

Data File : VV011274.D
Acq On : 07 Jun 2019 06:00
Operator : SY/MD
Sample : K3197-19
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F9P27

Quant Time: Jun 07 08:15:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR060419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 07 08:11:19 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	153820	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	137800	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57409	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	52407	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.57	69	37535	3.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.40%
11) 1,1-Dichloroethene-d2	2.12	63	83265	3.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.60%
20) 2-Butanone-d5	3.95	46	149401	56.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	113.88%
24) Chloroform-d	4.40	84	96535	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	55187	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.09	84	196189	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.12	67	62018	4.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.60%
41) Toluene-d8	7.36	98	172415	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.00%
43) trans-1,3-Dichloropropene-	7.67	79	18633	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.13	63	113818	55.66	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.32%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42585	4.92	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	55170	4.87	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.40%

Target Compounds

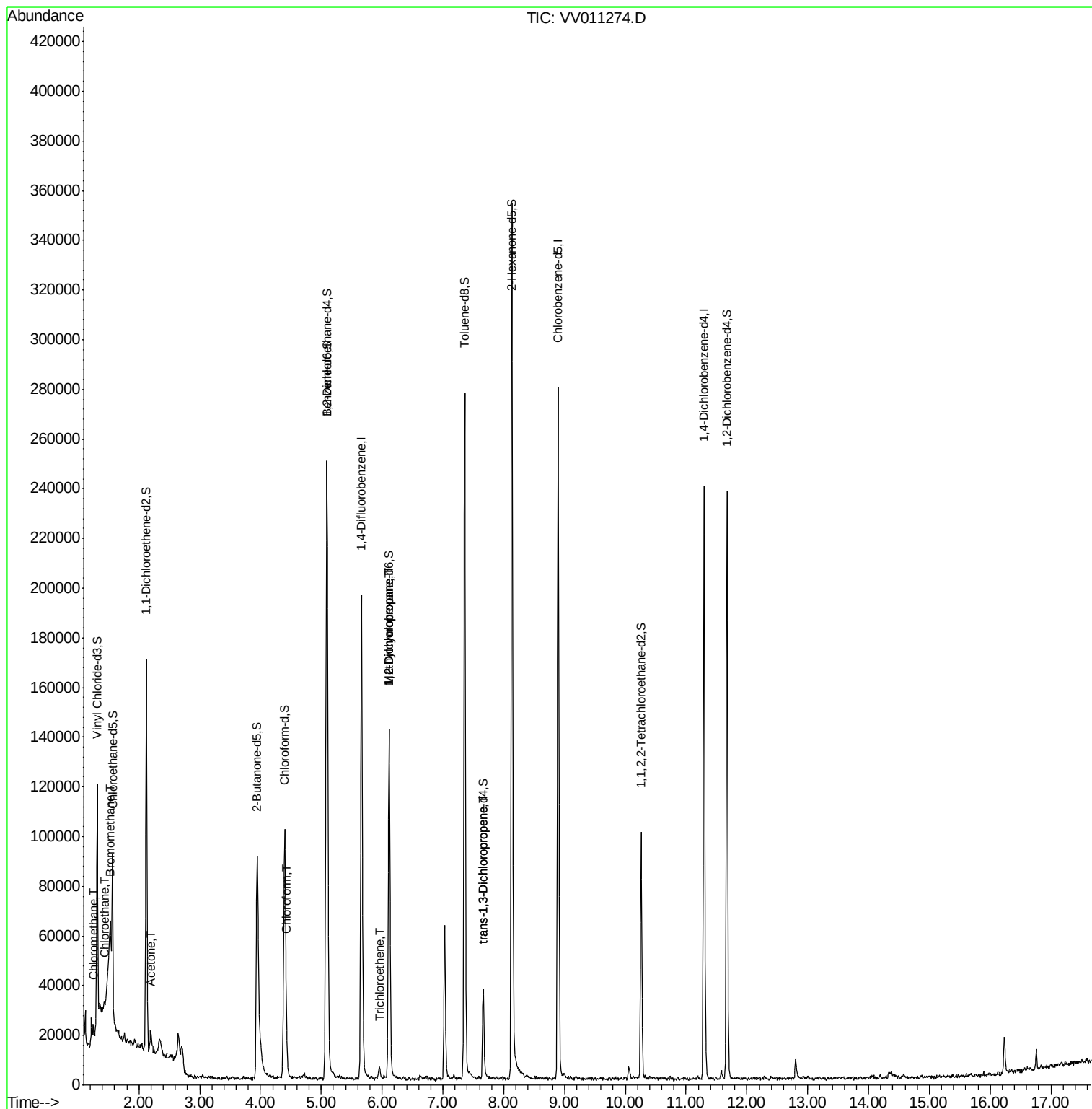
					Qvalue
3) Chloromethane	1.25	50	3362	0.229 ug/L	95
6) Bromomethane	1.52	94	1503	0.204 ug/L	95
8) Chloroethane	1.42	64	1578	0.174 ug/L #	57
13) Acetone	2.20	43	8026	4.562 ug/L	89
25) Chloroform	4.43	83	4580	0.207 ug/L	99
34) Trichloroethene	5.96	95	1162	0.103 ug/L	83
35) Methylcyclohexane	6.12	83	14814	0.791 ug/L #	17
37) 1,2-Dichloropropane	6.12	63	7974	0.731 ug/L #	86
44) trans-1,3-Dichloropropene	7.66	75	1270	0.105 ug/L	99

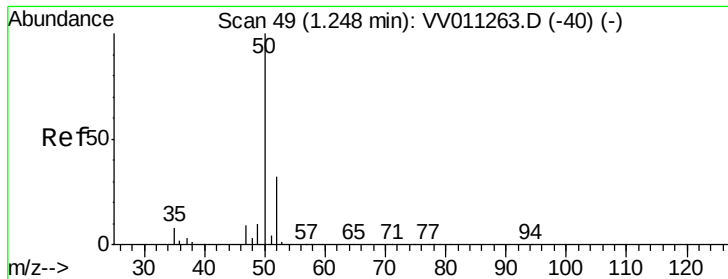
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.229 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

Lab File: VV011274.D

Acq: 07 Jun 2019 06:00

Instrument :

MSVOA_V

ClientSampleId :

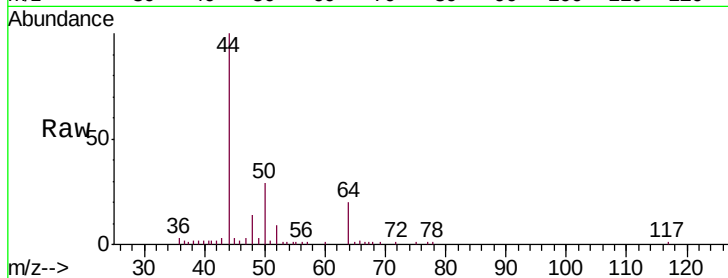
F9P27

Tgt Ion: 50 Resp: 3362

Ion Ratio Lower Upper

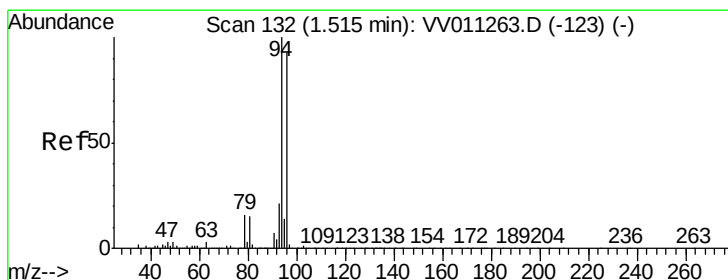
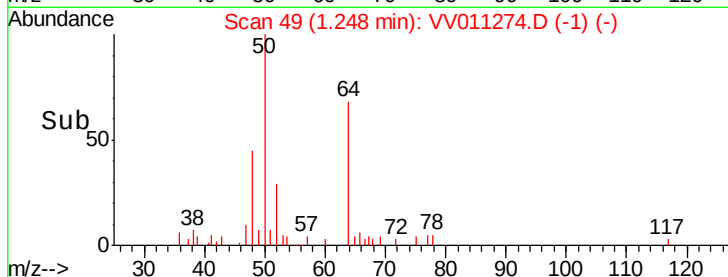
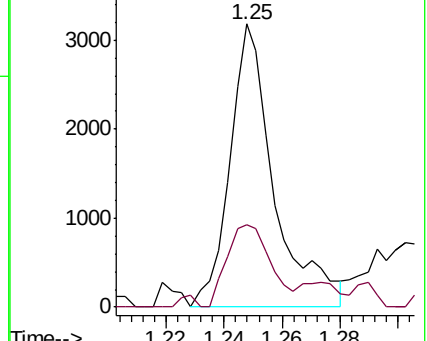
50 100

52 29.2 22.3 41.5



Abundance Ion 50.05 (49.75 to 50.75): VV0

Ion 52.05 (51.75 to 52.75): VV0



#6

Bromomethane

Concen: 0.204 ug/L

RT: 1.52 min Scan# 135

Delta R.T. 0.01 min

Lab File: VV011274.D

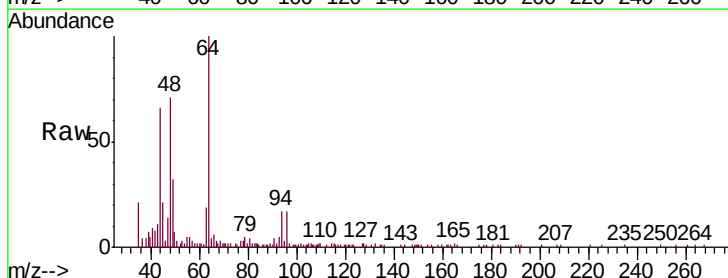
Acq: 07 Jun 2019 06:00

Tgt Ion: 94 Resp: 1503

Ion Ratio Lower Upper

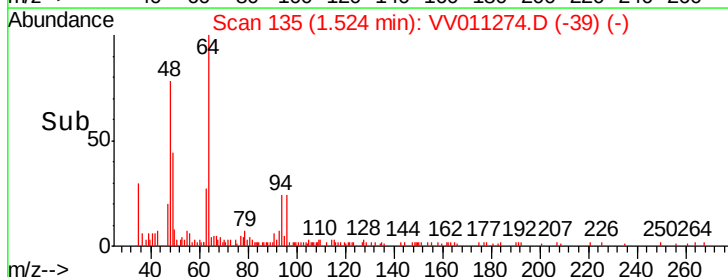
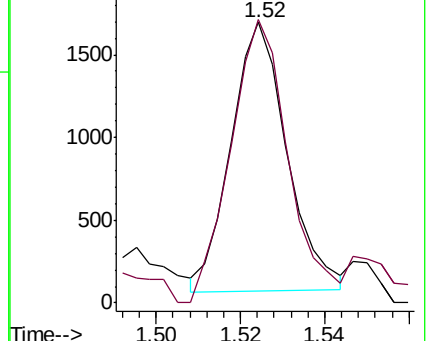
94 100

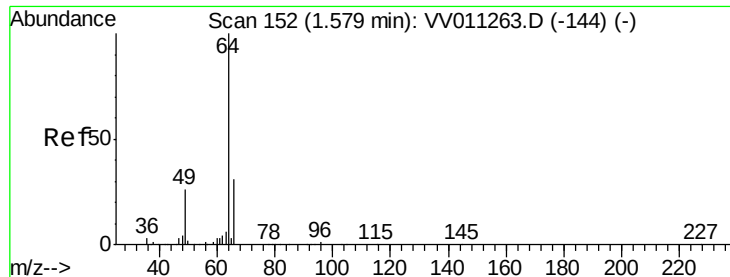
96 100.8 67.0 124.4



Abundance Ion 94.00 (93.70 to 94.70): VV0

Ion 96.00 (95.70 to 96.70): VV0





#8

Chloroethane

Concen: 0.174 ug/L

RT: 1.42 min Scan# 104

Delta R.T. -0.15 min

Lab File: VV011274.D

Acq: 07 Jun 2019 06:00

Instrument :

MSVOA_V

ClientSampled :

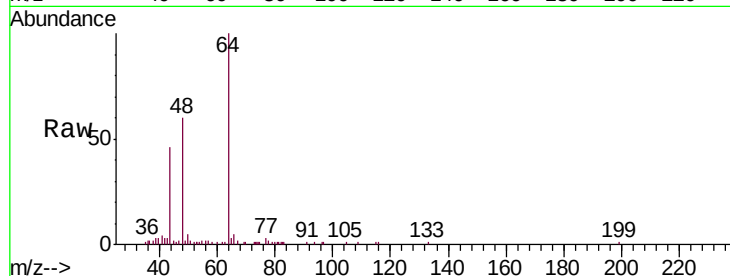
F9P27

Tgt Ion: 64 Resp: 1578

Ion Ratio Lower Upper

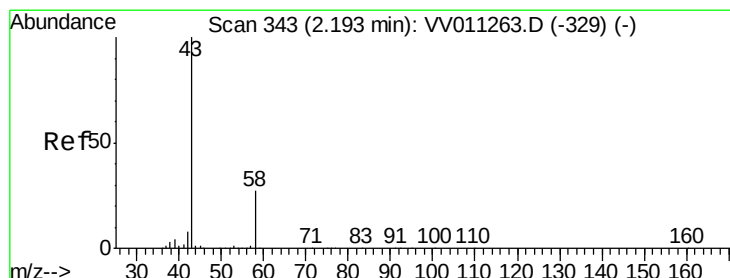
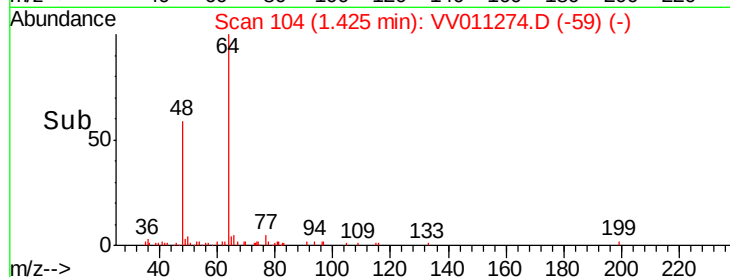
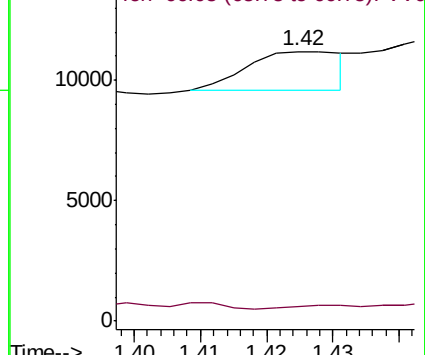
64 100

66 5.4 19.4 36.0#



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#13

Acetone

Concen: 4.562 ug/L

RT: 2.20 min Scan# 345

Delta R.T. 0.01 min

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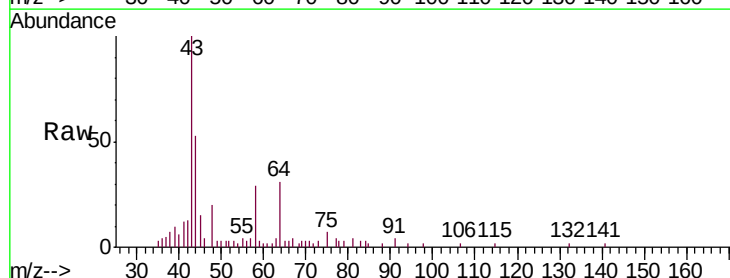
Acq: 07 Jun 2019 06:00

Tgt Ion: 43 Resp: 8026

Ion Ratio Lower Upper

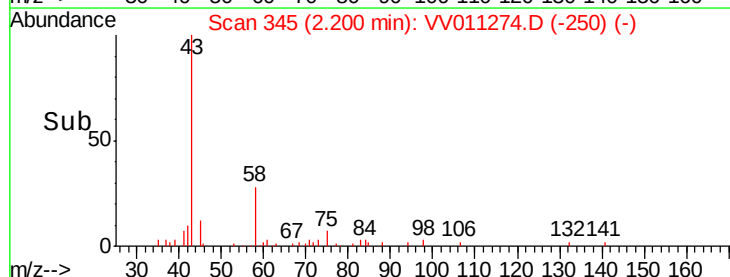
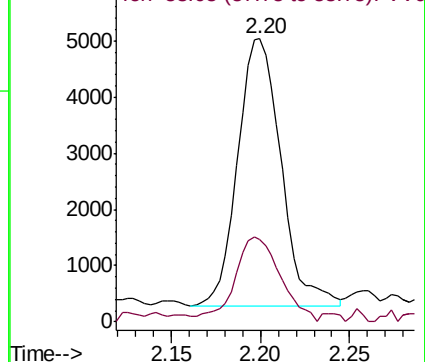
43 100

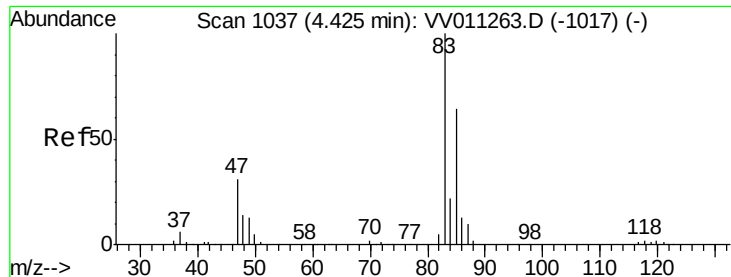
58 33.6 0.0 55.2



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

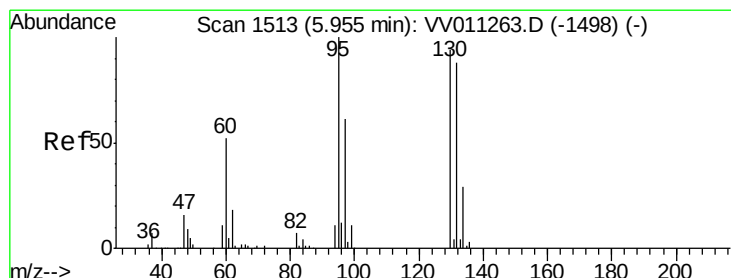
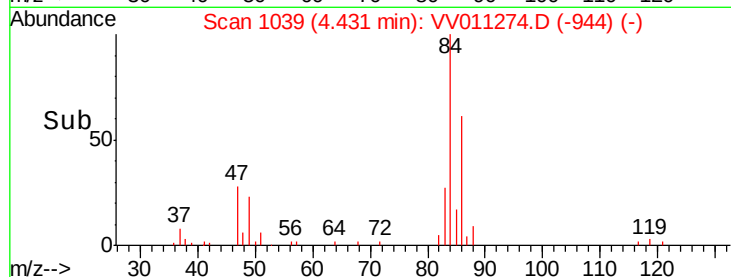
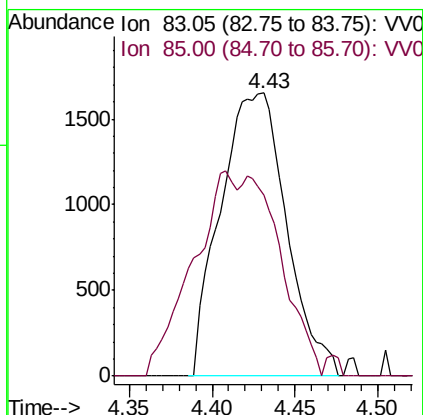
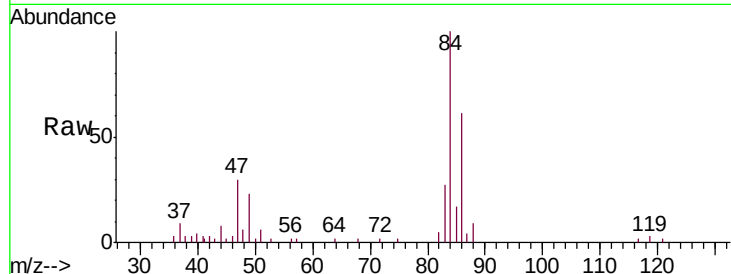




#25
Chloroform
Concen: 0.207 ug/L
RT: 4.43 min Scan# 1039
Delta R.T. 0.01 min
Lab File: VV011274.D
Acq: 07 Jun 2019 06:00

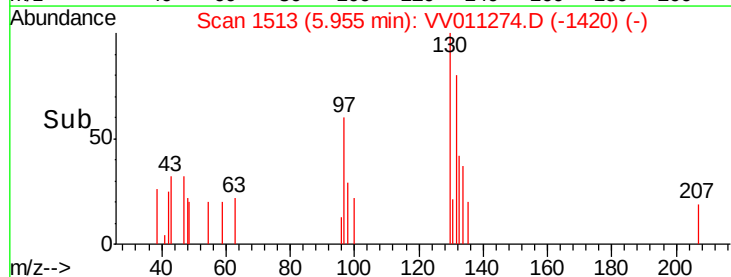
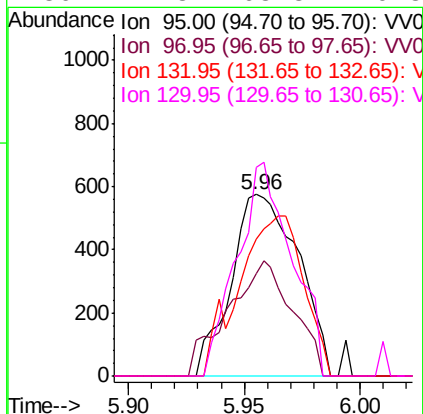
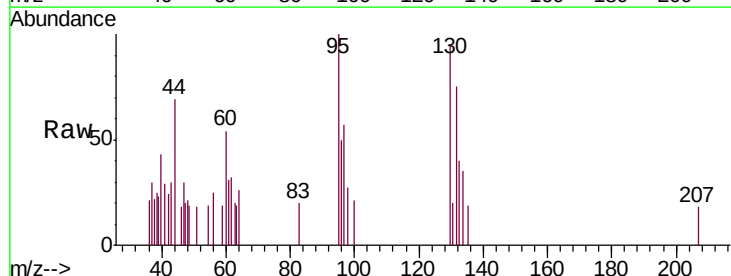
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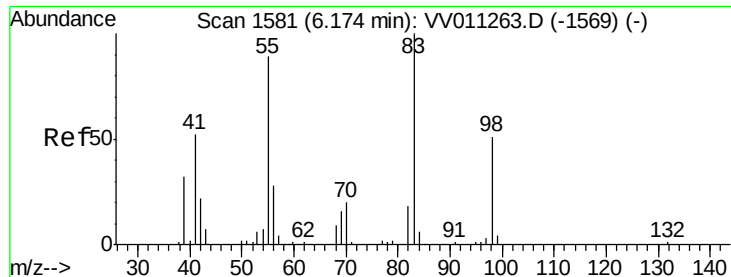
Tgt Ion: 83 Resp: 4580
Ion Ratio Lower Upper
83 100
85 63.9 44.1 81.9



#34
Trichloroethene
Concen: 0.103 ug/L
RT: 5.96 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VV011274.D
Acq: 07 Jun 2019 06:00

Tgt Ion: 95 Resp: 1162
Ion Ratio Lower Upper
95 100
97 56.7 45.8 85.2
132 75.3 66.4 123.2
130 114.8 68.3 126.8

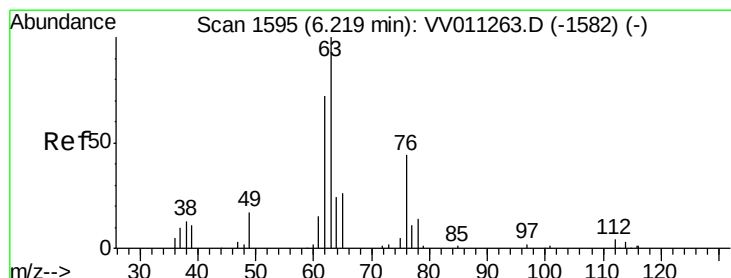
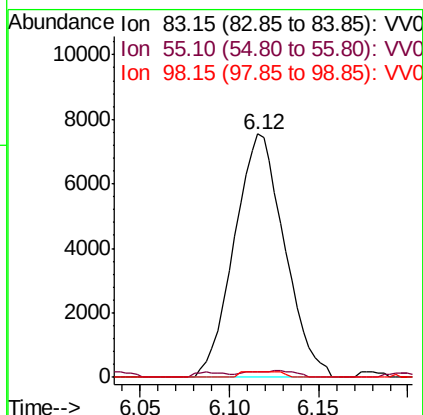
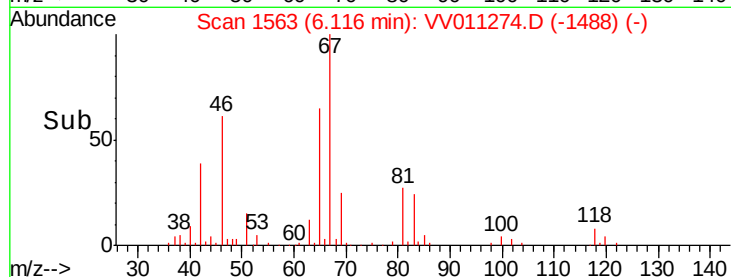
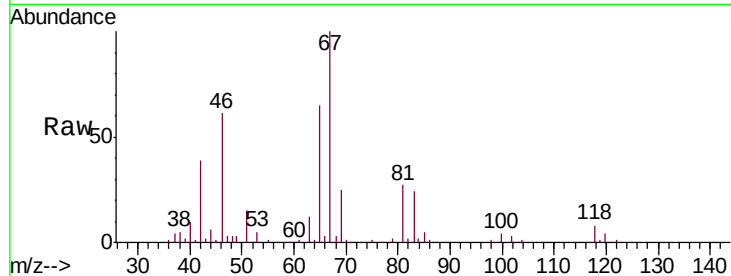




#35
Methylcyclohexane
Concen: 0.791 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.06 min
Lab File: VV011274.D
Acq: 07 Jun 2019 06:00

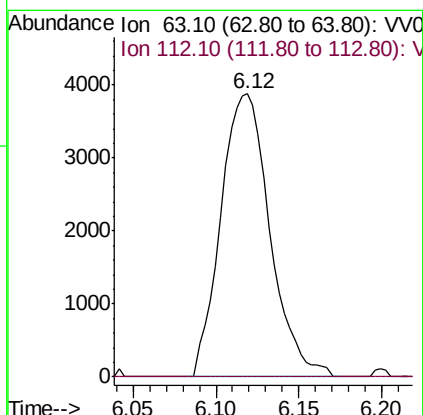
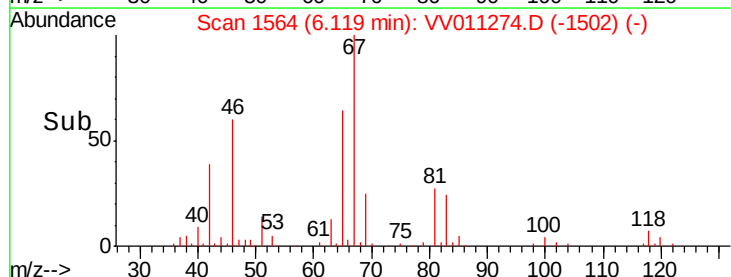
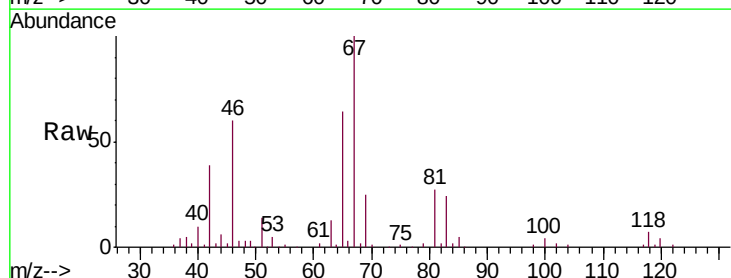
Instrument :
MSVOA_V
ClientSampleId :
F9P27

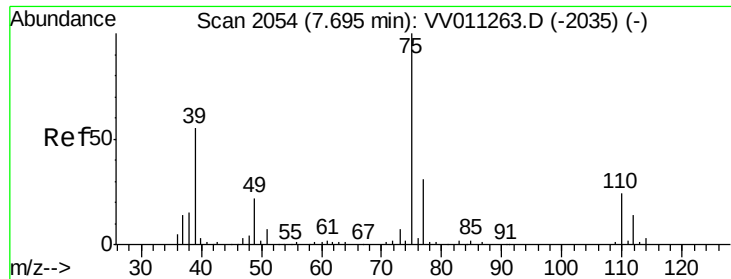
Tgt Ion: 83 Resp: 14814
Ion Ratio Lower Upper
83 100
55 2.6 67.0 100.6#
98 1.1 40.0 60.0#



#37
1,2-Dichloropropane
Concen: 0.731 ug/L
RT: 6.12 min Scan# 1564
Delta R.T. -0.10 min
Lab File: VV011274.D
Acq: 07 Jun 2019 06:00

Tgt Ion: 63 Resp: 7974
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#





#44

trans-1,3-Dichloropropene

Concen: 0.105 ug/L

RT: 7.66 min Scan# 2043

Delta R.T. -0.04 min

Lab File: VV011274.D

Acq: 07 Jun 2019 06:00

Instrument :

MSVOA_V

ClientSampleId :

F9P27

Tgt Ion: 75 Resp: 1270

Ion Ratio Lower Upper

75 100

77 33.8 23.1 42.9

