

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV012120\
 Data File : VV014365.D
 Acq On : 21 Jan 2020 11:00
 Operator : SY/MD
 Sample : L1194-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AC3

Quant Time: Jan 21 15:50:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 21 15:31:21 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	767622	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	688898	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	319778	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	234984	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.59	69	198273	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.60%
11) 1,1-Dichloroethene-d2	2.13	63	276062	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.94	46	647700	50.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.40%
24) Chloroform-d	4.39	84	505596	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
26) 1,2-Dichloroethane-d4	5.08	65	241771	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.09	84	1011157	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.11	67	325011	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.35	98	848159	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	123772	4.39	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	87.80%
46) 2-Hexanone-d5	8.13	63	591599	49.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.12%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	216295	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	291184	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

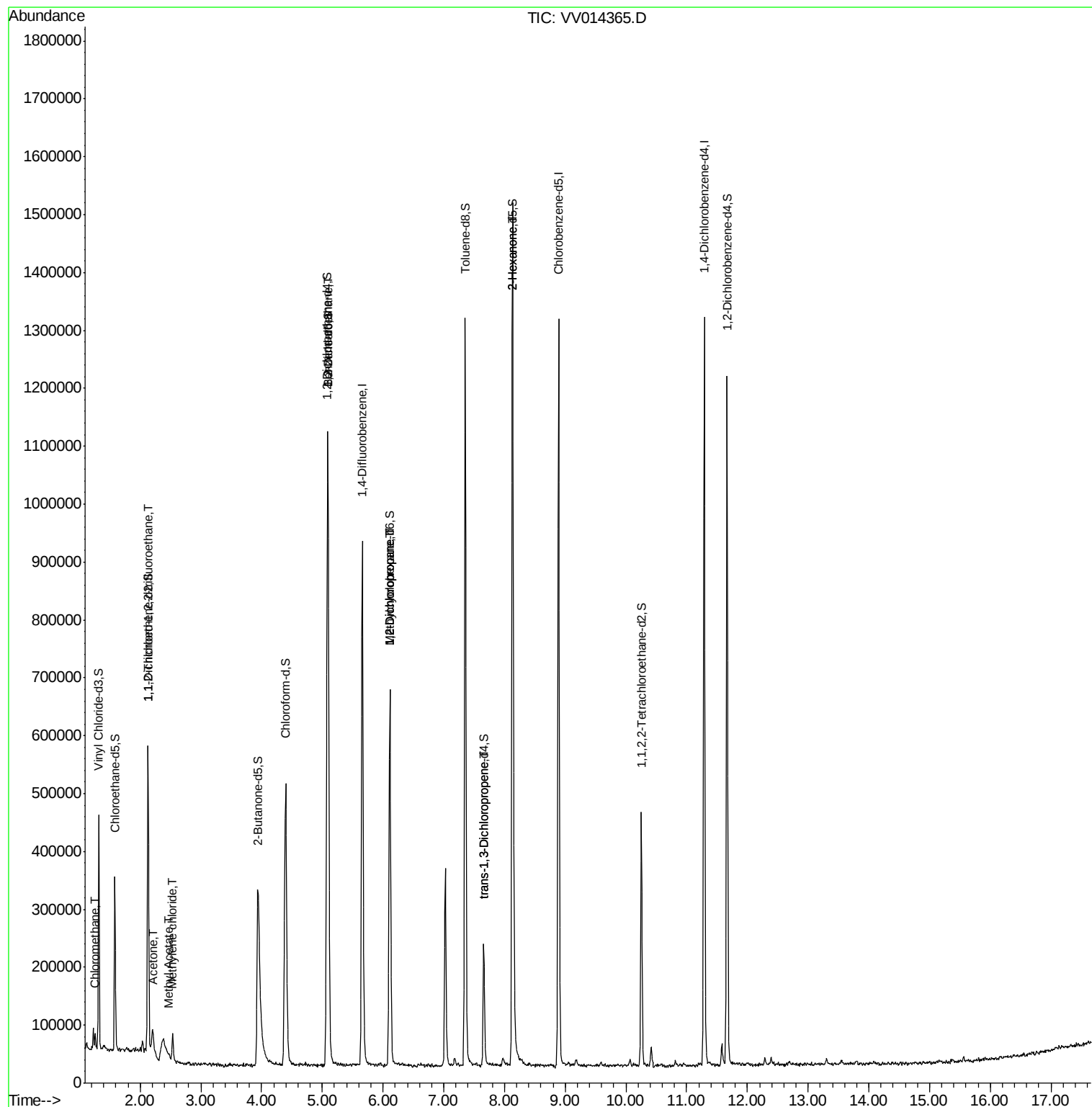
						Qvalue
3) Chloromethane	1.25	50	16986	0.30	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3364	0.10	ug/L #	21
13) Acetone	2.21	43	59562	6.70	ug/L	99
15) Methyl Acetate	2.47	43	5633	0.27	ug/L #	82
16) Methylene chloride	2.53	84	21399	0.38	ug/L	97
27) 1,2-Dichloroethane	5.09	62	5340	0.09	ug/L	97
35) Methylcyclohexane	6.11	83	75913	0.85	ug/L #	19
37) 1,2-Dichloropropane	6.11	63	33816	0.63	ug/L #	90
44) trans-1,3-Dichloropropene	7.66	75	5119	0.08	ug/L #	74
48) 2-Hexanone	8.13	43	69185	2.96	ug/L #	67

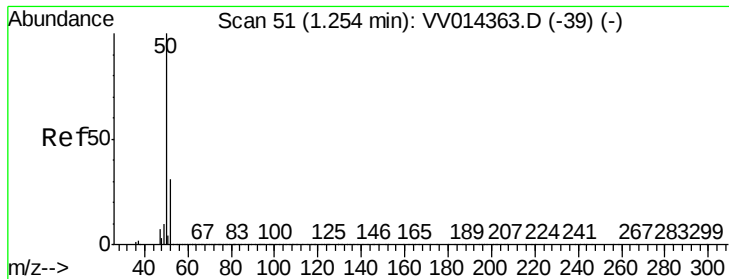
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#3

Chloromethane

Concen: 0.30 ug/L

RT: 1.25 min Scan# 51

Delta R.T. 0.00 min

Lab File: VV014365.D

Acq: 21 Jan 2020 11:00

Instrument :

MSVOA_V

ClientSampleId :

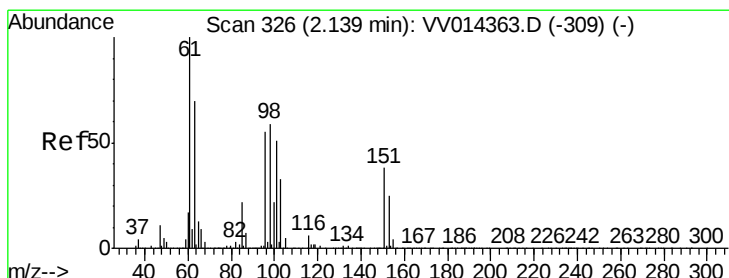
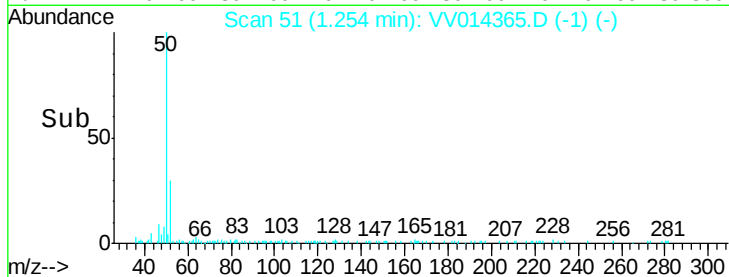
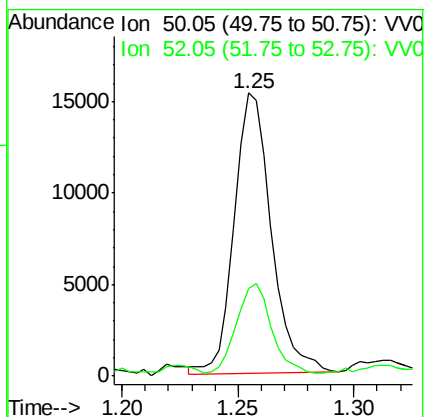
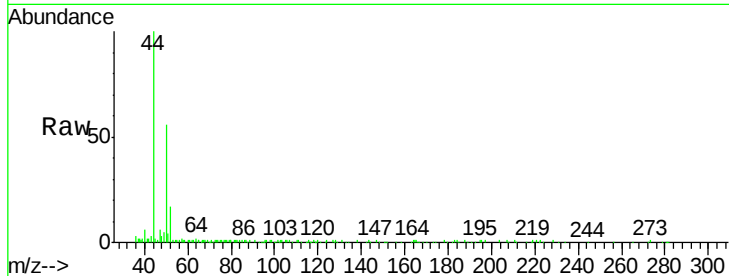
C0AC3

Tgt Ion: 50 Resp: 16986

Ion Ratio Lower Upper

50 100

52 31.0 22.3 41.3



#10

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

Concen: 0.10 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV014365.D

Acq: 21 Jan 2020 11:00

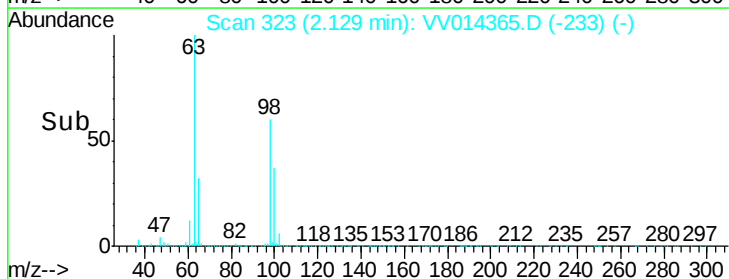
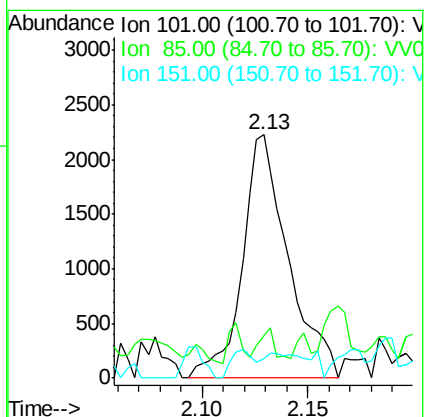
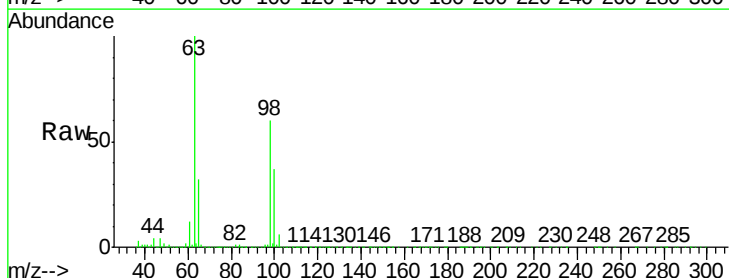
Tgt Ion: 101 Resp: 3364

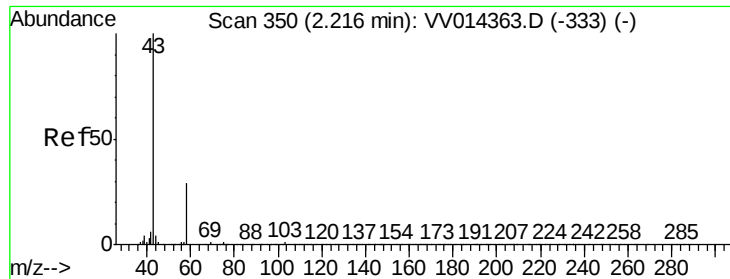
Ion Ratio Lower Upper

101 100

85 4.9 34.9 52.3#

151 0.0 62.5 93.7#





#13

Acetone

Concen: 6.70 ug/L

RT: 2.21 min Scan# 347

Delta R.T. -0.01 min

Lab File: VV014365.D

Acq: 21 Jan 2020 11:00

Instrument :

MSVOA_V

ClientSampleId :

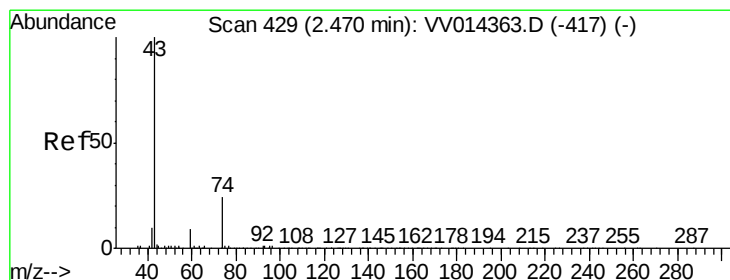
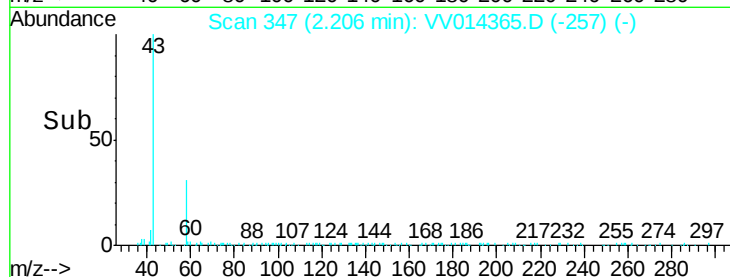
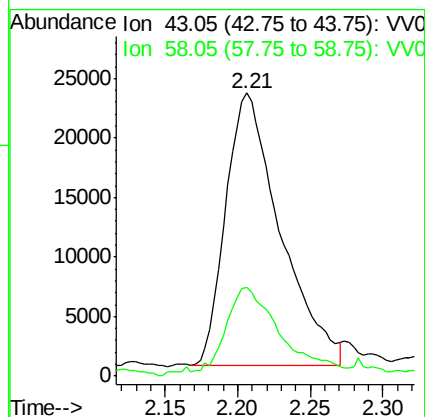
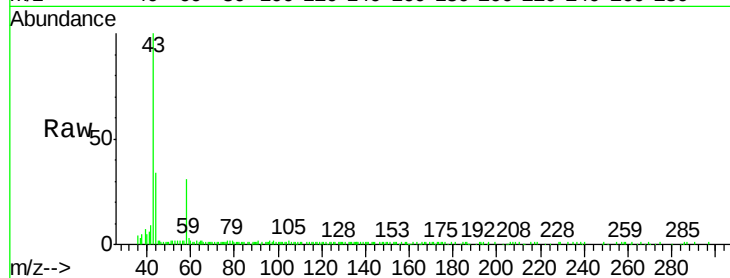
C0AC3

Tgt Ion: 43 Resp: 59562

Ion Ratio Lower Upper

43 100

58 33.5 0.0 66.0



#15

Methyl Acetate

Concen: 0.27 ug/L

RT: 2.47 min Scan# 428

Delta R.T. -0.00 min

Lab File: VV014365.D

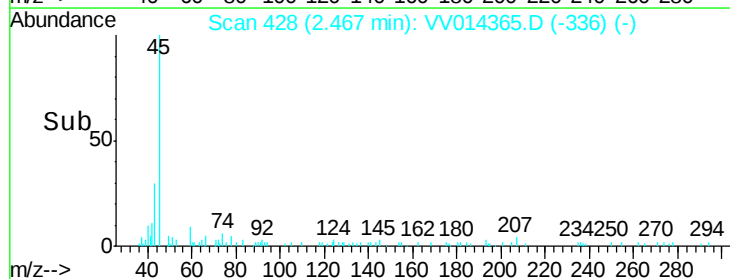
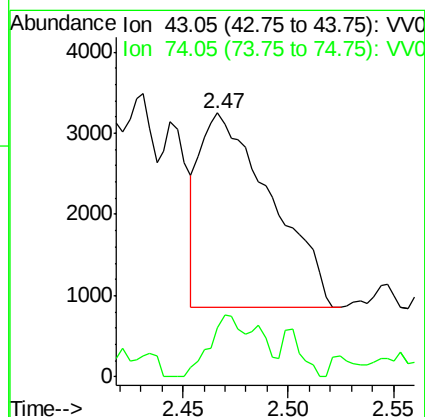
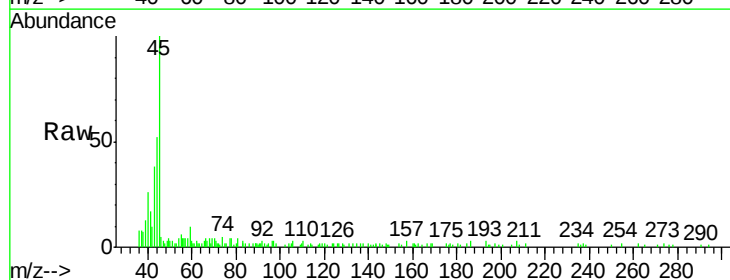
Acq: 21 Jan 2020 11:00

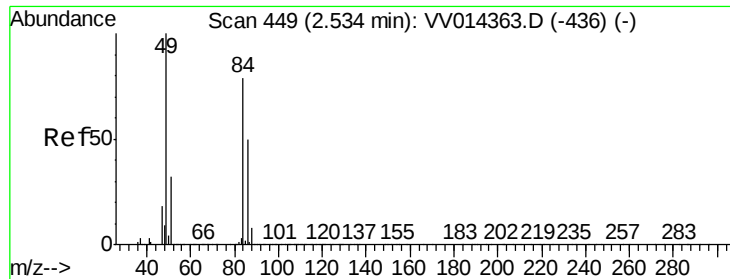
Tgt Ion: 43 Resp: 5633

Ion Ratio Lower Upper

43 100

74 14.4 18.6 28.0#

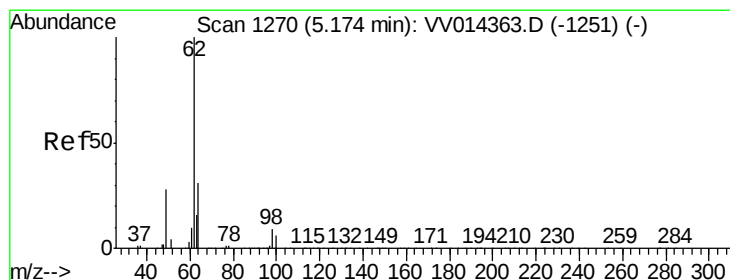
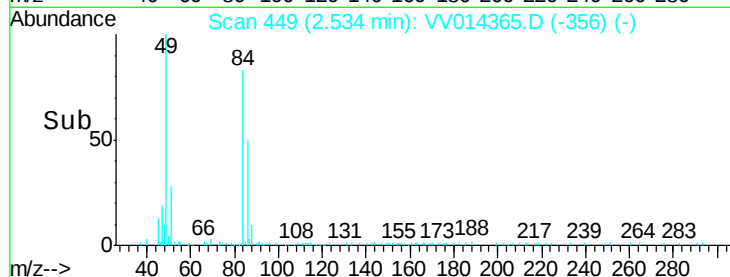
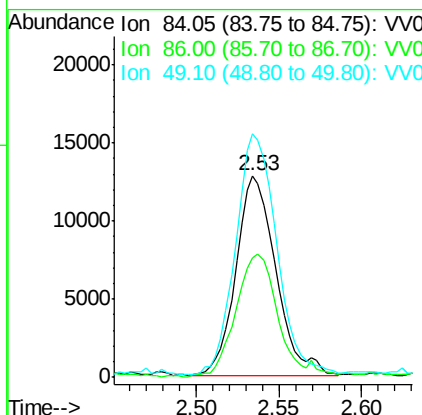
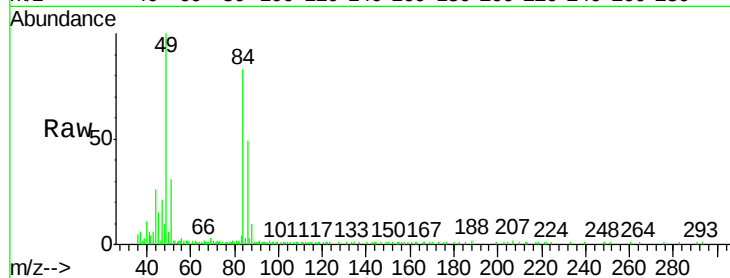




#16
Methylene chloride
Concen: 0.38 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014365.D
Acq: 21 Jan 2020 11:00

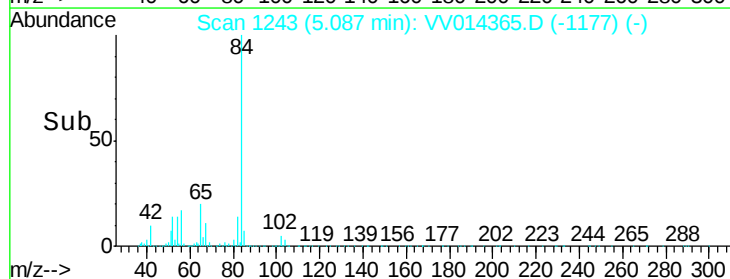
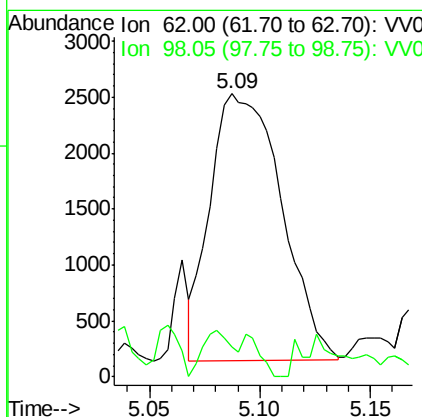
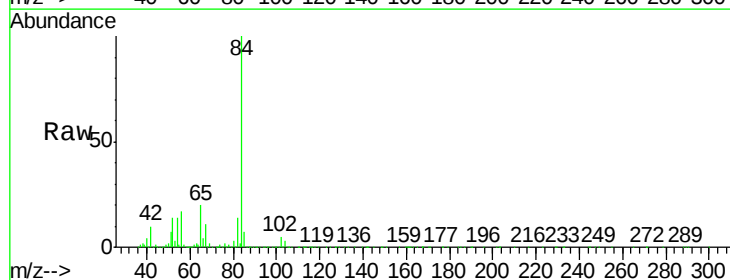
Instrument :
MSVOA_V
ClientSampleId :
C0AC3

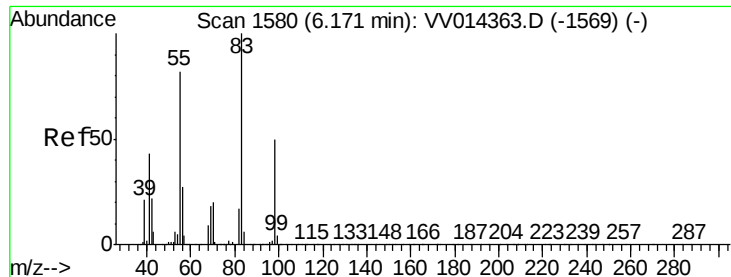
Tgt Ion: 84 Resp: 21399
Ion Ratio Lower Upper
84 100
86 59.3 43.1 80.1
49 120.7 82.1 152.5



#27
1,2-Dichloroethane
Concen: 0.09 ug/L
RT: 5.09 min Scan# 1243
Delta R.T. -0.09 min
Lab File: VV014365.D
Acq: 21 Jan 2020 11:00

Tgt Ion: 62 Resp: 5340
Ion Ratio Lower Upper
62 100
98 10.4 9.2 13.8





#35

Methylcyclohexane

Concen: 0.85 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV014365.D

Acq: 21 Jan 2020 11:00

Instrument :

MSVOA_V

ClientSampleId :

C0AC3

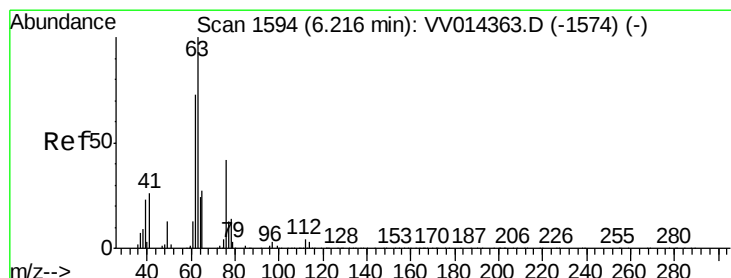
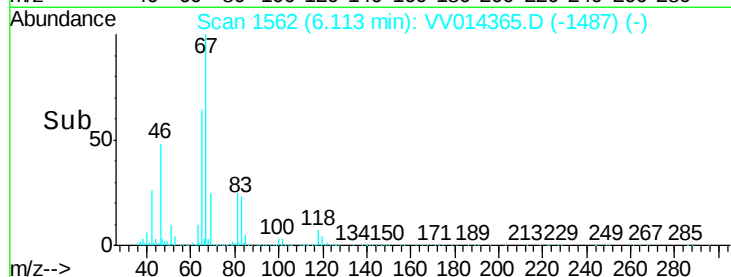
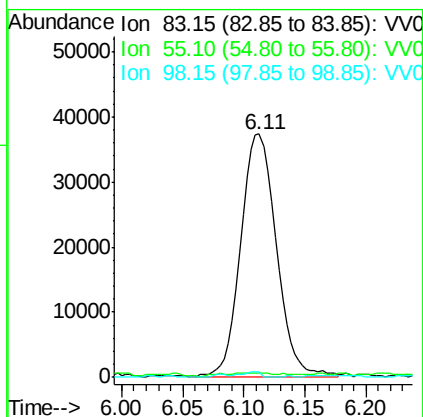
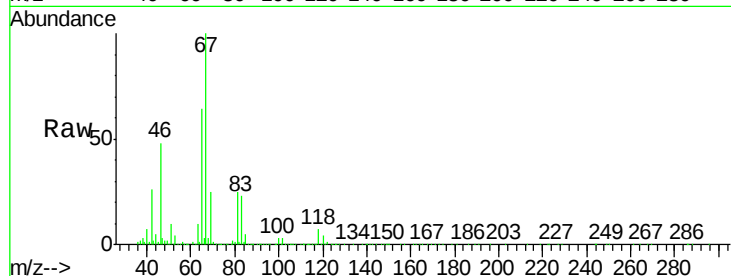
Tgt Ion: 83 Resp: 75913

Ion Ratio Lower Upper

83 100

55 1.3 61.7 92.5#

98 1.2 38.1 57.1#



#37

1,2-Dichloropropane

Concen: 0.63 ug/L

RT: 6.11 min Scan# 1561

Delta R.T. -0.11 min

Lab File: VV014365.D

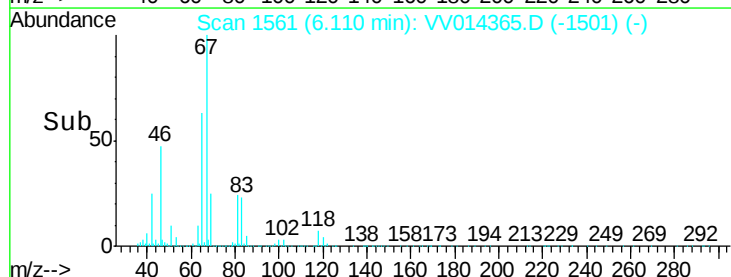
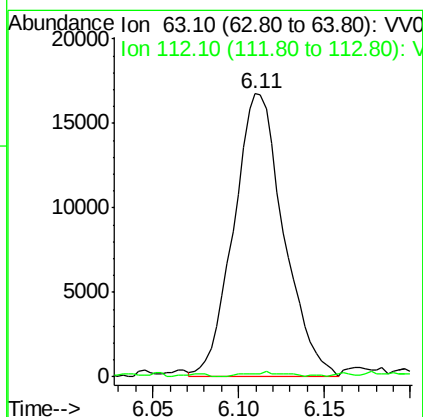
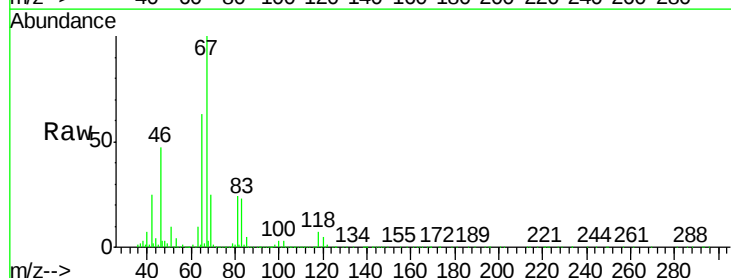
Acq: 21 Jan 2020 11:00

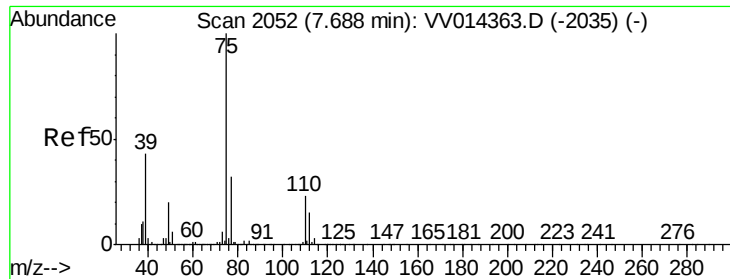
Tgt Ion: 63 Resp: 33816

Ion Ratio Lower Upper

63 100

112 1.3 3.7 5.5#





#44

trans-1,3-Dichloropropene

Concen: 0.08 ug/L

RT: 7.66 min Scan# 2044

Delta R.T. -0.03 min

Lab File: VV014365.D

Acq: 21 Jan 2020 11:00

Instrument :

MSVOA_V

ClientSampleId :

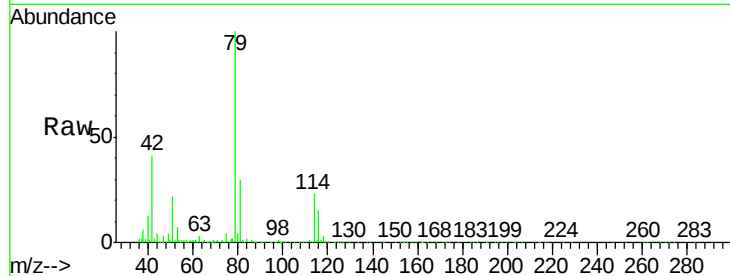
C0AC3

Tgt Ion: 75 Resp: 5119

Ion Ratio Lower Upper

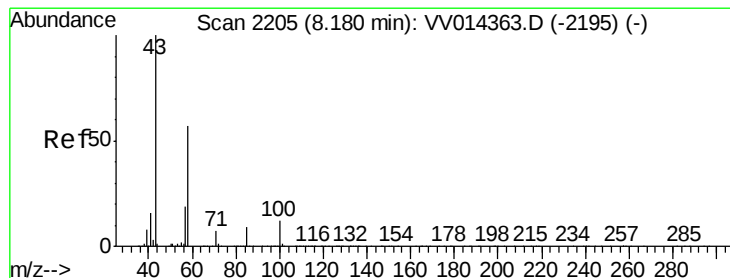
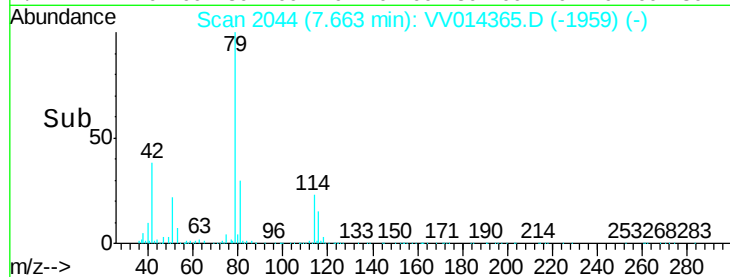
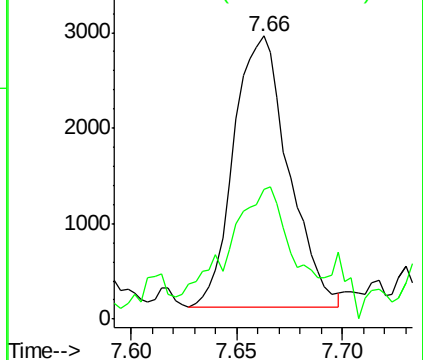
75 100

77 45.6 22.0 41.0#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0



#48

2-Hexanone

Concen: 2.96 ug/L

RT: 8.13 min Scan# 2190

Delta R.T. -0.05 min

Lab File: VV014365.D

Acq: 21 Jan 2020 11:00

Tgt Ion: 43 Resp: 69185

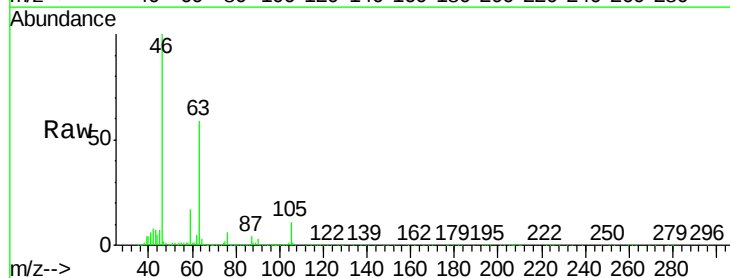
Ion Ratio Lower Upper

43 100

58 23.9 45.4 68.0#

57 20.3 15.8 23.8

100 0.6 10.2 15.4#



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

