

Data File : VV013226.D
Acq On : 19 Oct 2019 02:02
Operator : SY/MD
Sample : K5321-20
Misc : 25.00ML/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
E0AB7

Quant Time: Oct 19 06:40:27 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	442099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	488658	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	251425	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	191261	4.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.20%
7) Chloroethane-d5	1.58	69	160394	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.40%
11) 1,1-Dichloroethene-d2	2.13	63	227989	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	3.97	46	536550	57.73	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	115.46%
24) Chloroform-d	4.40	84	392556	4.51	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
26) 1,2-Dichloroethane-d4	5.08	65	204740	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.20%
32) Benzene-d6	5.10	84	778819	4.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.60%
36) 1,2-Dichloropropane-d6	6.12	67	246529	4.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	88.60%
41) Toluene-d8	7.36	98	633626	3.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	76.40%
43) trans-1,3-Dichloropropene-	7.66	79	75815	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.14	63	355096	44.54	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.08%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	176275	4.44	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	283133	5.31	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.20%

Target Compounds

					Qvalue	
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	2688	0.072	ug/L #	31
14) Carbon disulfide	2.31	76	16538	0.164	ug/L #	95
27) 1,2-Dichloroethane	5.09	62	4167	0.086	ug/L	97
35) Methylcyclohexane	6.11	83	59743	0.763	ug/L #	17
37) 1,2-Dichloropropane	6.12	63	28186	0.581	ug/L #	89
44) trans-1,3-Dichloropropene	7.67	75	3350	0.067	ug/L	97
48) 2-Hexanone	8.14	43	58631	3.092	ug/L #	84

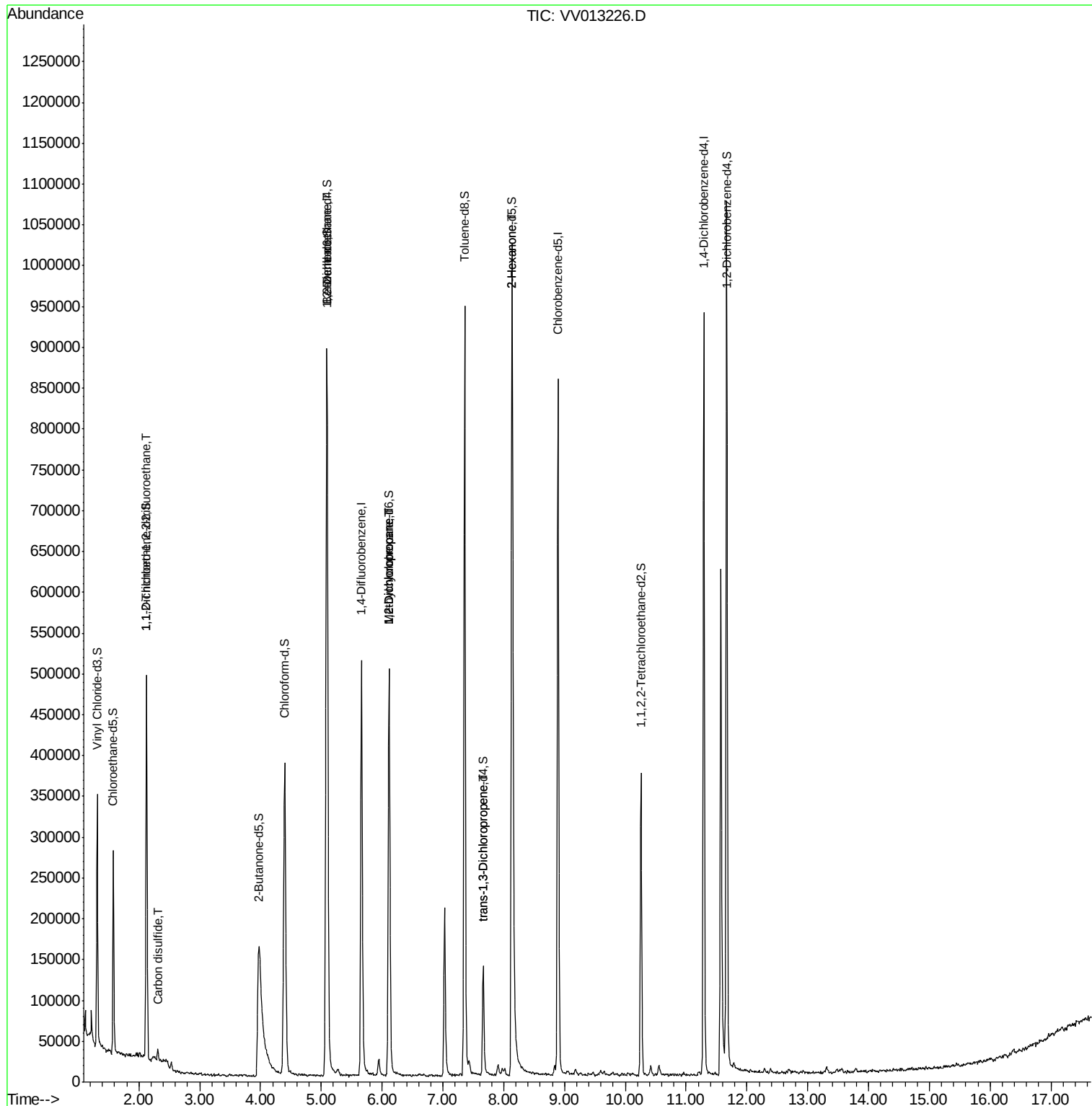
(#) = qualifier out of range (m) = manual integration (+) = signals summed

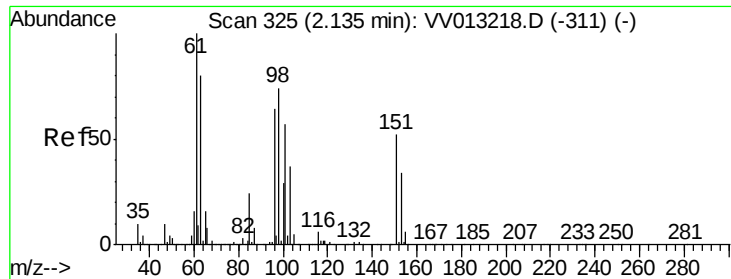
Data File : VV013226.D

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Instrument :
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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 19 06:35:52 2019
Response via : Initial Calibration





#10

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

Concen: 0.072 ug/L

RT: 2.13 min Scan# 322

Delta R.T. -0.01 min

Lab File: VV013226.D

Acq: 19 Oct 2019 02:02

Instrument :

MSVOA_V

ClientSampleId :

E0AB7

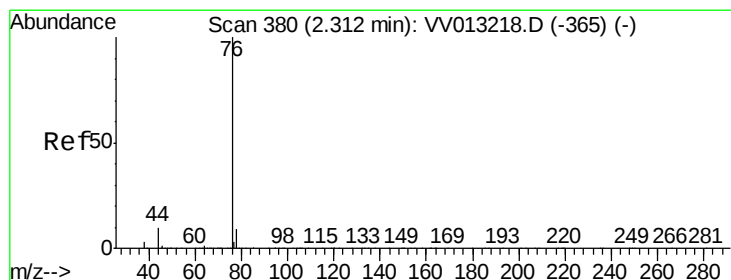
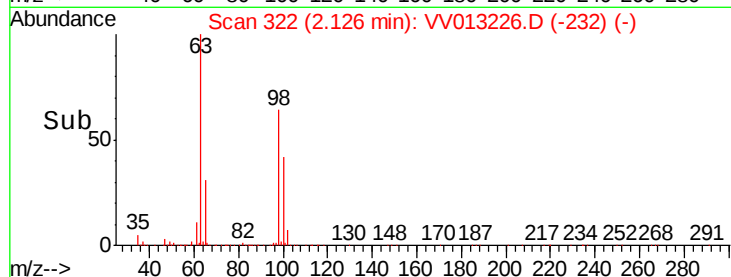
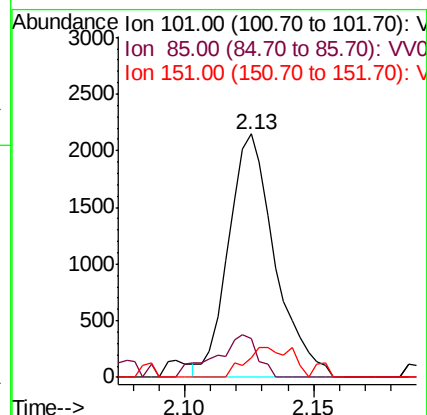
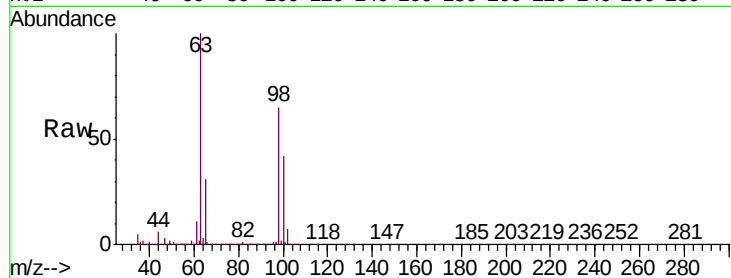
Tgt Ion: 101 Resp: 2688

Ion Ratio Lower Upper

101 100

85 16.1 32.4 48.6#

151 12.3 71.9 107.9#



#14

Carbon disulfide

Concen: 0.164 ug/L

RT: 2.31 min Scan# 380

Delta R.T. 0.00 min

Lab File: VV013226.D

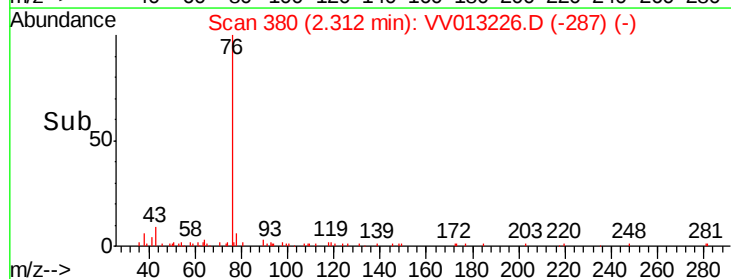
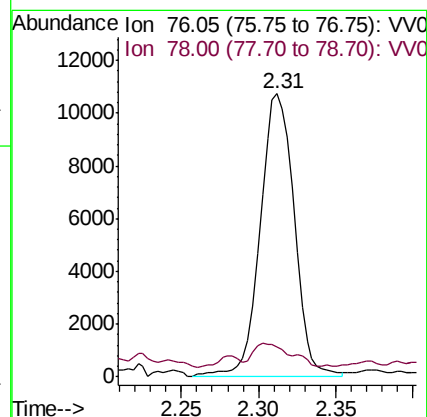
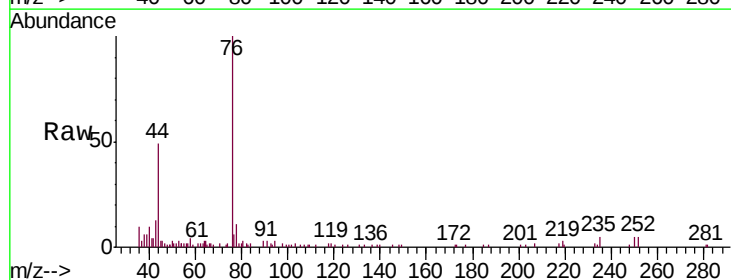
Acq: 19 Oct 2019 02:02

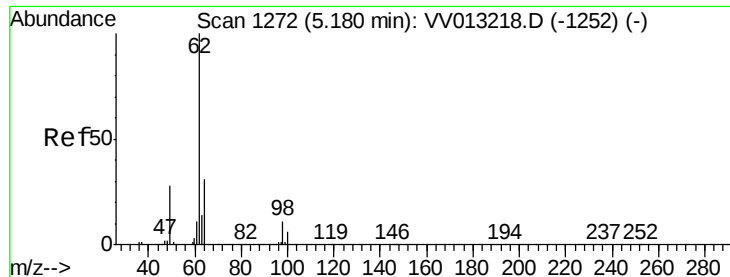
Tgt Ion: 76 Resp: 16538

Ion Ratio Lower Upper

76 100

78 10.8 7.1 10.7#





#27

1,2-Dichloroethane

Concen: 0.086 ug/L

RT: 5.09 min Scan# 1245

Delta R.T. -0.09 min

Lab File: VV013226.D

Acq: 19 Oct 2019 02:02

Instrument :

MSVOA_V

ClientSampleId :

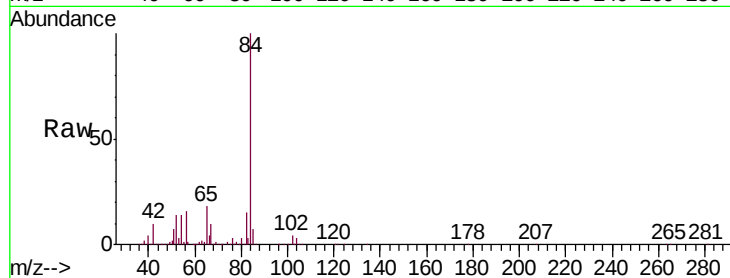
E0AB7

Tgt Ion: 62 Resp: 4167

Ion Ratio Lower Upper

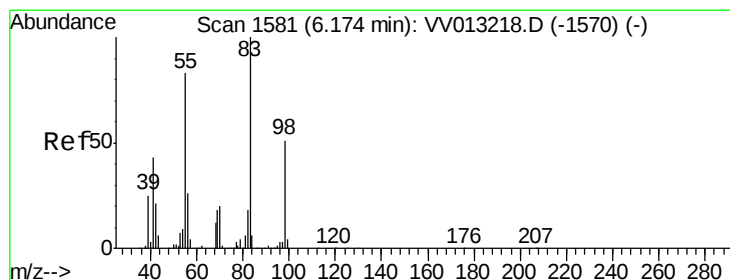
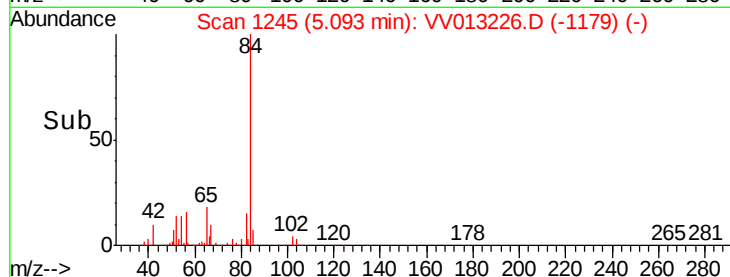
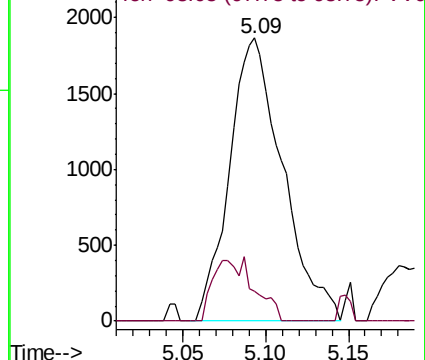
62 100

98 10.6 7.4 11.2



Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 98.05 (97.75 to 98.75): VV0



#35

Methylcyclohexane

Concen: 0.763 ug/L

RT: 6.11 min Scan# 1562

Delta R.T. -0.06 min

Lab File: VV013226.D

Acq: 19 Oct 2019 02:02

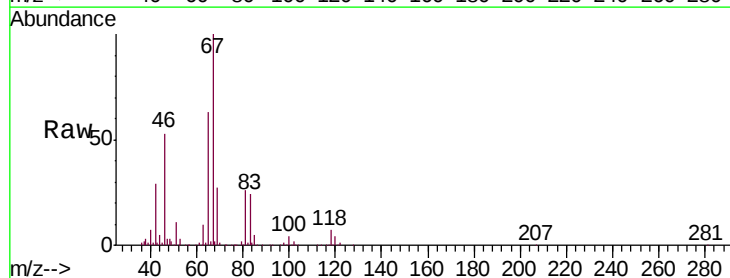
Tgt Ion: 83 Resp: 59743

Ion Ratio Lower Upper

83 100

55 0.0 64.0 96.0#

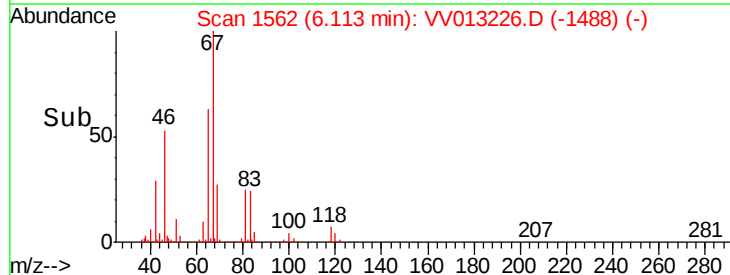
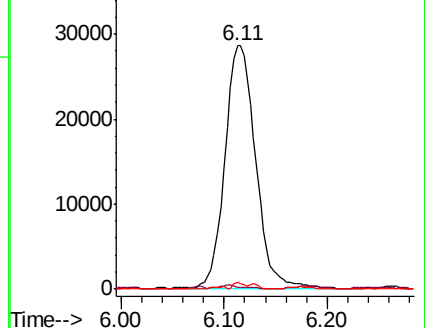
98 1.0 38.6 57.8#

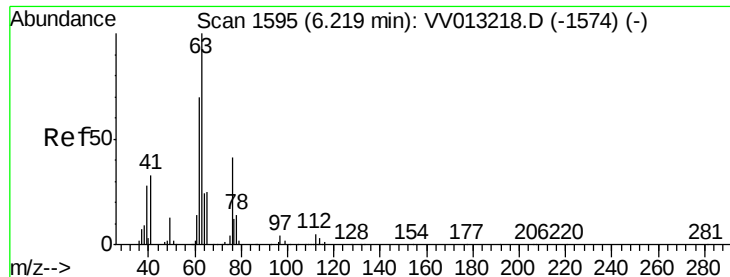


Abundance Ion 83.15 (82.85 to 83.85): VV0

Ion 55.10 (54.80 to 55.80): VV0

Ion 98.15 (97.85 to 98.85): VV0





#37

1,2-Dichloropropane

Concen: 0.581 ug/L

RT: 6.12 min Scan# 1564

Delta R.T. -0.10 min

Lab File: VV013226.D

Acq: 19 Oct 2019 02:02

Instrument :

MSVOA_V

ClientSampleId :

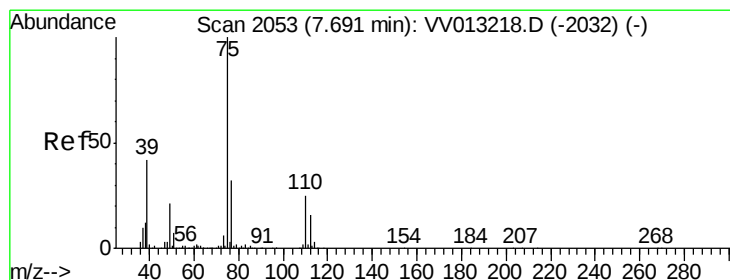
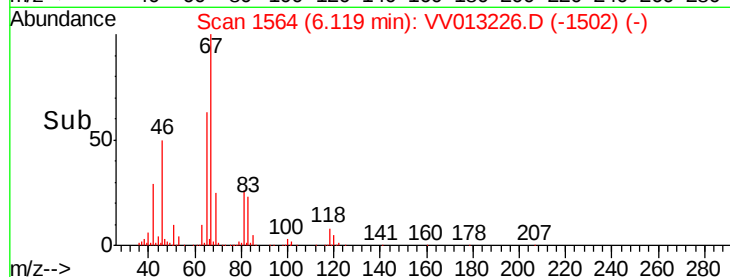
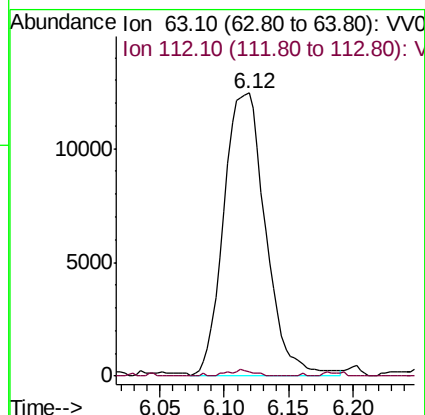
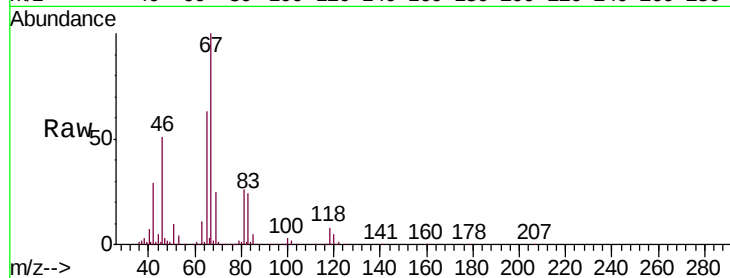
E0AB7

Tgt Ion: 63 Resp: 28186

Ion Ratio Lower Upper

63 100

112 1.3 3.8 5.8#



#44

trans-1,3-Dichloropropene

Concen: 0.067 ug/L

RT: 7.67 min Scan# 2045

Delta R.T. -0.03 min

Lab File: VV013226.D

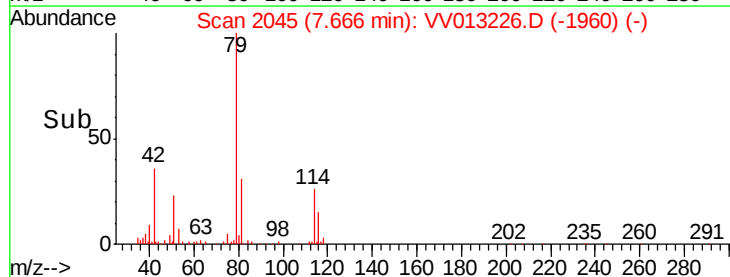
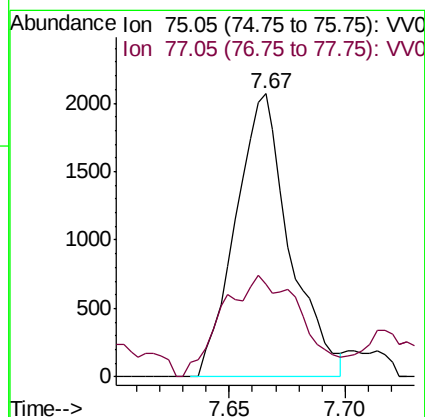
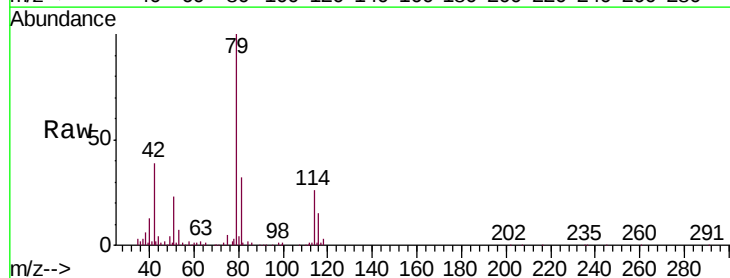
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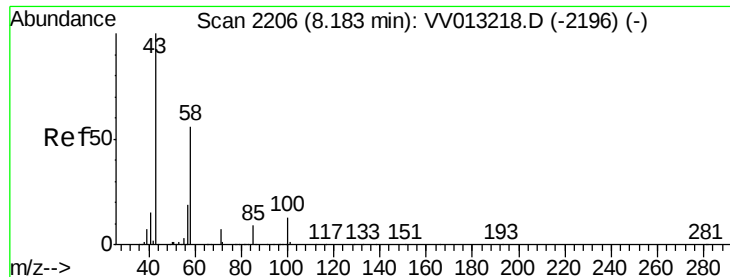
Tgt Ion: 75 Resp: 3350

Ion Ratio Lower Upper

75 100

77 32.7 21.8 40.4





#48
 2-Hexanone
 Concen: 3.092 ug/L
 RT: 8.14 min Scan# 2191
 Delta R.T. -0.05 min
 Lab File: VV013226.D
 Acq: 19 Oct 2019 02:02

Instrument :
 MSVOA_V
 ClientSampleId :
 E0AB7

Tgt Ion:	43	Resp:	58631
Ion	Ratio	Lower	Upper
43	100		
58	49.8	44.2	66.2
57	33.3	14.5	21.7#
100	2.5	9.5	14.3#

