

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070620\
 Data File : VV017351.D
 Acq On : 06 Jul 2020 14:53
 Operator : SY/MD
 Sample : L3154-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H4298

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 12:26:15 PM

Quant Time: Jul 07 03:01:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 07 01:14:17 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	171372	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	160751	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	78150	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	34769	3.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	67.60%
7) Chloroethane-d5	1.58	69	34527	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.12	63	60011	3.07	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	61.40%
20) 2-Butanone-d5	3.96	46	101565m	38.75	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.50%
24) Chloroform-d	4.38	84	100608	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.06	65	56455	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.08	84	176092	4.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.40%
36) 1,2-Dichloropropane-d6	6.10	67	52868	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.34	98	155106	3.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.20%
45) trans-1,3-Dichloropropene-	7.65	79	18174	3.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	70.00%
48) 2-Hexanone-d5	8.12	63	79297	40.02	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	80.04%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	38783	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	67839	4.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	31917	2.838	ug/L	95
14) Carbon disulfide	2.31	76	3544	0.144	ug/L #	76
18) trans-1,2-Dichloroethene	2.78	96	4638	0.532	ug/L	96
19) 1,1-Dichloroethane	3.22	63	3140	0.160	ug/L #	86
22) cis-1,2-Dichloroethene	3.94	96	79846	6.699	ug/L	96
33) Benzene	5.13	78	11985	0.285	ug/L	100
34) Trichloroethene	5.95	95	3616	0.293	ug/L	88
35) Methylcyclohexane	6.14	83	1628m	0.085	ug/L	
42) Toluene	7.41	91	10042	0.205	ug/L	97
54) Ethylbenzene	9.04	91	19815	0.379	ug/L	99
55) m,p-xylene	9.16	106	4383	0.214	ug/L	85

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

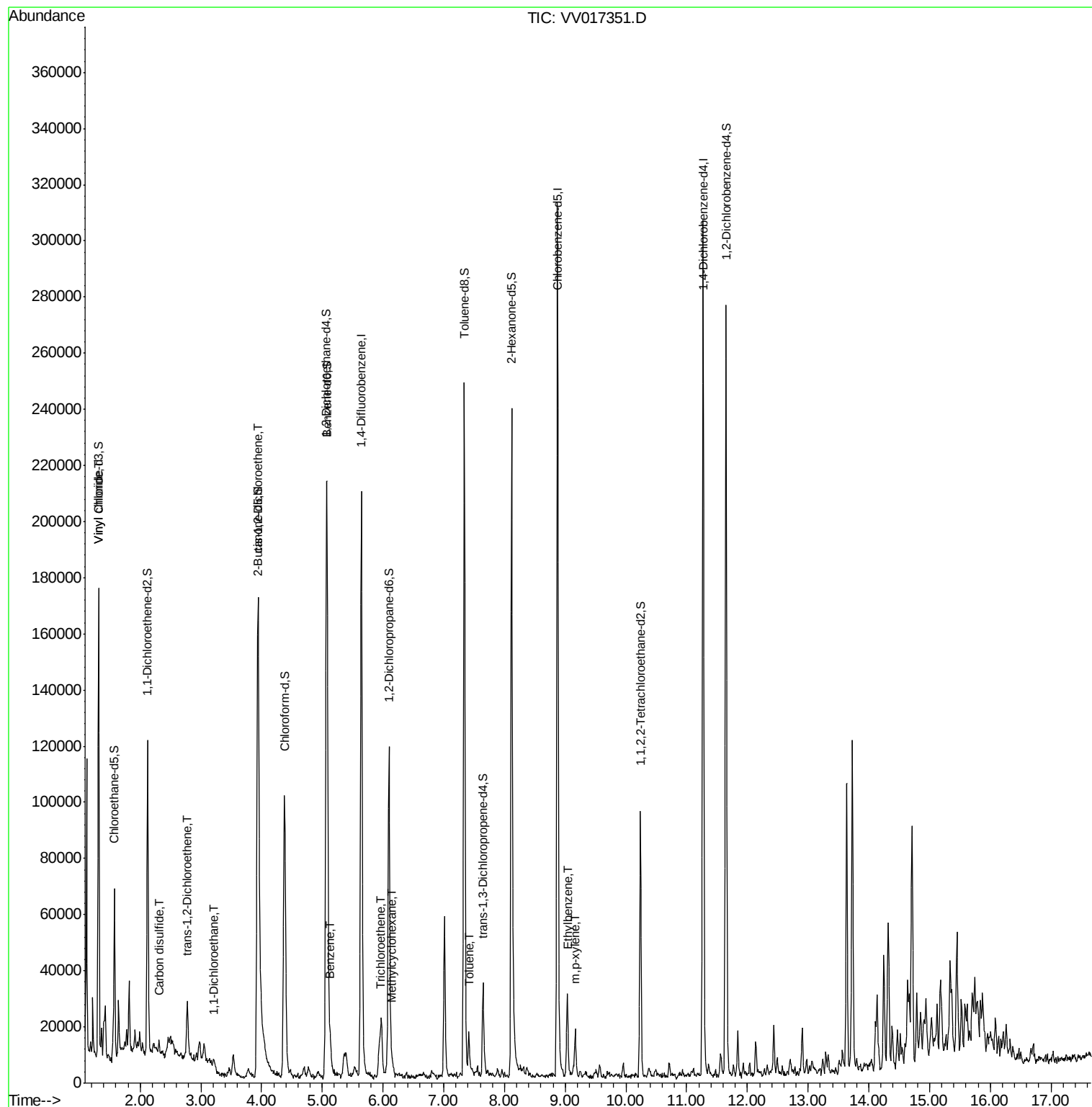
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA V\DATA\VV070620\
Data File : VV017351.D
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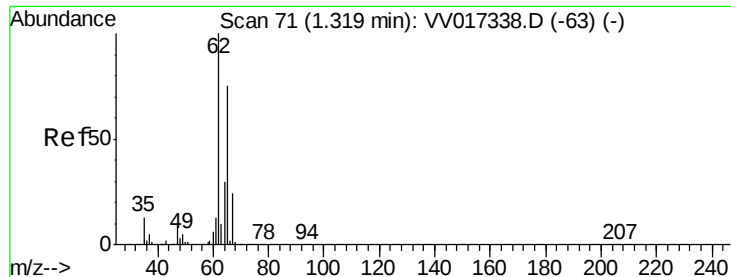
Instrument :
MSVOA_V
ClientSampleId :
H4298

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Quant Time: Jul 07 03:01:21 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Jul 07 01:14:17 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 2.838 ug/L

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VV017351.D

Acq: 06 Jul 2020 14:53

Instrument :

MSVOA_V

ClientSampleId :

H4298

Tot Ion: 62 Resp: 31917

Ion Ratio Lower Upper

62 100

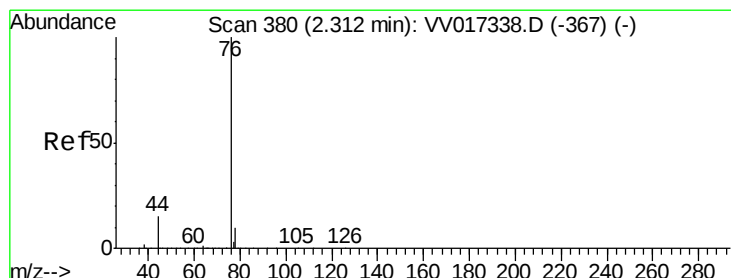
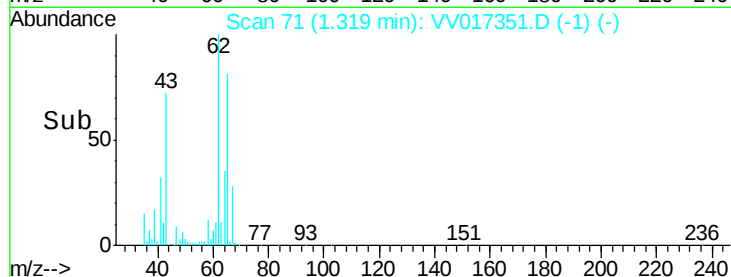
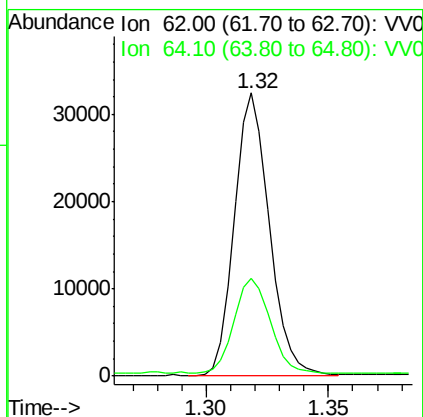
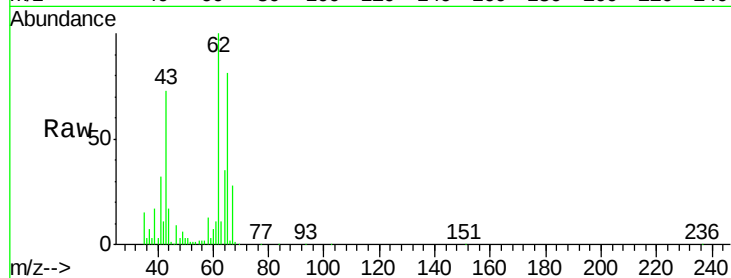
64 34.6 22.5 41.7

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#14

Carbon disulfide

Concen: 0.144 ug/L

RT: 2.31 min Scan# 379

Delta R.T. -0.00 min

Lab File: VV017351.D

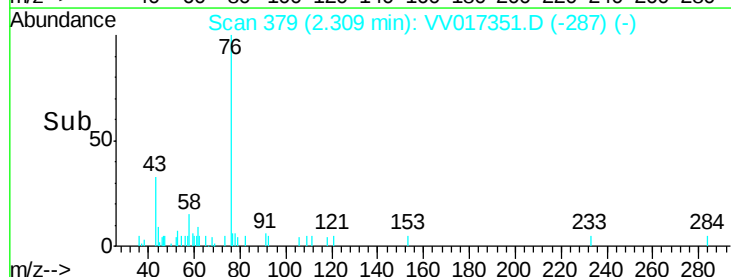
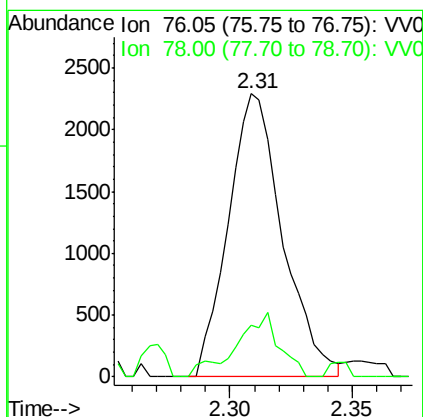
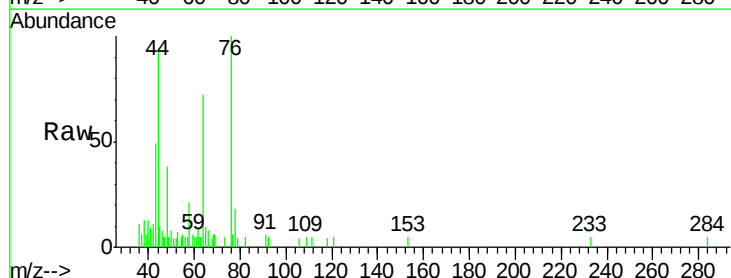
Acq: 06 Jul 2020 14:53

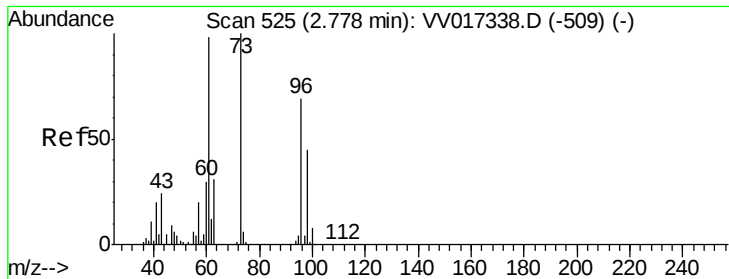
Tgt Ion: 76 Resp: 3544

Ion Ratio Lower Upper

76 100

78 18.3 7.7 11.5#





#18

trans-1,2-Dichloroethene

Concen: 0.532 ug/L

RT: 2.78 min Scan# 524

Delta R.T. -0.00 min

Lab File: VV017351.D

Acq: 06 Jul 2020 14:53

Instrument :

MSVOA_V

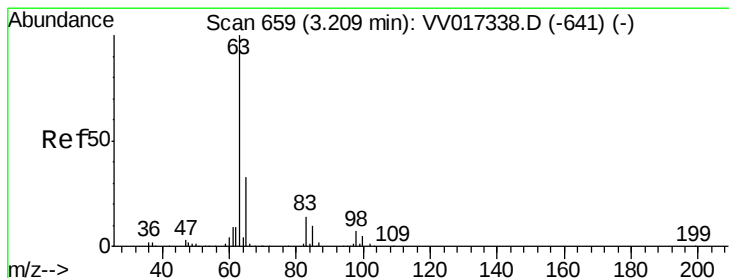
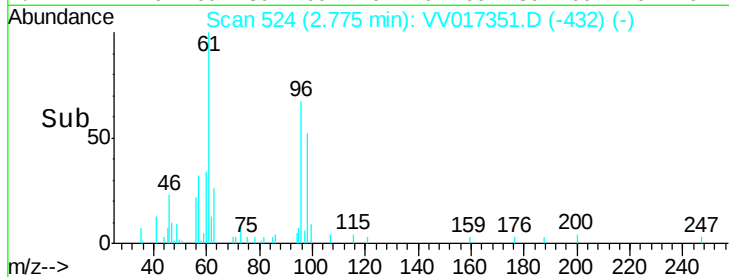
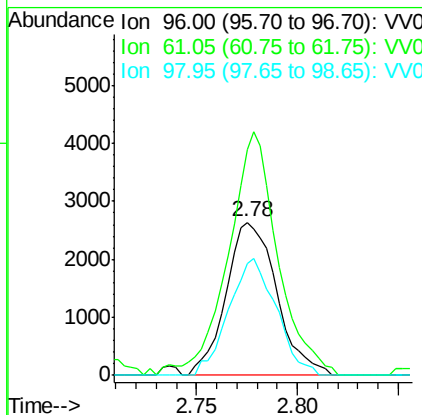
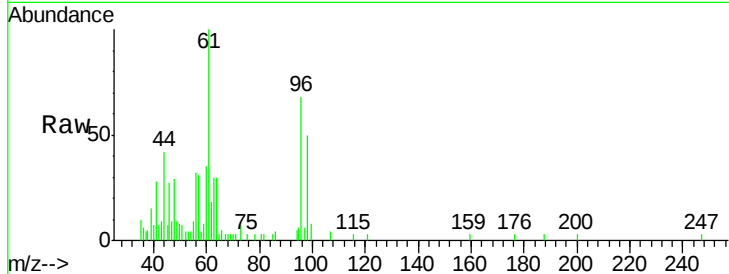
ClientSampled :

H4298

Tot Ion:	96	Resp:	4638
Ion	Ratio	Lower	Upper
96	100		
61	147.6	102.3	189.9
98	73.1	44.7	82.9

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#19

1,1-Dichloroethane

Concen: 0.160 ug/L

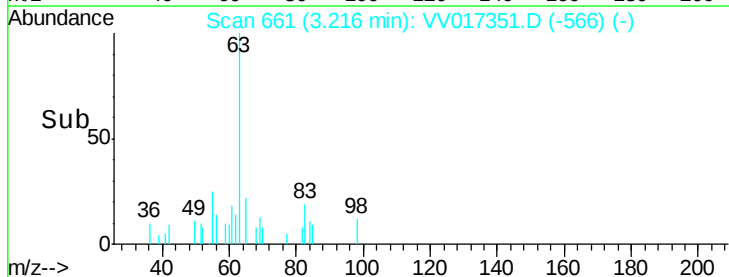
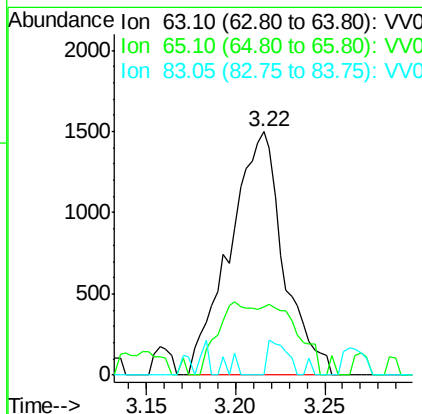
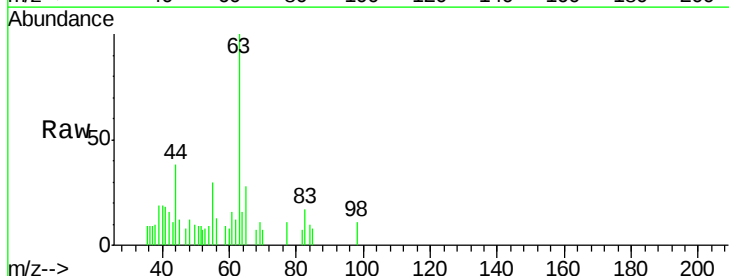
RT: 3.22 min Scan# 661

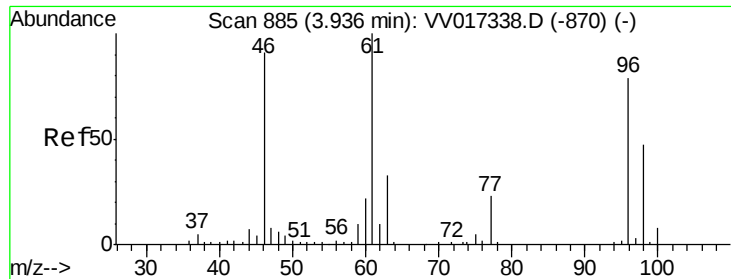
Delta R.T. 0.01 min

Lab File: VV017351.D

Acq: 06 Jul 2020 14:53

Tgt Ion:	63	Resp:	3140
Ion	Ratio	Lower	Upper
63	100		
65	28.1	21.8	40.4
83	0.0	9.7	17.9#





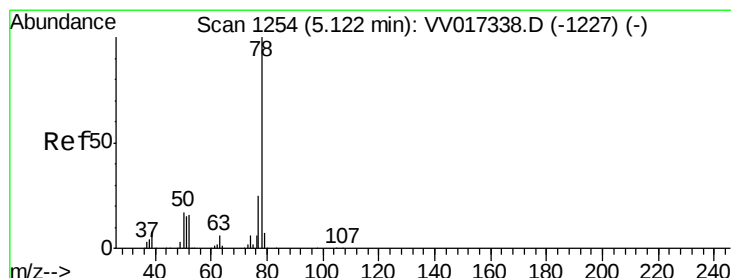
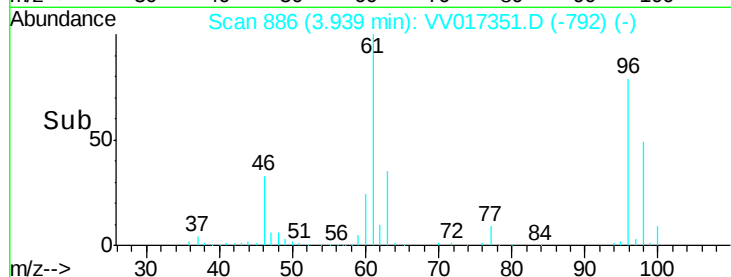
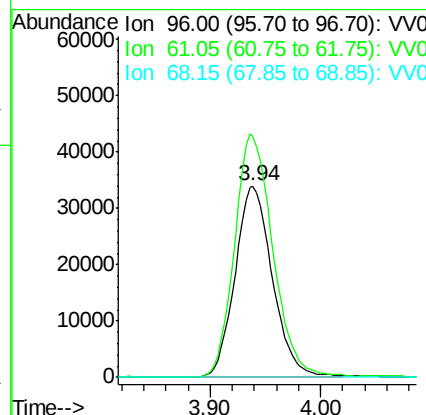
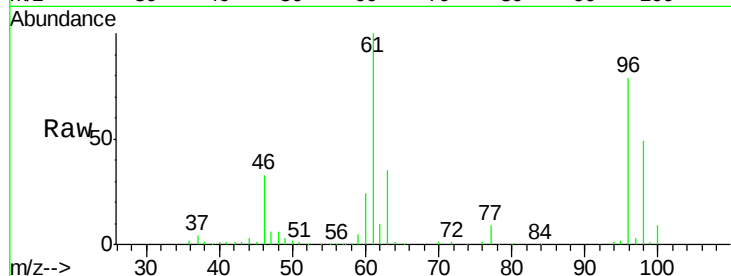
#22
 cis-1,2-Dichloroethene
 Concen: 6.699 ug/L
 RT: 3.94 min Scan# 886
 Delta R.T. 0.00 min
 Lab File: VV017351.D
 Acq: 06 Jul 2020 14:53

Instrument :
 MSVOA_V
 ClientSampleId :
 H4298

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		79846		
61	125.8		91.0	169.0	
68	0.0		0.0	0.0	

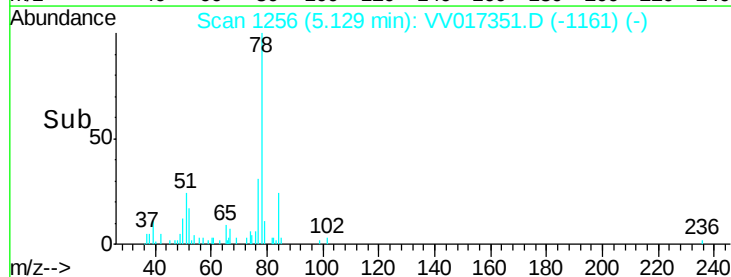
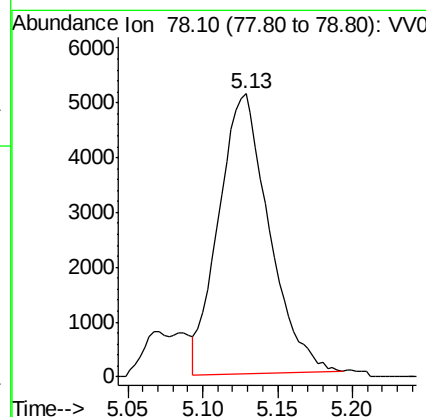
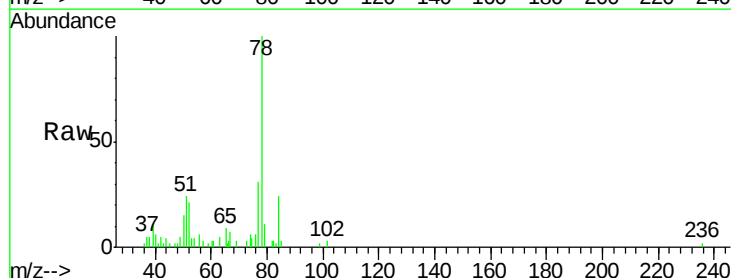
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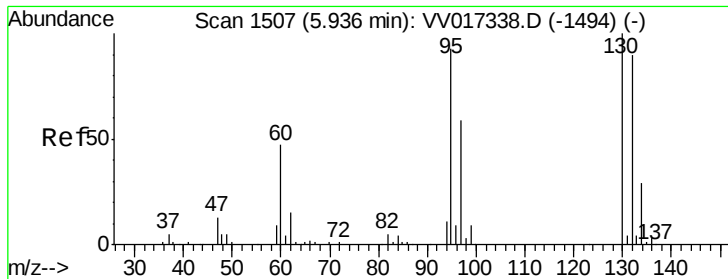
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#33
 Benzene
 Concen: 0.285 ug/L
 RT: 5.13 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: VV017351.D
 Acq: 06 Jul 2020 14:53

Tgt Ion: 78 Resp: 11985





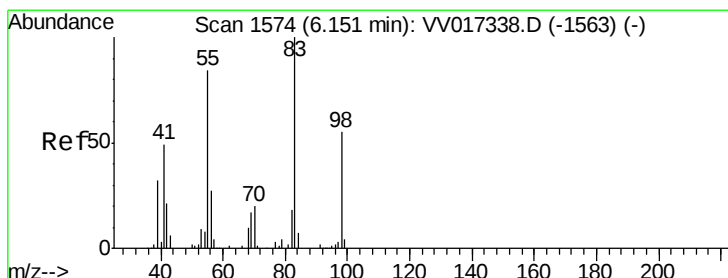
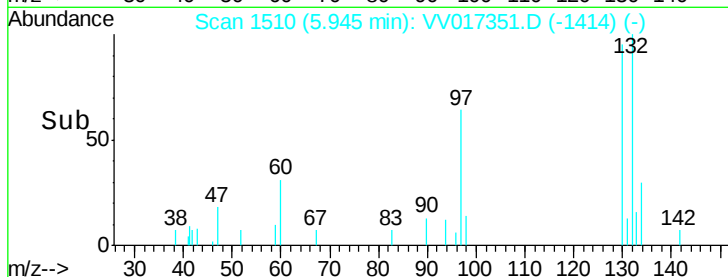
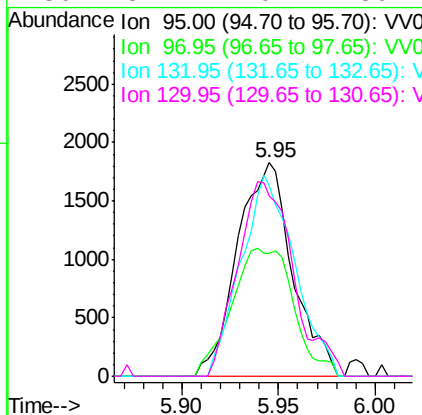
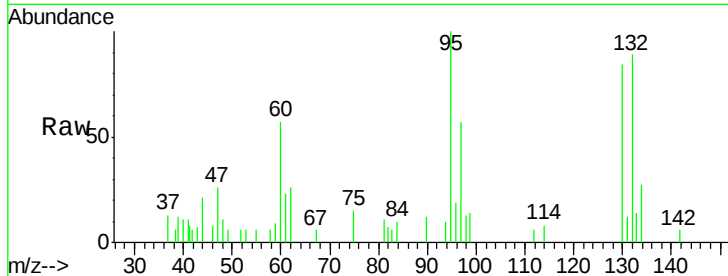
#34
 Trichloroethene
 Concen: 0.293 ug/L
 RT: 5.95 min Scan# 1510
 Delta R.T. 0.01 min
 Lab File: VV017351.D
 Acq: 06 Jul 2020 14:53

Instrument :
 MSVOA_V
 ClientSampled :
 H4298

Tot Ion:	95	Resp:	3616
Ion	Ratio	Lower	Upper
95	100		
97	57.3	45.3	84.1
132	89.1	68.8	127.8
130	84.4	70.2	130.4

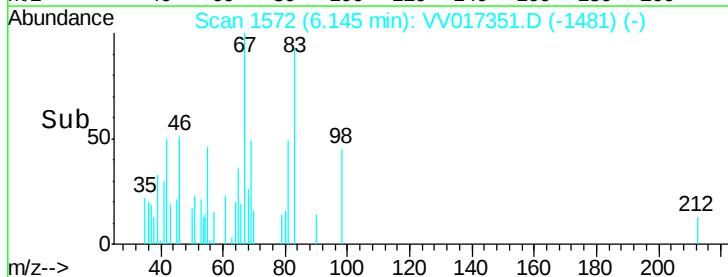
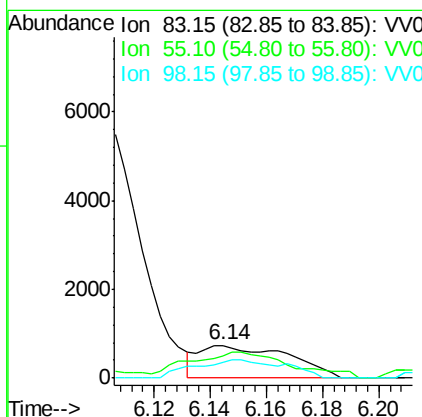
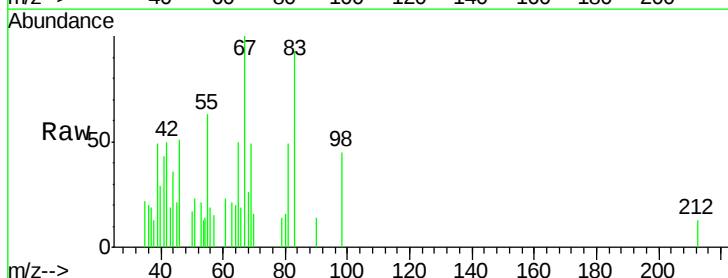
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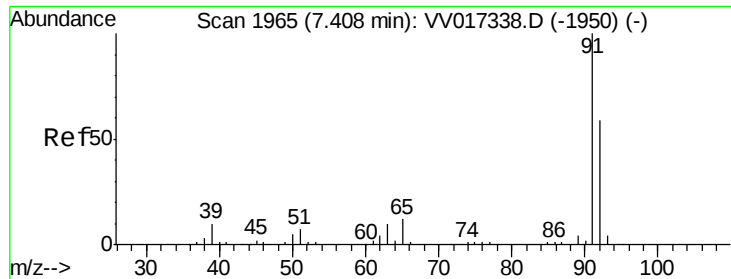
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#35
 Methylcyclohexane
 Concen: 0.085 ug/L m
 RT: 6.14 min Scan# 1572
 Delta R.T. -0.01 min
 Lab File: VV017351.D
 Acq: 06 Jul 2020 14:53

Tgt Ion:	83	Resp:	1628
Ion	Ratio	Lower	Upper
83	100		
55	15.2	63.6	95.4#
98	17.9	38.8	58.2#





#42

Toluene

Concen: 0.205 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV017351.D

Acq: 06 Jul 2020 14:53

Instrument :

MSVOA_V

ClientSampleId :

H4298

Tot Ion: 91 Resp: 10042

Ion Ratio Lower Upper

91 100

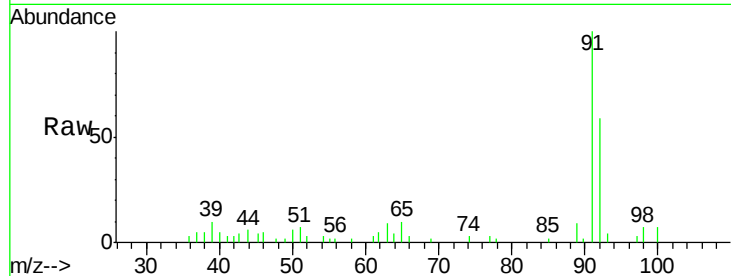
92 58.9 39.9 74.1

Manual Integrations

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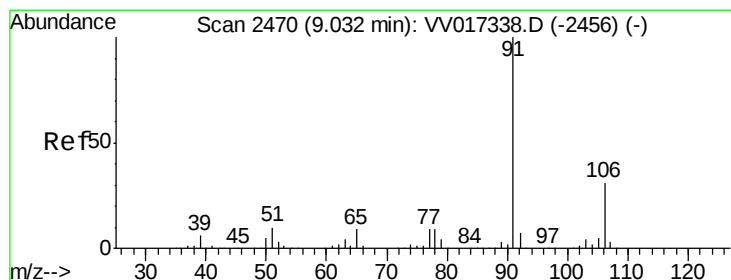
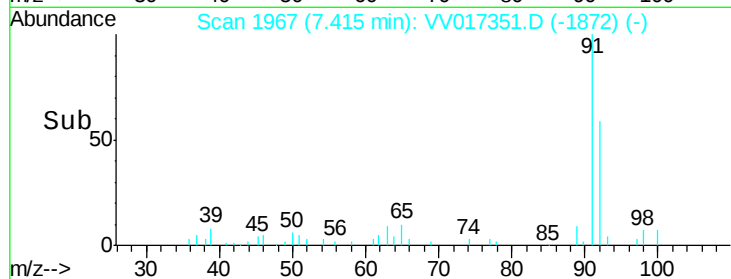
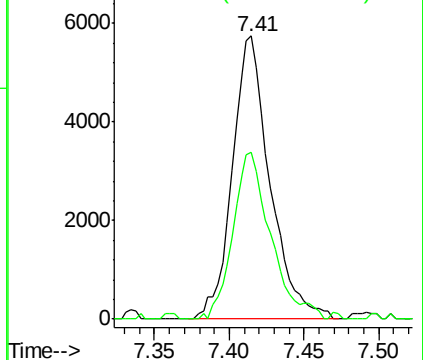
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Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 92.15 (91.85 to 92.85): VV0



#54

Ethylbenzene

Concen: 0.379 ug/L

RT: 9.04 min Scan# 2471

Delta R.T. 0.00 min

Lab File: VV017351.D

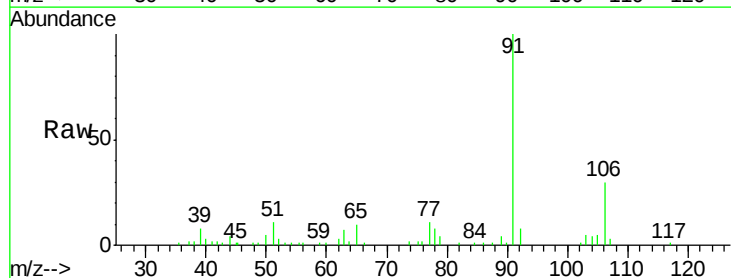
Acq: 06 Jul 2020 14:53

Tgt Ion: 91 Resp: 19815

Ion Ratio Lower Upper

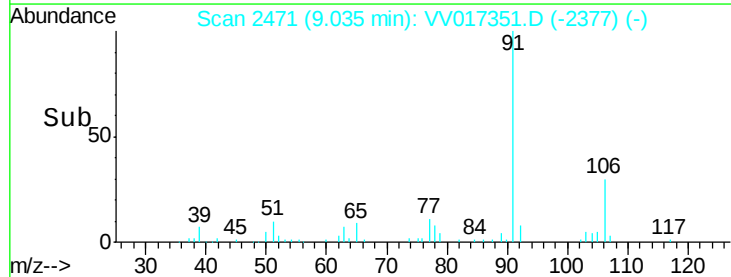
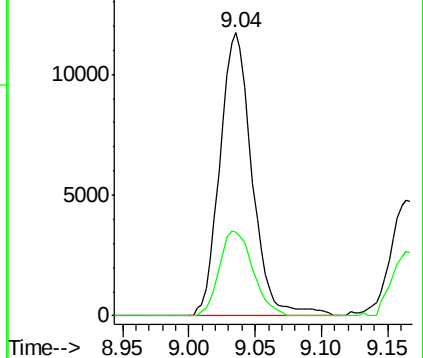
91 100

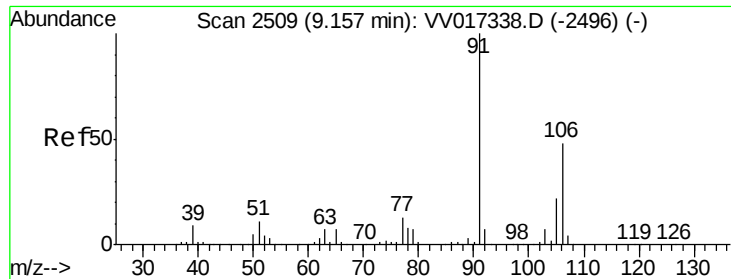
106 29.8 21.1 39.1



Abundance Ion 91.15 (90.85 to 91.85): VV0

Ion 106.15 (105.85 to 106.85): V





#55
 m,p-xylene
 Concen: 0.214 ug/L
 RT: 9.16 min Scan# 2511
 Delta R.T. 0.01 min
 Lab File: VV017351.D
 Acq: 06 Jul 2020 14:53

Instrument :
 MSVOA_V
 ClientSampleId :
 H4298

Tot Ion	Ratio	Lower	Upper
106	100		
91	180.2	142.7	264.9

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