

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042220\
 Data File : VV015644.D
 Acq On : 23 Apr 2020 00:18
 Operator : SY/MD
 Sample : L2370-08
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 03:13:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Apr 23 03:05:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	125522	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	121623	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	55060	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30670	4.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.60%
7) Chloroethane-d5	1.58	69	30276	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.12	63	46399	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.91	46	97520	46.30	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	92.60%
24) Chloroform-d	4.38	84	70586	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.06	65	41463	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
32) Benzene-d6	5.08	84	137862	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.09	67	43070	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.34	98	126254	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.60%
43) trans-1,3-Dichloropropene-	7.65	79	11305	3.15	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	63.00%
46) 2-Hexanone-d5	8.11	63	75967	43.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.86%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	30928	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.60%
64) 1,2-Dichlorobenzene-d4	11.65	152	46686	4.99	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.80%

Target Compounds

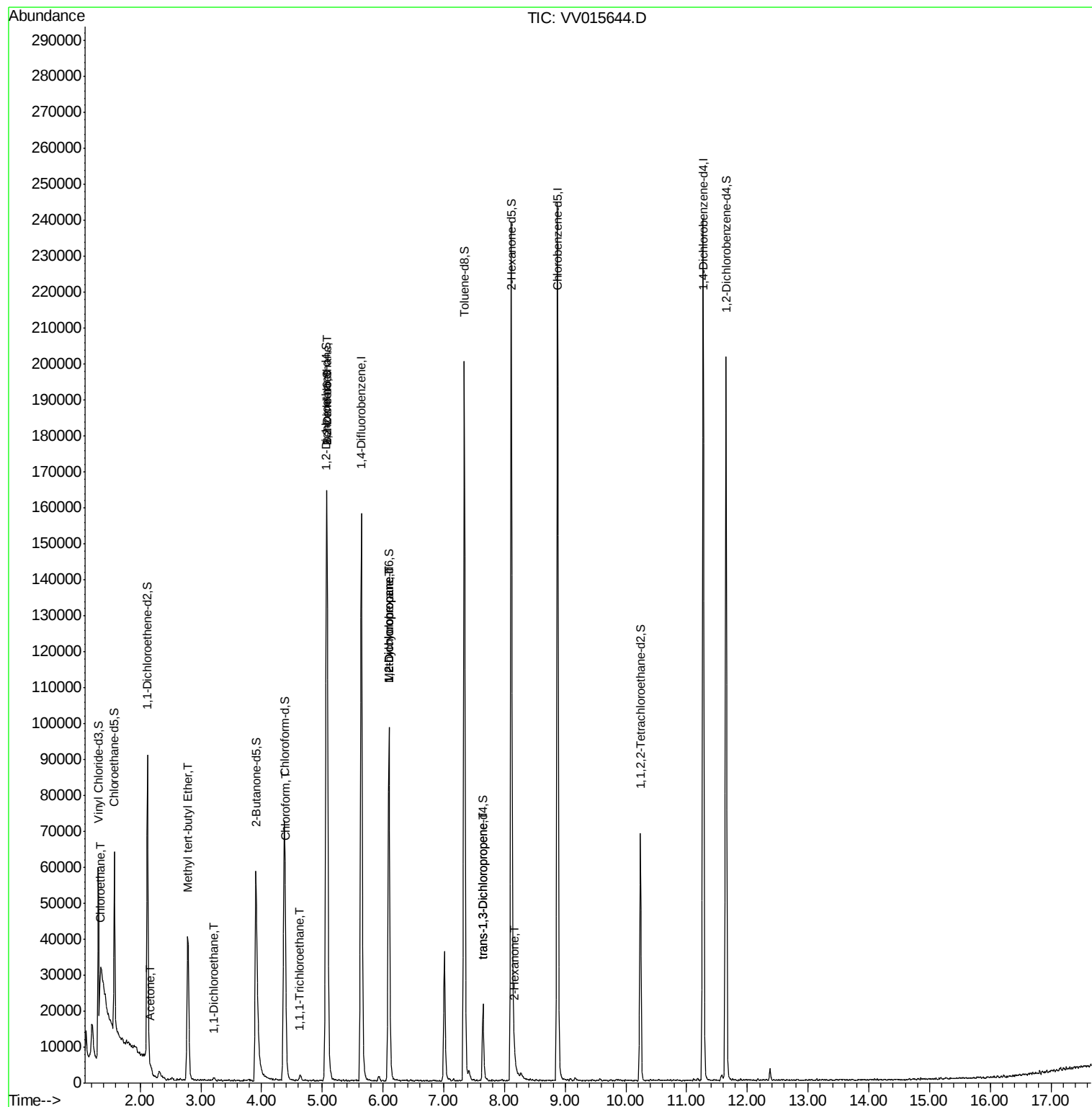
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.35	64	67940	10.413	ug/L #	52
13) Acetone	2.18	43	1664	1.138	ug/L	93
17) Methyl tert-butyl Ether	2.79	73	38185	1.862	ug/L	99
19) 1,1-Dichloroethane	3.21	63	1181	0.074	ug/L #	88
25) Chloroform	4.40	83	2412	0.141	ug/L	97
27) 1,2-Dichloroethane	5.07	62	1077	0.096	ug/L #	78
29) 1,1,1-Trichloroethane	4.63	97	1395	0.090	ug/L #	41
35) Methylcyclohexane	6.10	83	10702	0.727	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5710	0.646	ug/L #	86
44) trans-1,3-Dichloropropene	7.64	75	648	0.063	ug/L	91
48) 2-Hexanone	8.17	43	1770	0.433	ug/L #	88

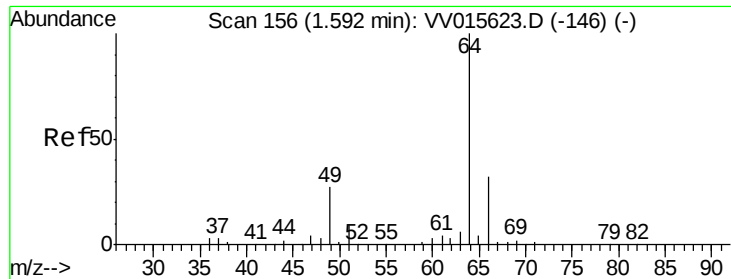
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Chloroethane

Concen: 10.413 ug/L

RT: 1.35 min Scan# 80

Delta R.T. -0.24 min

Lab File: VV015644.D

Acq: 23 Apr 2020 00:18

Instrument :

MSVOA_V

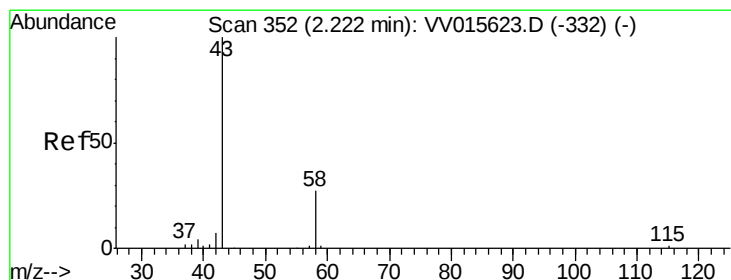
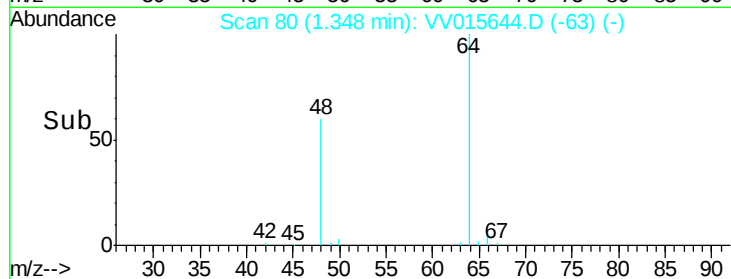
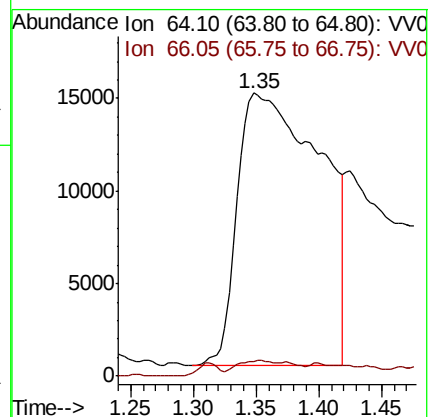
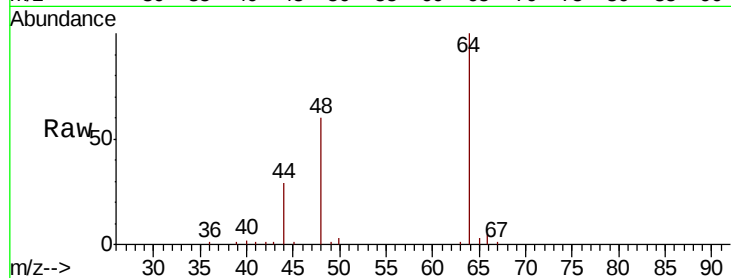
ClientSampleId :

Tot Ion: 64 Resp: 67940

Ion Ratio Lower Upper

64 100

66 5.4 22.3 41.5#



#13

Acetone

Concen: 1.138 ug/L

RT: 2.18 min Scan# 339

Delta R.T. -0.04 min

Lab File: VV015644.D

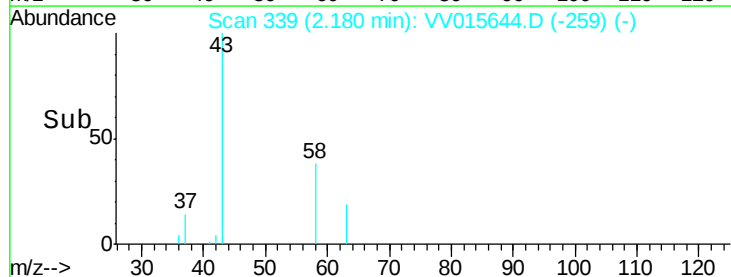
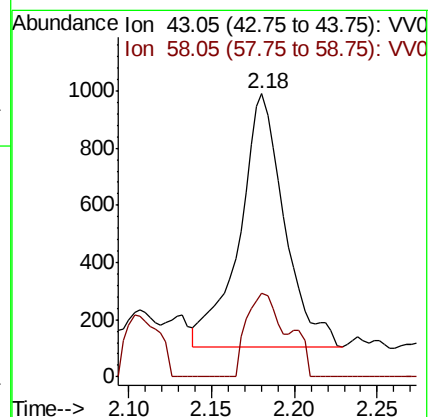
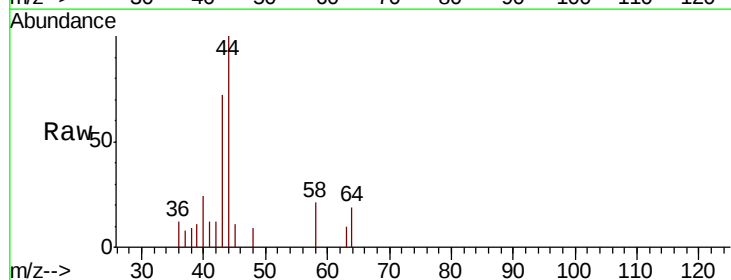
Acq: 23 Apr 2020 00:18

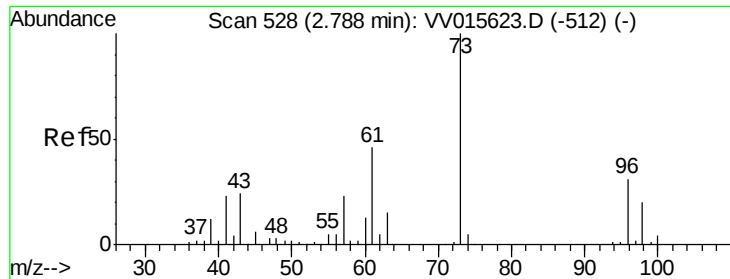
Tgt Ion: 43 Resp: 1664

Ion Ratio Lower Upper

43 100

58 24.9 0.0 57.6

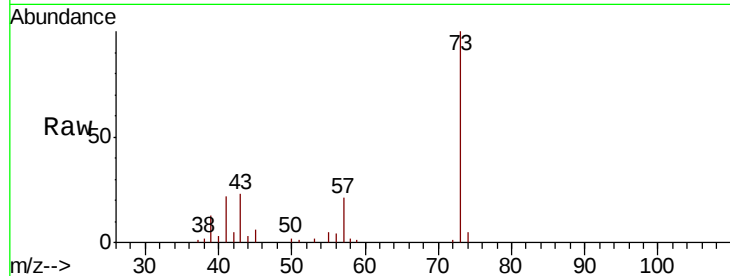




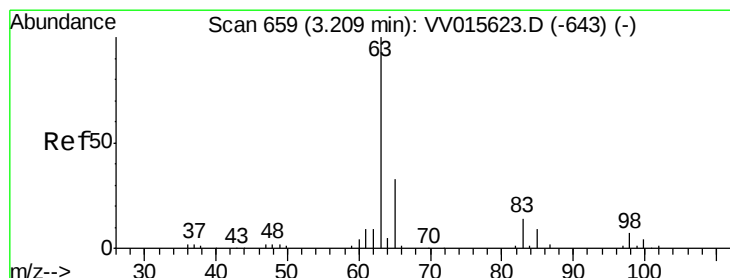
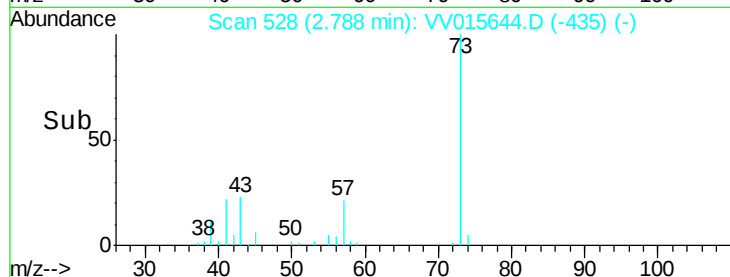
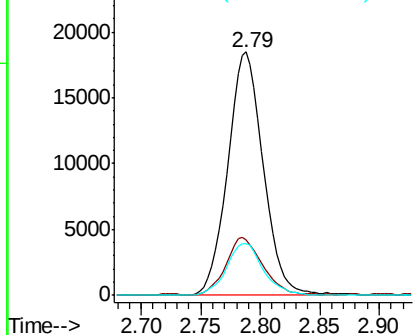
#17
Methvl tert-butvl Ether
Concen: 1.862 ug/L
RT: 2.79 min Scan# 528
Delta R.T. 0.00 min
Lab File: VV015644.D
Acq: 23 Apr 2020 00:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 73 Resp: 38185
Ion Ratio Lower Upper
73 100
43 24.6 20.1 30.1
57 22.0 17.8 26.8

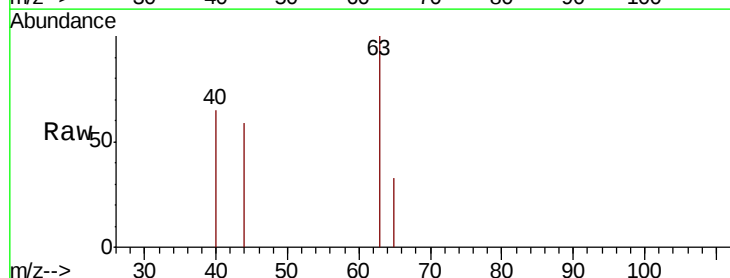


Abundance Ion 73.10 (72.80 to 73.80): VV0
Ion 43.05 (42.75 to 43.75): VV0
Ion 57.10 (56.80 to 57.80): VV0

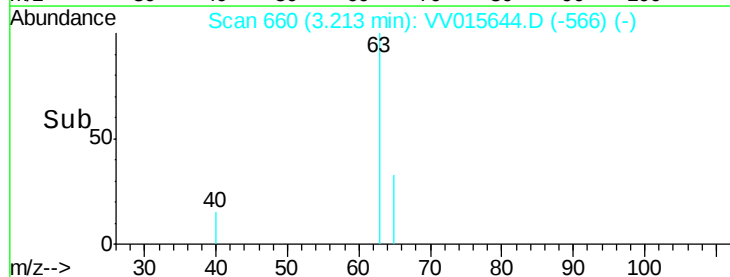
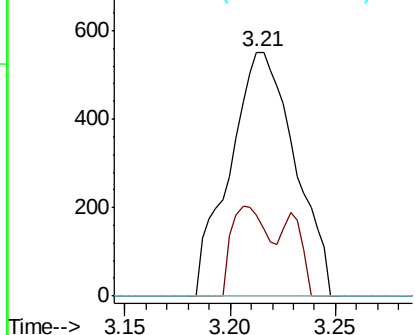


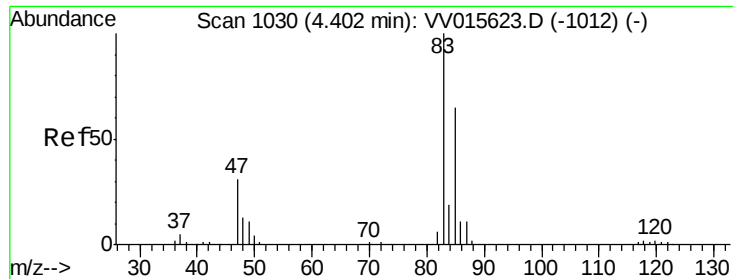
#19
1,1-Dichloroethane
Concen: 0.074 ug/L
RT: 3.21 min Scan# 660
Delta R.T. 0.00 min
Lab File: VV015644.D
Acq: 23 Apr 2020 00:18

Tgt Ion: 63 Resp: 1181
Ion Ratio Lower Upper
63 100
65 33.2 22.3 41.3
83 0.0 9.3 17.3#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 65.10 (64.80 to 65.80): VV0
Ion 83.05 (82.75 to 83.75): VV0

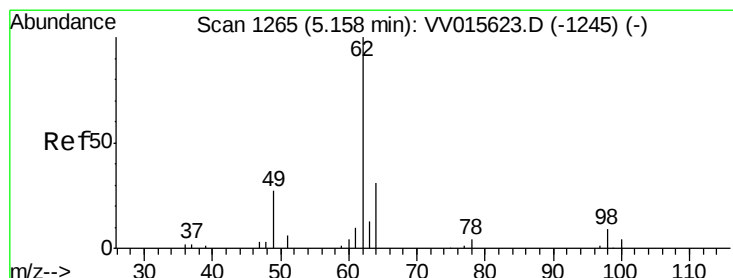
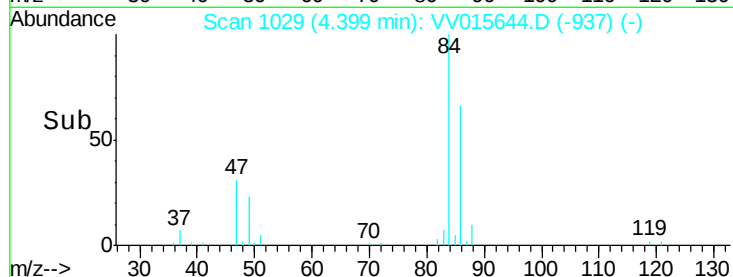
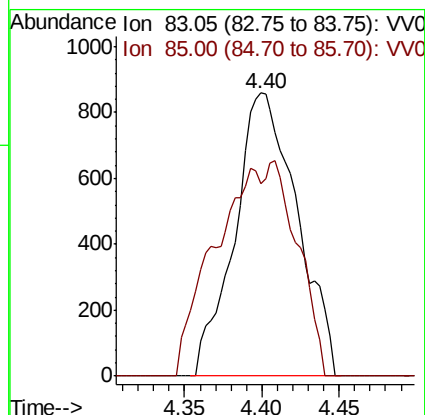
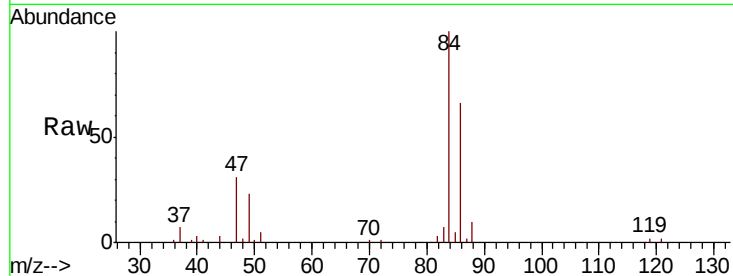




#25
Chloroform
Concen: 0.141 ug/L
RT: 4.40 min Scan# 1029
Delta R.T. -0.00 min
Lab File: VV015644.D
Acq: 23 Apr 2020 00:18

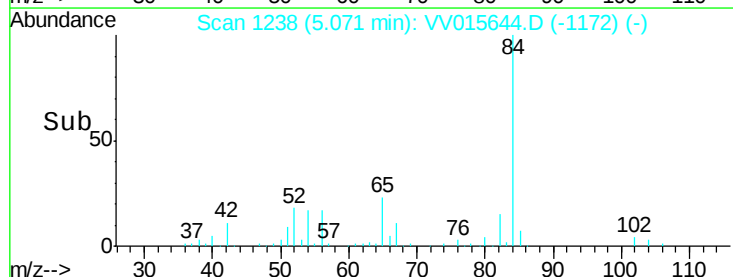
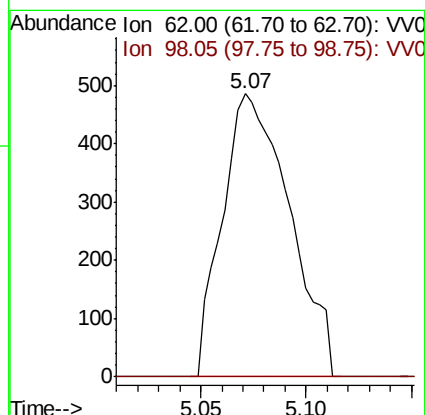
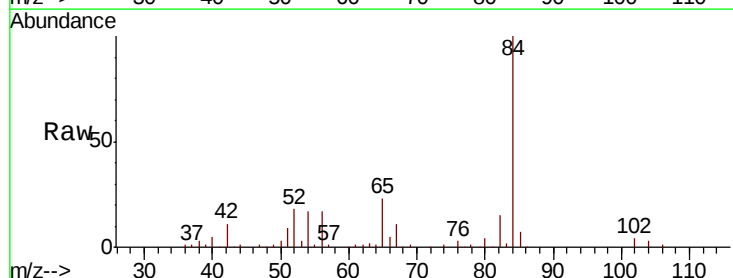
Instrument :
MSVOA_V
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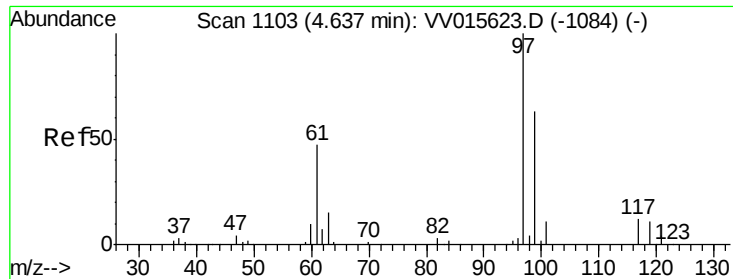
Tot Ion: 83 Resp: 2412
Ion Ratio Lower Upper
83 100
85 68.0 46.1 85.5



#27
1,2-Dichloroethane
Concen: 0.096 ug/L
RT: 5.07 min Scan# 1238
Delta R.T. -0.09 min
Lab File: VV015644.D
Acq: 23 Apr 2020 00:18

Tgt Ion: 62 Resp: 1077
Ion Ratio Lower Upper
62 100
98 0.0 6.3 9.5#

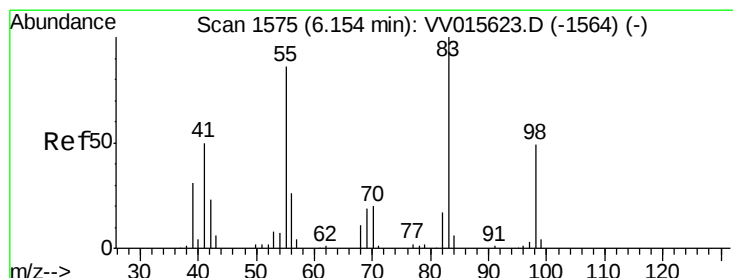
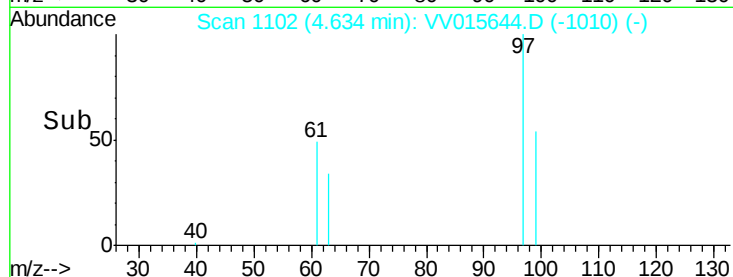
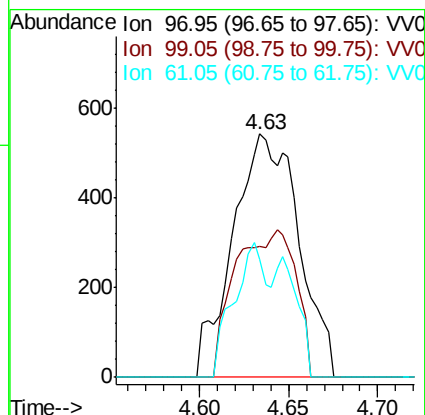
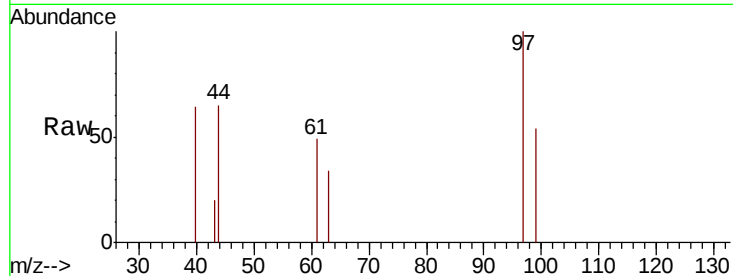




#29
 1,1,1-Trichloroethane
 Concen: 0.090 ug/L
 RT: 4.63 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: VV015644.D
 Acq: 23 Apr 2020 00:18

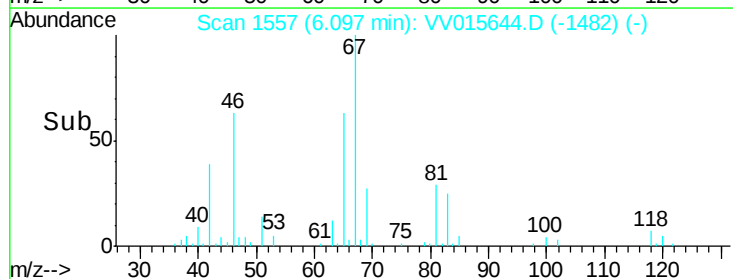
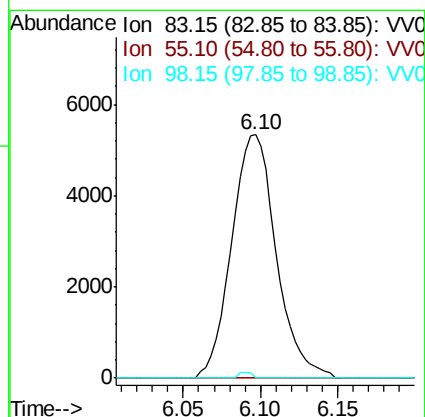
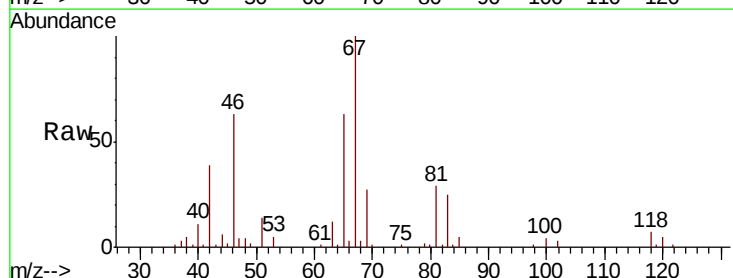
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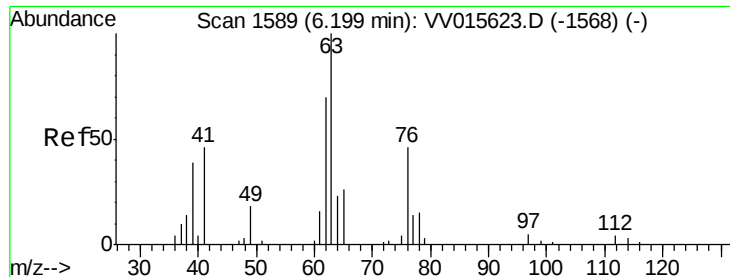
Tot Ion: 97 Resp: 1395
 Ion Ratio Lower Upper
 97 100
 99 0.0 51.6 77.4#
 61 28.5 38.6 57.8#



#35
 Methylcyclohexane
 Concen: 0.727 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015644.D
 Acq: 23 Apr 2020 00:18

Tgt Ion: 83 Resp: 10702
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.7 39.5 59.3#

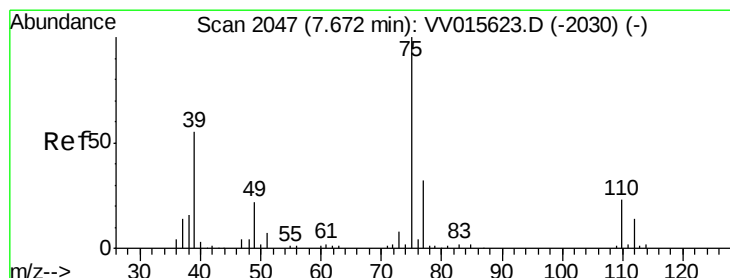
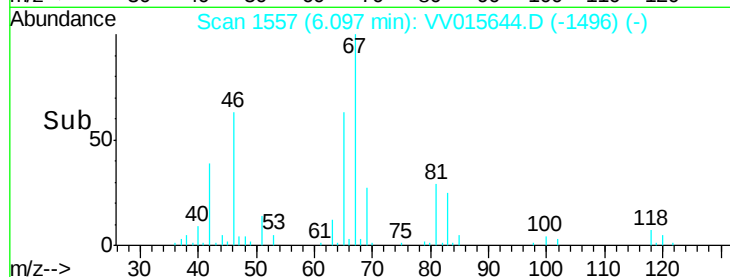
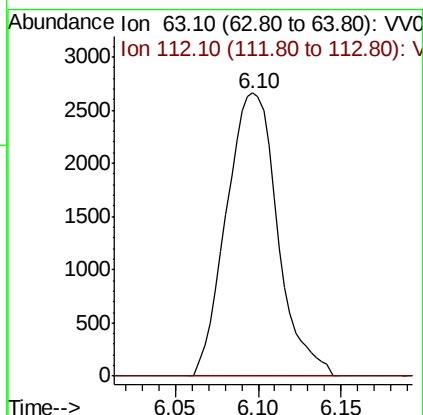
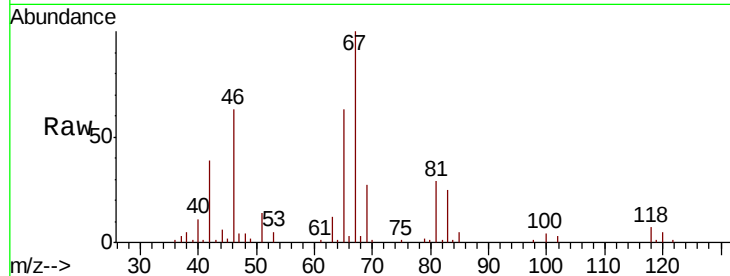




#37
 1,2-Dichloropropane
 Concen: 0.646 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015644.D
 Acq: 23 Apr 2020 00:18

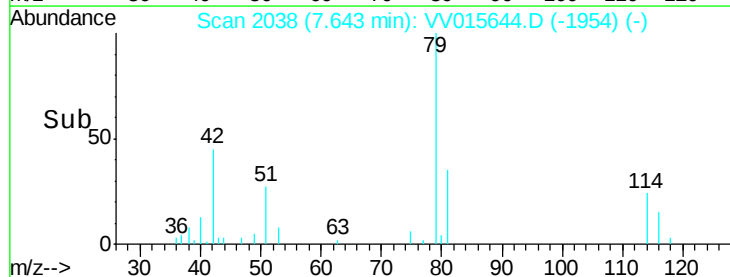
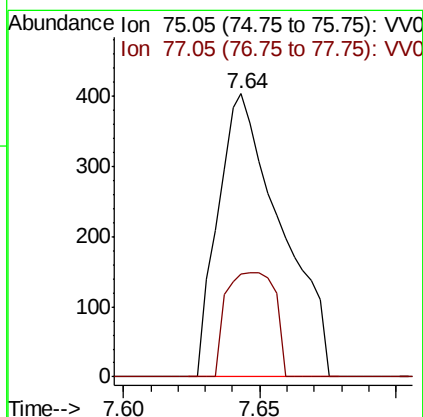
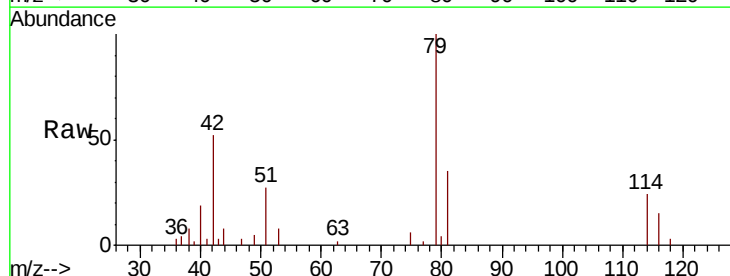
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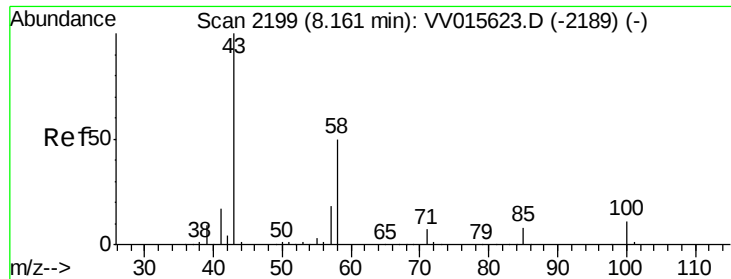
Tot Ion: 63 Resp: 5710
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#44
 trans-1,3-Dichloropropene
 Concen: 0.063 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV015644.D
 Acq: 23 Apr 2020 00:18

Tgt Ion: 75 Resp: 648
 Ion Ratio Lower Upper
 75 100
 77 36.2 21.8 40.6





#48

2-Hexanone

Concen: 0.433 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015644.D

Acq: 23 Apr 2020 00:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:	43	Resp:	1770
Ion	Ratio	Lower	Upper
43	100		
58	59.4	41.1	61.7
57	19.4	15.0	22.4
100	0.0	9.0	13.4

