

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV041420\
 Data File : VV015471.D
 Acq On : 14 Apr 2020 19:12
 Operator : SY/MD
 Sample : L2273-13
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 YAQ91

Quant Time: Apr 15 02:25:01 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR040920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Apr 15 02:17:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	116670	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	110034	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53794	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	32499	5.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	107.40%
7) Chloroethane-d5	1.58	69	28663	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.12	63	44807	3.51	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.20%
20) 2-Butanone-d5	3.95	46	80324	47.26	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.52%
24) Chloroform-d	4.38	84	60043	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.06	65	34300	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.08	84	120748	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.09	67	37287	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.00%
41) Toluene-d8	7.34	98	114340	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.65	79	14953	4.52	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.40%
46) 2-Hexanone-d5	8.11	63	65418	41.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.04%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26769	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.65	152	41846	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

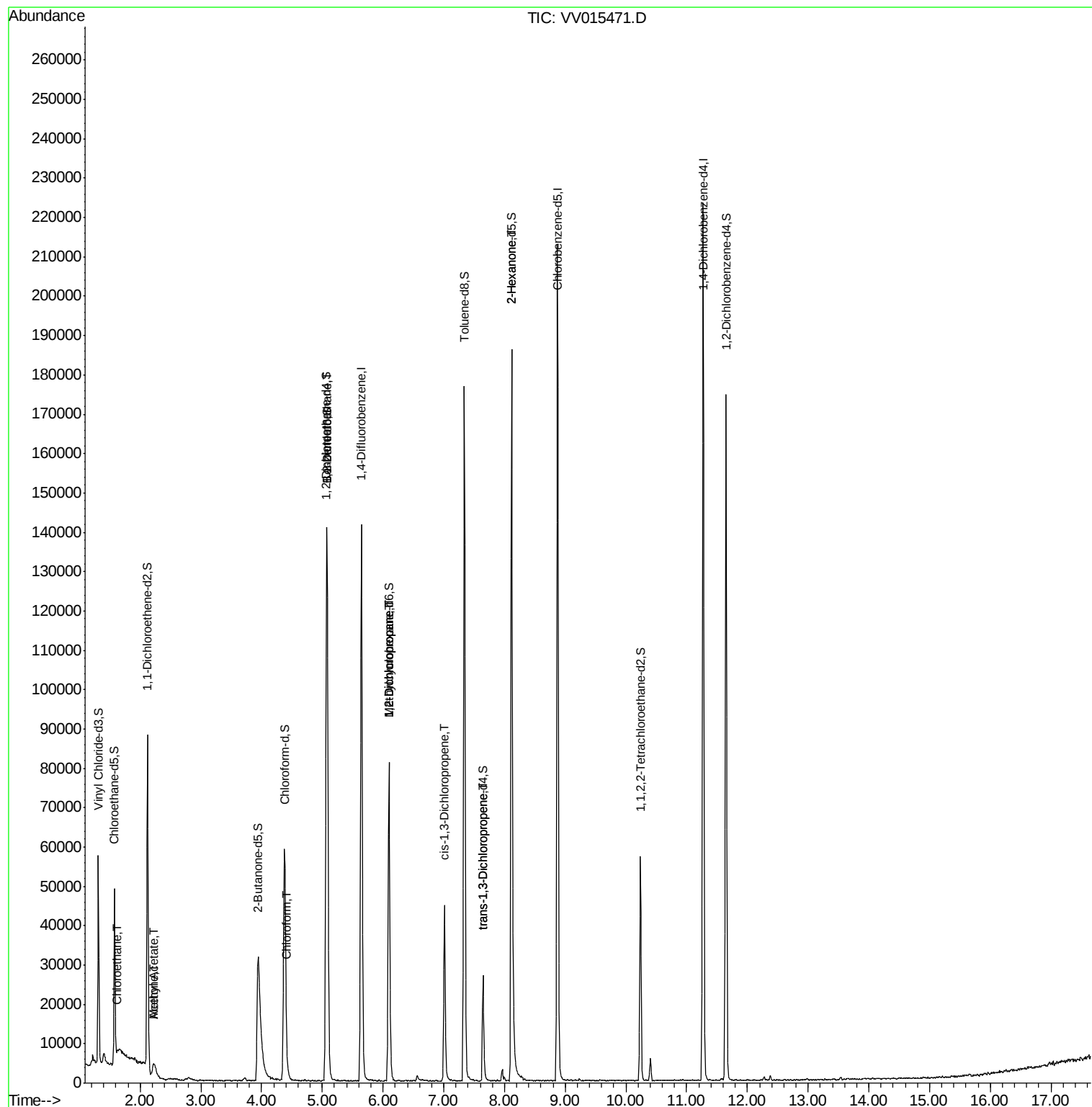
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.63	64	5244	0.854	ug/L #	54
13) Acetone	2.23	43	8494	7.073	ug/L #	69
15) Methyl Acetate	2.23	43	8428	2.372	ug/L #	57
25) Chloroform	4.42	83	1784	0.112	ug/L	86
27) 1,2-Dichloroethane	5.08	62	712	0.069	ug/L #	77
35) Methylcyclohexane	6.10	83	9084	0.608	ug/L #	15
37) 1,2-Dichloropropane	6.10	63	4457	0.546	ug/L #	86
39) cis-1,3-Dichloropropene	7.01	75	1185	0.095	ug/L #	70
44) trans-1,3-Dichloropropene	7.64	75	672	0.063	ug/L #	55
48) 2-Hexanone	8.12	43	10346	2.761	ug/L #	75

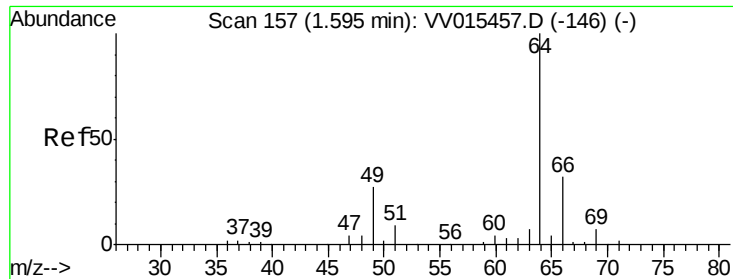
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Apr 15 02:17:02 2020
Response via : Initial Calibration





#8

Chloroethane

Concen: 0.854 ug/L

RT: 1.63 min Scan# 169

Delta R.T. 0.04 min

Lab File: VV015471.D

Acq: 14 Apr 2020 19:12

Instrument :

MSVOA_V

ClientSampleId :

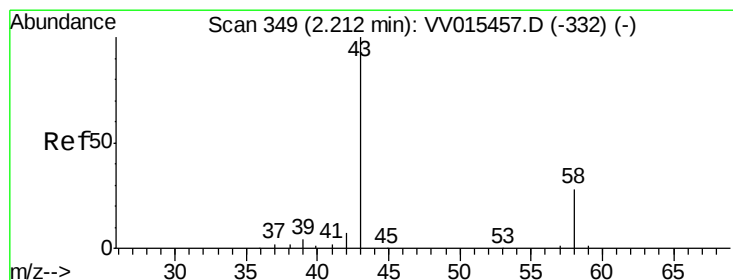
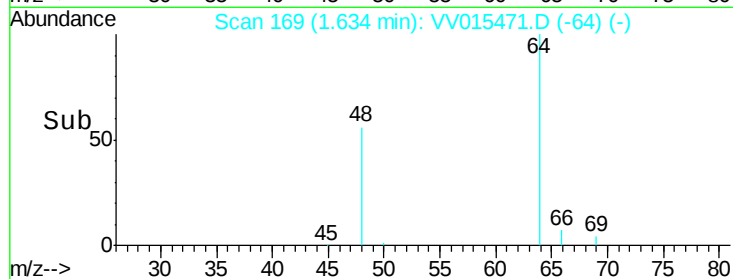
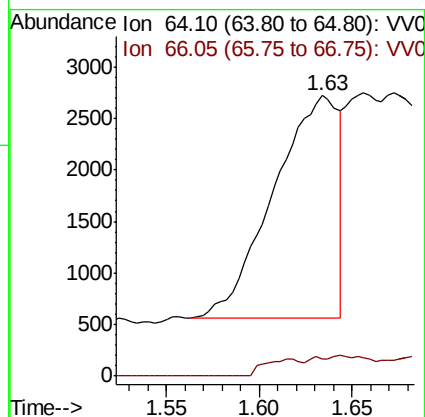
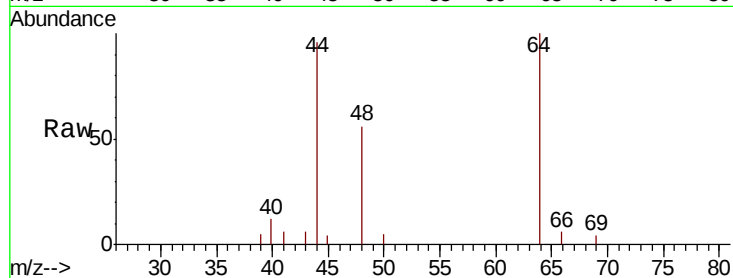
YAQ91

Tot Ion: 64 Resp: 5244

Ion Ratio Lower Upper

64 100

66 6.3 22.3 41.5#



#13

Acetone

Concen: 7.073 ug/L

RT: 2.23 min Scan# 354

Delta R.T. 0.02 min

Lab File: VV015471.D

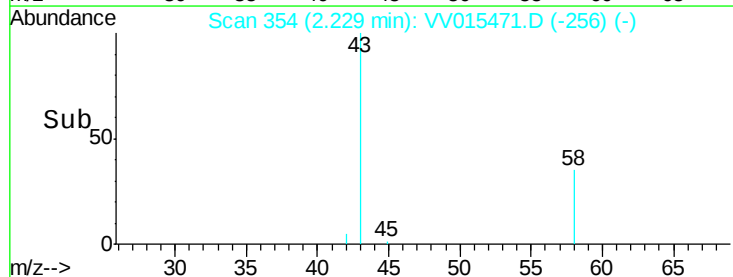
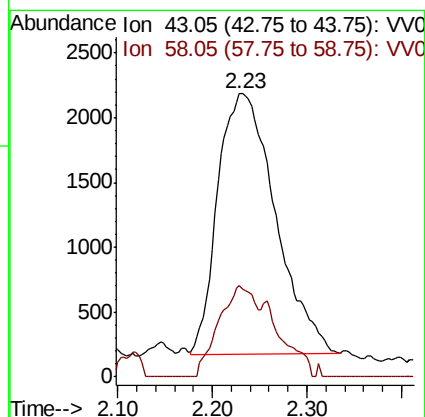
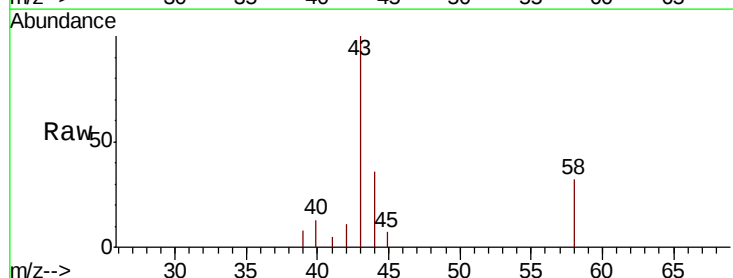
Acq: 14 Apr 2020 19:12

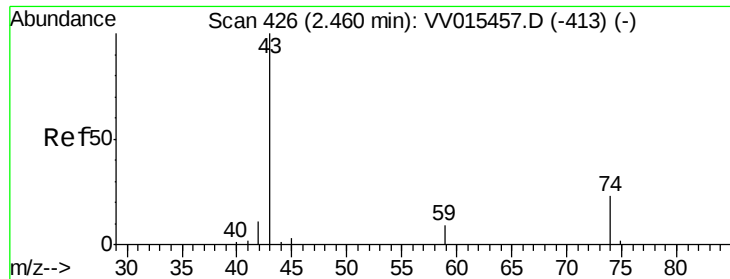
Tgt Ion: 43 Resp: 8494

Ion Ratio Lower Upper

43 100

58 23.0 0.0 22.2#

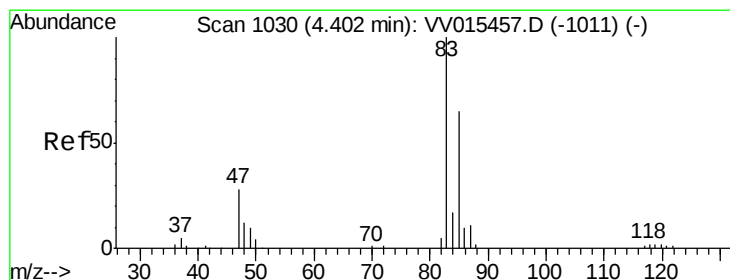
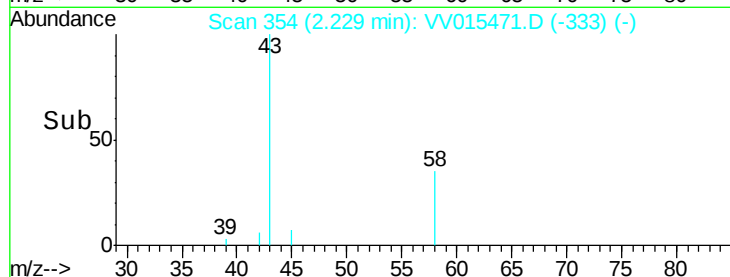
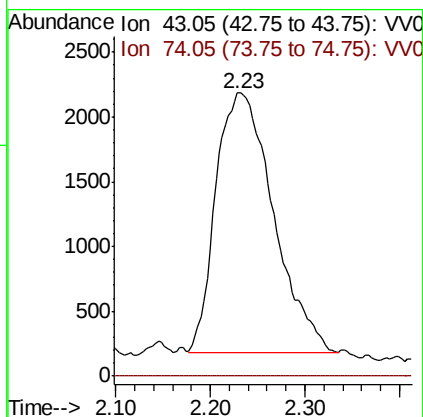
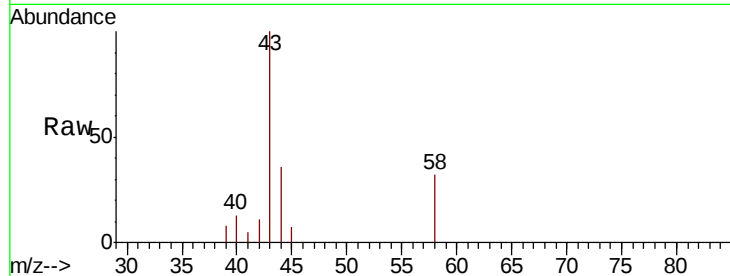




#15
Methvl Acetate
Concen: 2.372 ug/L
RT: 2.23 min Scan# 354
Delta R.T. -0.23 min
Lab File: VV015471.D
Acq: 14 Apr 2020 19:12

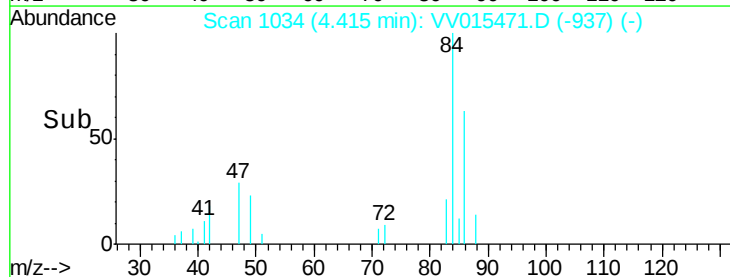
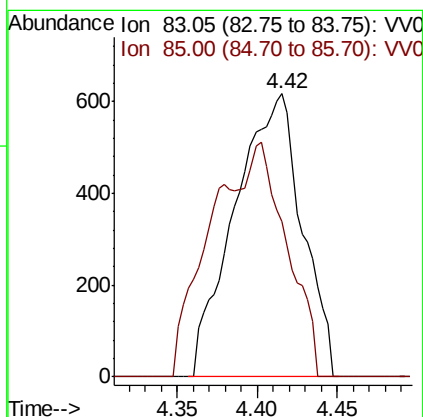
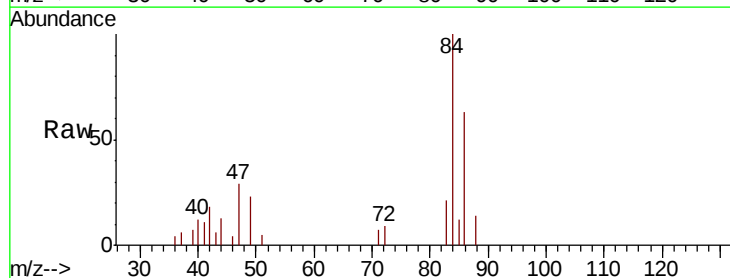
Instrument :
MSVOA_V
ClientSampleId :
YAQ91

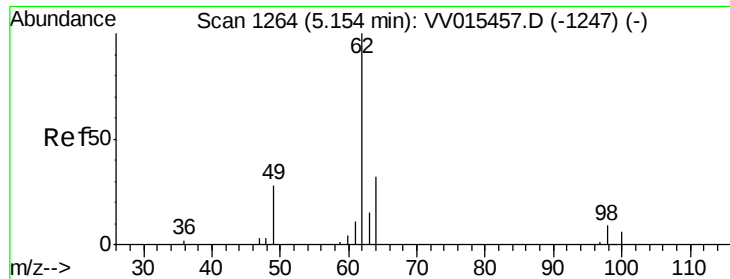
Tot Ion: 43 Resp: 8428
Ion Ratio Lower Upper
43 100
74 0.0 15.4 23.2#



#25
Chloroform
Concen: 0.112 ug/L
RT: 4.42 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VV015471.D
Acq: 14 Apr 2020 19:12

Tgt Ion: 83 Resp: 1784
Ion Ratio Lower Upper
83 100
85 54.6 45.9 85.3

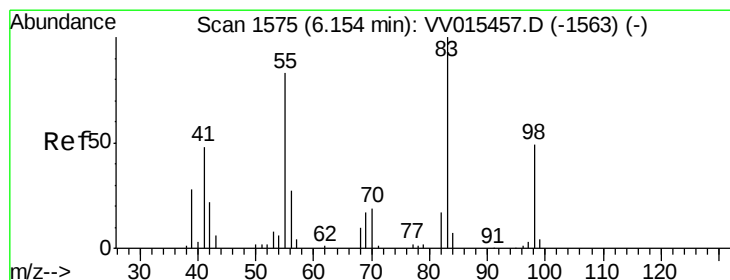
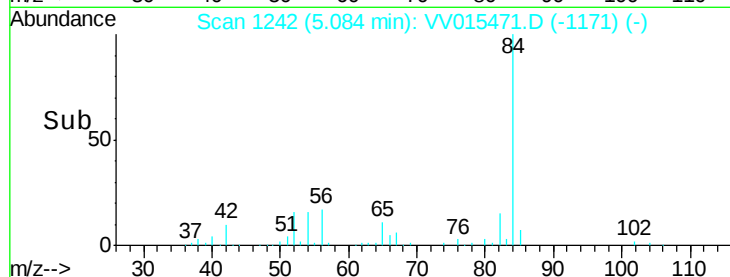
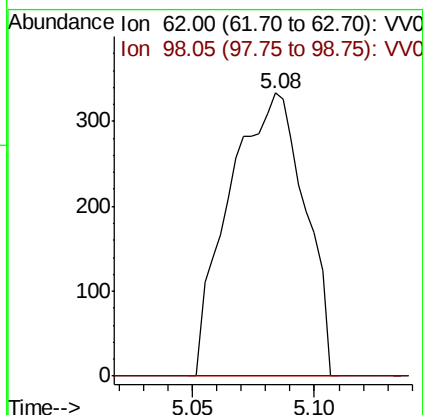
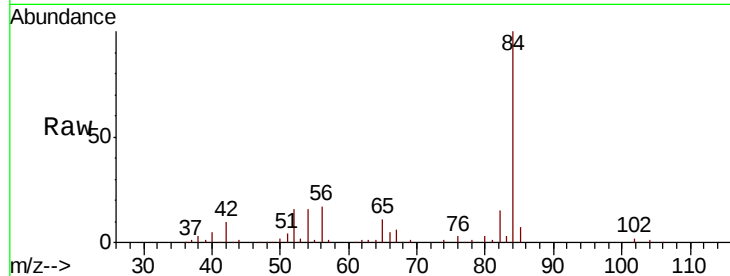




#27
 1,2-Dichloroethane
 Concen: 0.069 ug/L
 RT: 5.08 min Scan# 1242
 Delta R.T. -0.07 min
 Lab File: VV015471.D
 Acq: 14 Apr 2020 19:12

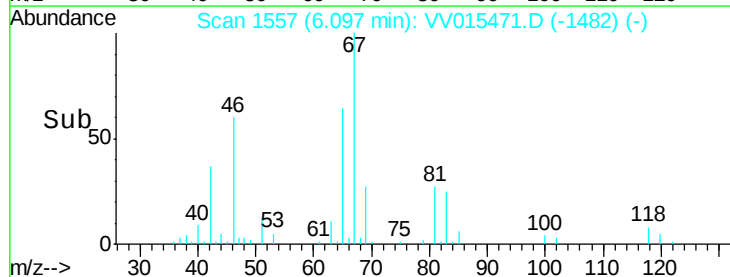
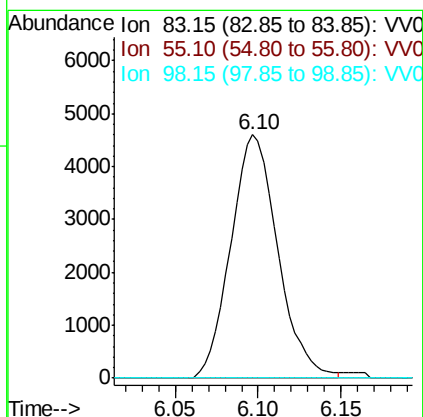
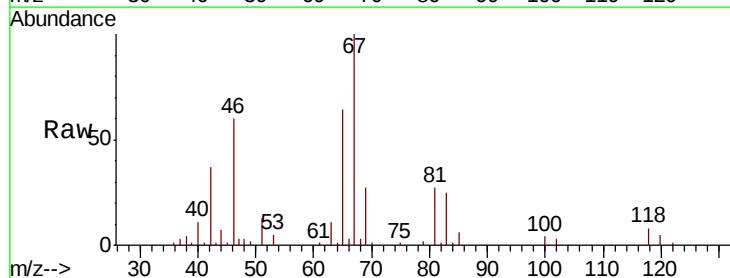
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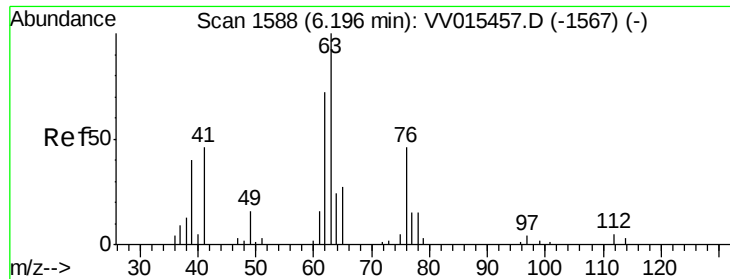
Tot Ion: 62 Resp: 712
 Ion Ratio Lower Upper
 62 100
 98 0.0 6.6 10.0#



#35
 Methylcyclohexane
 Concen: 0.608 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.06 min
 Lab File: VV015471.D
 Acq: 14 Apr 2020 19:12

Tgt Ion: 83 Resp: 9084
 Ion Ratio Lower Upper
 83 100
 55 0.0 66.6 99.8#
 98 0.0 38.7 58.1#

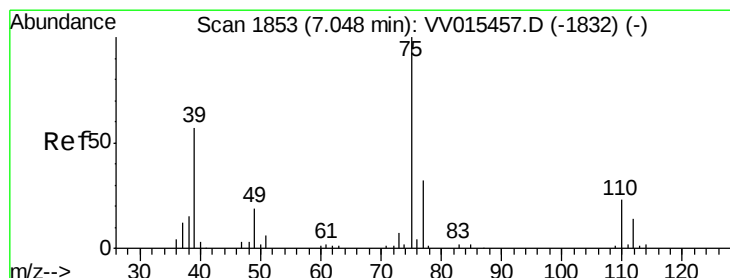
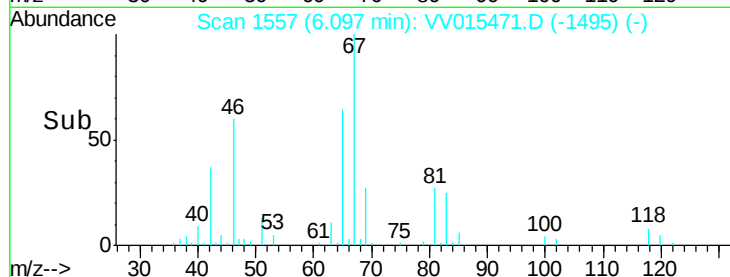
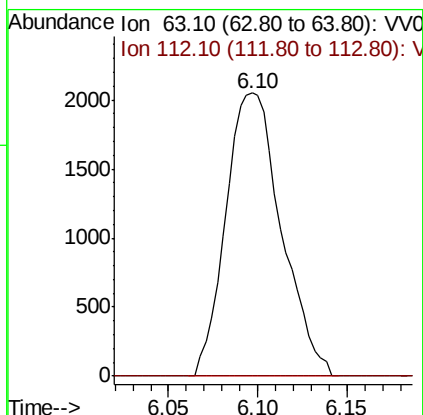
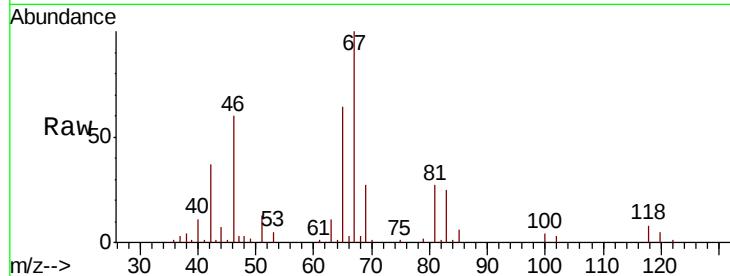




#37
 1,2-Dichloropropane
 Concen: 0.546 ug/L
 RT: 6.10 min Scan# 1557
 Delta R.T. -0.10 min
 Lab File: VV015471.D
 Acq: 14 Apr 2020 19:12

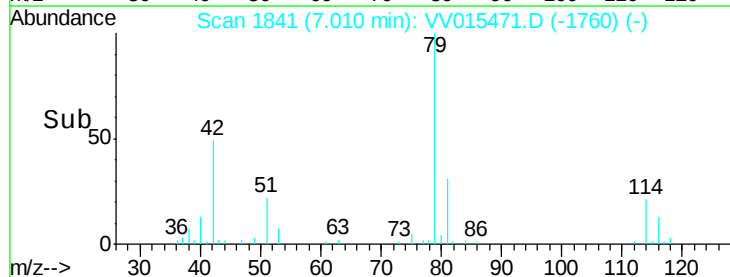
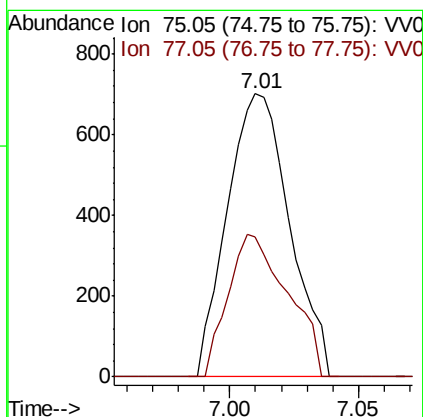
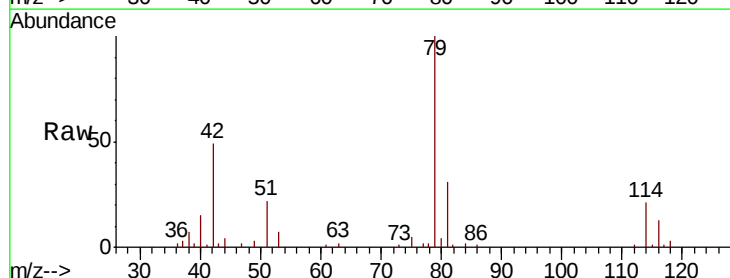
Instrument :
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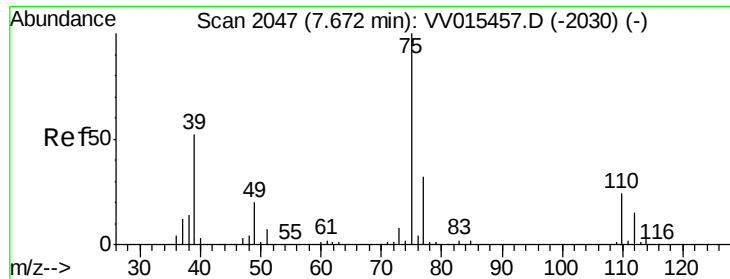
Tot Ion: 63 Resp: 4457
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#39
 cis-1,3-Dichloropropene
 Concen: 0.095 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV015471.D
 Acq: 14 Apr 2020 19:12

Tgt Ion: 75 Resp: 1185
 Ion Ratio Lower Upper
 75 100
 77 49.4 23.0 42.6#





#44

trans-1,3-Dichloropropene

Concen: 0.063 ug/L

RT: 7.64 min Scan# 2038

Delta R.T. -0.03 min

Lab File: VV015471.D

Acq: 14 Apr 2020 19:12

Instrument :

MSVOA_V

ClientSampleId :

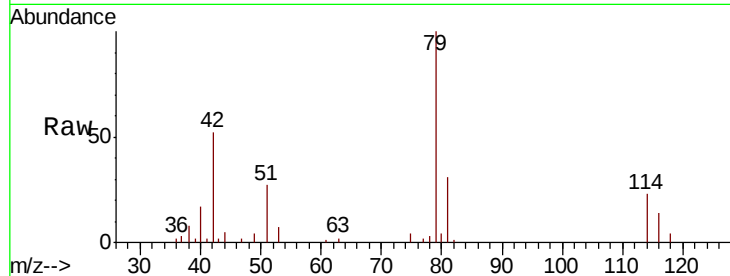
YAQ91

Tot Ion: 75 Resp: 672

Ion Ratio Lower Upper

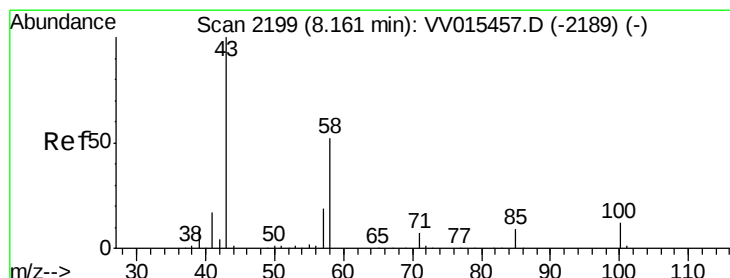
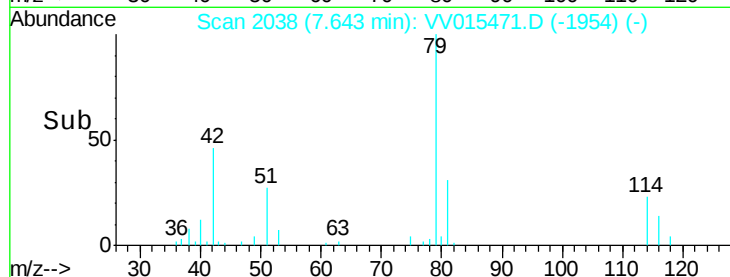
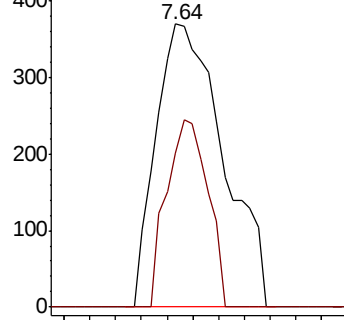
75 100

77 54.5 21.0 39.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.761 ug/L

RT: 8.12 min Scan# 2185

Delta R.T. -0.04 min

Lab File: VV015471.D

Acq: 14 Apr 2020 19:12

Tgt Ion: 43 Resp: 10346

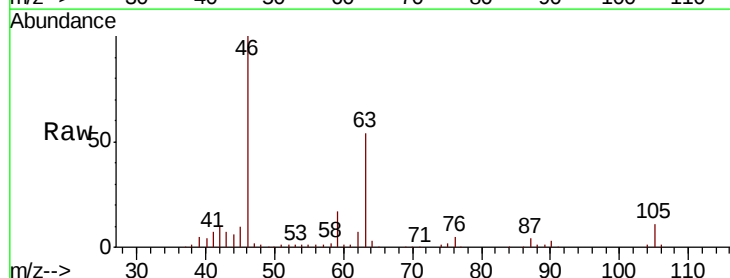
Ion Ratio Lower Upper

43 100

58 28.8 41.4 62.0#

57 19.4 15.0 22.4

100 0.0 9.4 14.2#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

