

Data File : VV012875.D
Acq On : 17 Sep 2019 20:40
Operator : SY/MD
Sample : K4832-03
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0JZ9

Quant Time: Sep 18 01:12:52 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Sep 18 01:09:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	392026	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	386067	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	147112	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	196150	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	161080	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	243231	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.00%
20) 2-Butanone-d5	3.98	46	440589	54.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	108.46%
24) Chloroform-d	4.40	84	323526	5.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.20%
26) 1,2-Dichloroethane-d4	5.08	65	169910	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
32) Benzene-d6	5.09	84	670515	5.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.80%
36) 1,2-Dichloropropane-d6	6.12	67	206769	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.36	98	546858	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloropropene-	7.66	79	67753	4.84	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.80%
46) 2-Hexanone-d5	8.14	63	315085	53.52	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.04%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	151717	5.03	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	183898	5.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.80%

Target Compounds

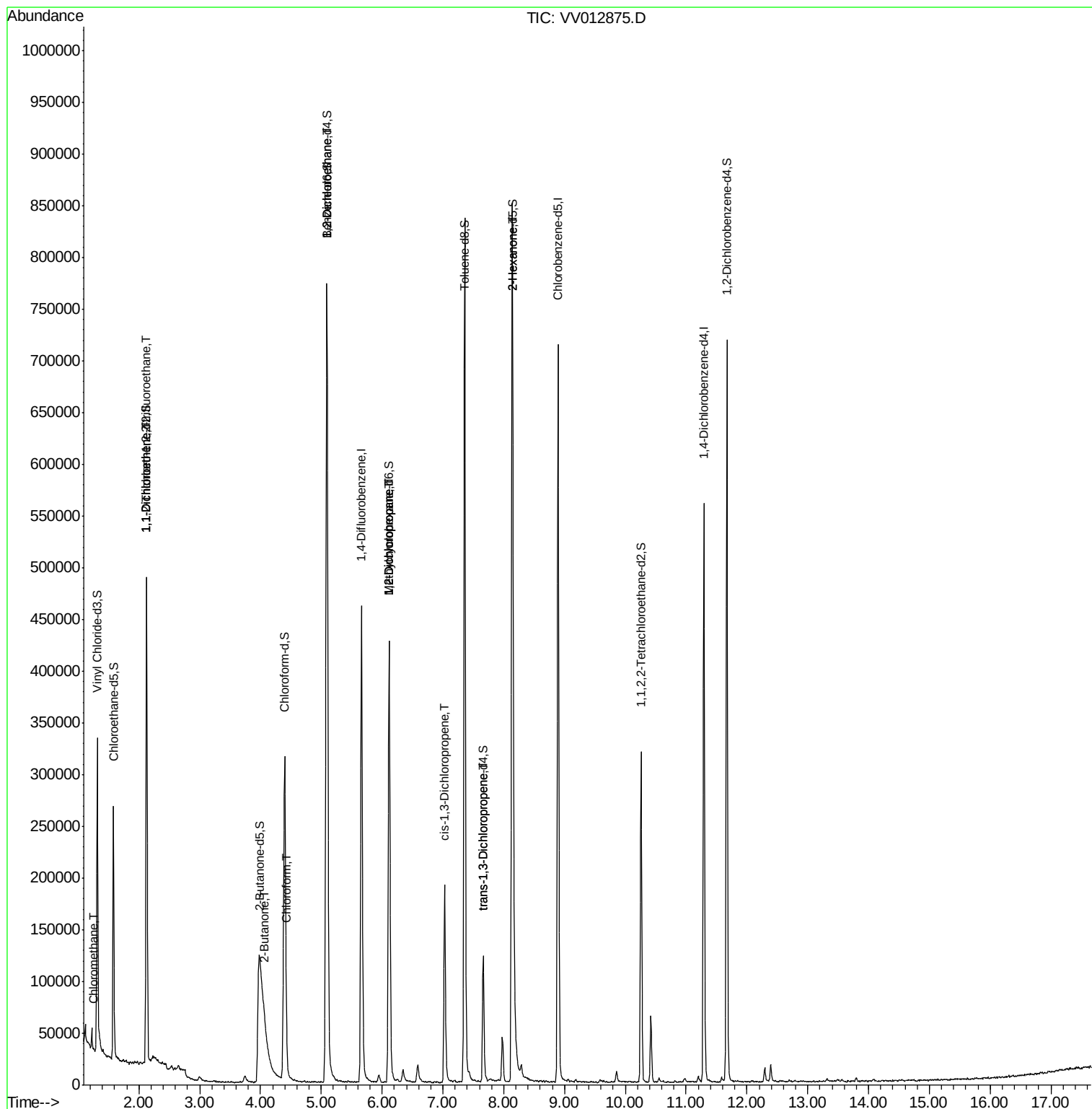
						Qvalue
3) Chloromethane	1.25	50	2185	0.080	ug/L #	75
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2465	0.107	ug/L #	24
12) 1,1-Dichloroethene	2.13	96	2306	0.110	ug/L #	1
21) 2-Butanone	4.06	43	14650	2.075	ug/L #	72
25) Chloroform	4.43	83	6065	0.112	ug/L	92
27) 1,2-Dichloroethane	5.09	62	3735	0.129	ug/L	99
35) Methylcyclohexane	6.12	83	49597	1.432	ug/L #	18
37) 1,2-Dichloropropane	6.12	63	22178	0.812	ug/L #	87
39) cis-1,3-Dichloropropene	7.03	75	4986	0.138	ug/L #	55
44) trans-1,3-Dichloropropene	7.66	75	3050	0.106	ug/L #	76
48) 2-Hexanone	8.14	43	48625	3.828	ug/L #	82

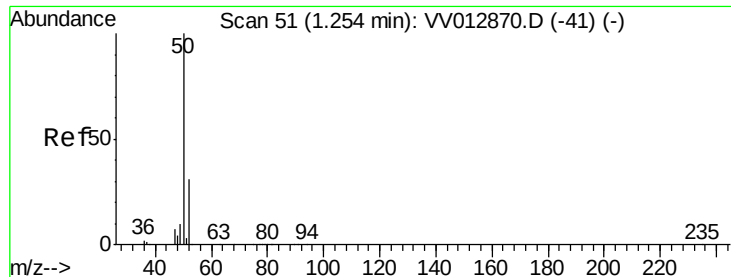
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.080 ug/L

RT: 1.25 min Scan# 51

Delta R.T. -0.00 min

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Acq: 17 Sep 2019 20:40

Instrument :

MSVOA_V

ClientSampleId :

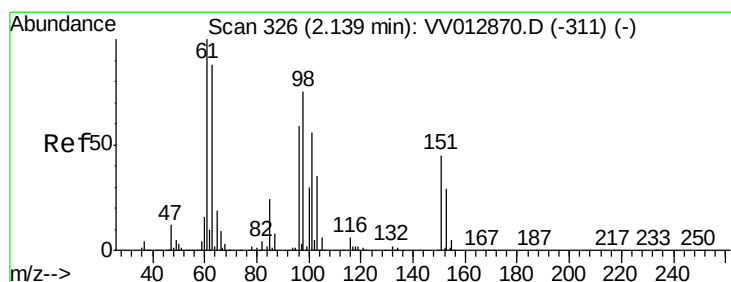
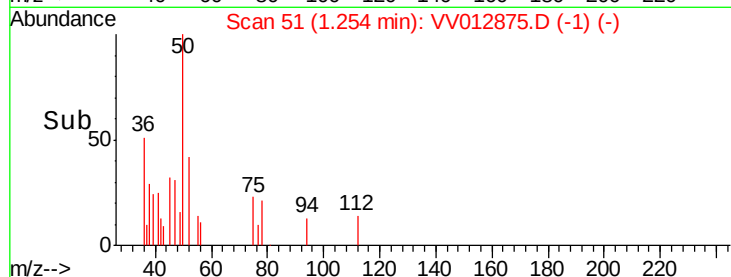
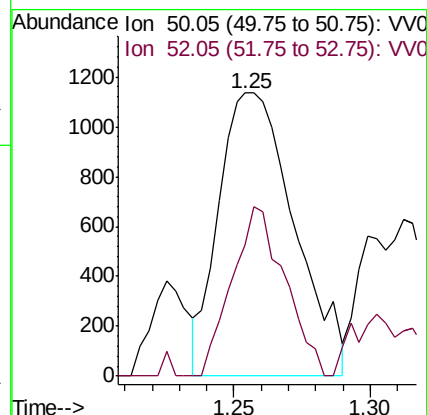
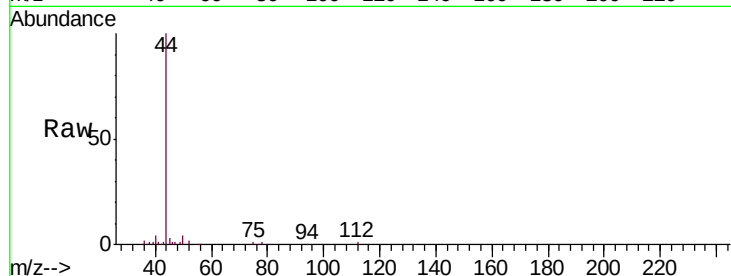
C0JZ9

Tgt Ion: 50 Resp: 2185

Ion Ratio Lower Upper

50 100

52 46.5 22.8 42.4#



#10

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

Concen: 0.107 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.01 min

Lab File: VV012875.D

Acq: 17 Sep 2019 20:40

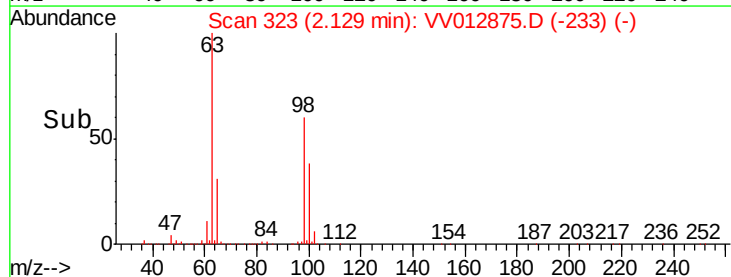
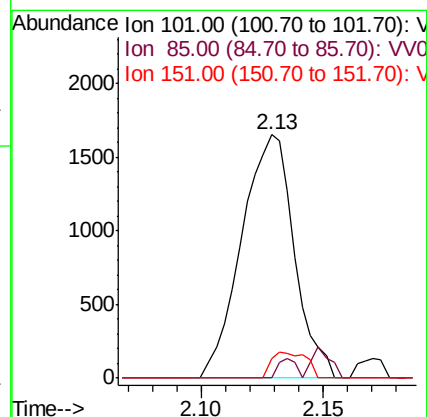
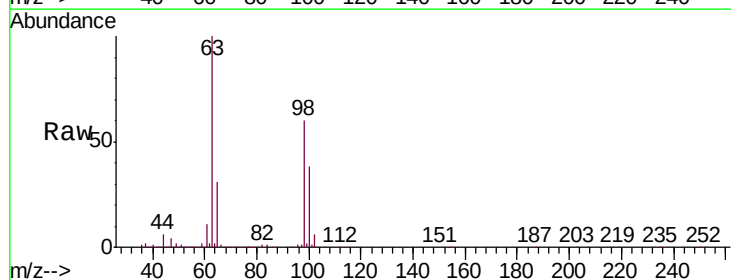
Tgt Ion: 101 Resp: 2465

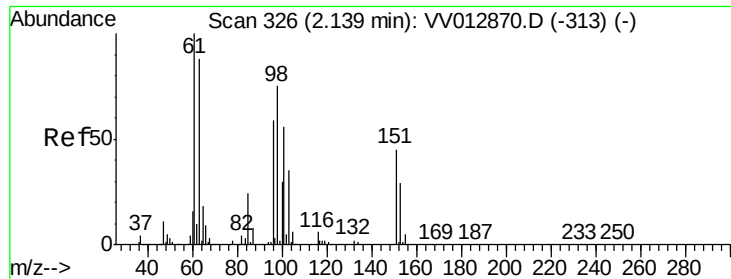
Ion Ratio Lower Upper

101 100

85 2.7 33.5 50.3#

151 7.1 64.0 96.0#





#12

1,1-Dichloroethene

Concen: 0.110 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV012875.D

Acq: 17 Sep 2019 20:40

Instrument :

MSVOA_V

ClientSampleId :

C0JZ9

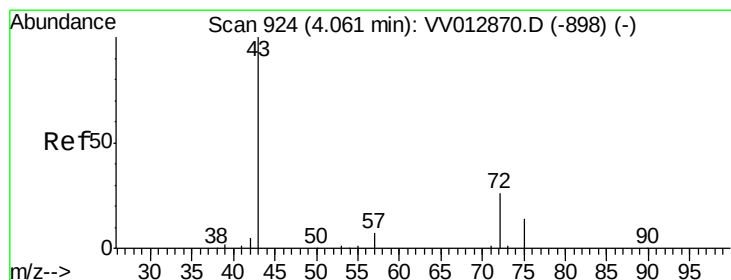
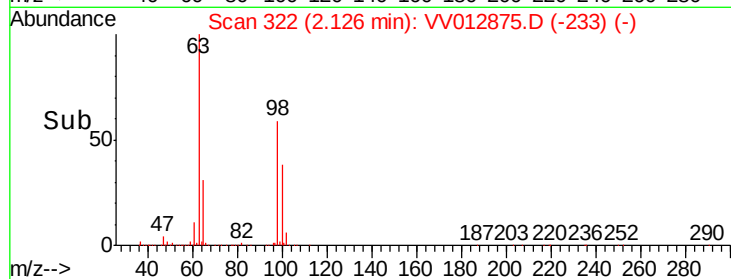
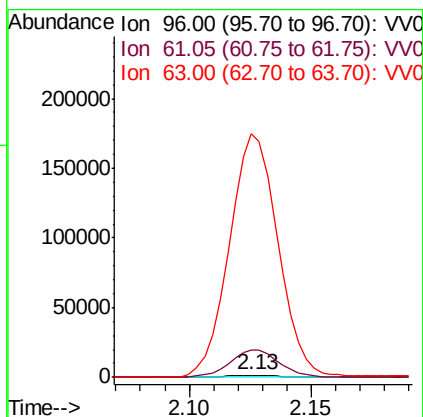
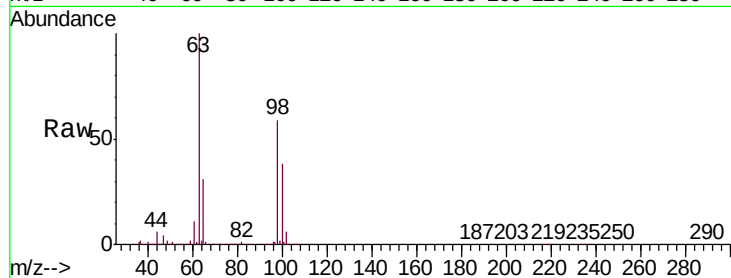
Tgt Ion: 96 Resp: 2306

Ion Ratio Lower Upper

96 100

61 1410.8 116.1 215.5#

63 12373.9 113.3 210.3#



#21

2-Butanone

Concen: 2.075 ug/L

RT: 4.06 min Scan# 925

Delta R.T. 0.00 min

Lab File: VV012875.D

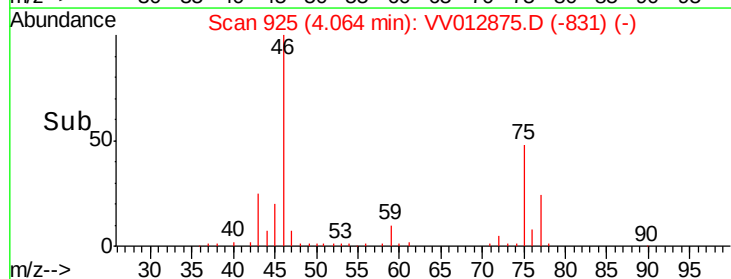
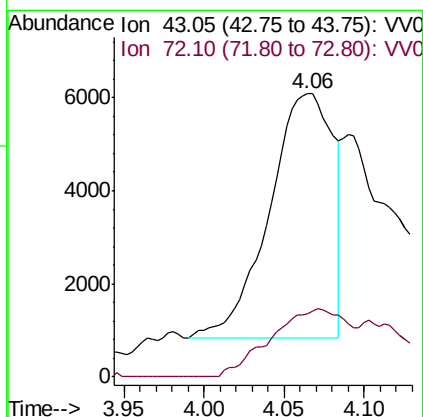
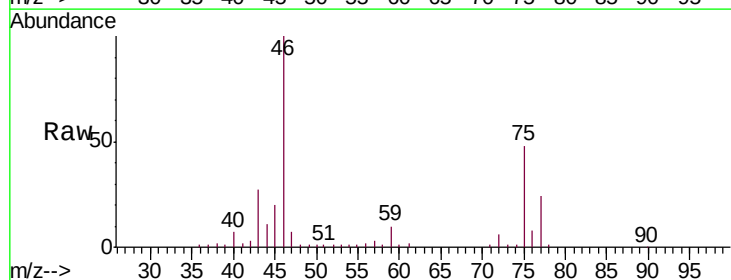
Acq: 17 Sep 2019 20:40

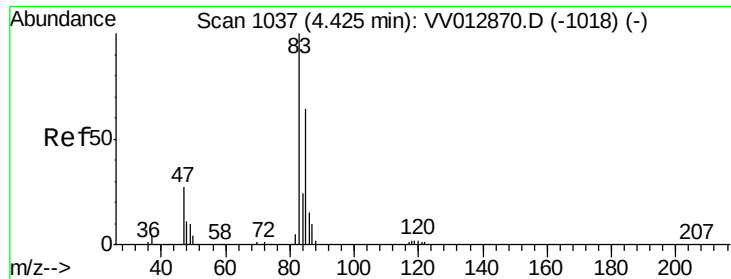
Tgt Ion: 43 Resp: 14650

Ion Ratio Lower Upper

43 100

72 34.1 10.4 31.2#

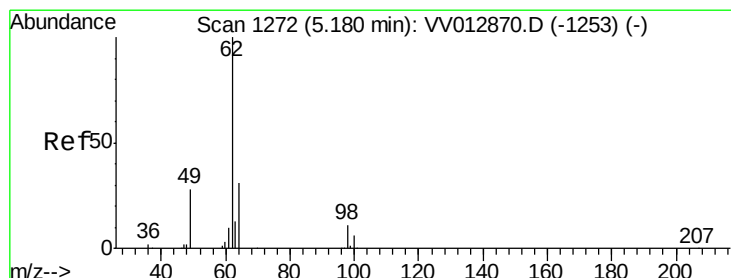
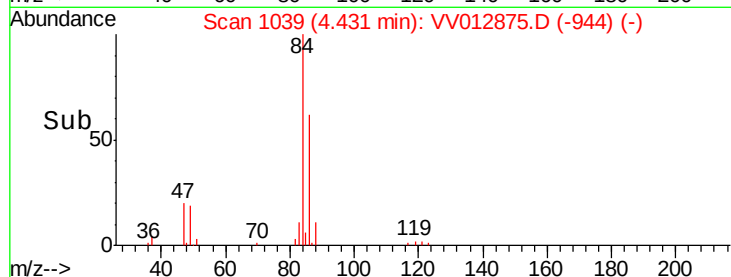
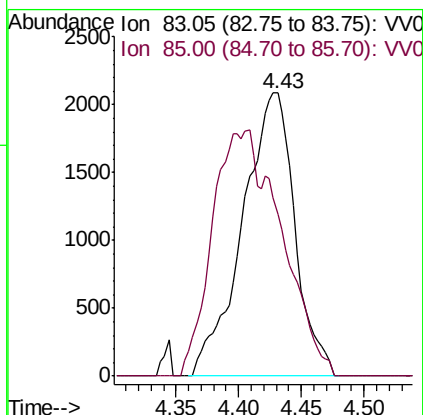
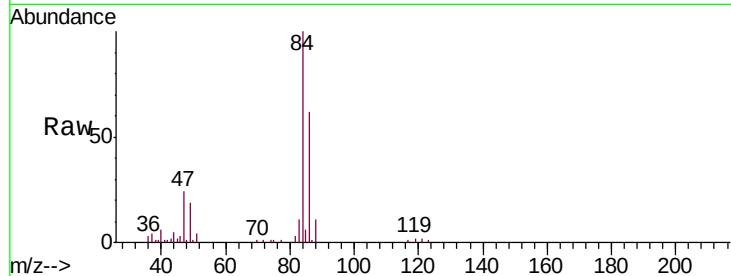




#25
Chloroform
Concen: 0.112 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV012875.D
Acq: 17 Sep 2019 20:40

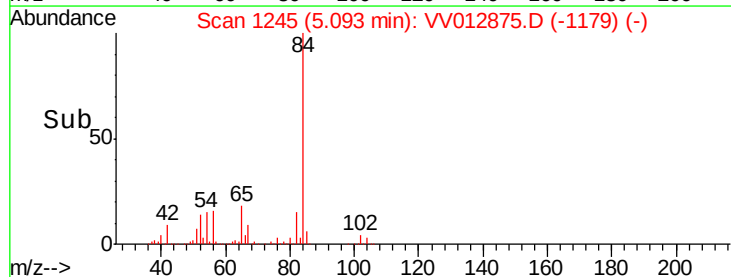
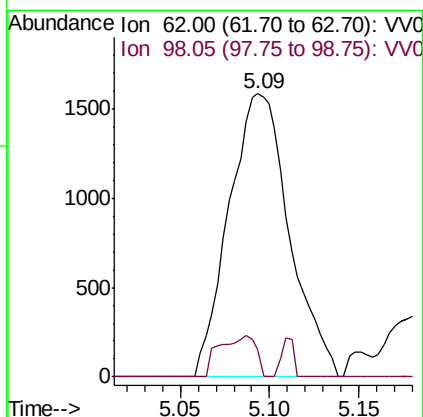
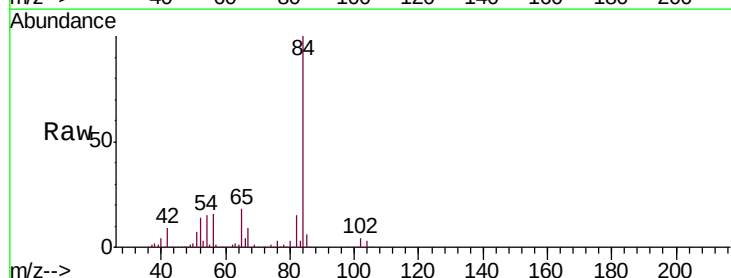
Instrument :
MSVOA_V
ClientSampleId :
C0JZ9

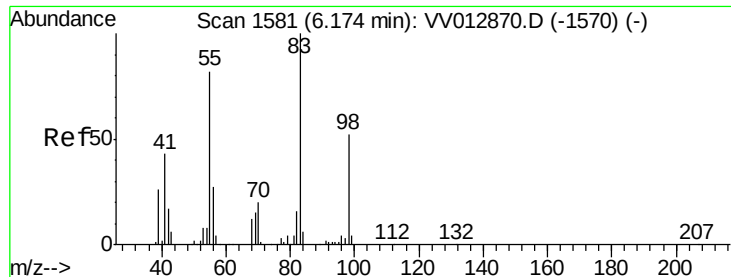
Tgt Ion: 83 Resp: 6065
Ion Ratio Lower Upper
83 100
85 57.3 44.4 82.5



#27
1,2-Dichloroethane
Concen: 0.129 ug/L
RT: 5.09 min Scan# 1245
Delta R.T. -0.09 min
Lab File: VV012875.D
Acq: 17 Sep 2019 20:40

Tgt Ion: 62 Resp: 3735
Ion Ratio Lower Upper
62 100
98 9.6 7.8 11.8

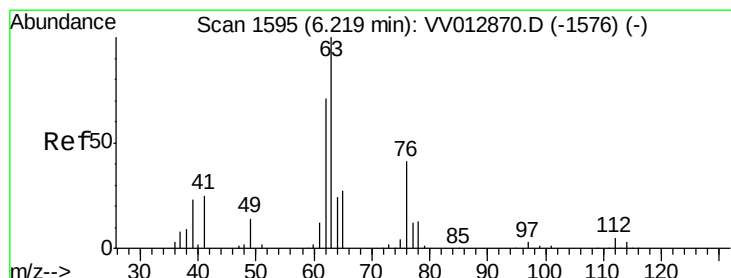
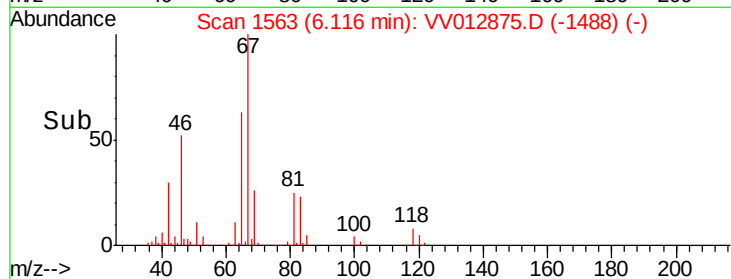
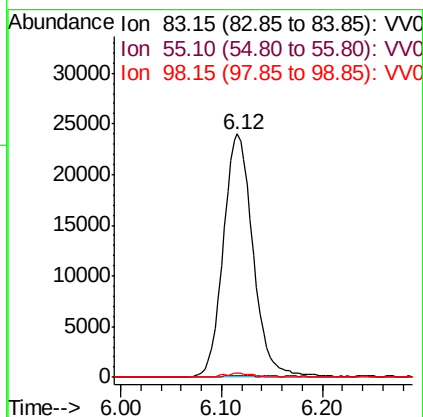
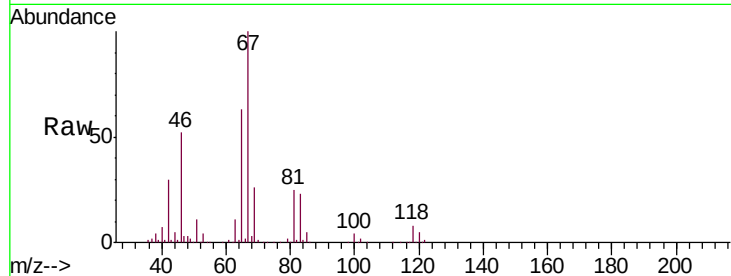




#35
Methylcyclohexane
Concen: 1.432 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV012875.D
Acq: 17 Sep 2019 20:40

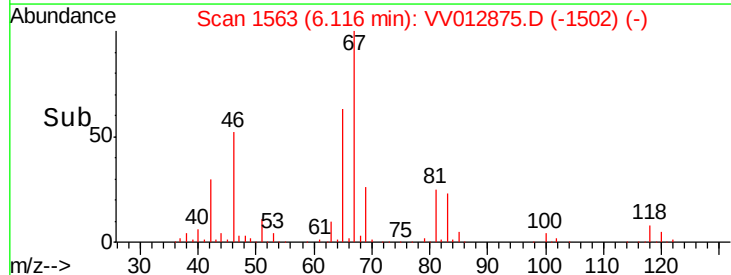
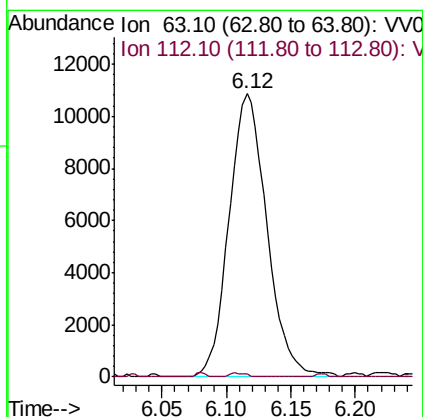
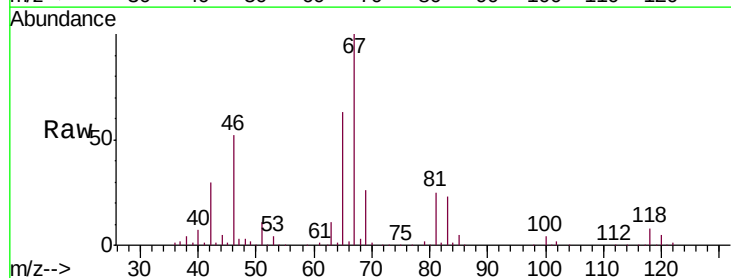
Instrument :
MSVOA_V
ClientSampleId :
C0JZ9

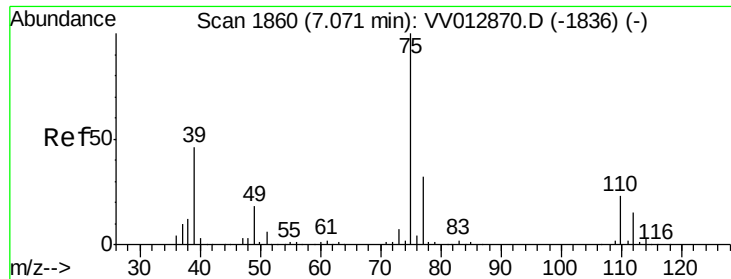
Tgt Ion: 83 Resp: 49597
Ion Ratio Lower Upper
83 100
55 0.6 63.8 95.6#
98 1.6 38.2 57.4#



#37
1,2-Dichloropropane
Concen: 0.812 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV012875.D
Acq: 17 Sep 2019 20:40

Tgt Ion: 63 Resp: 22178
Ion Ratio Lower Upper
63 100
112 0.6 3.8 5.6#



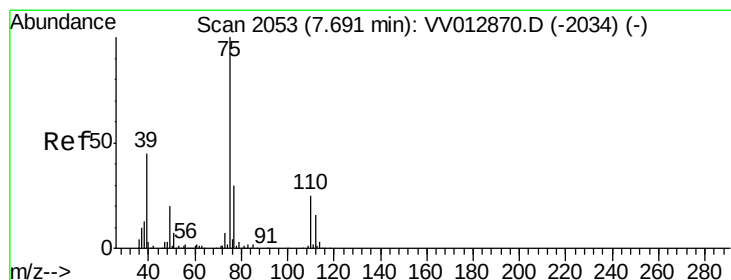
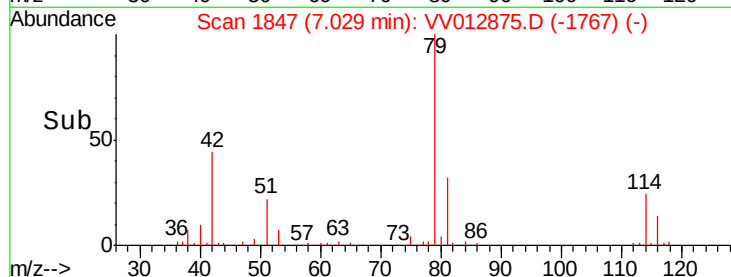
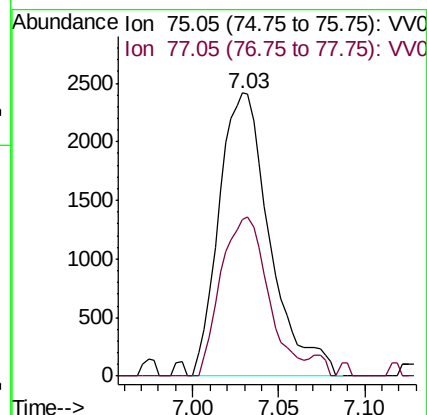
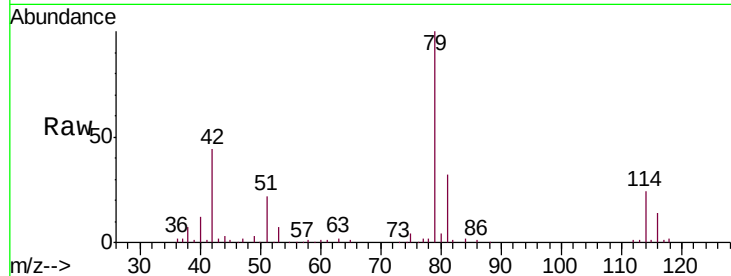


#39

cis-1,3-Dichloropropene
Concen: 0.138 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV012875.D
Acq: 17 Sep 2019 20:40

Instrument :
MSVOA_V
ClientSampled :
C0JZ9

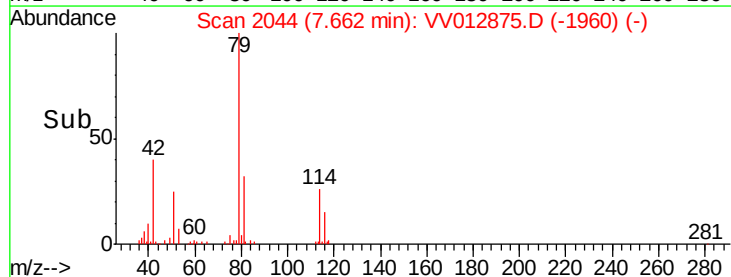
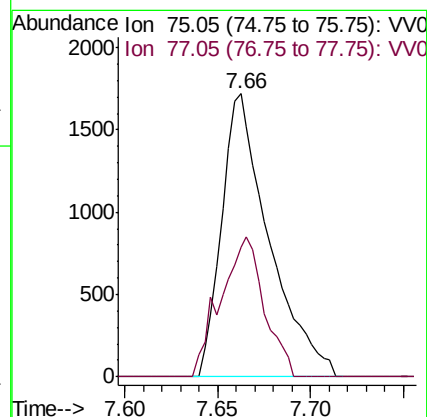
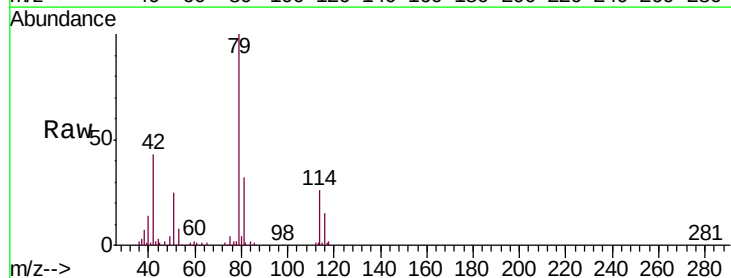
Tgt Ion: 75 Resp: 4986
Ion Ratio Lower Upper
75 100
77 55.4 21.6 40.0#

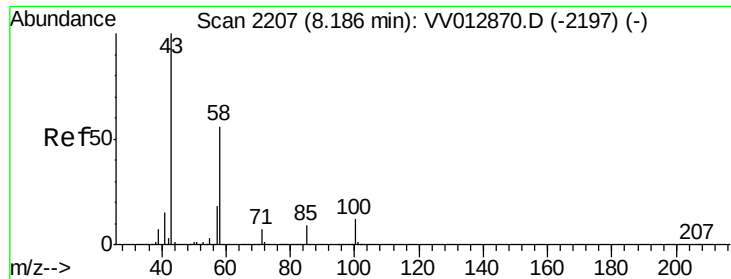


#44

trans-1,3-Dichloropropene
Concen: 0.106 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV012875.D
Acq: 17 Sep 2019 20:40

Tgt Ion: 75 Resp: 3050
Ion Ratio Lower Upper
75 100
77 45.7 22.5 41.7#





#48
 2-Hexanone
 Concen: 3.828 ug/L
 RT: 8.14 min Scan# 2193
 Delta R.T. -0.05 min
 Lab File: VV012875.D
 Acq: 17 Sep 2019 20:40

Instrument :
 MSVOA_V
 ClientSampleId :
 C0JZ9

Tgt Ion: 43 Resp: 48625
 Ion Ratio Lower Upper
 43 100
 58 44.9 44.5 66.7
 57 28.6 15.0 22.6#
 100 2.7 9.7 14.5#

