

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV060920\
 Data File : VV016726.D
 Acq On : 09 Jun 2020 18:48
 Operator : SY/MD
 Sample : L2901-23
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTS4

Quant Time: Jun 10 03:45:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 10 03:42:58 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	355667	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	332232	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	161275	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	85815	34.19	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	68.38%
7) Chloroethane-d5	1.56	69	60389	40.10	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.12	63	115257	27.35	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	54.70%#
21) 2-Butanone-d5	3.89	46	177783	95.71	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.71%
24) Chloroform-d	4.37	84	207776	40.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.44%
26) 1,2-Dichloroethane-d4	5.05	65	151457	43.63	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.26%
32) Benzene-d6	5.07	84	392154	40.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	81.90%
36) 1,2-Dichloropropane-d6	6.09	67	127827	42.82	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	85.64%
41) Toluene-d8	7.34	98	356837	40.60	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.64	79	61405	39.49	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	78.98%
47) 2-Hexanone-d5	8.11	63	114110	87.68	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	87.68%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	181295	45.87	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	91.74%
64) 1,2-Dichlorobenzene-d4	11.65	152	160608	46.66	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.32%

Target Compounds

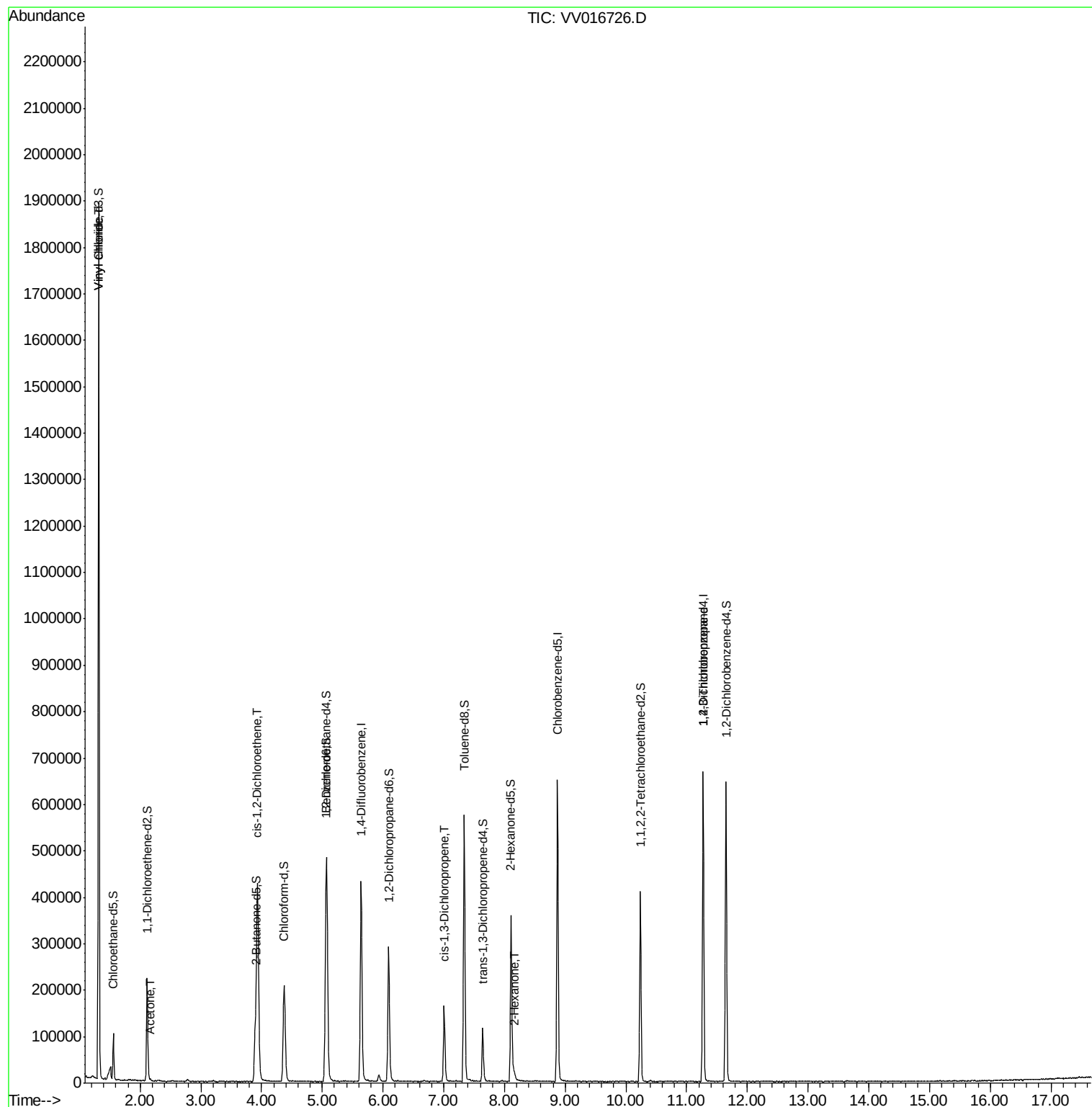
					Ovalue
5) Vinyl chloride	1.32	62	1022806	403.340	ug/L 100
13) Acetone	2.17	43	2255	1.843	ug/L 71
20) cis-1,2-Dichloroethene	3.93	96	226526	86.330	ug/L 99
39) cis-1,3-Dichloropropene	7.01	75	3856	0.971	ug/L # 59
48) 2-Hexanone	8.17	43	10269	3.656	ug/L # 86
59) 1,2,3-Trichloropropane	11.27	75	20176	6.361	ug/L 88

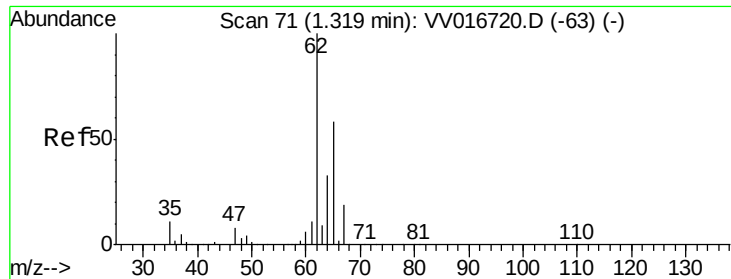
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#5

Vinyl chloride

Concen: 403.340 ug/L

RT: 1.32 min Scan# 71

Delta R.T. -0.00 min

Lab File: VV016726.D

Acq: 09 Jun 2020 18:48

Instrument :

MSVOA_V

ClientSampleId :

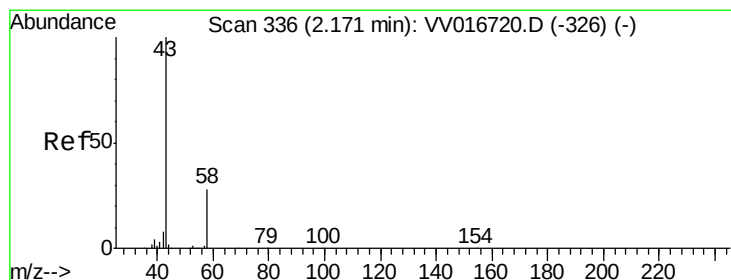
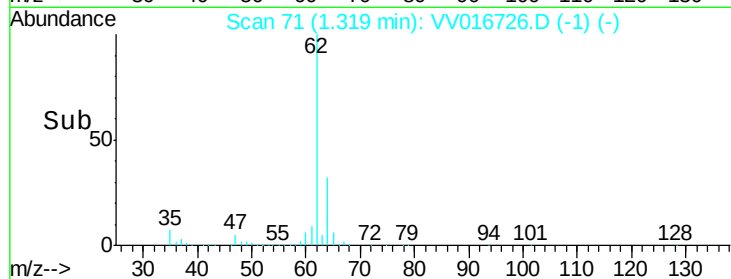
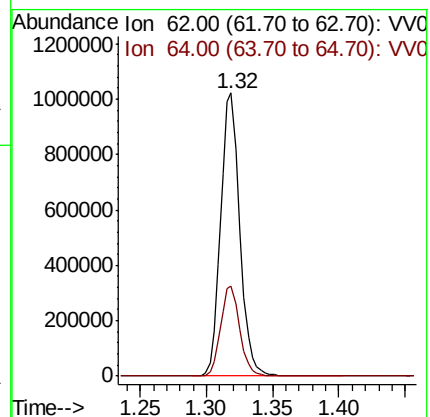
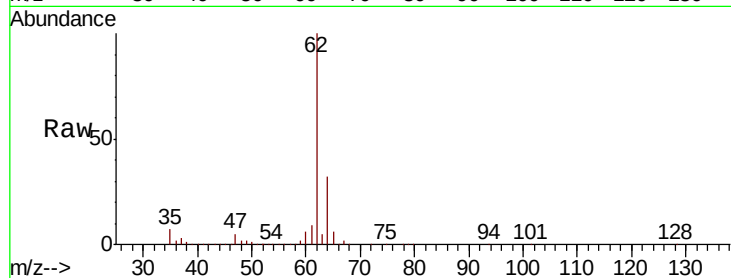
ETTS4

Tot Ion: 62 Resp: 1022806

Ion Ratio Lower Upper

62 100

64 32.0 22.3 41.5



#13

Acetone

Concen: 1.843 ug/L

RT: 2.17 min Scan# 337

Delta R.T. 0.00 min

Lab File: VV016726.D

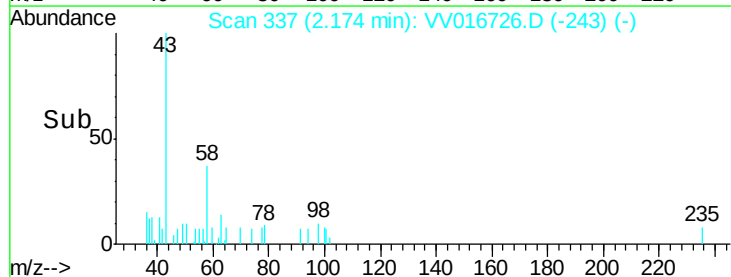
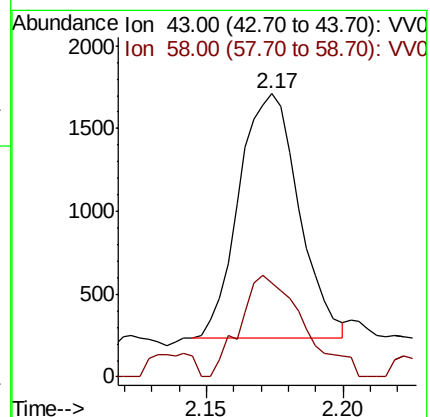
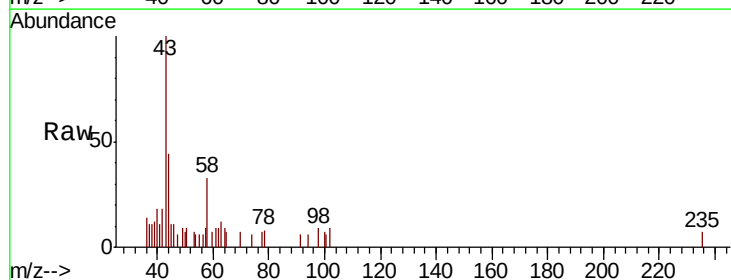
Acq: 09 Jun 2020 18:48

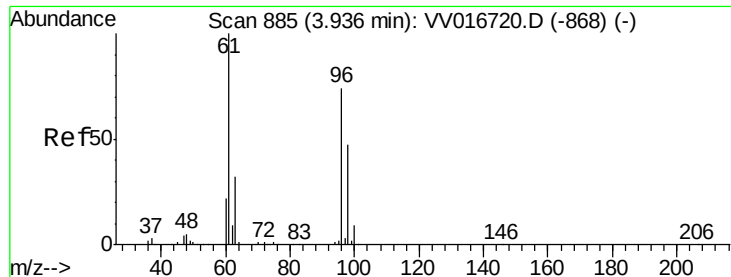
Tgt Ion: 43 Resp: 2255

Ion Ratio Lower Upper

43 100

58 42.7 0.0 55.2

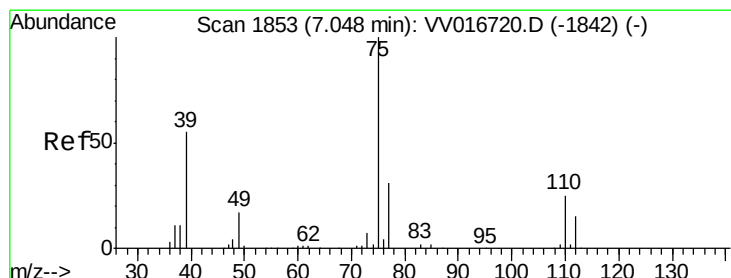
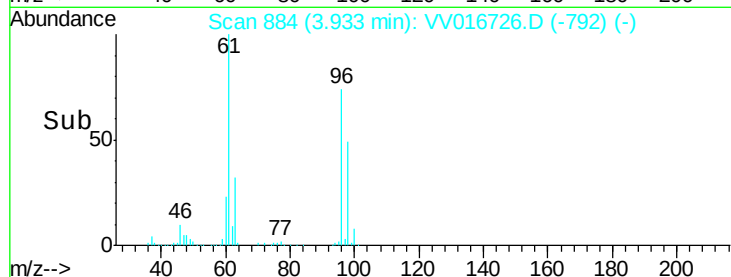
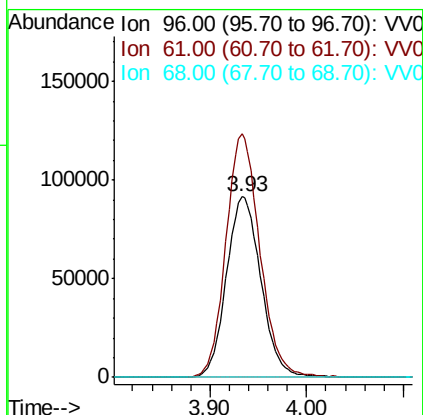
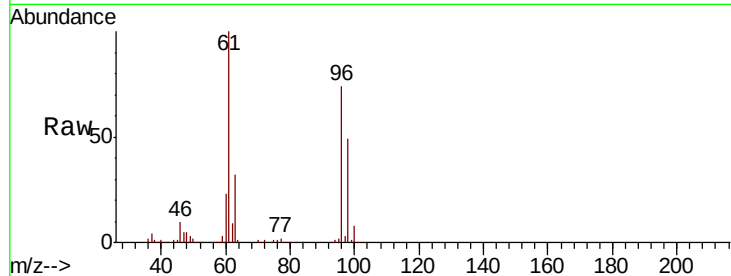




#20
 cis-1,2-Dichloroethene
 Concen: 86.330 ug/L
 RT: 3.93 min Scan# 884
 Delta R.T. -0.00 min
 Lab File: VV016726.D
 Acq: 09 Jun 2020 18:48

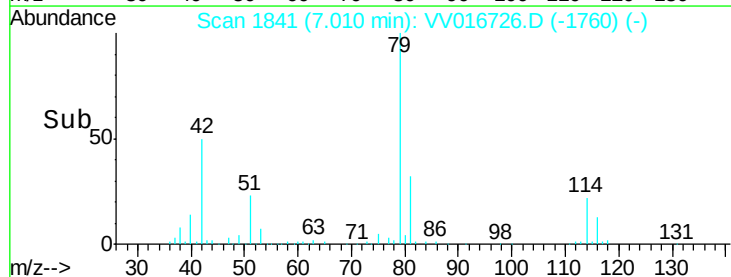
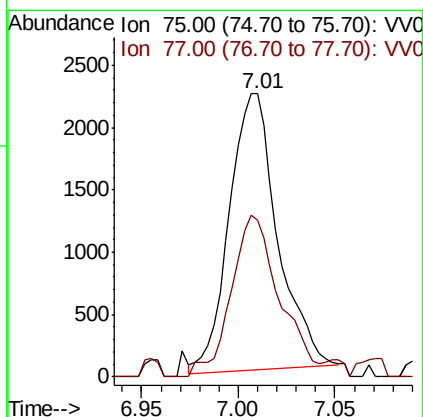
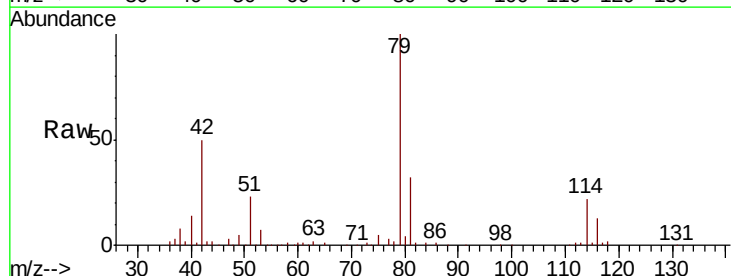
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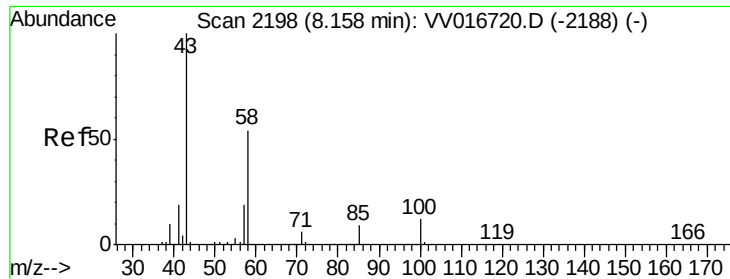
Tot Ion: 96 Resp: 226526
 Ion Ratio Lower Upper
 96 100
 61 135.0 93.4 173.4
 68 0.0 0.0 0.0



#39
 cis-1,3-Dichloropropene
 Concen: 0.971 ug/L
 RT: 7.01 min Scan# 1841
 Delta R.T. -0.04 min
 Lab File: VV016726.D
 Acq: 09 Jun 2020 18:48

Tgt Ion: 75 Resp: 3856
 Ion Ratio Lower Upper
 75 100
 77 55.4 22.7 42.1#

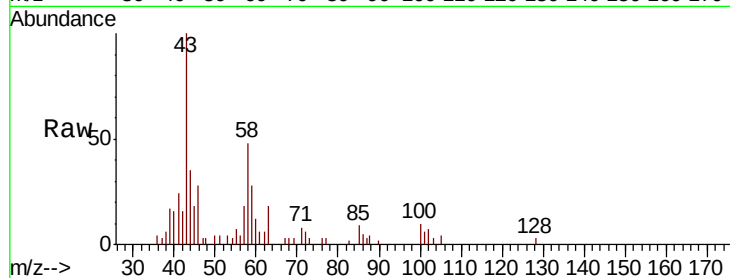




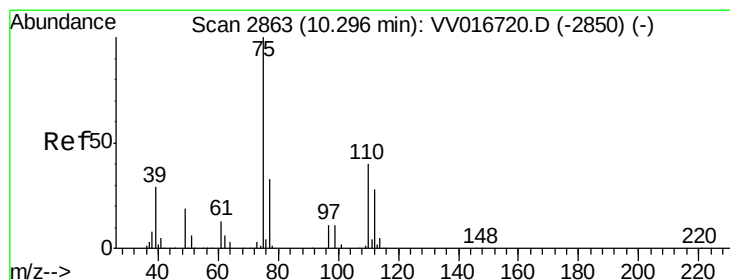
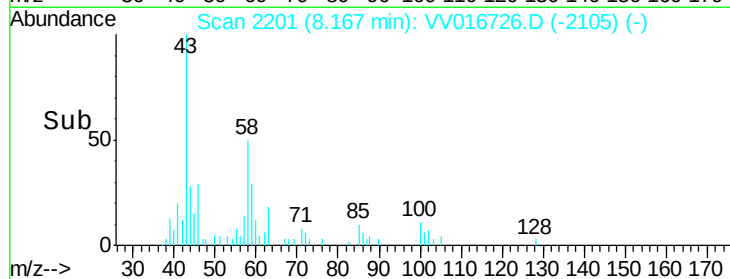
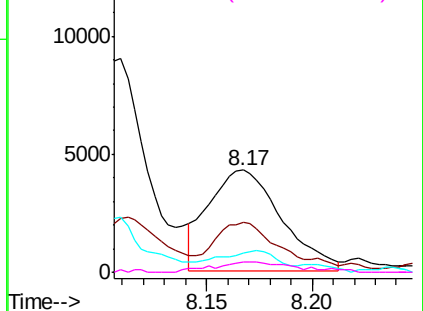
#48
2-Hexanone
Concen: 3.656 ug/L
RT: 8.17 min Scan# 2201
Delta R.T. 0.01 min
Lab File: VV016726.D
Acq: 09 Jun 2020 18:48

Instrument :
MSVOA_V
ClientSampled :
ETTS4

Tot Ion: 43 Resp: 10269
Ion Ratio Lower Upper
43 100
58 41.6 43.1 64.7#
57 16.0 15.3 22.9
100 7.9 10.0 15.0#

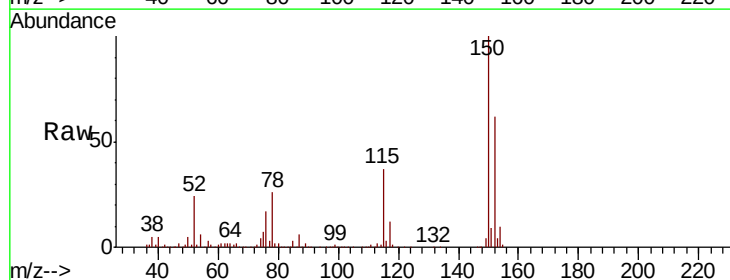


Abundance Ion 43.00 (42.70 to 43.70): VV0
Ion 58.00 (57.70 to 58.70): VV0
Ion 57.00 (56.70 to 57.70): VV0
Ion 100.00 (99.70 to 100.70): VV0



#59
1,2,3-Trichloropropane
Concen: 6.361 ug/L
RT: 11.27 min Scan# 3166
Delta R.T. 0.97 min
Lab File: VV016726.D
Acq: 09 Jun 2020 18:48

Tgt Ion: 75 Resp: 20176
Ion Ratio Lower Upper
75 100
77 39.1 26.1 39.1



Abundance Ion 75.00 (74.70 to 75.70): VV0
Ion 77.00 (76.70 to 77.70): VV0

