

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081320\
 Data File : VV017972.D
 Acq On : 13 Aug 2020 15:23
 Operator : SY/MD
 Sample : L3644-17DL 10X
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 F2L99DL

Quant Time: Aug 14 04:17:11 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM081120WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Aug 14 04:14:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	254958	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	261161	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	123509	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	83519	42.93	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.86%
7) Chloroethane-d5	1.58	69	73470	46.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	92.32%
11) 1,1-Dichloroethene-d2	2.12	63	129591	34.83	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	69.66%
21) 2-Butanone-d5	3.91	46	147890	116.07	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	116.07%
24) Chloroform-d	4.38	84	167072	47.18	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.36%
26) 1,2-Dichloroethane-d4	5.06	65	115183	50.08	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	100.16%
32) Benzene-d6	5.08	84	329790	45.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	91.64%
36) 1,2-Dichloropropane-d6	6.09	67	111242	47.28	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	94.56%
41) Toluene-d8	7.34	98	296934	45.87	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.74%
43) trans-1,3-Dichloropropene-	7.64	79	44050	41.27	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	82.54%
47) 2-Hexanone-d5	8.11	63	81526	107.97	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	107.97%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	148615	48.50	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	122583	50.43	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	100.86%

Target Compounds

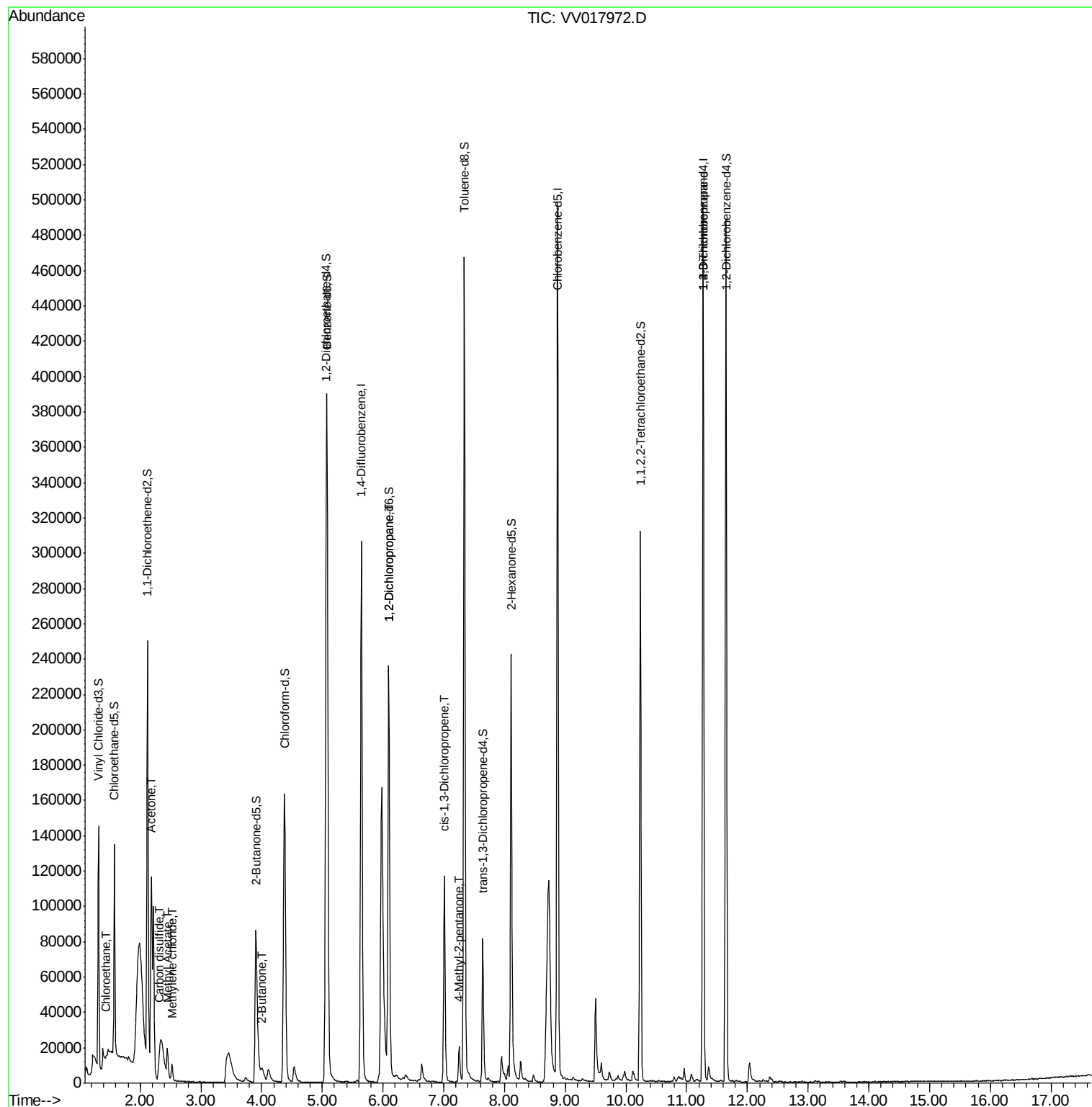
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.42	64	9933	6.870	ug/L #	51
13) Acetone	2.18	43	135452	102.928	ug/L	97
14) Carbon disulfide	2.31	76	3078	0.654	ug/L	100
15) Methyl Acetate	2.45	43	19397	9.133	ug/L	100
16) Methylene chloride	2.52	84	3501	1.607	ug/L	96
22) 2-Butanone	4.01	43	11689	7.918	ug/L	95
37) 1,2-Dichloropropane	6.09	63	12249	5.559	ug/L #	87
39) cis-1,3-Dichloropropene	7.01	75	2743	0.878	ug/L #	60
40) 4-Methyl-2-pentanone	7.25	43	13364	4.639	ug/L	100
59) 1,2,3-Trichloropropane	11.27	75	15314	5.627	ug/L	94

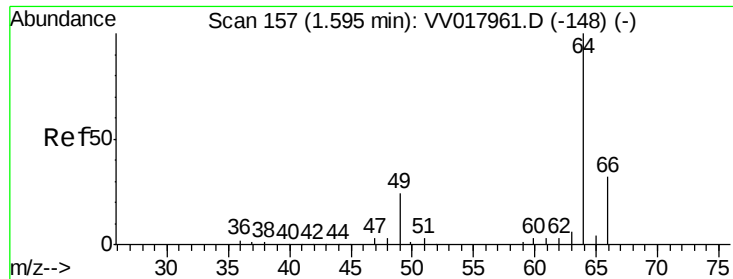
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Aug 14 04:14:46 2020
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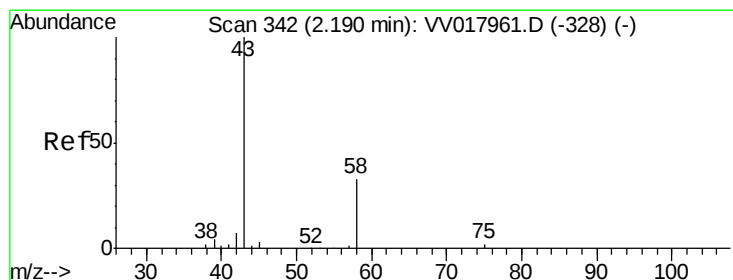
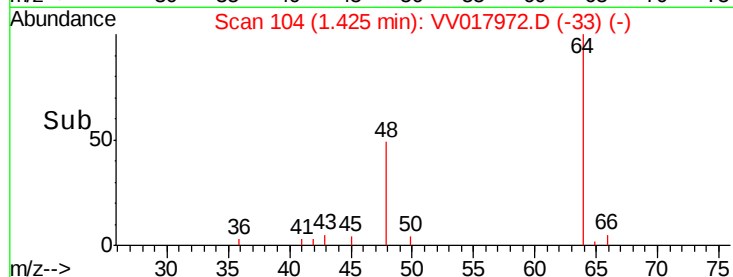
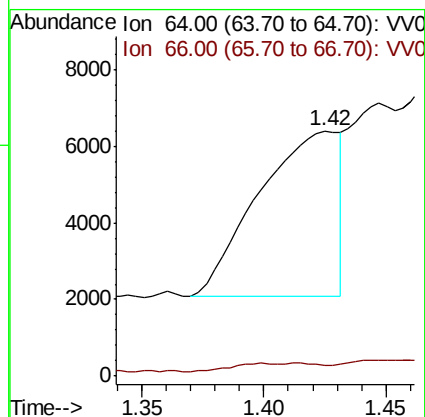
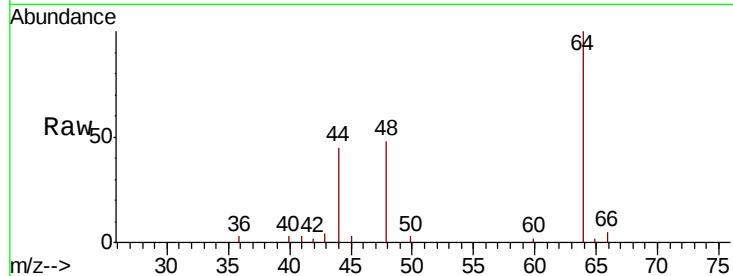




#8
Chloroethane
Concen: 6.870 ug/L
RT: 1.42 min Scan# 104
Delta R.T. -0.17 min
Lab File: VV017972.D
Acq: 13 Aug 2020 15:23

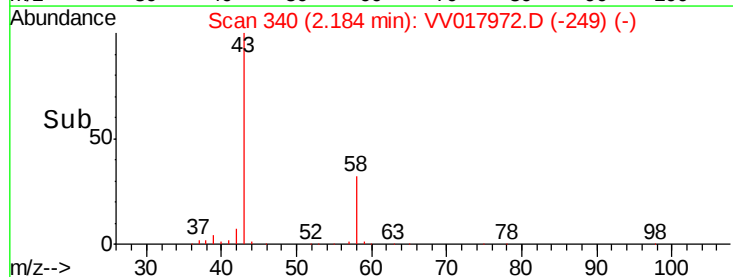
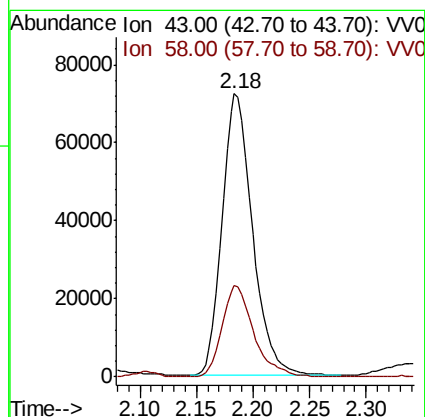
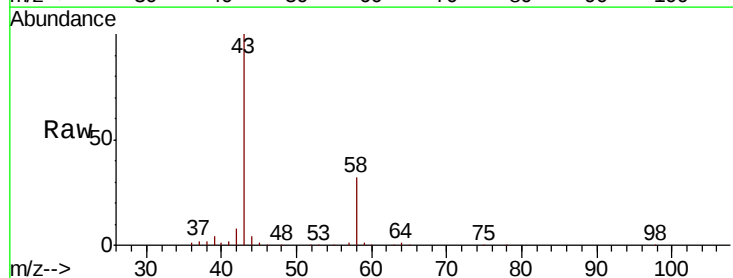
Instrument :
MSVOA_V
ClientSampleId :
F2L99DL

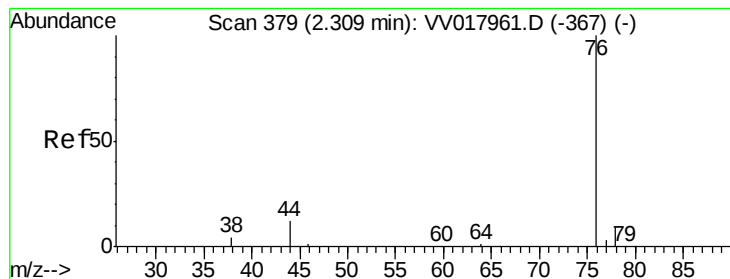
Tot Ion: 64 Resp: 9933
Ion Ratio Lower Upper
64 100
66 4.6 22.3 41.3#



#13
Acetone
Concen: 102.928 ug/L
RT: 2.18 min Scan# 340
Delta R.T. -0.01 min
Lab File: VV017972.D
Acq: 13 Aug 2020 15:23

Tgt Ion: 43 Resp: 135452
Ion Ratio Lower Upper
43 100
58 33.7 0.0 63.6





#14

Carbon disulfide

Concen: 0.654 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV017972.D

Acq: 13 Aug 2020 15:23

Instrument :

MSVOA_V

ClientSampleId :

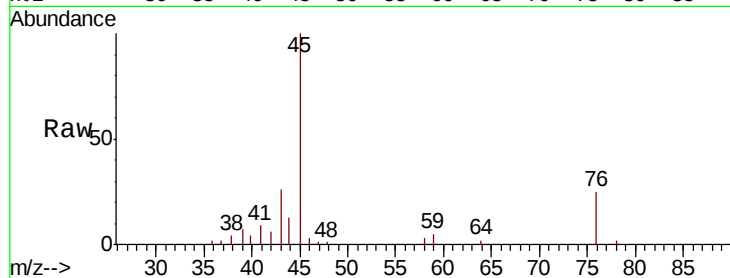
F2L99DL

Tot Ion: 76 Resp: 3078

Ion Ratio Lower Upper

76 100

78 9.5 7.4 11.2



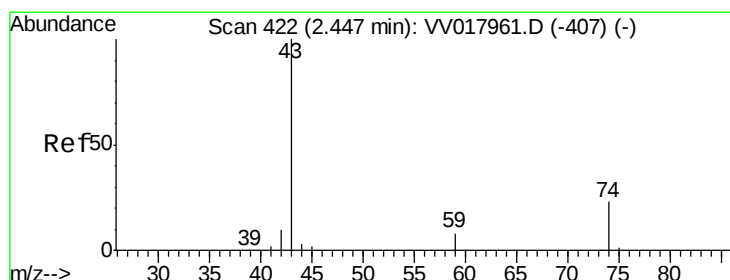
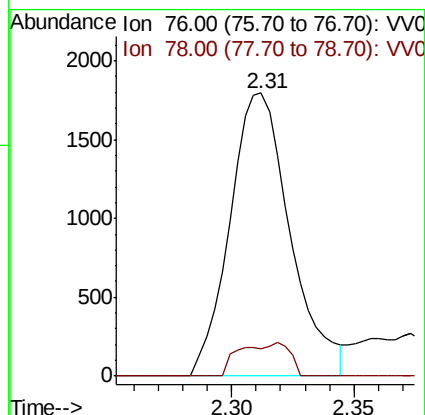
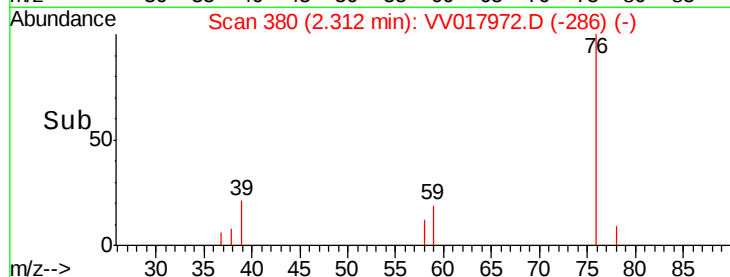
Abundance Ion 76.00 (75.70 to 76.70): VV017961.D (-367) (-)

Ion 78.00 (77.70 to 78.70): VV017961.D (-367) (-)

2.31

2.35

Time-->



#15

Methyl Acetate

Concen: 9.133 ug/L

RT: 2.45 min Scan# 422

Delta R.T. 0.00 min

Lab File: VV017972.D

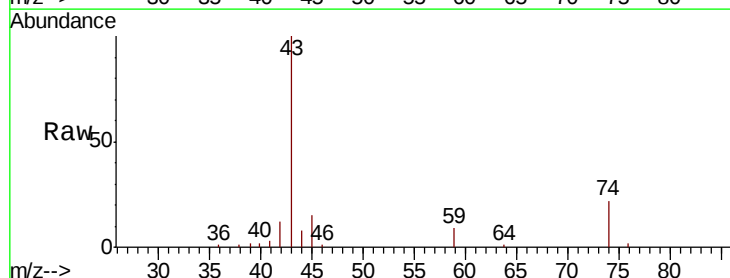
Acq: 13 Aug 2020 15:23

Tgt Ion: 43 Resp: 19397

Ion Ratio Lower Upper

43 100

74 22.8 18.4 27.6



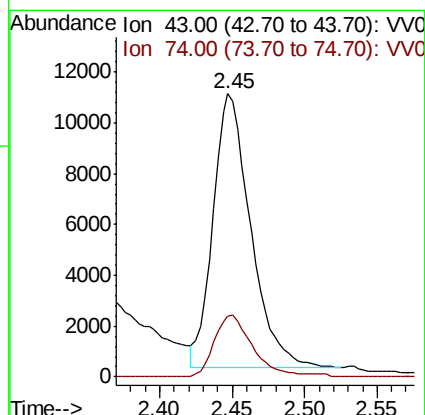
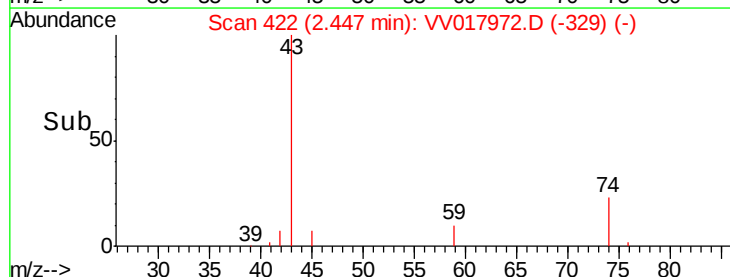
Abundance Ion 43.00 (42.70 to 43.70): VV017961.D (-407) (-)

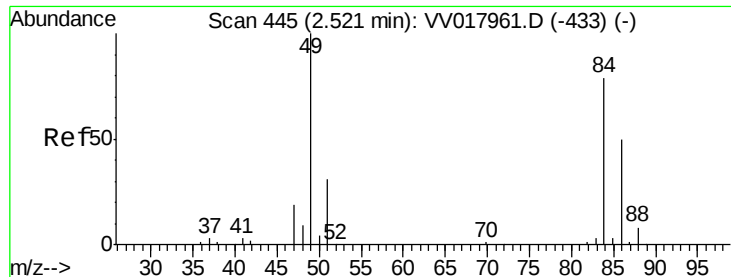
Ion 74.00 (73.70 to 74.70): VV017961.D (-407) (-)

2.45

2.55

Time-->

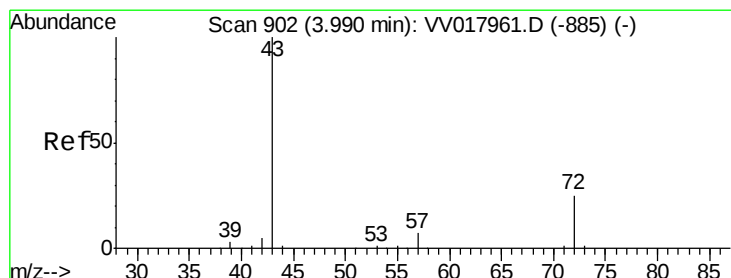
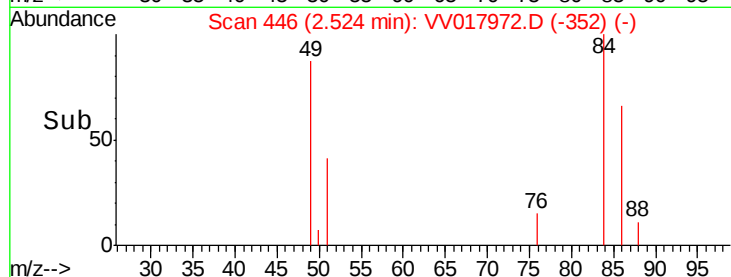
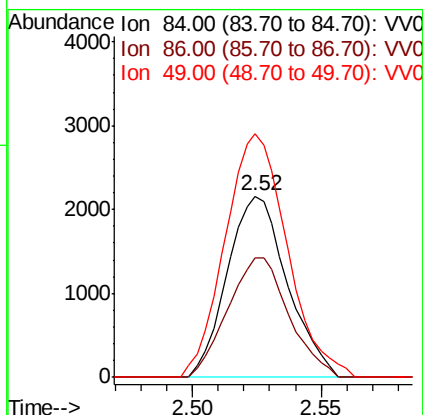
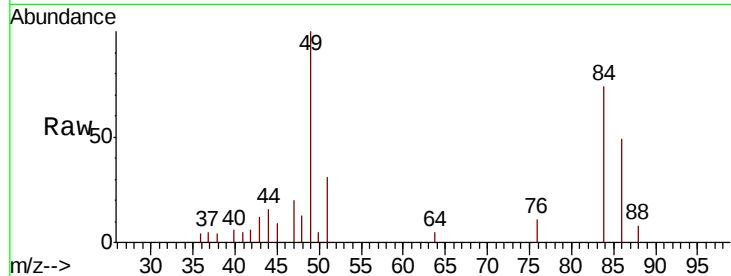




#16
Methvlene chloride
Concen: 1.607 ug/L
RT: 2.52 min Scan# 446
Delta R.T. 0.00 min
Lab File: VV017972.D
Acq: 13 Aug 2020 15:23

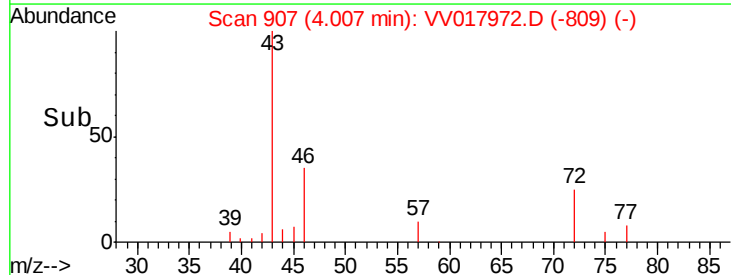
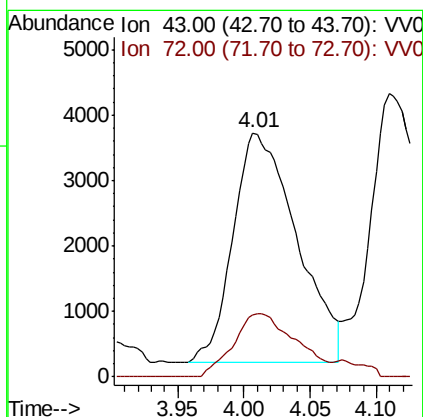
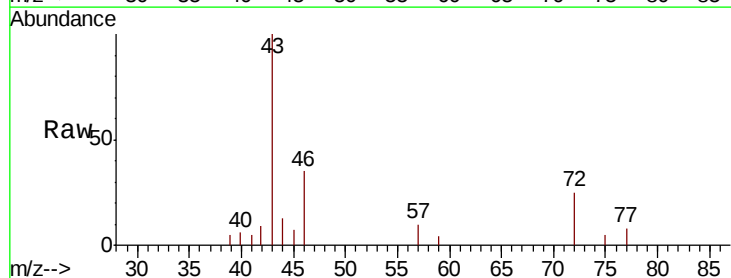
Instrument :
MSVOA_V
ClientSampleId :
F2L99DL

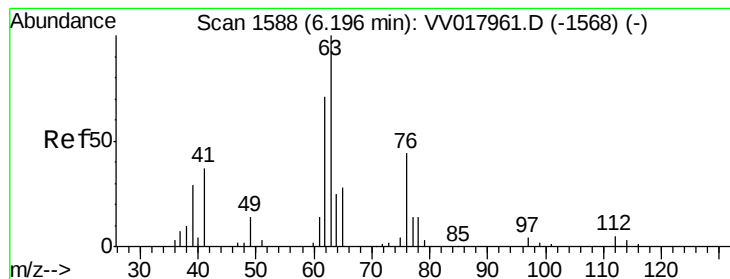
Tot Ion: 84 Resp: 3501
Ion Ratio Lower Upper
84 100
86 65.8 46.3 85.9
49 134.5 89.7 166.5



#22
2-Butanone
Concen: 7.918 ug/L
RT: 4.01 min Scan# 907
Delta R.T. 0.02 min
Lab File: VV017972.D
Acq: 13 Aug 2020 15:23

Tgt Ion: 43 Resp: 11689
Ion Ratio Lower Upper
43 100
72 27.7 12.7 38.0





#37

1,2-Dichloropropane

Concen: 5.559 ug/L

RT: 6.09 min Scan# 1556

Delta R.T. -0.10 min

Lab File: VV017972.D

Acq: 13 Aug 2020 15:23

Instrument :

MSVOA_V

ClientSampleID :

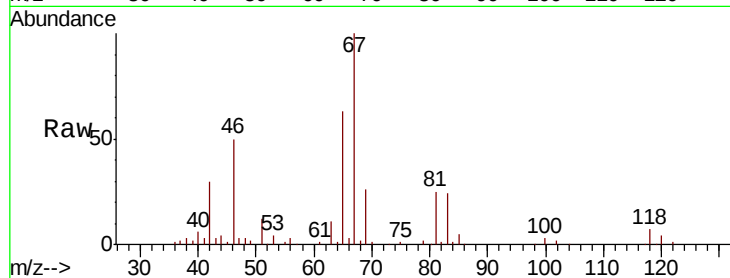
F2L99DL

Tot Ion: 63 Resp: 12249

Ion Ratio Lower Upper

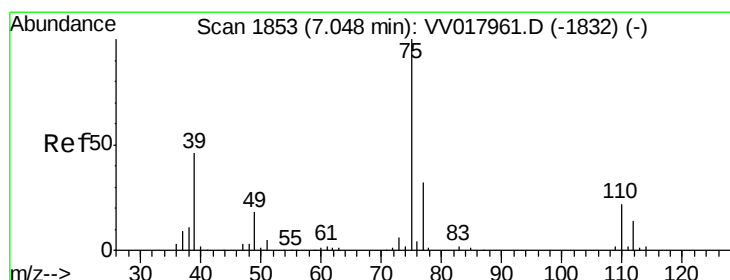
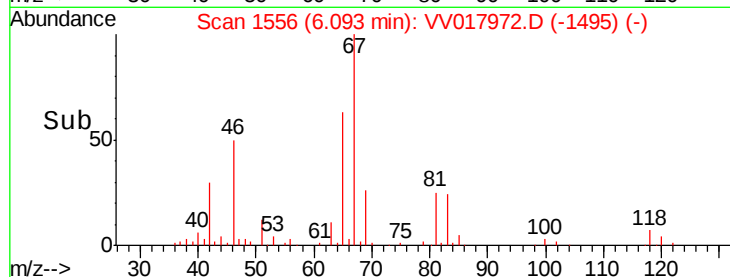
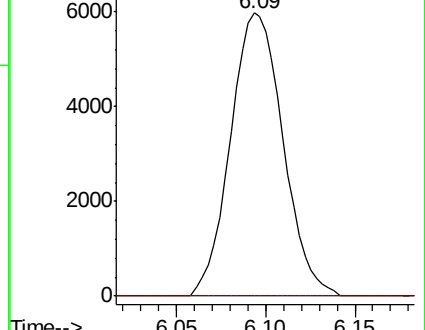
63 100

112 0.0 3.5 5.3#



Abundance Ion 63.00 (62.70 to 63.70): VV017961.D (-1568) (-)

Ion 112.00 (111.70 to 112.70): VV017961.D (-1568) (-)



#39

cis-1,3-Dichloropropene

Concen: 0.878 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV017972.D

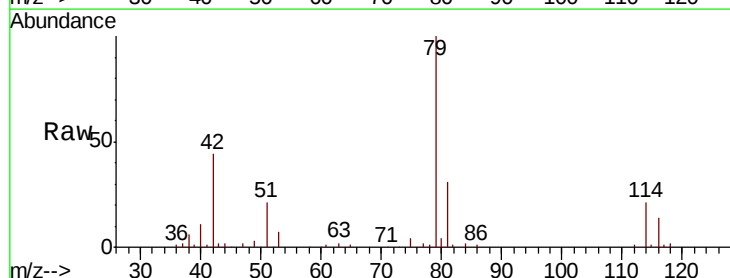
Acq: 13 Aug 2020 15:23

Tgt Ion: 75 Resp: 2743

Ion Ratio Lower Upper

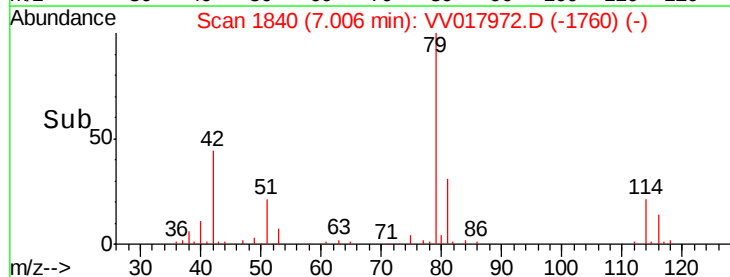
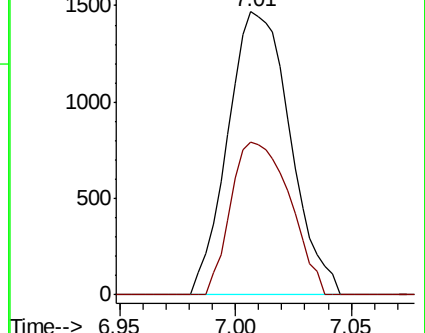
75 100

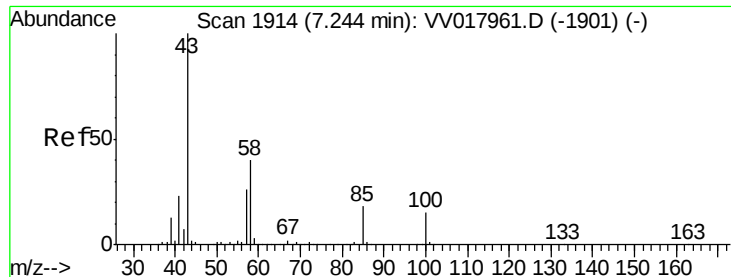
77 54.0 22.3 41.5#



Abundance Ion 75.00 (74.70 to 75.70): VV017961.D (-1832) (-)

Ion 77.00 (76.70 to 77.70): VV017961.D (-1832) (-)

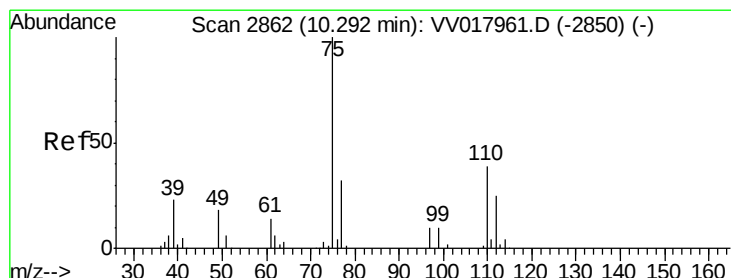
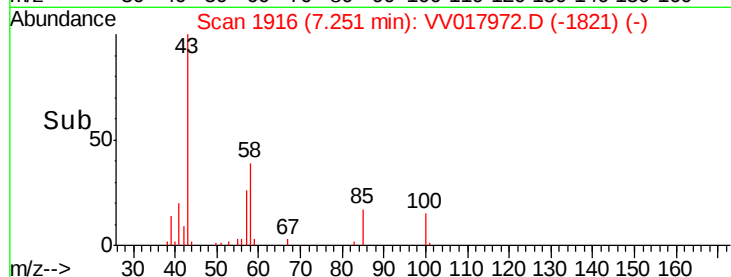
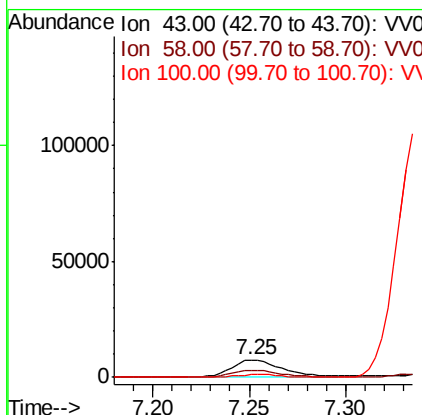
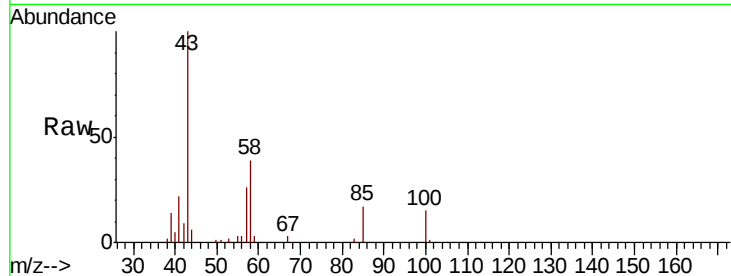




#40
 4-Methyl-2-pentanone
 Concen: 4.639 ug/L
 RT: 7.25 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VV017972.D
 Acq: 13 Aug 2020 15:23

Instrument :
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Tot Ion: 43 Resp: 13364
 Ion Ratio Lower Upper
 43 100
 58 39.9 31.9 47.9
 100 15.1 12.2 18.2



#59
 1,2,3-Trichloropropane
 Concen: 5.627 ug/L
 RT: 11.27 min Scan# 3166
 Delta R.T. 0.98 min
 Lab File: VV017972.D
 Acq: 13 Aug 2020 15:23

Tgt Ion: 75 Resp: 15314
 Ion Ratio Lower Upper
 75 100
 77 35.2 25.7 38.5

