

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070220\
 Data File : VV017329.D
 Acq On : 03 Jul 2020 00:37
 Operator : SY/MD
 Sample : L3116-14
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Jul 03 06:20:52 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 03 06:15:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	158990	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	155002	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	74629	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41292	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	33449	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.40%
11) 1,1-Dichloroethene-d2	2.13	63	65877	3.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	72.60%
20) 2-Butanone-d5	3.92	46	99745	41.01	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.02%
24) Chloroform-d	4.38	84	90660	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.06	65	51786	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.08	84	171358	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.20%
36) 1,2-Dichloropropane-d6	6.10	67	48939	4.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	81.20%
41) Toluene-d8	7.34	98	154559	4.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.00%
45) trans-1,3-Dichloropropene-	7.64	79	19482	3.89	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.80%
48) 2-Hexanone-d5	8.11	63	63050	33.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	66.00%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	32480	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	63302	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

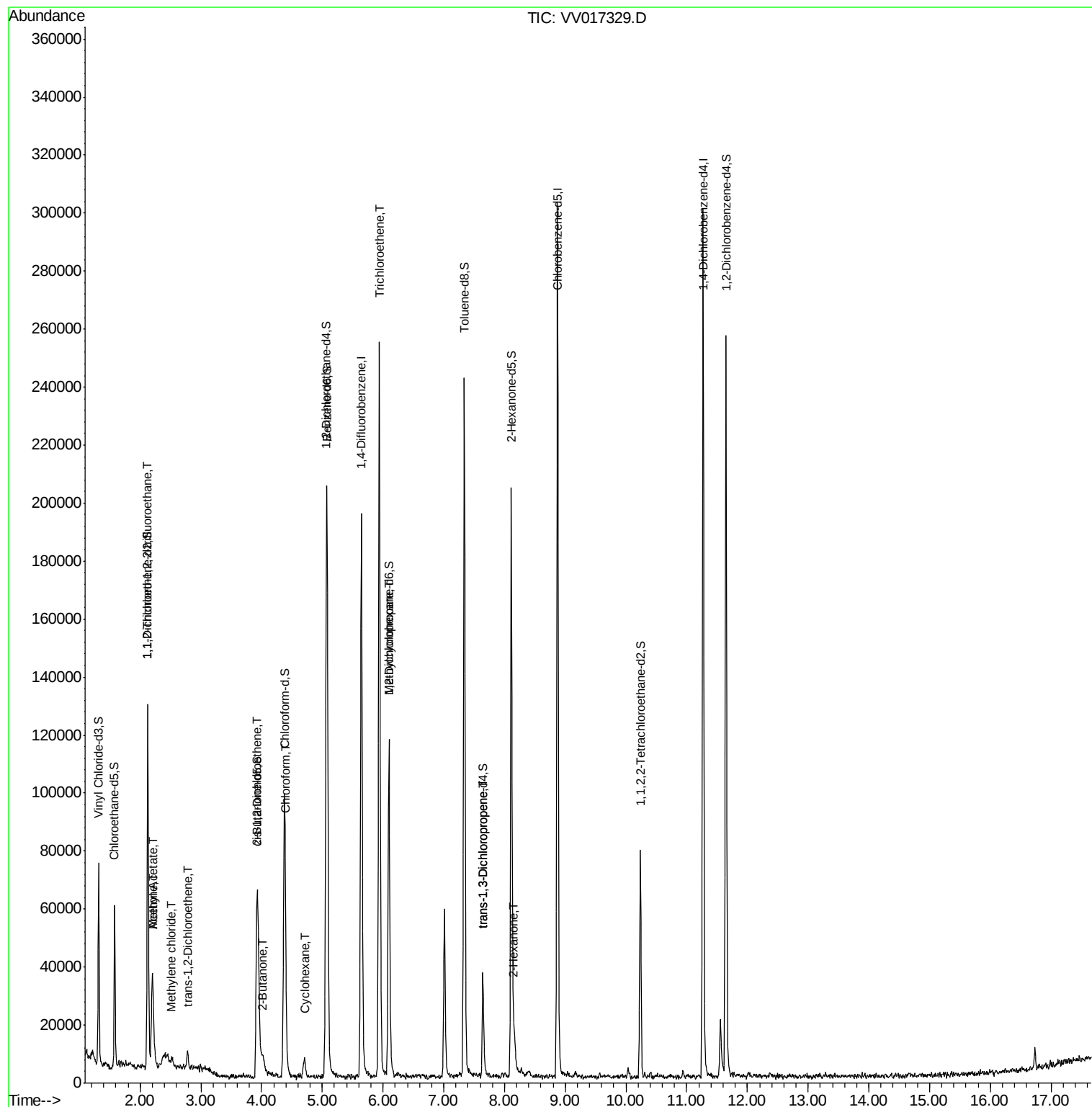
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	691	0.082	ug/L #	21
13) Acetone	2.20	43	56990	46.357	ug/L	95
15) Methyl Acetate	2.20	43	54543	18.147	ug/L #	52
16) Methylene chloride	2.52	84	1142	0.140	ug/L #	55
18) trans-1,2-Dichloroethene	2.78	96	1695	0.210	ug/L #	81
21) 2-Butanone	4.02	43	8794	3.795	ug/L	76
22) cis-1,2-Dichloroethene	3.94	96	10074	0.911	ug/L	93
25) Chloroform	4.40	83	3825	0.193	ug/L	95
30) Cyclohexane	4.70	56	2565	0.145	ug/L #	84
34) Trichloroethene	5.94	95	84680	7.124	ug/L	98
35) Methylcyclohexane	6.09	83	13663	0.739	ug/L #	18
46) trans-1,3-Dichloropropene	7.65	75	1003	0.078	ug/L #	82
50) 2-Hexanone	8.16	43	6172	1.495	ug/L #	57

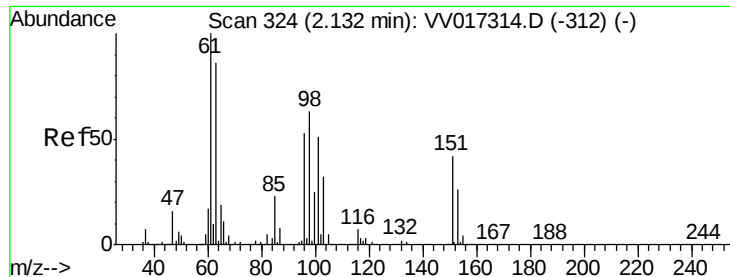
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 03 06:15:26 2020
Response via : Initial Calibration





#10

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

Concen: 0.082 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017329.D

Acq: 03 Jul 2020 00:37

Instrument :

MSVOA_V

ClientSampleId :

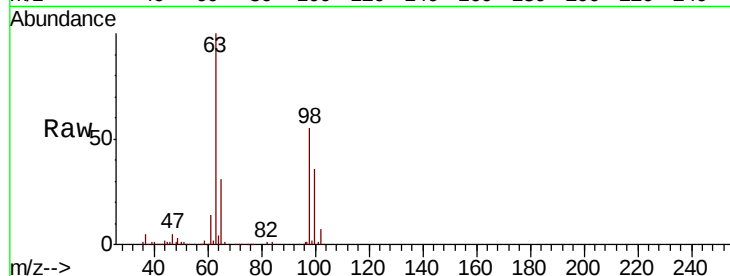
Tot Ion:101 Resp: 691

Ion Ratio Lower Upper

101 100

85 7.1 35.4 53.2#

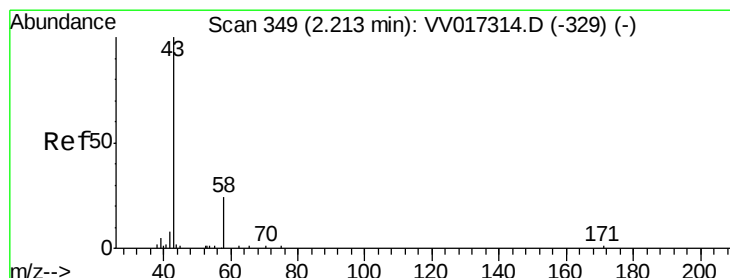
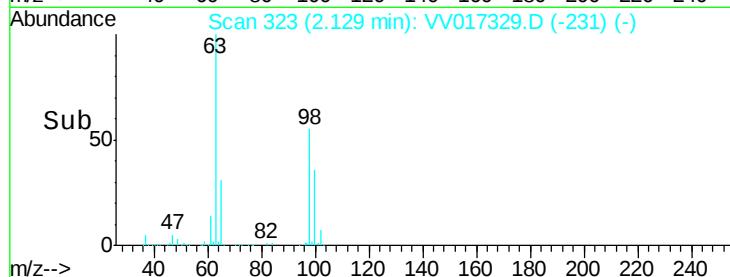
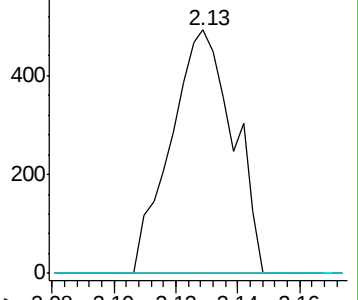
151 0.0 63.9 95.9#



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



#13

Acetone

Concen: 46.357 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.01 min

Lab File: VV017329.D

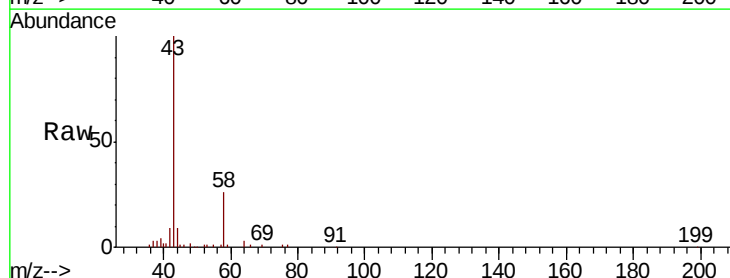
Acq: 03 Jul 2020 00:37

Tgt Ion: 43 Resp: 56990

Ion Ratio Lower Upper

43 100

58 26.3 0.0 58.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

25000

20000

15000

10000

5000

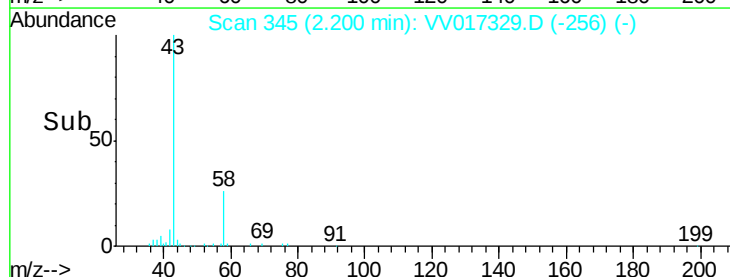
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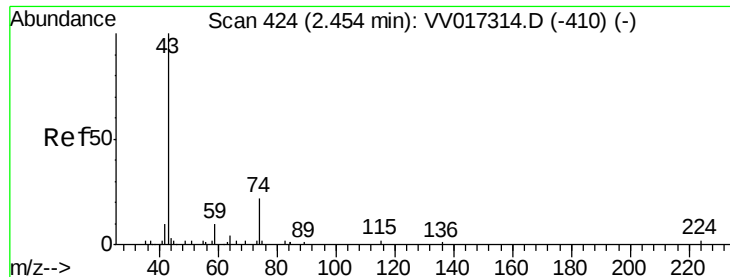
2.10

2.20

2.30

Time-->





#15

Methvl Acetate

Concen: 18.147 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.25 min

Lab File: VV017329.D

Acq: 03 Jul 2020 00:37

Instrument :

MSVOA_V

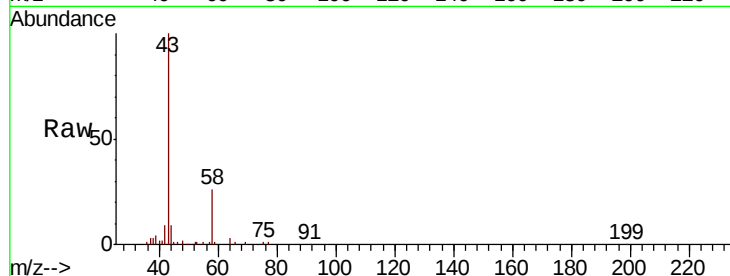
ClientSampleId :

Tot Ion: 43 Resp: 54543

Ion Ratio Lower Upper

43 100

74 0.1 19.1 28.7#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0

25000

20000

15000

10000

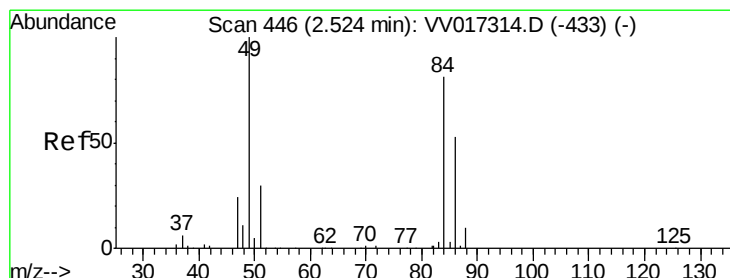
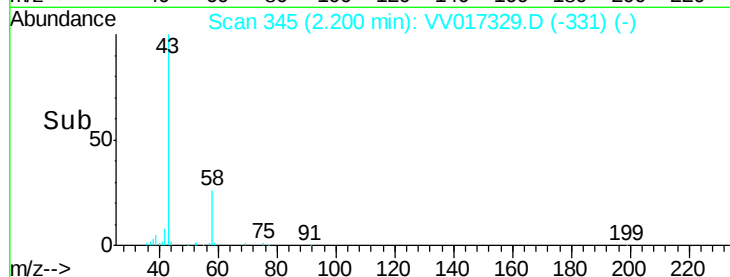
5000

0

Time-->

2.10 2.15 2.20 2.25 2.30

2.20



#16

Methylene chloride

Concen: 0.140 ug/L

RT: 2.52 min Scan# 445

Delta R.T. -0.00 min

Lab File: VV017329.D

Acq: 03 Jul 2020 00:37

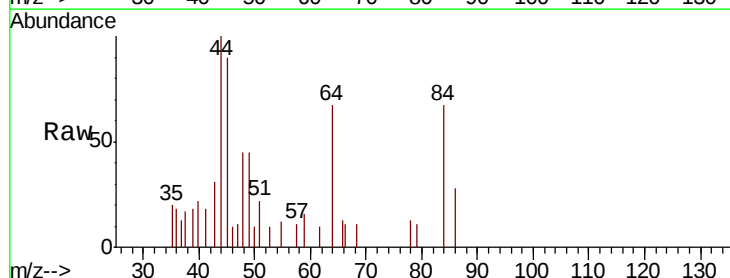
Tgt Ion: 84 Resp: 1142

Ion Ratio Lower Upper

84 100

86 41.6 45.8 85.0#

49 67.1 89.6 166.4#



Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

1000

800

600

400

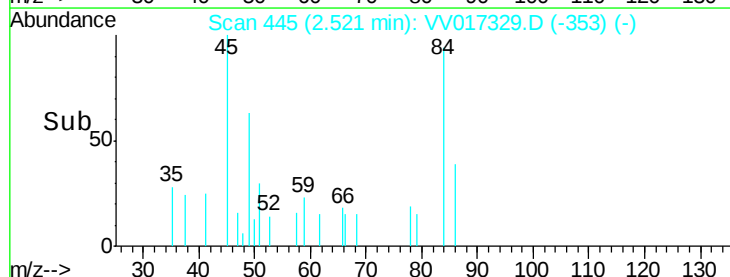
200

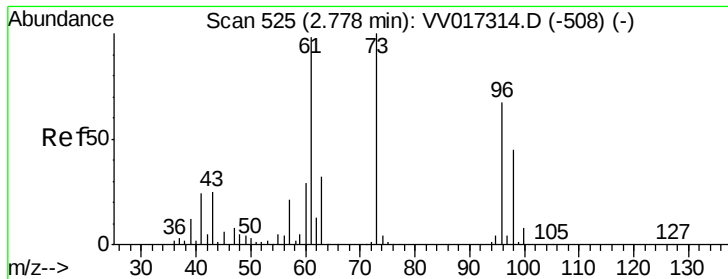
0

Time-->

2.50 2.55

2.52





#18

trans-1,2-Dichloroethene

Concen: 0.210 ug/L

RT: 2.78 min Scan# 527

Delta R.T. 0.01 min

Lab File: VV017329.D

Acq: 03 Jul 2020 00:37

Instrument :

MSVOA_V

ClientSampleId :

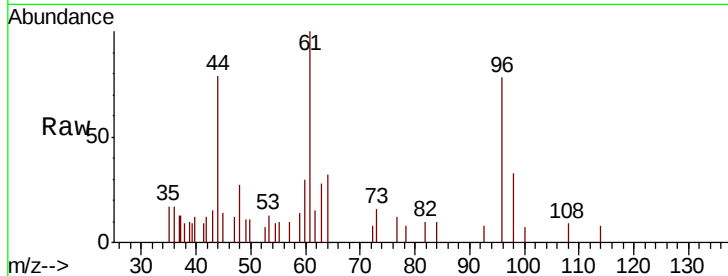
Tot Ion: 96 Resp: 1695

Ion Ratio Lower Upper

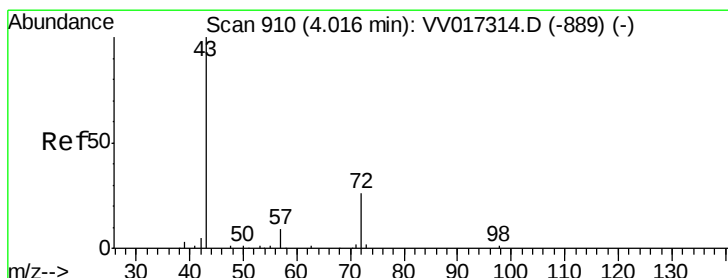
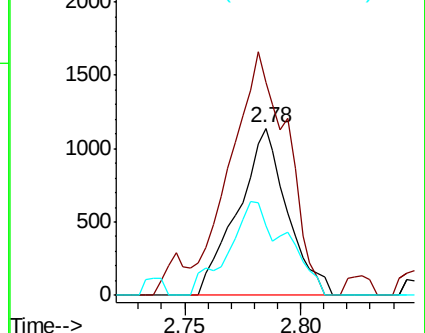
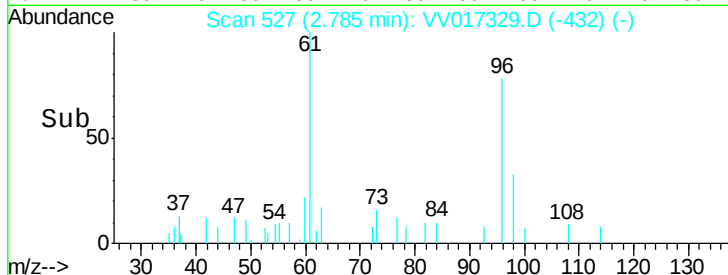
96 100

61 127.5 102.3 189.9

98 41.6 44.7 82.9#



Abundance Ion 96.00 (95.70 to 96.70): VV017329.D (-432) (-)



#21

2-Butanone

Concen: 3.795 ug/L

RT: 4.02 min Scan# 912

Delta R.T. 0.01 min

Lab File: VV017329.D

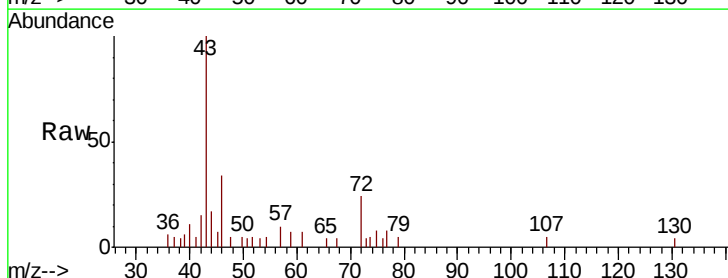
Acq: 03 Jul 2020 00:37

Tgt Ion: 43 Resp: 8794

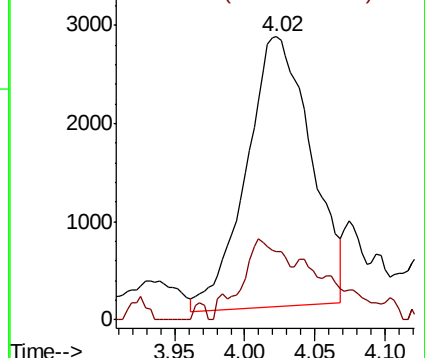
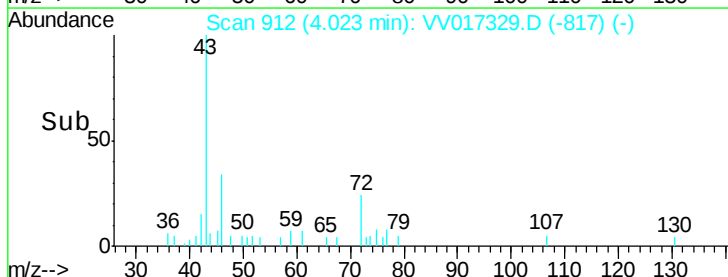
Ion Ratio Lower Upper

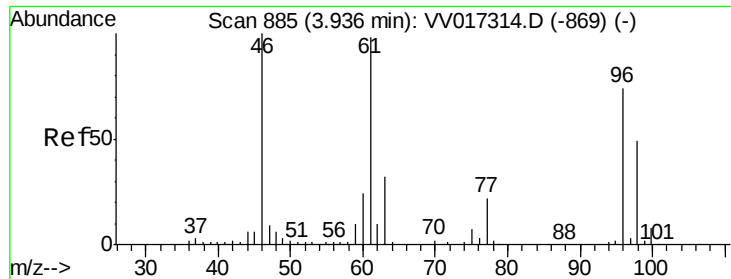
43 100

72 12.8 12.4 37.4



Abundance Ion 43.00 (42.70 to 43.70): VV017329.D (-817) (-)



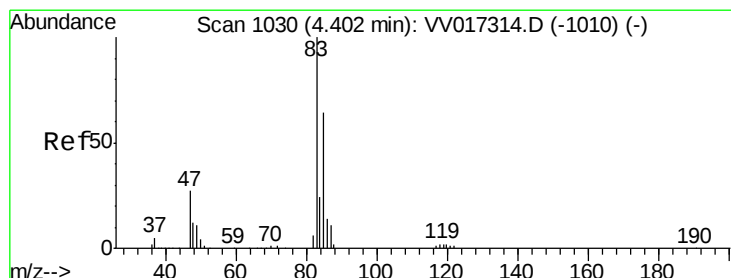
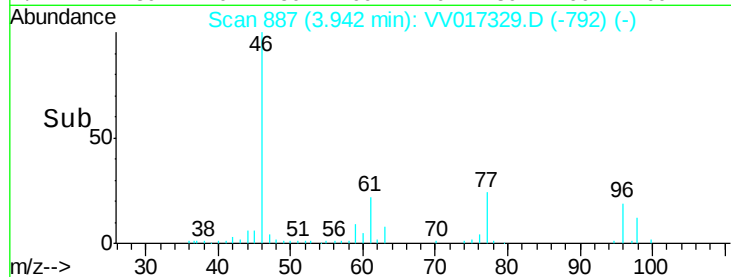
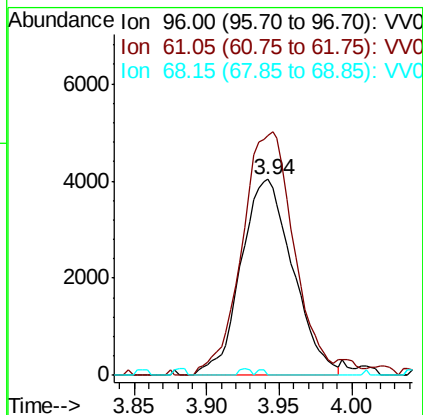
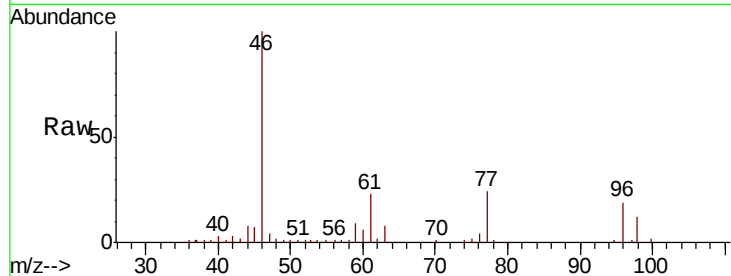


#22

cis-1,2-Dichloroethene
 Concen: 0.911 ug/L
 RT: 3.94 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: VV017329.D
 Acq: 03 Jul 2020 00:37

Instrument :
 MSVOA_V
 ClientSampleId :

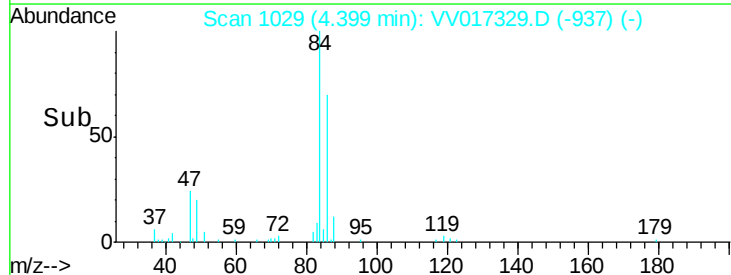
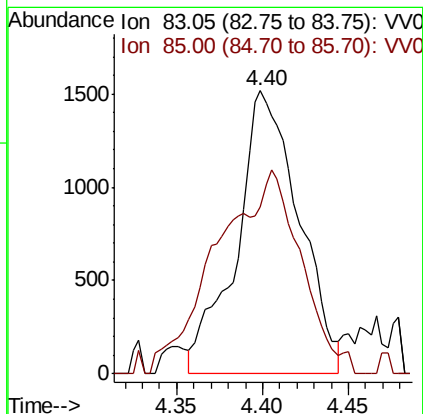
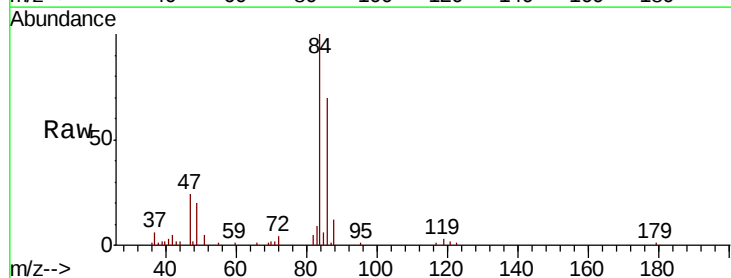
Tot Ion: 96 Resp: 10074
 Ion Ratio Lower Upper
 96 100
 61 122.2 91.0 169.0
 68 0.0 0.0 0.0

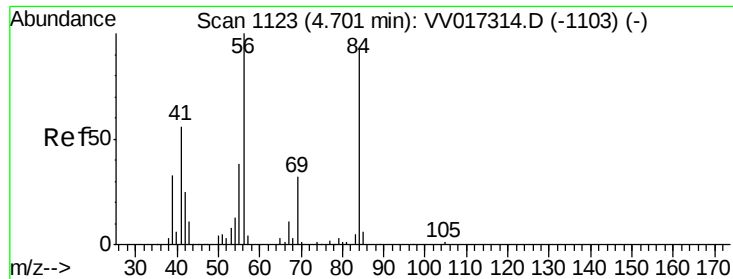


#25

Chloroform
 Concen: 0.193 ug/L
 RT: 4.40 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VV017329.D
 Acq: 03 Jul 2020 00:37

Tgt Ion: 83 Resp: 3825
 Ion Ratio Lower Upper
 83 100
 85 59.1 44.2 82.2

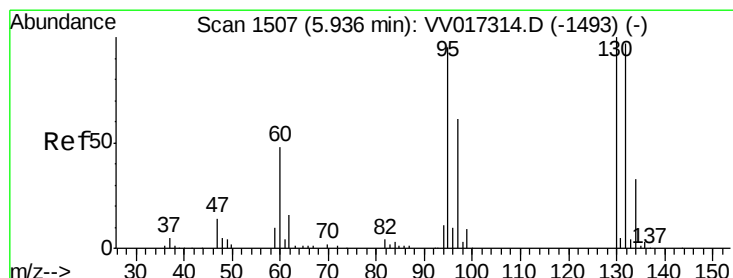
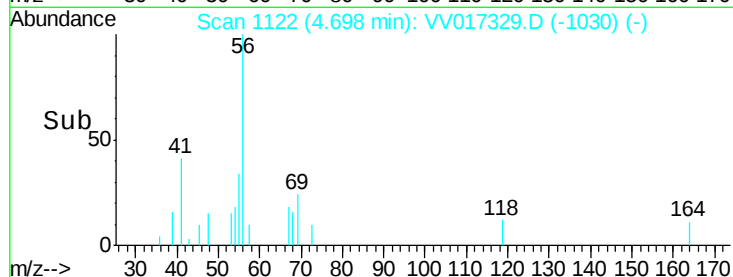
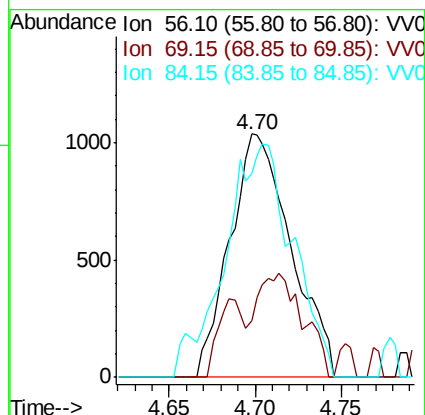
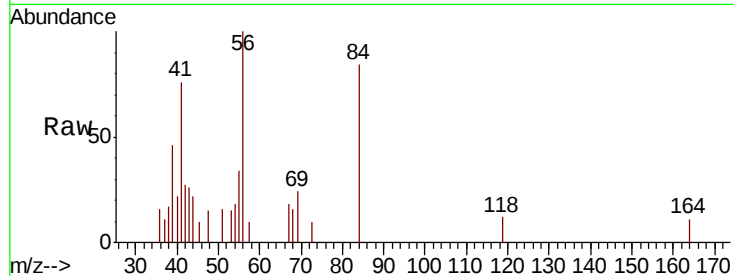




#30
Cyclohexane
Concen: 0.145 ug/L
RT: 4.70 min Scan# 1122
Delta R.T. -0.00 min
Lab File: VV017329.D
Acq: 03 Jul 2020 00:37

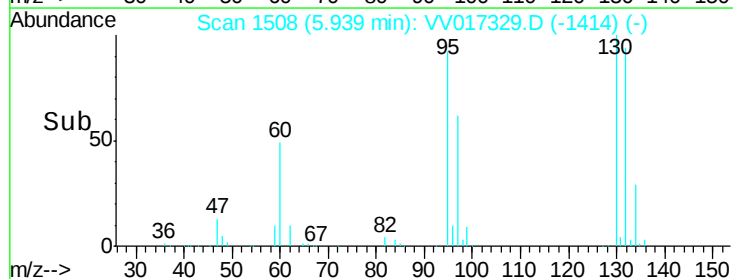
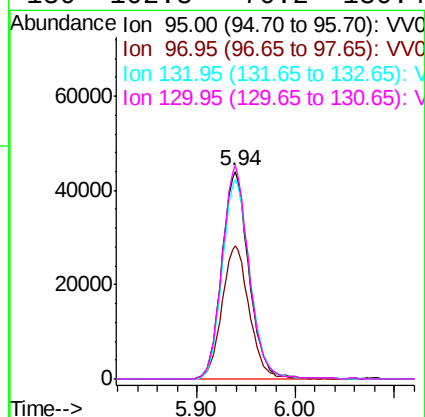
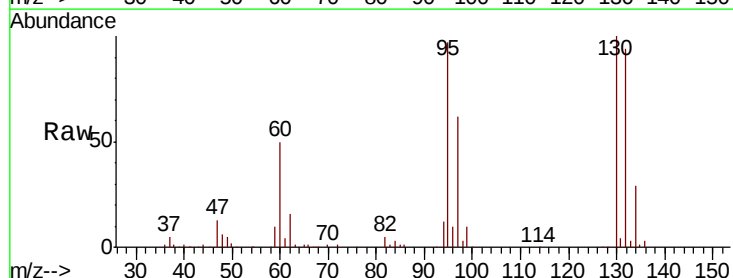
Instrument :
MSVOA_V
ClientSampled :

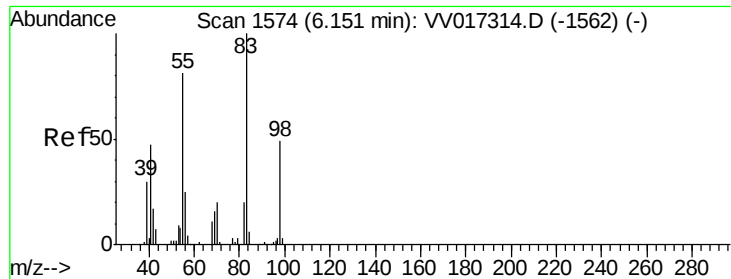
Tot Ion: 56 Resp: 2565
Ion Ratio Lower Upper
56 100
69 32.4 24.4 36.6
84 106.3 69.9 104.9#



#34
Trichloroethene
Concen: 7.124 ug/L
RT: 5.94 min Scan# 1508
Delta R.T. 0.00 min
Lab File: VV017329.D
Acq: 03 Jul 2020 00:37

Tgt Ion: 95 Resp: 84680
Ion Ratio Lower Upper
95 100
97 64.0 45.3 84.1
132 96.1 68.8 127.8
130 102.8 70.2 130.4

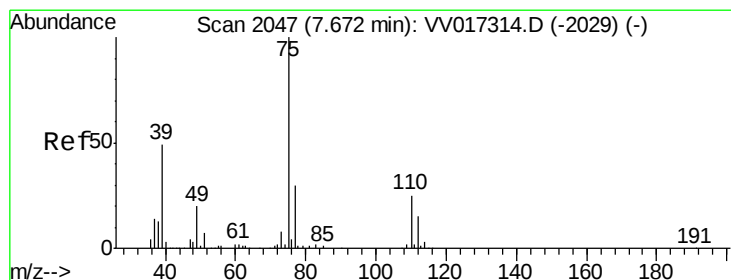
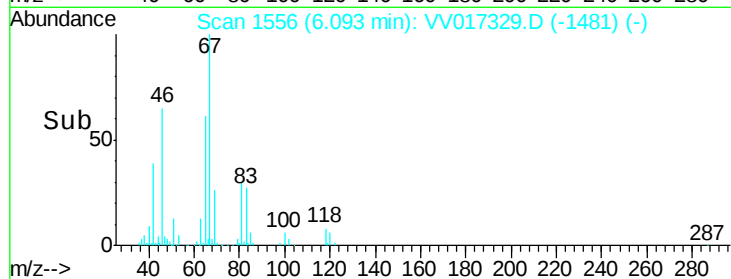
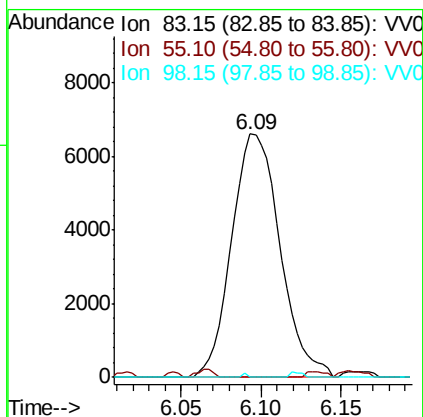
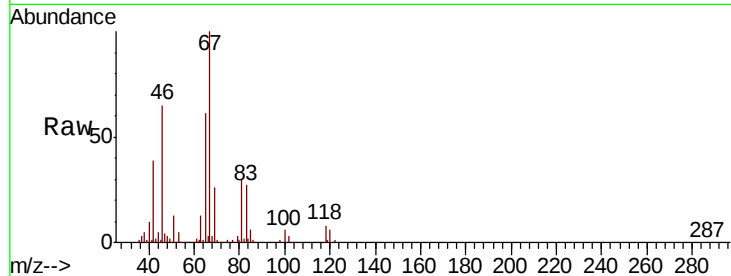




#35
Methylcyclohexane
Concen: 0.739 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.06 min
Lab File: VV017329.D
Acq: 03 Jul 2020 00:37

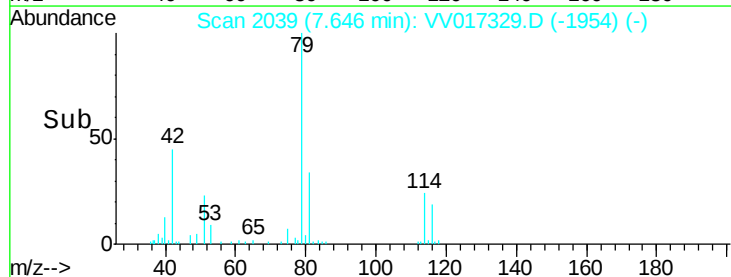
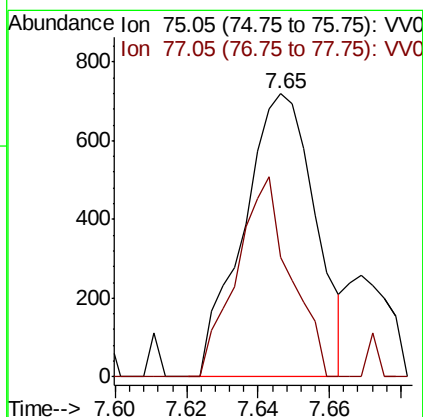
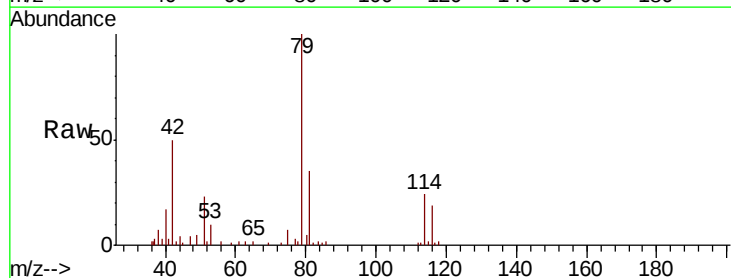
Instrument :
MSVOA_V
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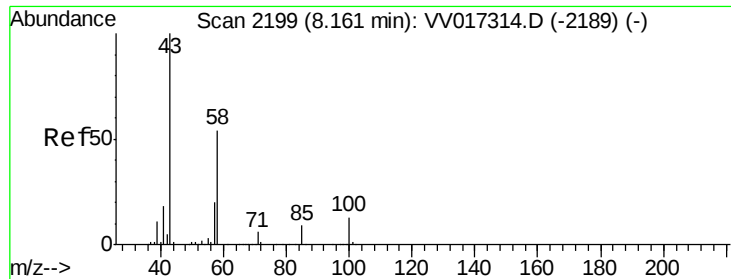
Tot Ion: 83 Resp: 13663
Ion Ratio Lower Upper
83 100
55 1.1 63.6 95.4#
98 0.0 38.8 58.2#



#46
trans-1,3-Dichloropropene
Concen: 0.078 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.03 min
Lab File: VV017329.D
Acq: 03 Jul 2020 00:37

Tgt Ion: 75 Resp: 1003
Ion Ratio Lower Upper
75 100
77 42.0 22.3 41.3#





#50

2-Hexanone

Concen: 1.495 ug/L

RT: 8.16 min Scan# 2199

Delta R.T. -0.00 min

Lab File: VV017329.D

Acq: 03 Jul 2020 00:37

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 6172

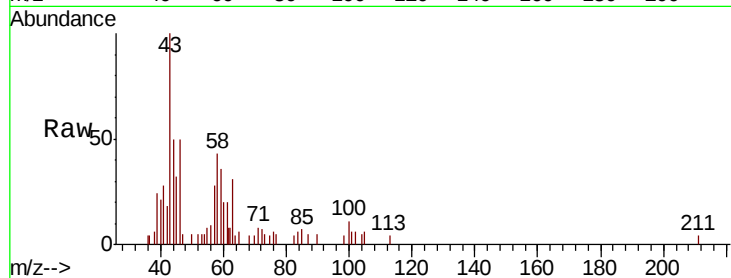
Ion Ratio Lower Upper

43 100

58 7.2 41.6 62.4#

57 24.2 15.4 23.0#

100 9.1 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

