

Data File : VV012873.D
Acq On : 17 Sep 2019 19:47
Operator : SY/MD
Sample : K4832-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JZ7

Quant Time: Sep 18 01:12:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 01:09:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	399128	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	390092	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147187	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	196614	4.98	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.60%
7) Chloroethane-d5	1.58	69	160002	5.14	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	102.80%
11) 1,1-Dichloroethene-d2	2.13	63	244685	4.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.00%
20) 2-Butanone-d5	3.98	46	465040	56.22	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.44%
24) Chloroform-d	4.40	84	320220	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	170055	5.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.00%
32) Benzene-d6	5.09	84	666077	5.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.00%
36) 1,2-Dichloropropane-d6	6.12	67	209284	5.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.40%
41) Toluene-d8	7.36	98	548316	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.60%
43) trans-1,3-Dichloropropene-	7.66	79	67528	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.14	63	320981	53.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	154440	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	184841	5.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	116.20%

Target Compounds

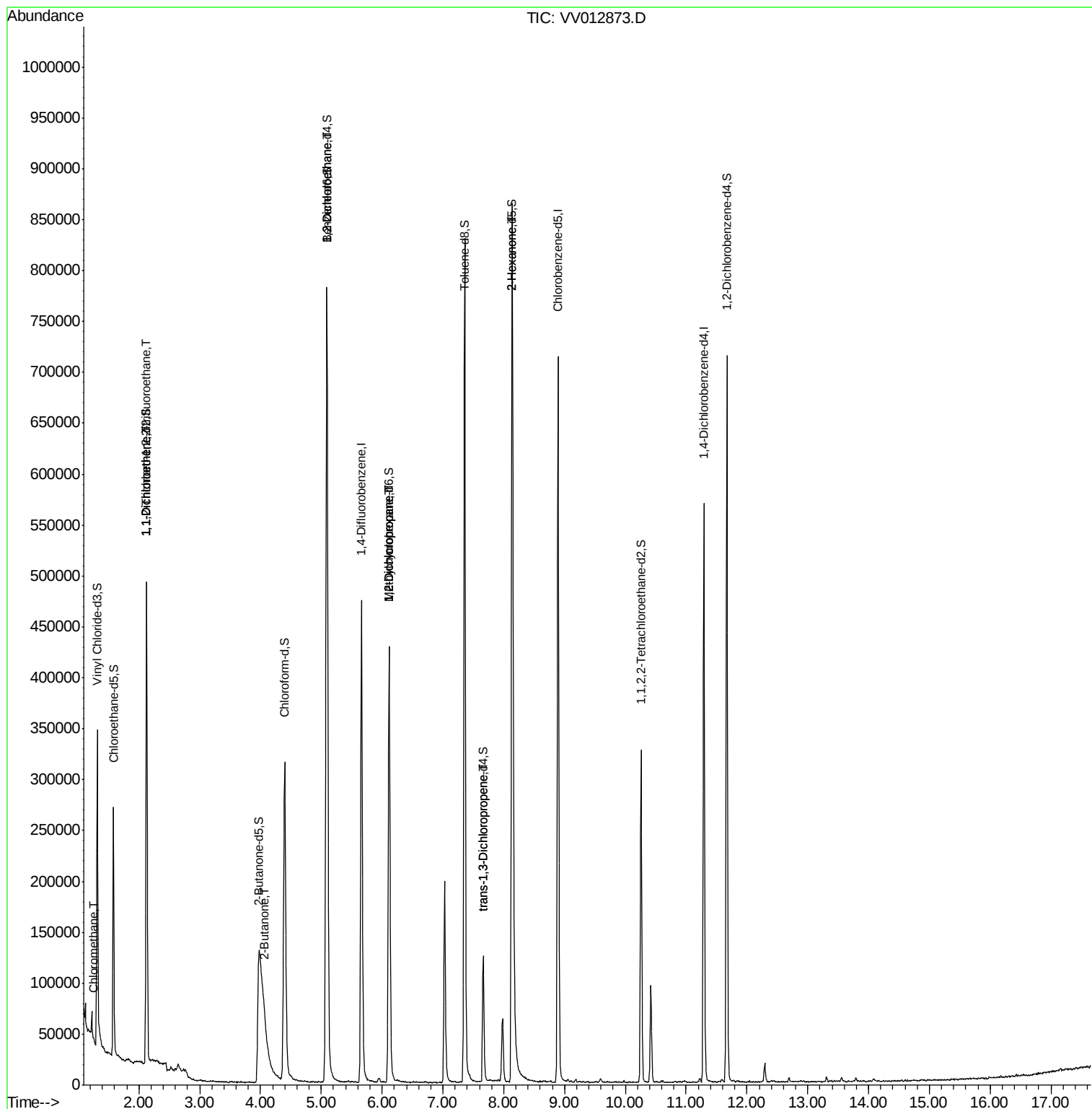
					Qvalue
3) Chloromethane	1.26	50	2033	0.073 ug/L	90
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2856	0.121 ug/L #	27
12) 1,1-Dichloroethene	2.13	96	2322	0.109 ug/L #	1
21) 2-Butanone	4.07	43	31295	4.355 ug/L	92
27) 1,2-Dichloroethane	5.09	62	3944	0.134 ug/L	100
35) Methylcyclohexane	6.12	83	49295	1.409 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	22006	0.798 ug/L #	87
44) trans-1,3-Dichloropropene	7.66	75	3050	0.105 ug/L	89
48) 2-Hexanone	8.14	43	48908	3.811 ug/L #	73

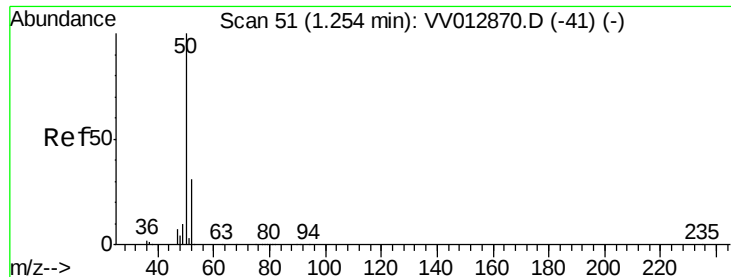
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.073 ug/L

RT: 1.26 min Scan# 53

Delta R.T. 0.01 min

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Acq: 17 Sep 2019 19:47

Instrument :

MSVOA_V

ClientSampleId :

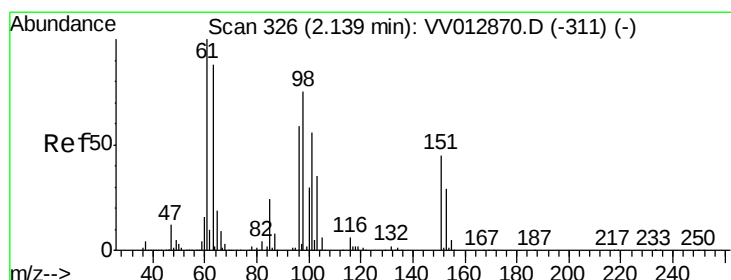
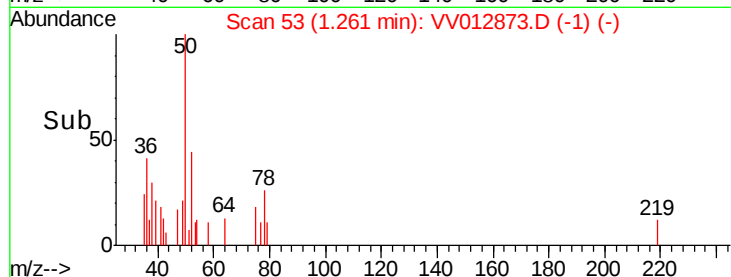
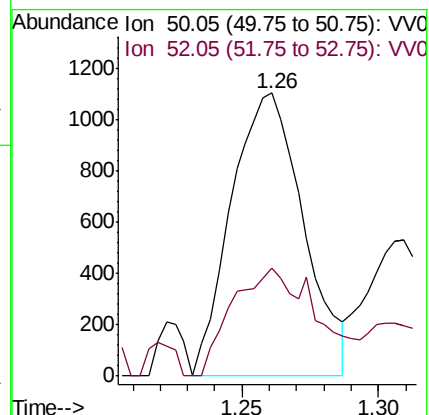
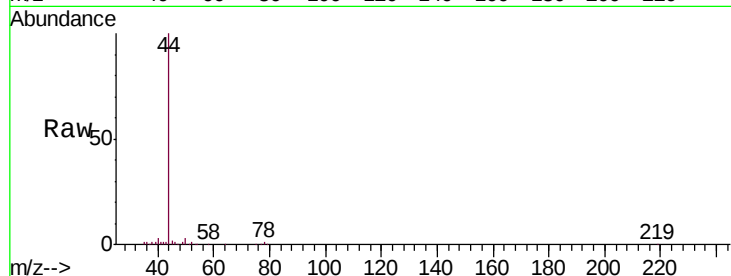
C0JZ7

Tgt Ion: 50 Resp: 2033

Ion Ratio Lower Upper

50 100

52 38.3 22.8 42.4



#10

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

Concen: 0.121 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

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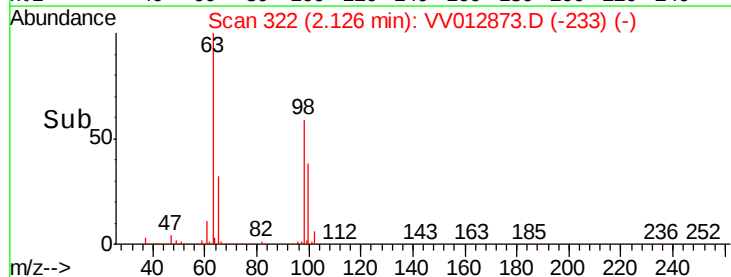
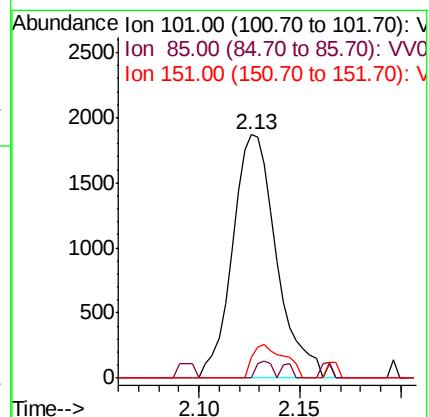
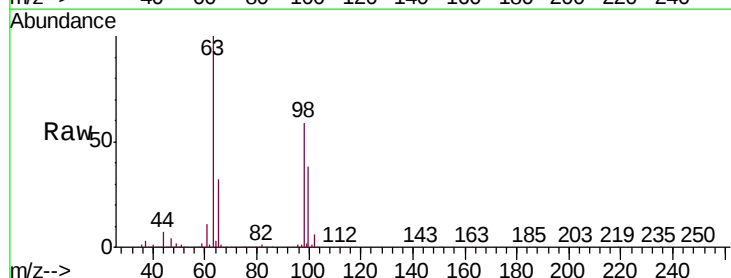
Tgt Ion: 101 Resp: 2856

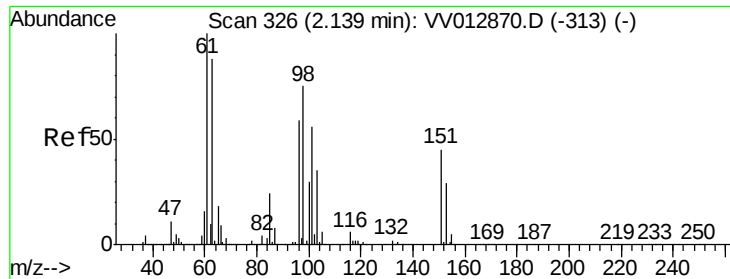
Ion Ratio Lower Upper

101 100

85 2.5 33.5 50.3#

151 10.0 64.0 96.0#





#12

1,1-Dichloroethene

Concen: 0.109 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012873.D

Acq: 17 Sep 2019 19:47

Instrument :

MSVOA_V

ClientSampleId :

C0JZ7

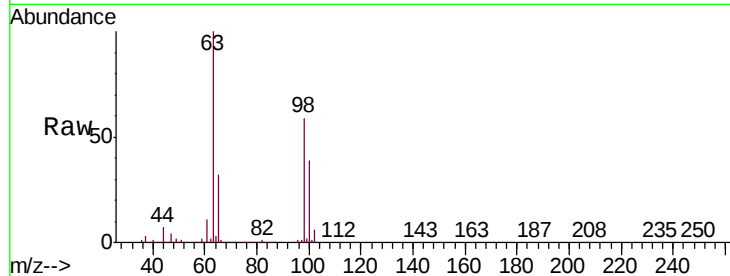
Tgt Ion: 96 Resp: 2322

Ion Ratio Lower Upper

96 100

61 1481.7 116.1 215.5#

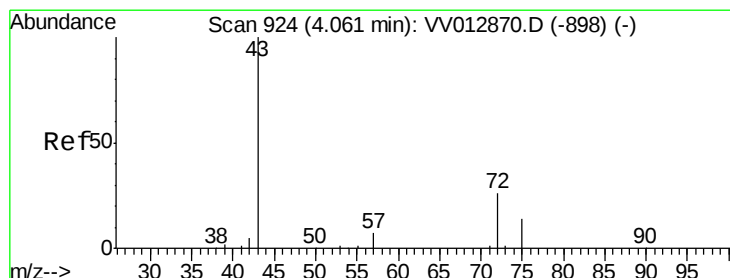
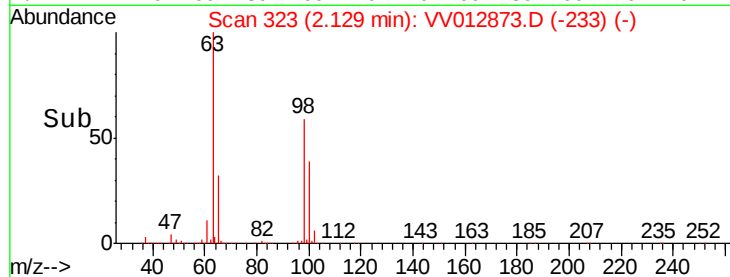
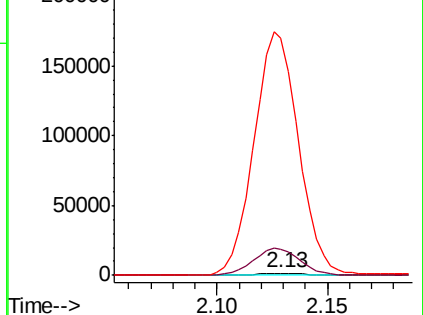
63 13228.3 113.3 210.3#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0



#21

2-Butanone

Concen: 4.355 ug/L

RT: 4.07 min Scan# 926

Delta R.T. 0.01 min

Lab File: VV012873.D

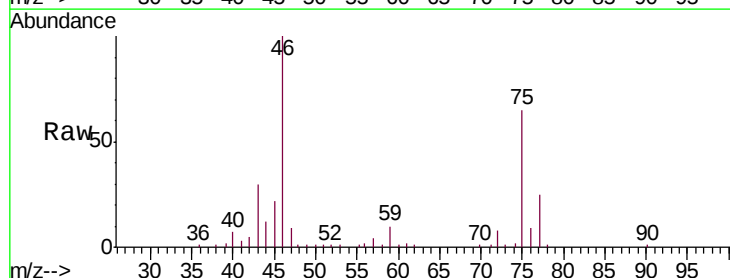
Acq: 17 Sep 2019 19:47

Tgt Ion: 43 Resp: 31295

Ion Ratio Lower Upper

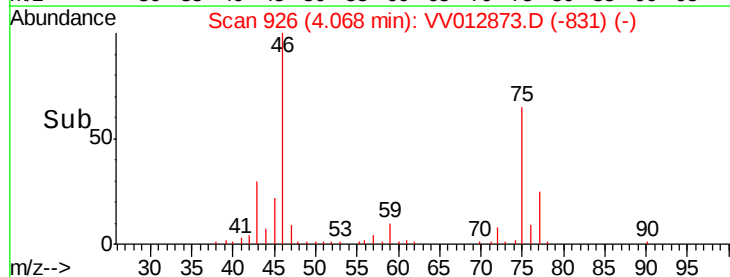
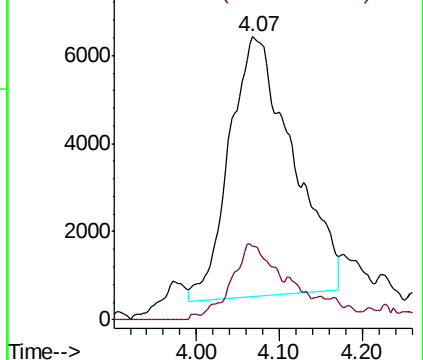
43 100

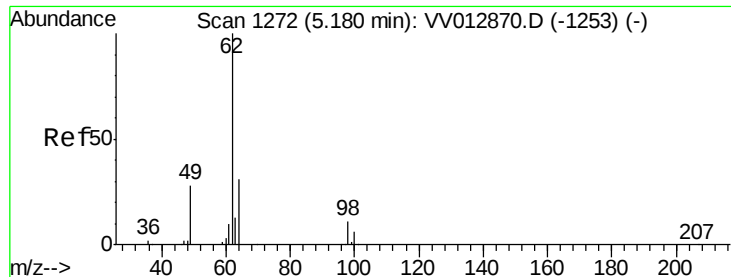
72 17.3 10.4 31.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 72.10 (71.80 to 72.80): VV0





#27

1,2-Dichloroethane

Concen: 0.134 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VV012873.D

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Instrument :

MSVOA_V

ClientSampleId :

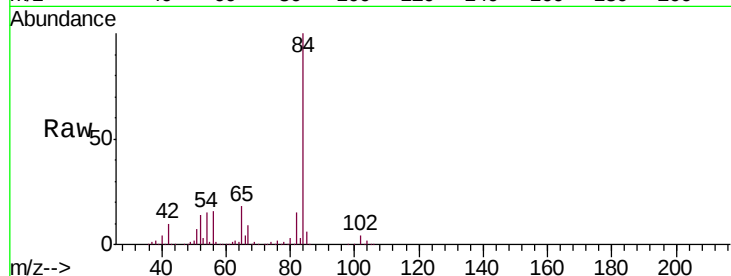
C0JZ7

Tgt Ion: 62 Resp: 3944

Ion Ratio Lower Upper

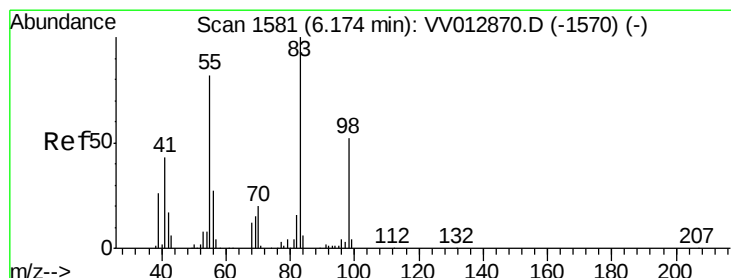
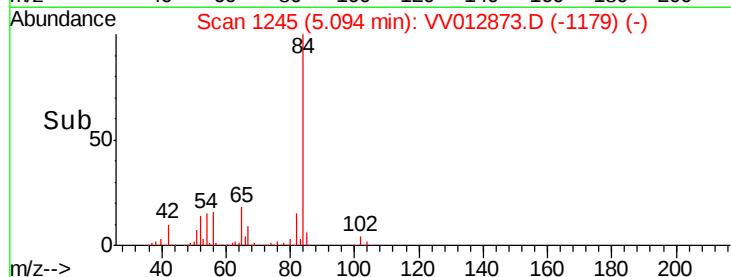
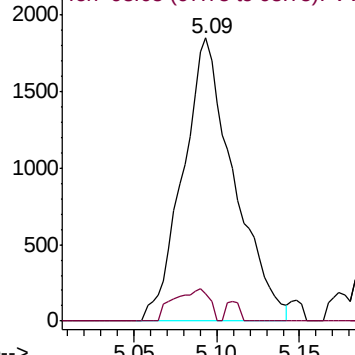
62 100

98 9.8 7.8 11.8



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 1.409 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.06 min

Lab File: VV012873.D

Acq: 17 Sep 2019 19:47

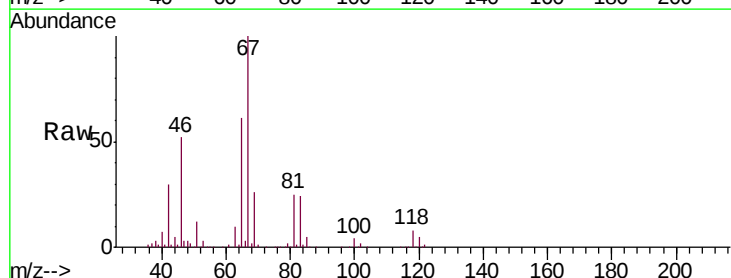
Tgt Ion: 83 Resp: 49295

Ion Ratio Lower Upper

83 100

55 0.0 63.8 95.6#

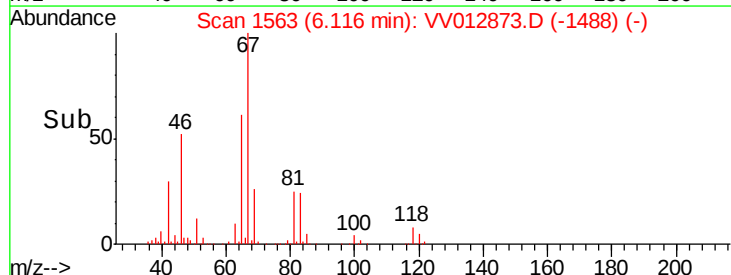
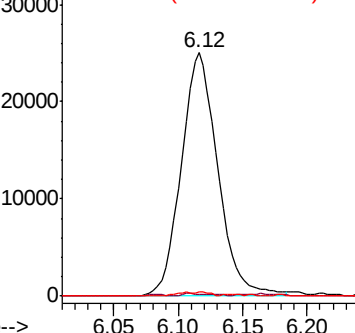
98 0.6 38.2 57.4#

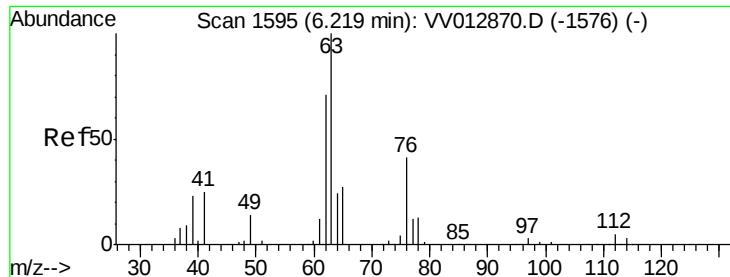


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0

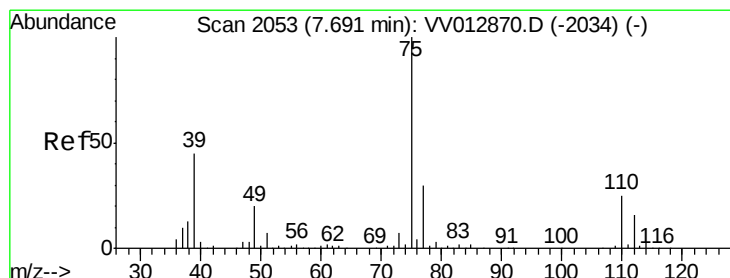
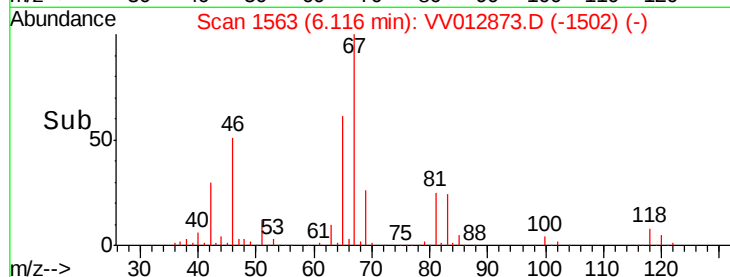
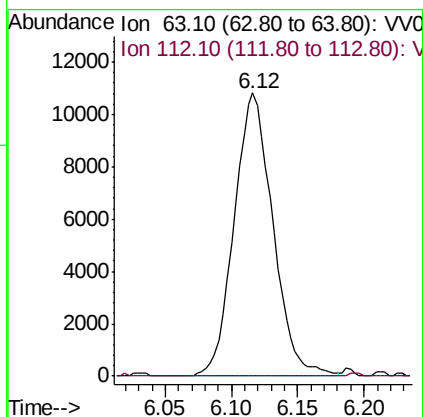
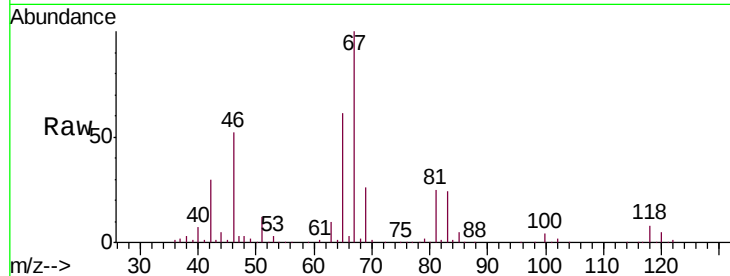




#37
 1,2-Dichloropropane
 Concen: 0.798 ug/L
 RT: 6.12 min Scan# 1563
 Delta R.T. -0.10 min
 Lab File: VV012873.D
 Acq: 17 Sep 2019 19:47

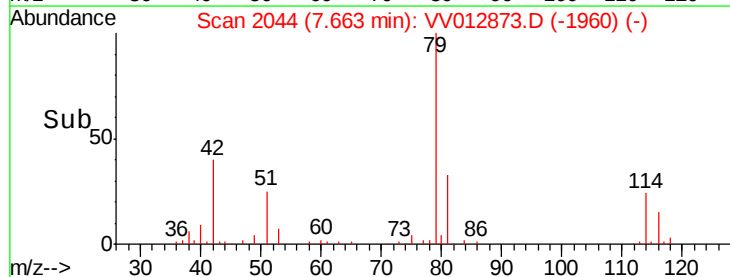
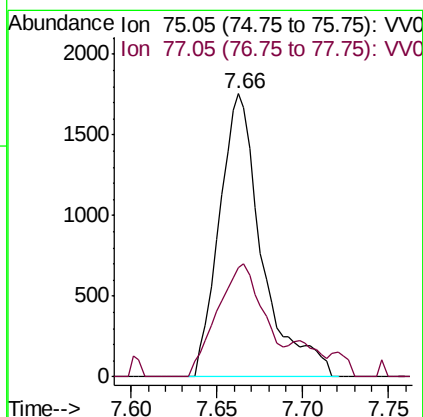
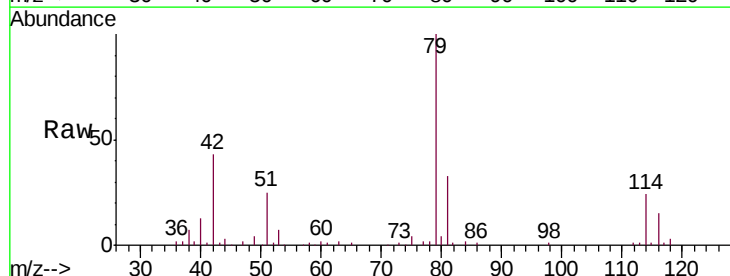
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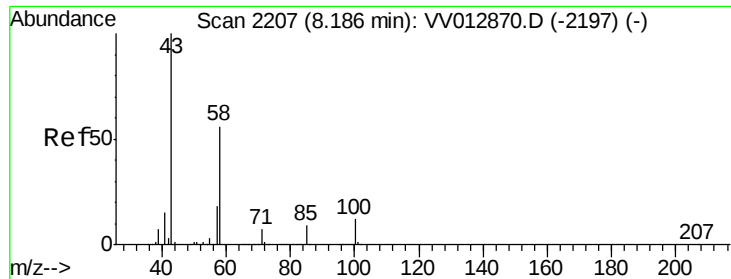
Tgt Ion: 63 Resp: 22006
 Ion Ratio Lower Upper
 63 100
 112 0.3 3.8 5.6#



#44
 trans-1,3-Dichloropropene
 Concen: 0.105 ug/L
 RT: 7.66 min Scan# 2044
 Delta R.T. -0.03 min
 Lab File: VV012873.D
 Acq: 17 Sep 2019 19:47

Tgt Ion: 75 Resp: 3050
 Ion Ratio Lower Upper
 75 100
 77 38.4 22.5 41.7





#48
 2-Hexanone
 Concen: 3.811 ug/L
 RT: 8.14 min Scan# 2192
 Delta R.T. -0.05 min
 Lab File: VV012873.D
 Acq: 17 Sep 2019 19:47

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JZ7

Tgt Ion: 43 Resp: 48908
 Ion Ratio Lower Upper
 43 100
 58 34.8 44.5 66.7#
 57 29.1 15.0 22.6#
 100 2.8 9.7 14.5#

