

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112519\
 Data File : VV013774.D
 Acq On : 25 Nov 2019 18:56
 Operator : SY/MD
 Sample : K6004-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AE4

Quant Time: Nov 26 07:21:10 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 26 04:36:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	340853	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	339273	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	156424	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	92230	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	86914	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.00%
11) 1,1-Dichloroethene-d2	2.13	63	145799	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	82.20%
20) 2-Butanone-d5	3.92	46	230648	52.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.18%
24) Chloroform-d	4.40	84	208097	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	102643	5.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.40%
32) Benzene-d6	5.09	84	390035	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
36) 1,2-Dichloropropane-d6	6.11	67	120682	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	334265	4.07	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.40%
43) trans-1,3-Dichloropropene-	7.66	79	38209	3.76	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	75.20%
46) 2-Hexanone-d5	8.13	63	168117	44.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.78%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	95855	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	140969	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

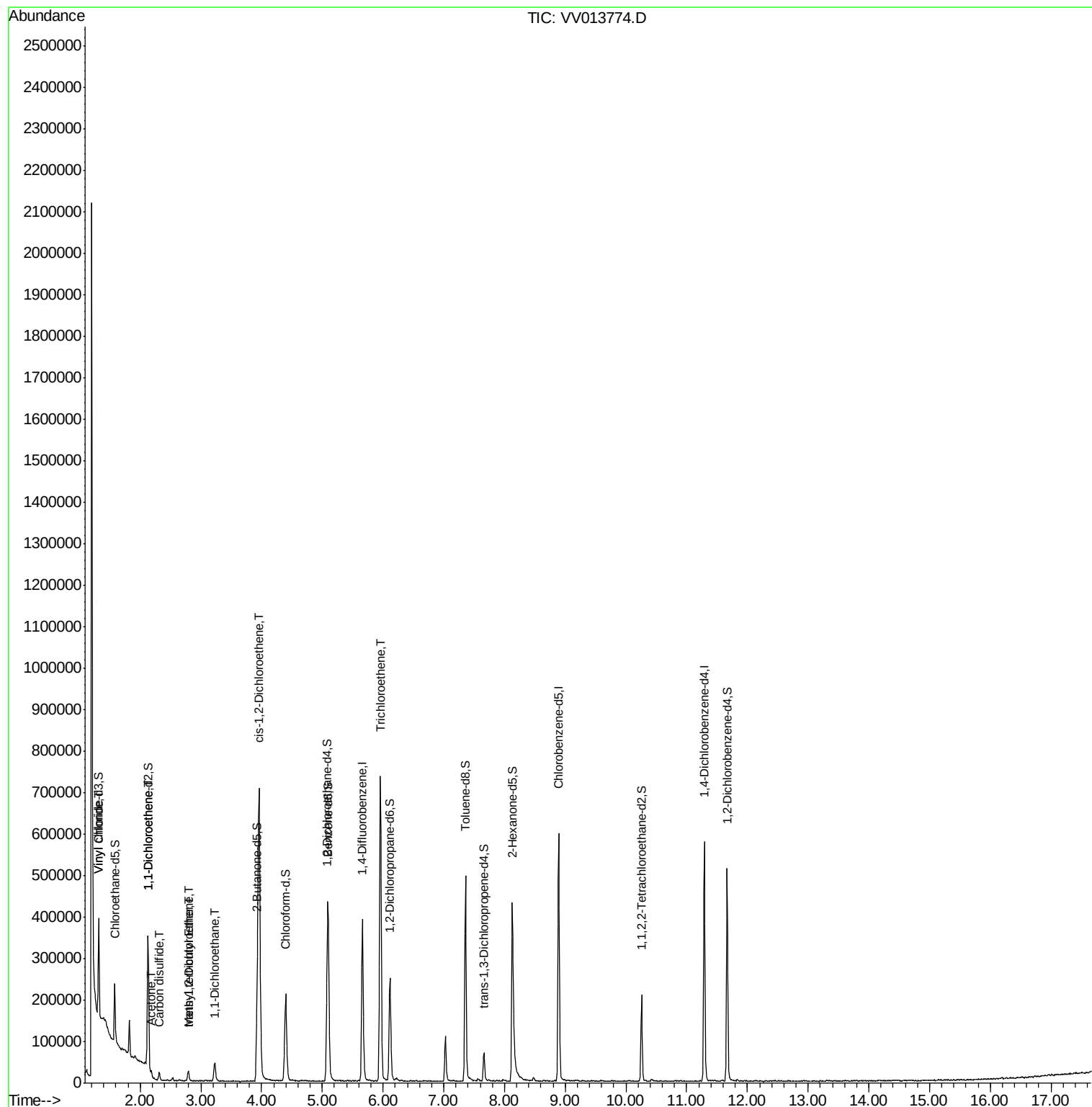
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	50604	2.485	ug/L #	1
12) 1,1-Dichloroethene	2.14	96	34565	2.109	ug/L #	62
13) Acetone	2.19	43	9272	3.023	ug/L #	41
14) Carbon disulfide	2.32	76	20918	0.553	ug/L	99
17) Methyl tert-butyl Ether	2.80	73	2790	0.062	ug/L #	91
18) trans-1,2-Dichloroethene	2.79	96	7868	0.425	ug/L	95
19) 1,1-Dichloroethane	3.23	63	44548	1.206	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	389726	17.959	ug/L #	97
34) Trichloroethene	5.96	95	256252	11.162	ug/L	97

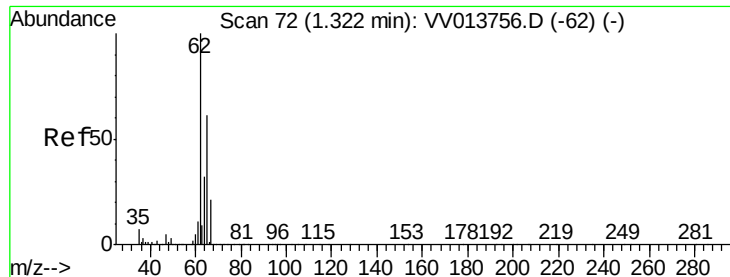
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.485 ug/L

RT: 1.32 min Scan# 72

Delta R.T. 0.00 min

Lab File: VV013774.D

Acq: 25 Nov 2019 18:56

Instrument :

MSVOA_V

ClientSampleId :

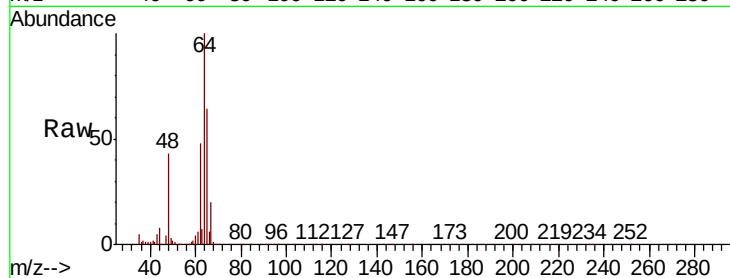
B0AE4

Tot Ion: 62 Resp: 50604

Ion Ratio Lower Upper

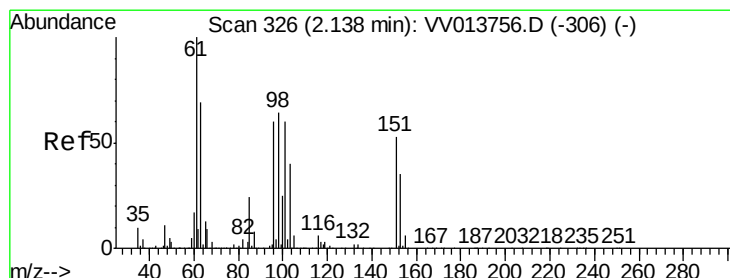
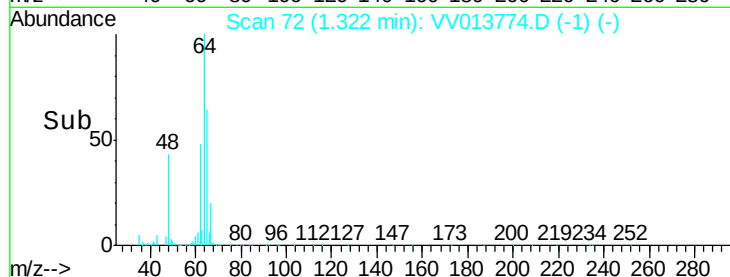
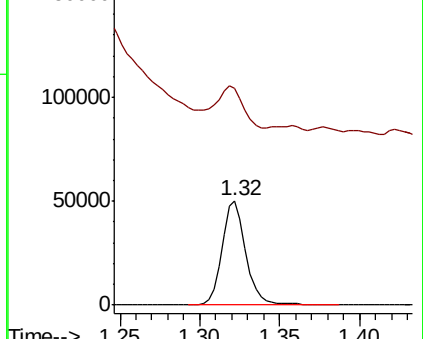
62 100

64 207.8 23.3 43.3#



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0



#12

1,1-Dichloroethene

Concen: 2.109 ug/L

RT: 2.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VV013774.D

Acq: 25 Nov 2019 18:56

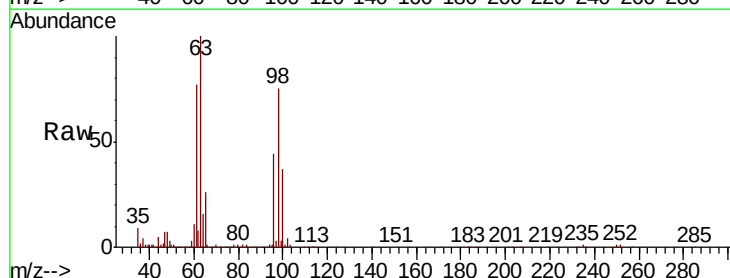
Tgt Ion: 96 Resp: 34565

Ion Ratio Lower Upper

96 100

61 175.6 116.3 215.9

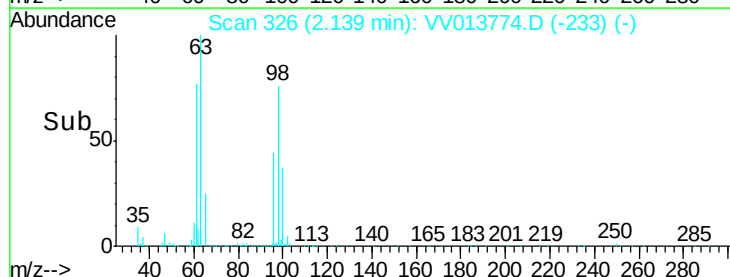
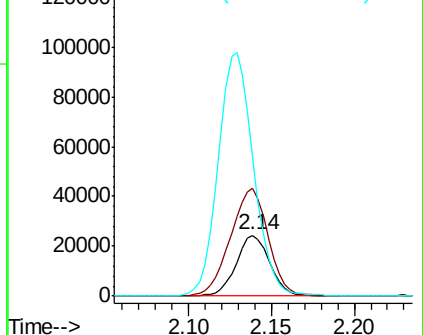
63 228.8 96.7 179.7#

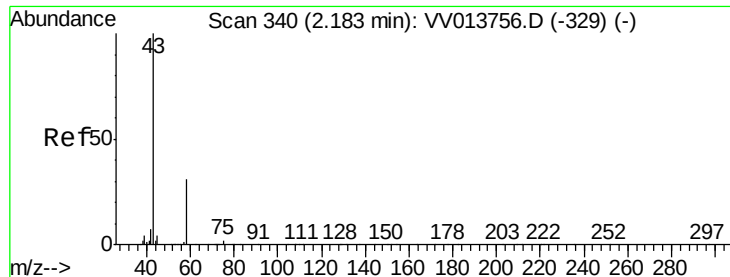


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0





#13

Acetone

Concen: 3.023 ug/L

RT: 2.19 min Scan# 341

Delta R.T. 0.00 min

Lab File: VV013774.D

Acq: 25 Nov 2019 18:56

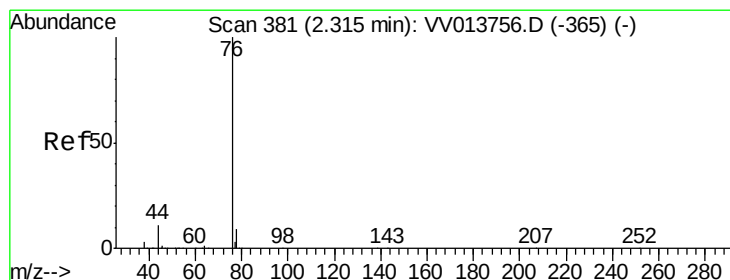
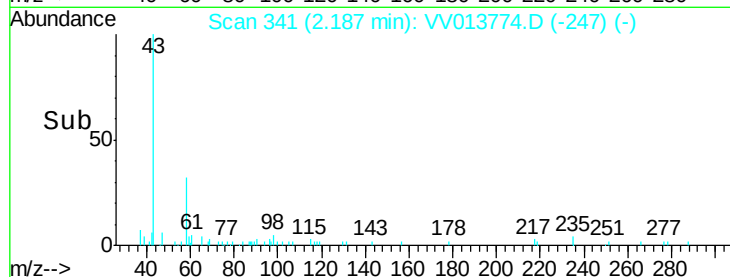
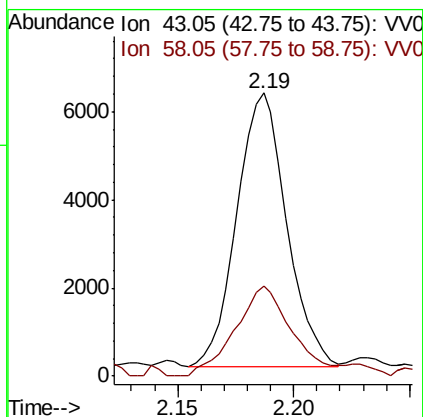
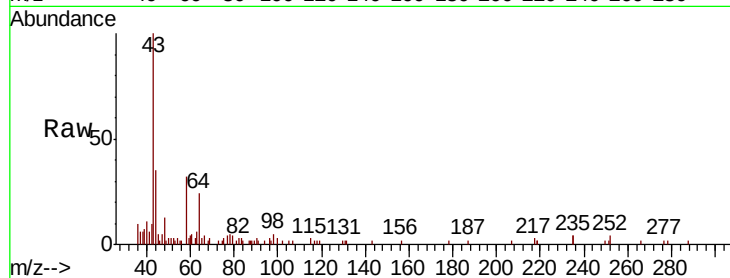
Instrument :
MSVOA_V
ClientSampleId :
B0AE4

Tot Ion: 43 Resp: 9272

Ion Ratio Lower Upper

43 100

58 37.4 0.0 27.2#



#14

Carbon disulfide

Concen: 0.553 ug/L

RT: 2.32 min Scan# 381

Delta R.T. 0.00 min

Lab File: VV013774.D

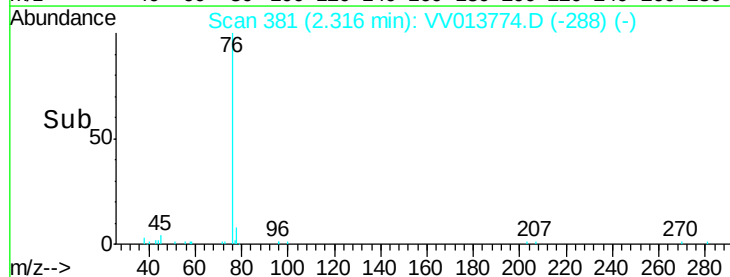
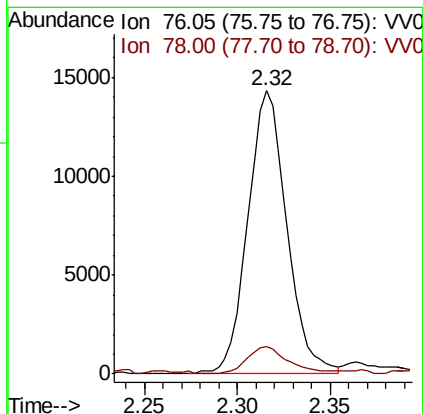
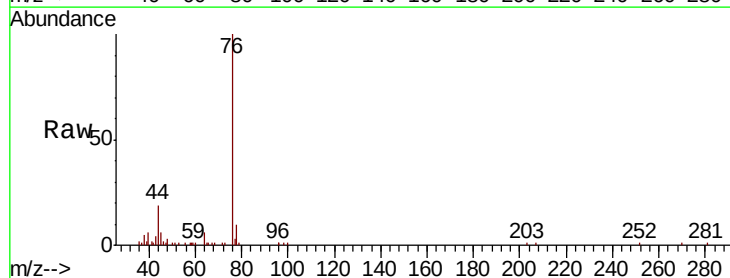
Acq: 25 Nov 2019 18:56

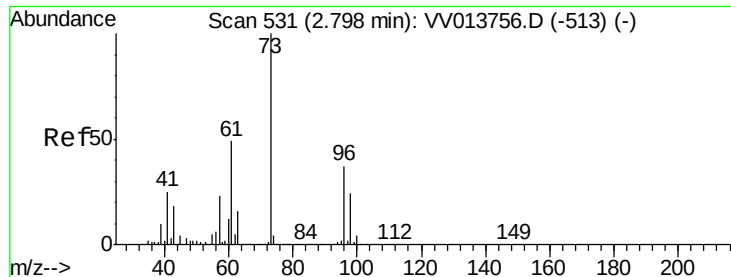
Tgt Ion: 76 Resp: 20918

Ion Ratio Lower Upper

76 100

78 9.7 7.5 11.3

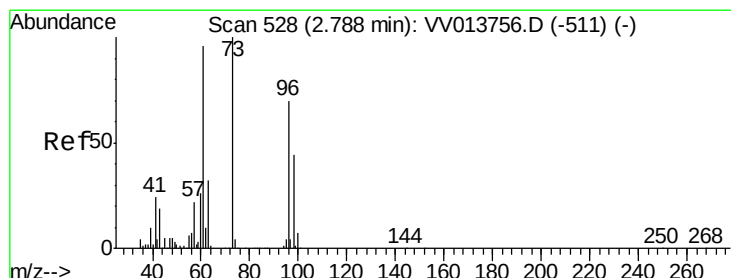
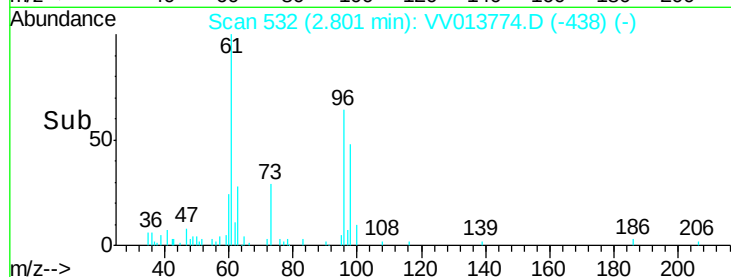
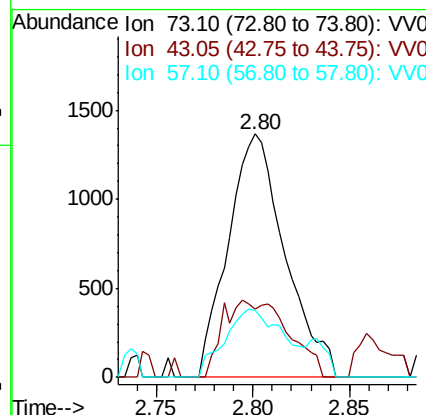
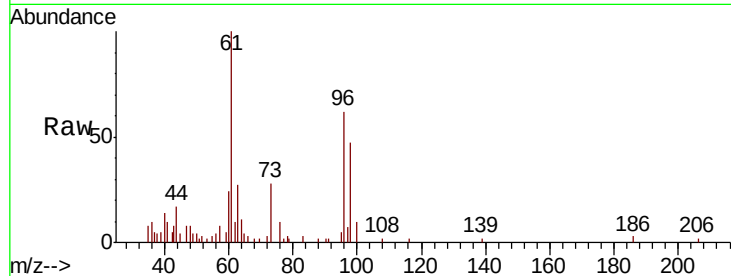




#17
Methyl tert-butyl Ether
Concen: 0.062 ug/L
RT: 2.80 min Scan# 532
Delta R.T. 0.00 min
Lab File: VV013774.D
Acq: 25 Nov 2019 18:56

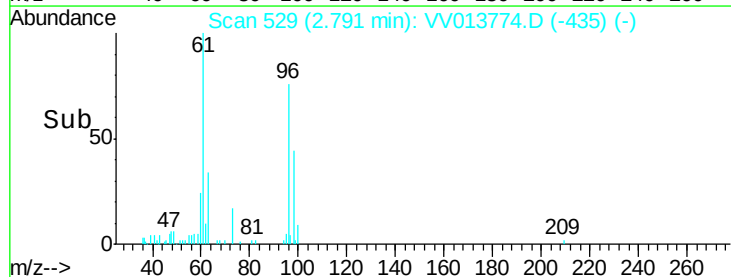
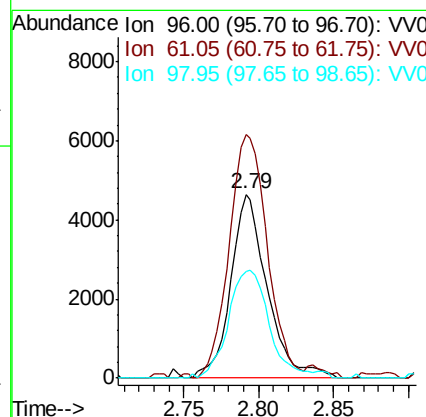
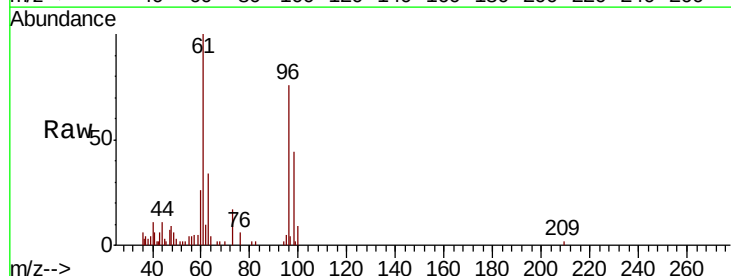
Instrument :
MSVOA_V
ClientSampleId :
B0AE4

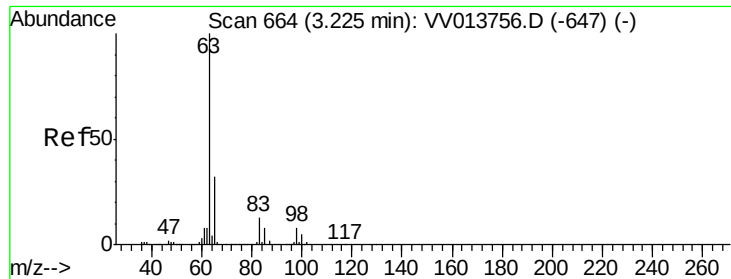
Tot Ion: 73 Resp: 2790
Ion Ratio Lower Upper
73 100
43 18.4 15.5 23.3
57 29.3 17.5 26.3#



#18
trans-1,2-Dichloroethene
Concen: 0.425 ug/L
RT: 2.79 min Scan# 529
Delta R.T. 0.00 min
Lab File: VV013774.D
Acq: 25 Nov 2019 18:56

Tgt Ion: 96 Resp: 7868
Ion Ratio Lower Upper
96 100
61 132.4 95.1 176.7
98 58.0 46.5 86.3





#19

1,1-Dichloroethane

Concen: 1.206 ug/L

RT: 3.23 min Scan# 665

Delta R.T. 0.00 min

Lab File: VV013774.D

Acq: 25 Nov 2019 18:56

Instrument :

MSVOA_V

ClientSampleId :

B0AE4

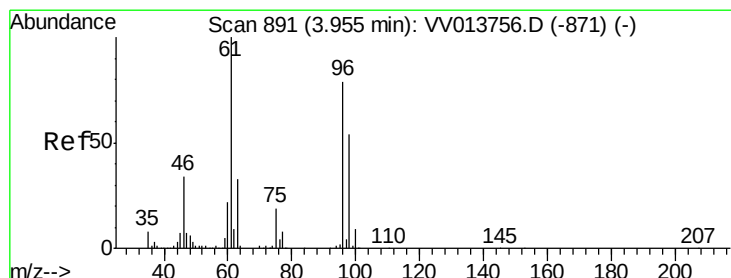
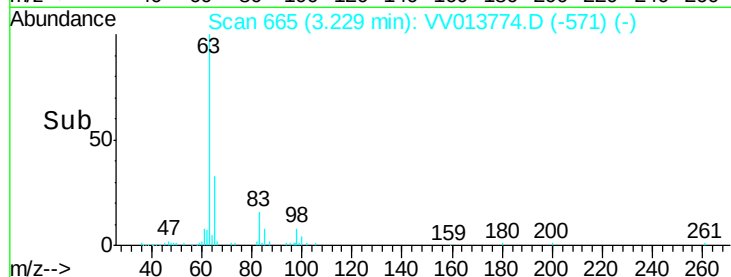
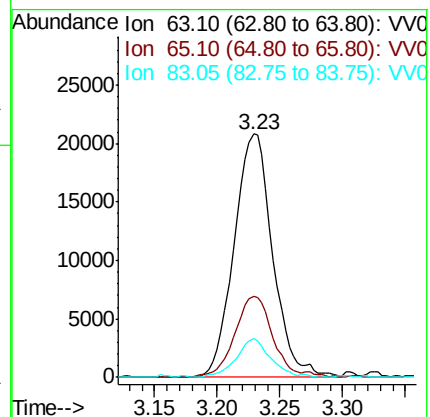
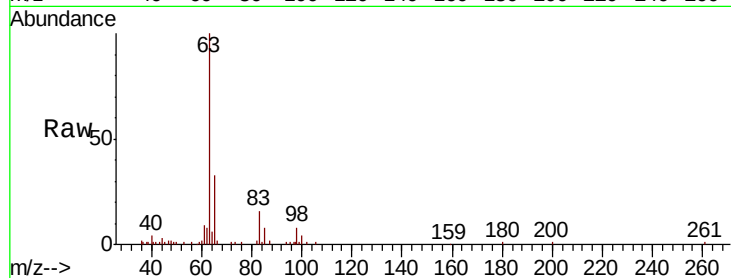
Tot Ion: 63 Resp: 44548

Ion Ratio Lower Upper

63 100

65 33.4 22.7 42.1

83 15.8 9.2 17.2



#22

cis-1,2-Dichloroethene

Concen: 17.959 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV013774.D

Acq: 25 Nov 2019 18:56

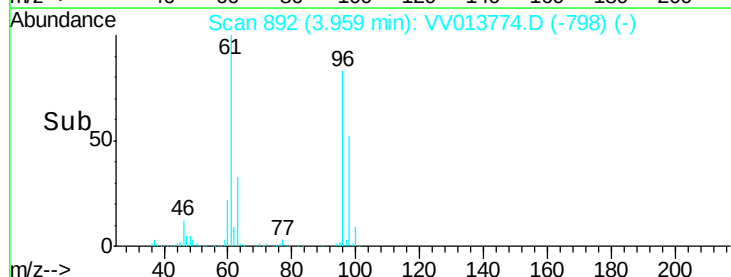
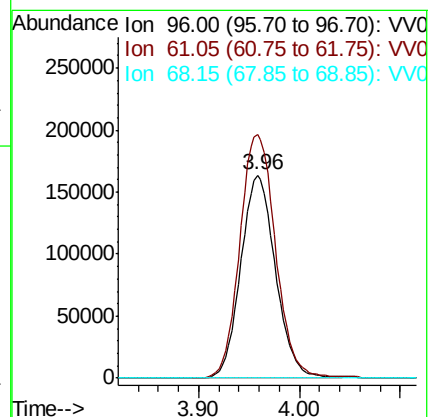
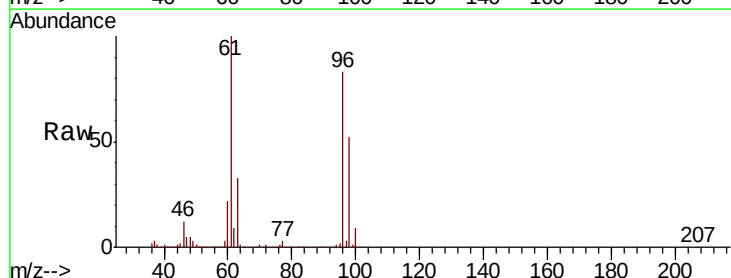
Tgt Ion: 96 Resp: 389726

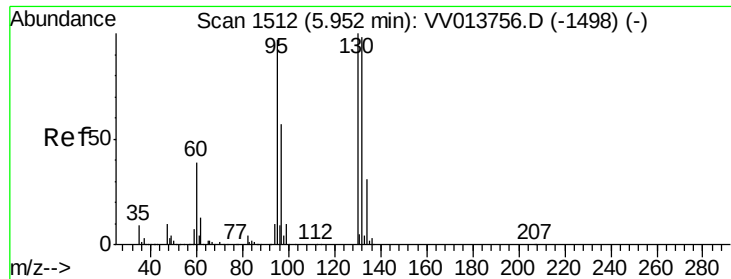
Ion Ratio Lower Upper

96 100

61 120.0 86.1 159.9

68 0.1 0.0 0.0#





#34

Trichloroethene

Concen: 11.162 ug/L

RT: 5.96 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VV013774.D

Acq: 25 Nov 2019 18:56

Instrument :

MSVOA_V

ClientSampleId :

B0AE4

Tot Ion: 95 Resp: 256252

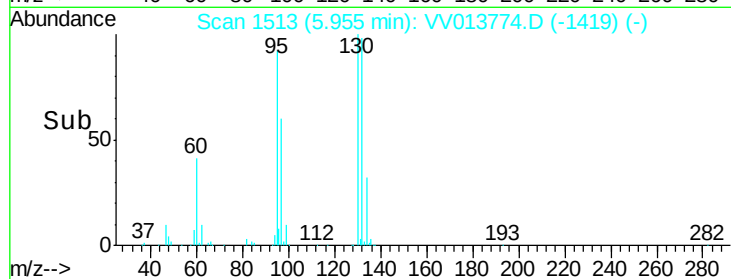
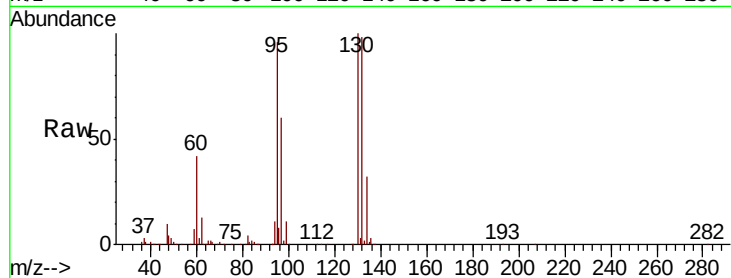
Ion Ratio Lower Upper

95 100

97 62.4 45.6 84.8

132 102.3 70.5 130.9

130 104.7 75.9 140.9



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

