

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV042720\
 Data File : VV015735.D
 Acq On : 27 Apr 2020 17:33
 Operator : SY/MD
 Sample : L2413-10DL 5X
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 28 02:21:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Apr 28 02:16:08 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	134148	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	130024	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	61471	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	25834	3.69	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.80%
7) Chloroethane-d5	1.58	69	28701	4.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.00%
11) 1,1-Dichloroethene-d2	2.12	63	45961	3.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.00%
20) 2-Butanone-d5	3.93	46	119898	53.26	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.52%
24) Chloroform-d	4.38	84	77183	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
26) 1,2-Dichloroethane-d4	5.06	65	46232	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.08	84	143544	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
36) 1,2-Dichloropropane-d6	6.09	67	47100	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.34	98	129769	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.65	79	14332	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.11	63	85832	45.90	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.80%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	35805	4.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.00%
64) 1,2-Dichlorobenzene-d4	11.65	152	50710	4.85	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.00%

Target Compounds

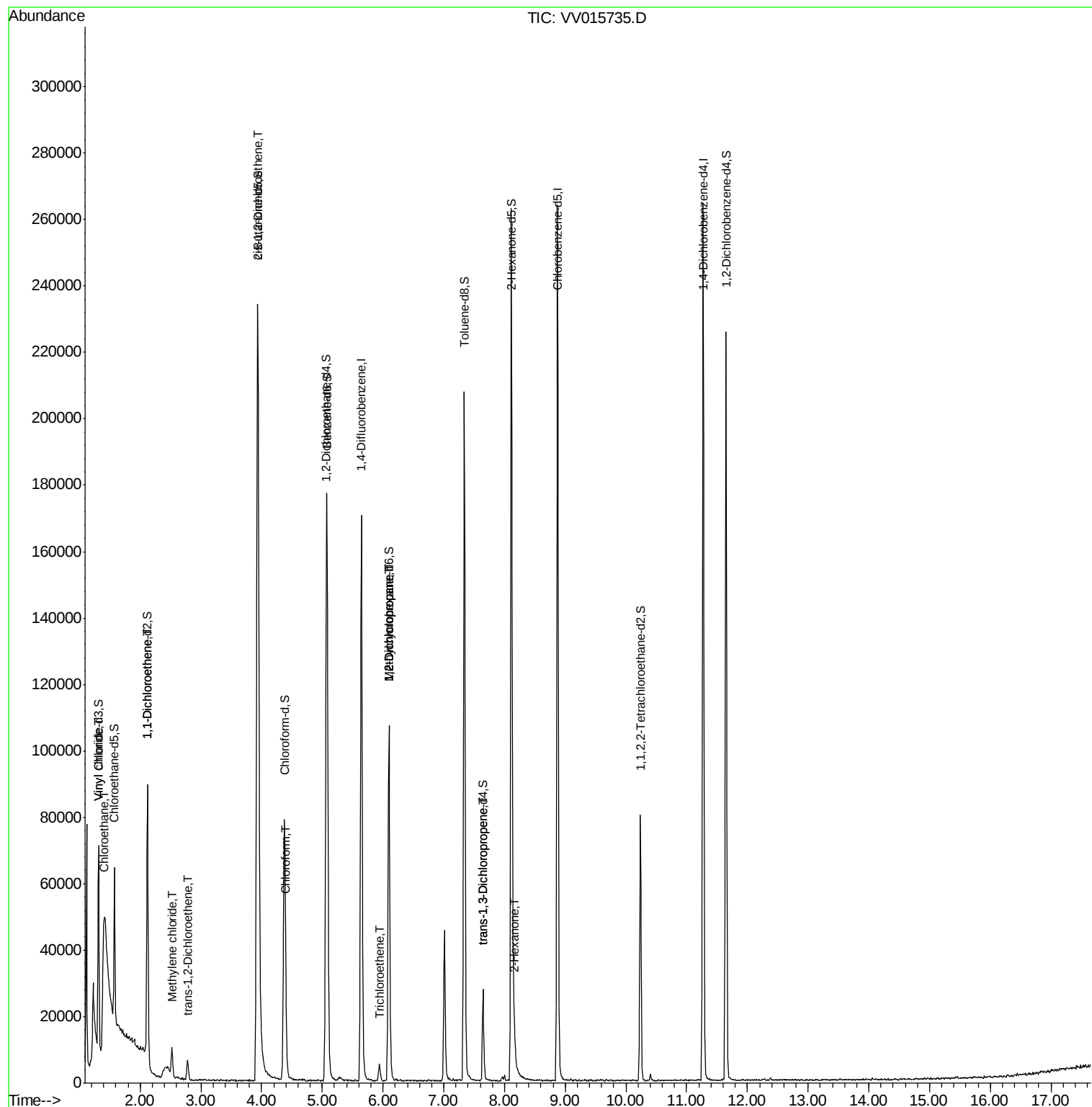
					Ovalue
5) Vinyl chloride	1.32	62	9139	0.861	ug/L # 44
8) Chloroethane	1.41	64	177638	25.476	ug/L # 52
12) 1,1-Dichloroethene	2.13	96	735	0.094	ug/L # 1
16) Methylene chloride	2.52	84	3085	0.320	ug/L 90
18) trans-1,2-Dichloroethene	2.78	96	1927	0.220	ug/L 98
22) cis-1,2-Dichloroethene	3.94	96	93176	9.640	ug/L 99
25) Chloroform	4.41	83	2573	0.141	ug/L 98
34) Trichloroethene	5.94	95	1213	0.118	ug/L # 79
35) Methylcyclohexane	6.10	83	11736	0.745	ug/L # 15
37) 1,2-Dichloropropane	6.09	63	6435	0.681	ug/L # 86
44) trans-1,3-Dichloropropene	7.65	75	727	0.066	ug/L # 79
48) 2-Hexanone	8.17	43	4937	1.130	ug/L # 82

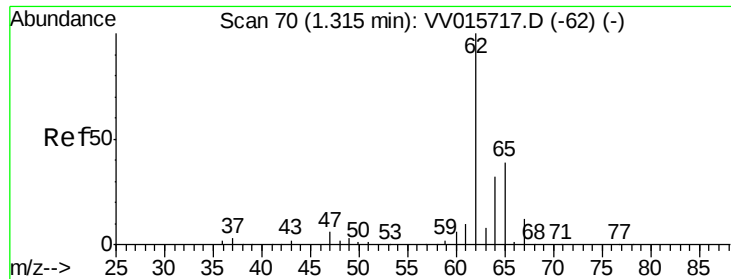
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Apr 28 02:16:08 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 0.861 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV015735.D

Acq: 27 Apr 2020 17:33

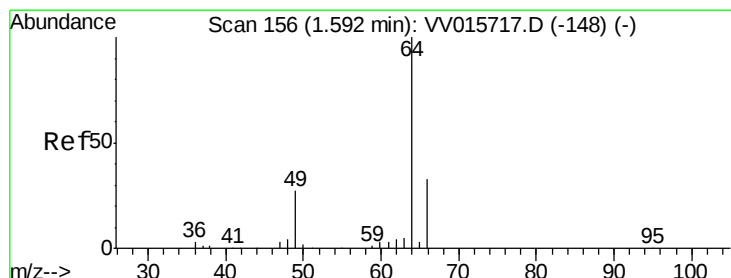
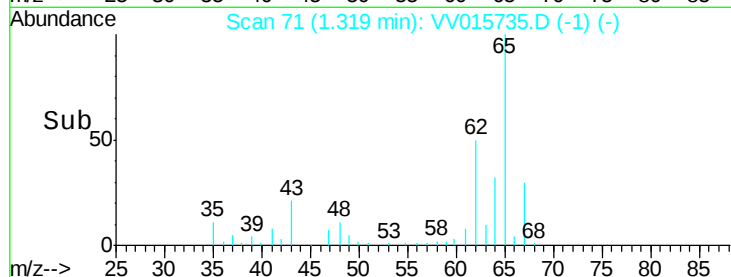
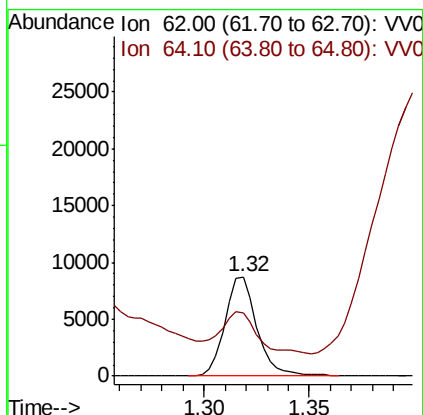
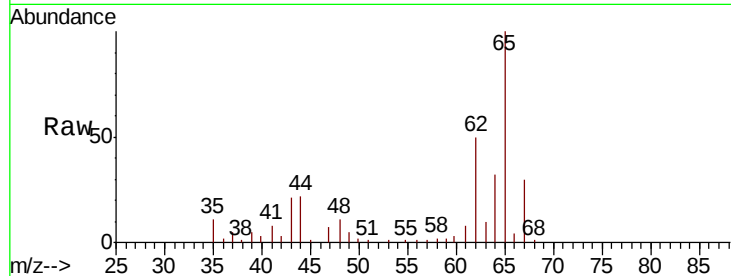
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 62 Resp: 9139

Ion Ratio Lower Upper

62 100

64 64.0 22.7 42.1#



#8

Chloroethane

Concen: 25.476 ug/L

RT: 1.41 min Scan# 100

Delta R.T. -0.18 min

Lab File: VV015735.D

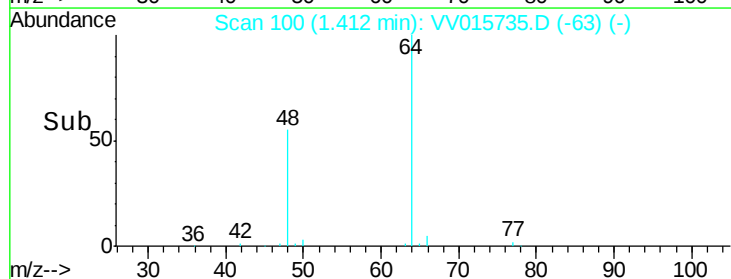
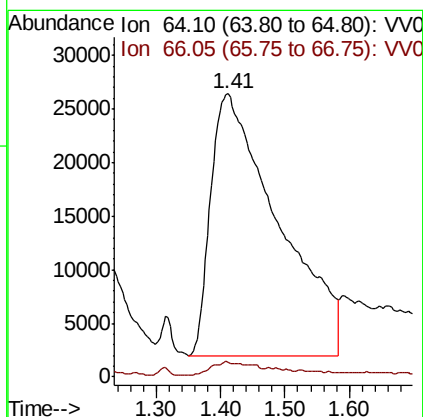
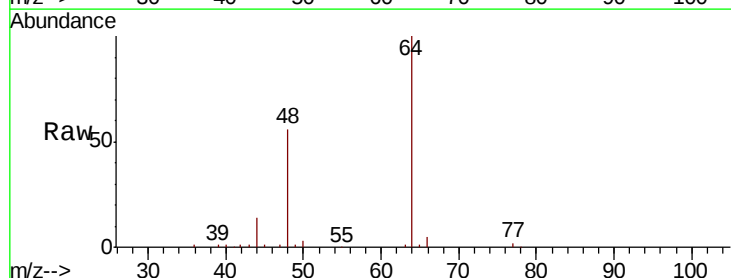
Acq: 27 Apr 2020 17:33

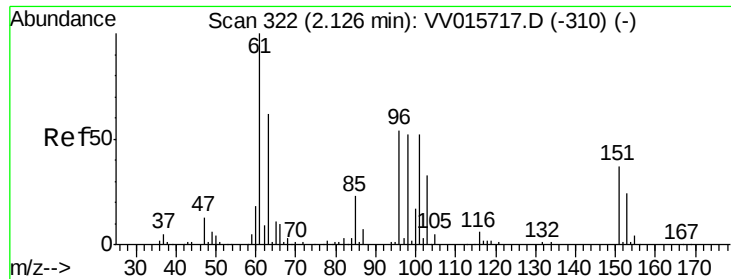
Tgt Ion: 64 Resp: 177638

Ion Ratio Lower Upper

64 100

66 5.2 22.3 41.5#





#12

1,1-Dichloroethene

Concen: 0.094 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV015735.D

Acq: 27 Apr 2020 17:33

Instrument :
MSVOA_V
ClientSampleId :

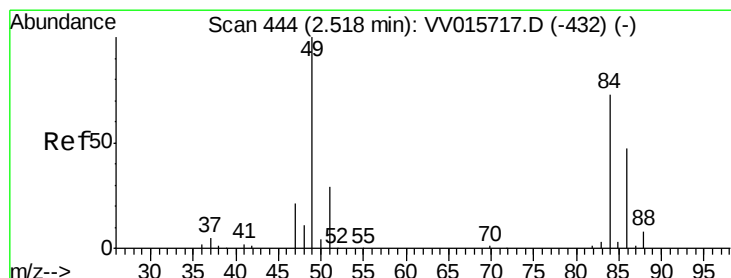
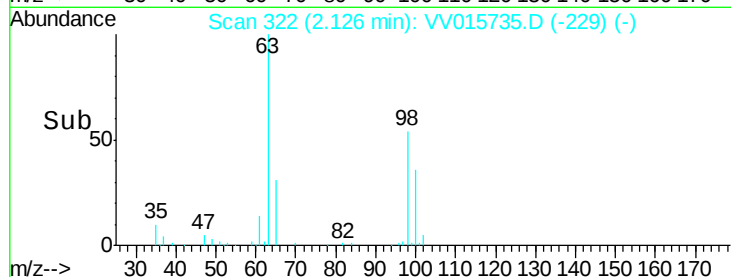
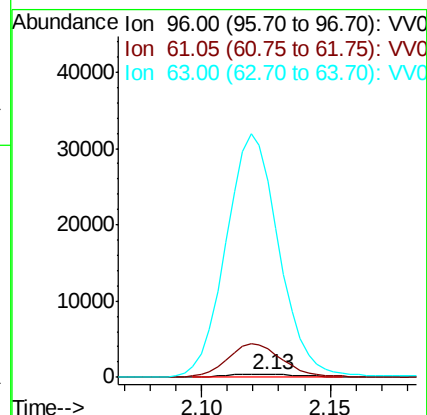
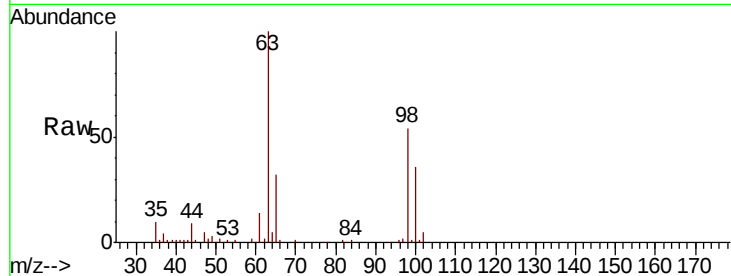
Tot Ion: 96 Resp: 735

Ion Ratio Lower Upper

96 100

61 954.8 130.1 241.7#

63 6703.4 91.4 169.8#



#16

Methylene chloride

Concen: 0.320 ug/L

RT: 2.52 min Scan# 446

Delta R.T. 0.01 min

Lab File: VV015735.D

Acq: 27 Apr 2020 17:33

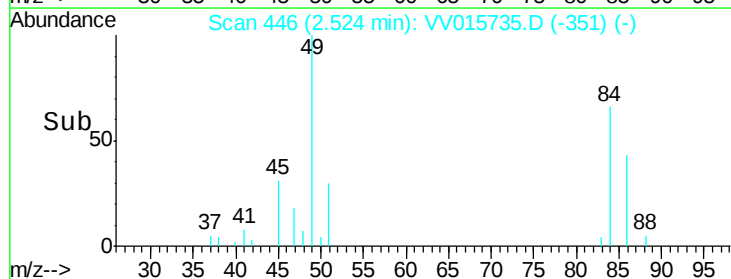
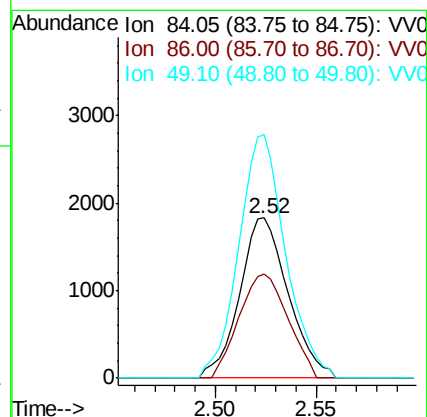
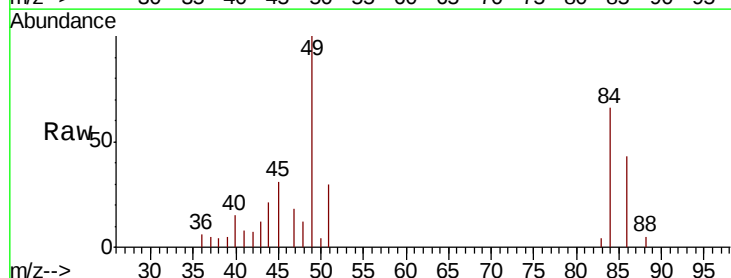
Tgt Ion: 84 Resp: 3085

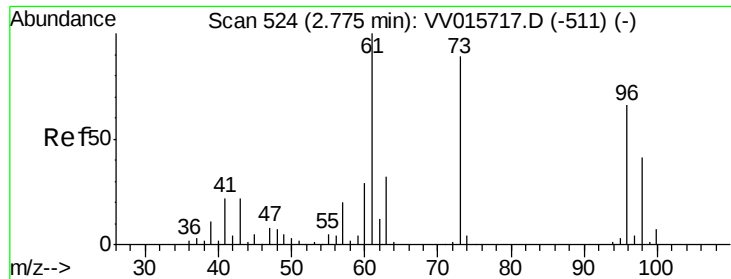
Ion Ratio Lower Upper

84 100

86 64.8 45.1 83.7

49 152.1 94.4 175.4

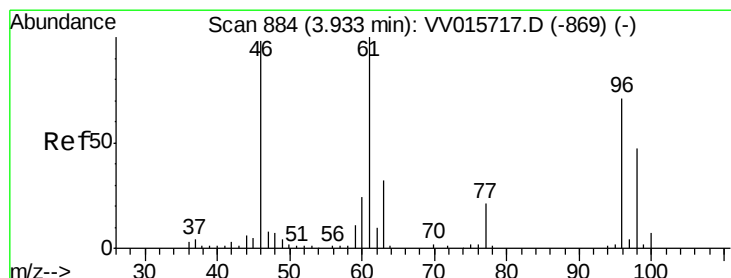
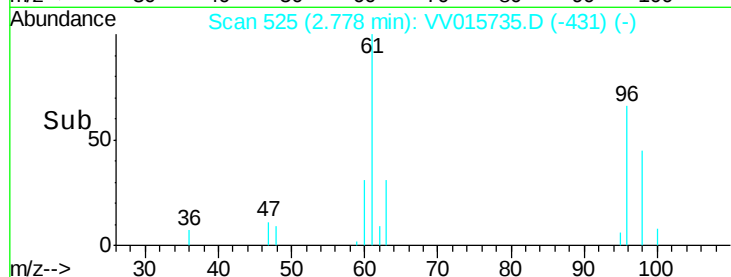
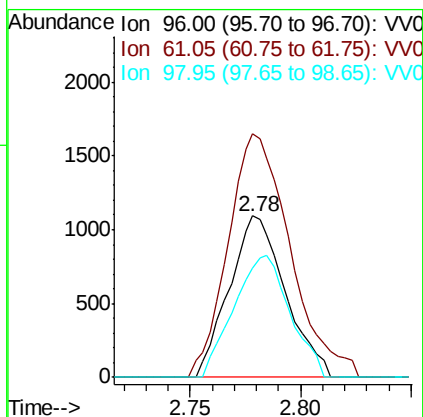
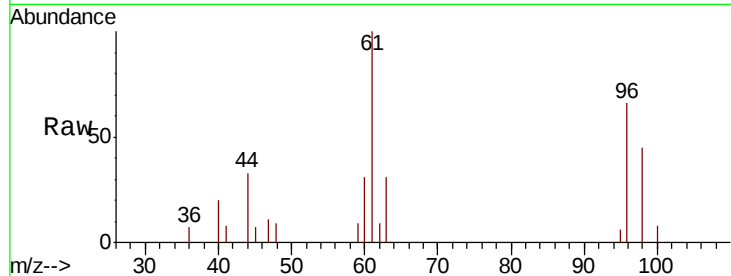




#18
trans-1,2-Dichloroethene
Concen: 0.220 ug/L
RT: 2.78 min Scan# 525
Delta R.T. 0.00 min
Lab File: VV015735.D
Acq: 27 Apr 2020 17:33

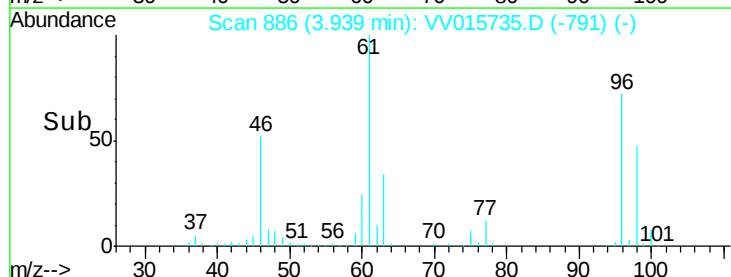
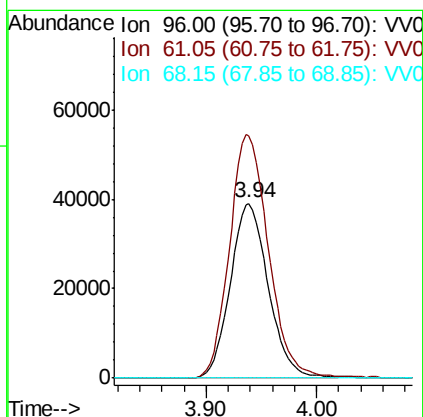
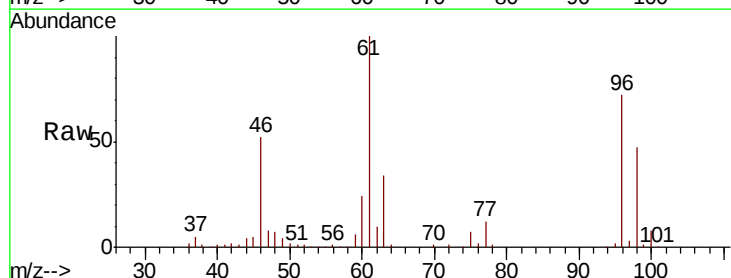
Instrument :
MSVOA_V
ClientSampleId :

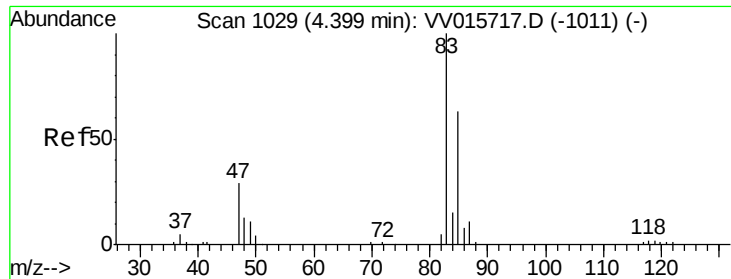
Tot Ion: 96 Resp: 1927
Ion Ratio Lower Upper
96 100
61 150.9 105.5 195.9
98 67.9 44.2 82.0



#22
cis-1,2-Dichloroethene
Concen: 9.640 ug/L
RT: 3.94 min Scan# 886
Delta R.T. 0.01 min
Lab File: VV015735.D
Acq: 27 Apr 2020 17:33

Tgt Ion: 96 Resp: 93176
Ion Ratio Lower Upper
96 100
61 138.5 96.4 179.0
68 0.0 0.0 0.0

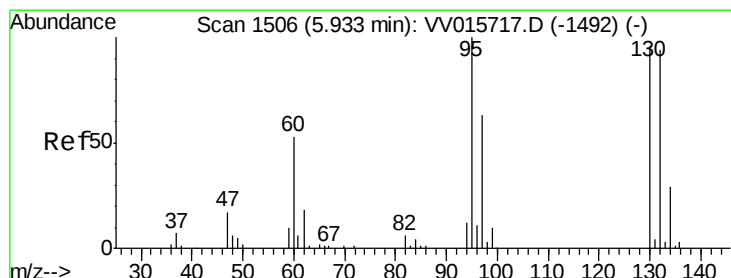
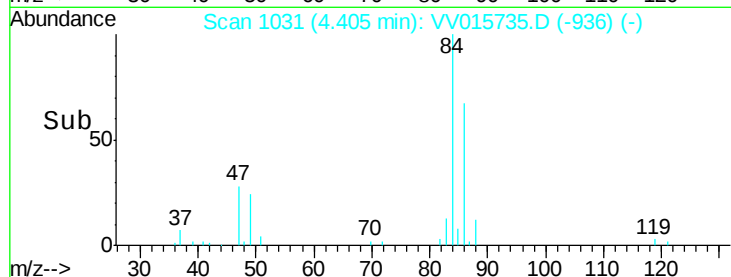
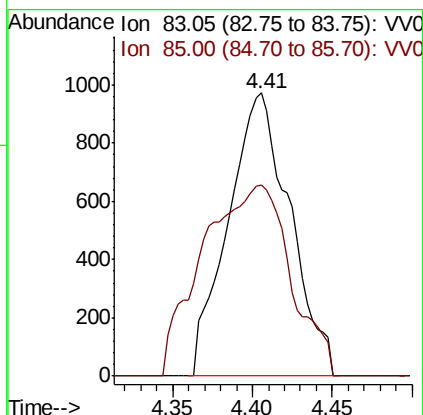
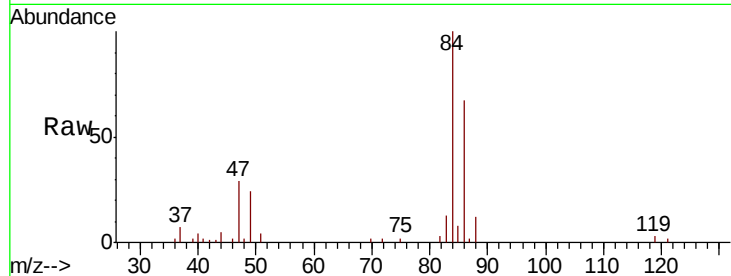




#25
Chloroform
Concen: 0.141 ug/L
RT: 4.41 min Scan# 1031
Delta R.T. 0.01 min
Lab File: VV015735.D
Acq: 27 Apr 2020 17:33

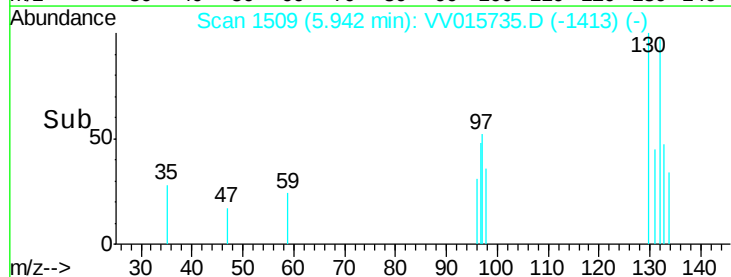
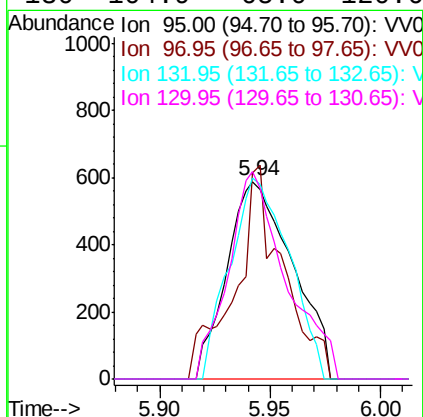
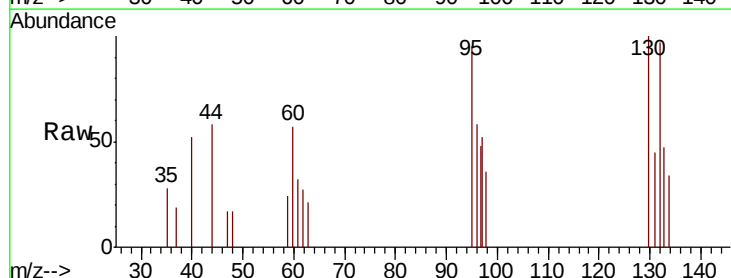
Instrument :
MSVOA_V
ClientSampled :

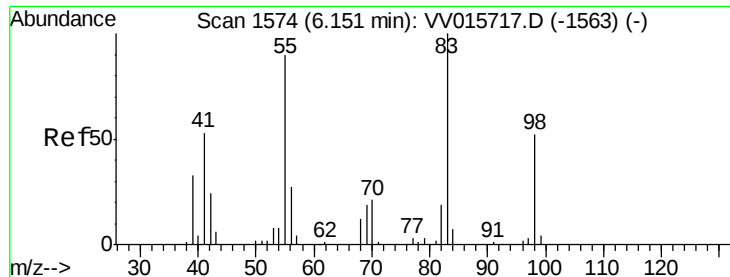
Tot Ion: 83 Resp: 2573
Ion Ratio Lower Upper
83 100
85 67.7 46.1 85.5



#34
Trichloroethene
Concen: 0.118 ug/L
RT: 5.94 min Scan# 1509
Delta R.T. 0.01 min
Lab File: VV015735.D
Acq: 27 Apr 2020 17:33

Tgt Ion: 95 Resp: 1213
Ion Ratio Lower Upper
95 100
97 104.4 44.7 82.9#
132 102.0 65.2 121.0
130 104.9 65.0 120.6

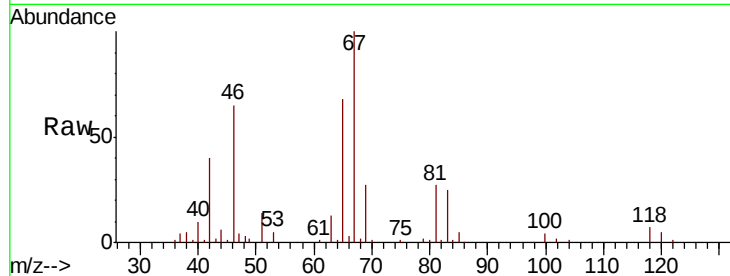




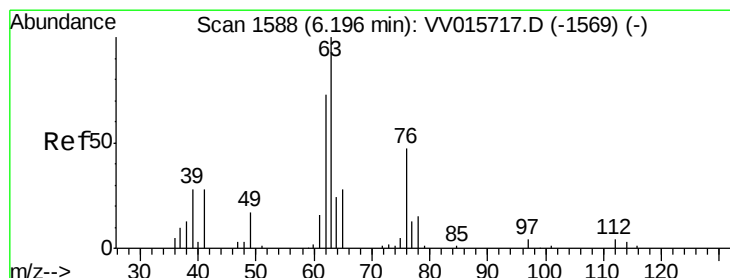
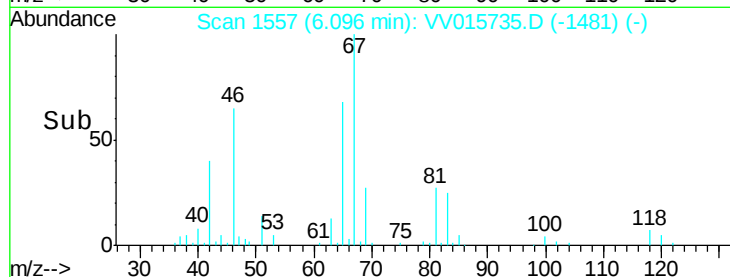
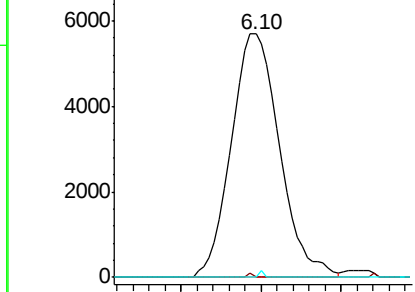
#35
Methvlcvclohexane
Concen: 0.745 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015735.D
Acq: 27 Apr 2020 17:33

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 11736
Ion Ratio Lower Upper
83 100
55 0.2 66.6 99.8#
98 0.2 39.5 59.3#

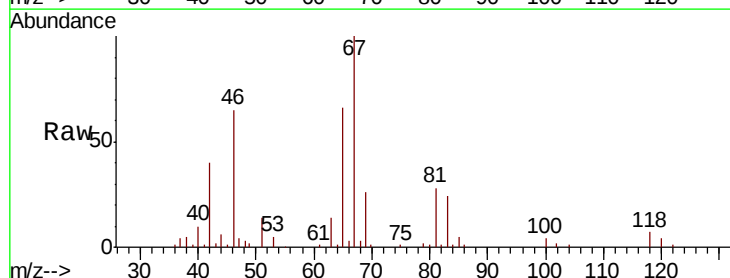


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

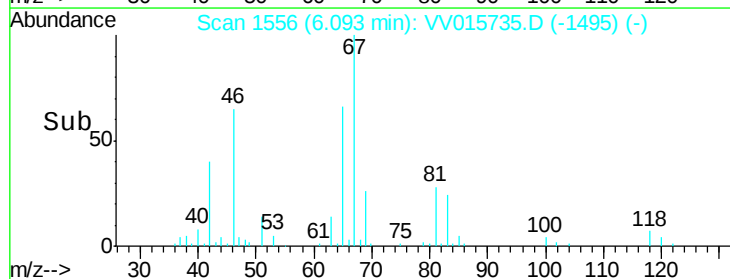
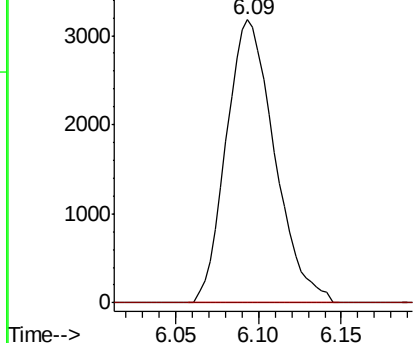


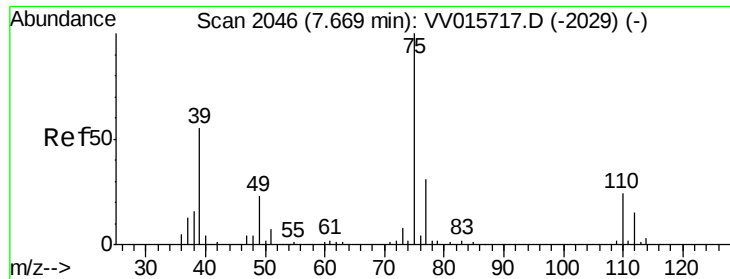
#37
1,2-Dichloropropane
Concen: 0.681 ug/L
RT: 6.09 min Scan# 1556
Delta R.T. -0.10 min
Lab File: VV015735.D
Acq: 27 Apr 2020 17:33

Tgt Ion: 63 Resp: 6435
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V

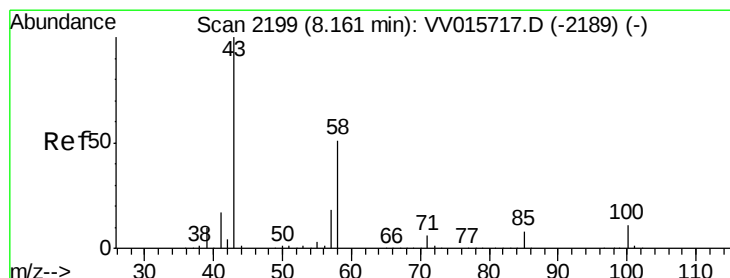
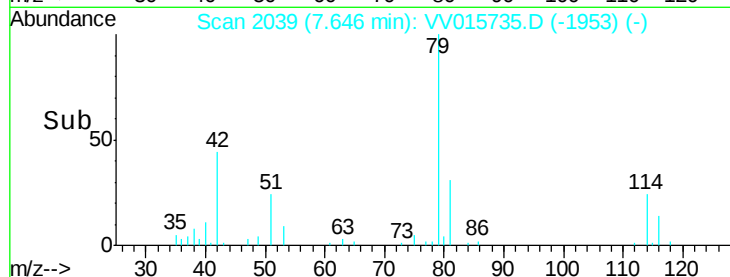
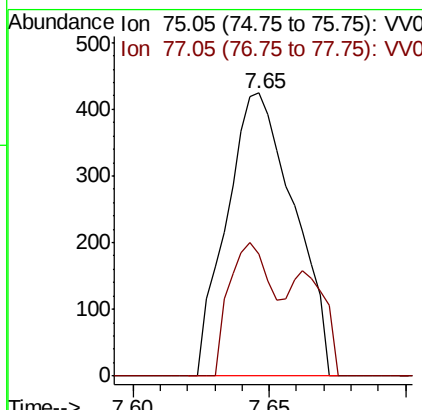
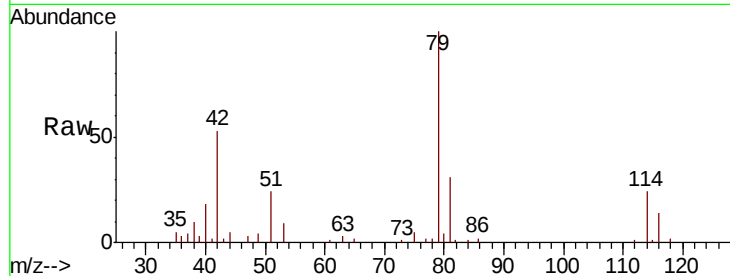




#44
trans-1,3-Dichloropropene
Concen: 0.066 ug/L
RT: 7.65 min Scan# 2039
Delta R.T. -0.02 min
Lab File: VV015735.D
Acq: 27 Apr 2020 17:33

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 75 Resp: 727
Ion Ratio Lower Upper
75 100
77 42.9 21.8 40.6#



#48
2-Hexanone
Concen: 1.130 ug/L
RT: 8.17 min Scan# 2202
Delta R.T. 0.01 min
Lab File: VV015735.D
Acq: 27 Apr 2020 17:33

Tgt Ion: 43 Resp: 4937
Ion Ratio Lower Upper
43 100
58 41.4 41.1 61.7
57 6.0 15.0 22.4#
100 3.6 9.0 13.4#

