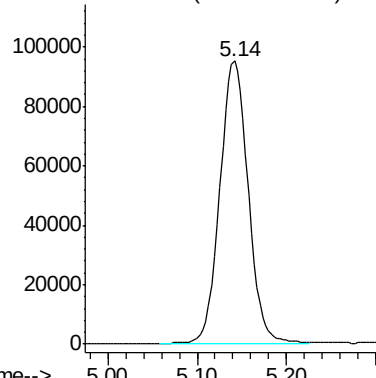
ClientSampleId :

DB8E2MSD

Tgt Ion: 78 Resp: 212916



Abundance Ion 78.10 (77.80 to 78.80): VV0



#34

Trichloroethene

Concen: 4.758 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VV011329.D

Acq: 08 Jun 2019 20:17

Tgt Ion: 95 Resp: 53568

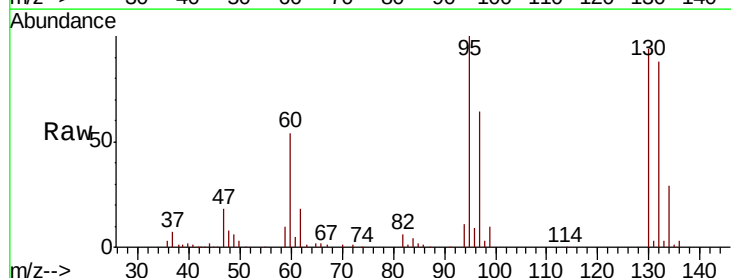
Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.8	85.2
132	88.1	66.4	123.2
130	94.2	68.3	126.8

Ion 95.00 (94.70 to 95.70): VV0

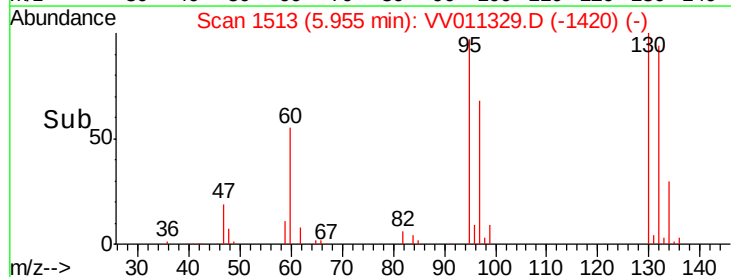
Ion 96.95 (96.65 to 97.65): VV0

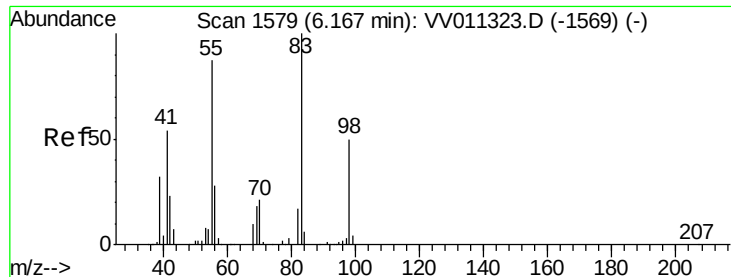
Ion 131.95 (131.65 to 132.65): VV0

Ion 129.95 (129.65 to 130.65): VV0



Abundance Ion 95.00 (94.70 to 95.70): VV0





#35

Methylcyclohexane

Concen: 0.721 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.05 min

Lab File: VV011329.D

Acq: 08 Jun 2019 20:17

Instrument :

MSVOA_V

ClientSampleId :

DB8E2MSD

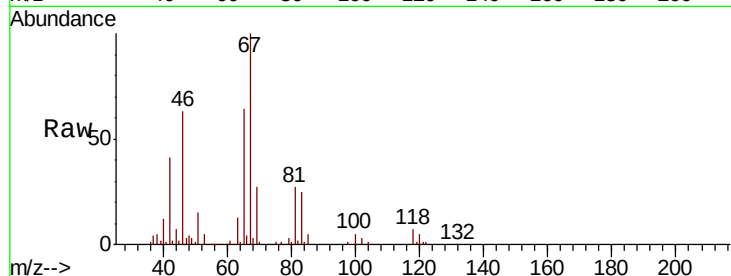
Tgt Ion: 83 Resp: 13418

Ion Ratio Lower Upper

83 100

55 1.9 67.0 100.6#

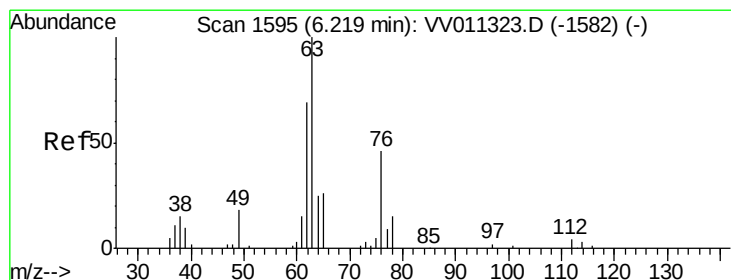
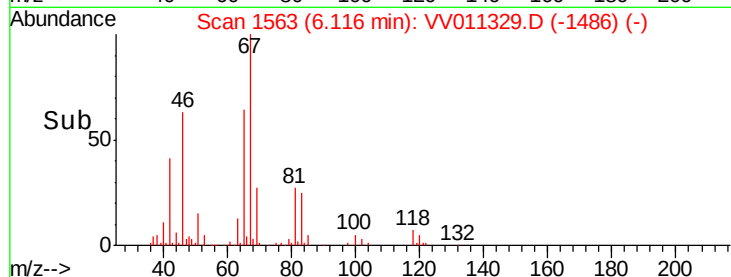
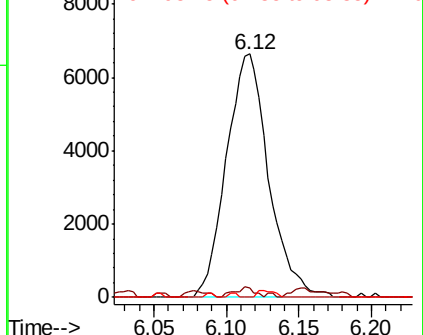
98 0.0 40.0 60.0#



Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0



#37

1,2-Dichloropropane

Concen: 0.636 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV011329.D

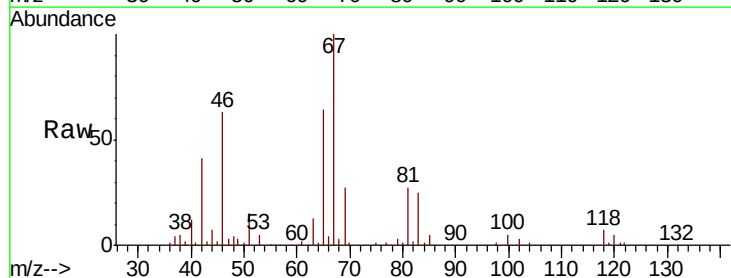
Acq: 08 Jun 2019 20:17

Tgt Ion: 63 Resp: 6895

Ion Ratio Lower Upper

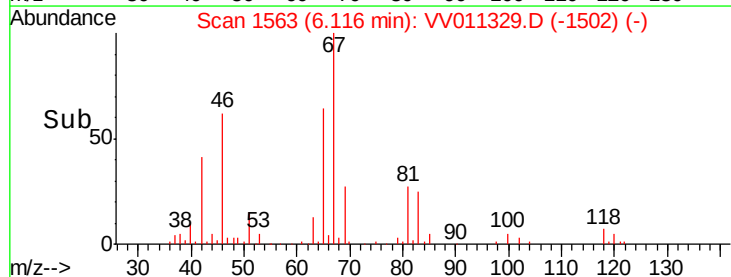
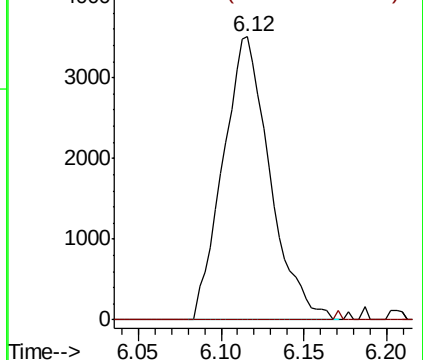
63 100

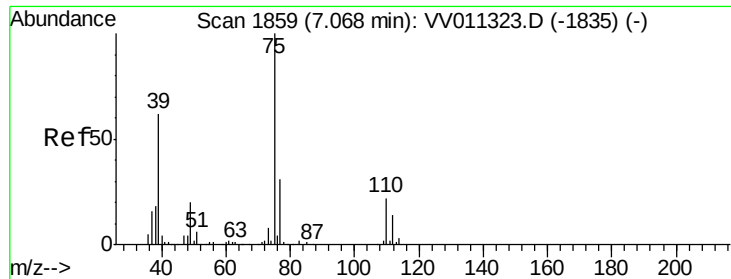
112 0.3 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V

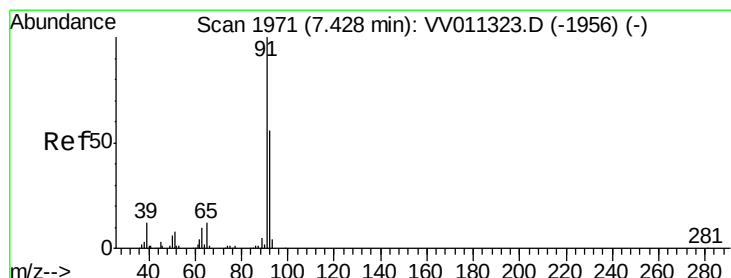
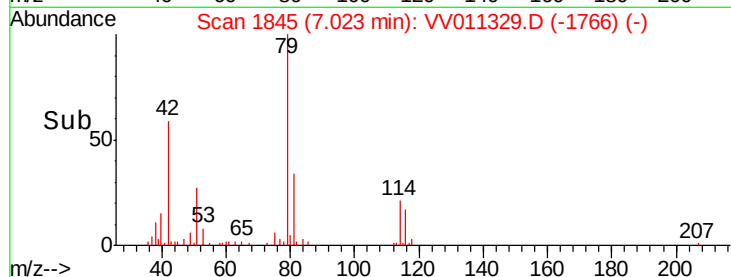
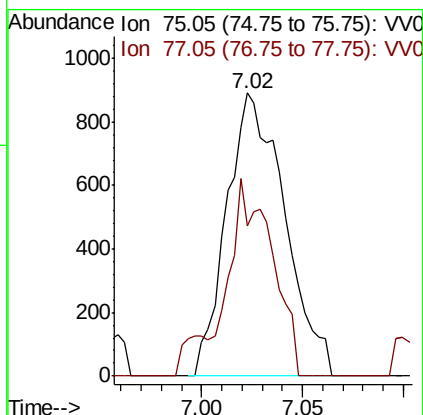
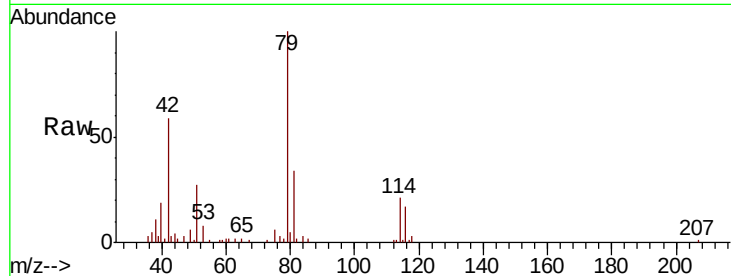




#39
 cis-1,3-Dichloropropene
 Concen: 0.113 ug/L
 RT: 7.02 min Scan# 1845
 Delta R.T. -0.05 min
 Lab File: VV011329.D
 Acq: 08 Jun 2019 20:17

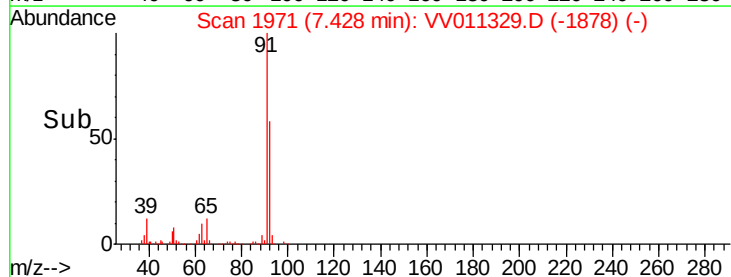
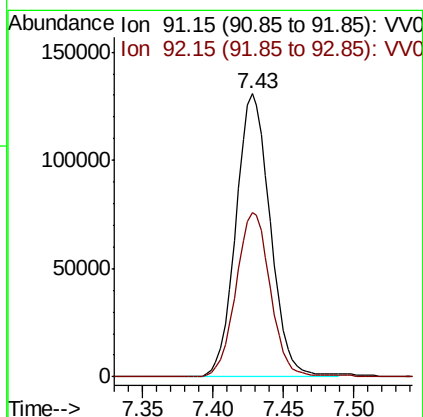
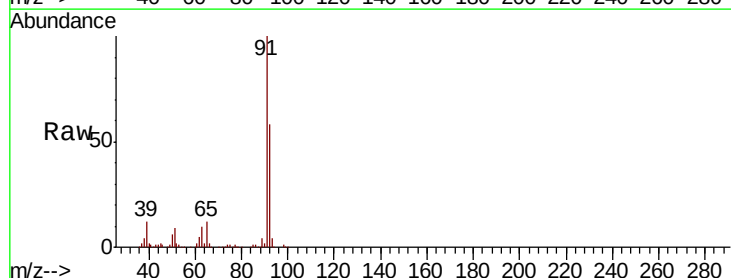
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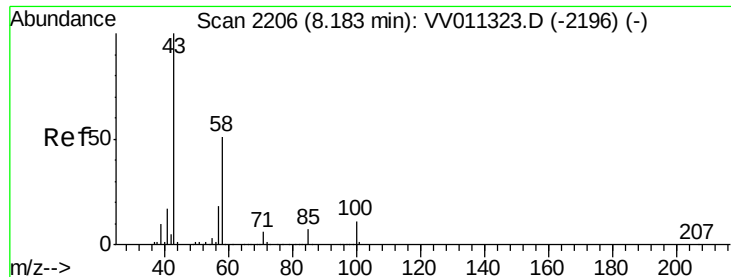
Tgt Ion: 75 Resp: 1789
 Ion Ratio Lower Upper
 75 100
 77 53.0 22.2 41.2#



#42
 Toluene
 Concen: 4.813 ug/L
 RT: 7.43 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: VV011329.D
 Acq: 08 Jun 2019 20:17

Tgt Ion: 91 Resp: 223526
 Ion Ratio Lower Upper
 91 100
 92 58.2 39.9 74.1

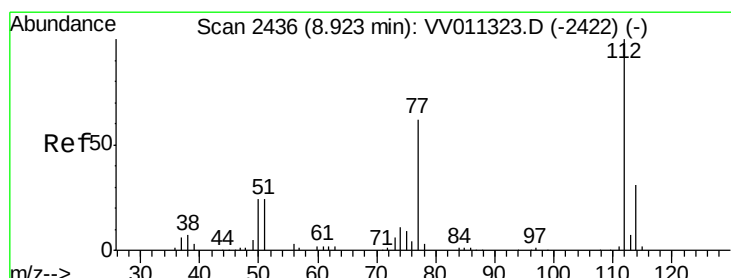
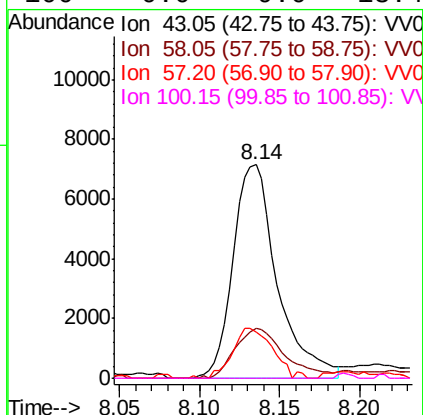
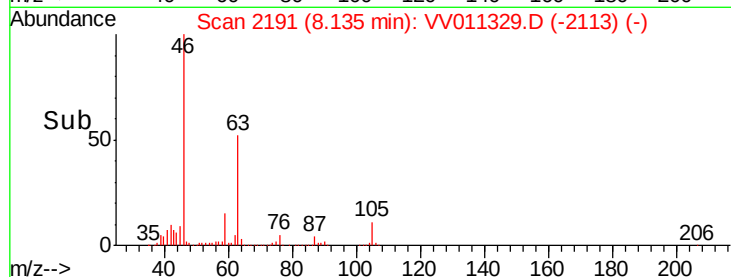
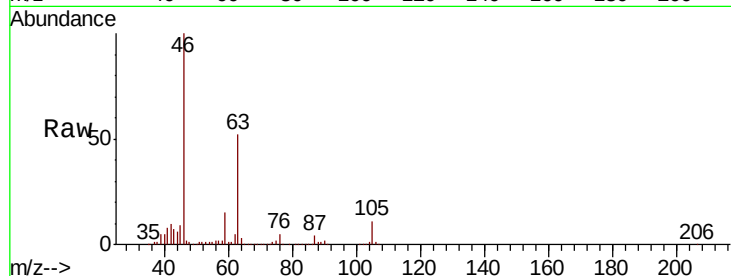




#48
2-Hexanone
Concen: 2.804 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV011329.D
Acq: 08 Jun 2019 20:17

Instrument :
MSVOA_V
ClientSampleId :
DB8E2MSD

Tgt Ion: 43 Resp: 13505
Ion Ratio Lower Upper
43 100
58 26.3 41.4 62.0#
57 21.2 15.0 22.4
100 0.0 9.0 13.4#



#51
Chlorobenzene
Concen: 4.821 ug/L
RT: 8.92 min Scan# 2436
Delta R.T. -0.00 min
Lab File: VV011329.D
Acq: 08 Jun 2019 20:17

Tgt Ion: 112 Resp: 136558
Ion Ratio Lower Upper
112 100
114 31.9 22.6 42.0
77 62.5 50.1 75.1

