

Data File : VV011685.D
Acq On : 21 Jun 2019 15:20
Operator : SY/MD
Sample : K3415-01DL 10X
Misc : 25ML/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
GALN8DL

Quant Time: Jun 22 04:15:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Jun 22 04:10:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	156028	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	143514	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57176	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	45822	4.42	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.40%
7) Chloroethane-d5	1.57	69	30529	4.19	ug/L	-0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.80%
11) 1,1-Dichloroethene-d2	2.11	63	72751	3.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.20%
20) 2-Butanone-d5	3.96	46	161214	59.10	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.20%
24) Chloroform-d	4.40	84	84287	4.46	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.20%
26) 1,2-Dichloroethane-d4	5.08	65	58630	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
32) Benzene-d6	5.09	84	197550	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
36) 1,2-Dichloropropane-d6	6.12	67	62484	5.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.40%
41) Toluene-d8	7.36	98	167990	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	7.66	79	19739	4.59	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.80%
46) 2-Hexanone-d5	8.14	63	117447	58.09	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.18%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	45479	5.30	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	106.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	57477	5.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.60%

Target Compounds

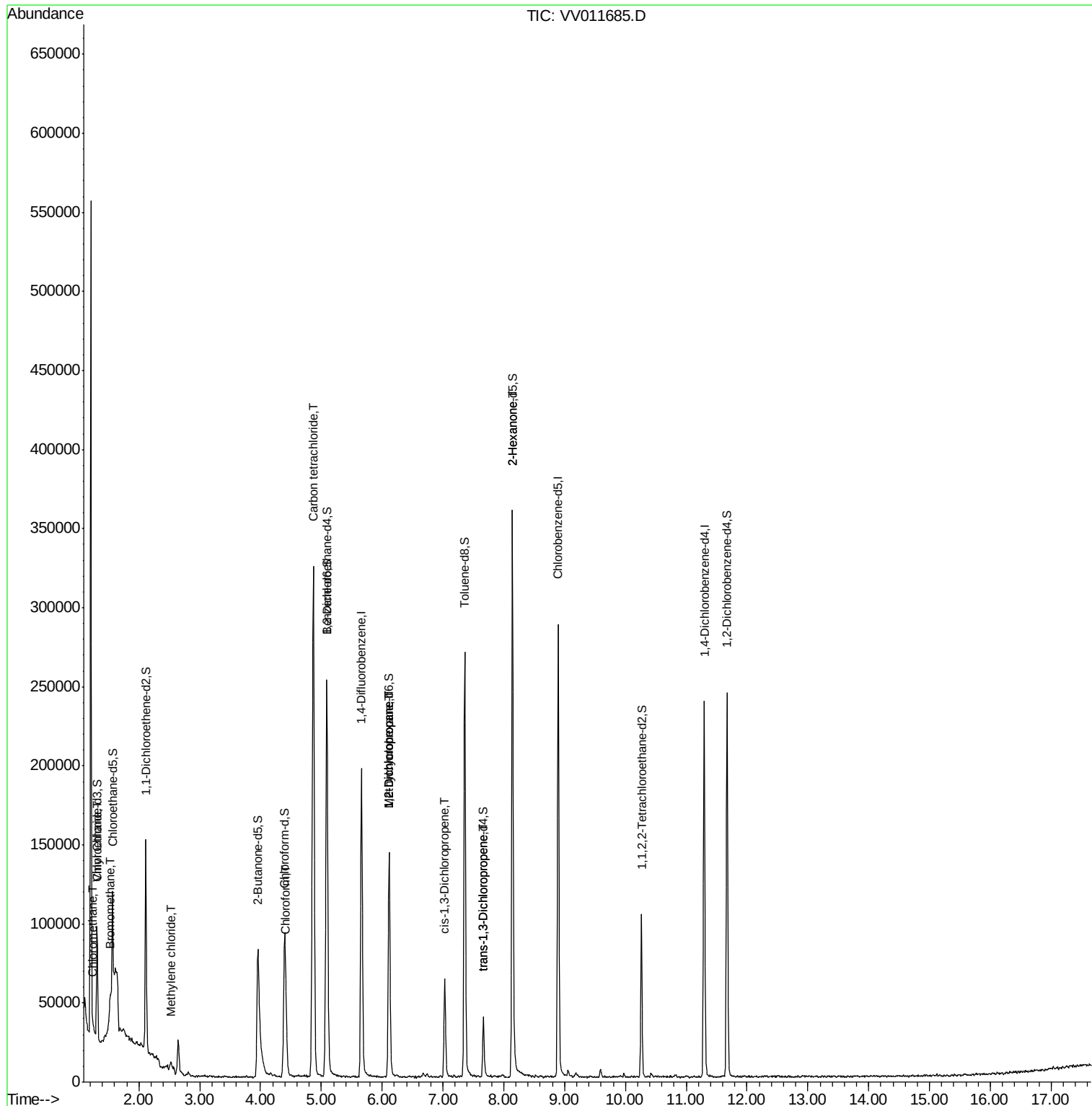
						Qvalue
3) Chloromethane	1.25	50	2159	0.147	ug/L	97
6) Bromomethane	1.53	94	2687	0.427	ug/L	86
8) Chloroethane	1.32	64	1024	0.136	ug/L	84
16) Methylene chloride	2.53	84	1374	0.128	ug/L	95
25) Chloroform	4.42	83	20836	0.841	ug/L	89
31) Carbon tetrachloride	4.87	117	225832	14.458	ug/L	99
35) Methylcyclohexane	6.12	83	15602	0.766	ug/L #	15
37) 1,2-Dichloropropane	6.12	63	7750	0.642	ug/L #	88
39) cis-1,3-Dichloropropene	7.03	75	1937	0.122	ug/L	96
44) trans-1,3-Dichloropropene	7.66	75	1262	0.107	ug/L #	59
48) 2-Hexanone	8.14	43	17402	3.266	ug/L #	70

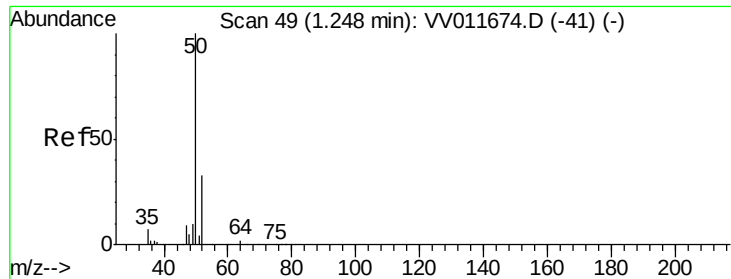
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Chloromethane

Concen: 0.147 ug/L

RT: 1.25 min Scan# 49

Delta R.T. -0.00 min

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Instrument :

MSVOA_V

ClientSampleId :

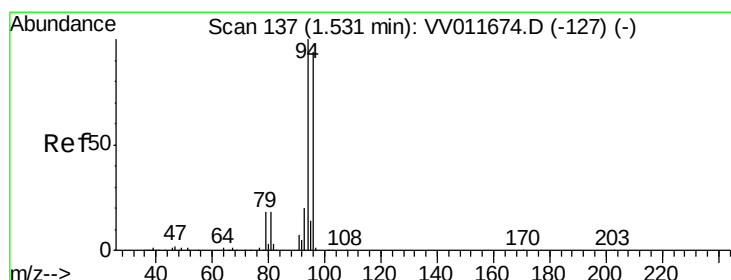
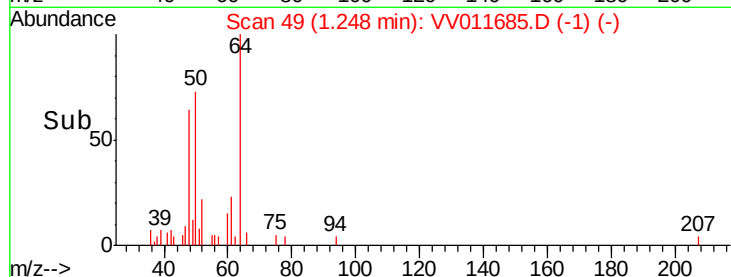
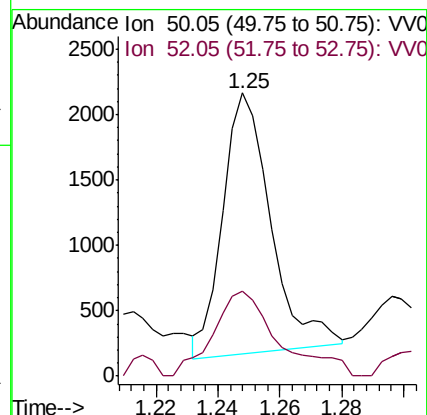
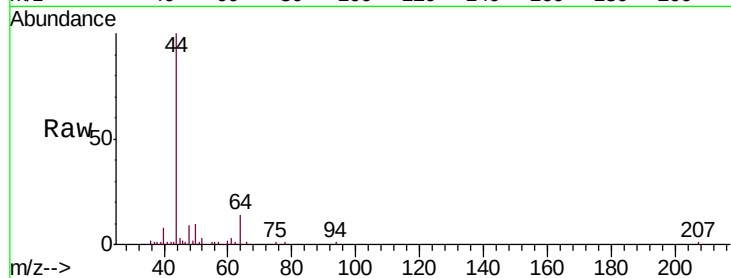
GALN8DL

Tgt Ion: 50 Resp: 2159

Ion Ratio Lower Upper

50 100

52 29.9 22.0 40.8



#6

Bromomethane

Concen: 0.427 ug/L

RT: 1.53 min Scan# 136

Delta R.T. -0.00 min

Lab File: VV011685.D

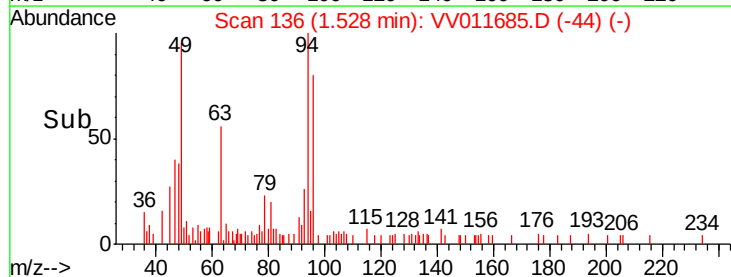
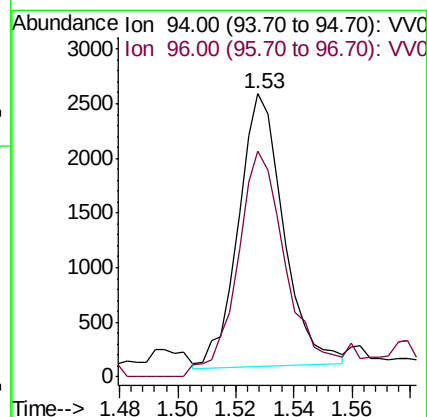
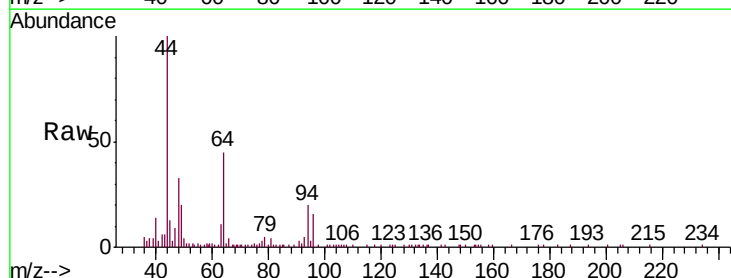
Acq: 21 Jun 2019 15:20

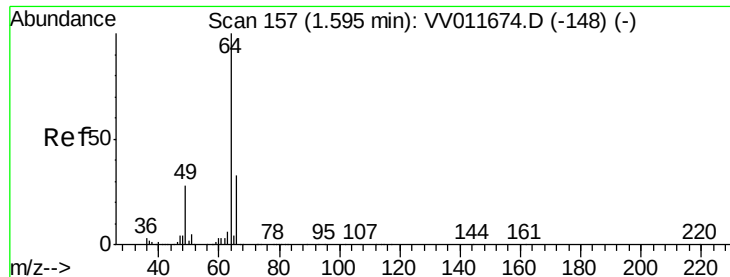
Tgt Ion: 94 Resp: 2687

Ion Ratio Lower Upper

94 100

96 79.6 65.2 121.2





#8

Chloroethane

Concen: 0.136 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV011685.D

Acq: 21 Jun 2019 15:20

Instrument :

MSVOA_V

ClientSampleId :

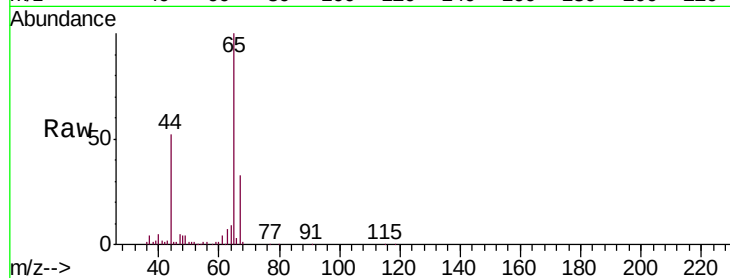
GALN8DL

Tgt Ion: 64 Resp: 1024

Ion Ratio Lower Upper

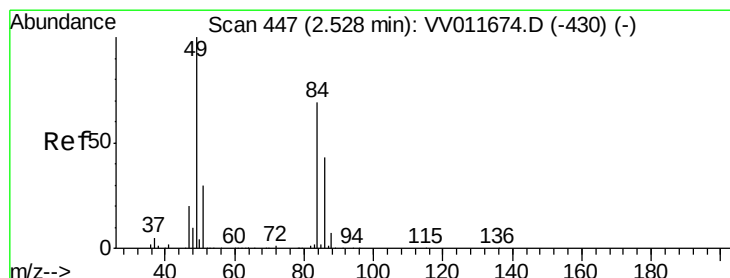
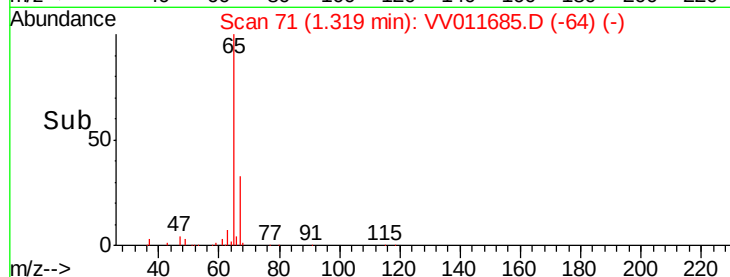
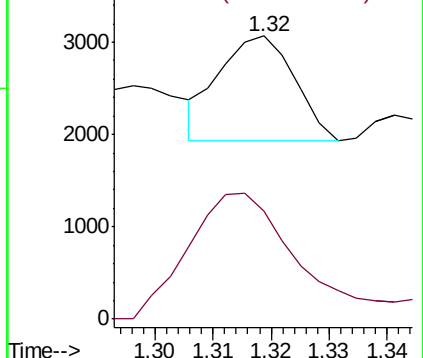
64 100

66 38.0 20.6 38.4



Abundance Ion 64.10 (63.80 to 64.80): VV0

Ion 66.05 (65.75 to 66.75): VV0



#16

Methylene chloride

Concen: 0.128 ug/L

RT: 2.53 min Scan# 447

Delta R.T. -0.00 min

Lab File: VV011685.D

Acq: 21 Jun 2019 15:20

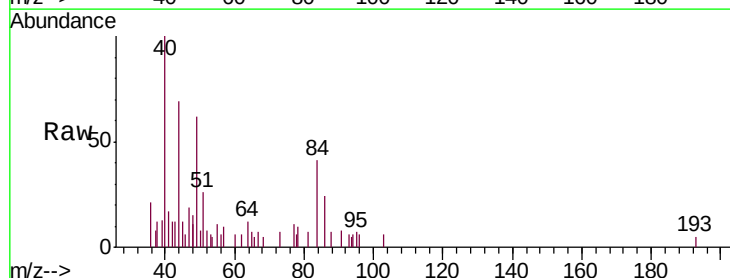
Tgt Ion: 84 Resp: 1374

Ion Ratio Lower Upper

84 100

86 58.8 44.9 83.5

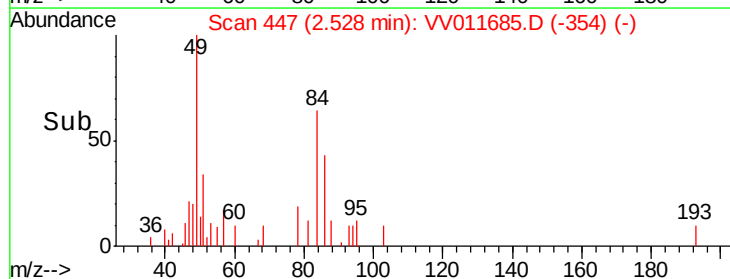
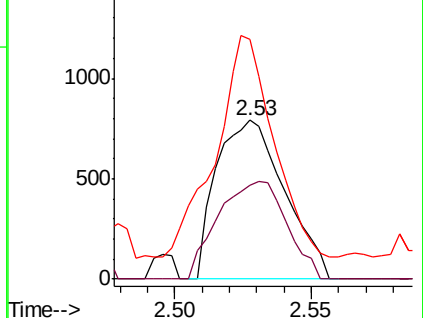
49 150.8 101.4 188.2

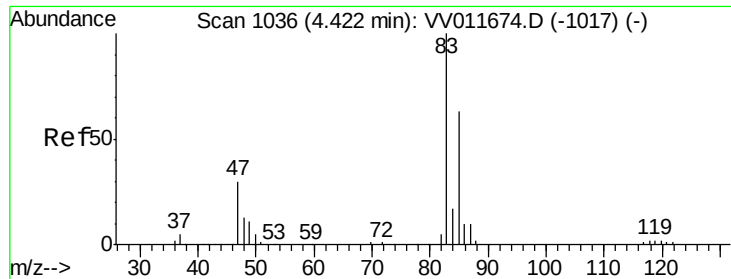


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0

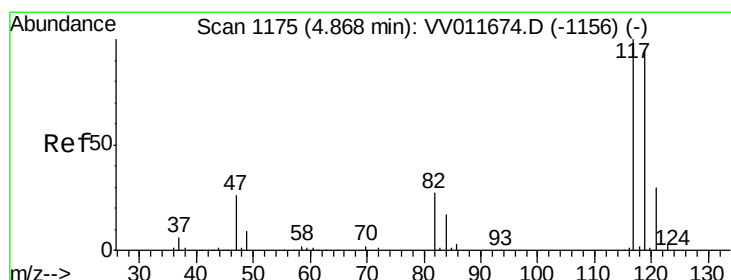
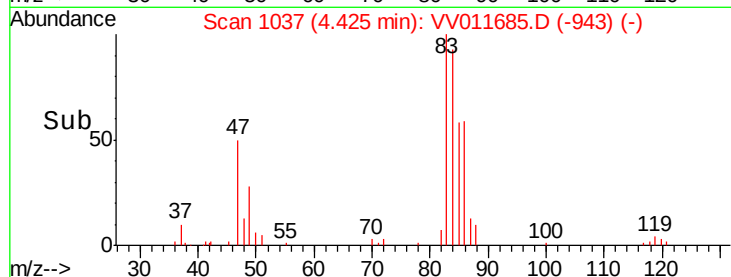
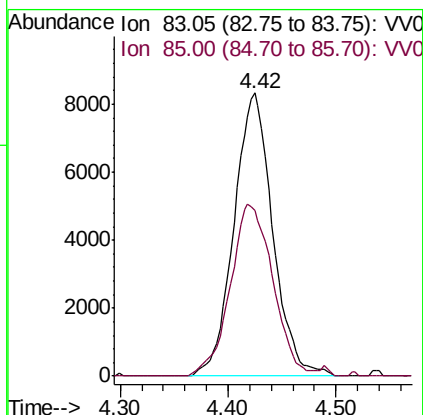
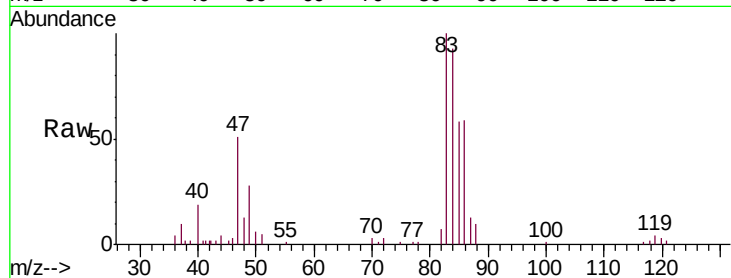




#25
Chloroform
Concen: 0.841 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV011685.D
Acq: 21 Jun 2019 15:20

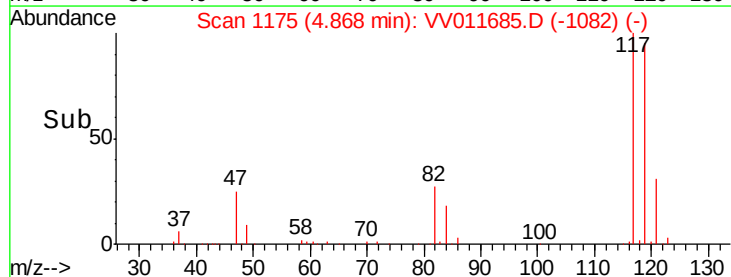
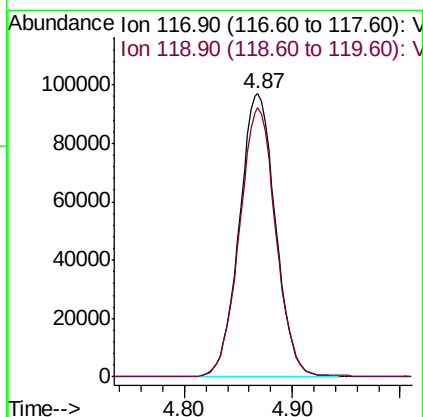
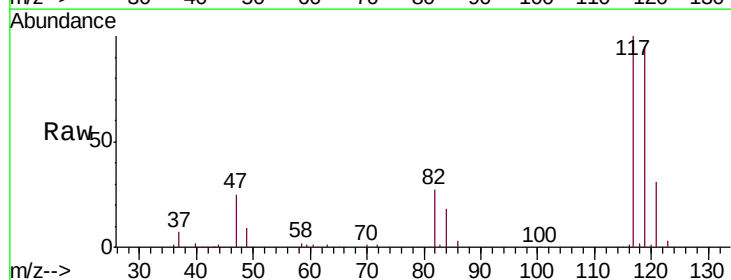
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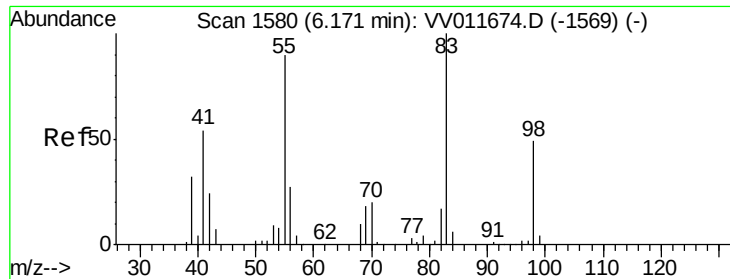
Tgt Ion: 83 Resp: 20836
Ion Ratio Lower Upper
83 100
85 58.3 47.0 87.2



#31
Carbon tetrachloride
Concen: 14.458 ug/L
RT: 4.87 min Scan# 1175
Delta R.T. -0.00 min
Lab File: VV011685.D
Acq: 21 Jun 2019 15:20

Tgt Ion: 117 Resp: 225832
Ion Ratio Lower Upper
117 100
119 95.5 77.1 115.7

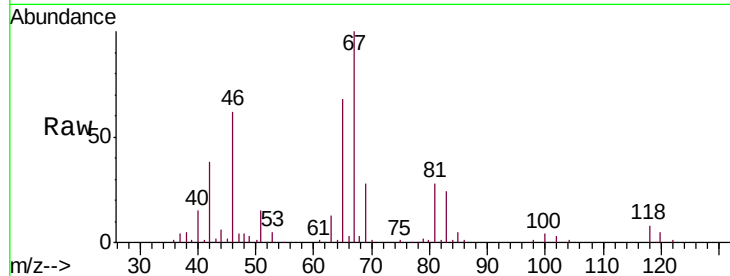




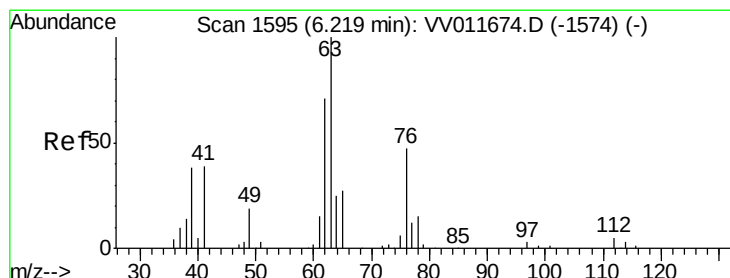
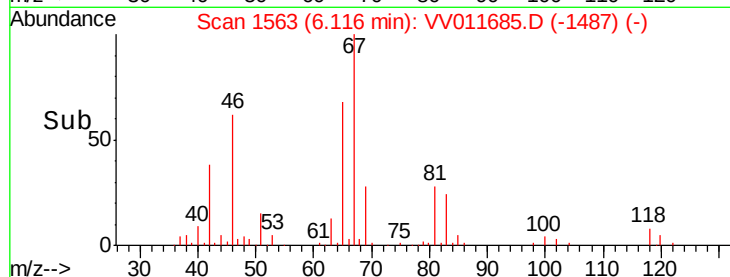
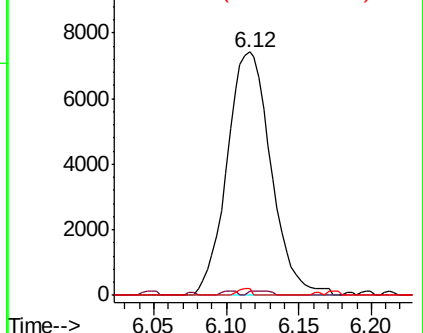
#35
Methylcyclohexane
Concen: 0.766 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV011685.D
Acq: 21 Jun 2019 15:20

Instrument :
MSVOA_V
ClientSampleId :
GALN8DL

Tgt Ion: 83 Resp: 15602
Ion Ratio Lower Upper
83 100
55 0.9 69.4 104.2#
98 0.8 40.2 60.4#

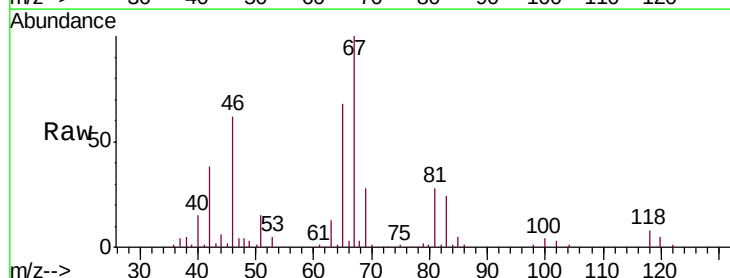


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

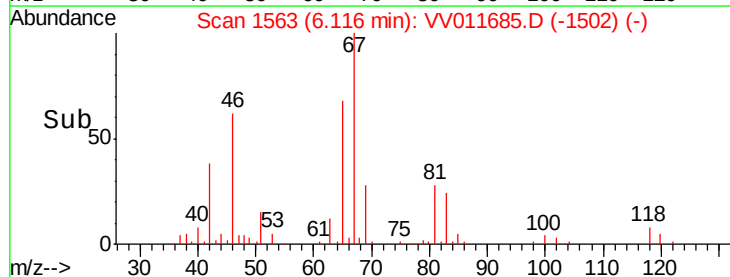
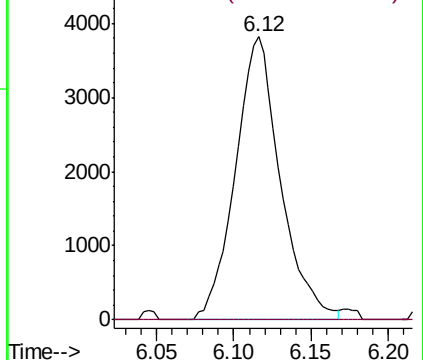


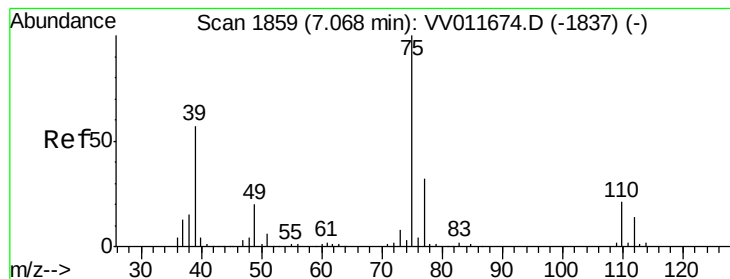
#37
1,2-Dichloropropane
Concen: 0.642 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.10 min
Lab File: VV011685.D
Acq: 21 Jun 2019 15:20

Tgt Ion: 63 Resp: 7750
Ion Ratio Lower Upper
63 100
112 0.3 3.4 5.2#



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



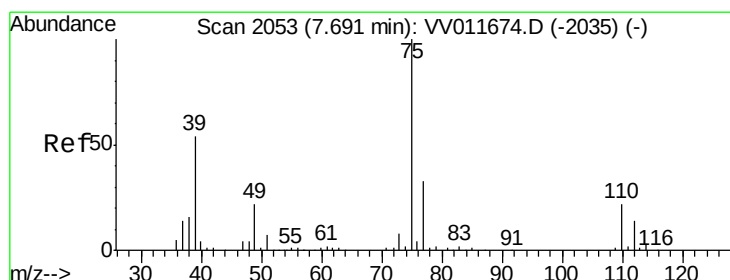
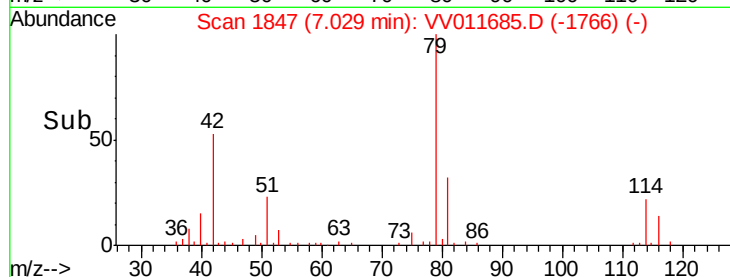
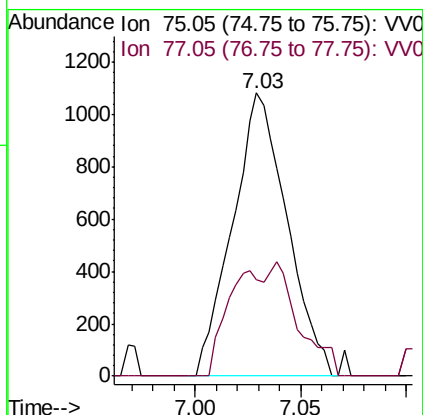
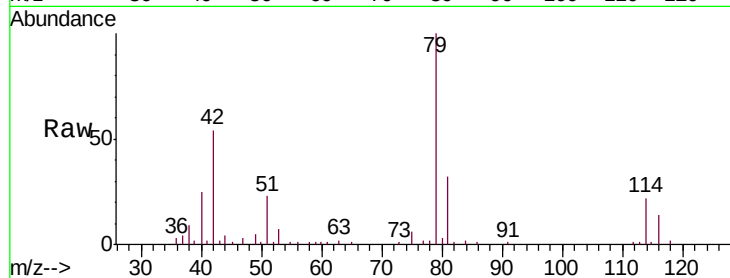


#39

cis-1,3-Dichloropropene
Concen: 0.122 ug/L
RT: 7.03 min Scan# 1847
Delta R.T. -0.04 min
Lab File: VV011685.D
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Instrument :
MSVOA_V
ClientSampleId :
GALN8DL

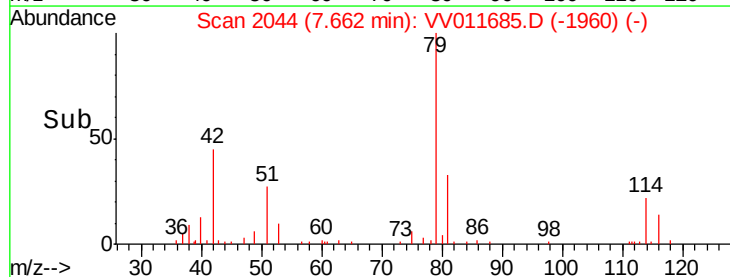
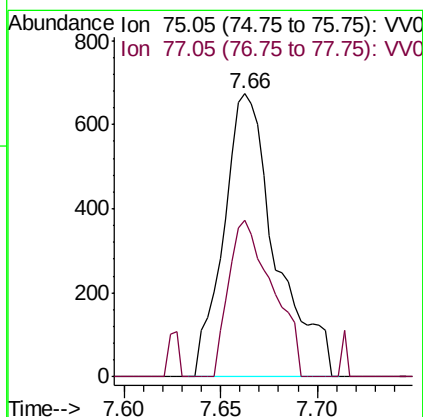
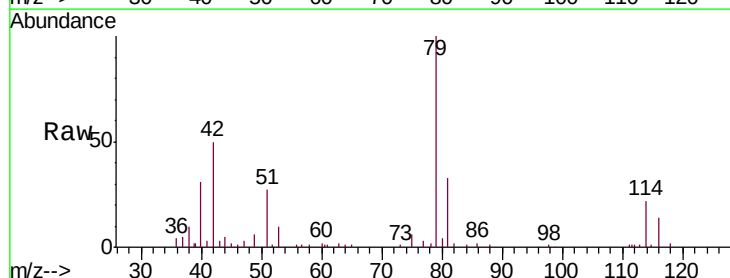
Tgt Ion: 75 Resp: 1937
Ion Ratio Lower Upper
75 100
77 34.3 22.4 41.6

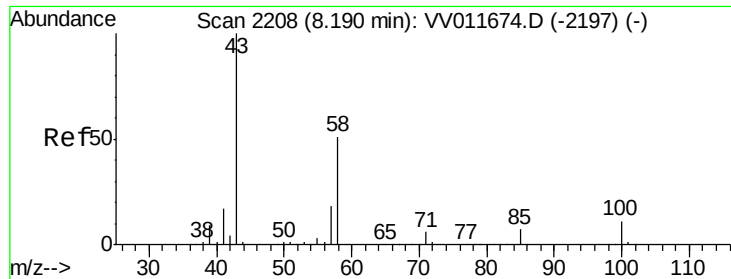


#44

trans-1,3-Dichloropropene
Concen: 0.107 ug/L
RT: 7.66 min Scan# 2044
Delta R.T. -0.03 min
Lab File: VV011685.D
Acq: 21 Jun 2019 15:20

Tgt Ion: 75 Resp: 1262
Ion Ratio Lower Upper
75 100
77 55.4 22.7 42.1#





#48

2-Hexanone

Concen: 3.266 ug/L

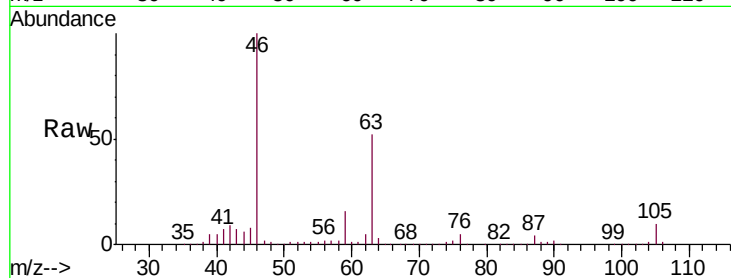
RT: 8.14 min Scan# 2193

Delta R.T. -0.05 min

Lab File: VV011685.D

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Tgt Ion:	43	Resp:	17402
Ion	Ratio	Lower	Upper
43	100		
58	25.6	40.1	60.1#
57	25.1	14.4	21.6#
100	0.8	8.6	12.8#

