

Data File : VV014129.D
Acq On : 19 Dec 2019 15:00
Operator : SY/MD
Sample : K6286-01
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFDX7

Quant Time: Dec 20 07:15:25 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Dec 20 07:12:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	367834	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	346670	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	149512	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	94986	4.17	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.40%
7) Chloroethane-d5	1.58	69	97211	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.60%
11) 1,1-Dichloroethene-d2	2.13	63	123697	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.95	46	253990	53.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.34%
24) Chloroform-d	4.39	84	219874	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.80%
26) 1,2-Dichloroethane-d4	5.07	65	108344	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.09	84	373534	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.11	67	127622	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.35	98	264593	3.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	63.00%#
43) trans-1,3-Dichloropropene-	7.66	79	40122	3.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.40%
46) 2-Hexanone-d5	8.13	63	157908	41.26	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.52%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	95302	5.16	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	126984	4.81	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.20%

Target Compounds

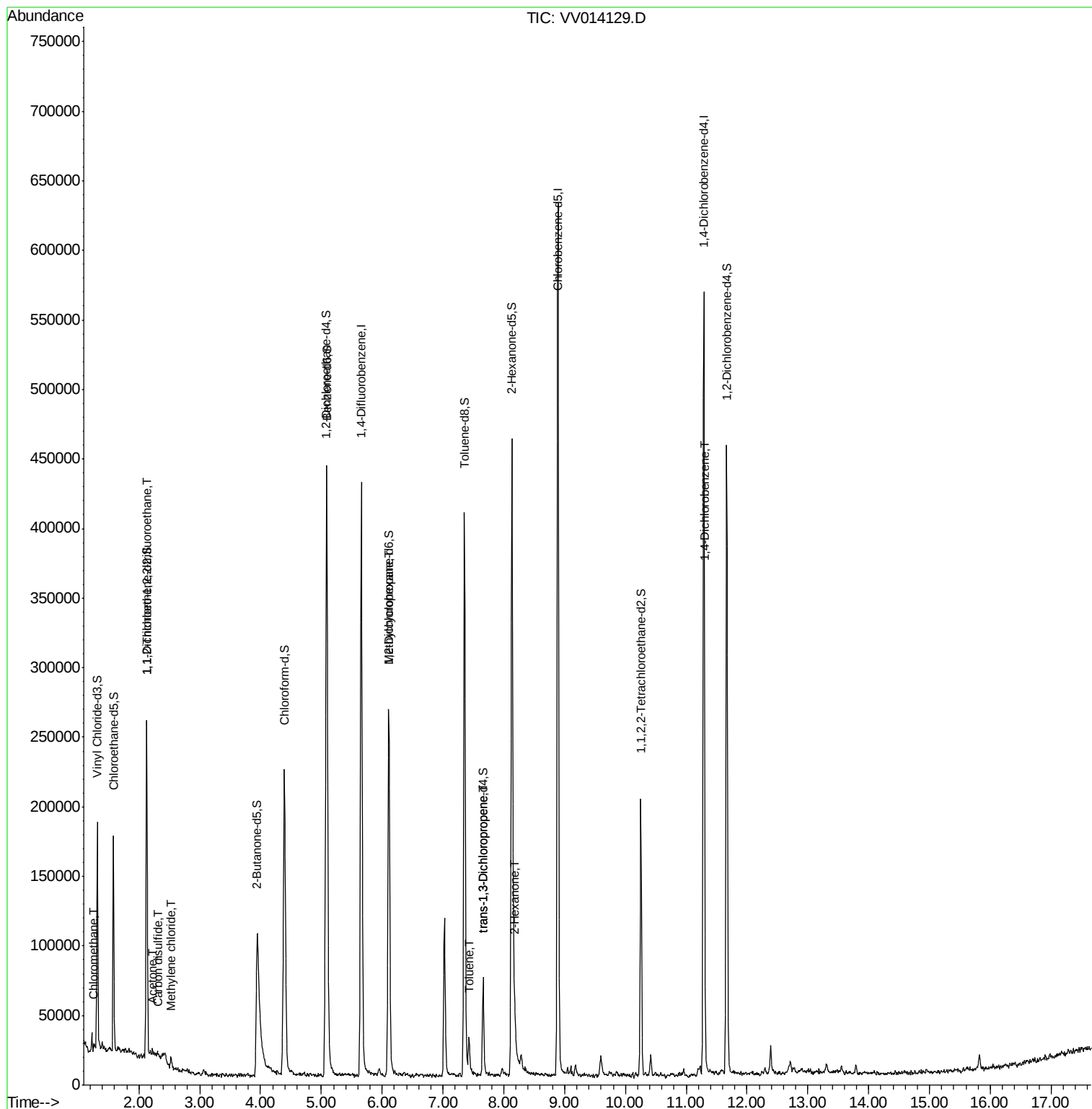
						Qvalue
3) Chloromethane	1.25	50	2702	0.126	ug/L	88
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1703	0.084	ug/L #	38
13) Acetone	2.22	43	9672	2.922	ug/L	89
14) Carbon disulfide	2.32	76	2701	0.066	ug/L #	43
16) Methylene chloride	2.53	84	3655	0.151	ug/L	93
35) Methylcyclohexane	6.11	83	30157	0.963	ug/L #	20
42) Toluene	7.43	91	18861	0.207	ug/L	92
44) trans-1,3-Dichloropropene	7.66	75	2228	0.092	ug/L	92
48) 2-Hexanone	8.18	43	14224	1.563	ug/L #	79
63) 1,4-Dichlorobenzene	11.31	146	2737	0.062	ug/L #	86

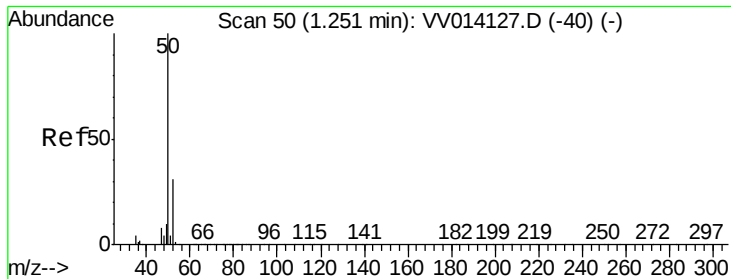
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.126 ug/L

RT: 1.25 min Scan# 50

Delta R.T. -0.00 min

Lab File: VV014129.D

Acq: 19 Dec 2019 15:00

Instrument :

MSVOA_V

ClientSampleId :

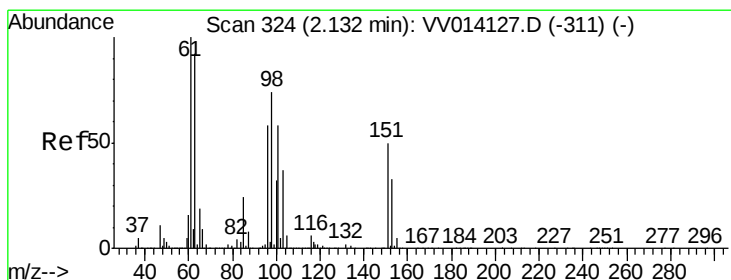
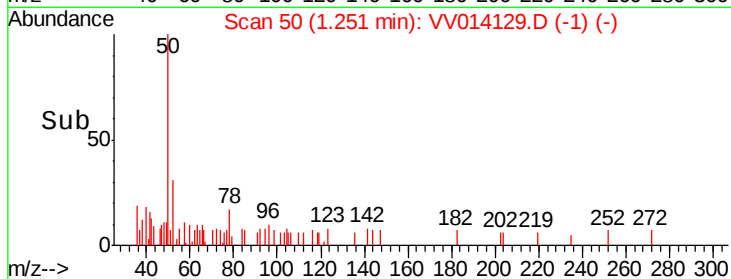
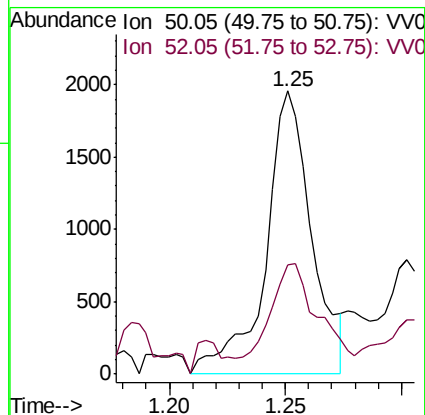
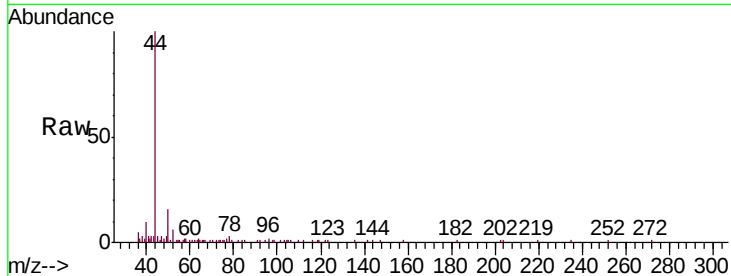
BFDX7

Tgt Ion: 50 Resp: 2702

Ion Ratio Lower Upper

50 100

52 38.7 22.5 41.7



#10

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

Concen: 0.084 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV014129.D

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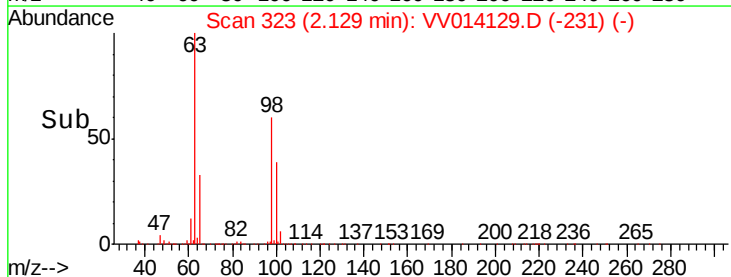
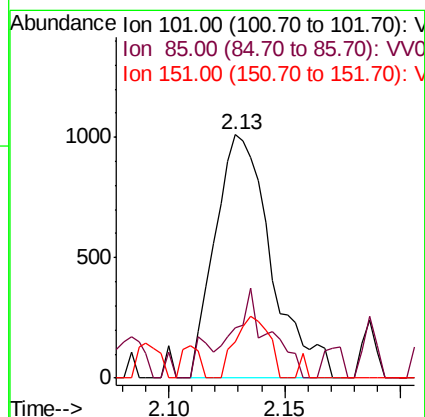
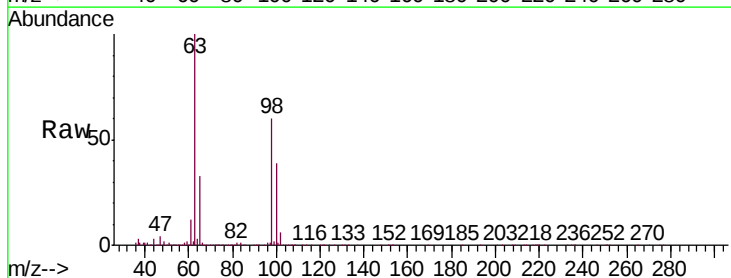
Tgt Ion: 101 Resp: 1703

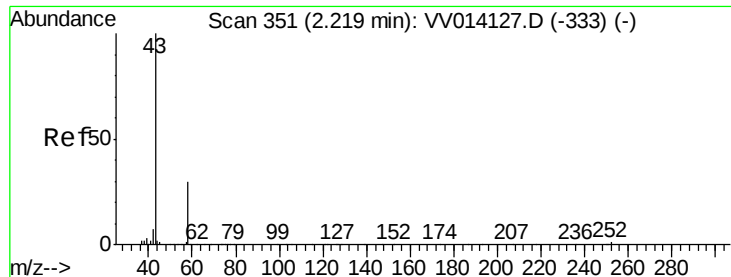
Ion Ratio Lower Upper

101 100

85 22.9 33.4 50.0#

151 15.1 69.4 104.0#





#13

Acetone

Concen: 2.922 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.00 min

Lab File: VV014129.D

Acq: 19 Dec 2019 15:00

Instrument :

MSVOA_V

ClientSampled :

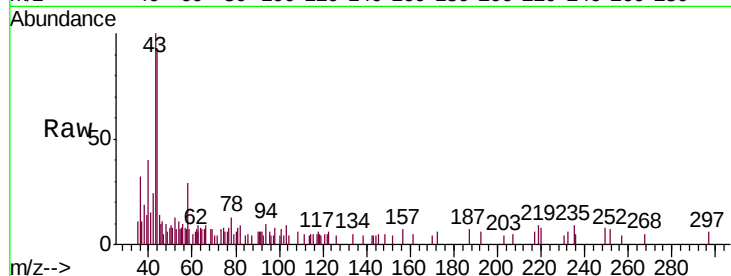
BFDX7

Tgt Ion: 43 Resp: 9672

Ion Ratio Lower Upper

43 100

58 9.1 0.0 27.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

2500

2000

1500

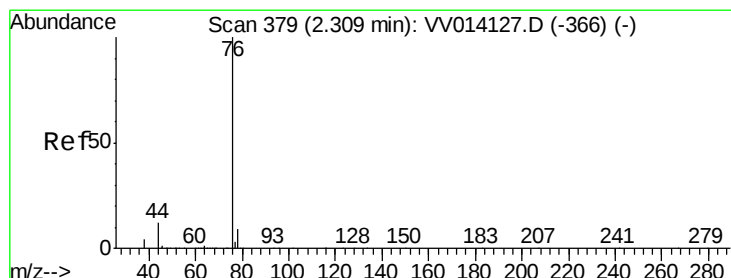
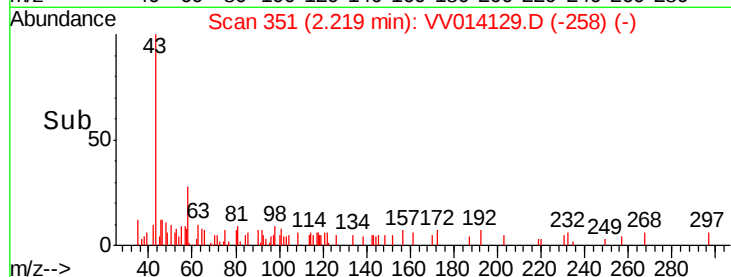
1000

500

0

2.10 2.15 2.20 2.25 2.30

Time-->



#14

Carbon disulfide

Concen: 0.066 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.01 min

Lab File: VV014129.D

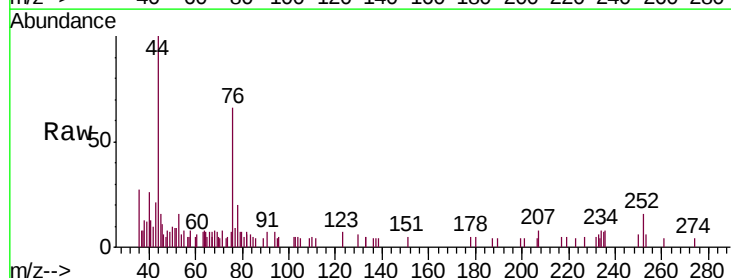
Acq: 19 Dec 2019 15:00

Tgt Ion: 76 Resp: 2701

Ion Ratio Lower Upper

76 100

78 30.4 7.5 11.3#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

2000

1500

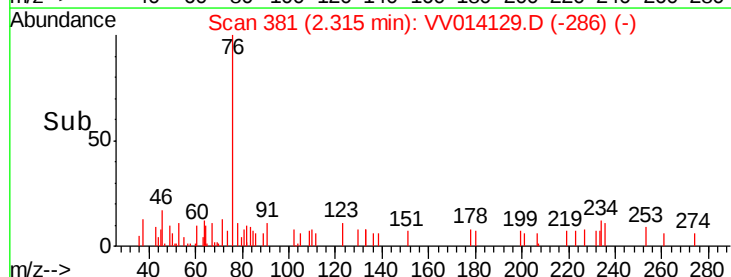
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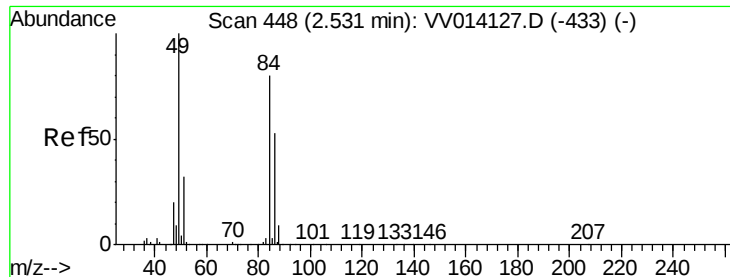
500

0

2.25 2.30 2.35

Time-->

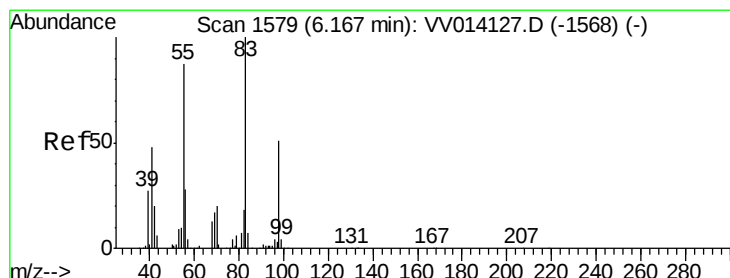
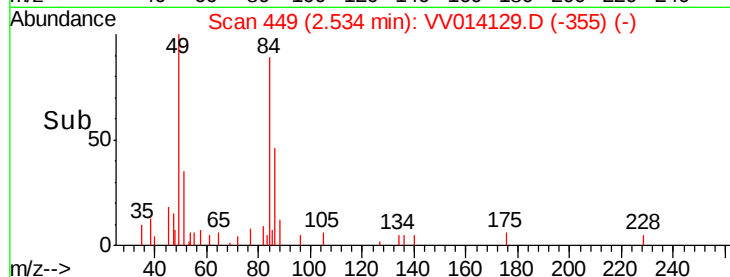
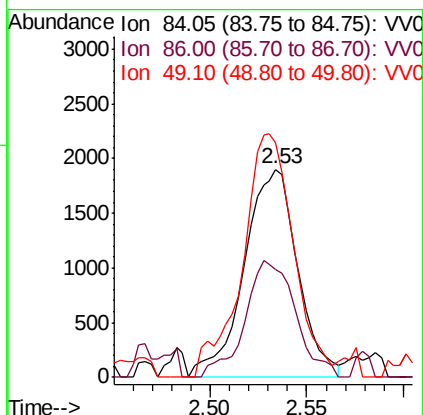
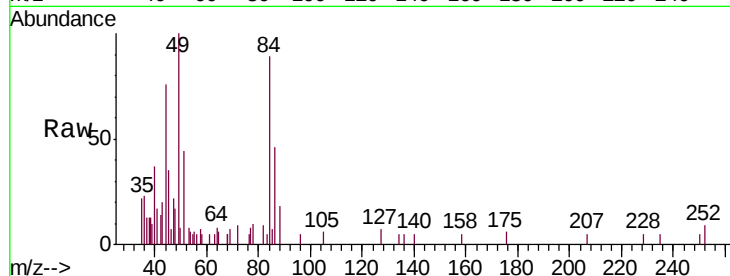




#16
Methylene chloride
Concen: 0.151 ug/L
RT: 2.53 min Scan# 449
Delta R.T. 0.00 min
Lab File: VV014129.D
Acq: 19 Dec 2019 15:00

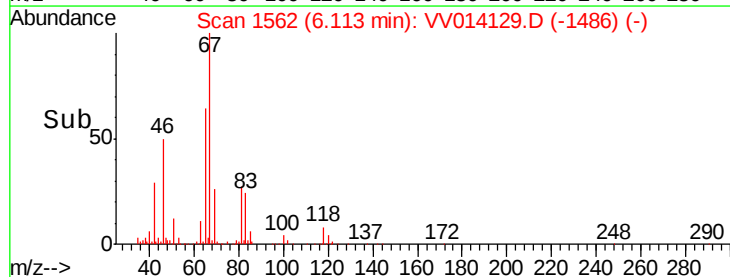
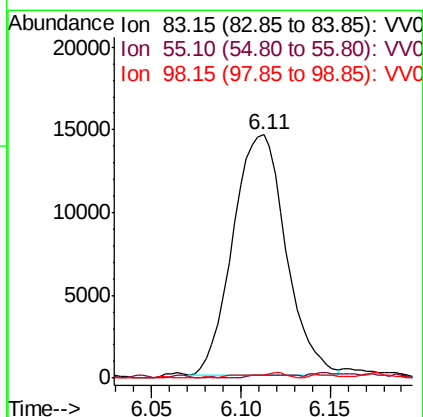
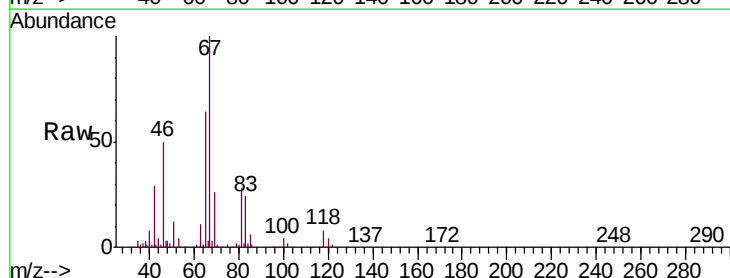
Instrument :
MSVOA_V
ClientSampleId :
BFDX7

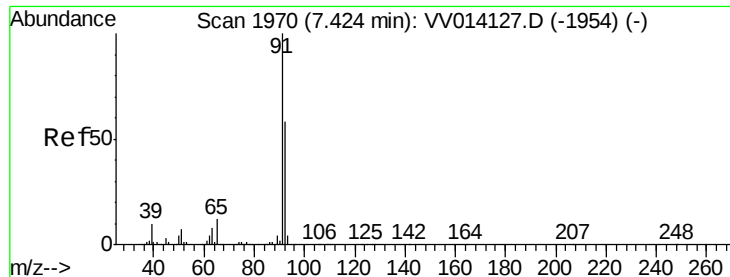
Tgt Ion: 84 Resp: 3655
Ion Ratio Lower Upper
84 100
86 51.5 44.0 81.6
49 112.8 81.5 151.5



#35
Methylcyclohexane
Concen: 0.963 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV014129.D
Acq: 19 Dec 2019 15:00

Tgt Ion: 83 Resp: 30157
Ion Ratio Lower Upper
83 100
55 0.6 60.3 90.5#
98 1.7 38.1 57.1#





#42

Toluene

Concen: 0.207 ug/L

RT: 7.43 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VV014129.D

Acq: 19 Dec 2019 15:00

Instrument :

MSVOA_V

ClientSampleId :

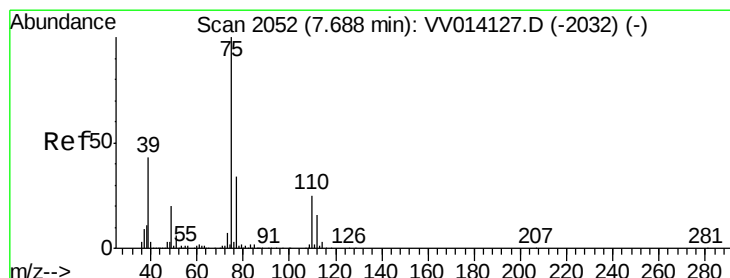
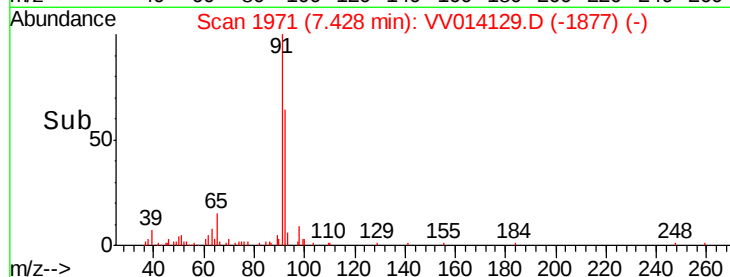
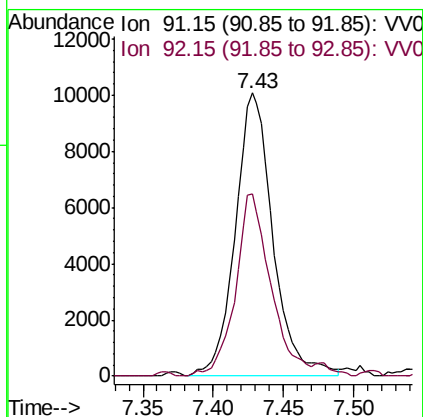
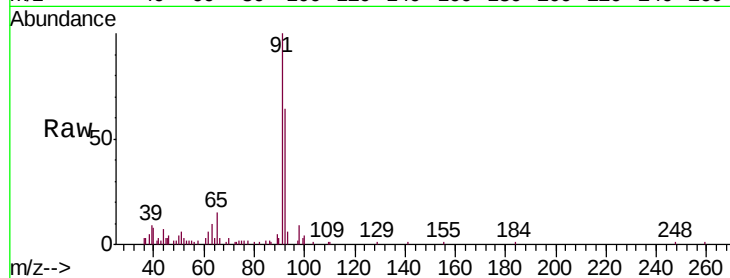
BFDX7

Tgt Ion: 91 Resp: 18861

Ion Ratio Lower Upper

91 100

92 64.4 41.1 76.3



#44

trans-1,3-Dichloropropene

Concen: 0.092 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV014129.D

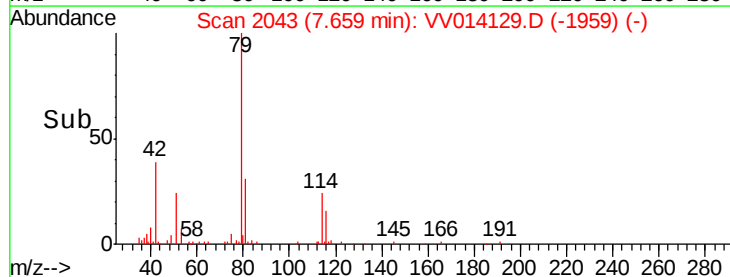
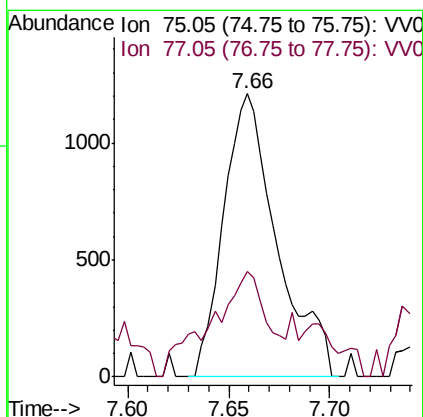
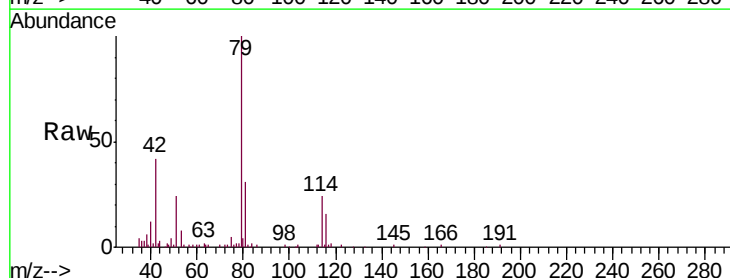
Acq: 19 Dec 2019 15:00

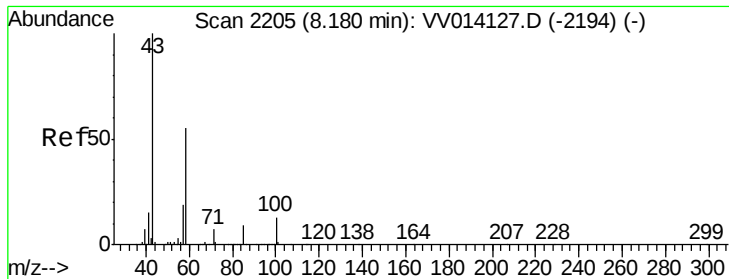
Tgt Ion: 75 Resp: 2228

Ion Ratio Lower Upper

75 100

77 37.2 23.0 42.8

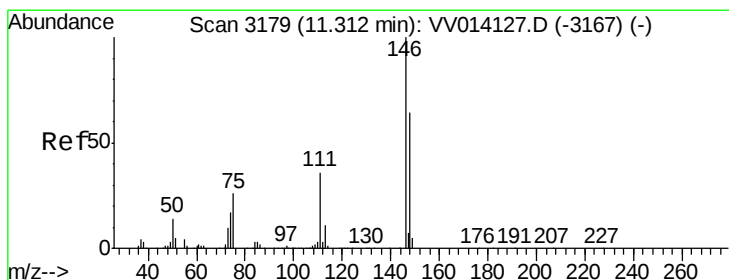
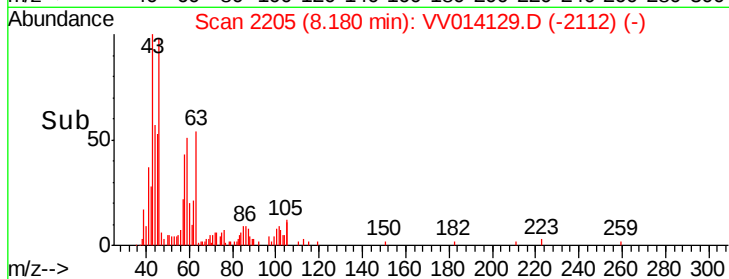
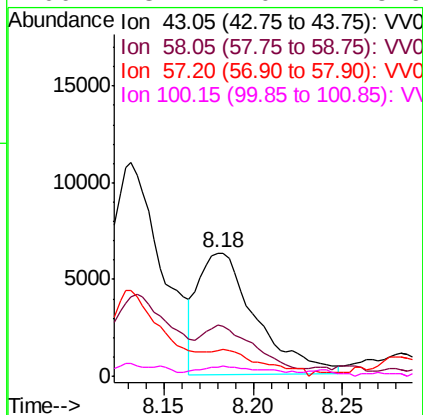
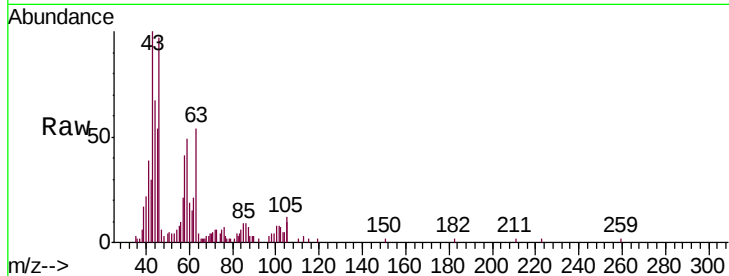




#48
2-Hexanone
Concen: 1.563 ug/L
RT: 8.18 min Scan# 2205
Delta R.T. -0.00 min
Lab File: VV014129.D
Acq: 19 Dec 2019 15:00

Instrument :
MSVOA_V
ClientSampleId :
BFDX7

Tgt Ion:	43	Resp:	14224
Ion	Ratio	Lower	Upper
43	100		
58	35.4	43.2	64.8#
57	17.3	15.4	23.2
100	3.1	10.4	15.6#



#63
1,4-Dichlorobenzene
Concen: 0.062 ug/L
RT: 11.31 min Scan# 3178
Delta R.T. -0.00 min
Lab File: VV014129.D
Acq: 19 Dec 2019 15:00

Tgt Ion:	146	Resp:	2737
Ion	Ratio	Lower	Upper
146	100		
111	46.5	25.0	46.4#
148	55.2	45.4	84.2

