

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\
 Data File : VV017709.D
 Acq On : 28 Jul 2020 17:05
 Operator : SY/MD
 Sample : L3470-01
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE4

Manual Integrations
 APPROVED

MMDadoda
 7/29/2020 11:43:09 AM

Quant Time: Jul 29 06:43:36 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 29 05:17:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	145457	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	144504	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	80480	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	29291	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.57	69	23517	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.40%
11) 1,1-Dichloroethene-d2	2.12	63	54393	3.49	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.80%
20) 2-Butanone-d5	3.99	46	61446m	36.98	ug/L	0.04
Spiked Amount	50.000	Range	40 - 130	Recovery	=	73.96%
24) Chloroform-d	4.37	84	79198	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.06	65	42621	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.40%
32) Benzene-d6	5.07	84	132305	4.15	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.00%
36) 1,2-Dichloropropane-d6	6.09	67	36793	4.15	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.00%
41) Toluene-d8	7.34	98	123672	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
45) trans-1,3-Dichloropropene-	7.65	79	16933	4.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.40%
48) 2-Hexanone-d5	8.12	63	46693	37.55	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.10%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	28338	4.60	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.00%
65) 1,2-Dichlorobenzene-d4	11.65	152	57452	4.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	243962	23.476	ug/L	99
12) 1,1-Dichloroethene	2.13	96	7625	0.973	ug/L #	1
14) Carbon disulfide	2.31	76	13874	0.583	ug/L	98
15) Methyl Acetate	2.47	43	5276	2.085	ug/L #	58
16) Methylene chloride	2.52	84	3394	0.389	ug/L	96
18) trans-1,2-Dichloroethene	2.77	96	10406	1.219	ug/L	95
19) 1,1-Dichloroethane	3.20	63	4594	0.256	ug/L #	86
22) cis-1,2-Dichloroethene	3.93	96	3616009	336.437	ug/L	97
27) 1,2-Dichloroethane	5.16	62	8739	0.669	ug/L	100
33) Benzene	5.13	78	4328	0.106	ug/L	100
34) Trichloroethene	5.93	95	292380	25.590	ug/L	98
42) Toluene	7.41	91	9540	0.214	ug/L	88
49) Tetrachloroethene	7.99	164	2456	0.244	ug/L	79
55) m,p-xylene	9.16	106	3990	0.212	ug/L	90
56) o-xylene	9.57	106	2122	0.116	ug/L	76

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Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

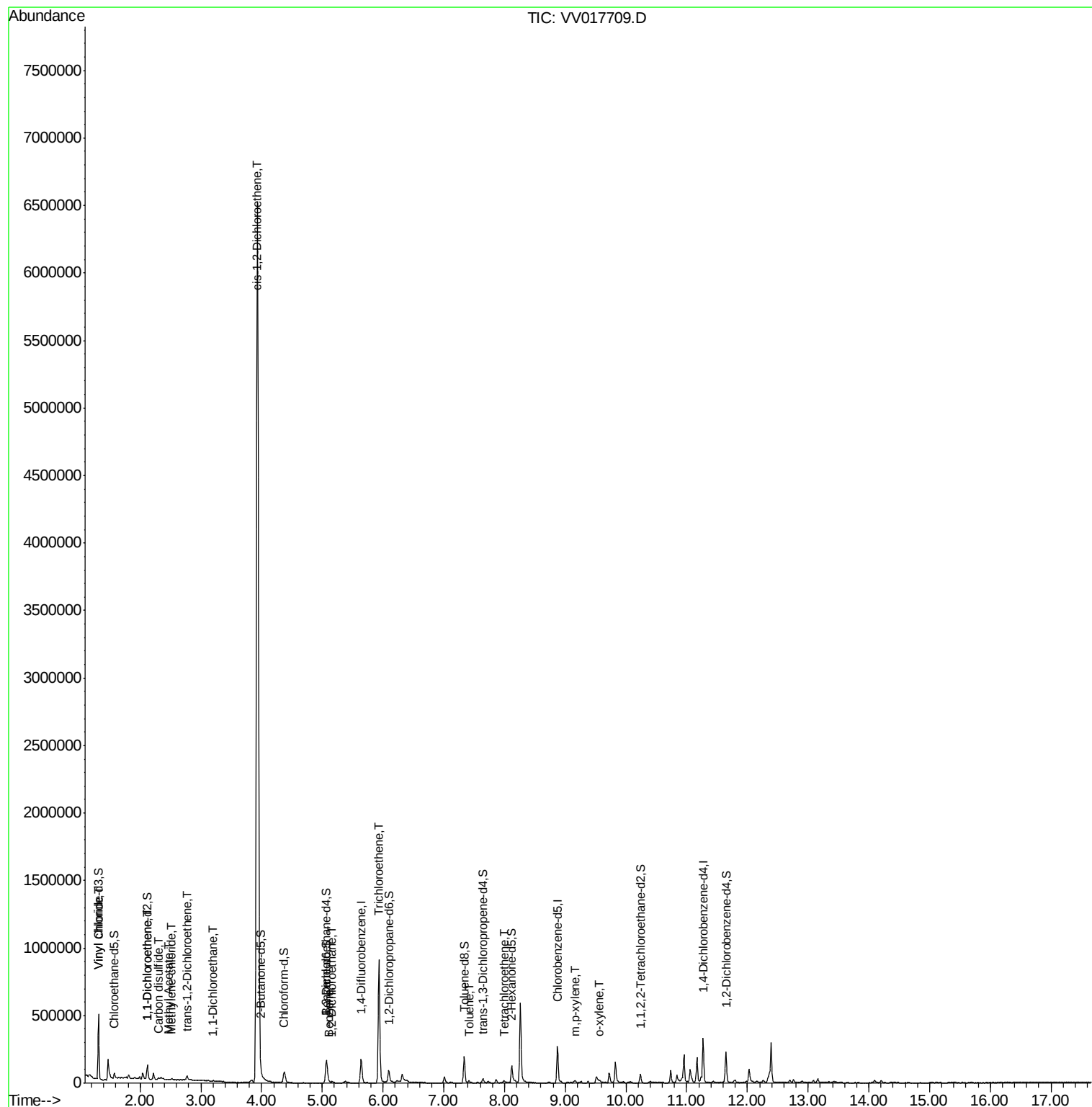
Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072820\
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Sample : L3470-01
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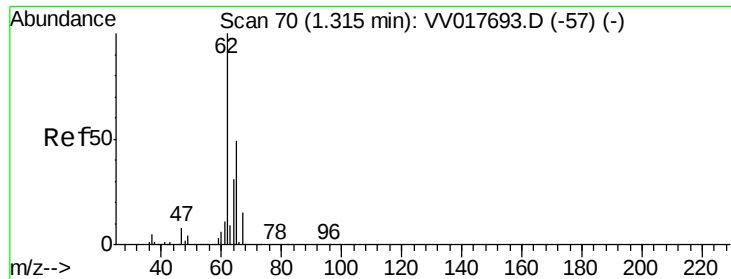
Instrument :
MSVOA_V
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Manual Integrations
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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Jul 29 05:17:09 2020
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 23.476 ug/L

RT: 1.32 min Scan# 70

Delta R.T. -0.00 min

Lab File: VV017709.D

Acq: 28 Jul 2020 17:05

Instrument :

MSVOA_V

ClientSampled :

H0AE4

Tot Ion: 62 Resp: 243962

Ion Ratio Lower Upper

62 100

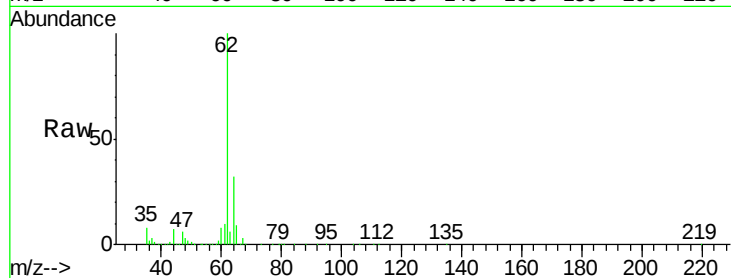
64 32.1 23.0 42.8

Manual Integrations

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Abundance Ion 62.00 (61.70 to 62.70): VV0

Ion 64.10 (63.80 to 64.80): VV0

1.32

250000

200000

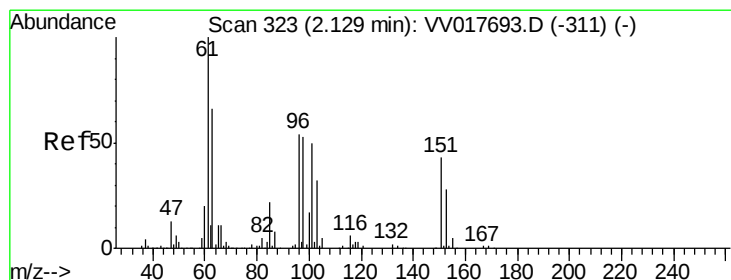
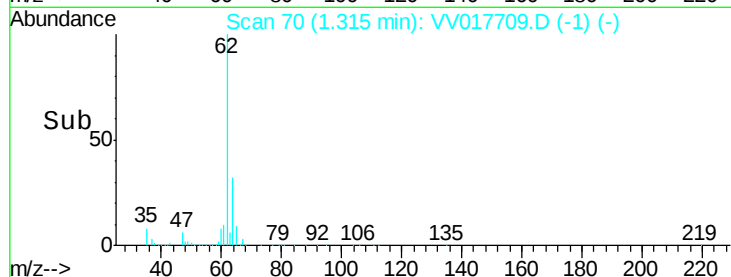
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#12

1,1-Dichloroethene

Concen: 0.973 ug/L

RT: 2.13 min Scan# 323

Delta R.T. -0.00 min

Lab File: VV017709.D

Acq: 28 Jul 2020 17:05

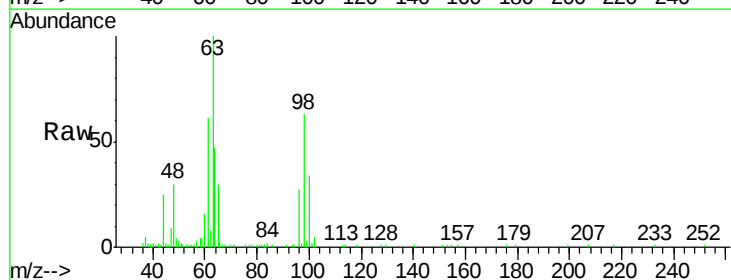
Tgt Ion: 96 Resp: 7625

Ion Ratio Lower Upper

96 100

61 223.0 123.1 228.7

63 364.5 91.2 169.4#



Abundance Ion 96.00 (95.70 to 96.70): VV0

Ion 61.05 (60.75 to 61.75): VV0

Ion 63.00 (62.70 to 63.70): VV0

50000

40000

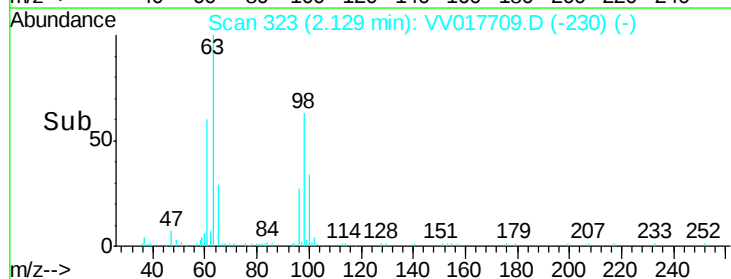
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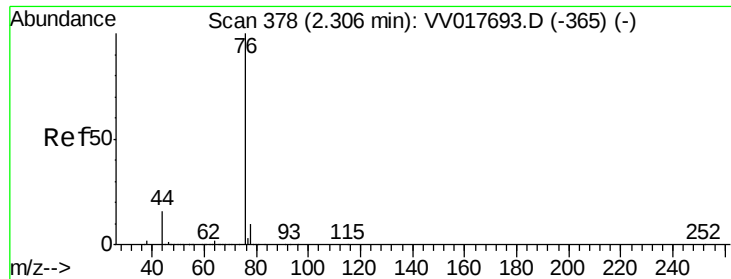
20000

10000

0

Time--> 2.10 2.15 2.20





#14

Carbon disulfide

Concen: 0.583 ug/L

RT: 2.31 min Scan# 378

Delta R.T. -0.00 min

Lab File: VV017709.D

Acq: 28 Jul 2020 17:05

Instrument :

MSVOA_V

ClientSampled :

H0AE4

Tot Ion: 76 Resp: 13874

Ion Ratio Lower Upper

76 100

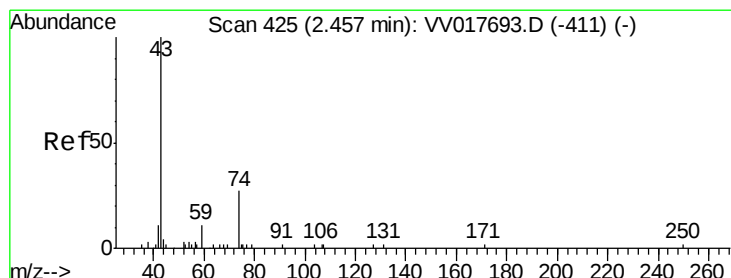
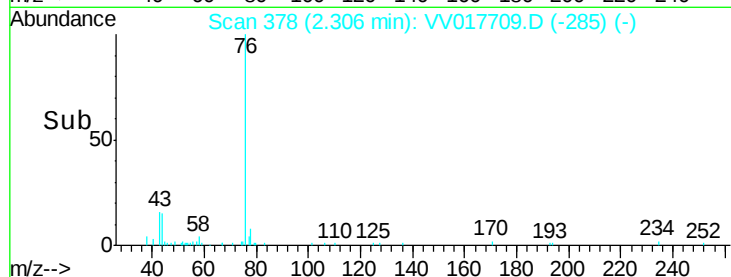
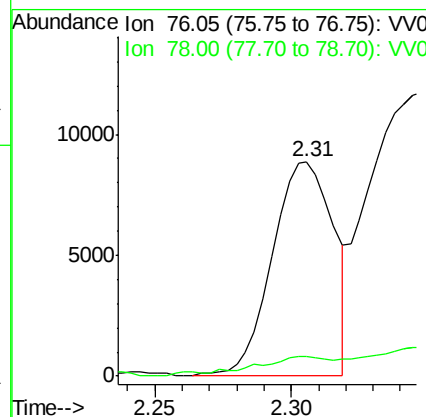
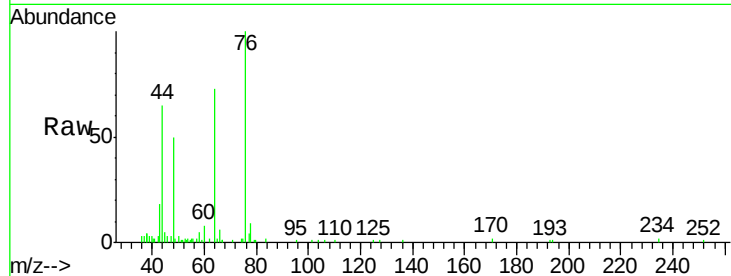
78 9.0 6.6 10.0

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#15

Methyl Acetate

Concen: 2.085 ug/L

RT: 2.47 min Scan# 430

Delta R.T. 0.02 min

Lab File: VV017709.D

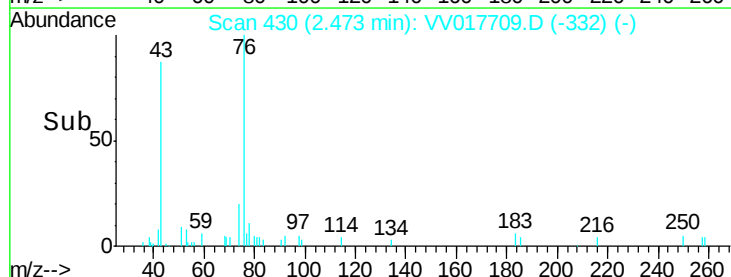
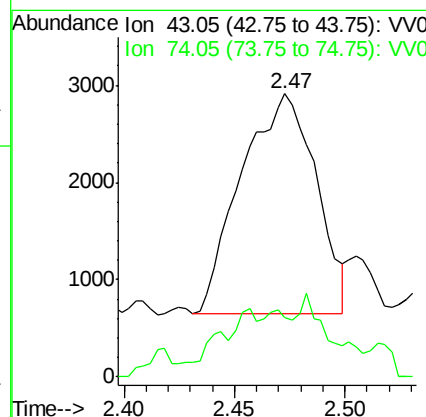
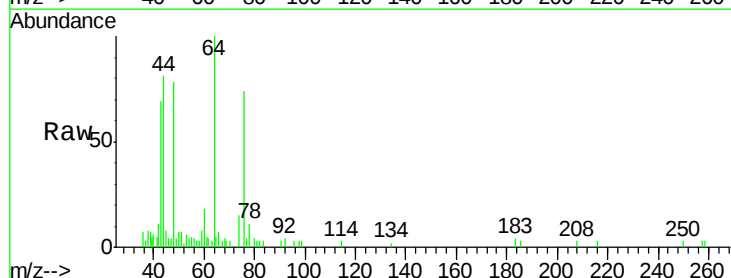
Acq: 28 Jul 2020 17:05

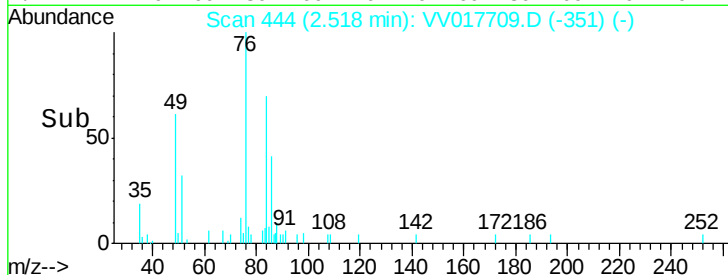
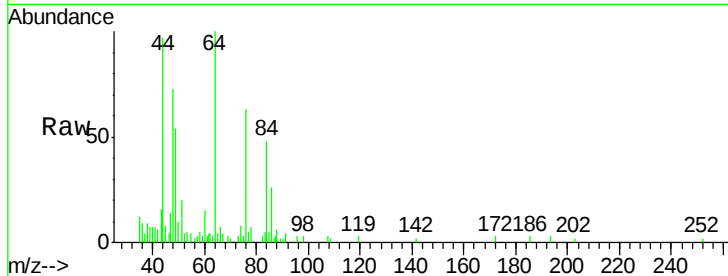
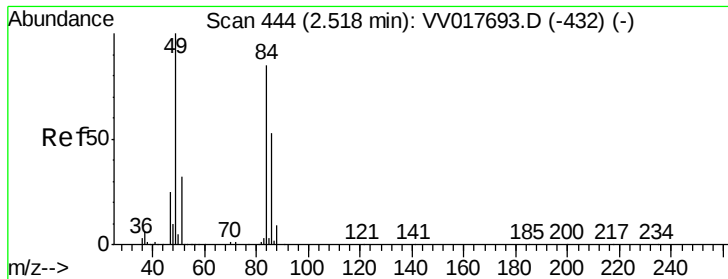
Tgt Ion: 43 Resp: 5276

Ion Ratio Lower Upper

43 100

74 9.3 26.6 40.0#





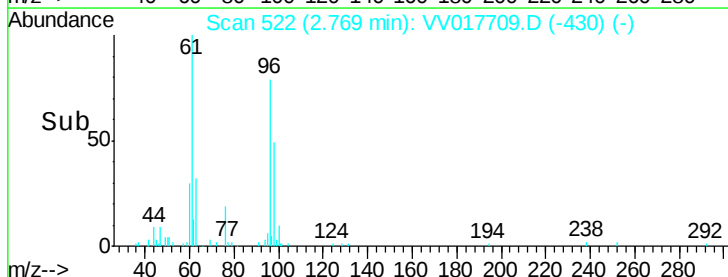
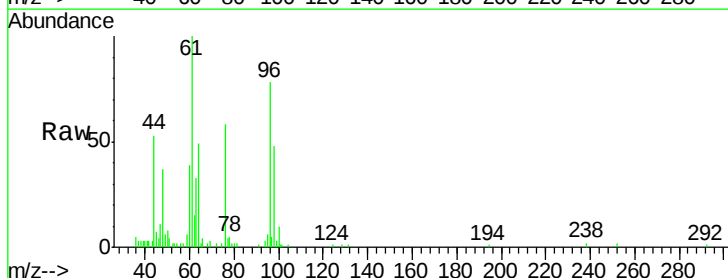
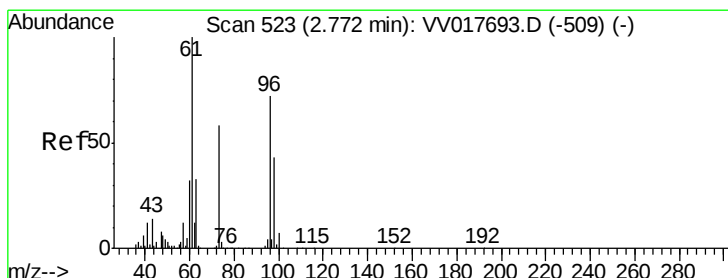
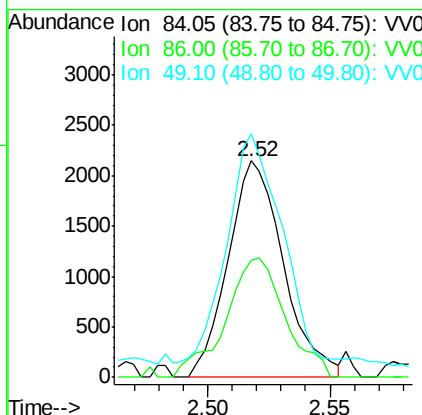
#16
Methvlene chloride
Concen: 0.389 ug/L
RT: 2.52 min Scan# 444
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tot Ion	Ratio	Lower	Upper
84	100		
86	59.2	46.5	86.3
49	112.5	79.2	147.2

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MSVOA_V
ClientSampleId :
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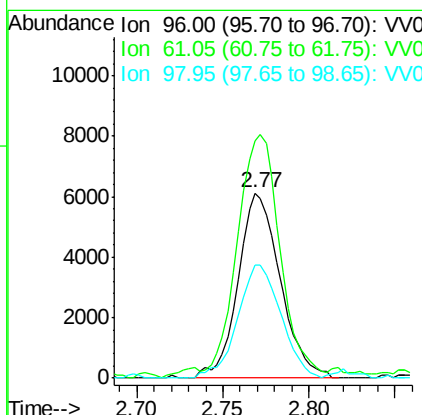
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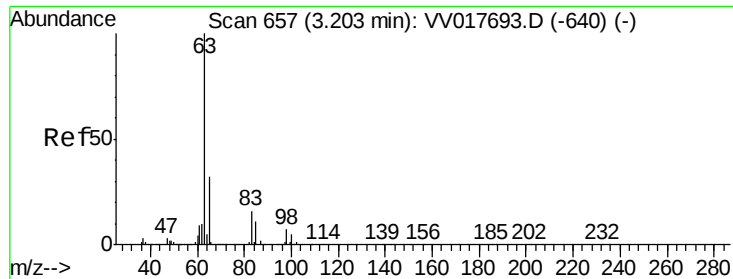
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#18
trans-1,2-Dichloroethene
Concen: 1.219 ug/L
RT: 2.77 min Scan# 522
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	128.2	96.0	178.4
98	61.3	43.5	80.9





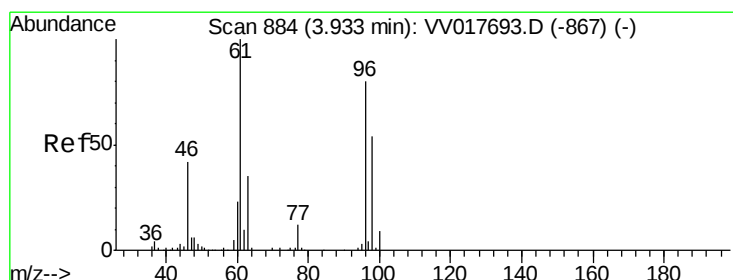
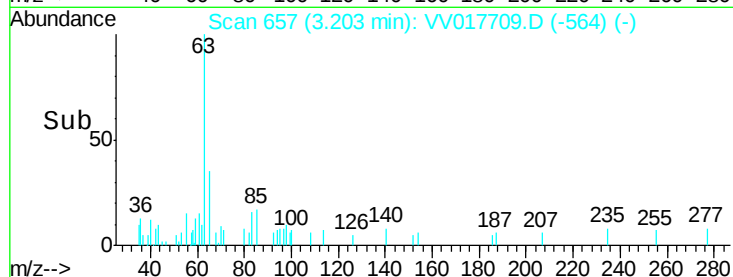
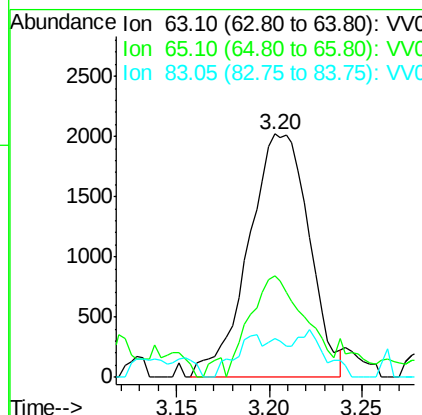
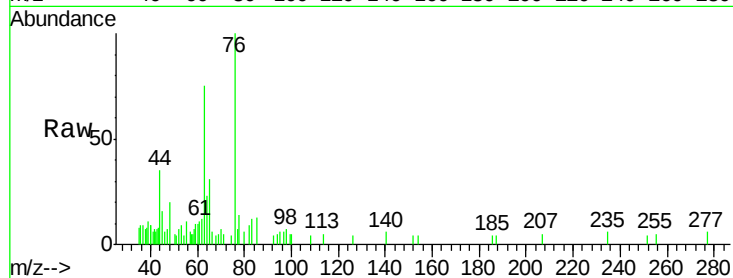
#19
1,1-Dichloroethane
Concen: 0.256 ug/L
RT: 3.20 min Scan# 657
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :
H0AE4

Tot Ion	Ratio	Lower	Upper
63	100		
65	41.6	21.4	39.8#
83	15.7	10.4	19.4

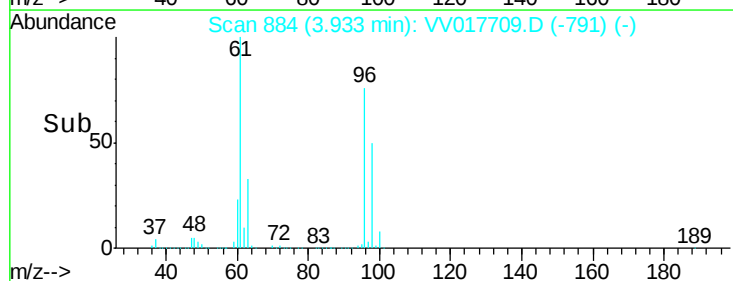
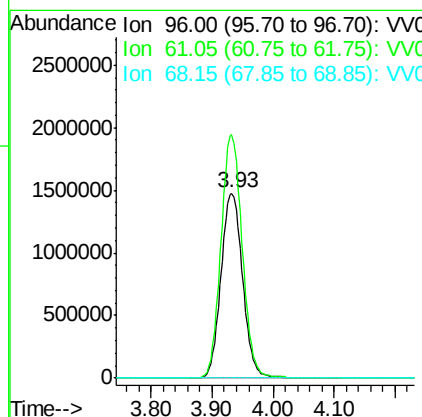
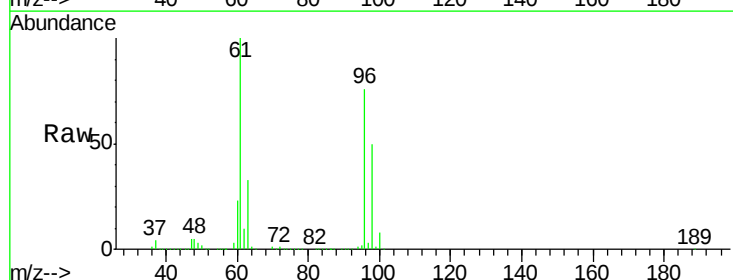
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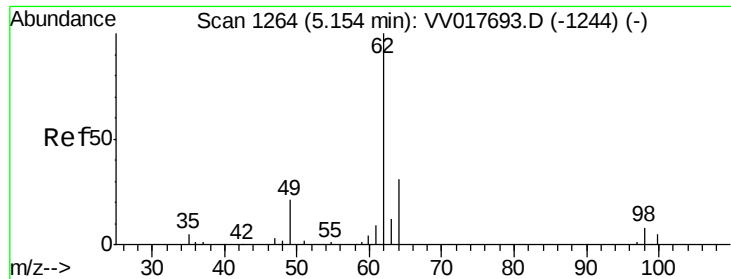
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#22
cis-1,2-Dichloroethene
Concen: 336.437 ug/L
RT: 3.93 min Scan# 884
Delta R.T. -0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Tgt Ion	Ratio	Lower	Upper
96	100		
61	131.5	89.6	166.4
68	0.0	0.0	0.0





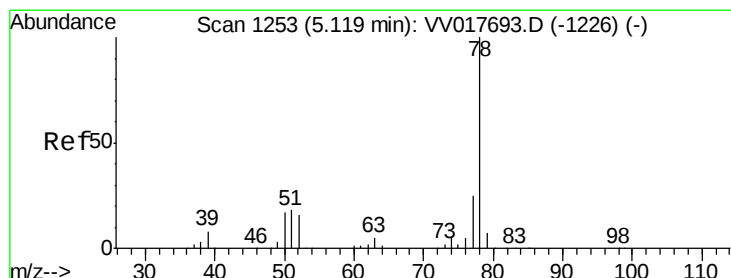
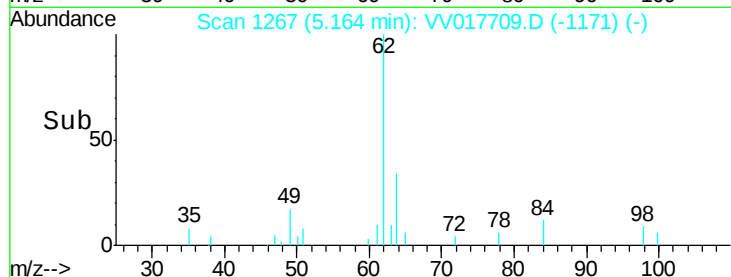
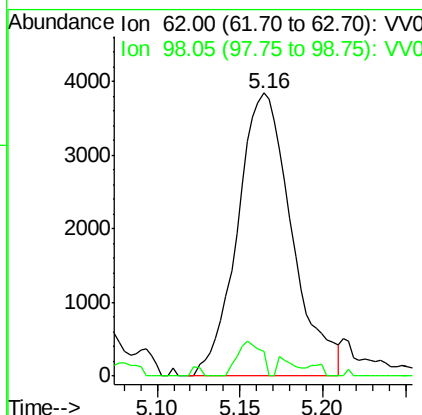
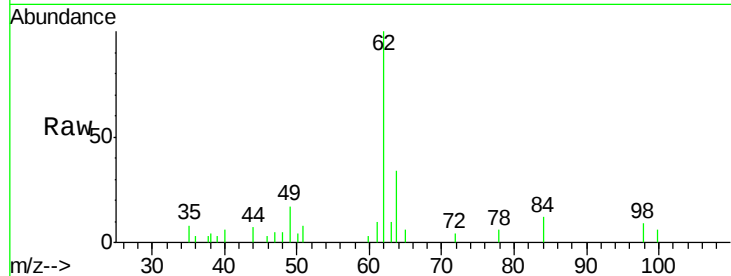
#27
 1,2-Dichloroethane
 Concen: 0.669 ug/L
 RT: 5.16 min Scan# 1267
 Delta R.T. 0.01 min
 Lab File: VV017709.D
 Acq: 28 Jul 2020 17:05

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AE4

Tot Ion: 62 Resp: 8739
 Ion Ratio Lower Upper
 62 100
 98 8.8 7.0 10.6

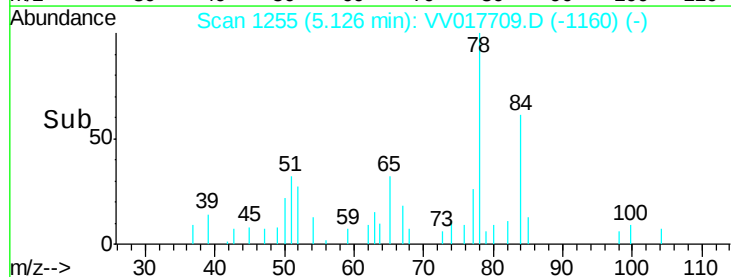
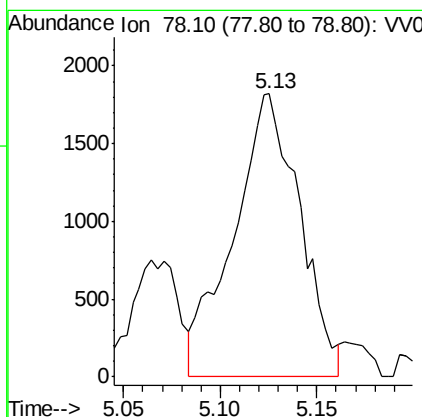
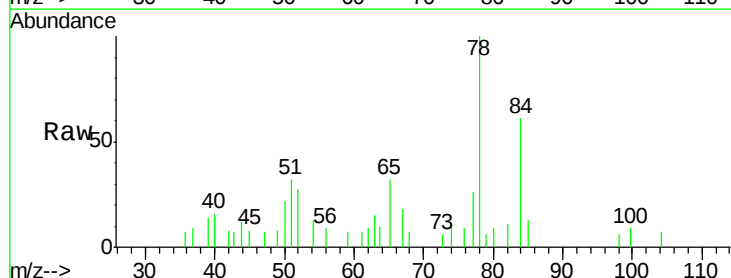
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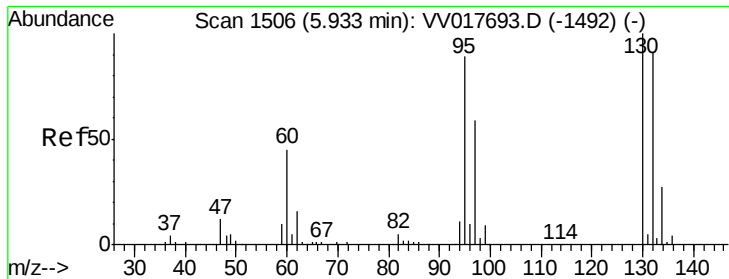
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#33
 Benzene
 Concen: 0.106 ug/L
 RT: 5.13 min Scan# 1255
 Delta R.T. 0.01 min
 Lab File: VV017709.D
 Acq: 28 Jul 2020 17:05

Tgt Ion: 78 Resp: 4328





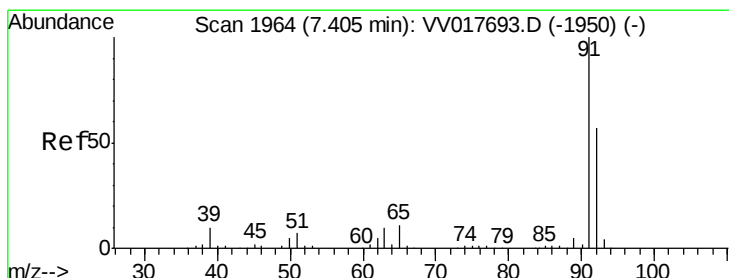
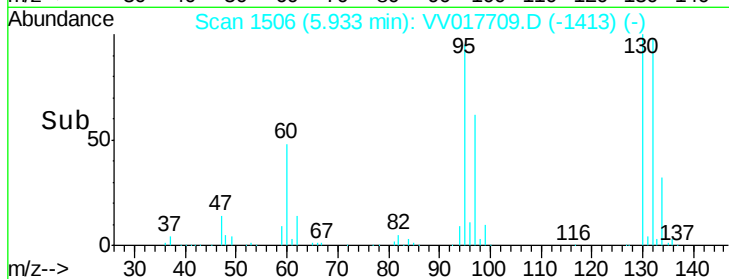
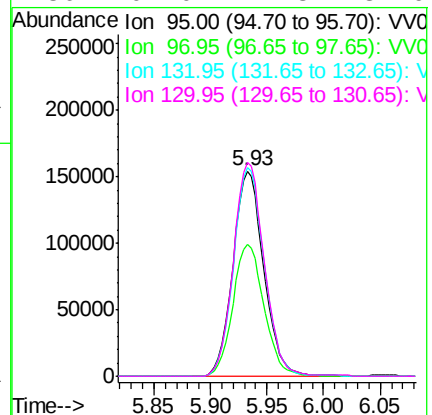
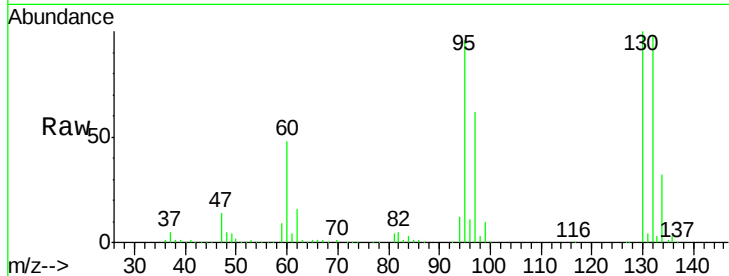
#34
 Trichloroethene
 Concen: 25.590 ug/L
 RT: 5.93 min Scan# 1506
 Delta R.T. -0.00 min
 Lab File: VV017709.D
 Acq: 28 Jul 2020 17:05

Instrument :
 MSVOA_V
 ClientSampled :
 H0AE4

Tot Ion	Ion	Ratio	Resp	Lower	Upper
95	100		292380		
97	64.1	46.1	85.5		
132	101.7	71.7	133.1		
130	104.0	74.3	137.9		

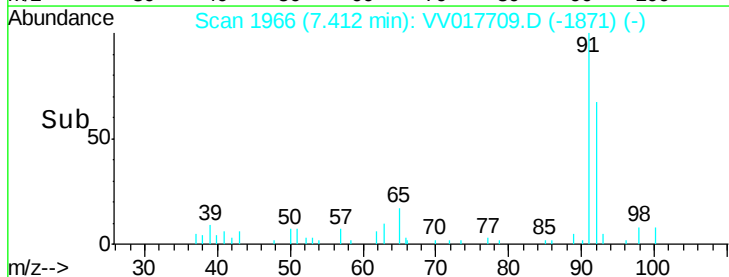
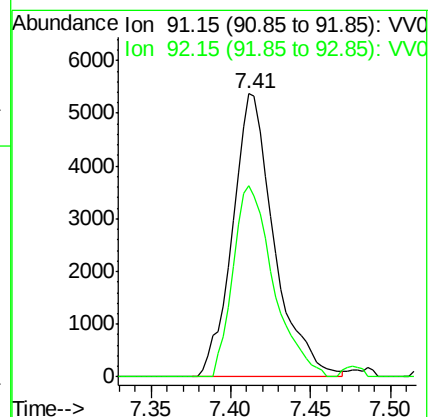
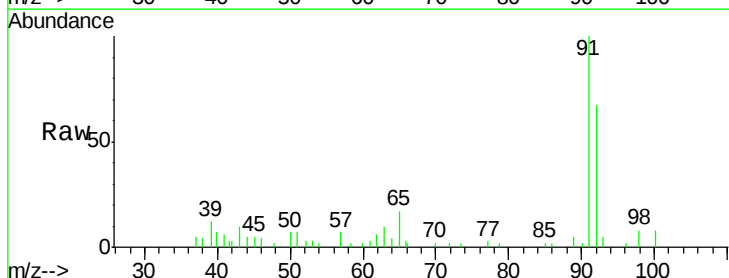
Manual Integrations
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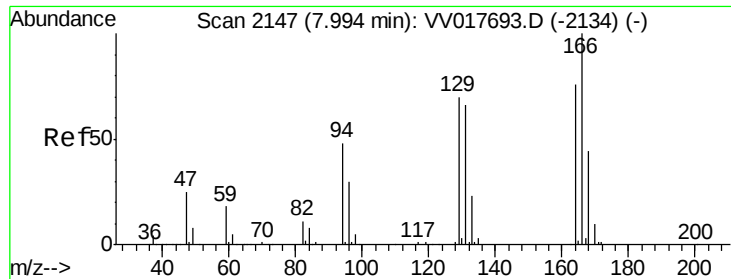
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#42
 Toluene
 Concen: 0.214 ug/L
 RT: 7.41 min Scan# 1966
 Delta R.T. 0.01 min
 Lab File: VV017709.D
 Acq: 28 Jul 2020 17:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
91	100		9540		
92	67.5	40.8	75.8		





#49

Tetrachloroethene

Concen: 0.244 ug/L

RT: 7.99 min Scan# 2147

Delta R.T. -0.00 min

Lab File: VV017709.D

Acq: 28 Jul 2020 17:05

Instrument :

MSVOA_V

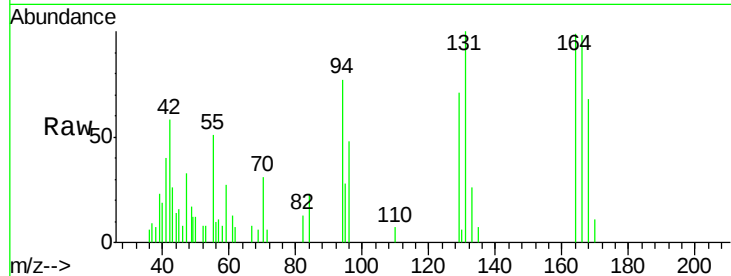
ClientSampled :

H0AE4

Tot Ion:	164	Resp:	2456
Ion	Ratio	Lower	Upper
164	100		
129	71.8	65.0	120.8
131	100.6	63.6	118.2
166	99.0	91.7	170.3

Manual Integrations
APPROVED

MMDadoda
7/29/2020 11:43:09 AM



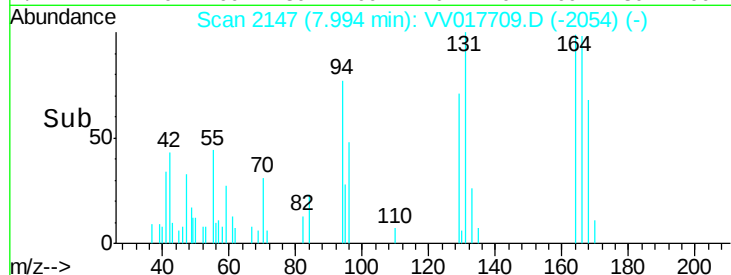
Abundance Ion 163.90 (163.60 to 164.60): V

Ion 128.95 (128.65 to 129.65): V

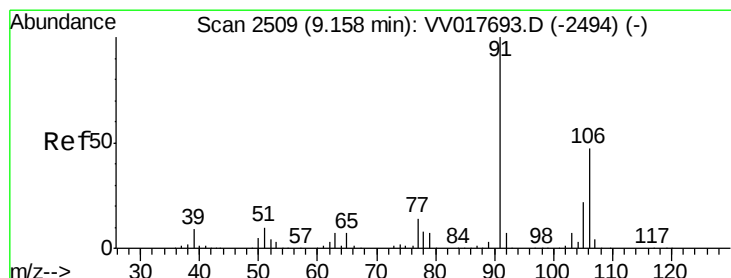
Ion 130.95 (130.65 to 131.65): V

Ion 165.90 (165.60 to 166.60): V

Time-->



Time-->



#55

m,p-xylene

Concen: 0.212 ug/L

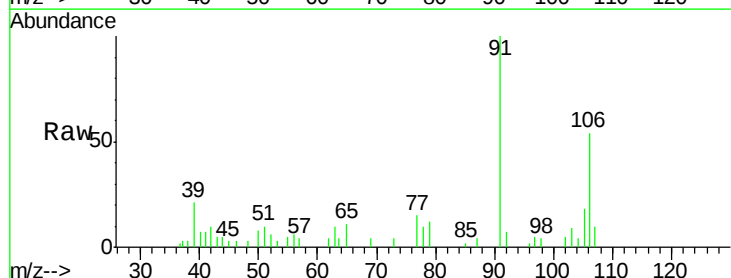
RT: 9.16 min Scan# 2510

Delta R.T. 0.00 min

Lab File: VV017709.D

Acq: 28 Jul 2020 17:05

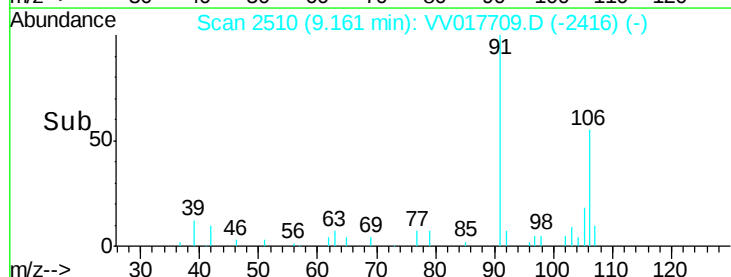
Tgt Ion:	106	Resp:	3990
Ion	Ratio	Lower	Upper
106	100		
91	186.0	141.3	262.3



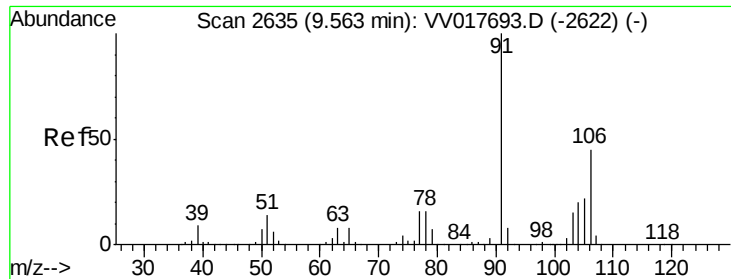
Abundance Ion 106.15 (105.85 to 106.85): V

Ion 91.15 (90.85 to 91.85): VV0

Time-->



Time-->



#56
o-xylene
Concen: 0.116 ug/L
RT: 9.57 min Scan# 2636
Delta R.T. 0.00 min
Lab File: VV017709.D
Acq: 28 Jul 2020 17:05

Instrument :
MSVOA_V
ClientSampleId :
H0AE4

Tot Ion	Ratio	Lower	Upper
106	100		
91	181.3	153.9	285.7

Manual Integrations
APPROVED

MMDadoda
7/29/2020 11:43:09 AM

