

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102219\
 Data File : VV013275.D
 Acq On : 22 Oct 2019 13:37
 Operator : SY/MD
 Sample : K5462-09DL 20X
 Misc : 25.00ML/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Oct 23 01:25:52 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 23 01:23:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	437418	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	470986	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	231758	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	189064	5.86	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	117.20%
7) Chloroethane-d5	1.58	69	155325	5.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	116.80%
11) 1,1-Dichloroethene-d2	2.13	63	231513	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.96	46	328954	53.12	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.24%
24) Chloroform-d	4.40	84	401668	5.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.00%
26) 1,2-Dichloroethane-d4	5.08	65	191377	5.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	108.80%
32) Benzene-d6	5.09	84	801498	5.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.20%
36) 1,2-Dichloropropane-d6	6.12	67	240756	5.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	105.00%
41) Toluene-d8	7.36	98	638068	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	79174	4.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.20%
46) 2-Hexanone-d5	8.14	63	231997	37.49	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	74.98%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	168062	5.07	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	101.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	258987	5.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.80%

Target Compounds

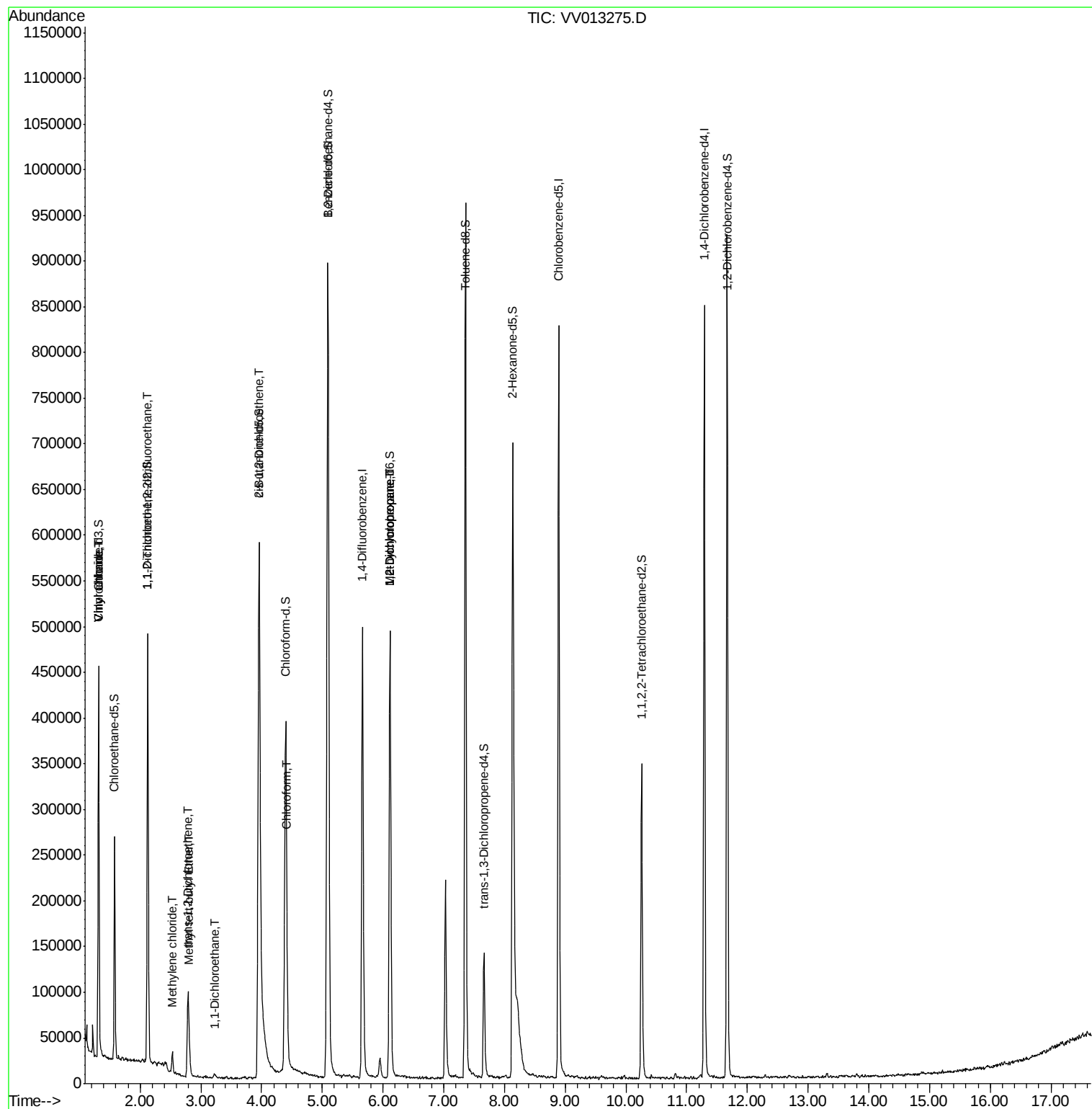
					Ovalue
5) Vinyl chloride	1.32	62	85408	2.023	ug/L 98
8) Chloroethane	1.32	64	26703	1.061	ug/L # 67
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2780	0.077	ug/L # 22
16) Methylene chloride	2.53	84	9909	0.192	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	26910	0.338	ug/L # 86
18) trans-1,2-Dichloroethene	2.79	96	32556	0.803	ug/L 88
19) 1,1-Dichloroethane	3.22	63	3530	0.054	ug/L 94
22) cis-1,2-Dichloroethene	3.96	96	282795	6.517	ug/L # 88
25) Chloroform	4.42	83	10969	0.128	ug/L 89
35) Methylcyclohexane	6.12	83	60374	0.813	ug/L # 18
37) 1,2-Dichloropropane	6.12	63	25463	0.583	ug/L # 88

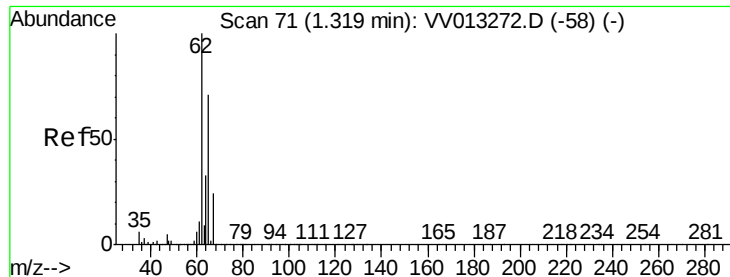
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Oct 23 01:23:09 2019
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.023 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV013275.D

Acq: 22 Oct 2019 13:37

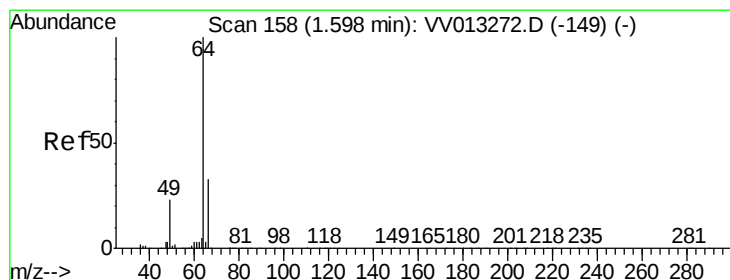
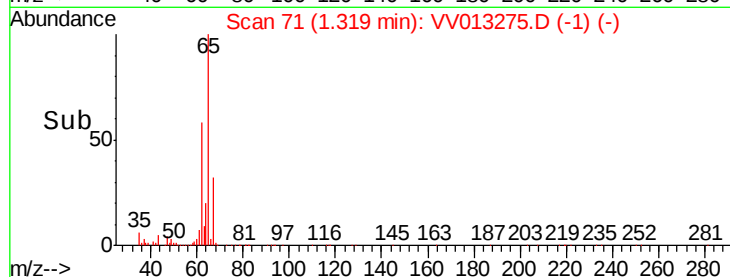
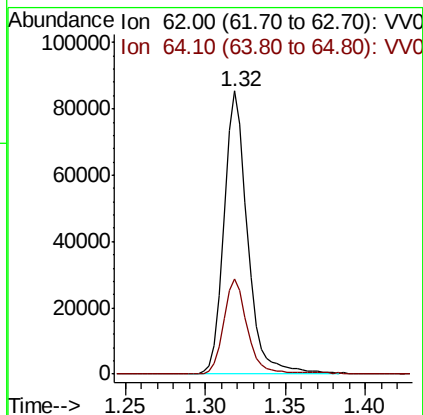
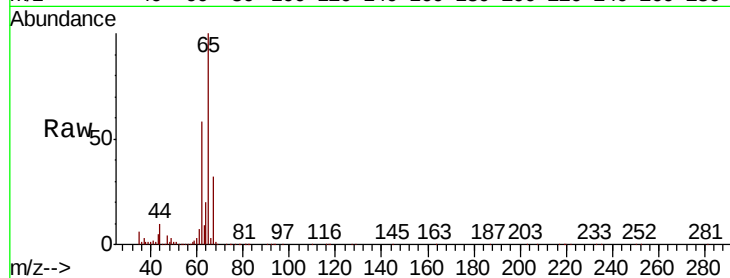
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 62 Resp: 85408

Ion Ratio Lower Upper

62 100

64 33.8 22.9 42.5



#8

Chloroethane

Concen: 1.061 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.28 min

Lab File: VV013275.D

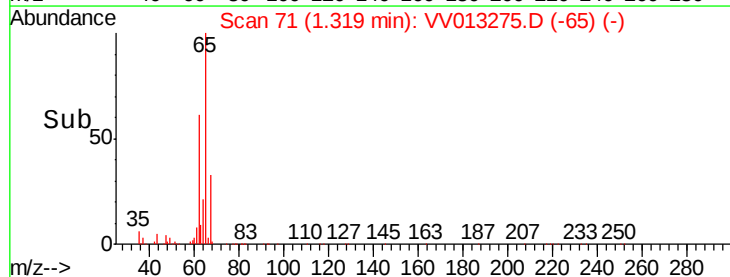
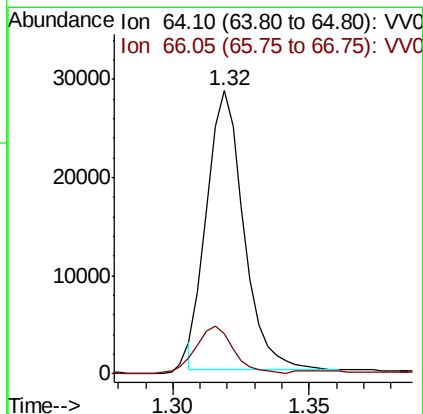
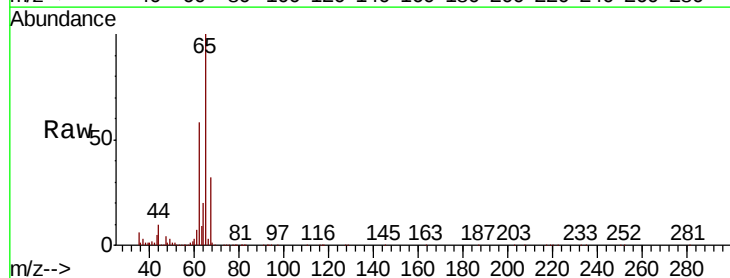
Acq: 22 Oct 2019 13:37

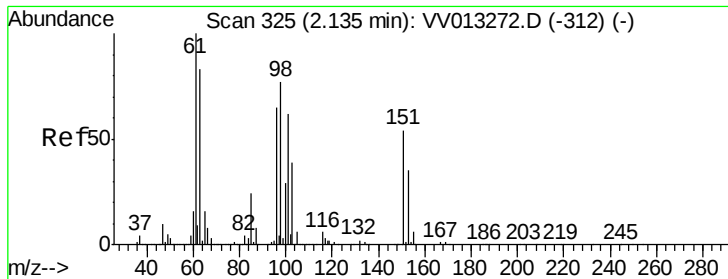
Tgt Ion: 64 Resp: 26703

Ion Ratio Lower Upper

64 100

66 14.2 22.7 42.3#





#10

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

Concen: 0.077 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013275.D

Acq: 22 Oct 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

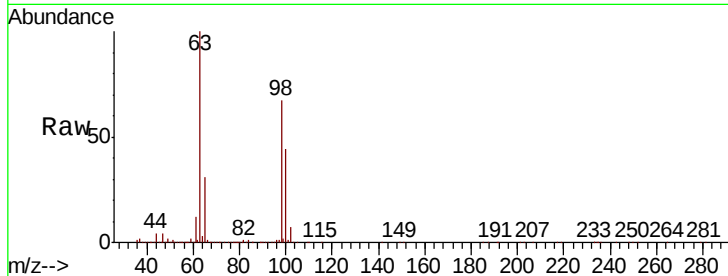
Tot Ion:101 Resp: 2780

Ion Ratio Lower Upper

101 100

85 11.2 31.8 47.8#

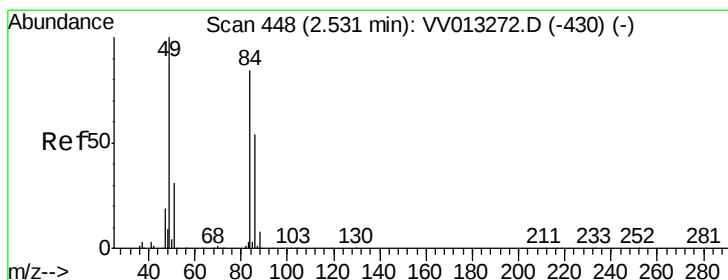
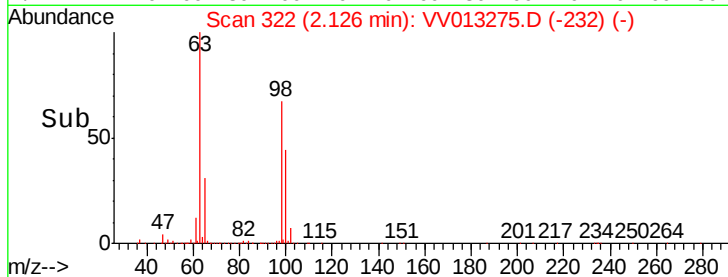
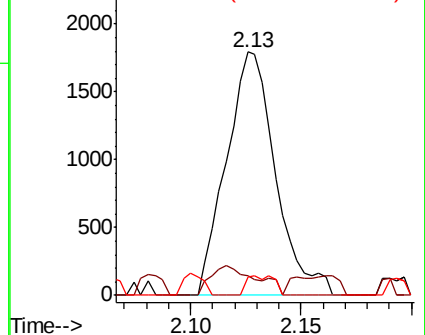
151 4.5 72.9 109.3#



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



#16

Methylene chloride

Concen: 0.192 ug/L

RT: 2.53 min Scan# 448

Delta R.T. 0.00 min

Lab File: VV013275.D

Acq: 22 Oct 2019 13:37

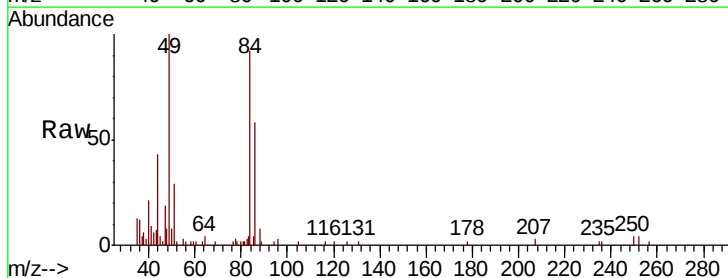
Tgt Ion: 84 Resp: 9909

Ion Ratio Lower Upper

84 100

86 62.7 46.2 85.8

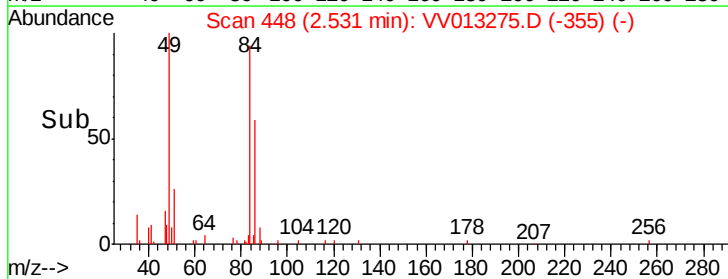
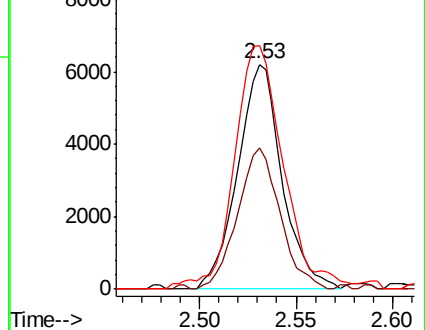
49 108.4 76.4 141.8

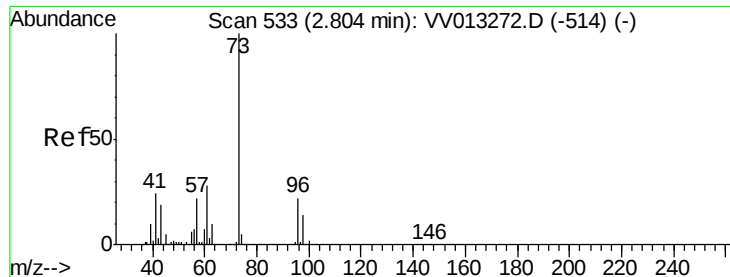


Abundance Ion 84.05 (83.75 to 84.75): VV0

Ion 86.00 (85.70 to 86.70): VV0

Ion 49.10 (48.80 to 49.80): VV0



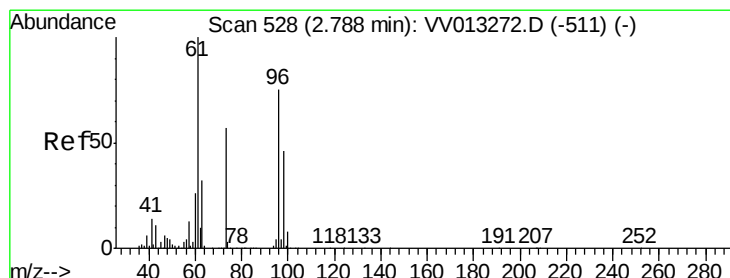
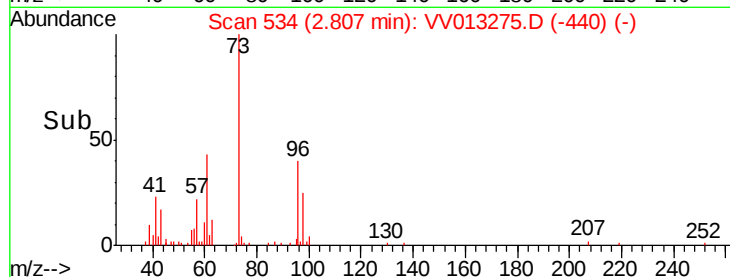
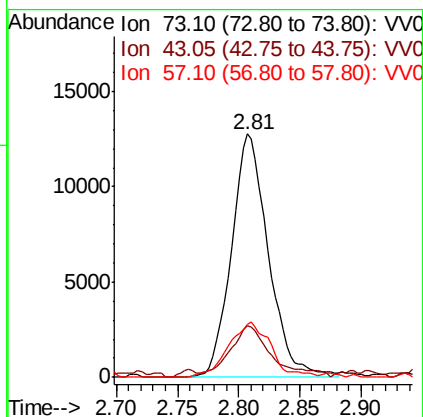
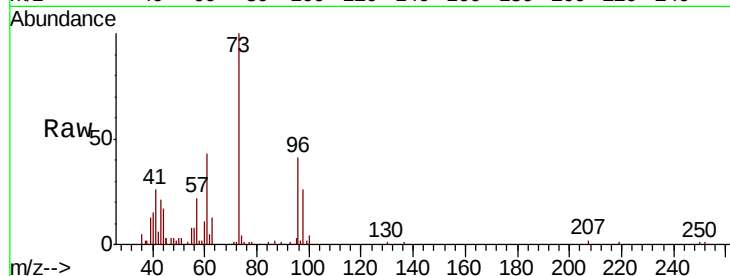


#17

Methvl tert-butvl Ether
 Concen: 0.338 ug/L
 RT: 2.81 min Scan# 534
 Delta R.T. 0.00 min
 Lab File: VV013275.D
 Acq: 22 Oct 2019 13:37

Instrument :
 MSVOA_V
 ClientSampleId :

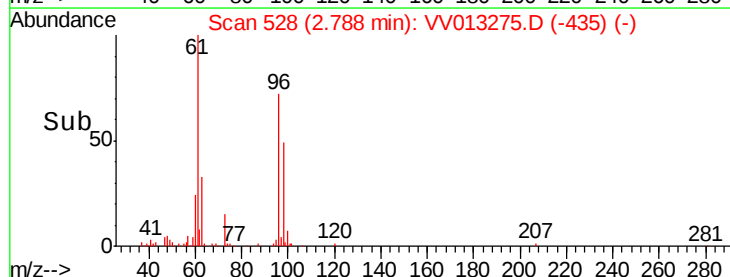
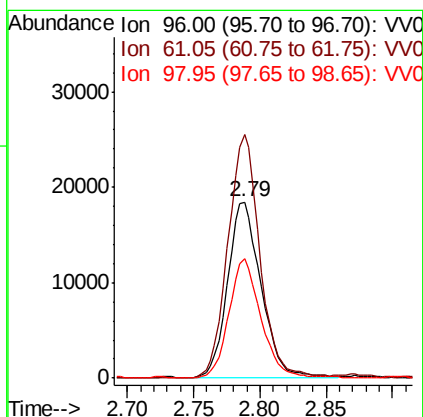
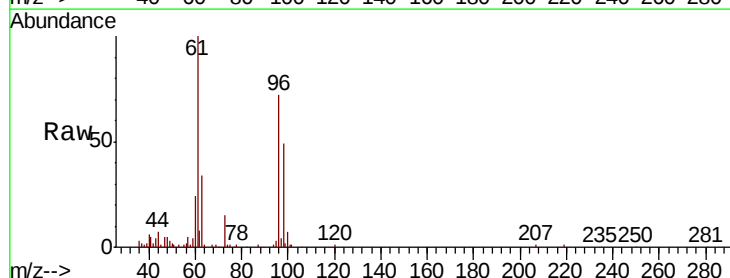
Tot Ion	Ratio	Lower	Upper
73	100		
43	24.0	13.1	19.7#
57	26.0	16.4	24.6#

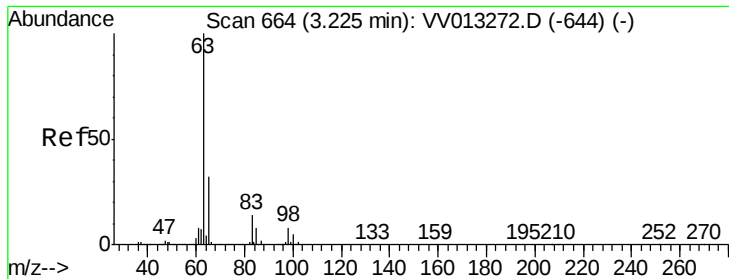


#18

trans-1,2-Dichloroethene
 Concen: 0.803 ug/L
 RT: 2.79 min Scan# 528
 Delta R.T. 0.00 min
 Lab File: VV013275.D
 Acq: 22 Oct 2019 13:37

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.4	84.4	156.8
98	67.6	44.4	82.4





#19

1,1-Dichloroethane

Concen: 0.054 ug/L

RT: 3.22 min Scan# 662

Delta R.T. -0.01 min

Lab File: VV013275.D

Acq: 22 Oct 2019 13:37

Instrument :

MSVOA_V

ClientSampleId :

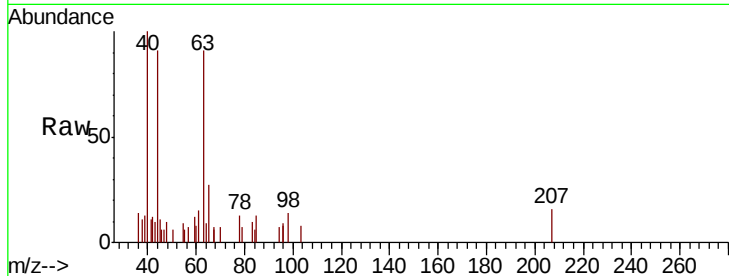
Tot Ion: 63 Resp: 3530

Ion Ratio Lower Upper

63 100

65 29.8 23.0 42.8

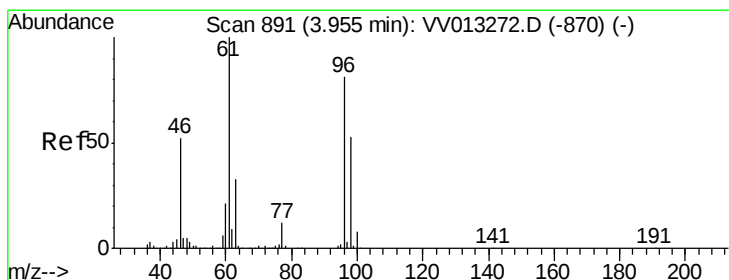
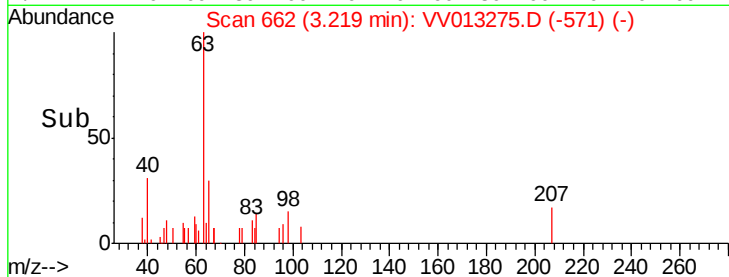
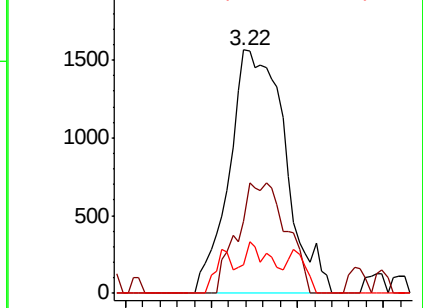
83 11.5 10.2 19.0



Abundance Ion 63.10 (62.80 to 63.80): VV0

Ion 65.10 (64.80 to 65.80): VV0

Ion 83.05 (82.75 to 83.75): VV0



#22

cis-1,2-Dichloroethene

Concen: 6.517 ug/L

RT: 3.96 min Scan# 892

Delta R.T. 0.00 min

Lab File: VV013275.D

Acq: 22 Oct 2019 13:37

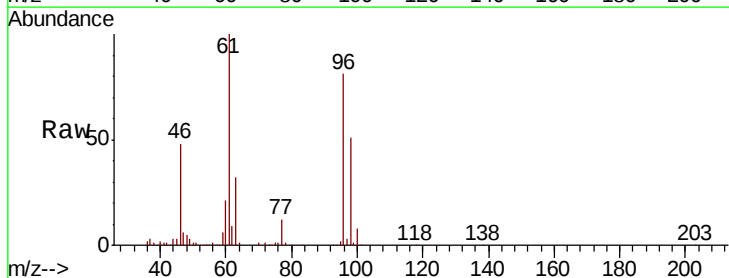
Tgt Ion: 96 Resp: 282795

Ion Ratio Lower Upper

96 100

61 123.4 77.3 143.7

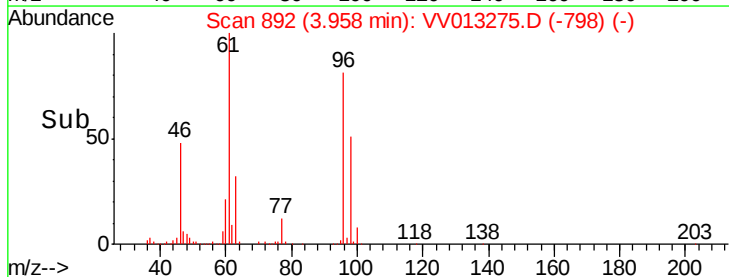
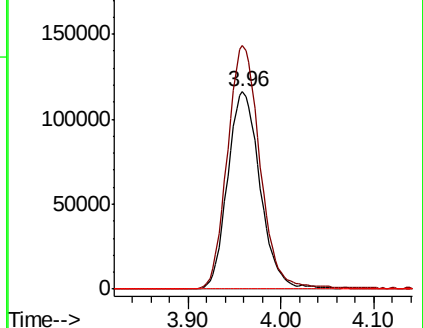
68 0.0 0.1 0.1#

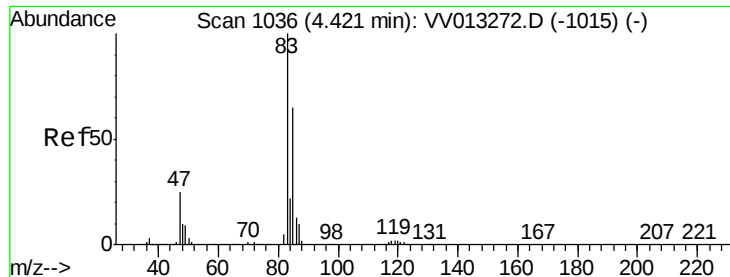


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 68.15 (67.85 to 68.85): VV0

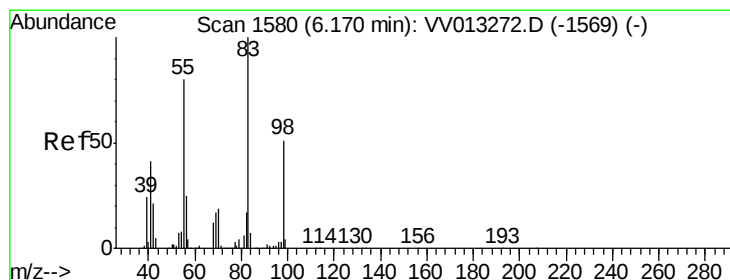
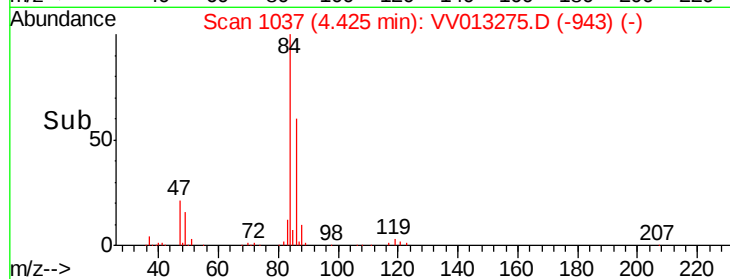
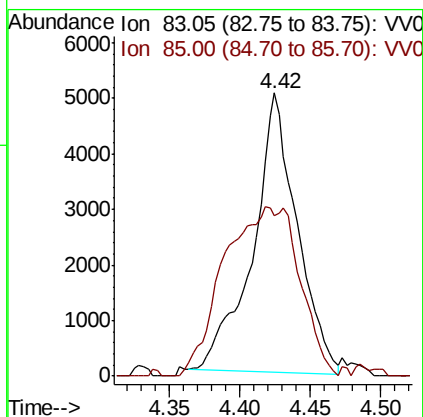
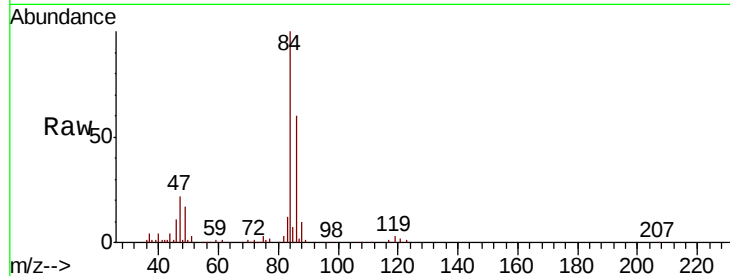




#25
Chloroform
Concen: 0.128 ug/L
RT: 4.42 min Scan# 1037
Delta R.T. 0.00 min
Lab File: VV013275.D
Acq: 22 Oct 2019 13:37

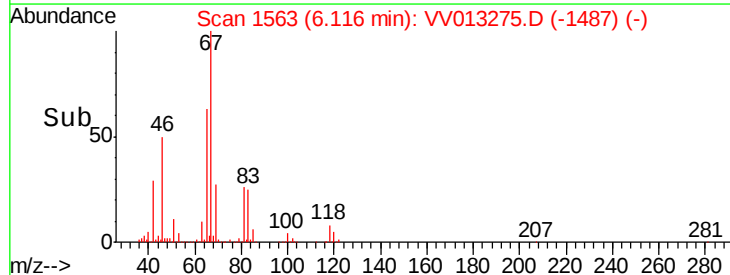
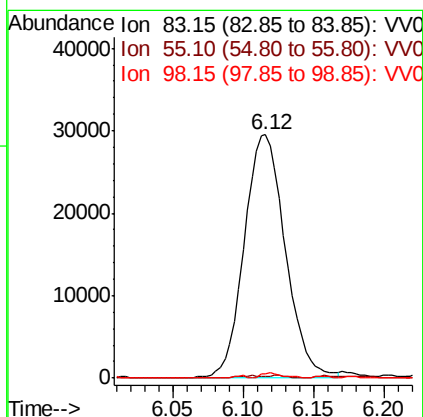
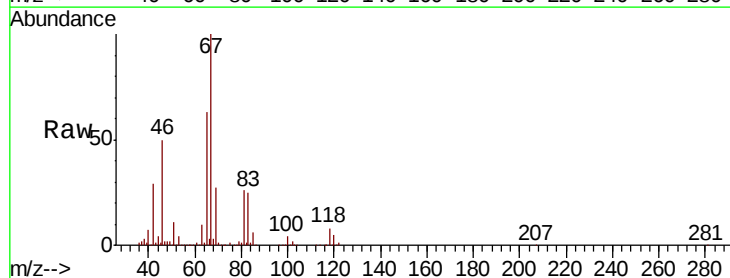
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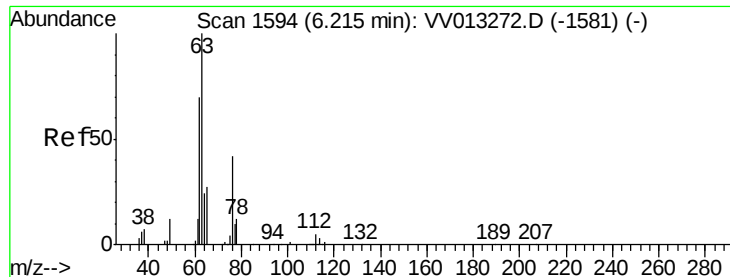
Tot Ion: 83 Resp: 10969
Ion Ratio Lower Upper
83 100
85 56.9 45.7 84.9



#35
Methylcyclohexane
Concen: 0.813 ug/L
RT: 6.12 min Scan# 1563
Delta R.T. -0.05 min
Lab File: VV013275.D
Acq: 22 Oct 2019 13:37

Tgt Ion: 83 Resp: 60374
Ion Ratio Lower Upper
83 100
55 0.5 62.4 93.6#
98 1.1 39.2 58.8#





#37

1,2-Dichloropropane

Concen: 0.583 ug/L

RT: 6.12 min Scan# 1563

Delta R.T. -0.10 min

Lab File: VV013275.D

Acq: 22 Oct 2019 13:37

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 63 Resp: 25463

Ion Ratio Lower Upper

63 100

112 1.2 4.1 6.1#

