

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV032620\
 Data File : VV015186.D
 Acq On : 26 Mar 2020 23:49
 Operator : SY/MD
 Sample : L1976-02MS
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTH9MS

Manual Integrations
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Quant Time: Mar 27 06:12:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Mar 27 03:08:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	266436	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	209480	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	71089	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	77991	54.56	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	109.12%
7) Chloroethane-d5	1.58	69	102089m	70.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	141.68%#
11) 1,1-Dichloroethene-d2	2.12	63	126590	38.84	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	77.68%
21) 2-Butanone-d5	3.93	46	262396	184.35	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	184.35%#
24) Chloroform-d	4.38	84	207941	66.37	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	132.74%#
26) 1,2-Dichloroethane-d4	5.06	65	175386	84.80	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	169.60%#
32) Benzene-d6	5.07	84	321056	74.51	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	149.02%#
36) 1,2-Dichloropropane-d6	6.09	67	137317	88.35	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	176.70%#
41) Toluene-d8	7.34	98	205467	52.62	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.24%
43) trans-1,3-Dichloropropene-	7.64	79	51029	60.28	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	120.56%
47) 2-Hexanone-d5	8.12	63	193532	212.94	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	212.94%#
57) 1,1,2,2-Tetrachloroethane-	10.24	84	249054	94.35	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	188.70%#
64) 1,2-Dichlorobenzene-d4	11.65	152	77489	58.38	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.76%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	152589	58.347	ug/L	100
12) 1,1-Dichloroethene	2.13	96	68727	31.983	ug/L	96
17) trans-1,2-Dichloroethene	2.78	96	1759	0.942	ug/L	97
20) cis-1,2-Dichloroethene	3.94	96	538359	258.791	ug/L #	97
25) Chloroform	4.40	83	7116	2.002	ug/L	98
33) Benzene	5.13	78	381927	61.241	ug/L	100
34) Trichloroethene	5.94	95	87321	53.749	ug/L	98
42) Toluene	7.41	91	292773	42.079	ug/L	97
51) Chlorobenzene	8.90	112	197243	44.383	ug/L	95

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

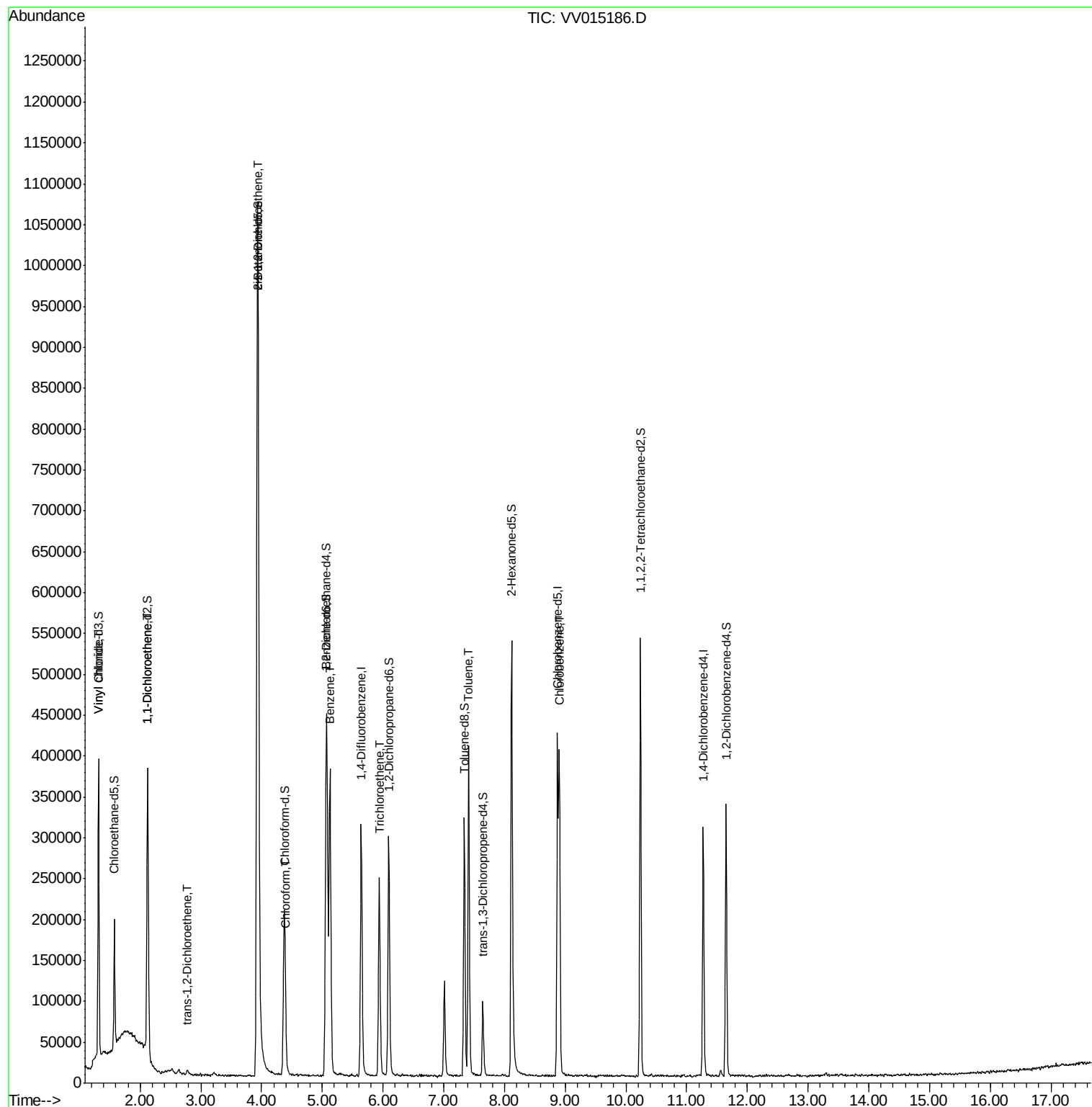
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV032620\
Data File : VV015186.D
Acq On : 26 Mar 2020 23:49
Operator : SY/MD
Sample : L1976-02MS
Misc : 5.0mL/MSVOA V/WATER
ALS Vial : 1 Sample Multiplier: 1

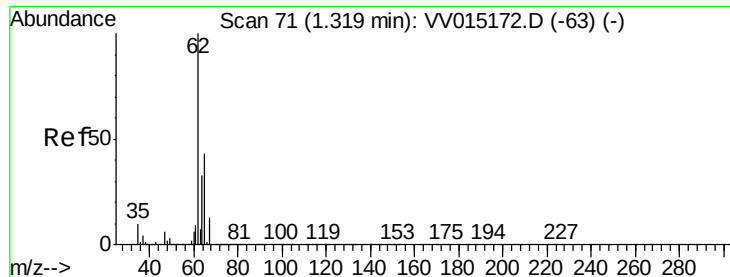
Instrument :
MSVOA_V
ClientSampleId :
ETTH9MS

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Quant Time: Mar 27 06:12:54 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM032620WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 27 03:08:32 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 58.347 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV015186.D

Acq: 26 Mar 2020 23:49

Instrument :

MSVOA_V

ClientSampleId :

ETTH9MS

Tot Ion: 62 Resp: 152589

Ion Ratio Lower Upper

62 100

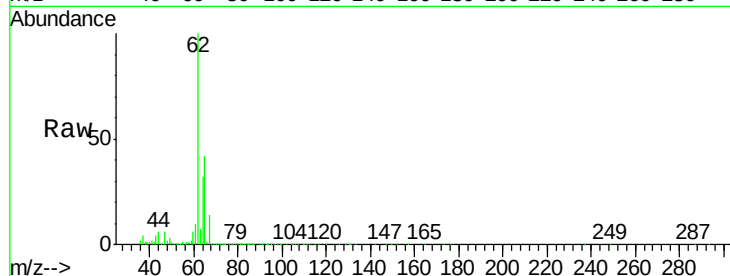
64 32.4 22.8 42.4

Manual Integrations

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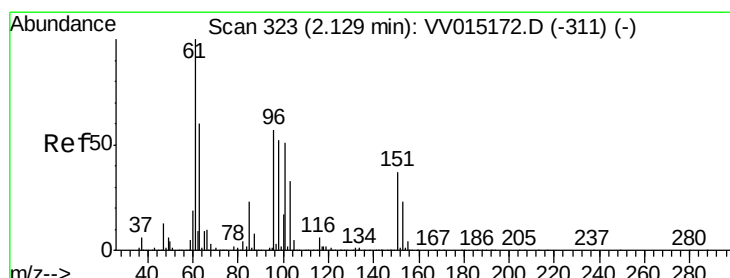
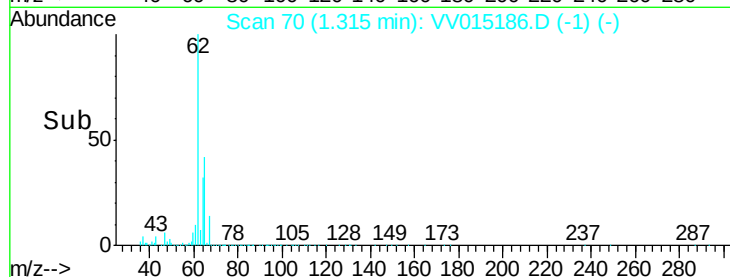
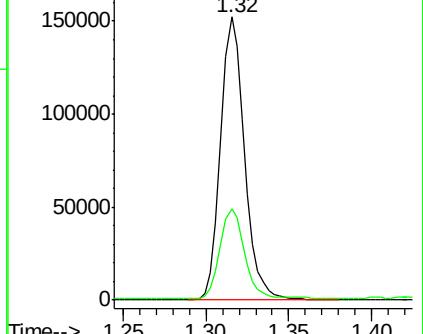
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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.00 (63.70 to 64.70): VV0



#12

1,1-Dichloroethene

Concen: 31.983 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV015186.D

Acq: 26 Mar 2020 23:49

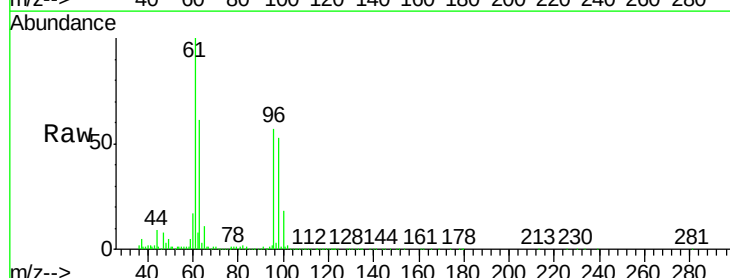
Tgt Ion: 96 Resp: 68727

Ion Ratio Lower Upper

96 100

61 175.0 122.3 227.1

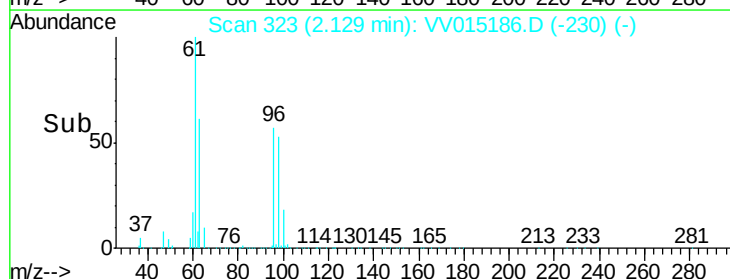
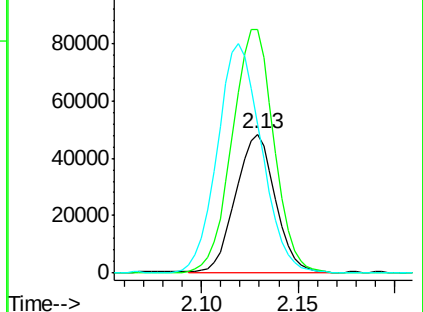
63 107.1 67.9 126.1

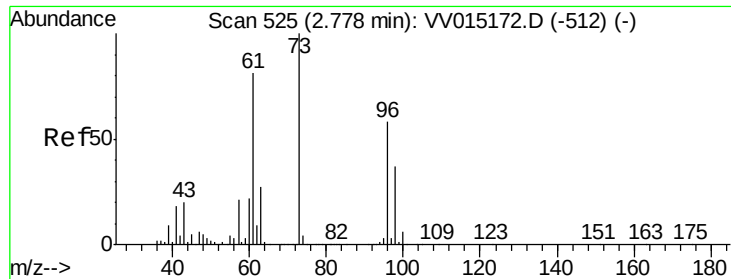


Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.00 (60.70 to 61.70): VV0

Ion 63.00 (62.70 to 63.70): VV0





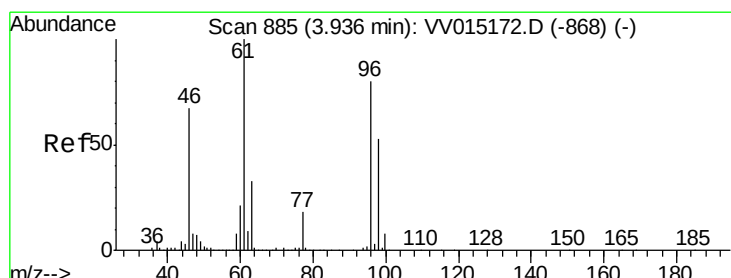
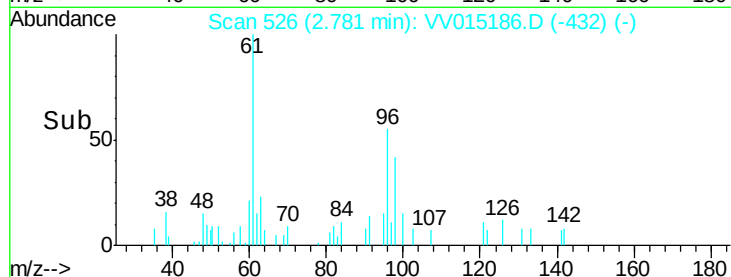
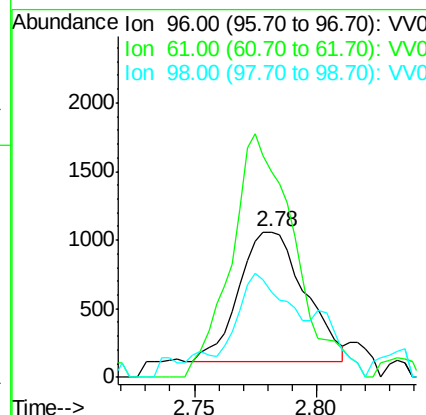
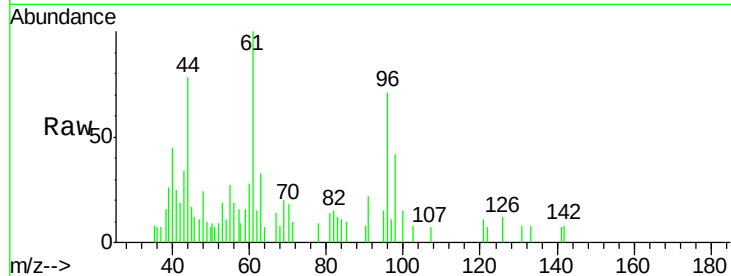
#17
trans-1,2-Dichloroethene
Concen: 0.942 ug/L
RT: 2.78 min Scan# 526
Delta R.T. 0.00 min
Lab File: VV015186.D
Acq: 26 Mar 2020 23:49

Instrument :
MSVOA_V
ClientSampled :
ETTH9MS

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.9	96.4	179.0
98	58.5	43.8	81.4

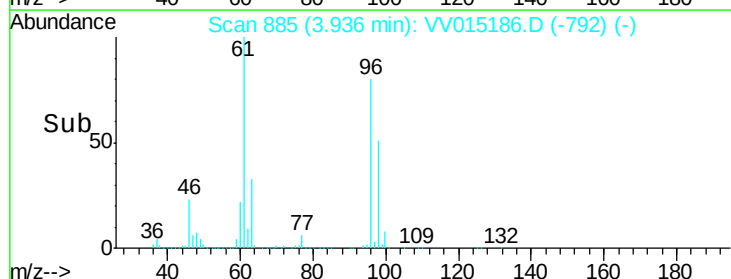
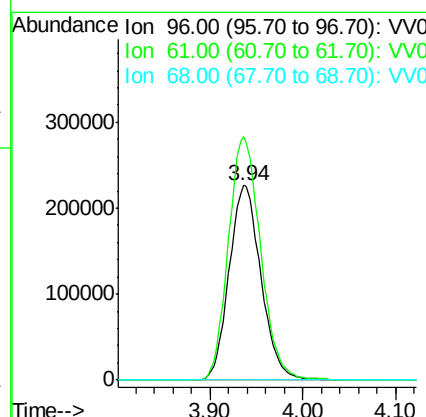
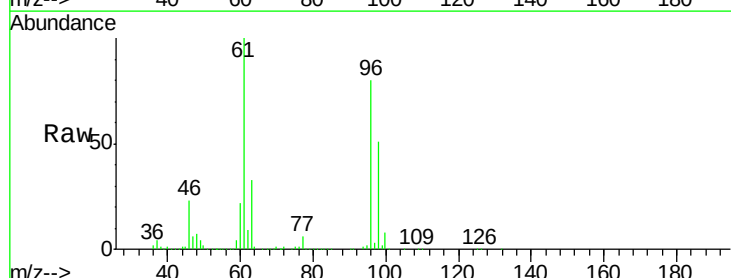
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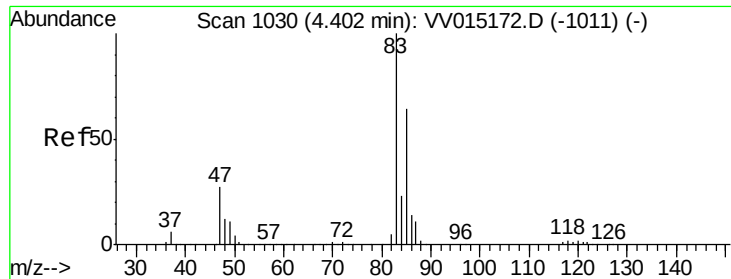
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#20
cis-1,2-Dichloroethene
Concen: 258.791 ug/L
RT: 3.94 min Scan# 885
Delta R.T. -0.00 min
Lab File: VV015186.D
Acq: 26 Mar 2020 23:49

Tgt Ion	Ratio	Lower	Upper
96	100		
61	125.1	90.2	167.4
68	0.1	0.1	0.3#





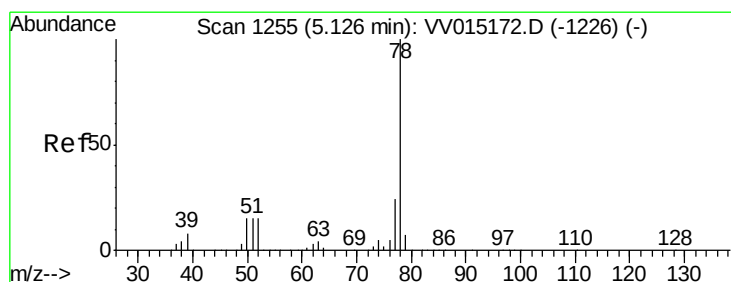
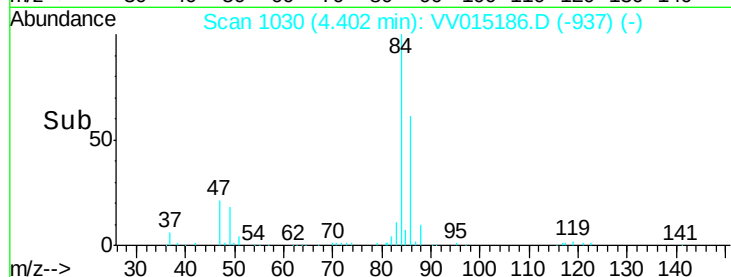
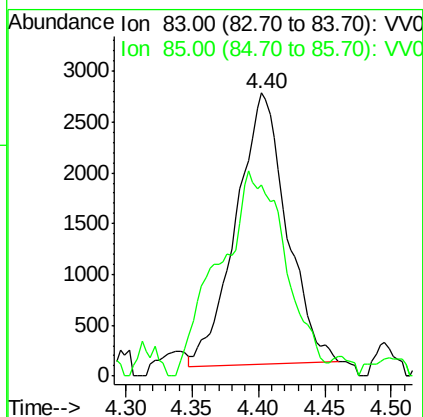
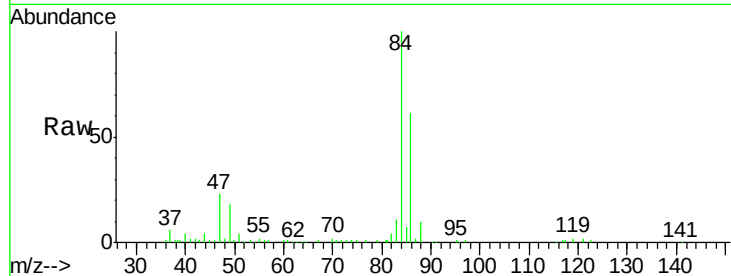
#25
Chloroform
Concen: 2.002 ug/L
RT: 4.40 min Scan# 1030
Delta R.T. -0.00 min
Lab File: VV015186.D
Acq: 26 Mar 2020 23:49

Instrument :
MSVOA_V
ClientSampleId :
ETTH9MS

Tot Ion: 83 Resp: 7116
Ion Ratio Lower Upper
83 100
85 67.4 46.2 85.8

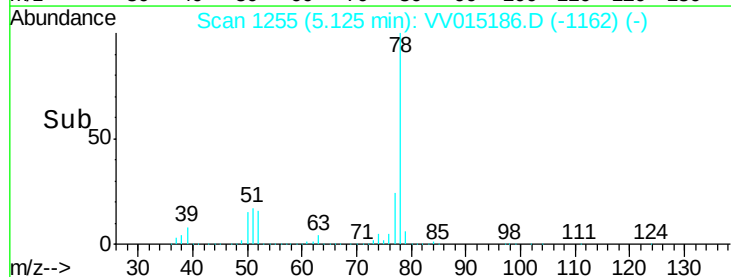
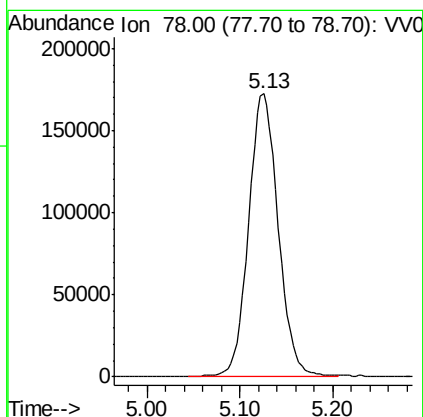
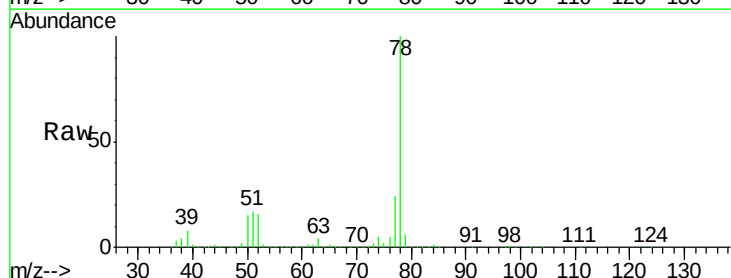
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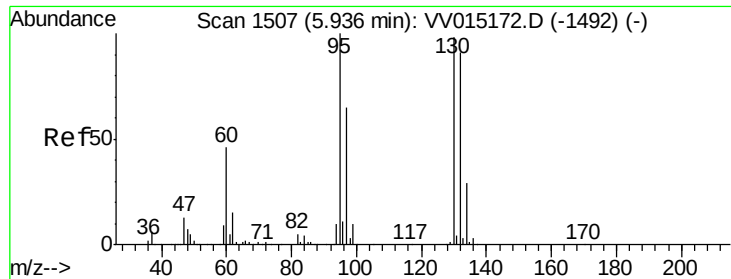
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#33
Benzene
Concen: 61.241 ug/L
RT: 5.13 min Scan# 1255
Delta R.T. -0.00 min
Lab File: VV015186.D
Acq: 26 Mar 2020 23:49

Tgt Ion: 78 Resp: 381927





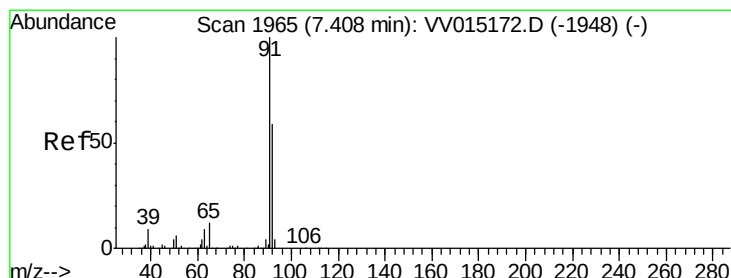
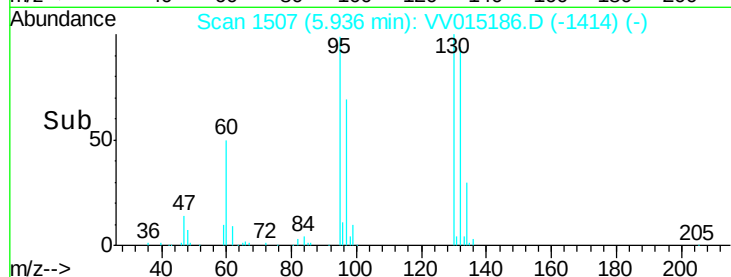
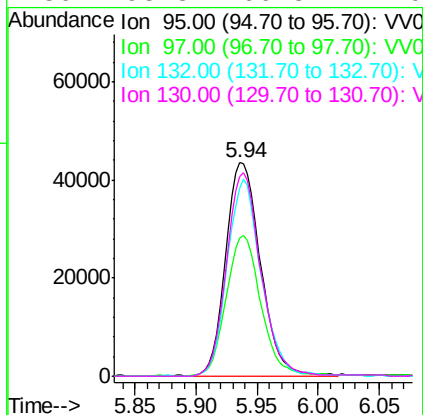
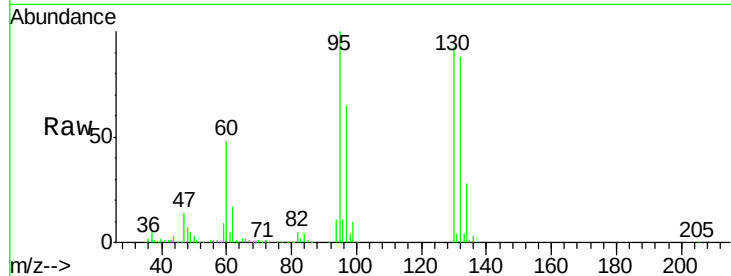
#34
 Trichloroethene
 Concen: 53.749 ug/L
 RT: 5.94 min Scan# 1507
 Delta R.T. -0.00 min
 Lab File: VV015186.D
 Acq: 26 Mar 2020 23:49

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTH9MS

Tot Ion:	95	Resp:	87321
Ion	Ratio	Lower	Upper
95	100		
97	64.9	44.8	83.2
132	87.9	63.2	117.4
130	93.3	66.8	124.0

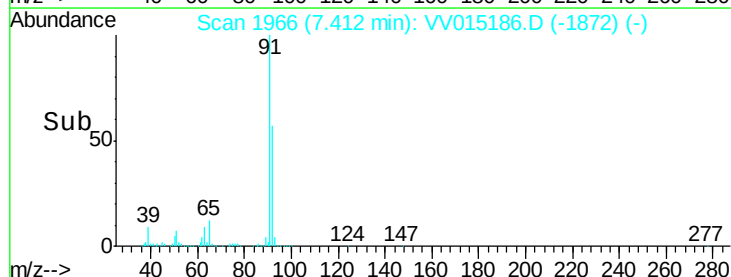
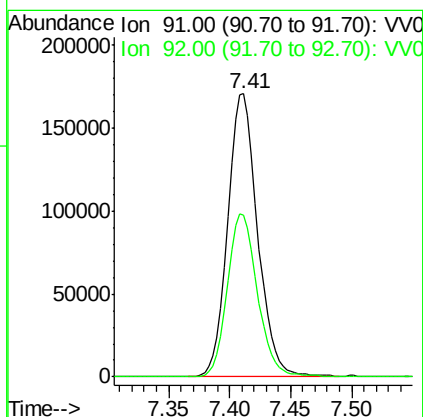
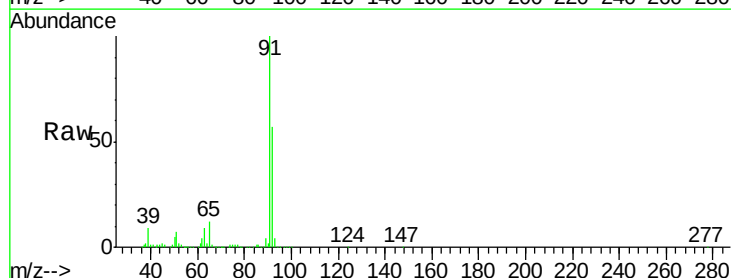
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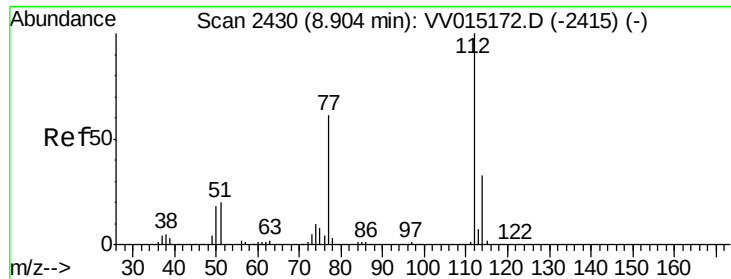
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#42
 Toluene
 Concen: 42.079 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.00 min
 Lab File: VV015186.D
 Acq: 26 Mar 2020 23:49

Tgt Ion:	91	Resp:	292773
Ion	Ratio	Lower	Upper
91	100		
92	57.1	41.4	77.0





#51
 Chlorobenzene
 Concen: 44.383 ug/L
 RT: 8.90 min Scan# 2430
 Delta R.T. -0.00 min
 Lab File: VV015186.D
 Acq: 26 Mar 2020 23:49

Instrument :
 MSVOA_V
 ClientSampleId :
 ETTH9MS

Tot Ion:	112	Resp:	197243
Ion Ratio	Lower	Upper	
112	100		
114	32.8	22.1	41.1
77	63.7	47.3	70.9

Manual Integrations
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