

Data File : VV012566.D
Acq On : 04 Sep 2019 14:26
Operator : SY/MD
Sample : K4685-03
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFD72

Quant Time: Sep 05 01:30:34 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Sep 05 01:26:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	121930	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	126227	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	45836	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55049	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	57708	4.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.60%
11) 1,1-Dichloroethene-d2	2.13	63	102392	3.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	70.80%
20) 2-Butanone-d5	3.97	46	136959	60.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.38%
24) Chloroform-d	4.40	84	93407	5.13	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.60%
26) 1,2-Dichloroethane-d4	5.08	65	54127	5.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	114.60%
32) Benzene-d6	5.09	84	169045	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	55998	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.36	98	129892	4.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.80%
43) trans-1,3-Dichloropropene-	7.67	79	18235	4.47	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.40%
46) 2-Hexanone-d5	8.14	63	73922	48.35	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.70%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39602	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	45116	5.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.20%

Target Compounds

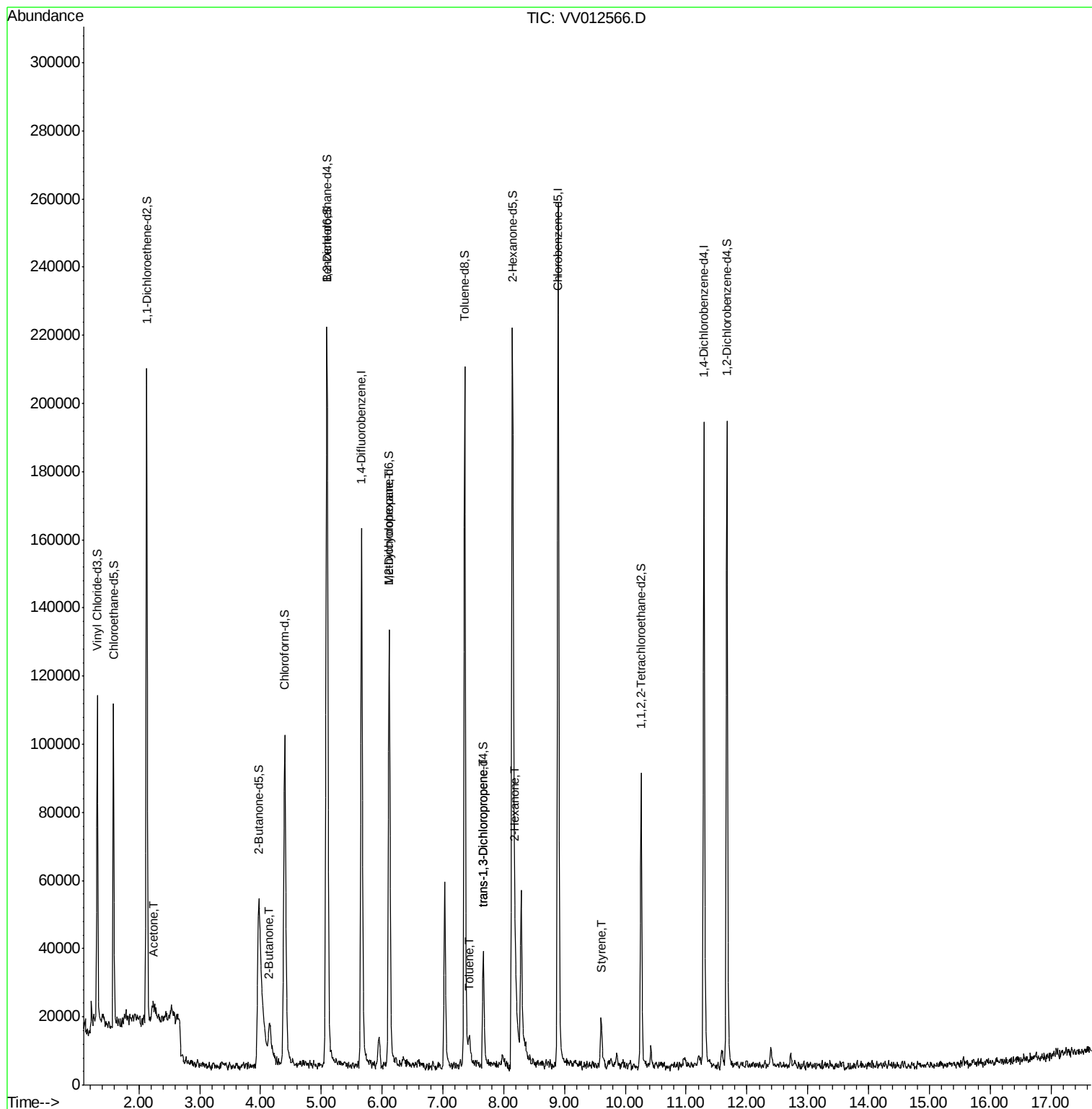
					Qvalue
13) Acetone	2.23	43	15189	4.743 ug/L	75
21) 2-Butanone	4.15	43	16275	5.312 ug/L #	53
35) Methylcyclohexane	6.11	83	13605	0.623 ug/L #	17
42) Toluene	7.43	91	4768	0.085 ug/L	98
44) trans-1,3-Dichloropropene	7.66	75	897	0.063 ug/L #	48
48) 2-Hexanone	8.19	43	8003	1.417 ug/L #	85
55) Styrene	9.60	104	3613	0.101 ug/L	91

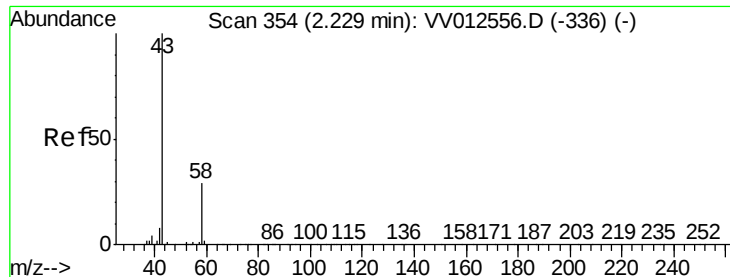
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 4.743 ug/L

RT: 2.23 min Scan# 356

Delta R.T. 0.01 min

Lab File: VV012566.D

Acq: 04 Sep 2019 14:26

Instrument :

MSVOA_V

ClientSampleId :

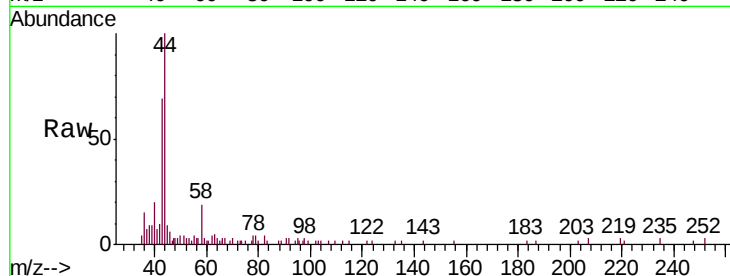
BFD72

Tgt Ion: 43 Resp: 15189

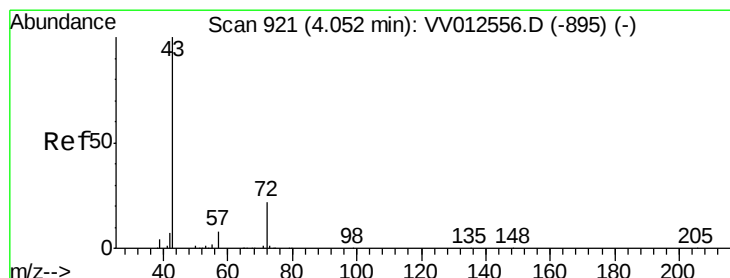
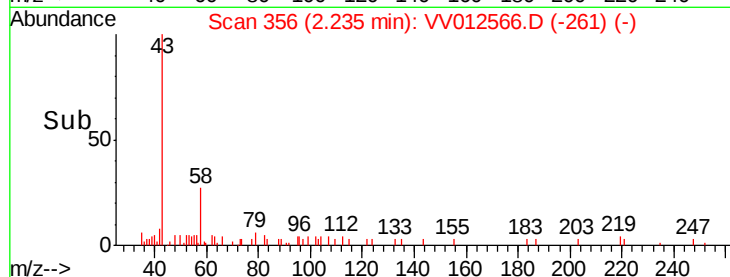
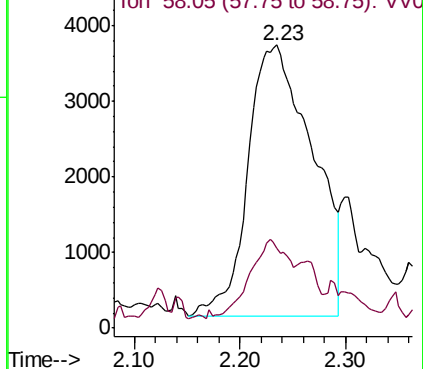
Ion Ratio Lower Upper

43 100

58 15.8 0.0 58.2



Abundance Ion 43.05 (42.75 to 43.75): VV012556.D (-336) (-)



#21

2-Butanone

Concen: 5.312 ug/L

RT: 4.15 min Scan# 952

Delta R.T. 0.10 min

Lab File: VV012566.D

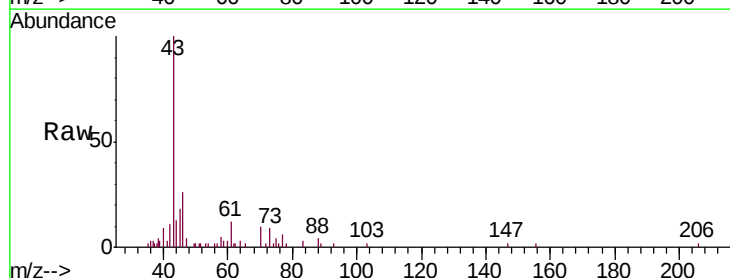
Acq: 04 Sep 2019 14:26

Tgt Ion: 43 Resp: 16275

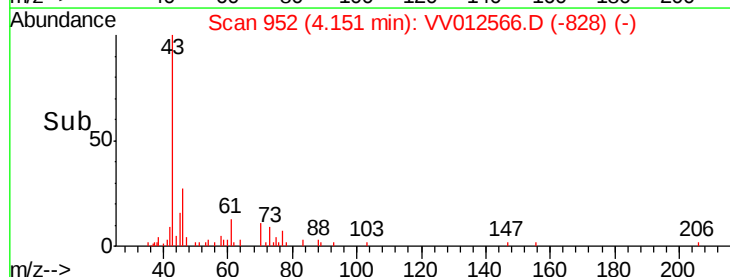
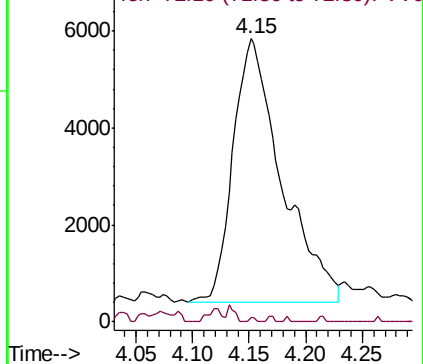
Ion Ratio Lower Upper

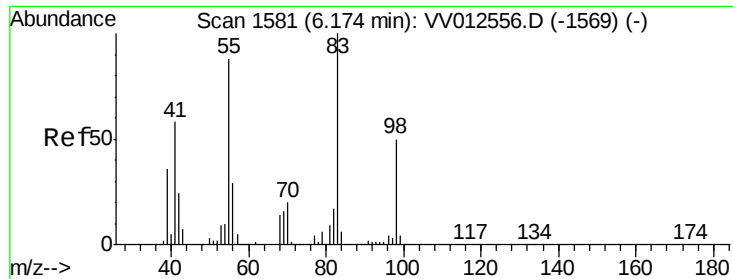
43 100

72 0.2 11.4 34.1#



Abundance Ion 43.05 (42.75 to 43.75): VV012556.D (-895) (-)





#35

Methylcyclohexane

Concen: 0.623 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV012566.D

Acq: 04 Sep 2019 14:26

Instrument :

MSVOA_V

ClientSampleId :

BFD72

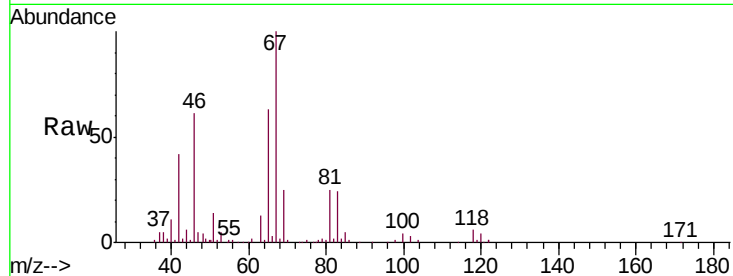
Tgt Ion: 83 Resp: 13605

Ion Ratio Lower Upper

83 100

55 1.0 67.3 100.9#

98 1.0 37.4 56.2#

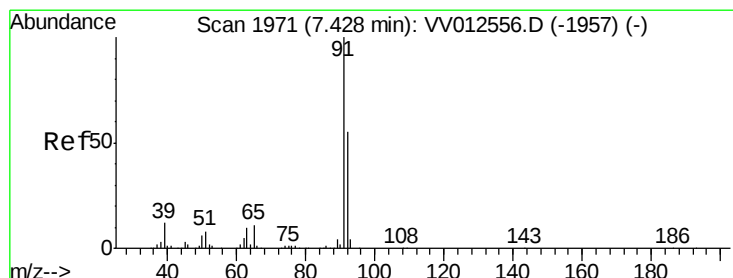
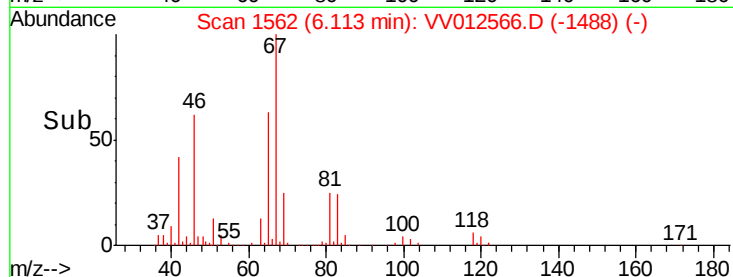


Abundance Ion 83.15 (82.85 to 83.85): VV012556.D (-1569) (-)

Ion 55.10 (54.80 to 55.80): VV012556.D (-1569) (-)

Ion 98.15 (97.85 to 98.85): VV012556.D (-1569) (-)

Time-->



#42

Toluene

Concen: 0.085 ug/L

RT: 7.43 min Scan# 1972

Delta R.T. 0.00 min

Lab File: VV012566.D

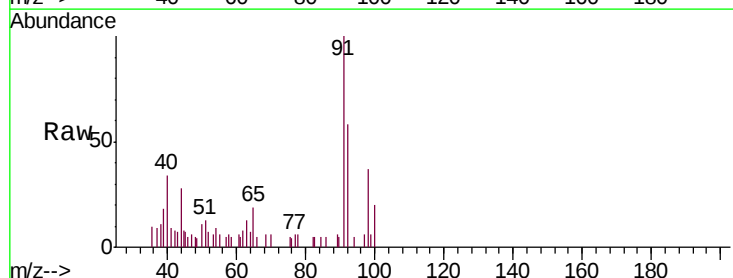
Acq: 04 Sep 2019 14:26

Tgt Ion: 91 Resp: 4768

Ion Ratio Lower Upper

91 100

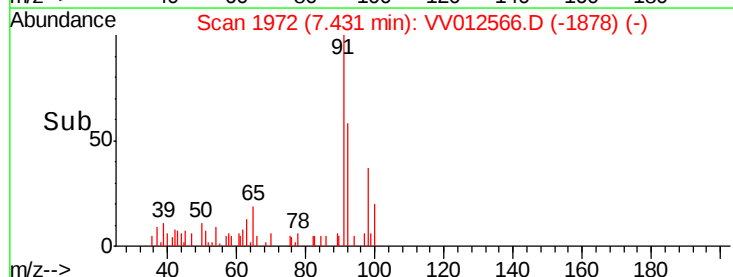
92 57.9 39.6 73.6

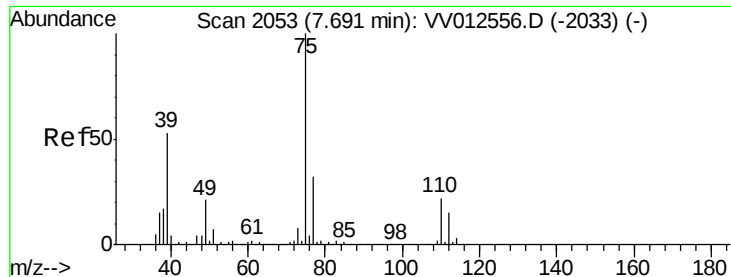


Abundance Ion 91.15 (90.85 to 91.85): VV012556.D (-1957) (-)

Ion 92.15 (91.85 to 92.85): VV012556.D (-1957) (-)

Time-->

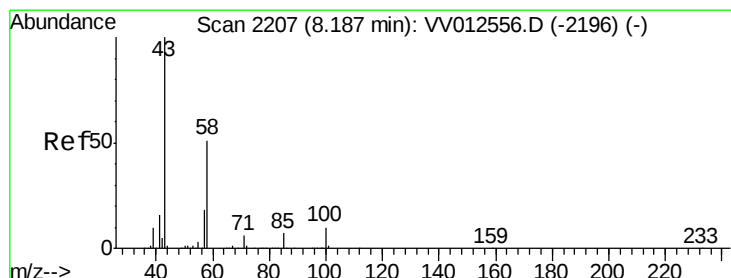
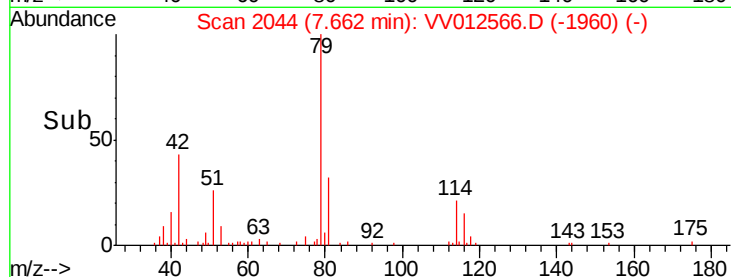
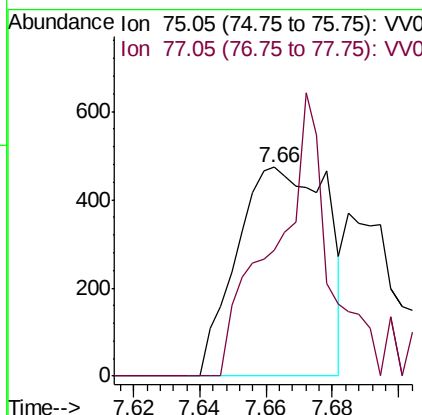
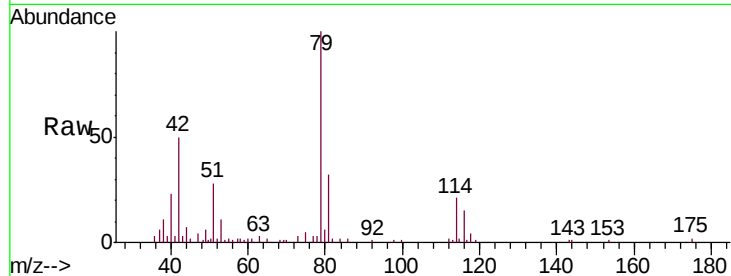




#44
trans-1,3-Dichloropropene
Concen: 0.063 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012566.D
Acq: 04 Sep 2019 14:26

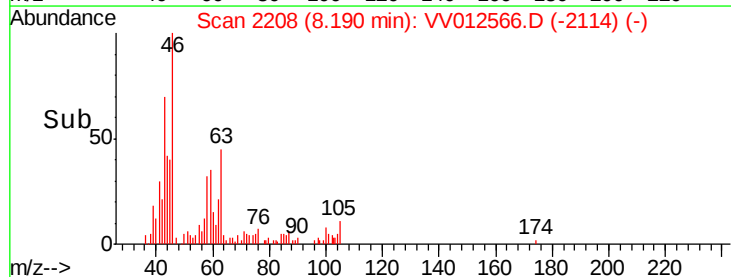
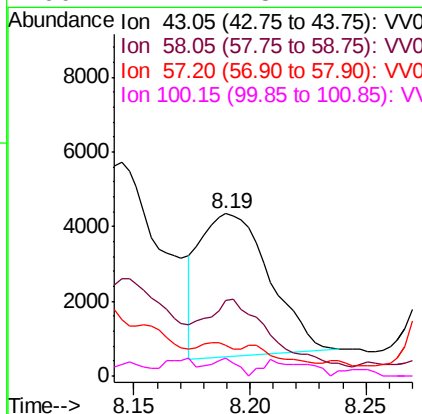
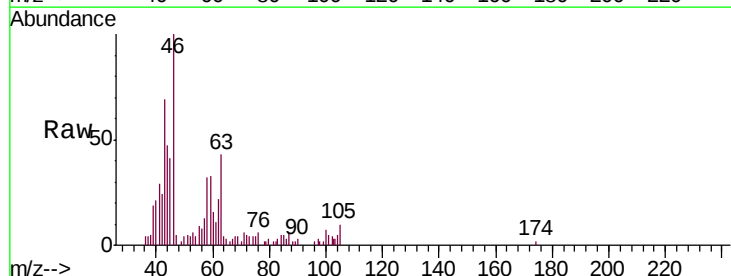
Instrument :
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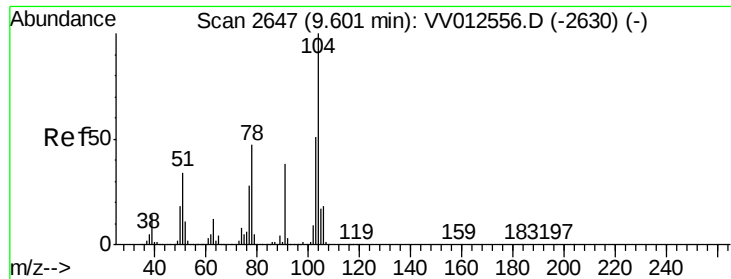
Tgt Ion: 75 Resp: 897
Ion Ratio Lower Upper
75 100
77 60.3 22.2 41.2#



#48
2-Hexanone
Concen: 1.417 ug/L
RT: 8.19 min Scan# 2208
Delta R.T. 0.00 min
Lab File: VV012566.D
Acq: 04 Sep 2019 14:26

Tgt Ion: 43 Resp: 8003
Ion Ratio Lower Upper
43 100
58 45.1 40.0 60.0
57 0.0 13.4 20.2#
100 4.2 8.2 12.2#





#55

Styrene

Concen: 0.101 ug/L

RT: 9.60 min Scan# 2648

Delta R.T. 0.00 min

Lab File: VV012566.D

Acq: 04 Sep 2019 14:26

Instrument :

MSVOA_V

ClientSampleId :

BFD72

Tgt Ion:104 Resp: 3613

Ion Ratio Lower Upper

104 100

78 52.0 32.3 60.1

