

Data File : VV008952.D
Acq On : 15 Dec 2018 00:16
Operator : SY/MD
Sample : J6387-05
Misc : 5.0 mL/MSVOA_V/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0LA7

Quant Time: Dec 15 01:04:29 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121318WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	203599	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	190619	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	81247	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48622	40.89	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	81.78%
7) Chloroethane-d5	1.56	69	38560	51.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	103.06%
11) 1,1-Dichloroethene-d2	2.13	63	101399	36.11	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	72.22%
21) 2-Butanone-d5	3.93	46	91011	114.64	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	114.64%
24) Chloroform-d	4.41	84	119839	47.24	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	94.48%
26) 1,2-Dichloroethane-d4	5.08	65	80472	49.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	99.60%
32) Benzene-d6	5.10	84	245149	47.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	95.44%
36) 1,2-Dichloropropane-d6	6.12	67	75393	48.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	97.68%
41) Toluene-d8	7.36	98	228567	47.40	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	94.80%
43) trans-1,3-Dichloropropene-	7.67	79	34731	44.36	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	88.72%
47) 2-Hexanone-d5	8.13	63	57338	100.36	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	100.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	93021	46.68	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.36%
64) 1,2-Dichlorobenzene-d4	11.68	152	81521	48.65	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	97.30%

Target Compounds

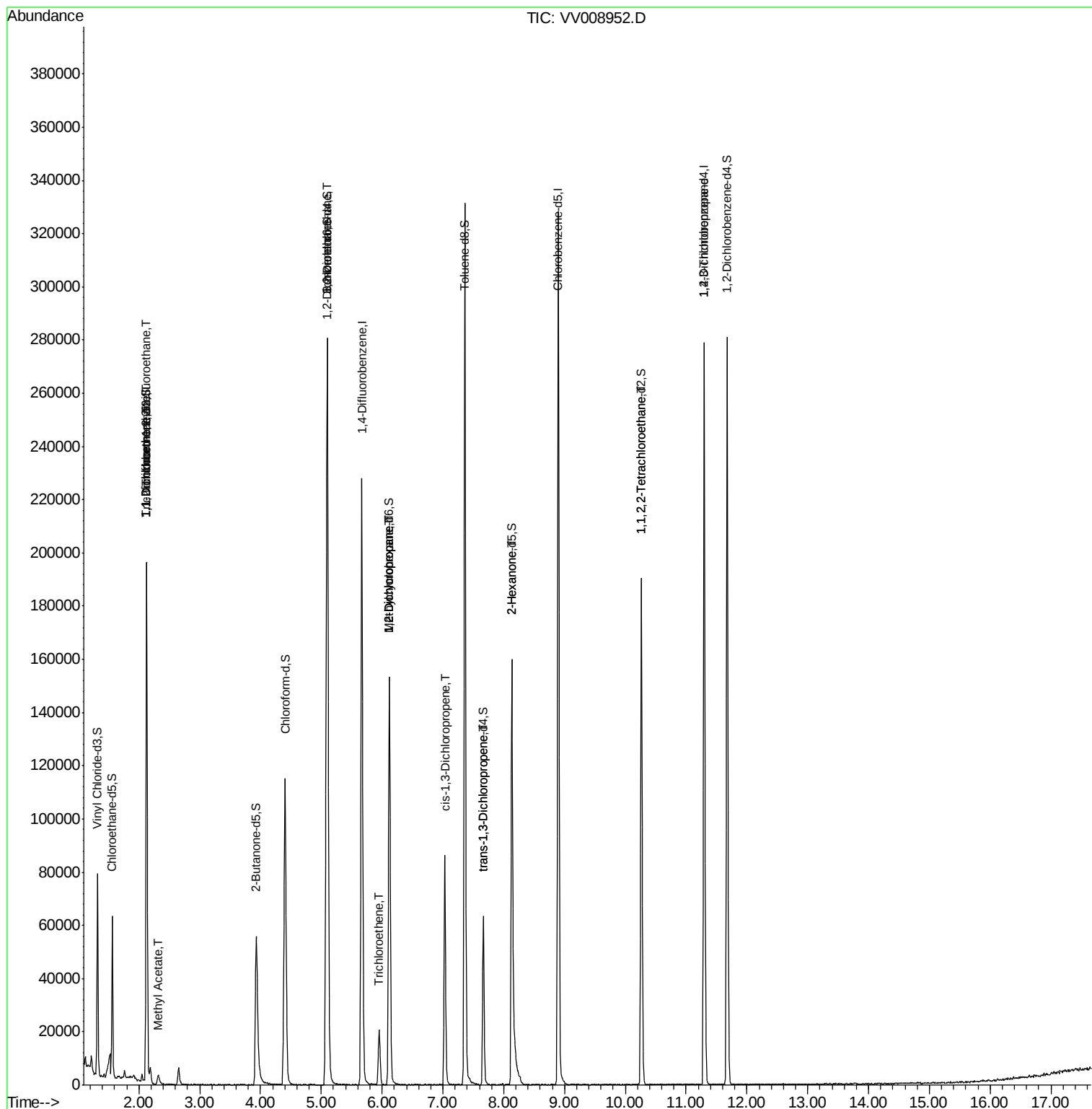
						Qvalue
9) Trichlorofluoromethane	2.13	101	993	0.437	ug/L #	42
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	993	0.715	ug/L #	18
12) 1,1-Dichloroethene	2.13	96	960	0.759	ug/L #	1
15) Methyl Acetate	2.32	43	866	0.670	ug/L #	49
27) 1,2-Dichloroethane	5.10	62	1369	0.700	ug/L #	74
34) Trichloroethene	5.96	95	2609	1.720	ug/L	83
35) Methylcyclohexane	6.12	83	18838	8.375	ug/L #	20
37) 1,2-Dichloropropane	6.12	63	8540	6.287	ug/L #	86
39) cis-1,3-Dichloropropene	7.03	75	2234	1.031	ug/L #	60
44) trans-1,3-Dichloropropene	7.67	75	1800	0.891	ug/L	95
48) 2-Hexanone	8.14	43	6876	5.261	ug/L #	72
58) 1,1,2,2-Tetrachloroethane	10.27	83	685	0.339	ug/L #	1
59) 1,2,3-Trichloropropane	11.30	75	7703	4.503	ug/L #	83

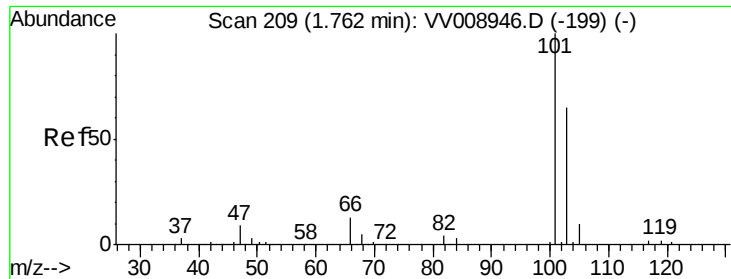
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Sat Dec 15 01:01:00 2018
Response via : Initial Calibration





#9

Trichlorofluoromethane

Concen: 0.437 ug/L

RT: 2.13 min Scan# 323

Delta R.T. 0.37 min

Lab File: VV008952.D

Acq: 15 Dec 2018 00:16

Instrument :

MSVOA_V

ClientSampleId :

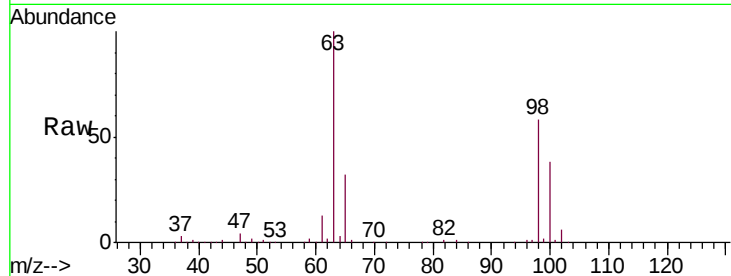
C0LA7

Tgt Ion:101 Resp: 993

Ion Ratio Lower Upper

101 100

103 18.9 51.5 77.3#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 103.00 (102.70 to 103.70): V

2.13

800

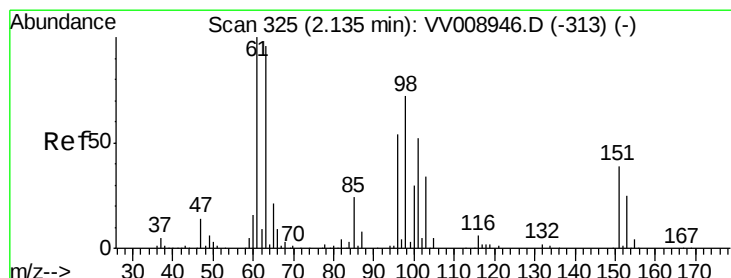
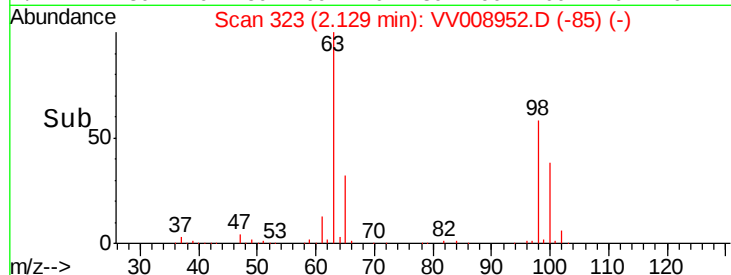
600

400

200

0

Time-->



#10

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

Concen: 0.715 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV008952.D

Acq: 15 Dec 2018 00:16

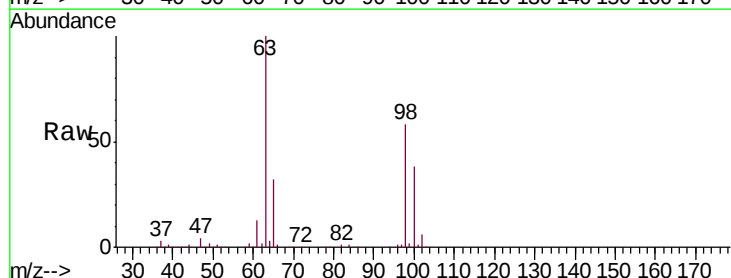
Tgt Ion:101 Resp: 993

Ion Ratio Lower Upper

101 100

85 0.0 34.6 52.0#

151 0.0 63.8 95.8#



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

1000

800

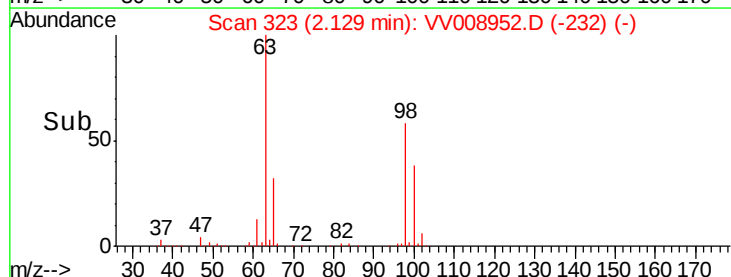
600

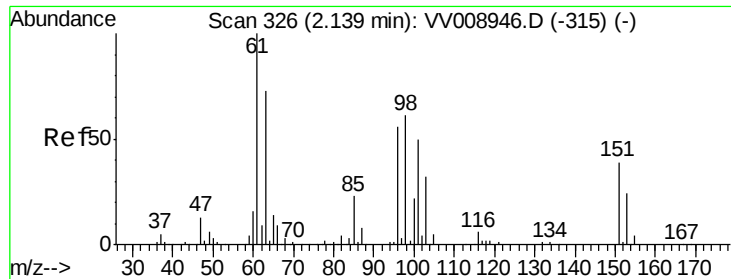
400

200

0

Time-->

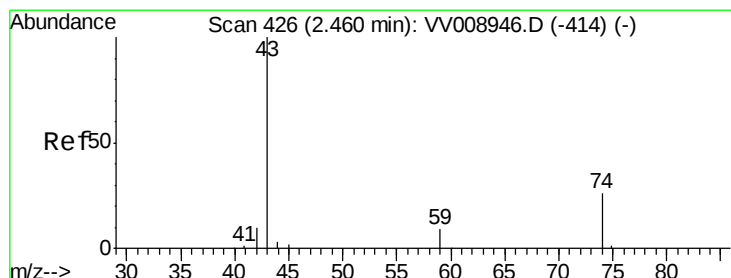
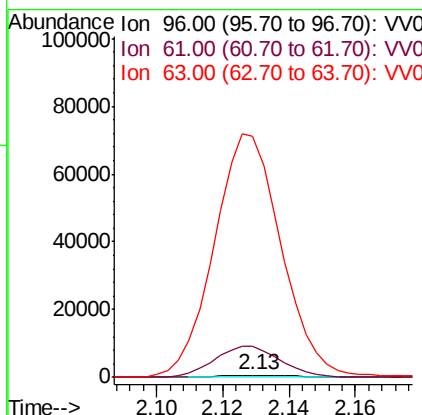
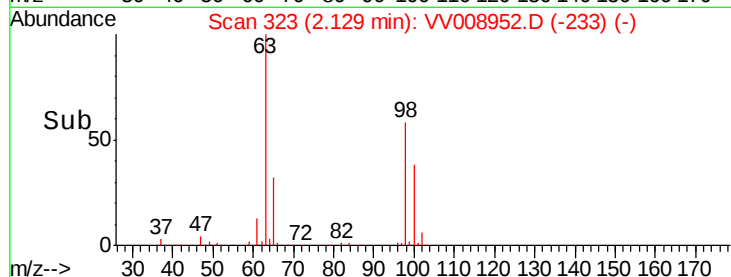
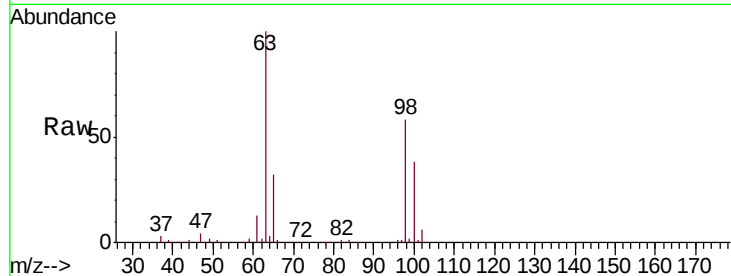




#12
 1,1-Dichloroethene
 Concen: 0.759 ug/L
 RT: 2.13 min Scan# 323
 Delta R.T. -0.01 min
 Lab File: VV008952.D
 Acq: 15 Dec 2018 00:16

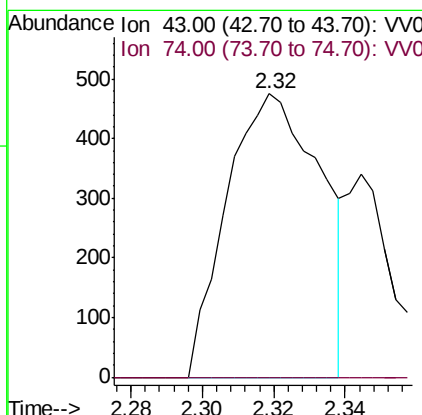
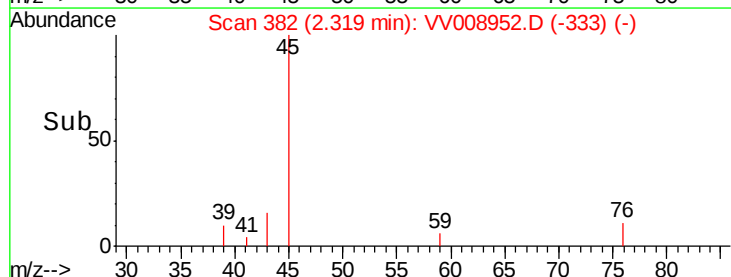
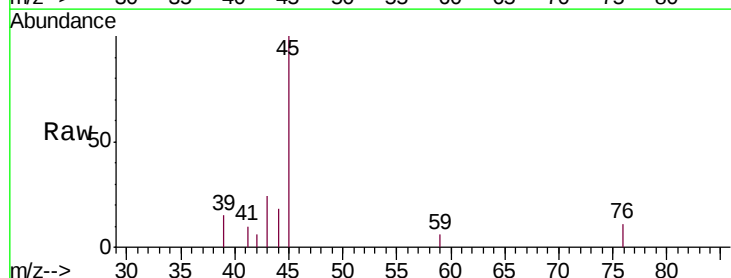
Instrument :
 MSVOA_V
 ClientSampleId :
 C0LA7

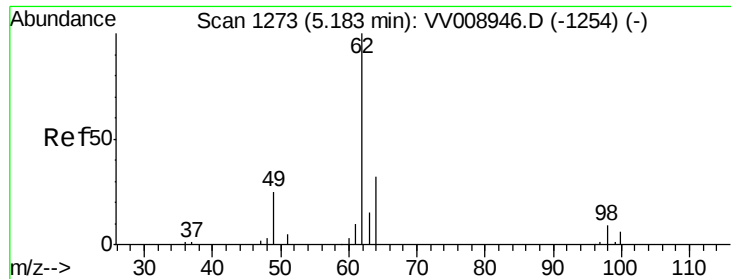
Tgt Ion: 96 Resp: 960
 Ion Ratio Lower Upper
 96 100
 61 1395.8 119.1 221.3#
 63 10988.0 96.0 178.2#



#15
 Methyl Acetate
 Concen: 0.670 ug/L
 RT: 2.32 min Scan# 382
 Delta R.T. -0.14 min
 Lab File: VV008952.D
 Acq: 15 Dec 2018 00:16

Tgt Ion: 43 Resp: 866
 Ion Ratio Lower Upper
 43 100
 74 0.0 21.0 31.6#

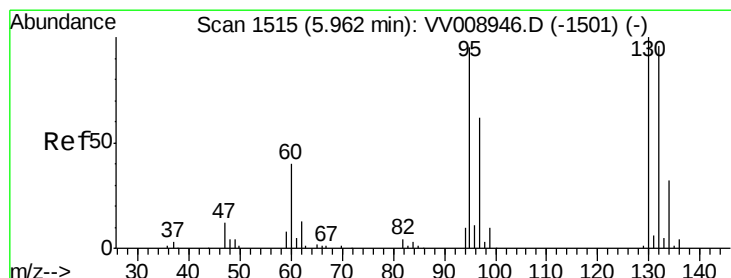
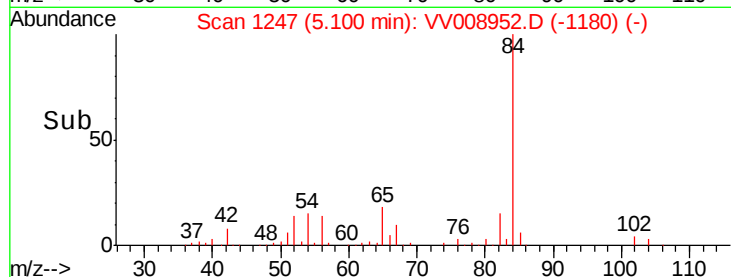
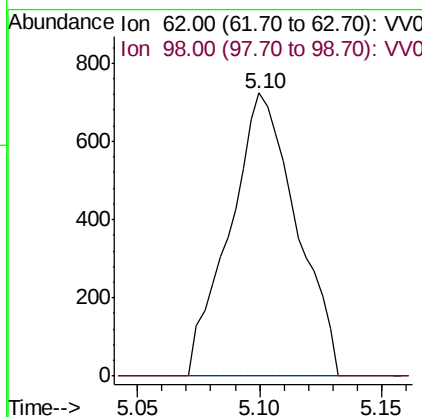
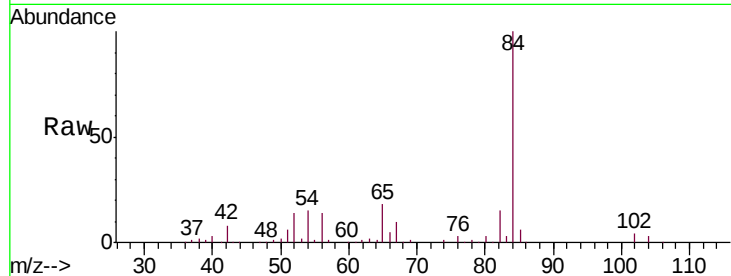




#27
 1,2-Dichloroethane
 Concen: 0.700 ug/L
 RT: 5.10 min Scan# 1247
 Delta R.T. -0.08 min
 Lab File: VV008952.D
 Acq: 15 Dec 2018 00:16

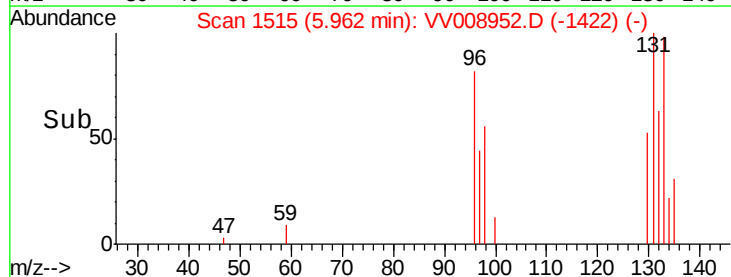
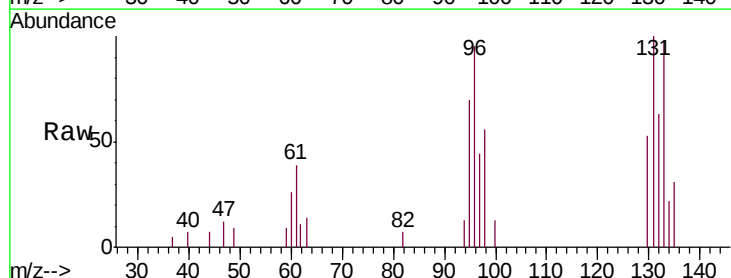
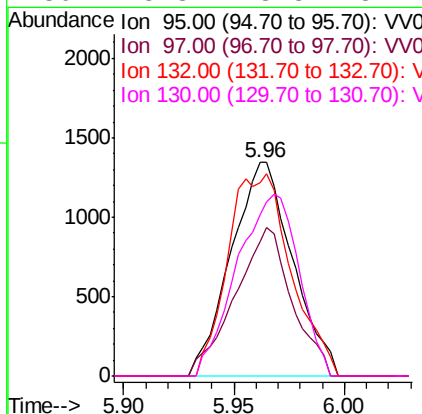
Instrument :
 MSVOA_V
 ClientSampleId :
 C0LA7

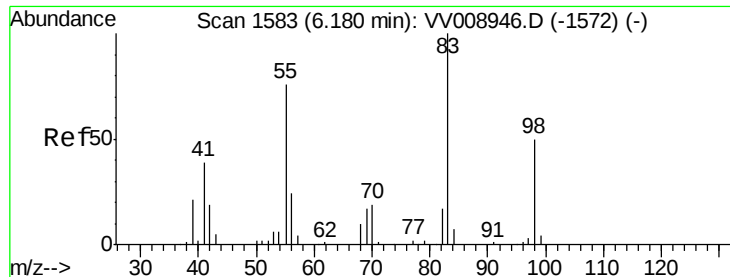
Tgt Ion: 62 Resp: 1369
 Ion Ratio Lower Upper
 62 100
 98 0.0 7.5 11.3#



#34
 Trichloroethene
 Concen: 1.720 ug/L
 RT: 5.96 min Scan# 1515
 Delta R.T. 0.00 min
 Lab File: VV008952.D
 Acq: 15 Dec 2018 00:16

Tgt Ion: 95 Resp: 2609
 Ion Ratio Lower Upper
 95 100
 97 63.0 45.7 84.9
 132 90.8 72.2 134.2
 130 75.3 73.8 137.2

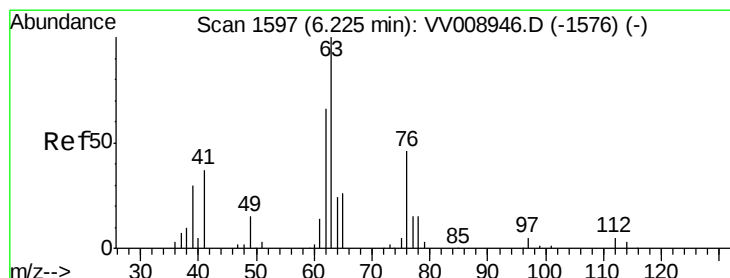
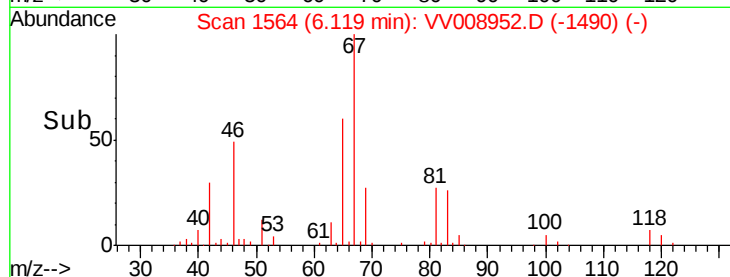
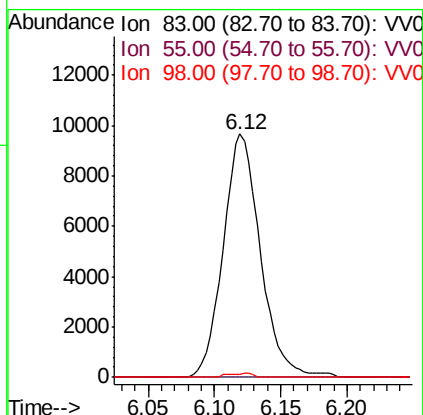
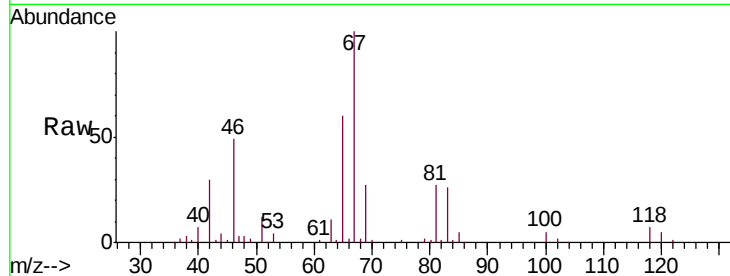




#35
Methylcyclohexane
Concen: 8.375 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.06 min
Lab File: VV008952.D
Acq: 15 Dec 2018 00:16

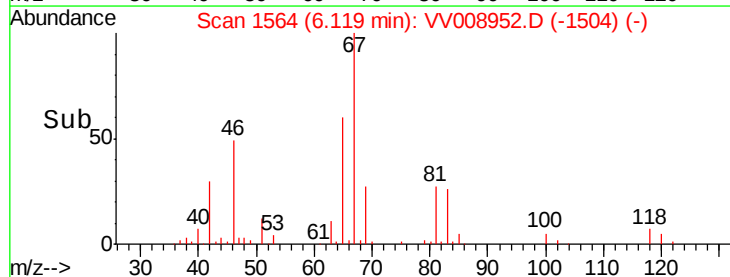
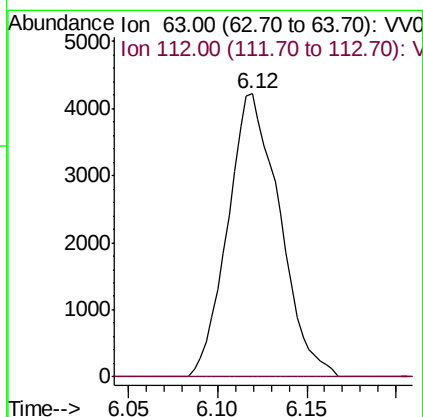
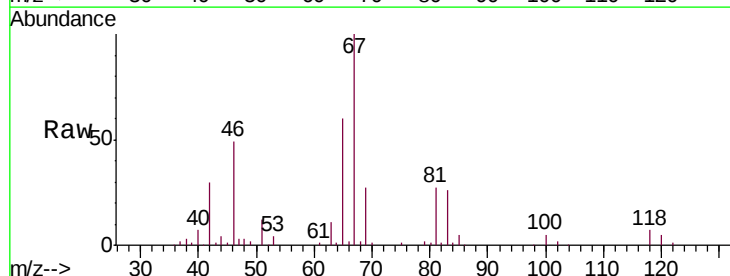
Instrument :
MSVOA_V
ClientSampleId :
COLA7

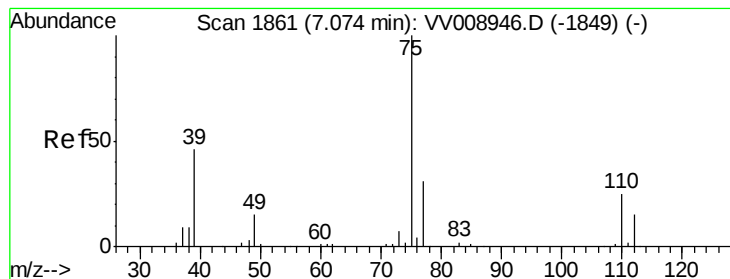
Tgt Ion: 83 Resp: 18838
Ion Ratio Lower Upper
83 100
55 0.0 57.8 86.8#
98 0.7 39.0 58.4#



#37
1,2-Dichloropropane
Concen: 6.287 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.11 min
Lab File: VV008952.D
Acq: 15 Dec 2018 00:16

Tgt Ion: 63 Resp: 8540
Ion Ratio Lower Upper
63 100
112 0.0 3.8 5.6#



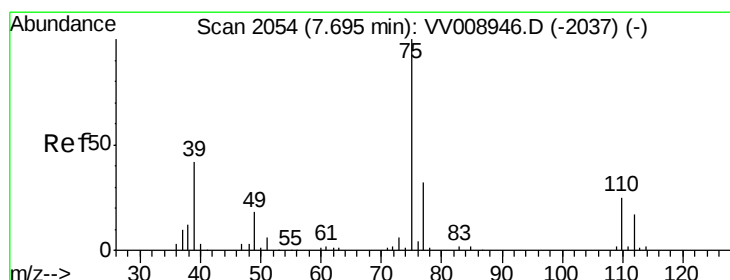
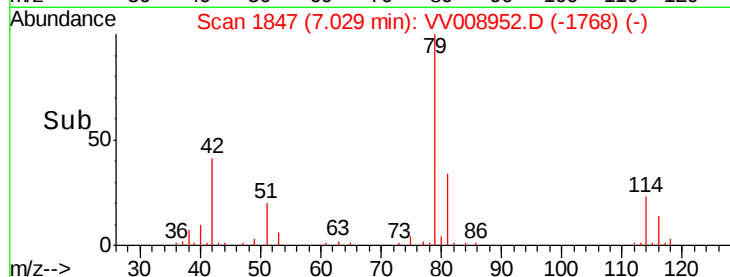
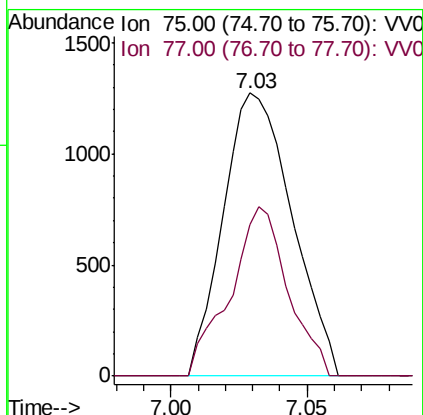
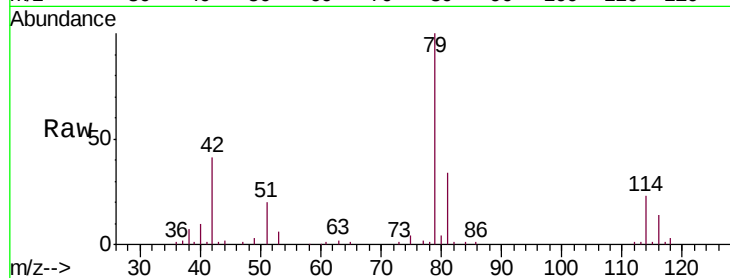


#39

cis-1,3-Dichloropropene
Concen: 1.031 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV008952.D
Acq: 15 Dec 2018 00:16

Instrument :
MSVOA_V
ClientSampled :
COLA7

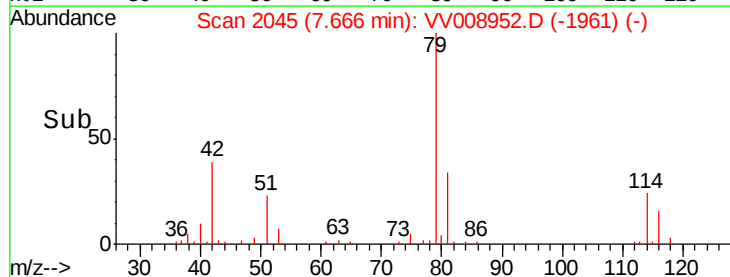
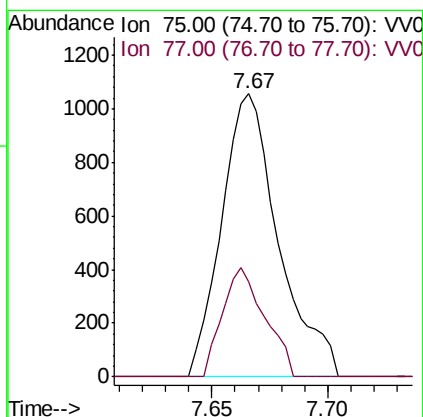
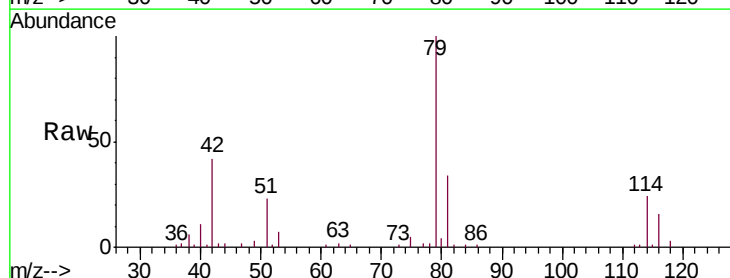
Tgt Ion: 75 Resp: 2234
Ion Ratio Lower Upper
75 100
77 53.3 21.8 40.4#

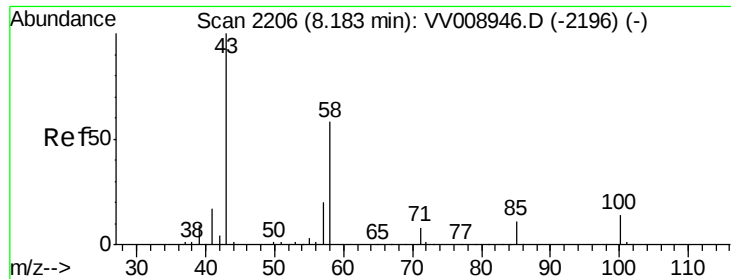


#44

trans-1,3-Dichloropropene
Concen: 0.891 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.03 min
Lab File: VV008952.D
Acq: 15 Dec 2018 00:16

Tgt Ion: 75 Resp: 1800
Ion Ratio Lower Upper
75 100
77 33.6 21.6 40.2

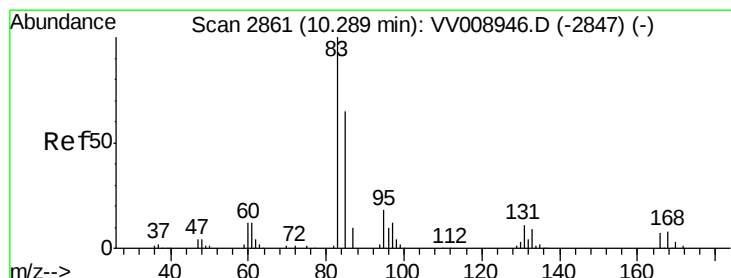
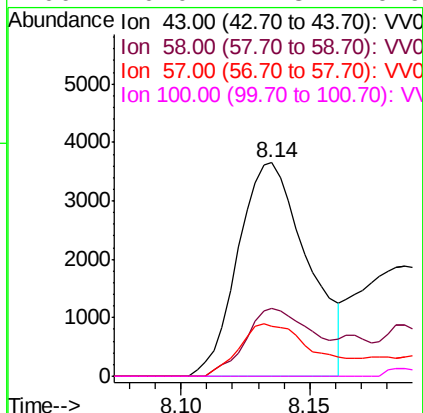
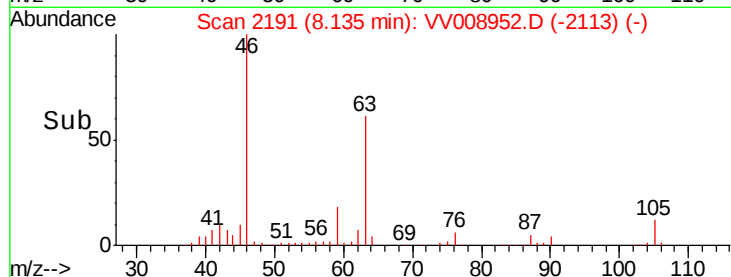
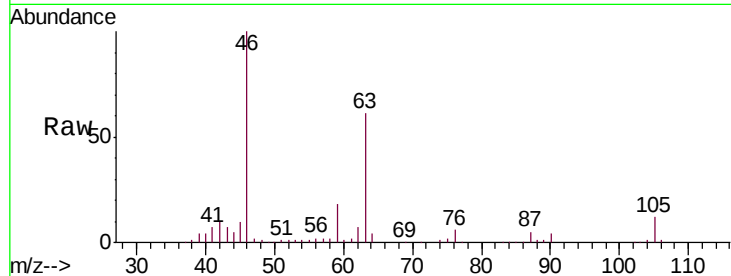




#48
2-Hexanone
Concen: 5.261 ug/L
RT: 8.14 min Scan# 2191
Delta R.T. -0.05 min
Lab File: VV008952.D
Acq: 15 Dec 2018 00:16

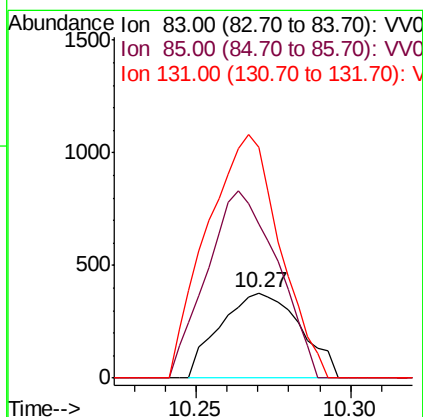
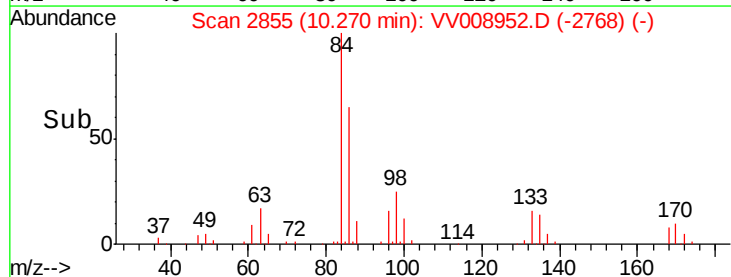
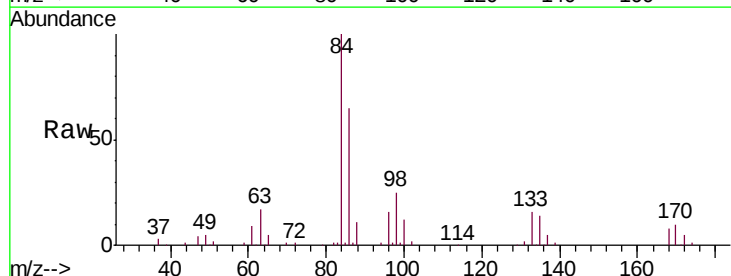
Instrument :
MSVOA_V
ClientSampleId :
COLA7

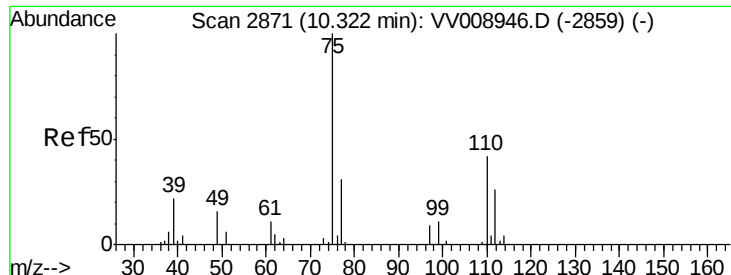
Tgt Ion: 43 Resp: 6876
Ion Ratio Lower Upper
43 100
58 30.5 42.7 64.1#
57 25.4 15.7 23.5#
100 0.0 11.3 16.9#



#58
1,1,2,2-Tetrachloroethane
Concen: 0.339 ug/L
RT: 10.27 min Scan# 2855
Delta R.T. -0.02 min
Lab File: VV008952.D
Acq: 15 Dec 2018 00:16

Tgt Ion: 83 Resp: 685
Ion Ratio Lower Upper
83 100
85 181.4 45.3 84.1#
131 271.4 9.2 13.8#





#59
 1,2,3-Trichloropropane
 Concen: 4.503 ug/L
 RT: 11.30 min Scan# 3175
 Delta R.T. 0.98 min
 Lab File: VV008952.D
 Acq: 15 Dec 2018 00:16

Instrument :
 MSVOA_V
 ClientSampleId :
 C0LA7

Tgt Ion: 75 Resp: 7703
 Ion Ratio Lower Upper
 75 100
 77 42.0 25.8 38.8#

