

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017313.D
 Acq On : 02 Jul 2020 16:01
 Operator : SY/MD
 Sample : L3134-10
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETYK7

Quant Time: Jul 03 01:19:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 01:13:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.65	114	166648	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160536	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	79106	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	44465	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.58	69	36333	5.00	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.00%
11) 1,1-Dichloroethene-d2	2.13	63	70164	3.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.80%
20) 2-Butanone-d5	3.92	46	90149	35.36	ug/L	-0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	70.72%
24) Chloroform-d	4.38	84	96058	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.06	65	52164	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.08	84	177204	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.10	67	51111	4.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.00%
41) Toluene-d8	7.34	98	161947	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	83.00%
45) trans-1,3-Dichloropropene-	7.65	79	19518	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
48) 2-Hexanone-d5	8.11	63	64388	32.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.08%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	33728	4.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	62891	4.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.00%

Target Compounds

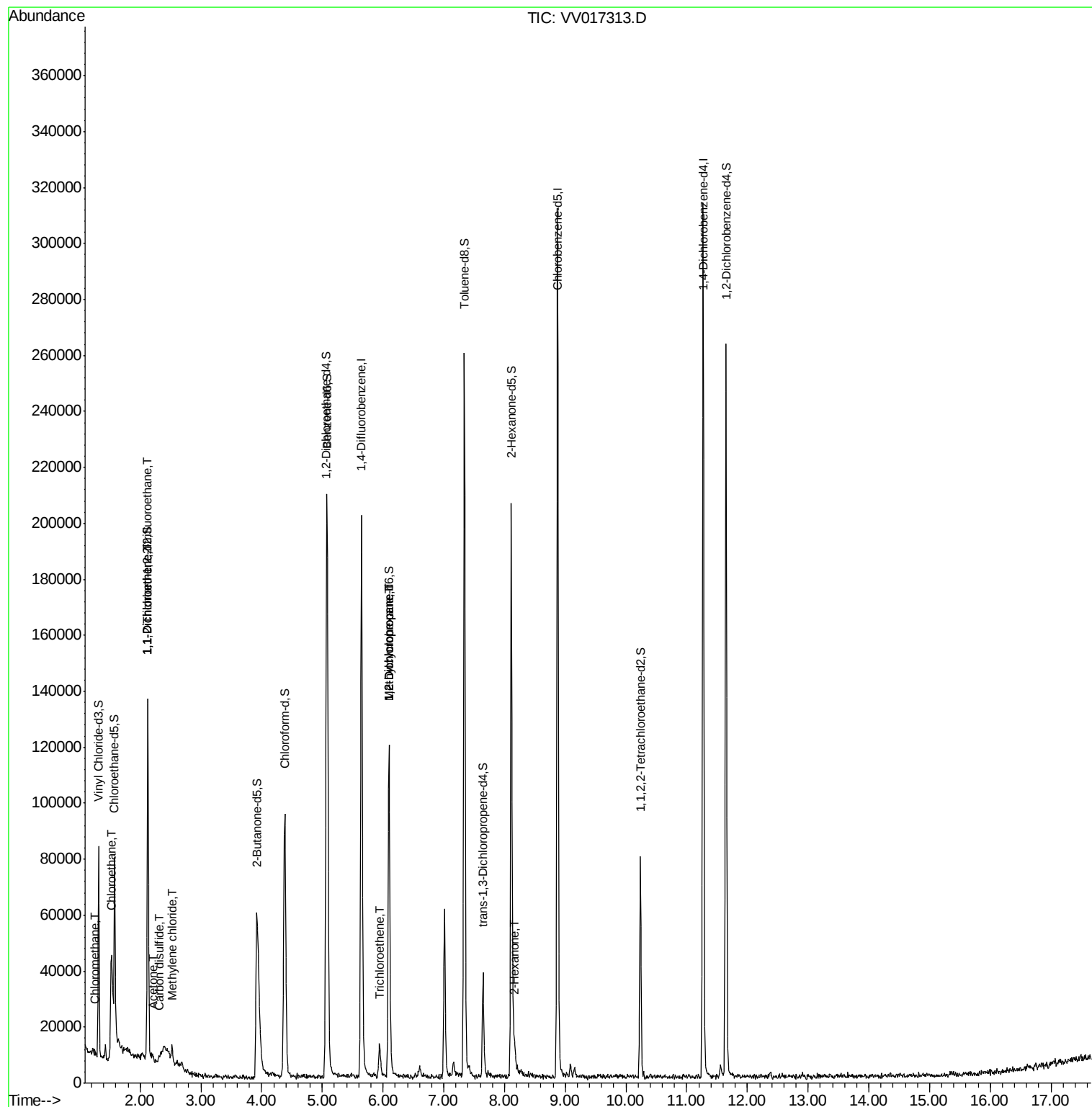
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	1407	0.125	ug/L	84
8) Chloroethane	1.52	64	86658	14.339	ug/L #	53
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	764	0.087	ug/L #	20
12) 1,1-Dichloroethene	2.13	96	606	0.076	ug/L #	1
13) Acetone	2.20	43	3022	2.345	ug/L	98
14) Carbon disulfide	2.32	76	1805	0.075	ug/L #	47
16) Methylene chloride	2.53	84	2044	0.239	ug/L	80
34) Trichloroethene	5.94	95	2981	0.242	ug/L	86
35) Methylcyclohexane	6.10	83	14483	0.757	ug/L #	17
37) 1,2-Dichloropropane	6.10	63	7046	0.677	ug/L #	85
50) 2-Hexanone	8.17	43	3634	0.850	ug/L #	90

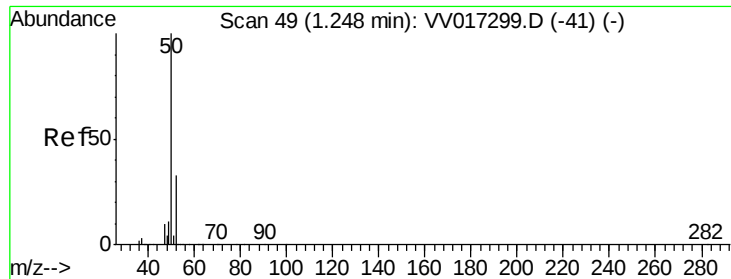
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Jul 03 01:13:36 2020
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.125 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV017313.D

Acq: 02 Jul 2020 16:01

Instrument :

MSVOA_V

ClientSampleId :

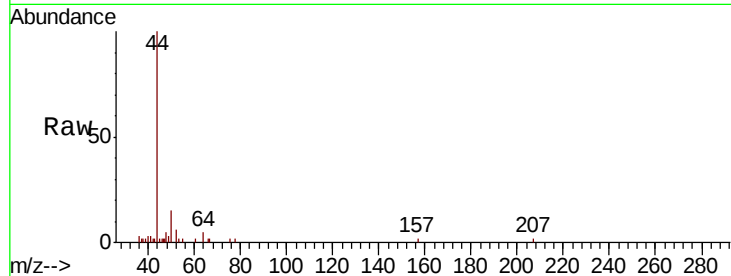
ETVK7

Tot Ion: 50 Resp: 1407

Ion Ratio Lower Upper

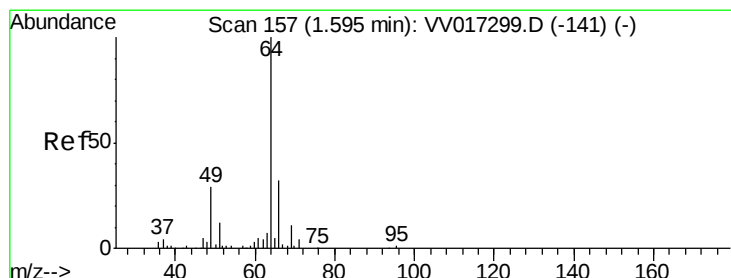
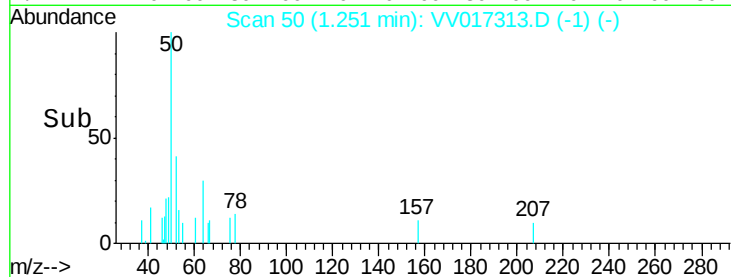
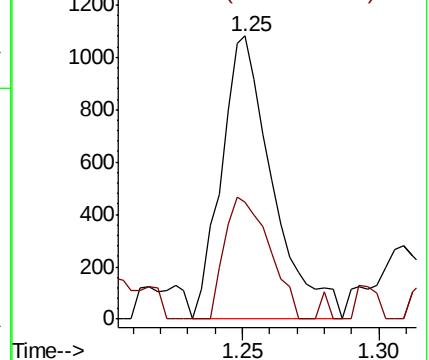
50 100

52 41.3 22.5 41.9



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#8

Chloroethane

Concen: 14.339 ug/L

RT: 1.52 min Scan# 135

Delta R.T. -0.07 min

Lab File: VV017313.D

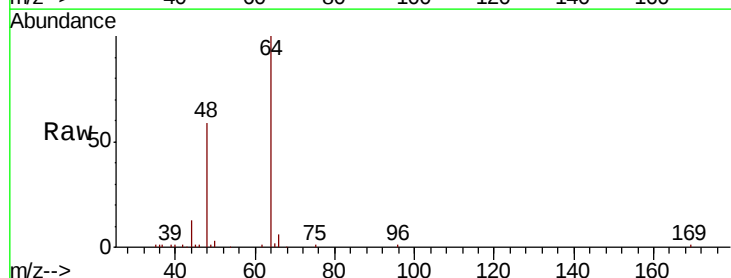
Acq: 02 Jul 2020 16:01

Tgt Ion: 64 Resp: 86658

Ion Ratio Lower Upper

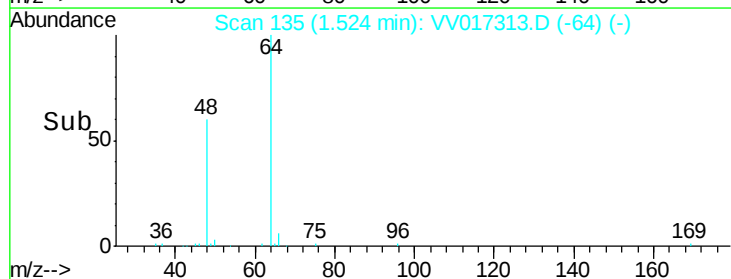
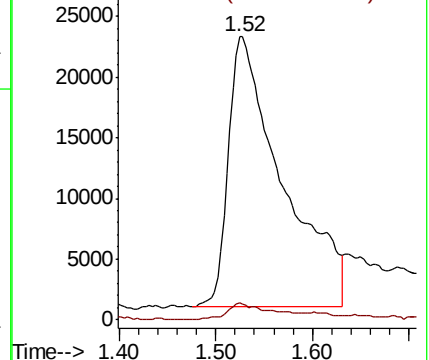
64 100

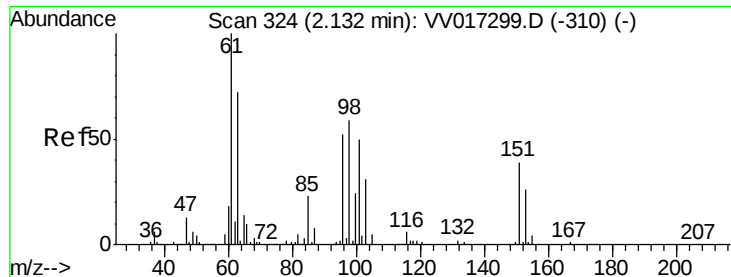
66 6.1 22.8 42.4#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0





#10

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

Concen: 0.087 ug/L

RT: 2.13 min Scan# 324

Delta R.T. 0.00 min

Lab File: VV017313.D

Acq: 02 Jul 2020 16:01

Instrument :

MSVOA_V

ClientSampleId :

ETVK7

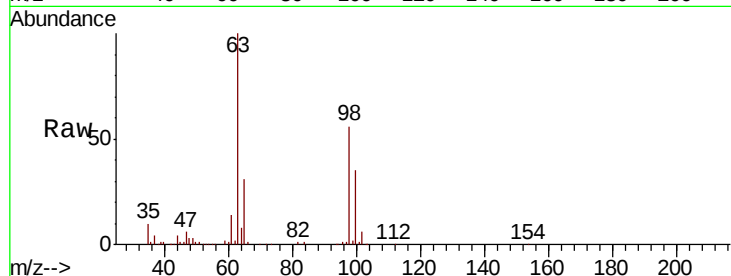
Tot Ion:101 Resp: 764

Ion Ratio Lower Upper

101 100

85 5.6 35.4 53.2#

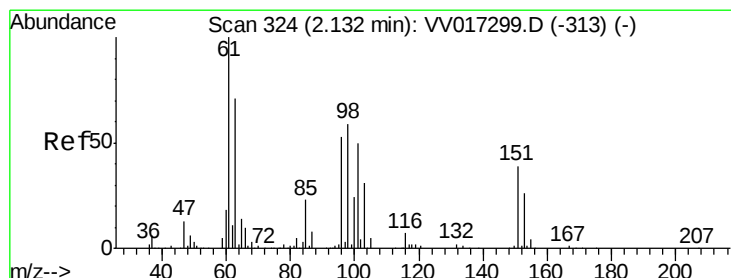
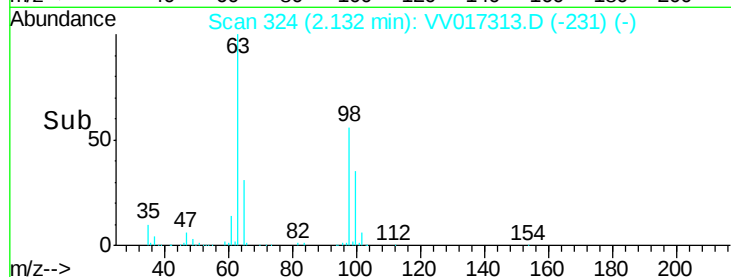
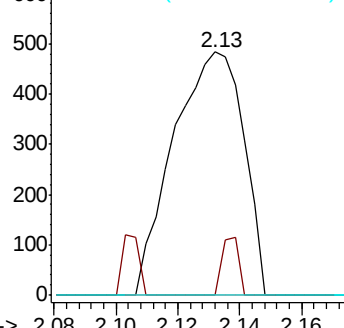
151 0.0 63.9 95.9#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.076 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017313.D

Acq: 02 Jul 2020 16:01

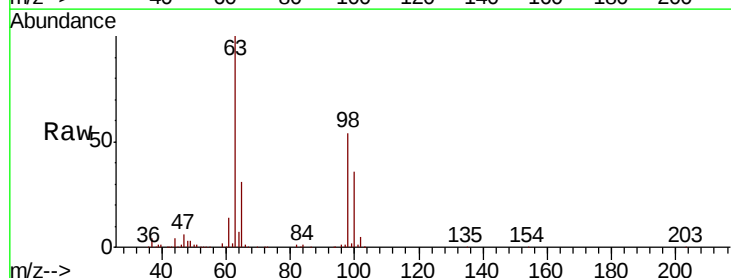
Tgt Ion: 96 Resp: 606

Ion Ratio Lower Upper

96 100

61 1400.0 125.0 232.2#

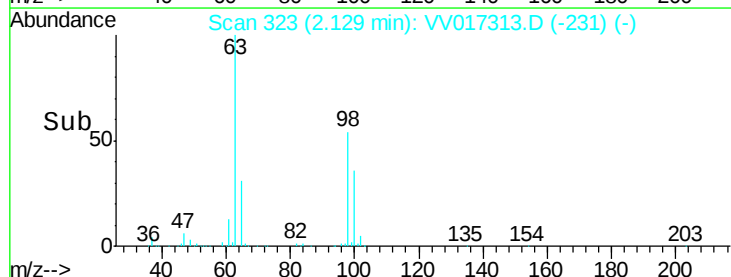
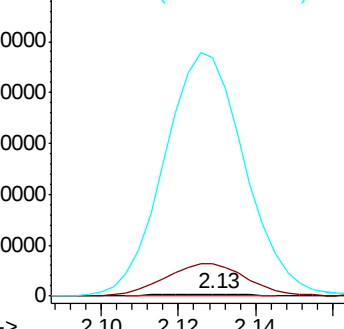
63 10287.5 109.8 203.8#

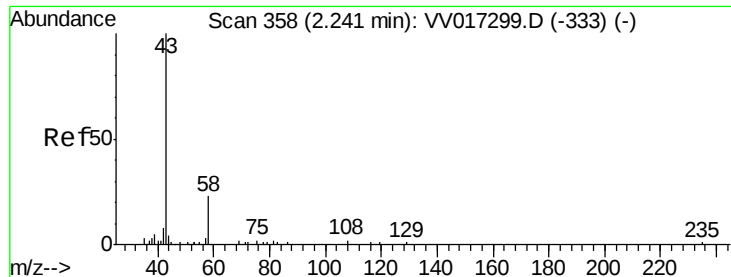


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 2.345 ug/L

RT: 2.20 min Scan# 344

Delta R.T. -0.04 min

Lab File: VV017313.D

Acq: 02 Jul 2020 16:01

Instrument :

MSVOA_V

ClientSampleId :

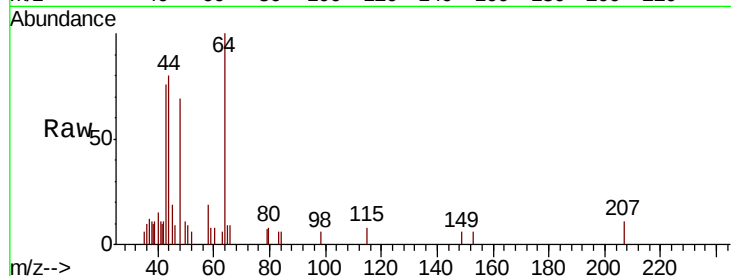
ETYK7

Tot Ion: 43 Resp: 3022

Ion Ratio Lower Upper

43 100

58 30.0 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2.20

1500

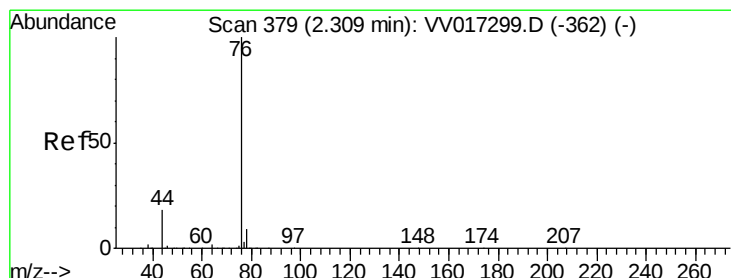
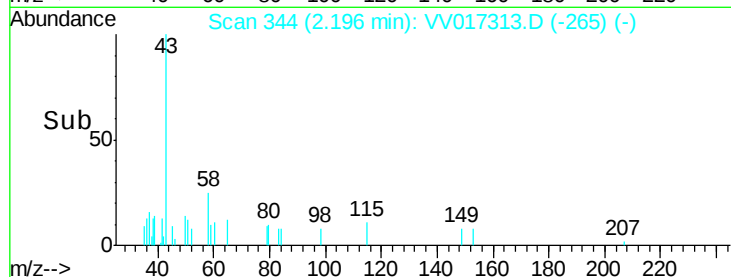
1000

500

0

Time-->

2.15 2.20 2.25



#14

Carbon disulfide

Concen: 0.075 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV017313.D

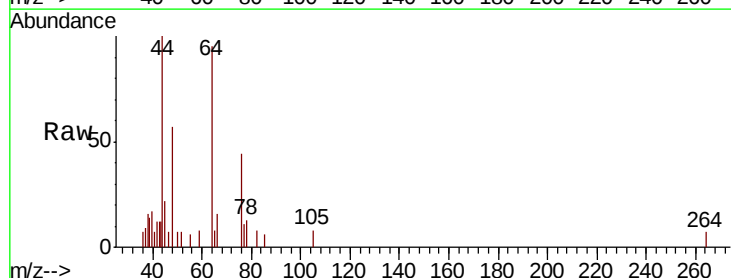
Acq: 02 Jul 2020 16:01

Tgt Ion: 76 Resp: 1805

Ion Ratio Lower Upper

76 100

78 29.0 7.7 11.5#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2.32

800

600

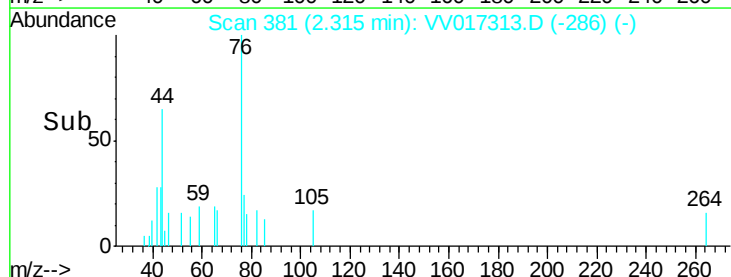
400

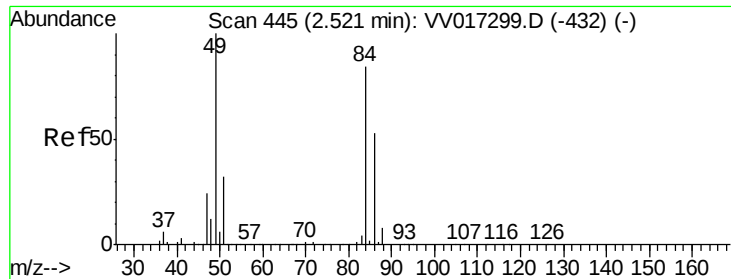
200

0

Time-->

2.25 2.30 2.35

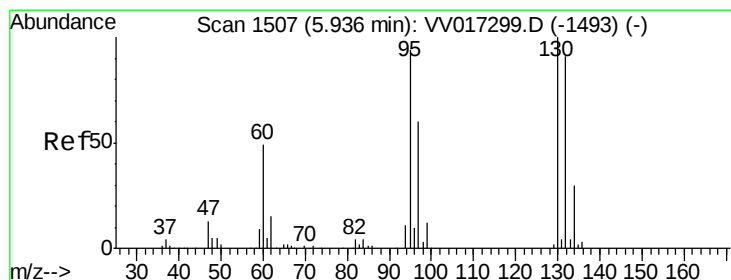
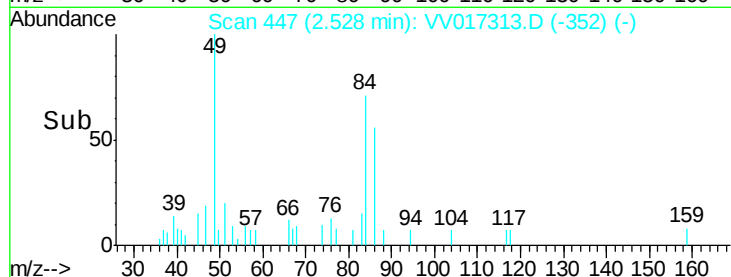
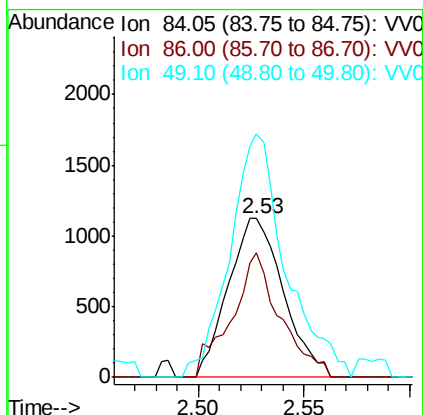
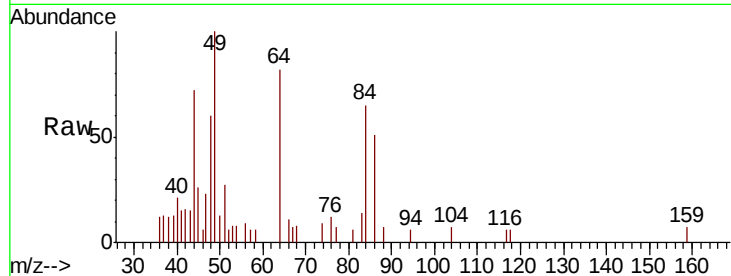




#16
Methvlene chloride
Concen: 0.239 ug/L
RT: 2.53 min Scan# 447
Delta R.T. 0.01 min
Lab File: VV017313.D
Acq: 02 Jul 2020 16:01

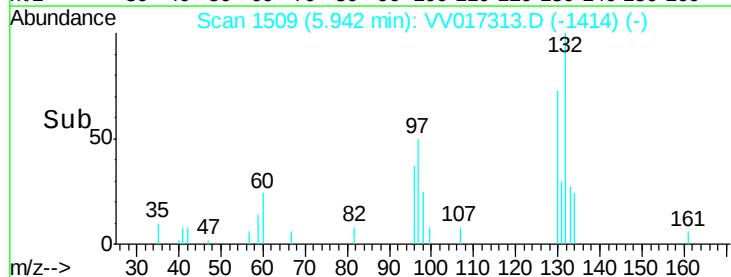
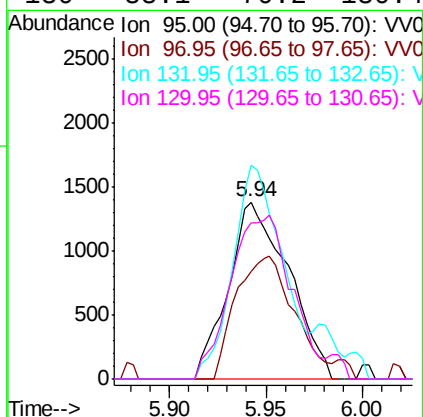
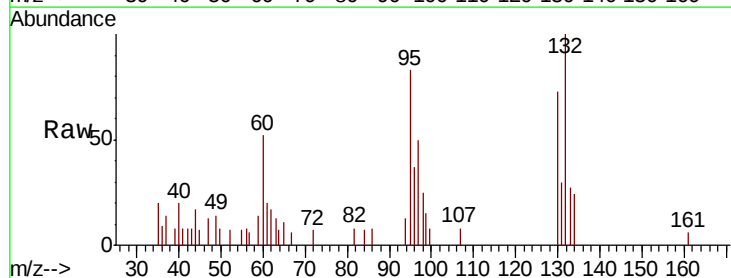
Instrument :
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ClientSampleId :
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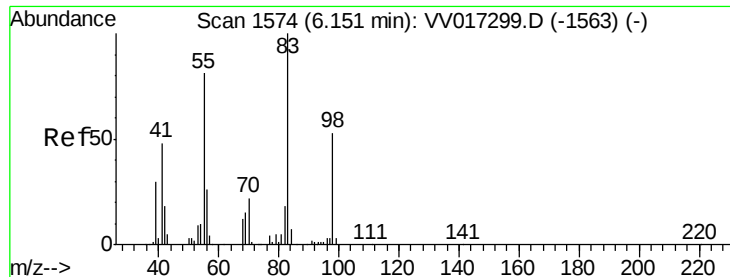
Tot Ion: 84 Resp: 2044
Ion Ratio Lower Upper
84 100
86 78.0 45.8 85.0
49 153.2 89.6 166.4



#34
Trichloroethene
Concen: 0.242 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV017313.D
Acq: 02 Jul 2020 16:01

Tgt Ion: 95 Resp: 2981
Ion Ratio Lower Upper
95 100
97 60.6 45.3 84.1
132 120.7 68.8 127.8
130 88.1 70.2 130.4





#35

Methylcyclohexane

Concen: 0.757 ug/L

RT: 6.10 min Scan# 1557

Delta R.T. -0.05 min

Lab File: VV017313.D

Acq: 02 Jul 2020 16:01

Instrument :

MSVOA_V

ClientSampleId :

ETVK7

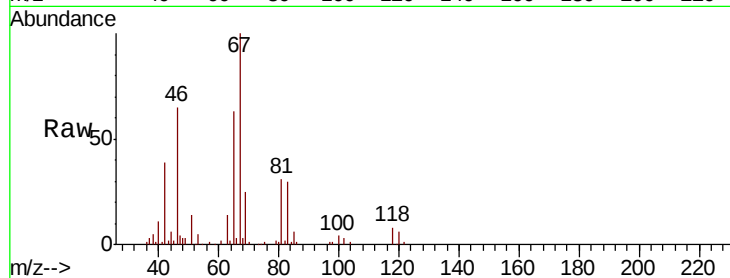
Tot Ion: 83 Resp: 14483

Ion Ratio Lower Upper

83 100

55 0.3 63.6 95.4#

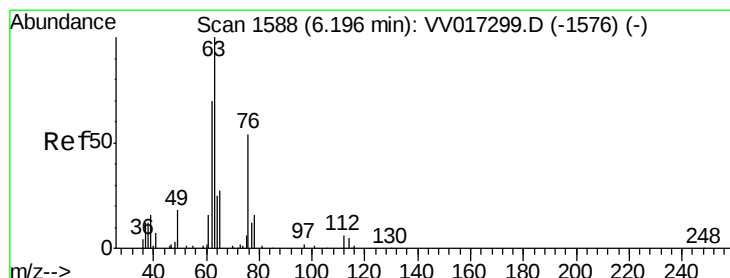
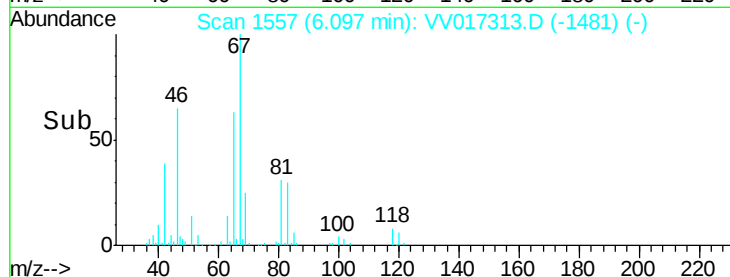
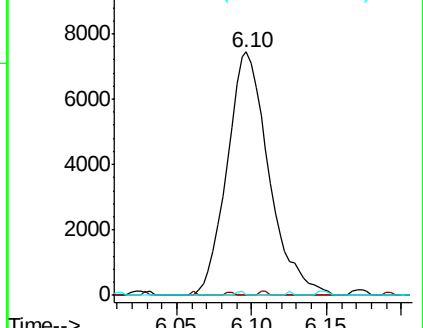
98 0.3 38.8 58.2#



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: 0.677 ug/L

RT: 6.10 min Scan# 1558

Delta R.T. -0.10 min

Lab File: VV017313.D

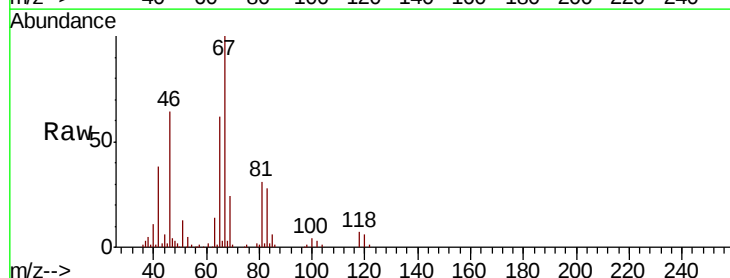
Acq: 02 Jul 2020 16:01

Tgt Ion: 63 Resp: 7046

Ion Ratio Lower Upper

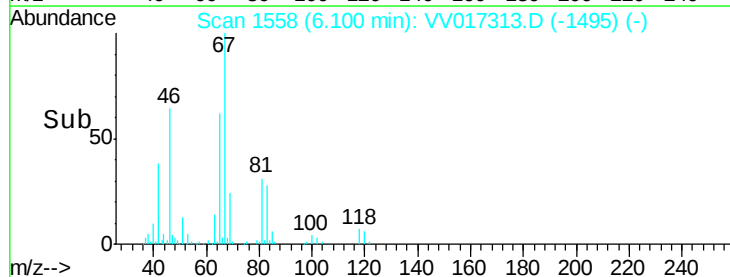
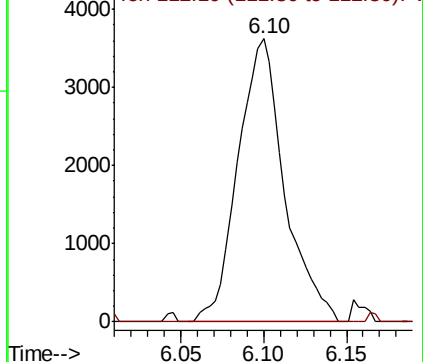
63 100

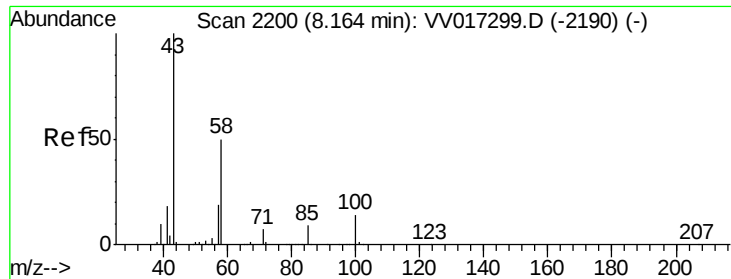
112 0.6 4.4 6.6#



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 112.10 (111.80 to 112.80): V





#50

2-Hexanone

Concen: 0.850 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

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Tot Ion: 43 Resp: 3634

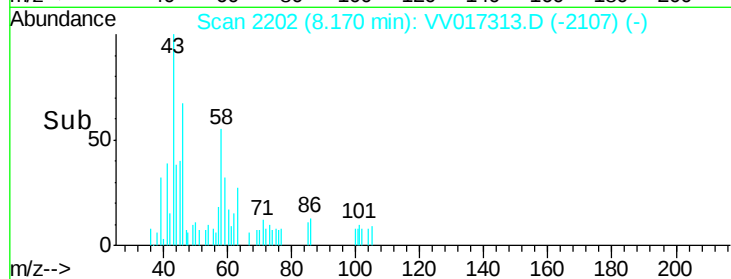
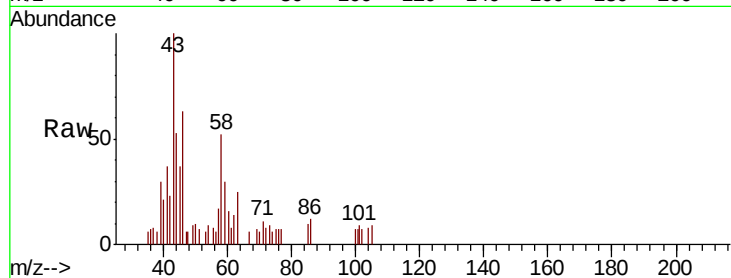
Ion Ratio Lower Upper

43 100

58 48.4 41.6 62.4

57 6.8 15.4 23.0#

100 12.4 10.1 15.1



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

