

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112119\
 Data File : VV013719.D
 Acq On : 21 Nov 2019 17:54
 Operator : SY/MD
 Sample : K5941-13 10X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AC5

Quant Time: Nov 22 05:34:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 22 03:55:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	333127	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	322257	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	153310	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	118975	5.78	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	115.60%
7) Chloroethane-d5	1.58	69	103209	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.12	63	170917	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.60%
20) 2-Butanone-d5	3.95	46	340572	71.57	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	143.14%#
24) Chloroform-d	4.40	84	258380	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
26) 1,2-Dichloroethane-d4	5.07	65	133480	6.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	122.20%
32) Benzene-d6	5.09	84	535154	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.20%
36) 1,2-Dichloropropane-d6	6.11	67	160656	6.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	121.00%
41) Toluene-d8	7.36	98	469323	5.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	112.40%
43) trans-1,3-Dichloropropene-	7.66	79	54486	5.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	106.80%
46) 2-Hexanone-d5	8.14	63	249202	64.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	128.92%
57) 1,1,2,2-Tetrachloroethane-	0.00	84	0d	0.00	ug/L	
Spiked Amount	5.000	Range	65 - 120	Recovery	=	0.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	190306	6.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	129.00%#

Target Compounds

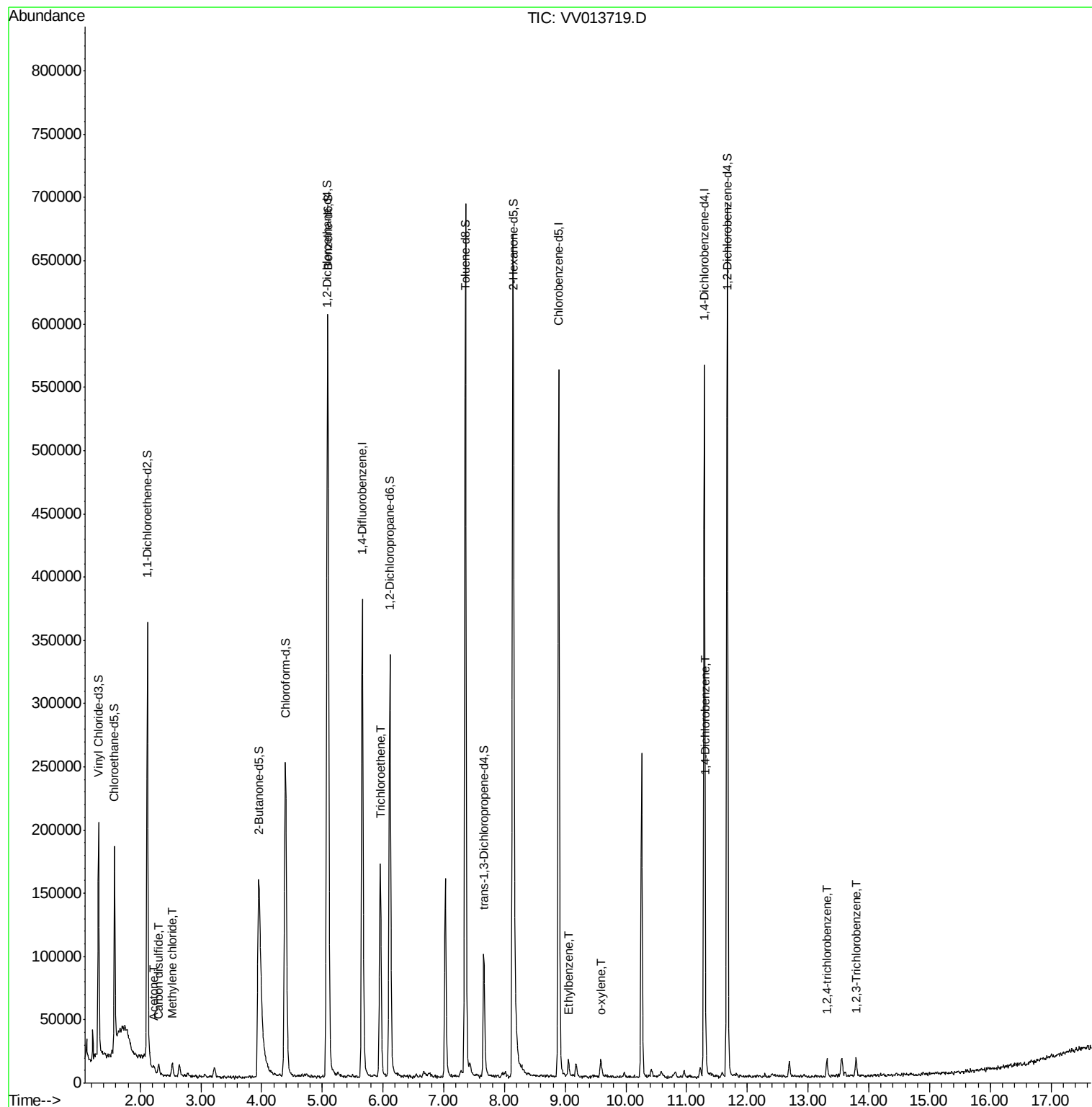
					Ovalue
13) Acetone	2.22	43	6343	2.113 ug/L #	1
14) Carbon disulfide	2.31	76	9402	0.137 ug/L	99
16) Methylene chloride	2.53	84	4784	0.173 ug/L	93
34) Trichloroethene	5.96	95	54996	2.107 ug/L	95
52) Ethylbenzene	9.05	91	8120	0.073 ug/L	90
54) o-xylene	9.59	106	3503	0.087 ug/L	97
63) 1,4-Dichlorobenzene	11.32	146	3932	0.075 ug/L	94
68) 1,2,4-trichlorobenzene	13.31	180	4494	0.128 ug/L	90
70) 1,2,3-Trichlorobenzene	13.79	180	4500	0.141 ug/L #	89

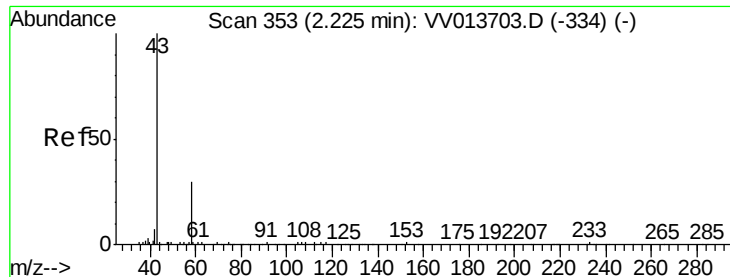
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Nov 22 03:55:18 2019
Response via : Initial Calibration





#13

Acetone

Concen: 2.113 ug/L

RT: 2.22 min Scan# 351

Delta R.T. -0.01 min

Lab File: VV013719.D

Acq: 21 Nov 2019 17:54

Instrument :

MSVOA_V

ClientSampleId :

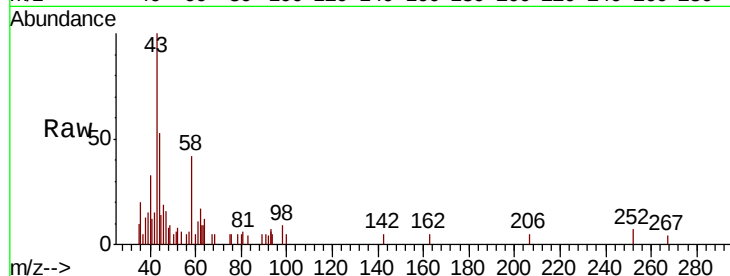
B0AC5

Tot Ion: 43 Resp: 6343

Ion Ratio Lower Upper

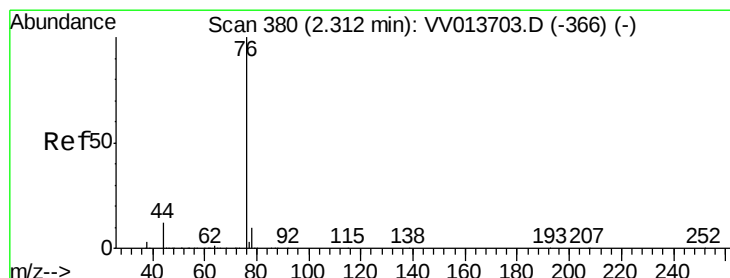
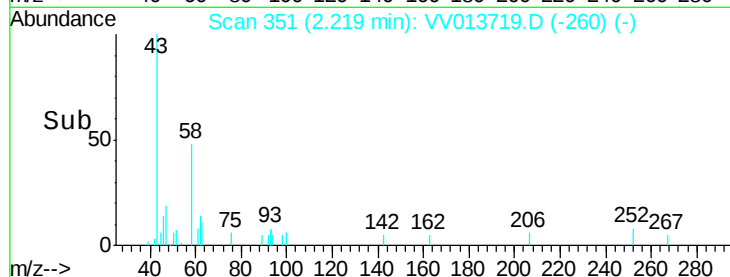
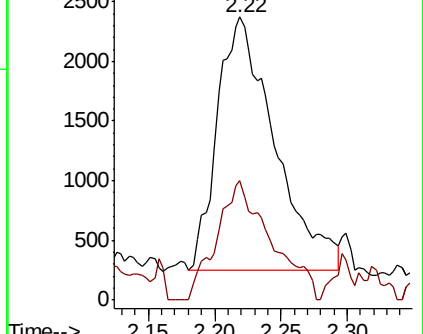
43 100

58 44.7 0.0 17.0#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0



#14

Carbon disulfide

Concen: 0.137 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.01 min

Lab File: VV013719.D

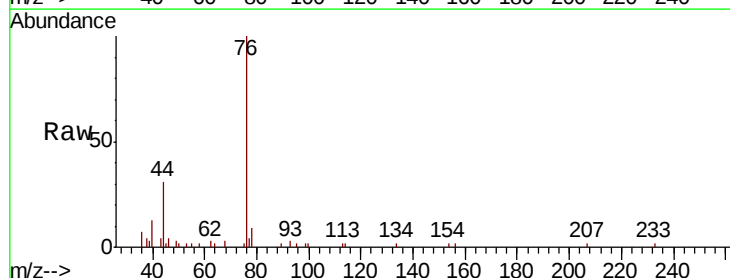
Acq: 21 Nov 2019 17:54

Tgt Ion: 76 Resp: 9402

Ion Ratio Lower Upper

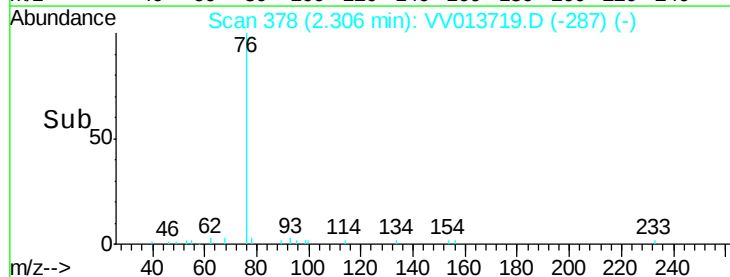
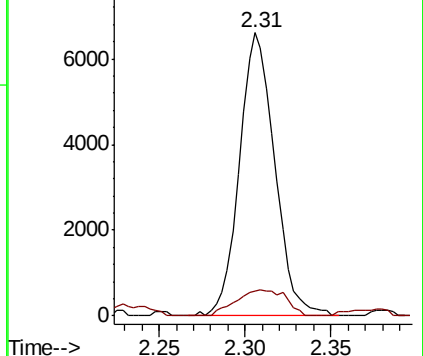
76 100

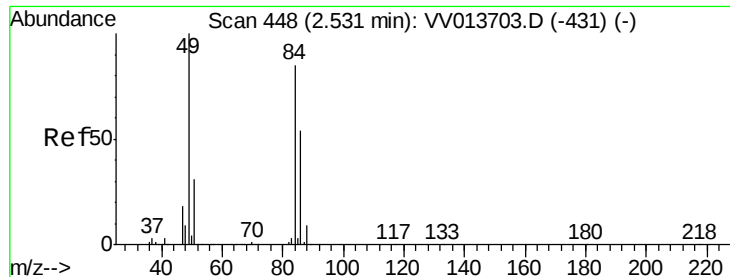
78 8.9 7.4 11.2



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0

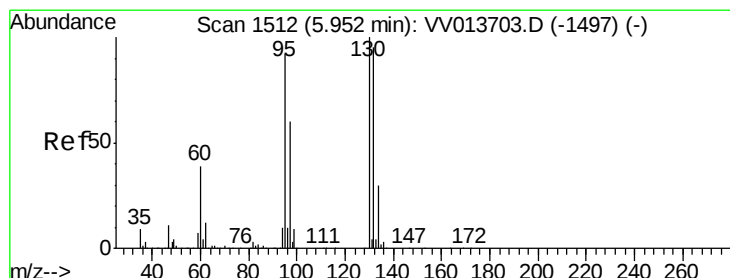
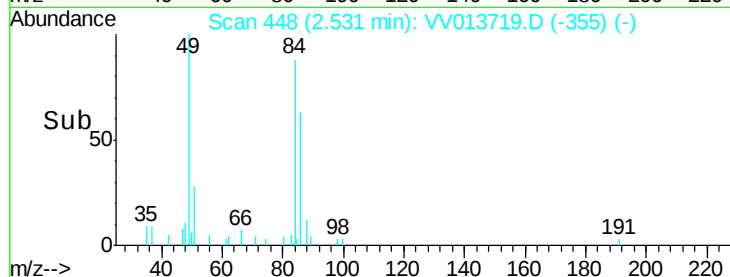
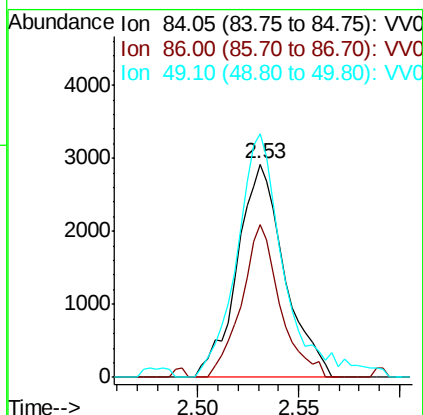
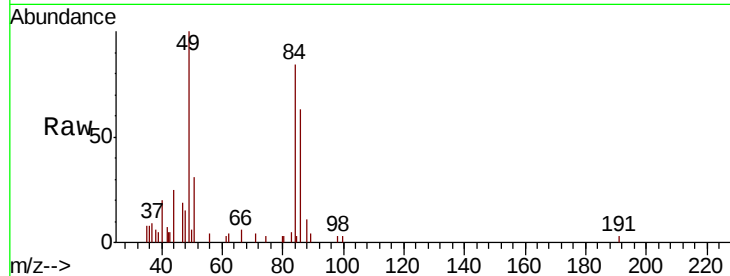




#16
Methvlene chloride
Concen: 0.173 ug/L
RT: 2.53 min Scan# 448
Delta R.T. 0.00 min
Lab File: VV013719.D
Acq: 21 Nov 2019 17:54

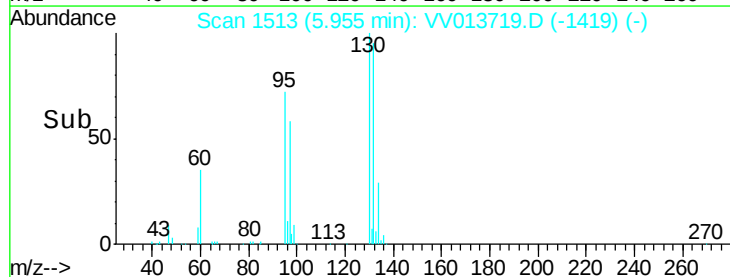
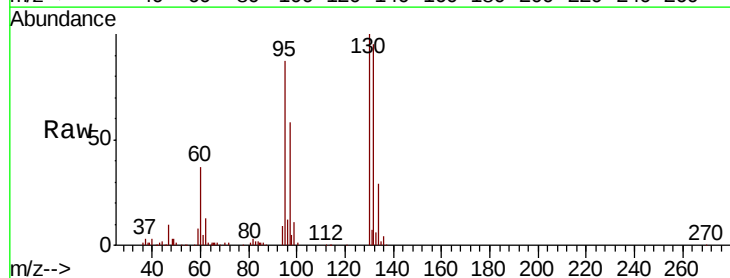
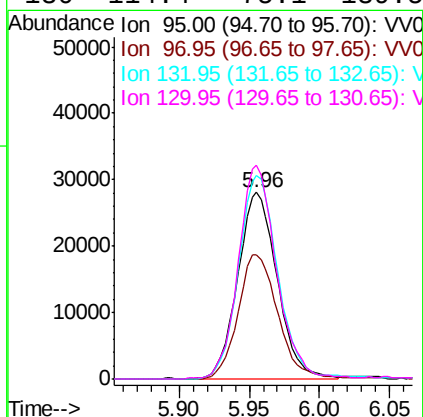
Instrument :
MSVOA_V
ClientSampleId :
B0AC5

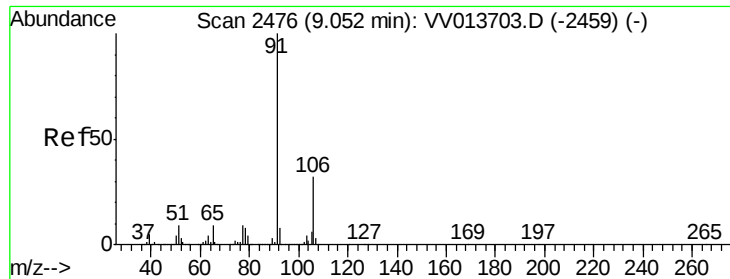
Tot Ion: 84 Resp: 4784
Ion Ratio Lower Upper
84 100
86 72.0 44.1 81.9
49 114.3 83.4 155.0



#34
Trichloroethene
Concen: 2.107 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VV013719.D
Acq: 21 Nov 2019 17:54

Tgt Ion: 95 Resp: 54996
Ion Ratio Lower Upper
95 100
97 66.6 44.8 83.2
132 109.1 72.9 135.3
130 114.4 75.1 139.5





#52

Ethylbenzene

Concen: 0.073 ug/L

RT: 9.05 min Scan# 2477

Delta R.T. 0.00 min

Lab File: VV013719.D

Acq: 21 Nov 2019 17:54

Instrument :

MSVOA_V

ClientSampleId :

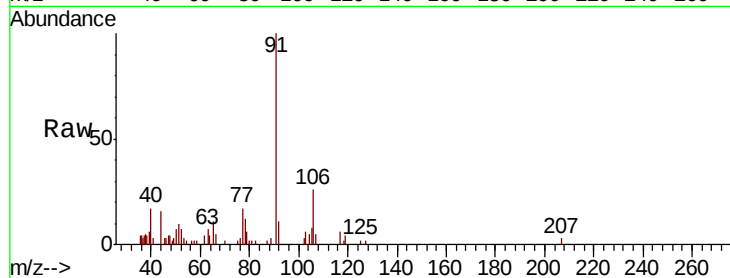
B0AC5

Tot Ion: 91 Resp: 8120

Ion Ratio Lower Upper

91 100

106 25.8 21.7 40.3

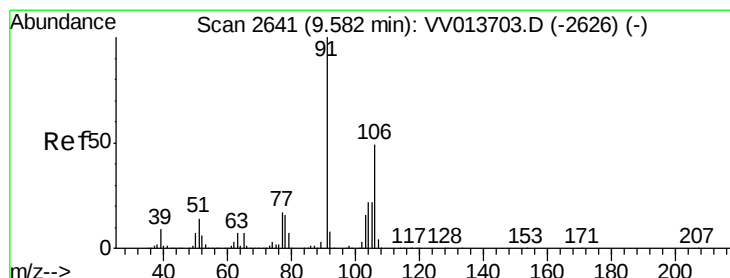
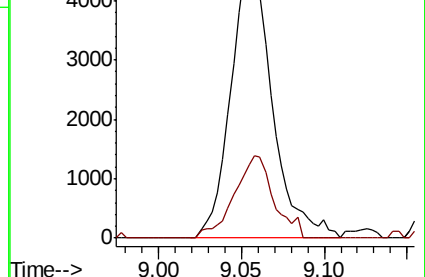
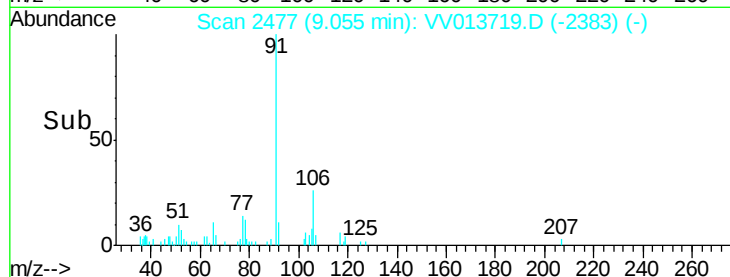


Abundance Ion 91.15 (90.85 to 91.85): VV013719.D (-2383) (-)

Ion 106.15 (105.85 to 106.85): VV013719.D (-2383) (-)

9.05

Time-->



#54

o-xylene

Concen: 0.087 ug/L

RT: 9.59 min Scan# 2642

Delta R.T. 0.00 min

Lab File: VV013719.D

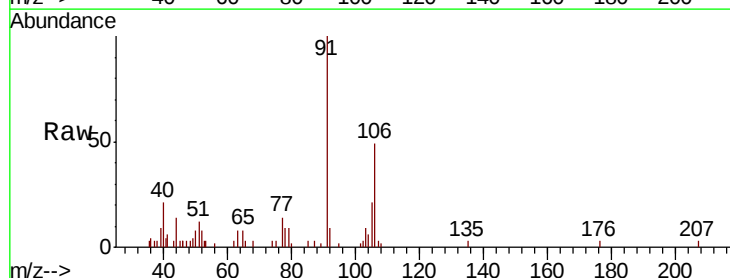
Acq: 21 Nov 2019 17:54

Tgt Ion: 106 Resp: 3503

Ion Ratio Lower Upper

106 100

91 205.1 146.9 272.7

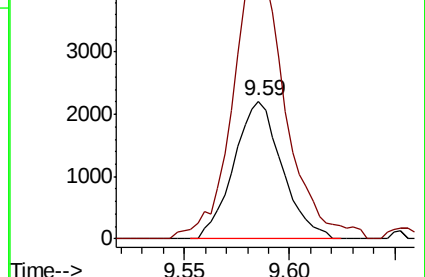
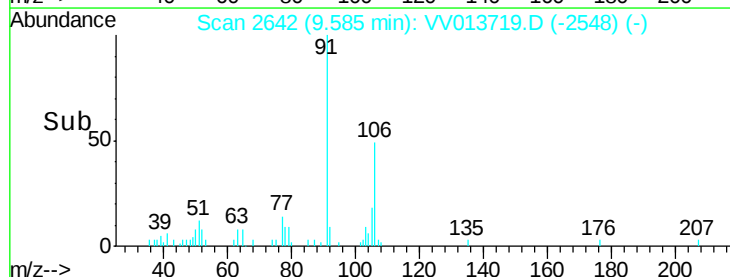


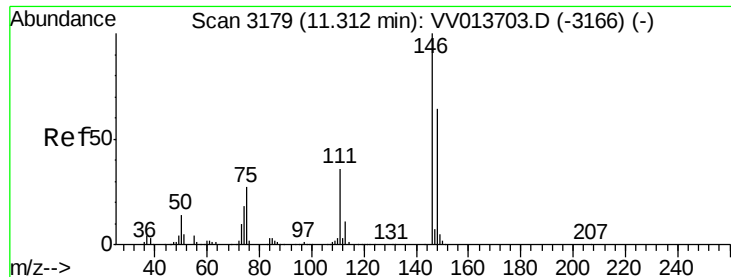
Abundance Ion 106.15 (105.85 to 106.85): VV013719.D (-2548) (-)

Ion 91.15 (90.85 to 91.85): VV013719.D (-2548) (-)

9.59

Time-->

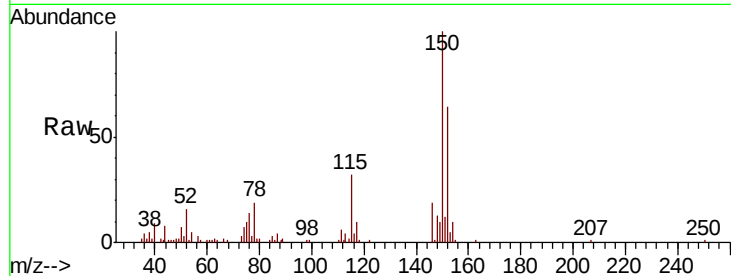




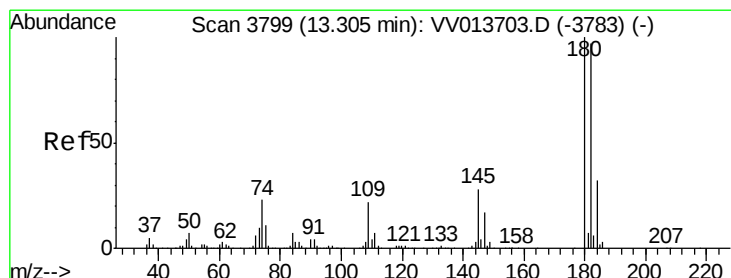
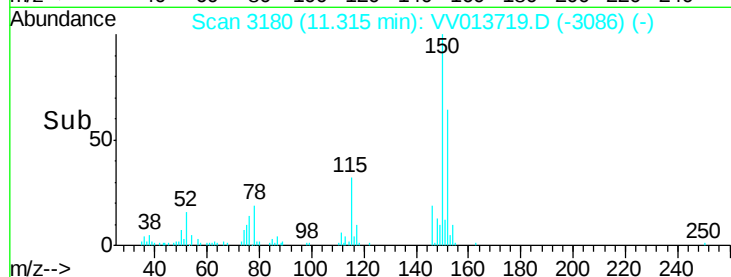
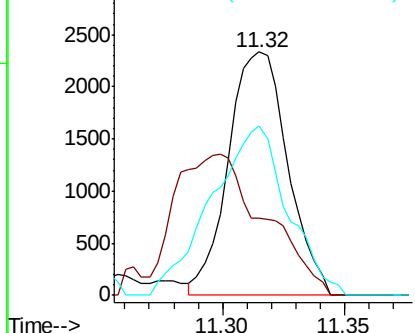
#63
 1,4-Dichlorobenzene
 Concen: 0.075 ug/L
 RT: 11.32 min Scan# 3180
 Delta R.T. 0.00 min
 Lab File: VV013719.D
 Acq: 21 Nov 2019 17:54

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AC5

Tot Ion:146 Resp: 3932
 Ion Ratio Lower Upper
 146 100
 111 31.5 25.6 47.6
 148 69.3 45.6 84.8

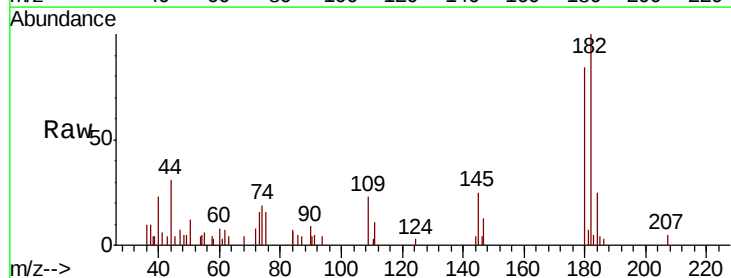


Abundance Ion 145.95 (145.65 to 146.65): V
 Ion 111.00 (110.70 to 111.70): V
 Ion 148.00 (147.70 to 148.70): V

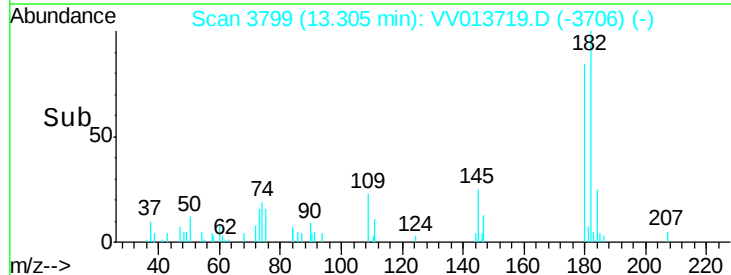
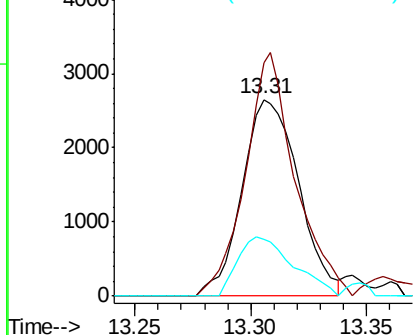


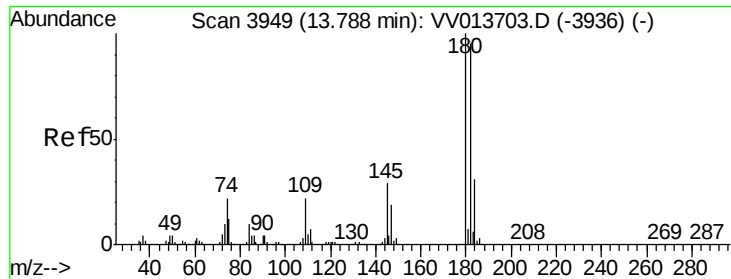
#68
 1,2,4-trichlorobenzene
 Concen: 0.128 ug/L
 RT: 13.31 min Scan# 3799
 Delta R.T. 0.00 min
 Lab File: VV013719.D
 Acq: 21 Nov 2019 17:54

Tgt Ion:180 Resp: 4494
 Ion Ratio Lower Upper
 180 100
 182 108.8 77.2 115.8
 145 29.6 22.6 33.8



Abundance Ion 179.90 (179.60 to 180.60): V
 Ion 182.00 (181.70 to 182.70): V
 Ion 144.95 (144.65 to 145.65): V





#70
 1,2,3-Trichlorobenzene
 Concen: 0.141 ug/L
 RT: 13.79 min Scan# 3950
 Delta R.T. 0.00 min
 Lab File: VV013719.D
 Acq: 21 Nov 2019 17:54

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AC5

Tot Ion	Ratio	Lower	Upper
180	100		
182	105.1	75.6	113.4
145	35.3	23.4	35.0

