

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112619\
 Data File : VV013799.D
 Acq On : 26 Nov 2019 20:27
 Operator : SY/MD
 Sample : K6055-02
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 27 03:13:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 27 03:09:16 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	327865	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	317975	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	137417	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	76210	3.76	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	75.20%
7) Chloroethane-d5	1.58	69	77029	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.13	63	109017	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	3.96	46	246425	58.41	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.82%
24) Chloroform-d	4.40	84	178452	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
26) 1,2-Dichloroethane-d4	5.08	65	100609	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.09	84	352385	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.11	67	114170	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	287044	3.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	74.60%
43) trans-1,3-Dichloropropene-	7.66	79	38196	4.01	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	80.20%
46) 2-Hexanone-d5	8.14	63	177433	50.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.10%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	91052	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	124076	5.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.20%

Target Compounds

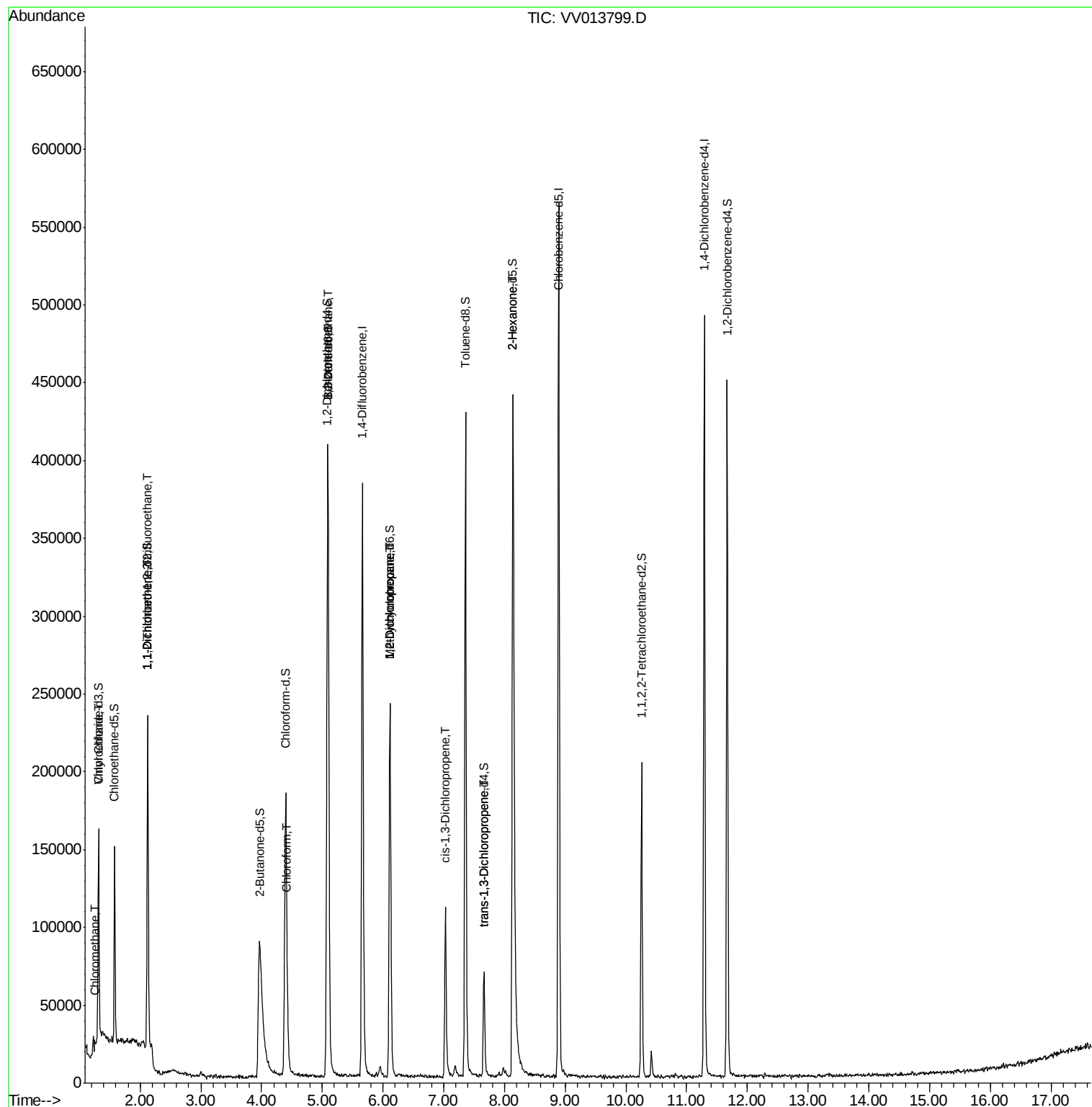
					Ovalue
3) Chloromethane	1.25	50	3872	0.202 ug/L	91
8) Chloroethane	1.32	64	1457	0.123 ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	1344	0.074 ug/L #	18
12) 1,1-Dichloroethene	2.13	96	1605	0.102 ug/L #	1
25) Chloroform	4.43	83	16155	0.429 ug/L	99
27) 1,2-Dichloroethane	5.09	62	2284	0.106 ug/L	100
35) Methylcyclohexane	6.11	83	29249	1.019 ug/L #	19
37) 1,2-Dichloropropane	6.12	63	12910	0.644 ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	2731	0.096 ug/L #	41
44) trans-1,3-Dichloropropene	7.67	75	1896	0.085 ug/L	83
48) 2-Hexanone	8.14	43	22587	2.705 ug/L #	83

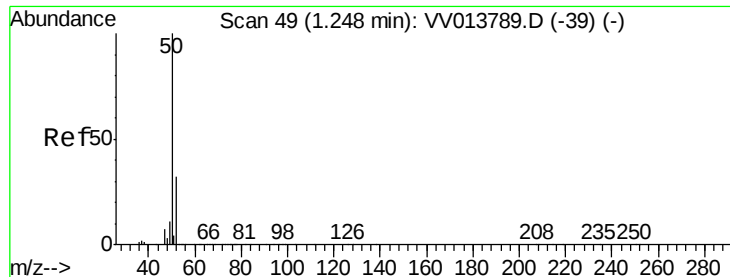
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.202 ug/L

RT: 1.25 min Scan# 50

Delta R.T. 0.00 min

Lab File: VV013799.D

Acq: 26 Nov 2019 20:27

Instrument :

MSVOA_V

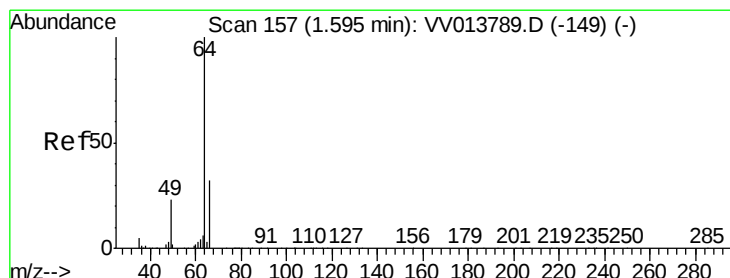
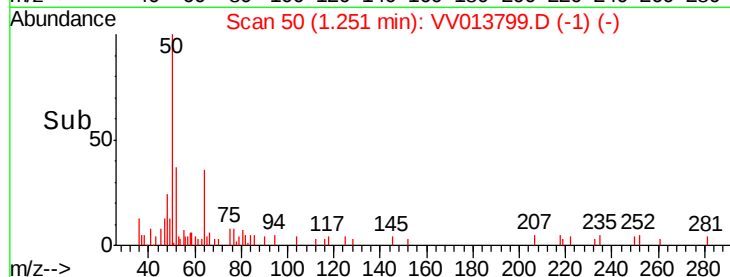
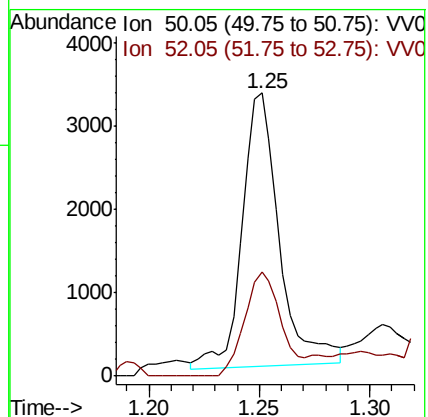
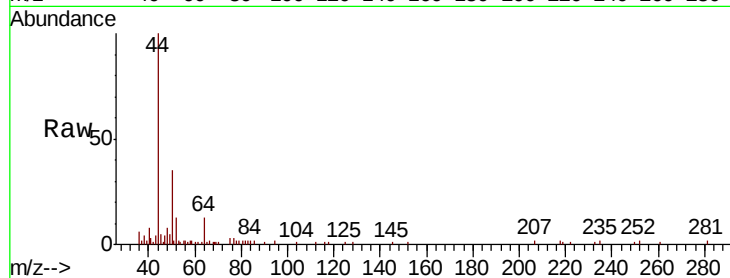
ClientSampleId :

Tot Ion: 50 Resp: 3872

Ion Ratio Lower Upper

50 100

52 37.0 22.5 41.7



#8

Chloroethane

Concen: 0.123 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.28 min

Lab File: VV013799.D

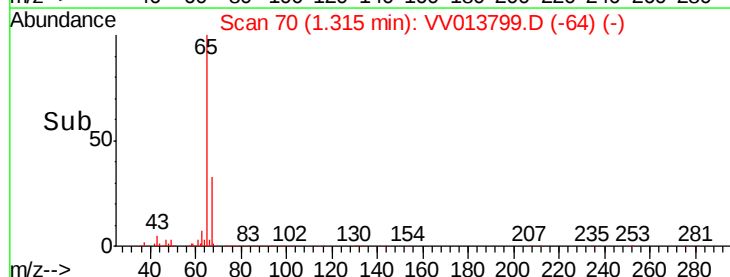
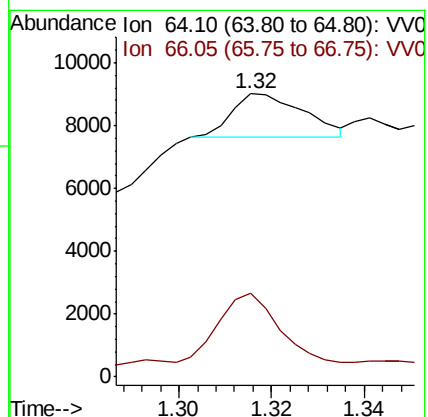
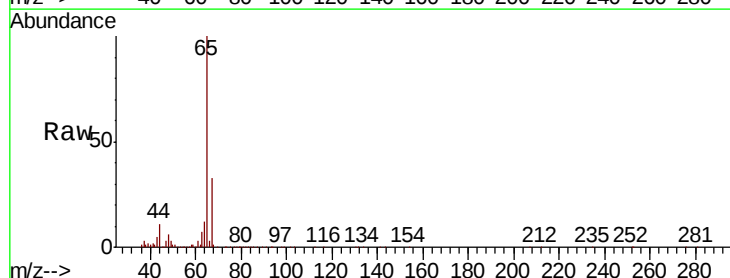
Acq: 26 Nov 2019 20:27

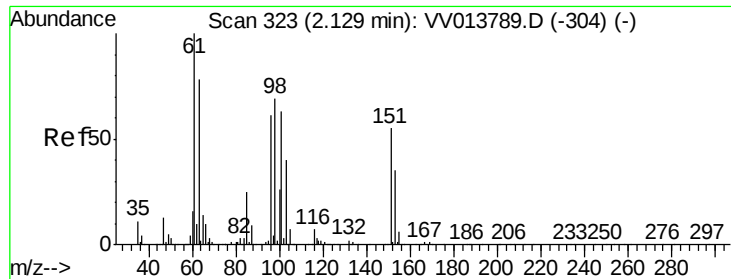
Tgt Ion: 64 Resp: 1457

Ion Ratio Lower Upper

64 100

66 29.5 22.6 42.0





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.074 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.00 min

Lab File: VV013799.D

Acq: 26 Nov 2019 20:27

Instrument :

MSVOA_V

ClientSampled :

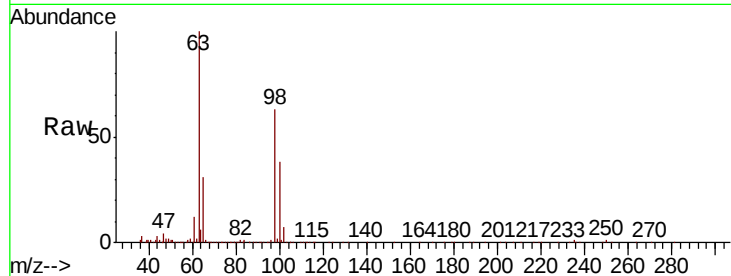
Tot Ion:101 Resp: 1344

Ion Ratio Lower Upper

101 100

85 3.3 33.4 50.0#

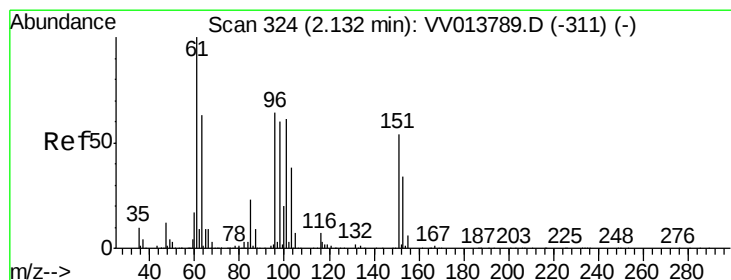
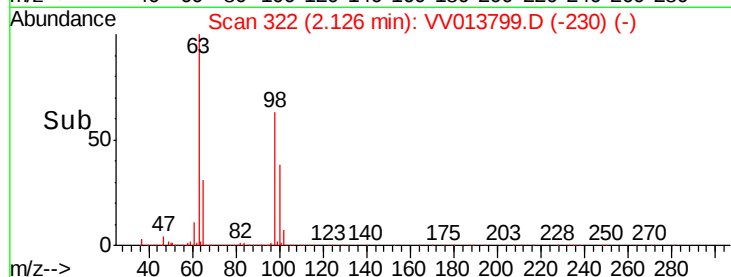
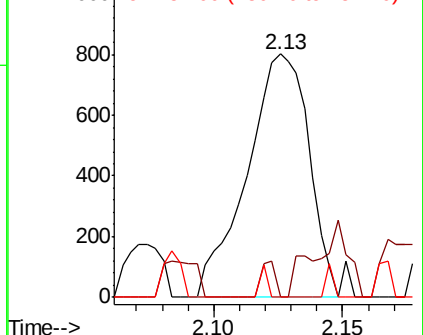
151 1.6 69.4 104.0#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VV0

Ion 151.00 (150.70 to 151.70): V



#12

1,1-Dichloroethene

Concen: 0.102 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013799.D

Acq: 26 Nov 2019 20:27

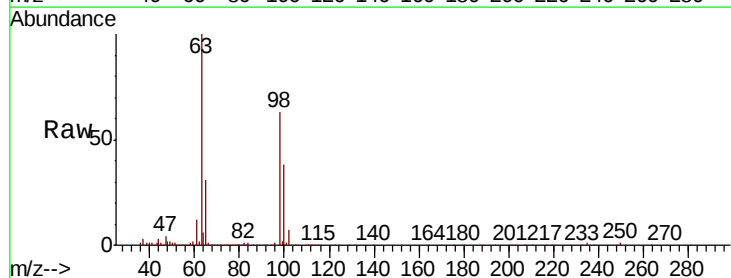
Tgt Ion: 96 Resp: 1605

Ion Ratio Lower Upper

96 100

61 947.3 116.3 215.9#

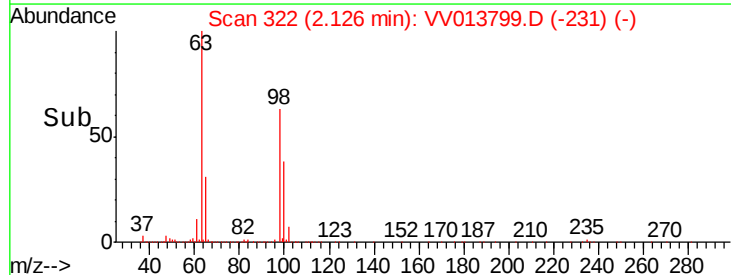
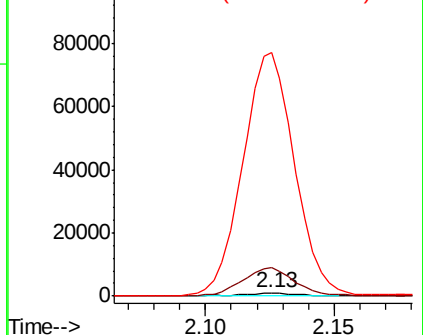
63 8154.8 96.7 179.7#

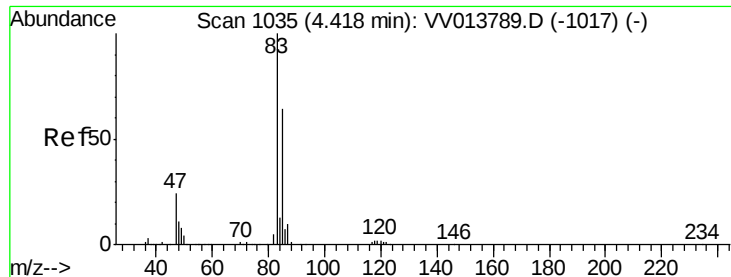


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

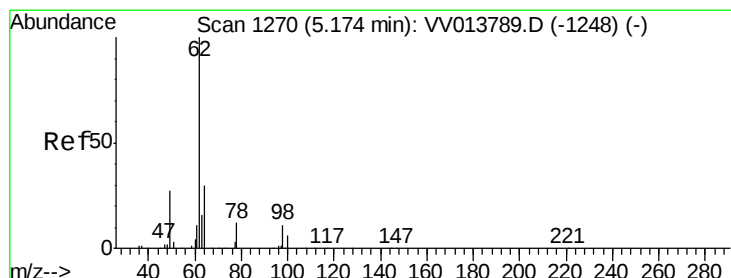
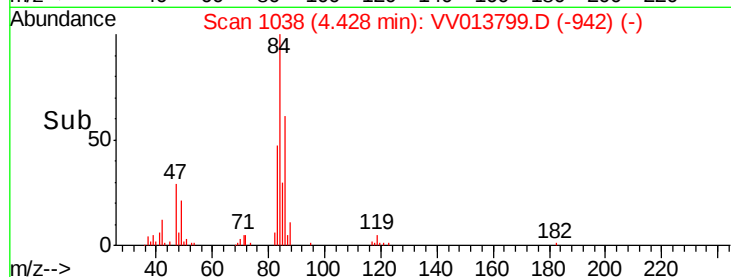
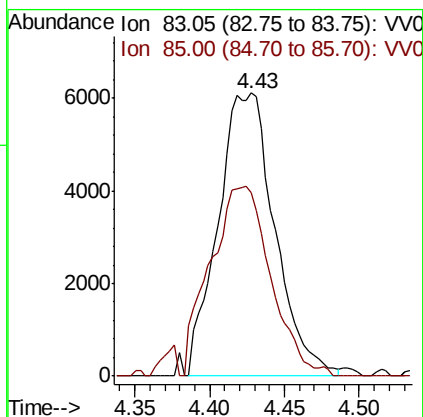
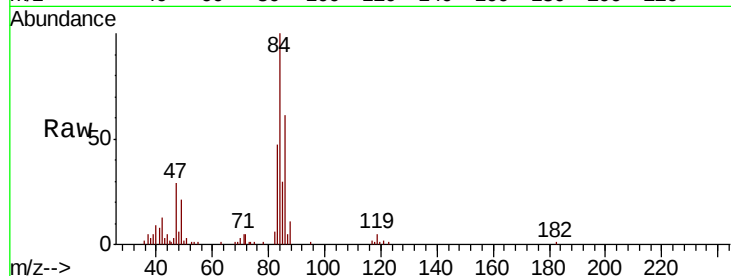




#25
Chloroform
Concen: 0.429 ug/L
RT: 4.43 min Scan# 1038
Delta R.T. 0.01 min
Lab File: VV013799.D
Acq: 26 Nov 2019 20:27

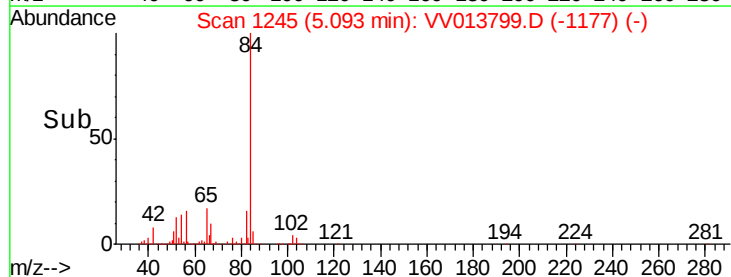
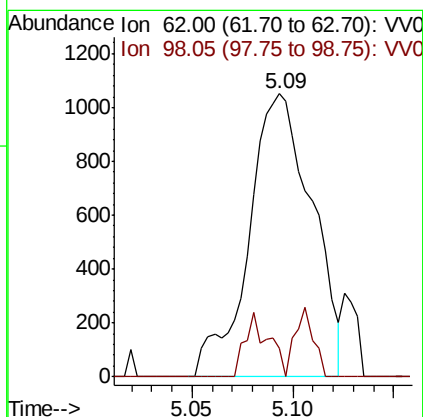
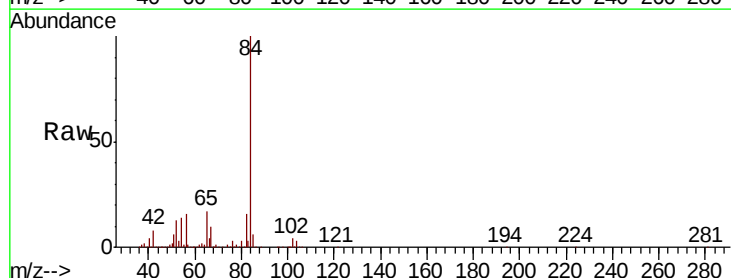
Instrument :
MSVOA_V
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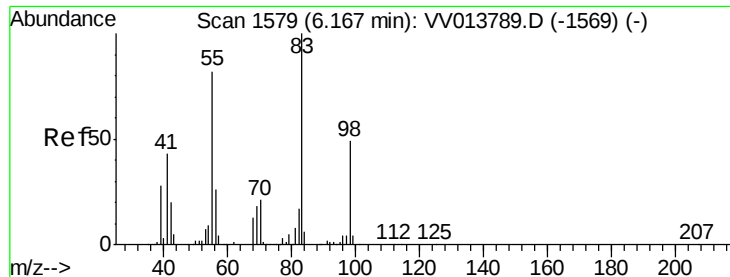
Tot Ion: 83 Resp: 16155
Ion Ratio Lower Upper
83 100
85 64.9 45.1 83.7



#27
1,2-Dichloroethane
Concen: 0.106 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.08 min
Lab File: VV013799.D
Acq: 26 Nov 2019 20:27

Tgt Ion: 62 Resp: 2284
Ion Ratio Lower Upper
62 100
98 10.2 8.2 12.2

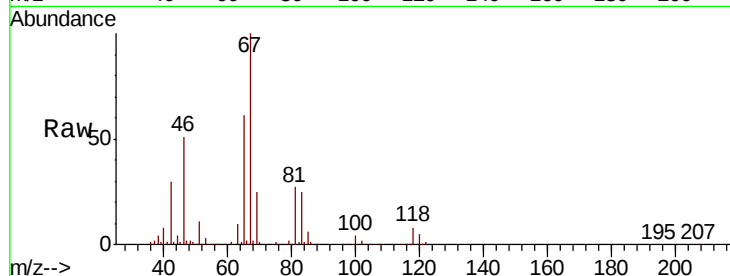




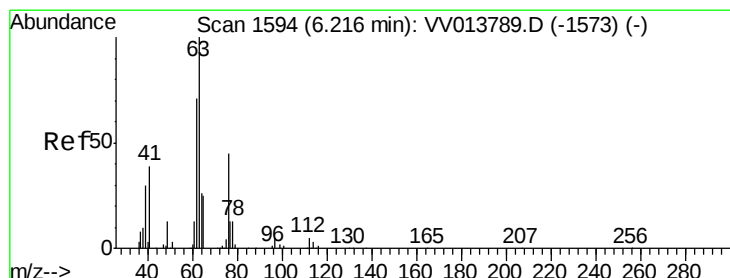
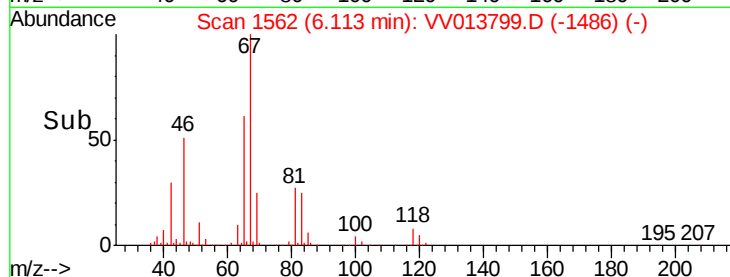
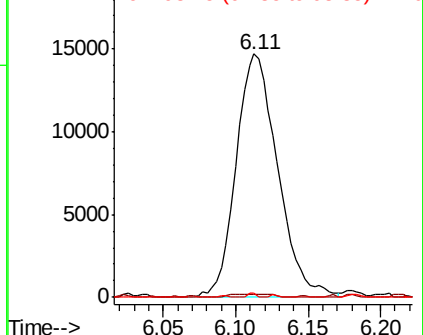
#35
Methvlcvclohexane
Concen: 1.019 ug/L
RT: 6.11 min Scan# 1562
Delta R.T. -0.05 min
Lab File: VV013799.D
Acq: 26 Nov 2019 20:27

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	83	Resp	29249
Ion Ratio	Lower	Upper	
83	100		
55	0.5	60.3	90.5#
98	0.3	38.1	57.1#

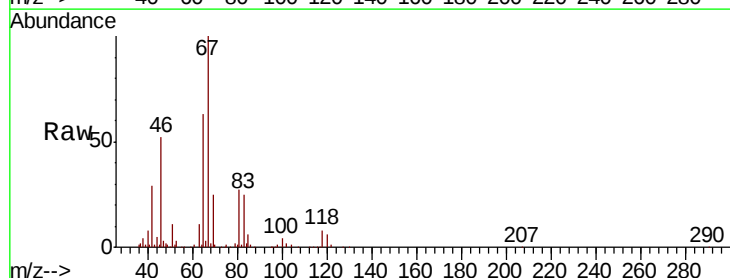


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

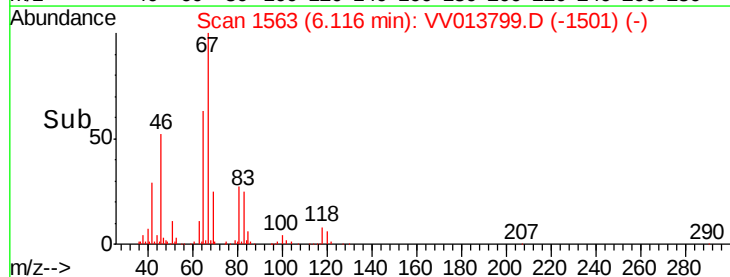
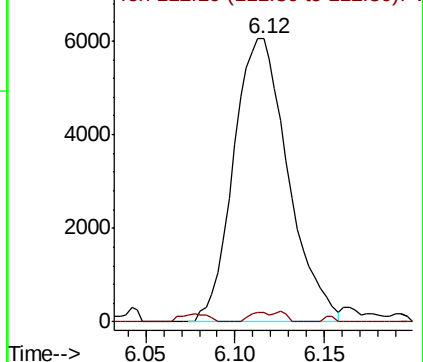


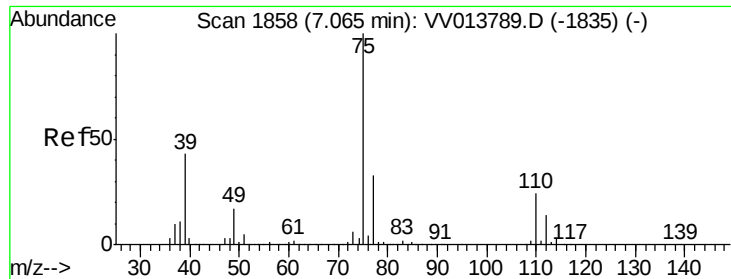
#37
1,2-Dichloropropane
Concen: 0.644 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV013799.D
Acq: 26 Nov 2019 20:27

Tgt Ion	63	Resp	12910
Ion Ratio	Lower	Upper	
63	100		
112	1.2	4.4	6.6#



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



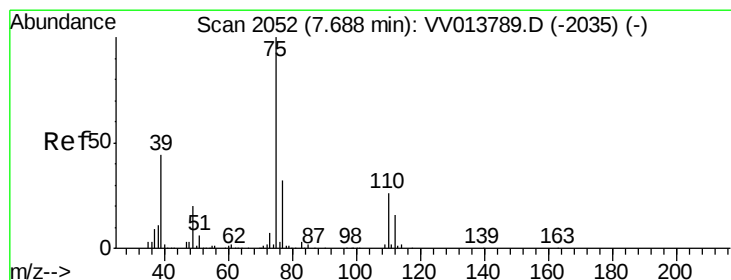
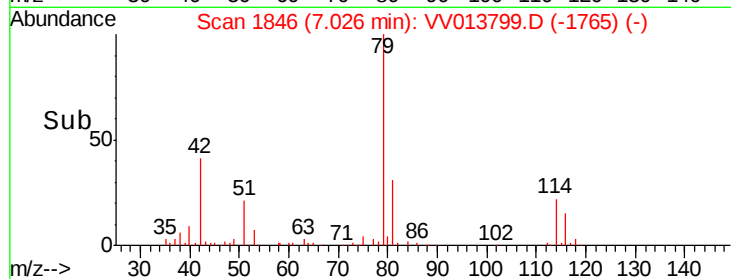
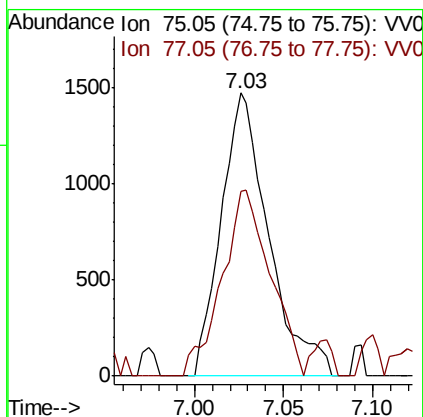
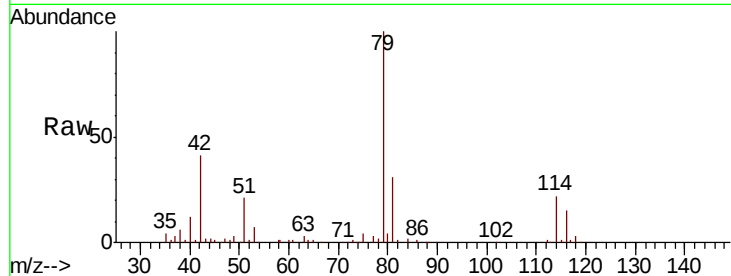


#39

cis-1,3-Dichloropropene
Concen: 0.096 ug/L
RT: 7.03 min Scan# 1846
Delta R.T. -0.04 min
Lab File: VV013799.D
Acq: 26 Nov 2019 20:27

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ClientSampleId :

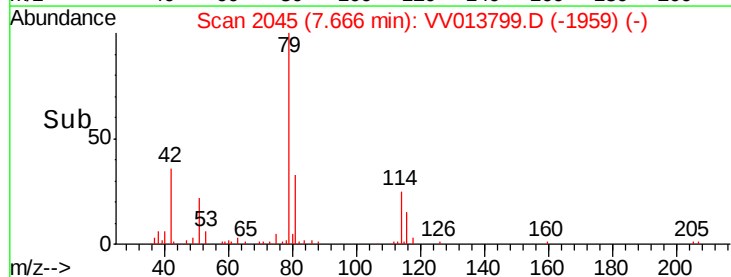
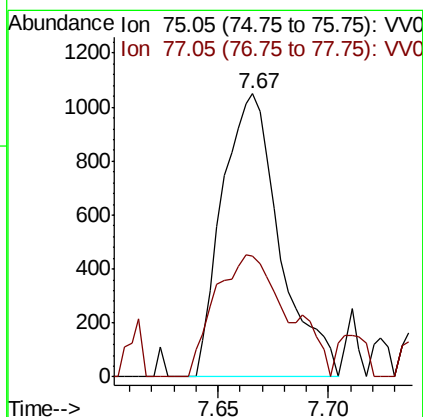
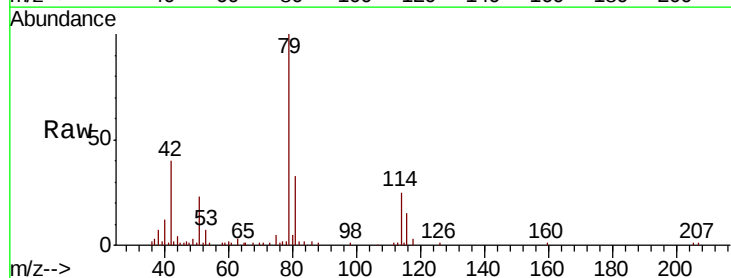
Tot Ion: 75 Resp: 2731
Ion Ratio Lower Upper
75 100
77 65.4 22.5 41.9#

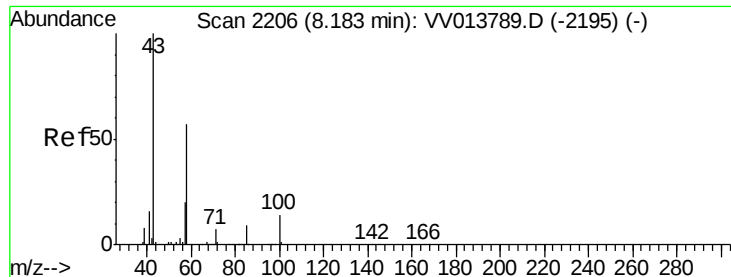


#44

trans-1,3-Dichloropropene
Concen: 0.085 ug/L
RT: 7.67 min Scan# 2045
Delta R.T. -0.02 min
Lab File: VV013799.D
Acq: 26 Nov 2019 20:27

Tgt Ion: 75 Resp: 1896
Ion Ratio Lower Upper
75 100
77 42.5 23.0 42.8





#48
 2-Hexanone
 Concen: 2.705 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.04 min
 Lab File: VV013799.D
 Acq: 26 Nov 2019 20:27

Instrument :
 MSVOA_V
 ClientSampleId :

Tot Ion:	43	Resp:	22587
Ion	Ratio	Lower	Upper
43	100		
58	49.6	43.2	64.8
57	38.1	15.4	23.2#
100	2.8	10.4	15.6#

