

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100120\
 Data File : VV018589.D
 Acq On : 01 Oct 2020 14:15
 Operator : SY/MD
 Sample : L4117-07
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AA8RE

Quant Time: Oct 01 23:39:12 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM092920WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Oct 01 23:37:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	166961	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167395	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	84808	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	100643	102.78	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	205.56%#
7) Chloroethane-d5	1.58	69	91178	112.62	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	225.24%#
11) 1,1-Dichloroethene-d2	2.12	63	161503	80.95	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	161.90%#
21) 2-Butanone-d5	3.92	46	124896	171.00	ug/L	0.01
Spiked Amount	100.000	Range	40 - 130	Recovery	=	171.00%#
24) Chloroform-d	4.37	84	189421	89.46	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	178.92%#
26) 1,2-Dichloroethane-d4	5.06	65	126844	94.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	188.74%#
32) Benzene-d6	5.07	84	385354	90.88	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	181.76%#
36) 1,2-Dichloropropane-d6	6.09	67	115866	90.44	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	180.88%#
41) Toluene-d8	7.34	98	362639	90.91	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	181.82%#
43) trans-1,3-Dichloropropene-	7.64	79	59374	85.79	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	171.58%#
47) 2-Hexanone-d5	8.11	63	72907	149.83	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	149.83%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	138971	81.82	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	163.64%#
64) 1,2-Dichlorobenzene-d4	11.65	152	154908	94.98	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	189.96%#

Target Compounds

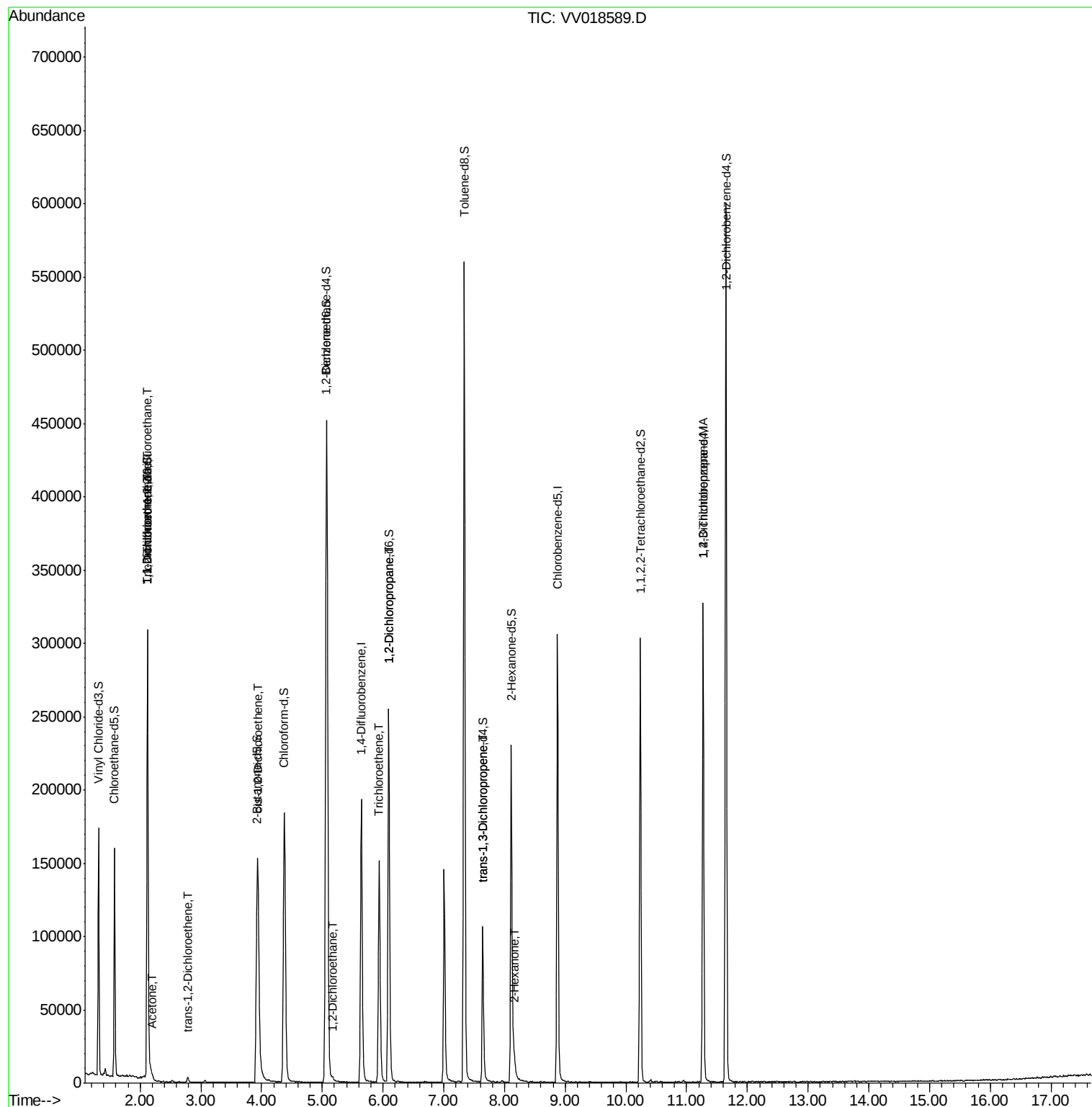
					Ovalue
9) Trichlorofluoromethane	2.12	101	1618	0.834 ug/L #	40
10) 1,1,2-Trichloro-1,2,2-trif	2.12	101	1618	1.489 ug/L #	17
12) 1,1-Dichloroethene	2.12	96	1946	1.867 ug/L #	1
13) Acetone	2.20	43	1719	2.724 ug/L	56
17) trans-1,2-Dichloroethene	2.78	96	1250	1.048 ug/L	93
20) cis-1,2-Dichloroethene	3.94	96	58335	46.025 ug/L	98
27) 1,2-Dichloroethane	5.17	62	1429	0.831 ug/L #	74
34) Trichloroethene	5.94	95	46295	32.426 ug/L	97
37) 1,2-Dichloropropane	6.09	63	13748	10.896 ug/L #	85
44) trans-1,3-Dichloropropene	7.64	75	2859	1.470 ug/L	100
48) 2-Hexanone	8.16	43	9469	7.454 ug/L #	74
59) 1,2,3-Trichloropropane	11.27	75	10059	6.554 ug/L	94

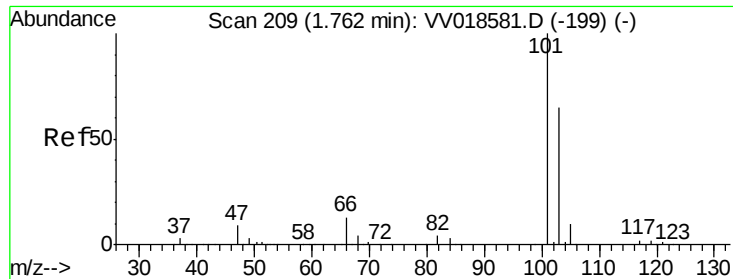
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Thu Oct 01 23:37:24 2020
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.834 ug/L

RT: 2.12 min Scan# 321

Delta R.T. 0.36 min

Lab File: VV018589.D

Acq: 01 Oct 2020 14:15

Instrument :

MSVOA_V

ClientSampleId :

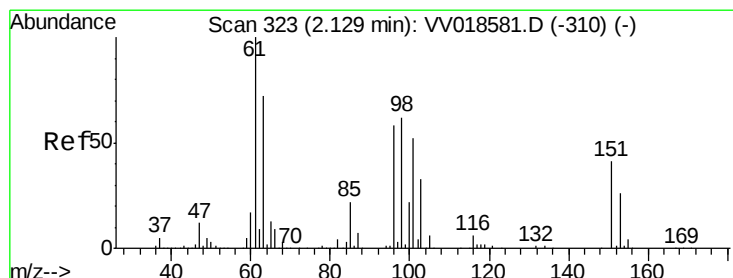
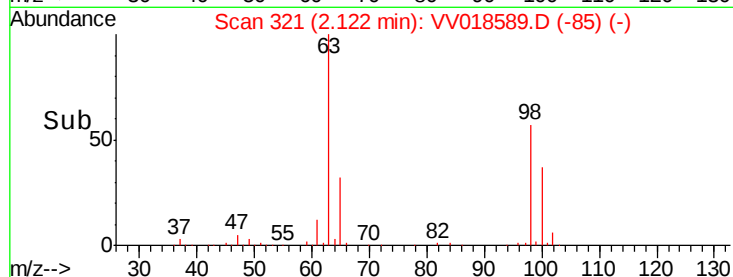
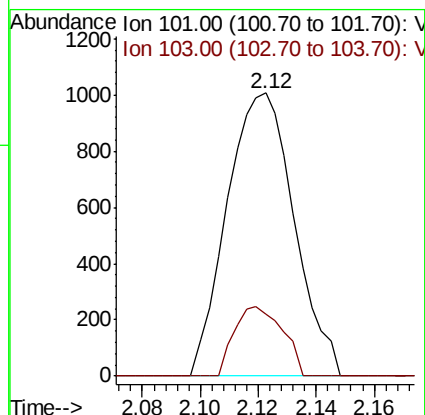
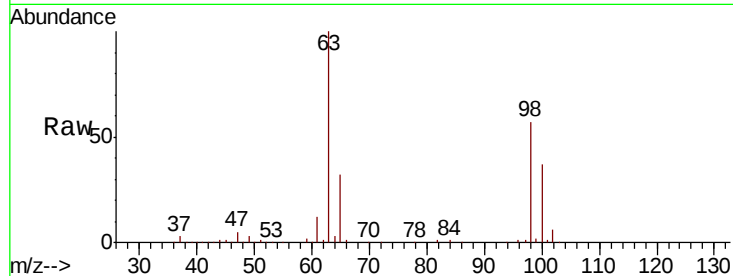
E0AA8RE

Tot Ion:101 Resp: 1618

Ion Ratio Lower Upper

101 100

103 17.6 51.9 77.9#



#10

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

Concen: 1.489 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018589.D

Acq: 01 Oct 2020 14:15

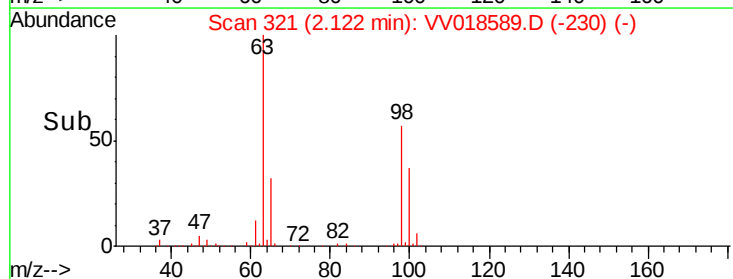
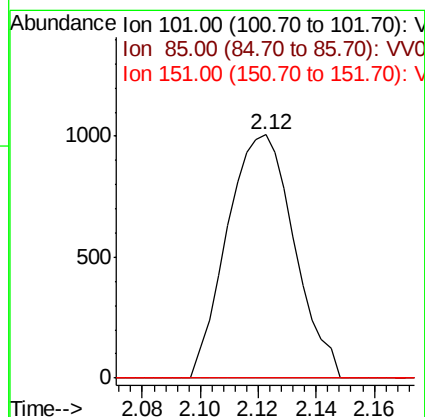
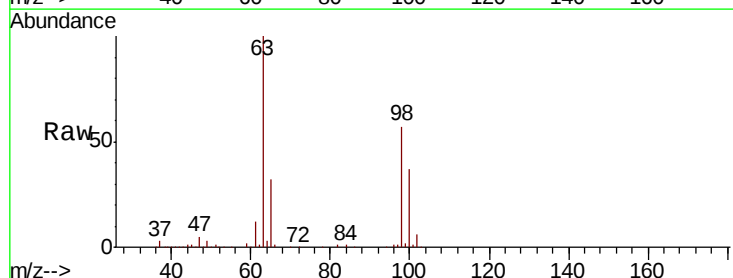
Tgt Ion:101 Resp: 1618

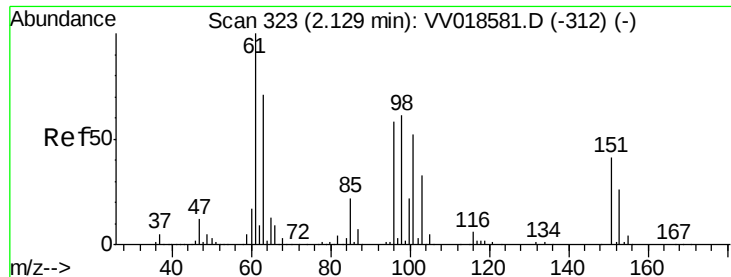
Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 64.3 96.5#





#12

1,1-Dichloroethene

Concen: 1.867 ug/L

RT: 2.12 min Scan# 321

Delta R.T. -0.01 min

Lab File: VV018589.D

Acq: 01 Oct 2020 14:15

Instrument :

MSVOA_V

ClientSampleId :

E0AA8RE

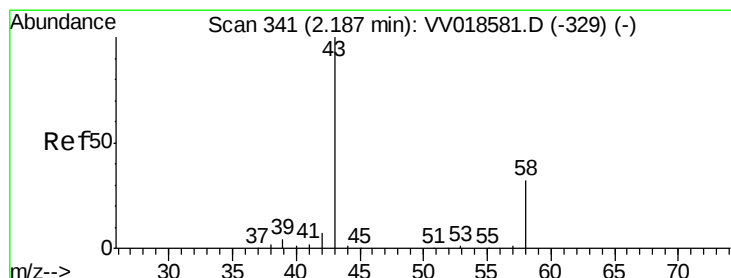
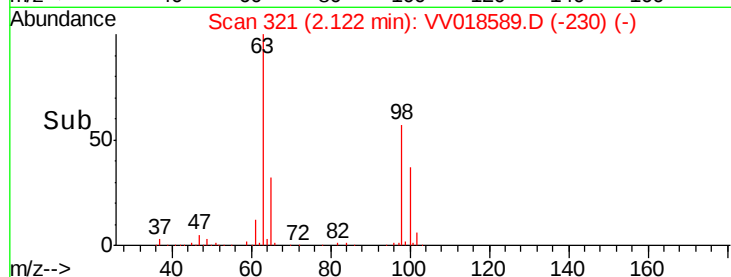
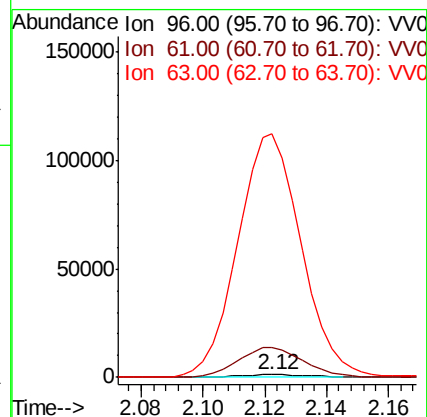
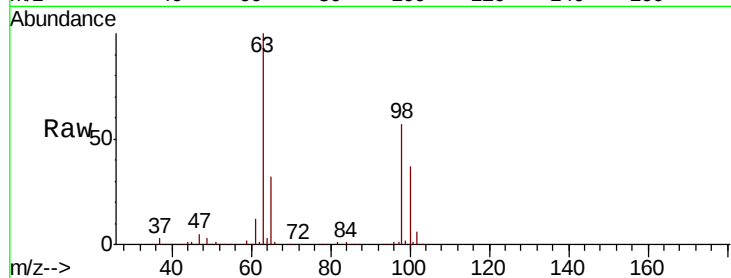
Tot Ion: 96 Resp: 1946

Ion Ratio Lower Upper

96 100

61 1192.5 122.8 228.1#

63 9593.2 91.9 170.7#



#13

Acetone

Concen: 2.724 ug/L

RT: 2.20 min Scan# 346

Delta R.T. 0.02 min

Lab File: VV018589.D

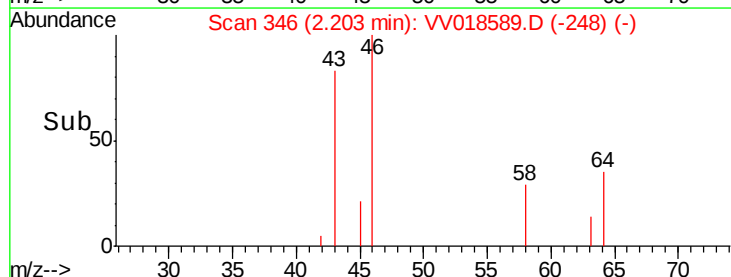
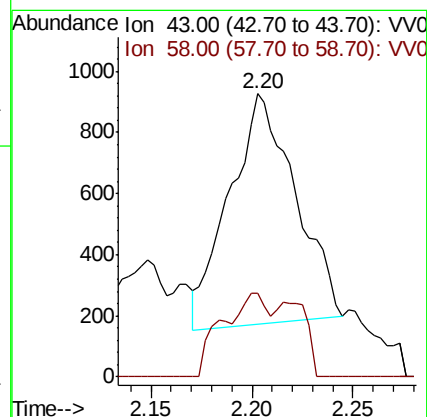
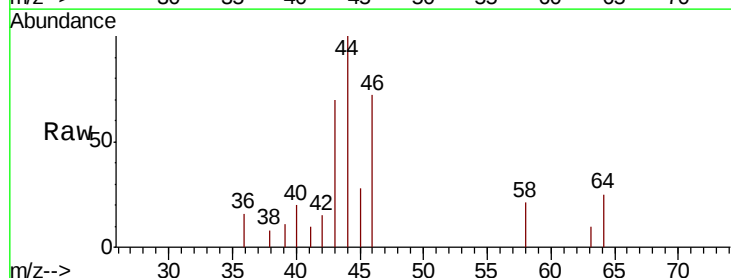
Acq: 01 Oct 2020 14:15

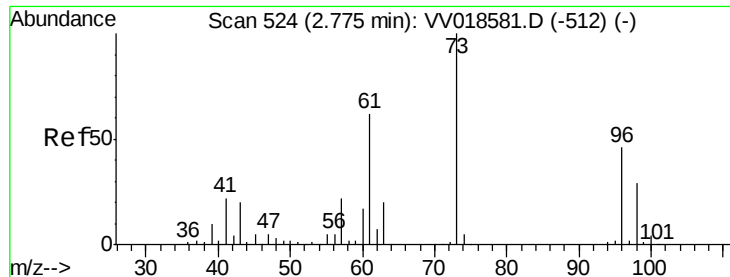
Tgt Ion: 43 Resp: 1719

Ion Ratio Lower Upper

43 100

58 7.3 0.0 64.0

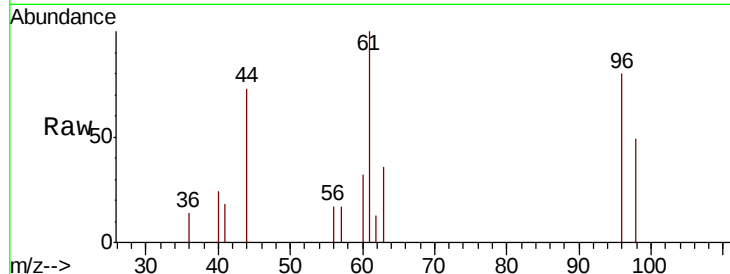




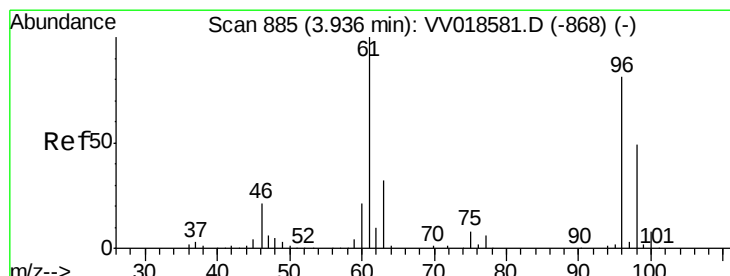
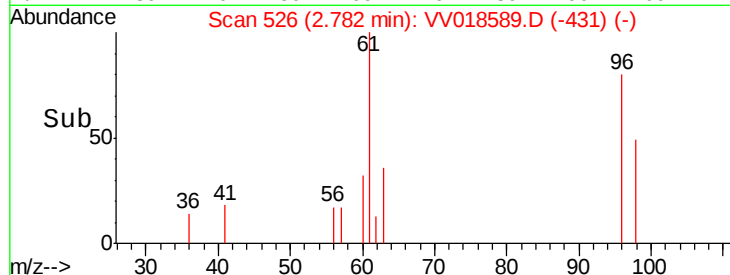
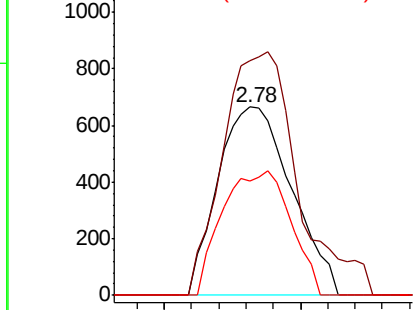
#17
trans-1,2-Dichloroethene
Concen: 1.048 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.01 min
Lab File: VV018589.D
Acq: 01 Oct 2020 14:15

Instrument :
MSVOA_V
ClientSampleId :
E0AA8RE

Tot Ion: 96 Resp: 1250
Ion Ratio Lower Upper
96 100
61 124.7 95.0 176.4
98 60.9 44.6 82.8

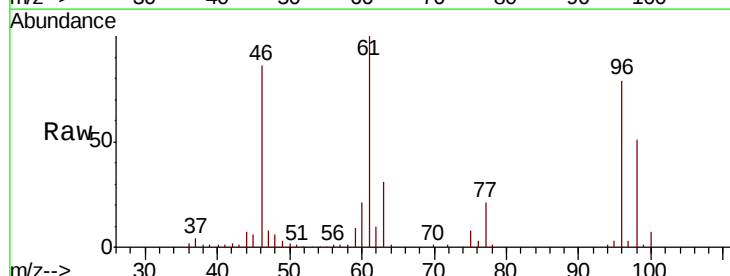


Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 98.00 (97.70 to 98.70): VV0

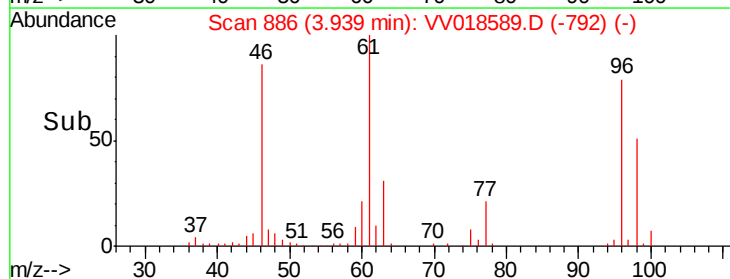
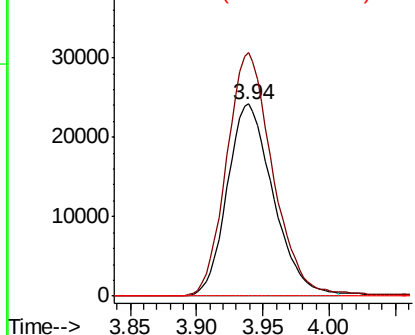


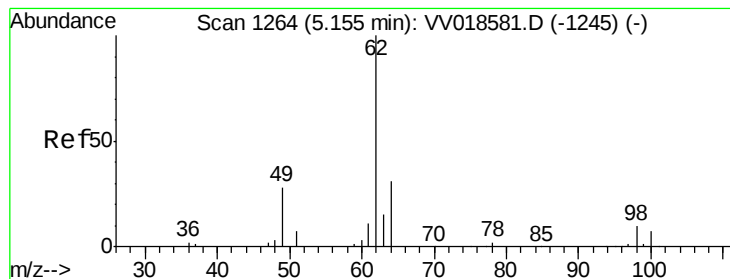
#20
cis-1,2-Dichloroethene
Concen: 46.025 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.00 min
Lab File: VV018589.D
Acq: 01 Oct 2020 14:15

Tgt Ion: 96 Resp: 58335
Ion Ratio Lower Upper
96 100
61 126.7 86.8 161.2
68 0.0 0.0 0.0



Abundance Ion 96.00 (95.70 to 96.70): VV0
Ion 61.00 (60.70 to 61.70): VV0
Ion 68.00 (67.70 to 68.70): VV0





#27

1,2-Dichloroethane

Concen: 0.831 ug/L

RT: 5.17 min Scan# 1269

Delta R.T. 0.02 min

Lab File: VV018589.D

Acq: 01 Oct 2020 14:15

Instrument :

MSVOA_V

ClientSampleId :

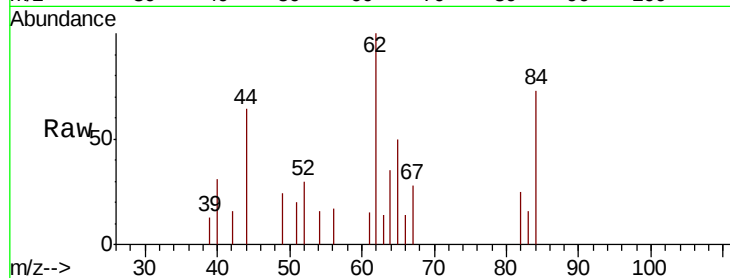
E0AA8RE

Tot Ion: 62 Resp: 1429

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.00 (97.70 to 98.70): VV0

800

600

400

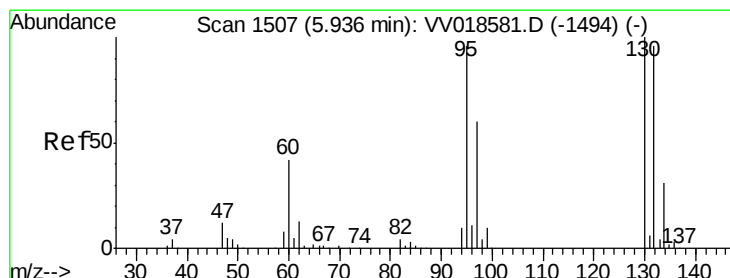
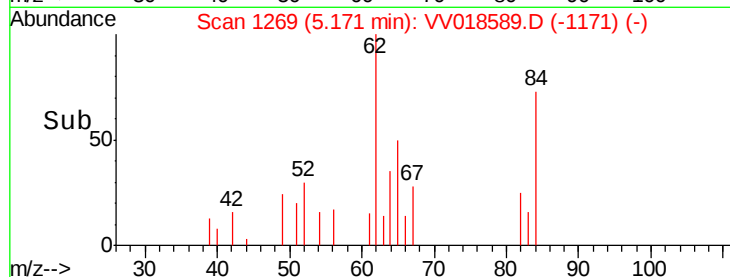
200

0

5.15

5.20

Time-->



#34

Trichloroethene

Concen: 32.426 ug/L

RT: 5.94 min Scan# 1508

Delta R.T. 0.00 min

Lab File: VV018589.D

Acq: 01 Oct 2020 14:15

Tgt Ion: 95 Resp: 46295

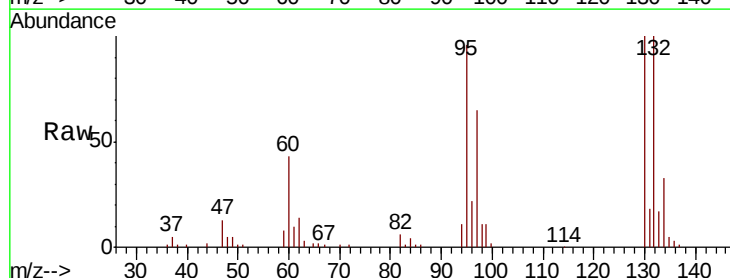
Ion Ratio Lower Upper

95 100

97 68.1 45.9 85.3

132 104.3 70.8 131.4

130 104.2 75.3 139.8



Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 97.00 (96.70 to 97.70): VV0

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

30000

20000

10000

0

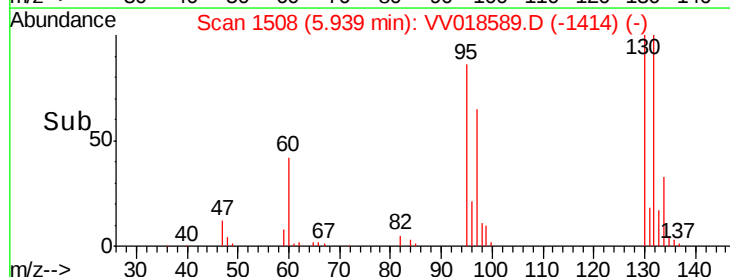
5.85

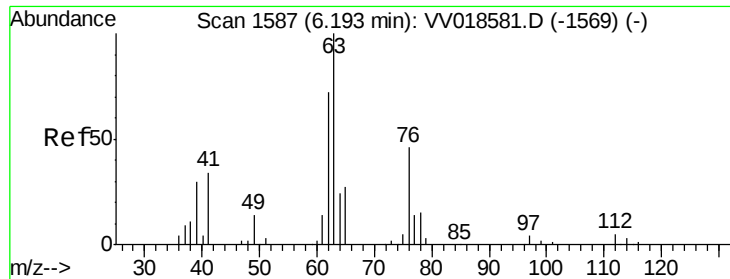
5.90

5.95

6.00

Time-->

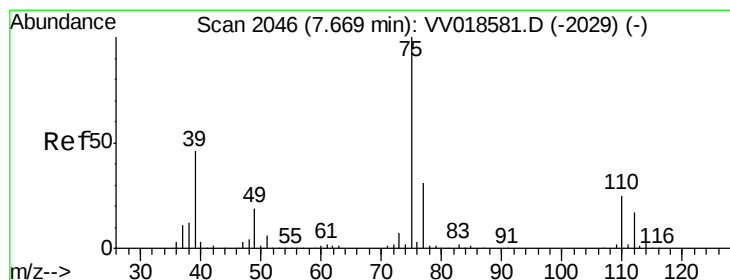
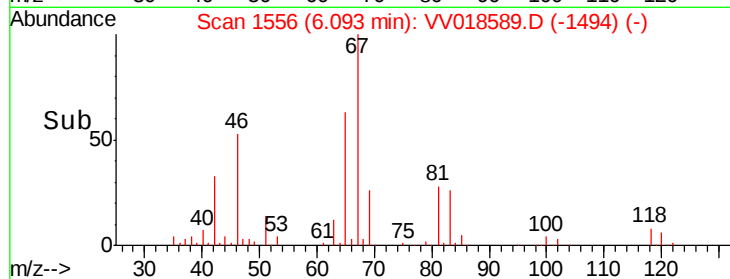
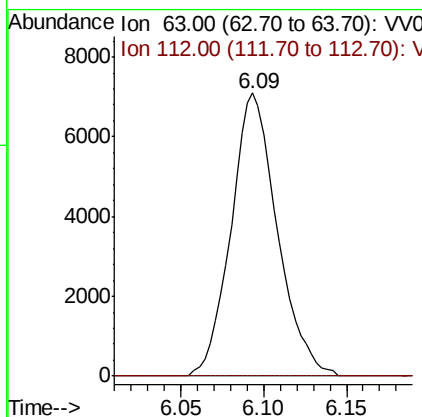
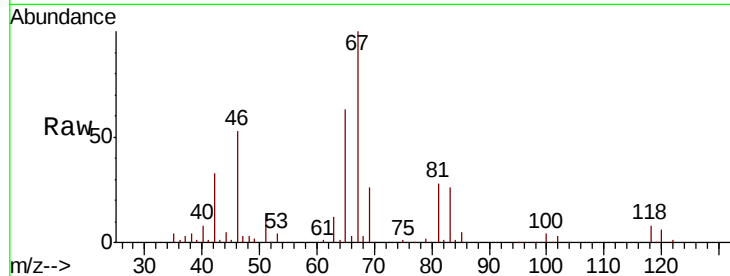




#37
 1,2-Dichloropropane
 Concen: 10.896 ug/L
 RT: 6.09 min Scan# 1556
 Delta R.T. -0.10 min
 Lab File: VV018589.D
 Acq: 01 Oct 2020 14:15

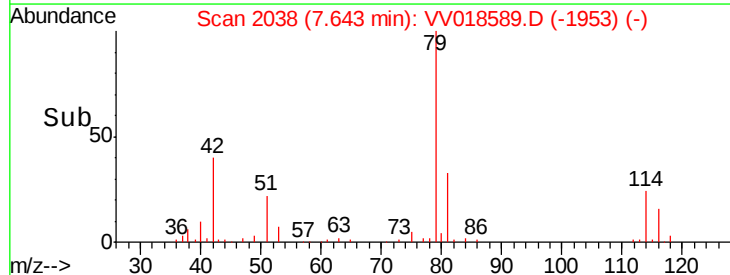
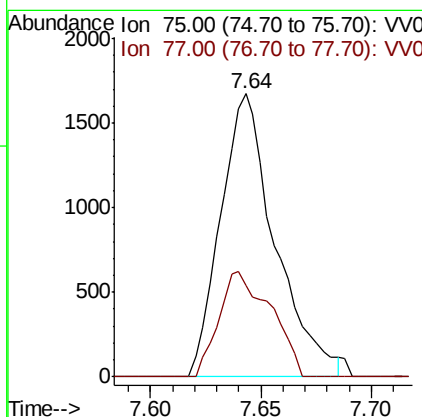
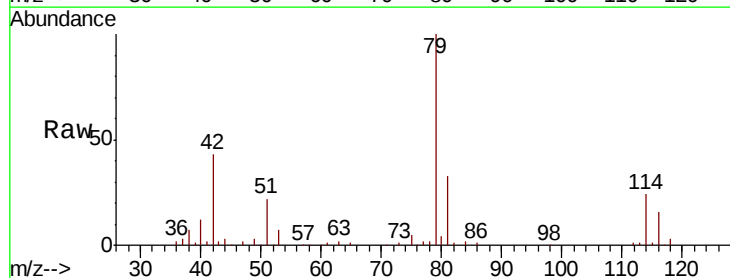
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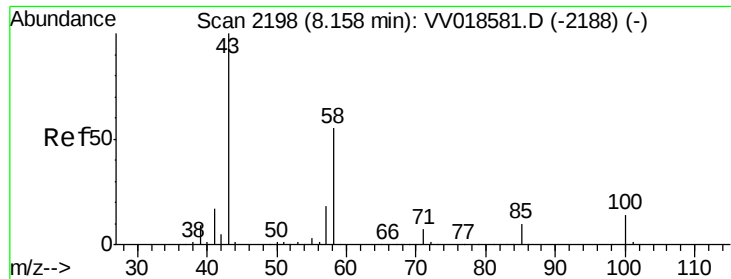
Tot Ion: 63 Resp: 13748
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.9 5.9#



#44
 trans-1,3-Dichloropropene
 Concen: 1.470 ug/L
 RT: 7.64 min Scan# 2038
 Delta R.T. -0.03 min
 Lab File: VV018589.D
 Acq: 01 Oct 2020 14:15

Tgt Ion: 75 Resp: 2859
 Ion Ratio Lower Upper
 75 100
 77 32.3 22.7 42.1

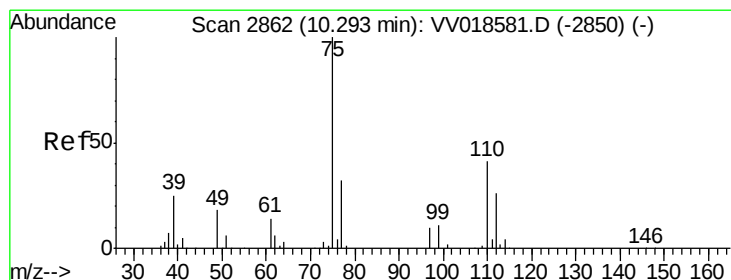
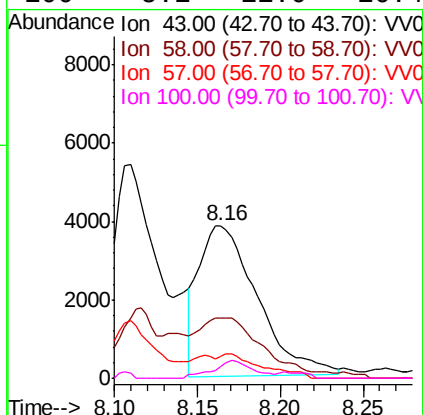
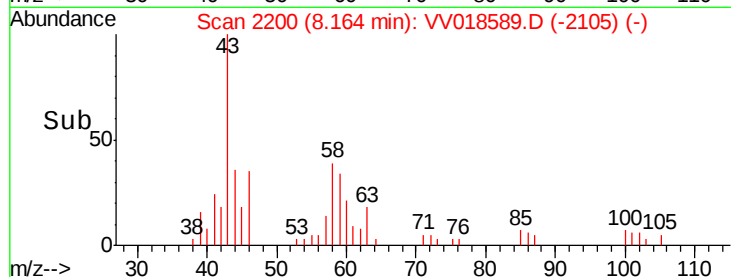
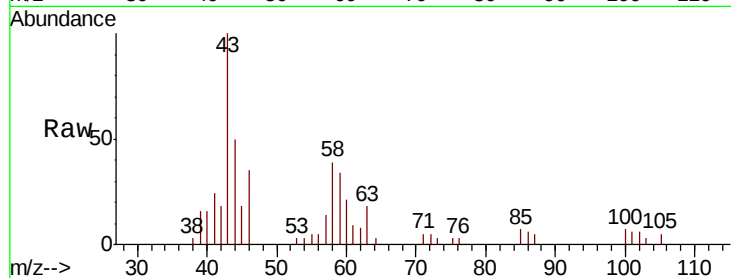




#48
2-Hexanone
Concen: 7.454 ug/L
RT: 8.16 min Scan# 2200
Delta R.T. 0.01 min
Lab File: VV018589.D
Acq: 01 Oct 2020 14:15

Instrument :
MSVOA_V
ClientSampleId :
E0AA8RE

Tot Ion: 43 Resp: 9469
Ion Ratio Lower Upper
43 100
58 34.7 45.1 67.7#
57 11.6 15.7 23.5#
100 5.1 11.0 16.4#



#59
1,2,3-Trichloropropane
Concen: 6.554 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.98 min
Lab File: VV018589.D
Acq: 01 Oct 2020 14:15

Tgt Ion: 75 Resp: 10059
Ion Ratio Lower Upper
75 100
77 35.2 25.4 38.0

