

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV043019\
 Data File : VV010571.D
 Acq On : 30 Apr 2019 01:41
 Operator : SY/MD
 Sample : K2590-18
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XC5

Quant Time: Apr 30 07:58:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 30 06:45:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	227875	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	221602	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	103653	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	48172	4.35	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.00%
7) Chloroethane-d5	1.57	69	31722	5.35	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.00%
11) 1,1-Dichloroethene-d2	2.13	63	68036	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	3.94	46	122523	42.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.72%
24) Chloroform-d	4.40	84	119479	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.08	65	67789	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.00%
32) Benzene-d6	5.10	84	267059	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
36) 1,2-Dichloropropane-d6	6.12	67	76132	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	253390	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	27043	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.13	63	116112	46.16	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56823	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	112471	5.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.60%

Target Compounds

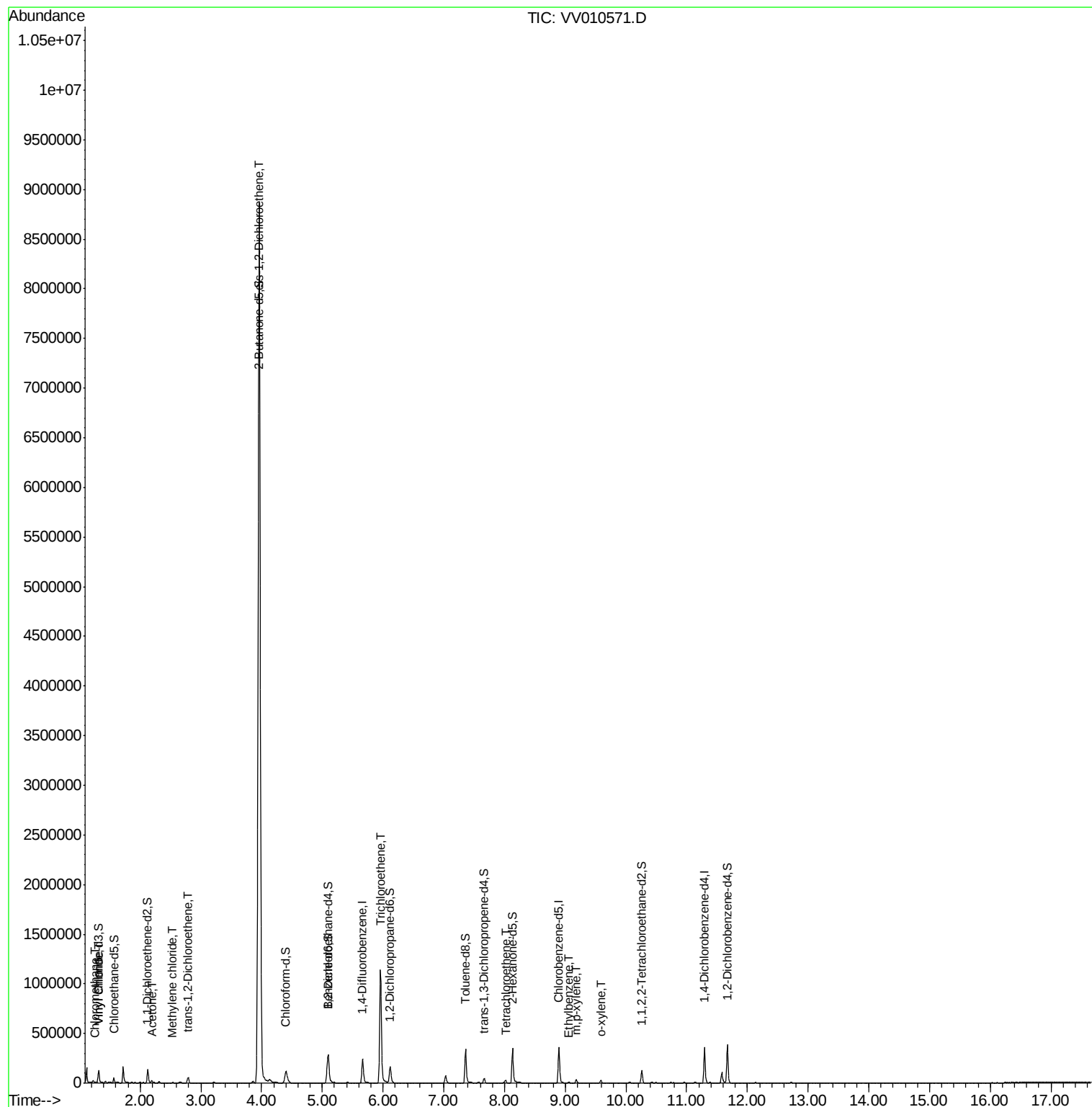
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.25	50	2741	0.226	ug/L	98
5) Vinyl chloride	1.33	62	12509	0.986	ug/L	90
13) Acetone	2.19	43	20155	14.153	ug/L	99
16) Methylene chloride	2.53	84	2516	0.151	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	23284	1.481	ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	5336896	314.530	ug/L	97
34) Trichloroethene	5.96	95	387445	23.218	ug/L	98
47) Tetrachloroethene	8.01	164	7426	0.476	ug/L	94
52) Ethylbenzene	9.05	91	6448	0.097	ug/L	97
53) m,p-xylene	9.18	106	9989	0.384	ug/L	94
54) o-xylene	9.59	106	7912	0.311	ug/L	91

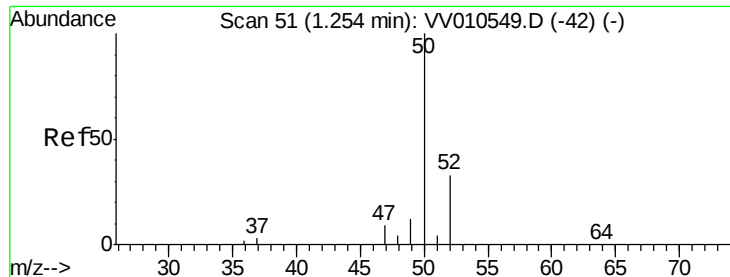
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 30 06:45:30 2019
Response via : Initial Calibration





#3

Chloromethane

Concen: 0.226 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

Lab File: VV010571.D

Acq: 30 Apr 2019 01:41

Instrument :

MSVOA_V

ClientSampled :

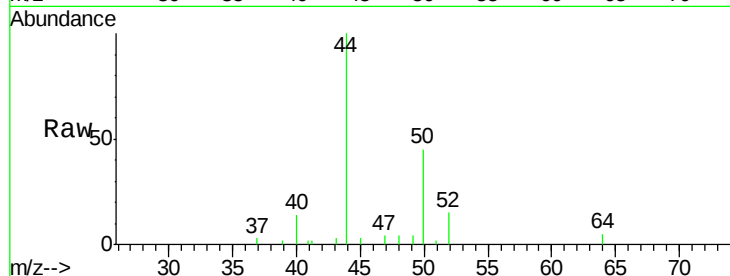
C0XC5

Tot Ion: 50 Resp: 2741

Ion Ratio Lower Upper

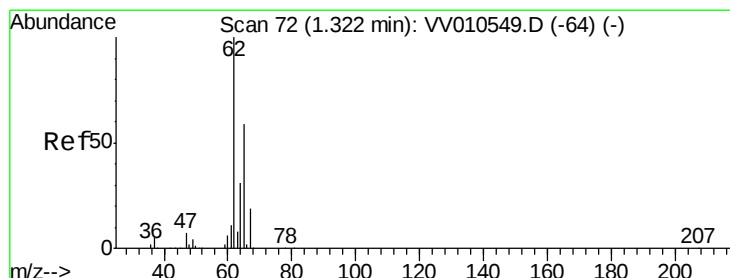
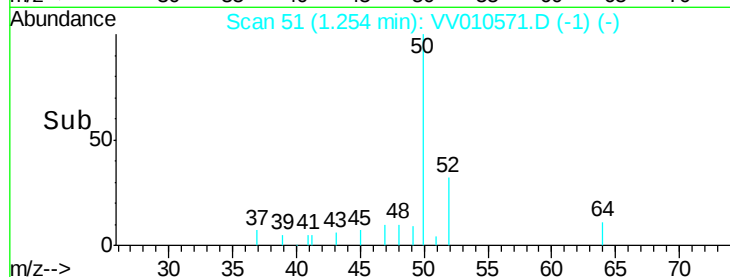
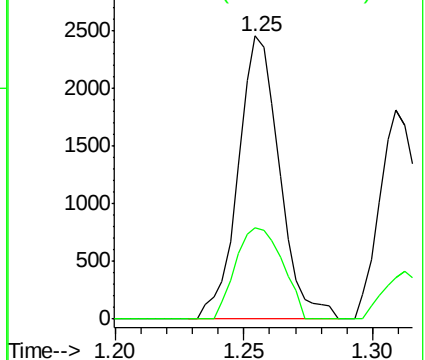
50 100

52 32.3 23.3 43.3



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#5

Vinyl chloride

Concen: 0.986 ug/L

RT: 1.33 min Scan# 73

Delta R.T. 0.00 min

Lab File: VV010571.D

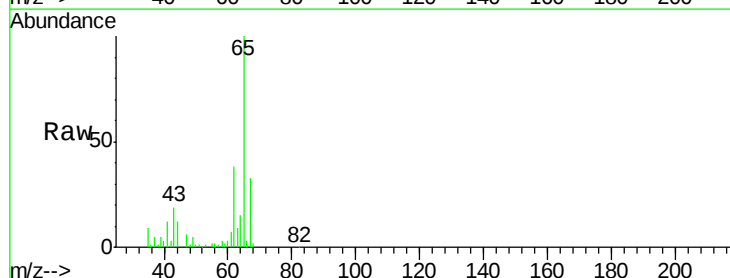
Acq: 30 Apr 2019 01:41

Tgt Ion: 62 Resp: 12509

Ion Ratio Lower Upper

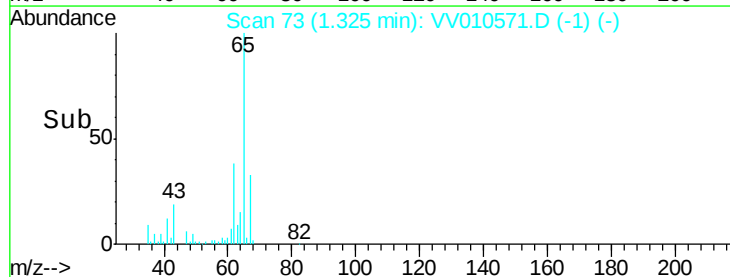
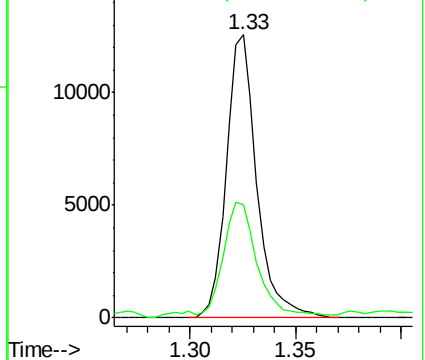
62 100

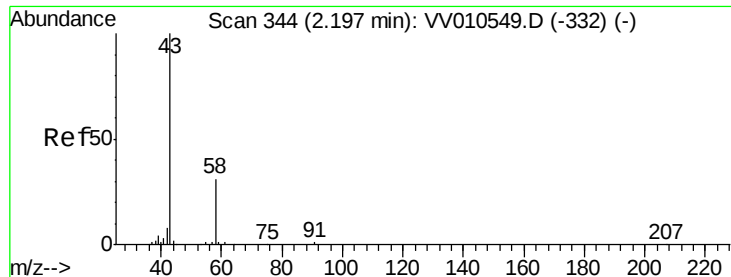
64 39.9 23.9 44.5



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0





#13

Acetone

Concen: 14.153 ug/L

RT: 2.19 min Scan# 342

Delta R.T. -0.01 min

Lab File: VV010571.D

Acq: 30 Apr 2019 01:41

Instrument :

MSVOA_V

ClientSampled :

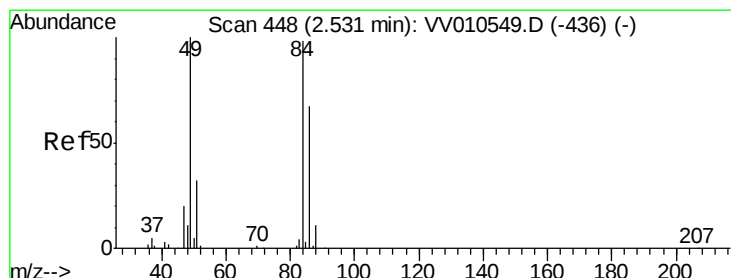
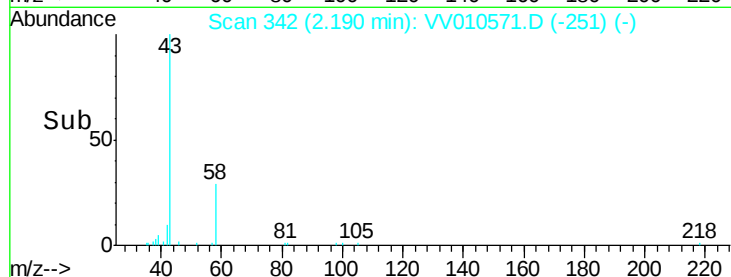
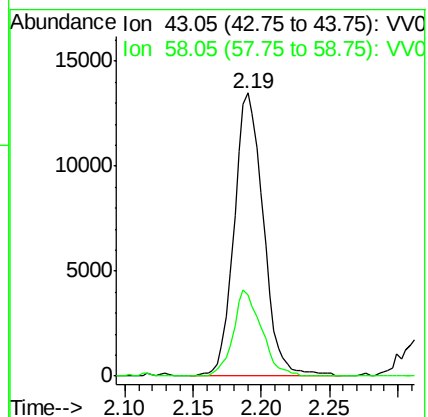
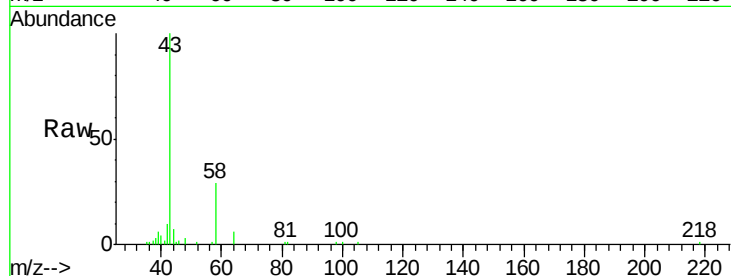
C0XC5

Tot Ion: 43 Resp: 20155

Ion Ratio Lower Upper

43 100

58 29.4 0.0 57.4



#16

Methylene chloride

Concen: 0.151 ug/L

RT: 2.53 min Scan# 449

Delta R.T. 0.00 min

Lab File: VV010571.D

Acq: 30 Apr 2019 01:41

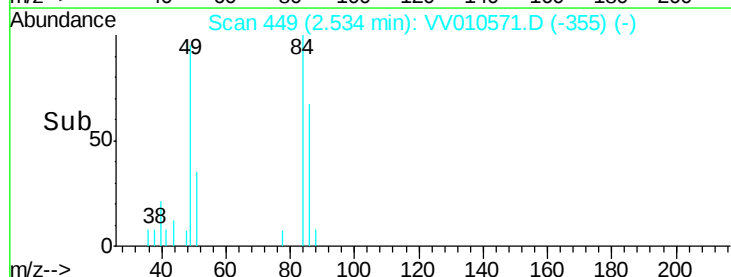
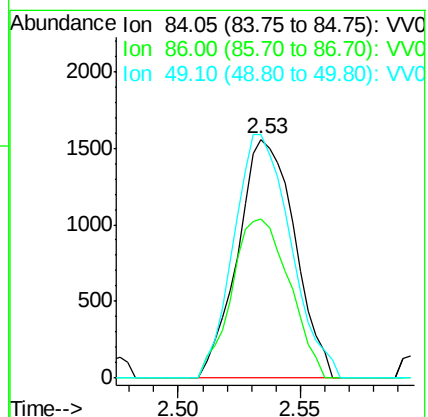
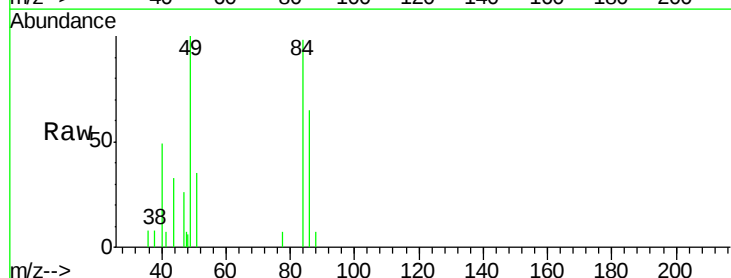
Tgt Ion: 84 Resp: 2516

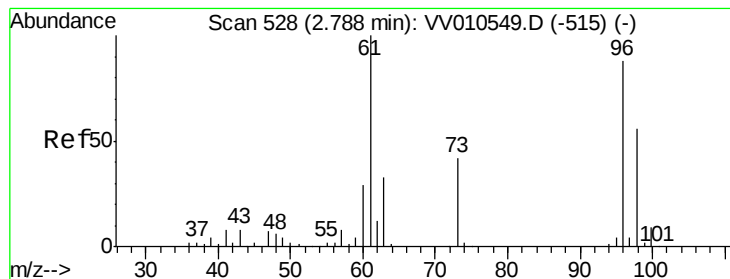
Ion Ratio Lower Upper

84 100

86 66.7 43.7 81.1

49 101.9 71.4 132.6





#18

trans-1,2-Dichloroethene

Concen: 1.481 ug/L

RT: 2.79 min Scan# 529

Delta R.T. 0.00 min

Lab File: VV010571.D

Acq: 30 Apr 2019 01:41

Instrument :

MSVOA_V

ClientSampleId :

C0XC5

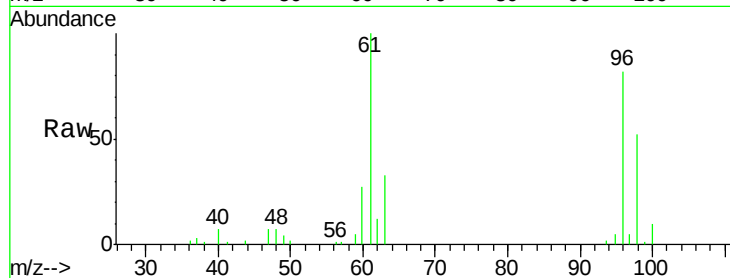
Tot Ion: 96 Resp: 23284

Ion Ratio Lower Upper

96 100

61 121.8 80.2 148.9

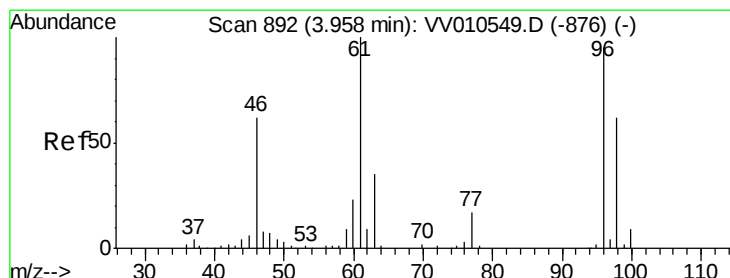
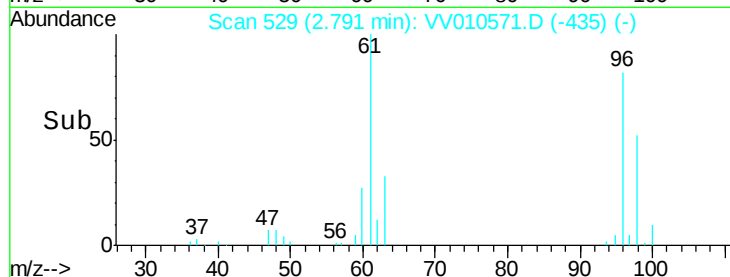
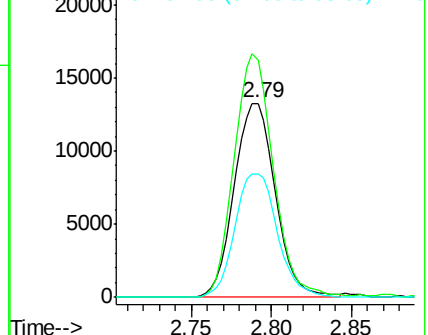
98 63.6 43.3 80.3



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 97.95 (97.65 to 98.65): VV0



#22

cis-1,2-Dichloroethene

Concen: 314.530 ug/L

RT: 3.96 min Scan# 893

Delta R.T. 0.00 min

Lab File: VV010571.D

Acq: 30 Apr 2019 01:41

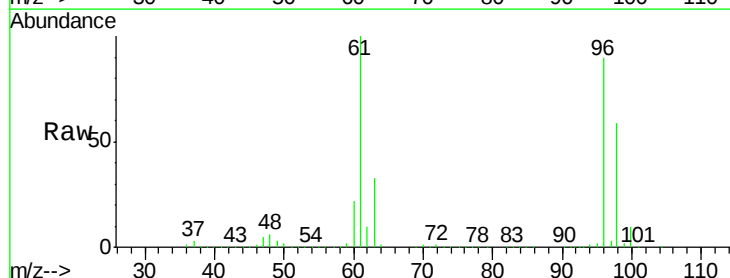
Tgt Ion: 96 Resp: 5336896

Ion Ratio Lower Upper

96 100

61 110.8 79.9 148.3

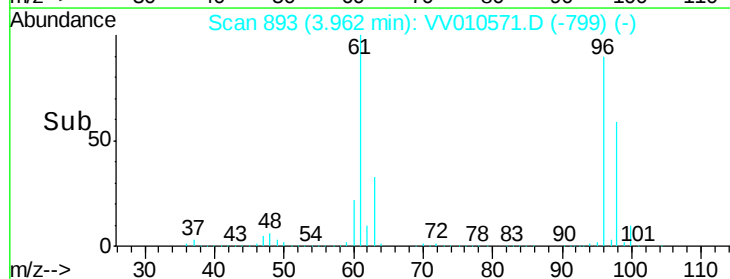
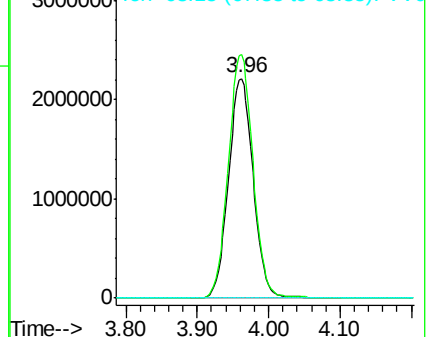
68 0.0 0.0 0.0

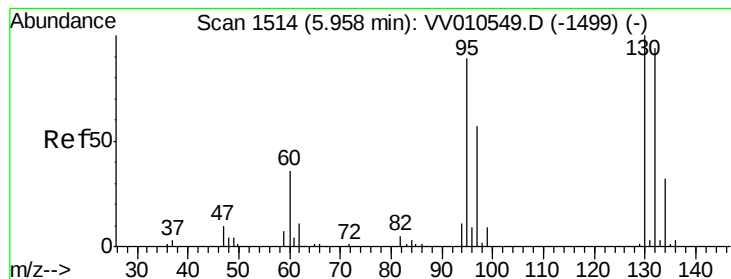


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0





#34

Trichloroethene

Concen: 23.218 ug/L

RT: 5.96 min Scan# 1514

Delta R.T. -0.00 min

Lab File: VV010571.D

Acq: 30 Apr 2019 01:41

Instrument :

MSVOA_V

ClientSampleId :

C0XC5

Tot Ion: 95 Resp: 387445

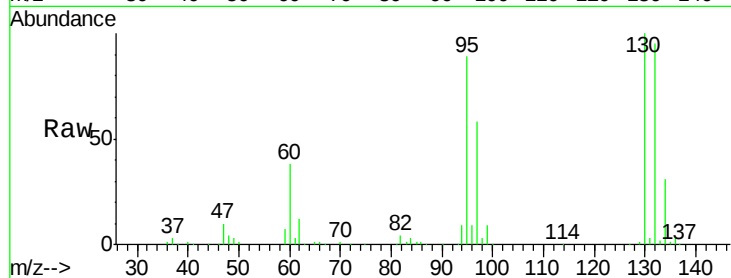
Ion Ratio Lower Upper

95 100

97 64.7 43.3 80.5

132 106.7 74.1 137.5

130 112.2 79.5 147.6

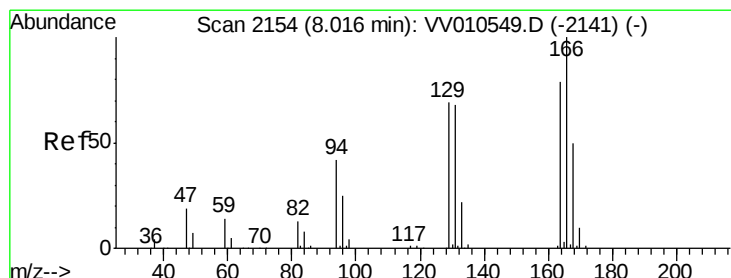
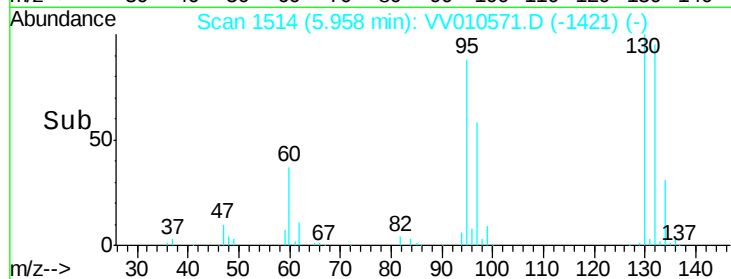
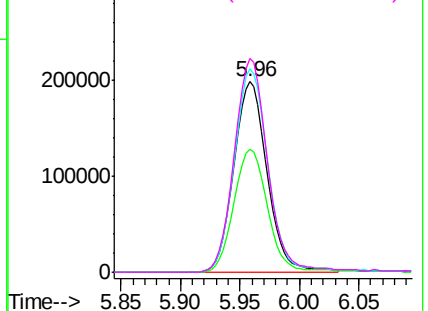


Abundance Ion 95.00 (94.70 to 95.70): VV0

Ion 96.95 (96.65 to 97.65): VV0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V



#47

Tetrachloroethene

Concen: 0.476 ug/L

RT: 8.01 min Scan# 2153

Delta R.T. -0.00 min

Lab File: VV010571.D

Acq: 30 Apr 2019 01:41

Tgt Ion:164 Resp: 7426

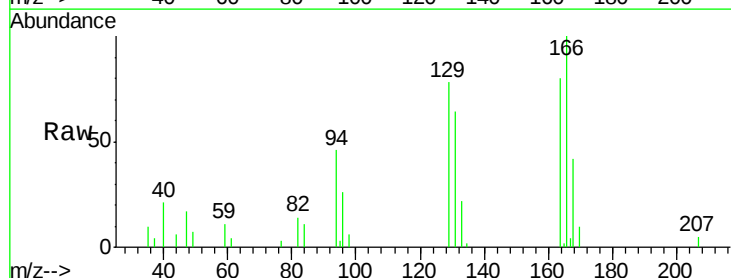
Ion Ratio Lower Upper

164 100

129 97.2 62.2 115.4

131 80.5 61.5 114.1

166 124.8 89.1 165.5

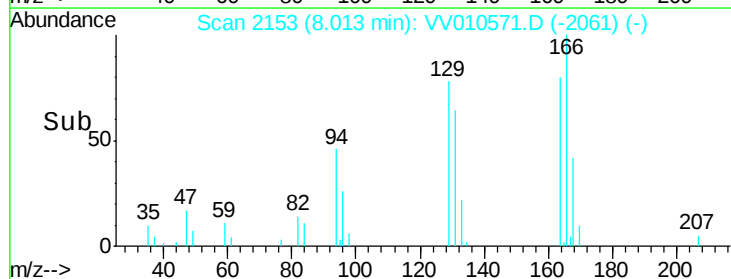
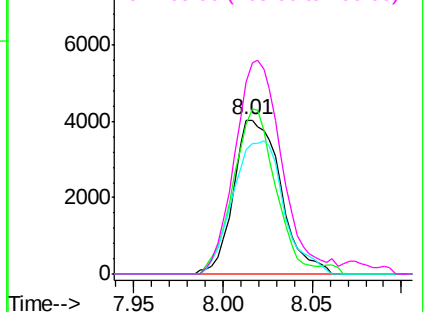


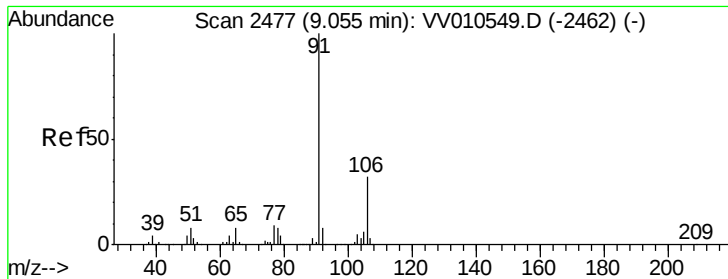
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

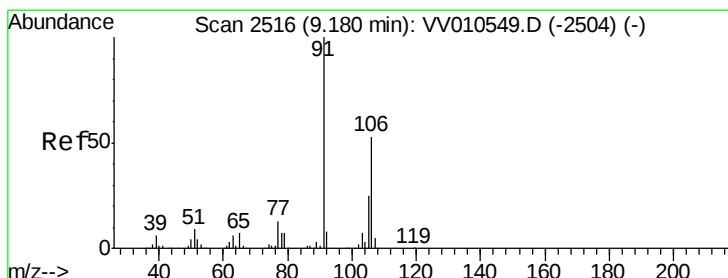
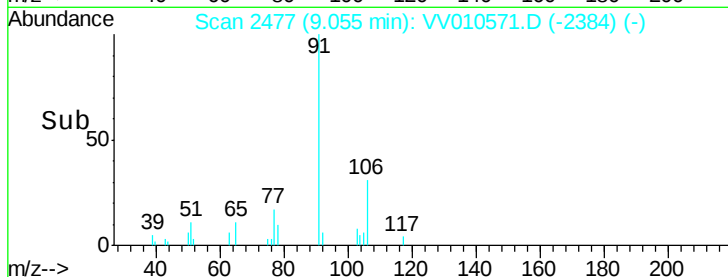
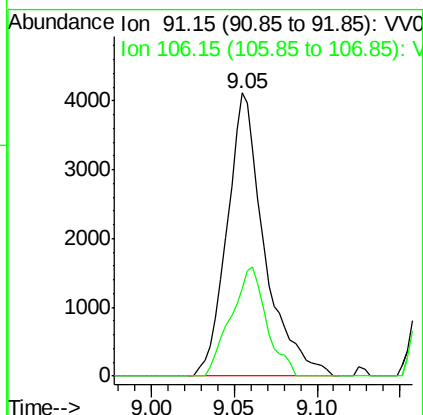
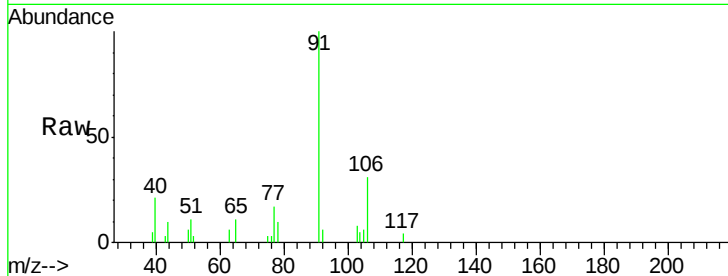




#52
Ethylbenzene
Concen: 0.097 ug/L
RT: 9.05 min Scan# 2477
Delta R.T. -0.00 min
Lab File: VV010571.D
Acq: 30 Apr 2019 01:41

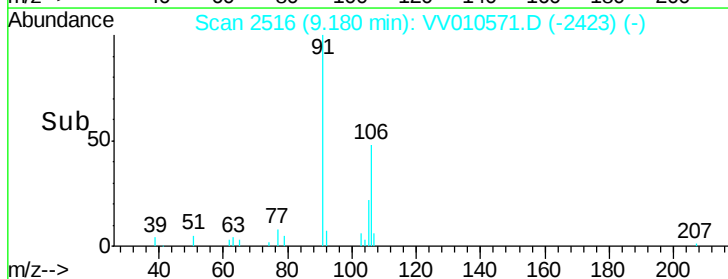
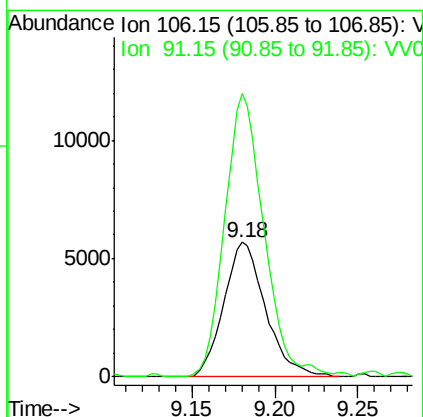
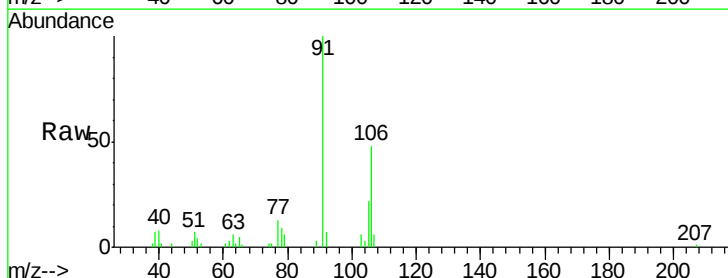
Instrument :
MSVOA_V
ClientSampleId :
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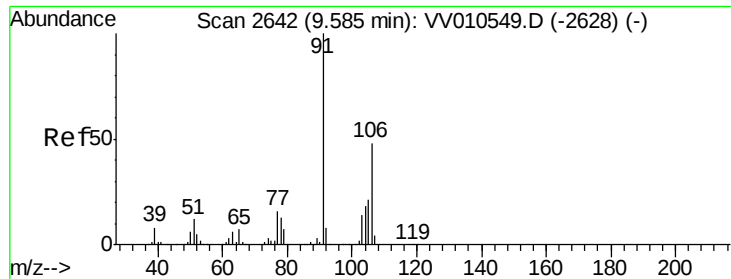
Tot Ion: 91 Resp: 6448
Ion Ratio Lower Upper
91 100
106 31.0 23.0 42.6



#53
m,p-xylene
Concen: 0.384 ug/L
RT: 9.18 min Scan# 2516
Delta R.T. -0.00 min
Lab File: VV010571.D
Acq: 30 Apr 2019 01:41

Tgt Ion: 106 Resp: 9989
Ion Ratio Lower Upper
106 100
91 210.5 140.5 260.9





#54
 o-xylene
 Concen: 0.311 ug/L
 RT: 9.59 min Scan# 2643
 Delta R.T. 0.00 min
 Lab File: VV010571.D
 Acq: 30 Apr 2019 01:41

Instrument :
 MSVOA_V
 ClientSampleId :
 C0XC5

Tot Ion:106 Resp: 7912
 Ion Ratio Lower Upper
 106 100
 91 195.3 146.4 272.0

