

Data File : VV012547.D
Acq On : 03 Sep 2019 14:57
Operator : SY/MD
Sample : K4607-12
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD68

Quant Time: Sep 04 02:14:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 04 02:10:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136788	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143313	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	55449	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	53742	4.04	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.80%
7) Chloroethane-d5	1.58	69	56274	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.13	63	91528	2.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	56.40%#
20) 2-Butanone-d5	3.94	46	112682	44.51	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.02%
24) Chloroform-d	4.40	84	87652	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.80%
26) 1,2-Dichloroethane-d4	5.08	65	48574	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.80%
32) Benzene-d6	5.10	84	160414	3.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	79.40%
36) 1,2-Dichloropropane-d6	6.12	67	54461	4.29	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.80%
41) Toluene-d8	7.36	98	125777	3.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	69.00%#
43) trans-1,3-Dichloropropene-	7.66	79	14476	3.12	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	62.40%
46) 2-Hexanone-d5	8.14	63	56757	32.70	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	65.40%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	34098	3.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	76.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	46953	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

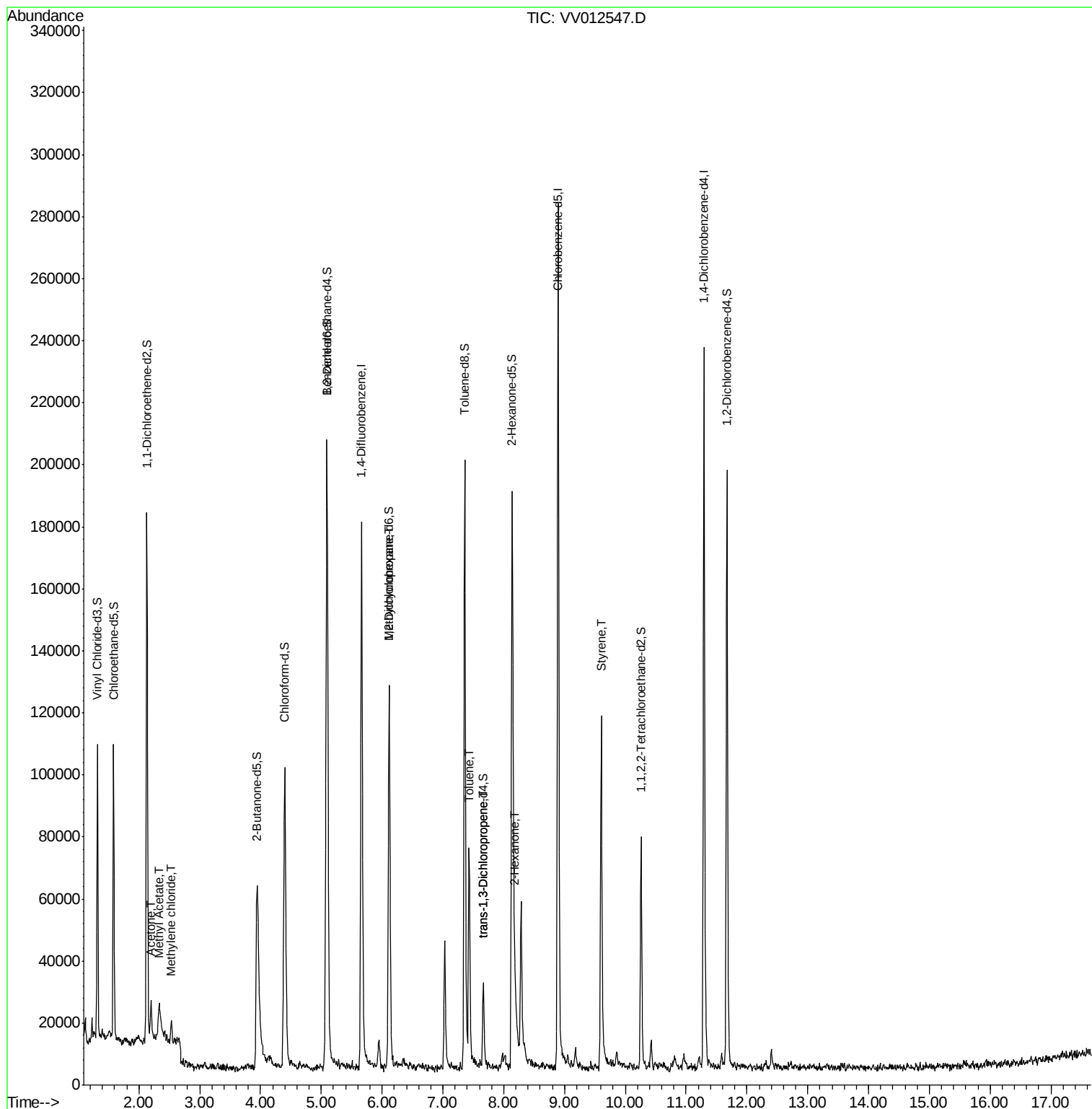
					Qvalue
13) Acetone	2.20	43	14382	4.004	ug/L 100
15) Methyl Acetate	2.33	43	4483	0.515	ug/L # 56
16) Methylene chloride	2.54	84	2872	0.141	ug/L 92
35) Methylcyclohexane	6.12	83	13357	0.539	ug/L # 17
42) Toluene	7.43	91	49143	0.768	ug/L 100
44) trans-1,3-Dichloropropene	7.66	75	1045	0.064	ug/L # 79
48) 2-Hexanone	8.18	43	7068	1.102	ug/L # 85
55) Styrene	9.60	104	49590	1.221	ug/L 98

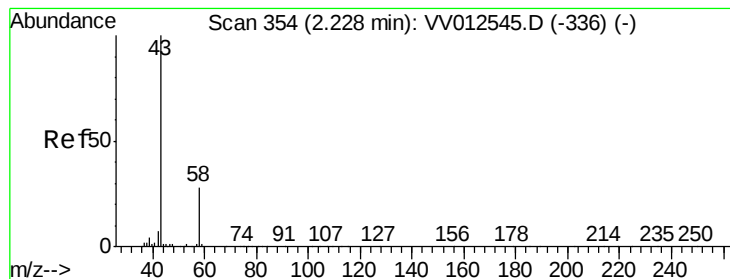
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Sep 04 02:10:17 2019
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#13

Acetone

Concen: 4.004 ug/L

RT: 2.20 min Scan# 345

Delta R.T. -0.03 min

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Instrument :

MSVOA_V

ClientSampleId :

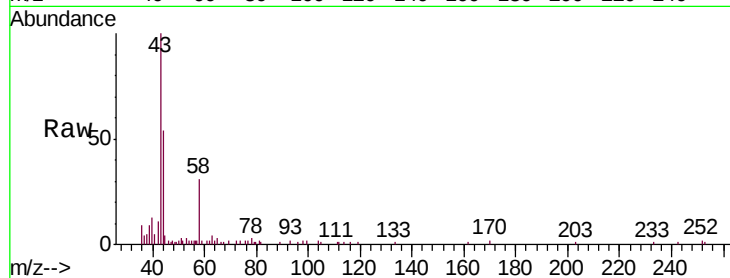
BFD68

Tgt Ion: 43 Resp: 14382

Ion Ratio Lower Upper

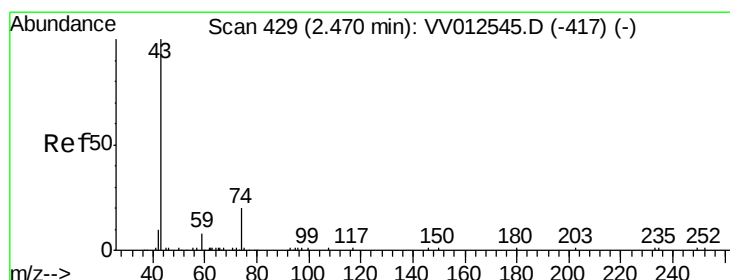
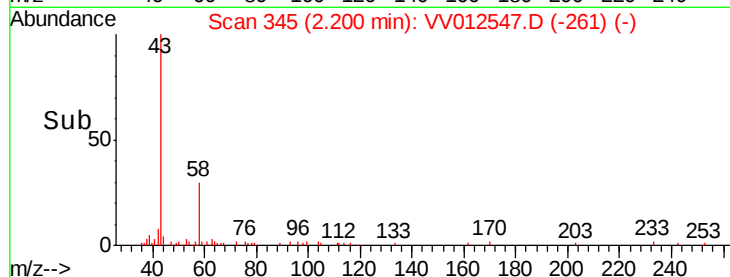
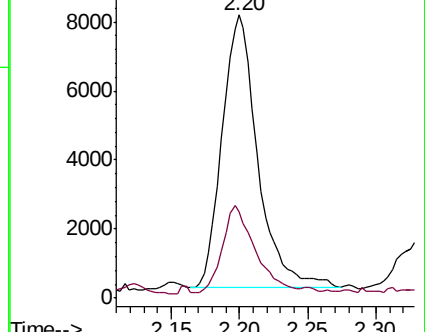
43 100

58 29.3 0.0 58.2



Abundance Ion 43.05 (42.75 to 43.75): VV012545.D (-336) (-)

Ion 58.05 (57.75 to 58.75): VV012545.D (-336) (-)



#15

Methyl Acetate

Concen: 0.515 ug/L

RT: 2.33 min Scan# 387

Delta R.T. -0.13 min

Lab File: VV012547.D

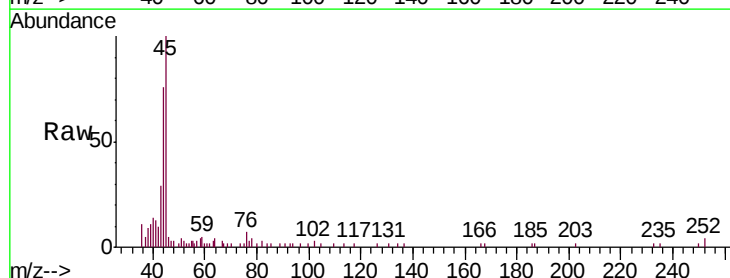
Acq: 03 Sep 2019 14:57

Tgt Ion: 43 Resp: 4483

Ion Ratio Lower Upper

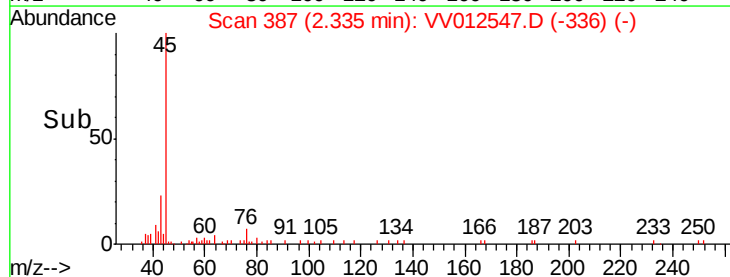
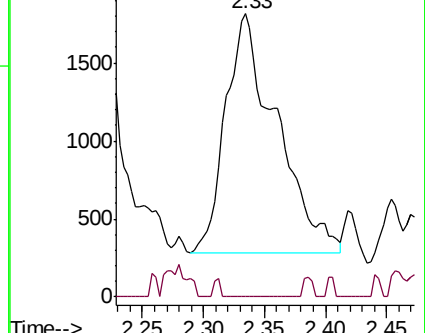
43 100

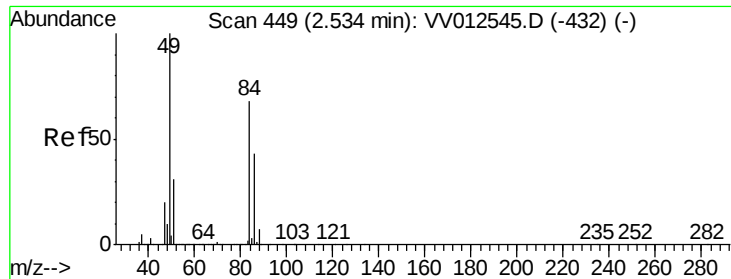
74 1.0 17.3 25.9#



Abundance Ion 43.05 (42.75 to 43.75): VV012545.D (-417) (-)

Ion 74.05 (73.75 to 74.75): VV012545.D (-417) (-)

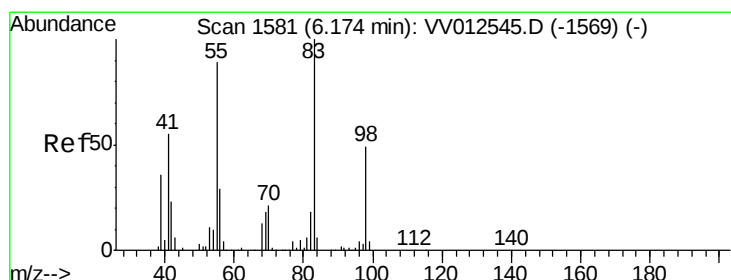
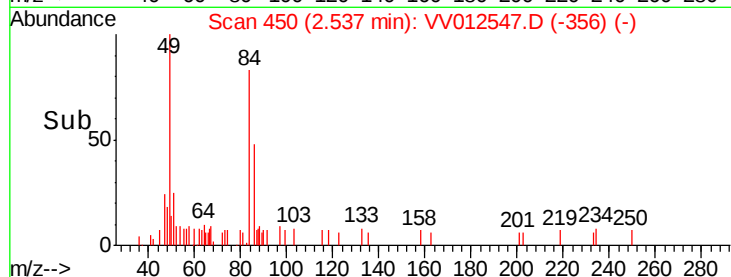
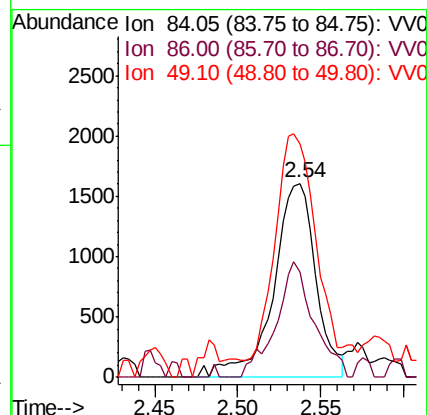
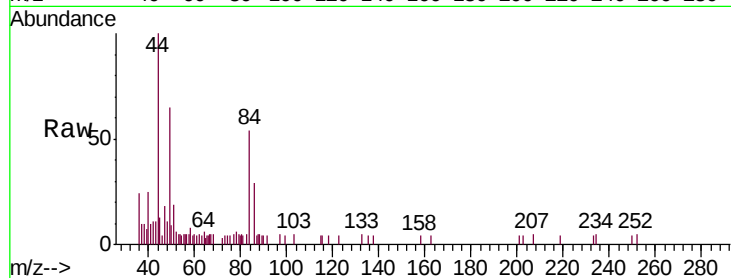




#16
Methylene chloride
Concen: 0.141 ug/L
RT: 2.54 min Scan# 450
Delta R.T. 0.00 min
Lab File: VV012547.D
Acq: 03 Sep 2019 14:57

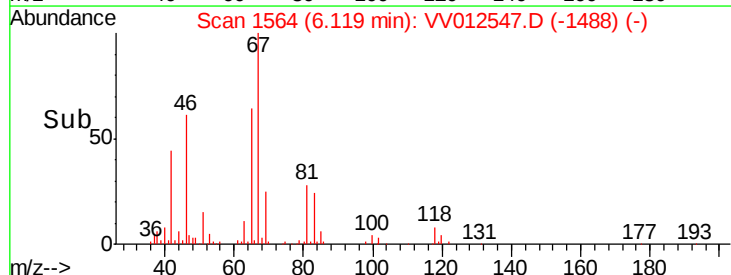
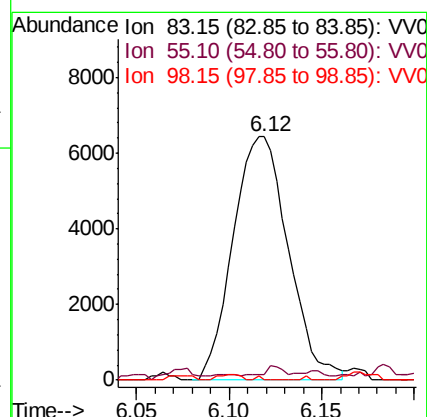
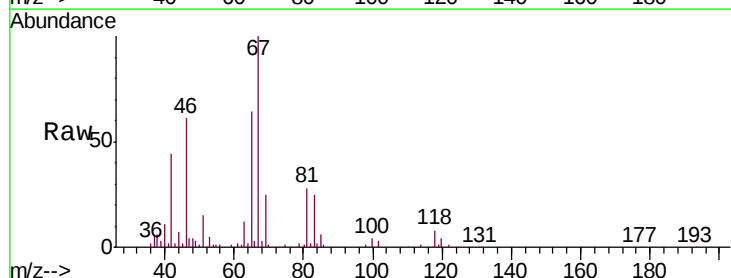
Instrument :
MSVOA_V
ClientSampleId :
BFD68

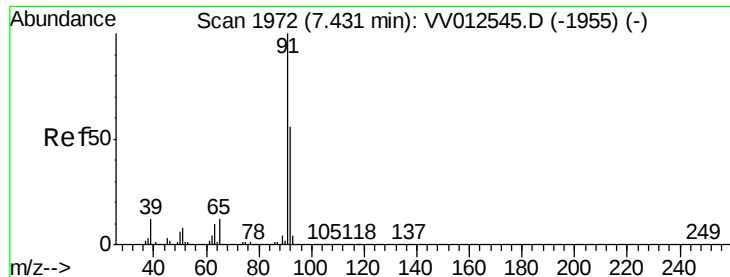
Tgt Ion: 84 Resp: 2872
Ion Ratio Lower Upper
84 100
86 54.0 45.2 84.0
49 136.3 100.4 186.4



#35
Methylcyclohexane
Concen: 0.539 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.05 min
Lab File: VV012547.D
Acq: 03 Sep 2019 14:57

Tgt Ion: 83 Resp: 13357
Ion Ratio Lower Upper
83 100
55 2.2 67.3 100.9#
98 0.0 37.4 56.2#





#42

Toluene

Concen: 0.768 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012547.D

Acq: 03 Sep 2019 14:57

Instrument :

MSVOA_V

ClientSampleId :

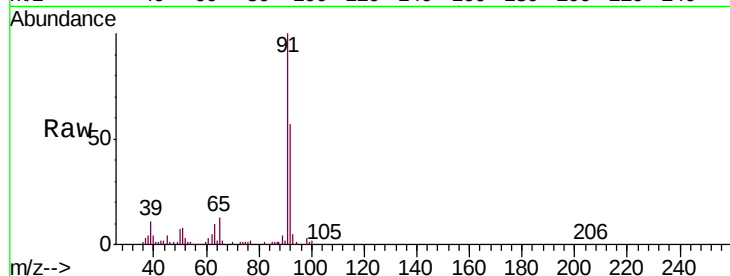
BFD68

Tgt Ion: 91 Resp: 49143

Ion Ratio Lower Upper

91 100

92 56.8 39.6 73.6



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0

7.43

30000

25000

20000

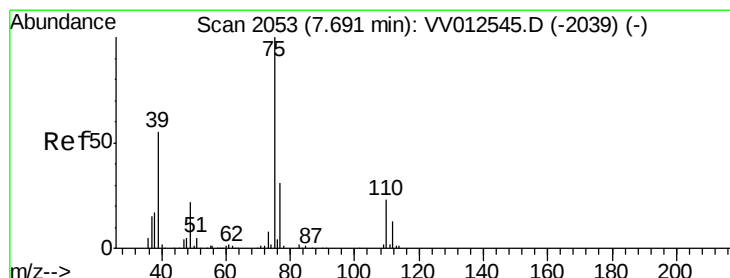
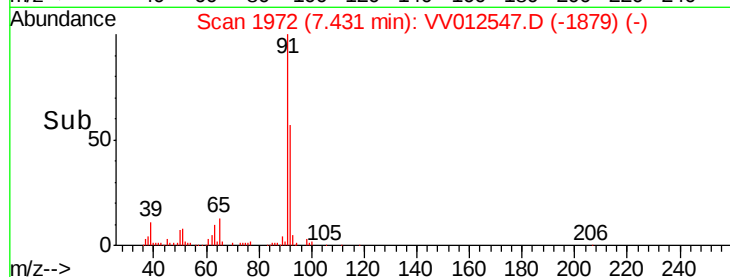
15000

10000

5000

0

Time-->



#44

trans-1,3-Dichloropropene

Concen: 0.064 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.03 min

Lab File: VV012547.D

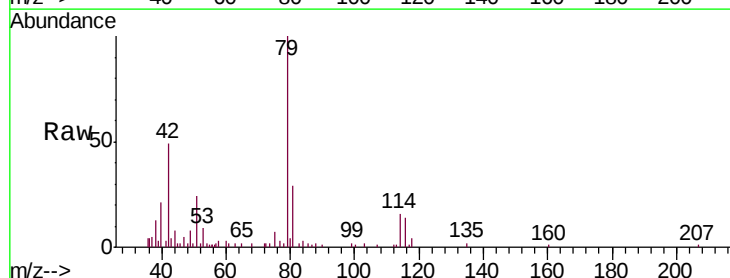
Acq: 03 Sep 2019 14:57

Tgt Ion: 75 Resp: 1045

Ion Ratio Lower Upper

75 100

77 43.4 22.2 41.2#



Abundance Ion 75.05 (74.75 to 75.75): VV0

Ion 77.05 (76.75 to 77.75): VV0

7.66

600

500

400

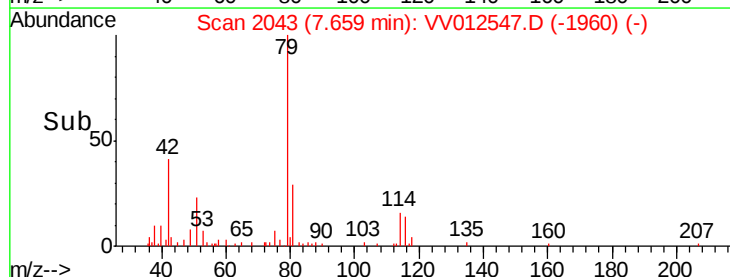
300

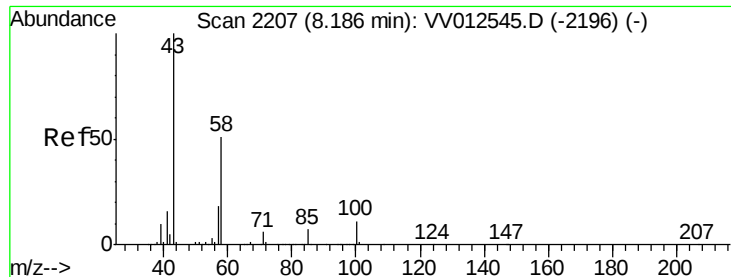
200

100

0

Time-->

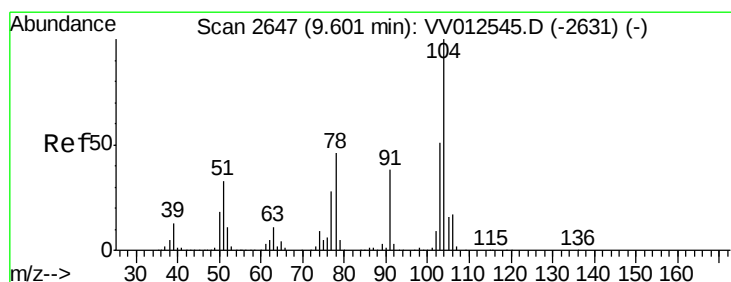
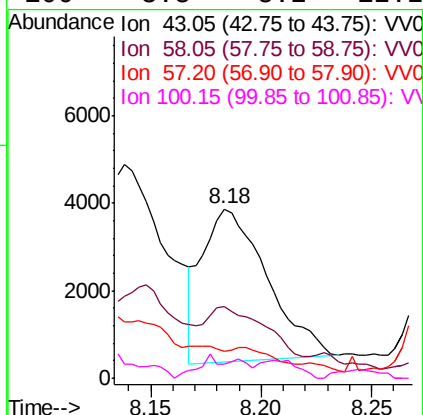
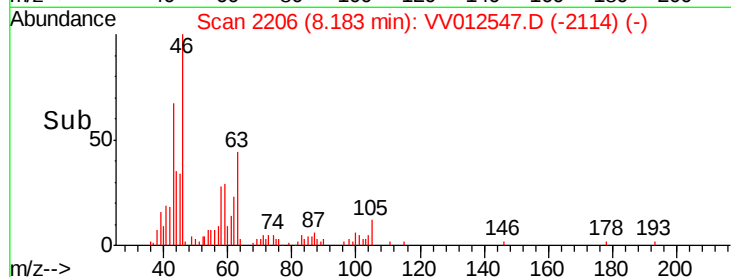
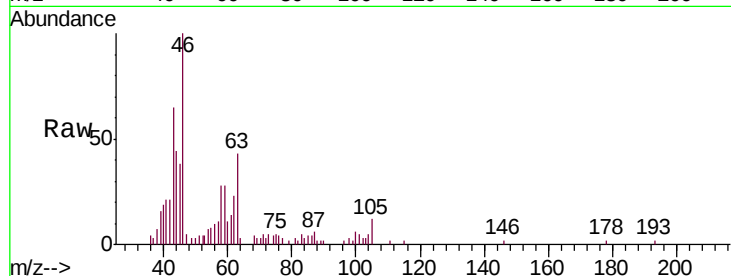




#48
2-Hexanone
Concen: 1.102 ug/L
RT: 8.18 min Scan# 2206
Delta R.T. -0.00 min
Lab File: VV012547.D
Acq: 03 Sep 2019 14:57

Instrument :
MSVOA_V
ClientSampleId :
BFD68

Tgt Ion: 43 Resp: 7068
Ion Ratio Lower Upper
43 100
58 45.2 40.0 60.0
57 0.0 13.4 20.2#
100 3.8 8.2 12.2#



#55
Styrene
Concen: 1.221 ug/L
RT: 9.60 min Scan# 2648
Delta R.T. 0.00 min
Lab File: VV012547.D
Acq: 03 Sep 2019 14:57

Tgt Ion: 104 Resp: 49590
Ion Ratio Lower Upper
104 100
78 47.4 32.3 60.1

