

Data File : VR025430.D
Acq On : 25 Jun 2018 15:46
Operator : SY/MD
Sample : J3673-12
Misc : 25mL/MSVOA_R/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_R
ClientSampleId :
DAZA7

Manual Integrations
APPROVED

MMDadoda
6/28/2018 5:14:42 PM

Quant Time: Jun 26 02:02:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 22:38:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.48	114	540024	5.00	ug/L	0.02
28) Chlorobenzene-d5	11.29	117	423705	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	139058	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.16	65	69840	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	2.63	69	53144	3.93	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.60%
11) 1,1-Dichloroethene-d2	3.65	63	437825	9.25	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	185.00%#
20) 2-Butanone-d5	6.59	46	5820	1.18	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	2.36%#
24) Chloroform-d	7.21	84	318432	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	7.91	65	127830	4.86	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	7.87	84	647422	4.51	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.20%
36) 1,2-Dichloropropane-d6	8.96	67	185131	4.54	ug/L	0.06
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	9.98	98	536976	4.23	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.60%
43) trans-1,3-Dichloropropene-	10.24	79	54804	5.05	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.00%
46) 2-Hexanone-d5	10.59	63	198769	52.72	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.44%
57) 1,1,2,2-Tetrachloroethane-	12.36	84	75964	4.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.60%
64) 1,2-Dichlorobenzene-d4	13.51	152	102034	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

						Qvalue
5) Vinyl chloride	2.17	62	2316076	103.577	ug/L	99
12) 1,1-Dichloroethene	3.66	96	451900	23.805	ug/L #	69
13) Acetone	3.72	43	34949	15.695	ug/L	97
18) trans-1,2-Dichloroethene	4.93	96	19494718	499.564	ug/L	96
19) 1,1-Dichloroethane	5.70	63	106992	1.459	ug/L	93
22) cis-1,2-Dichloroethene	6.68	96	44706014	1097.842	ug/L #	83
25) Chloroform	7.24	83	64252	0.959	ug/L	93
27) 1,2-Dichloroethane	8.00	62	51149	1.672	ug/L #	78
33) Benzene	7.92	78	150545	0.905	ug/L	100
34) Trichloroethene	8.82	95	83028607m	2062.925	ug/L	
42) Toluene	10.04	91	72863	0.409	ug/L	93
45) 1,1,2-Trichloroethane	10.45	97	85921	5.005	ug/L	90
47) Tetrachloroethene	10.52	164	492671	18.336	ug/L	94
54) o-Xylene	11.83	106	12602	0.209	ug/L	91

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

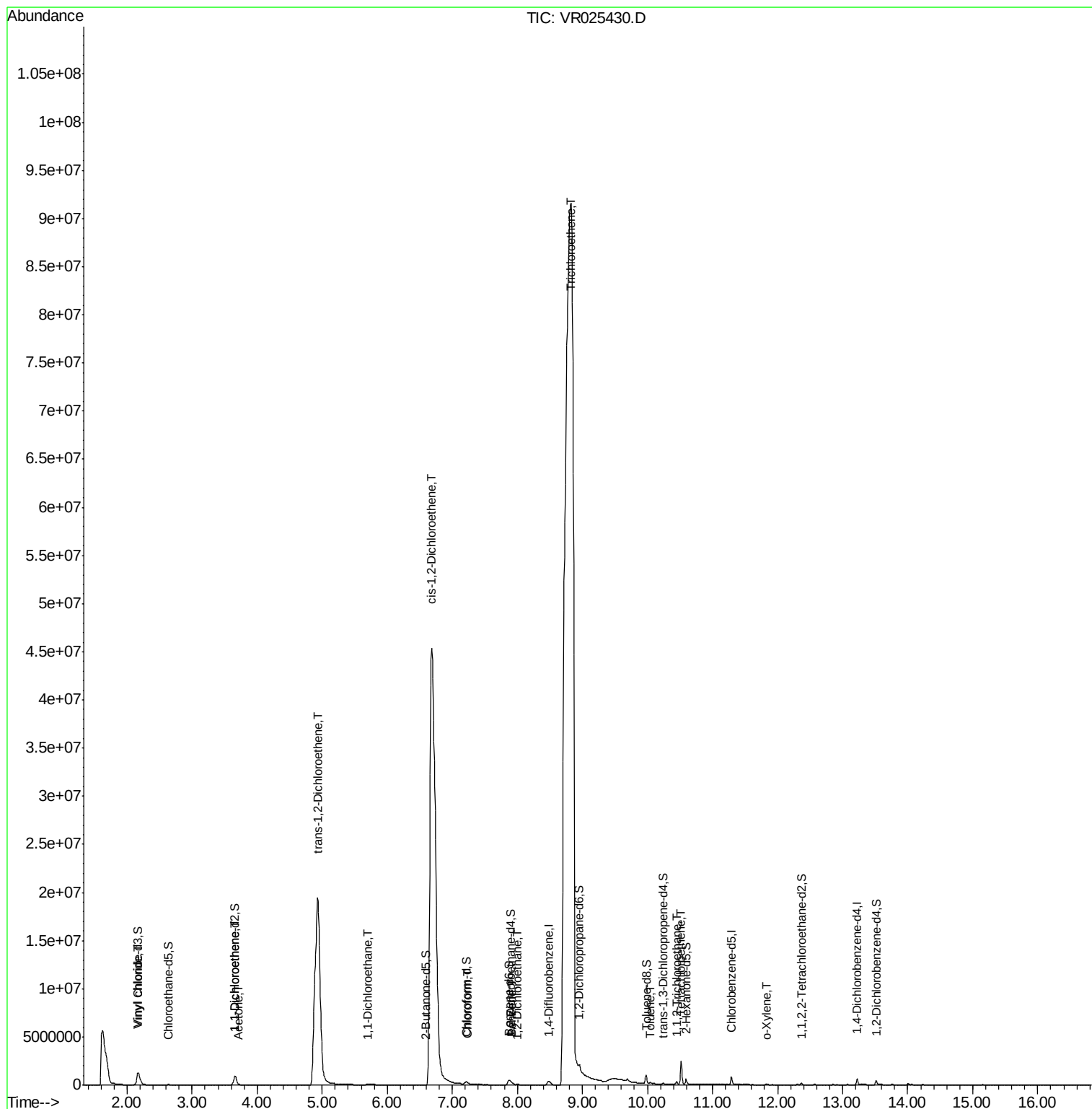
Data File : VR025430.D
Acq On : 25 Jun 2018 15:46
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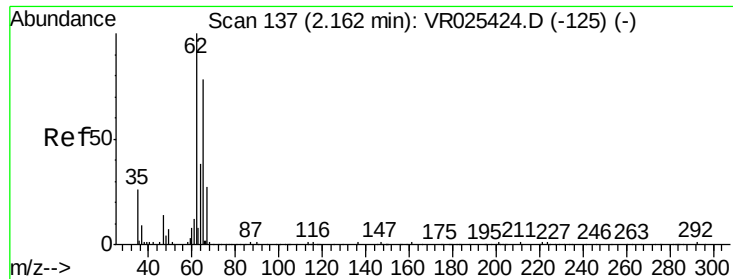
Instrument :
MSVOA_R
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Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jun 22 22:38:28 2018
Response via : Initial Calibration





#5

Vinyl chloride

Concen: 103.577 ug/L

RT: 2.17 min Scan# 138

Delta R.T. 0.01 min

Lab File: VR025430.D

Acq: 25 Jun 2018 15:46

Instrument :

MSVOA_R

ClientSampleId :

DAZA7

Tgt Ion: 62 Resp: 2316076

Ion Ratio Lower Upper

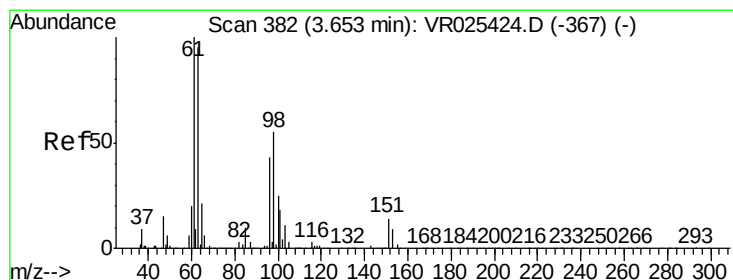
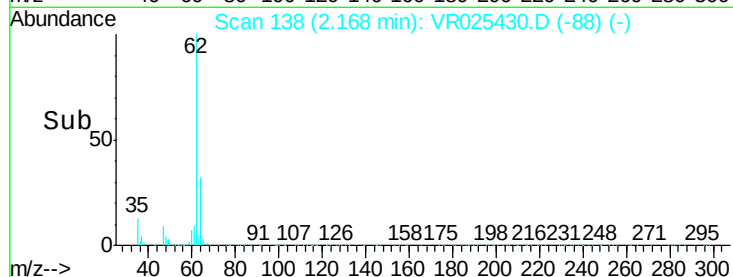
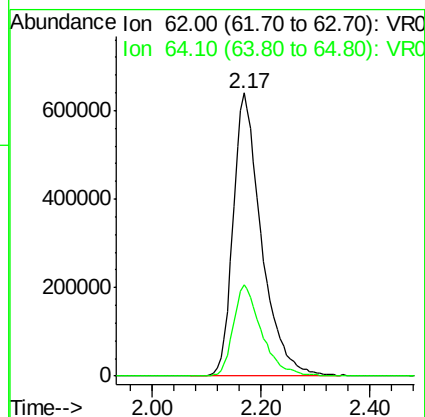
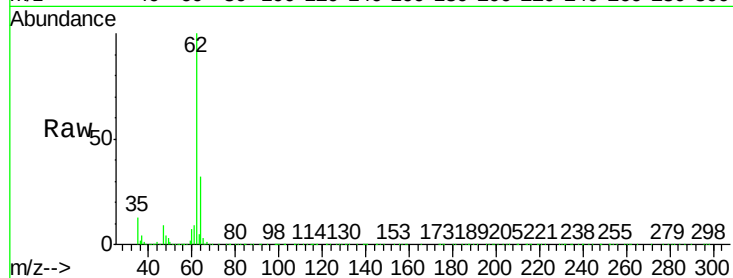
62 100

64 32.2 22.8 42.4

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#12

1,1-Dichloroethene

Concen: 23.805 ug/L

RT: 3.66 min Scan# 383

Delta R.T. 0.01 min

Lab File: VR025430.D

Acq: 25 Jun 2018 15:46

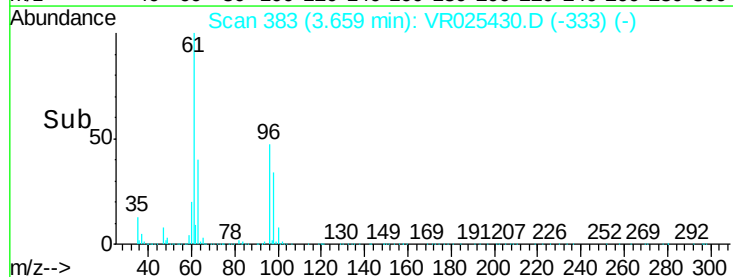
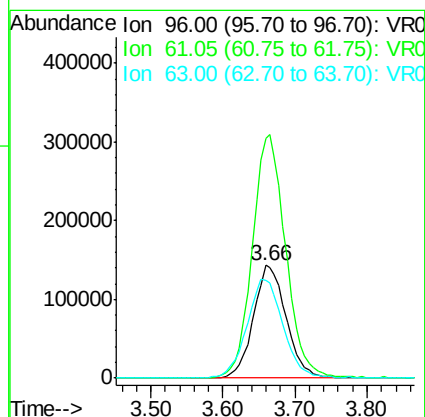
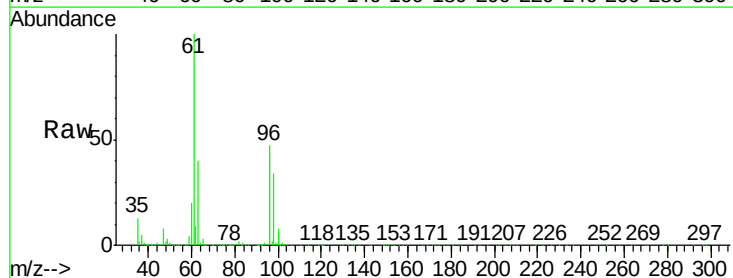
Tgt Ion: 96 Resp: 451900

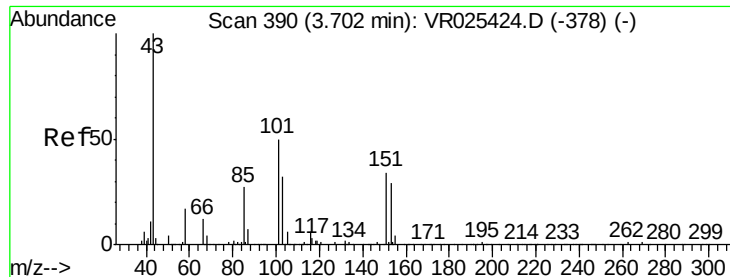
Ion Ratio Lower Upper

96 100

61 213.3 155.0 287.9

63 86.3 122.3 227.1#





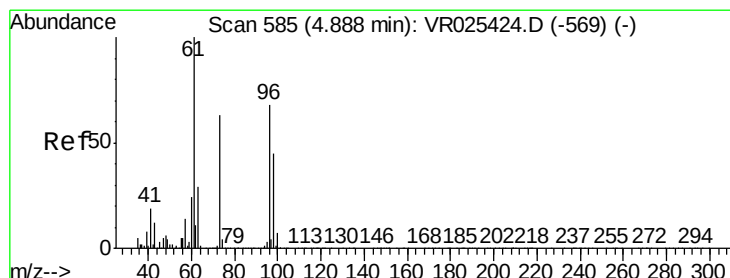
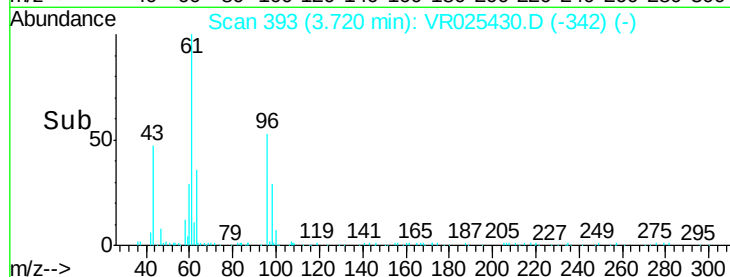
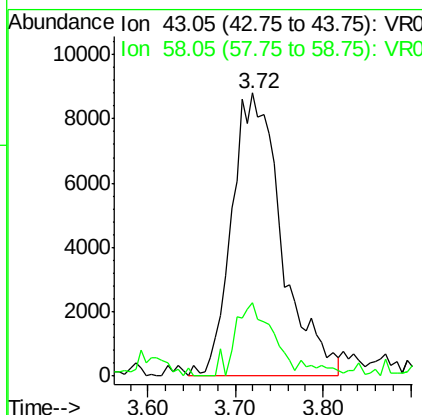
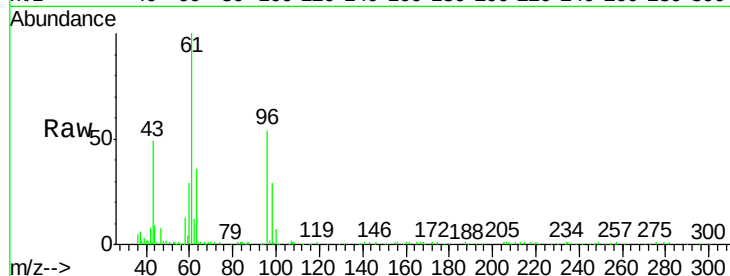
#13
Acetone
Concen: 15.695 ug/L
RT: 3.72 min Scan# 393
Delta R.T. 0.01 min
Lab File: VR025430.D
Acq: 25 Jun 2018 15:46

Instrument :
MSVOA_R
ClientSampled :
DAZA7

Tgt Ion: 43 Resp: 34949
Ion Ratio Lower Upper
43 100
58 19.2 0.0 41.6

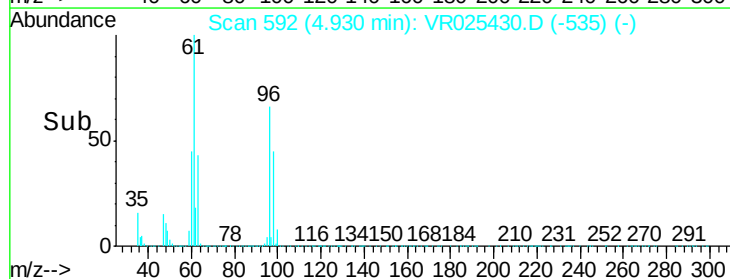
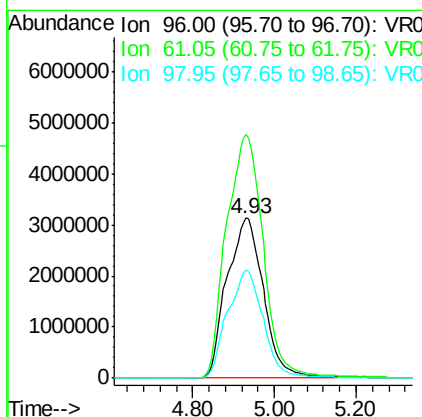
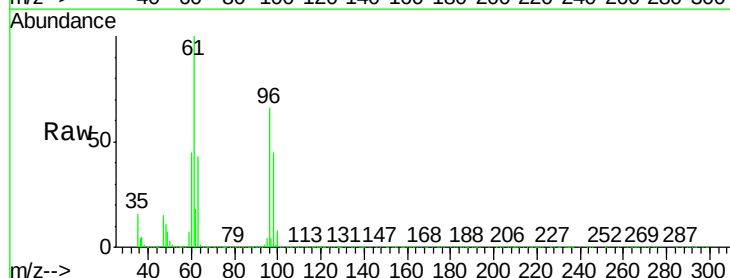
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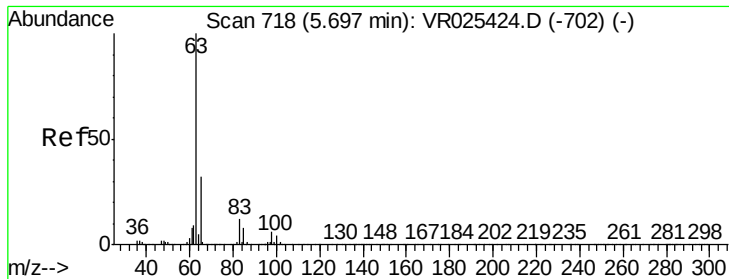
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#18
trans-1,2-Dichloroethene
Concen: 499.564 ug/L
RT: 4.93 min Scan# 592
Delta R.T. 0.05 min
Lab File: VR025430.D
Acq: 25 Jun 2018 15:46

Tgt Ion: 96 Resp:19494718
Ion Ratio Lower Upper
96 100
61 152.1 104.4 193.8
98 67.8 43.1 80.1





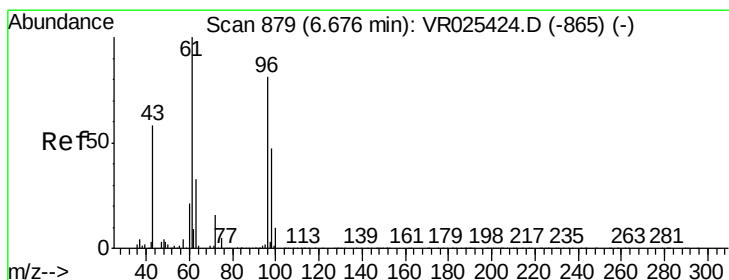
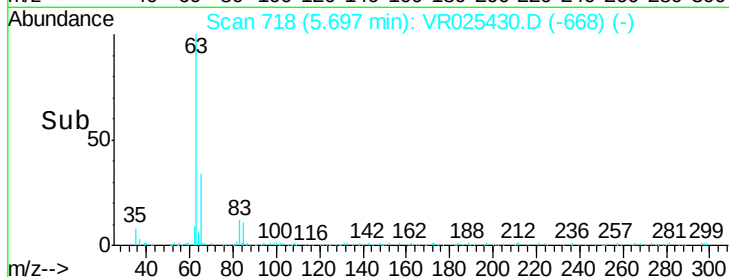
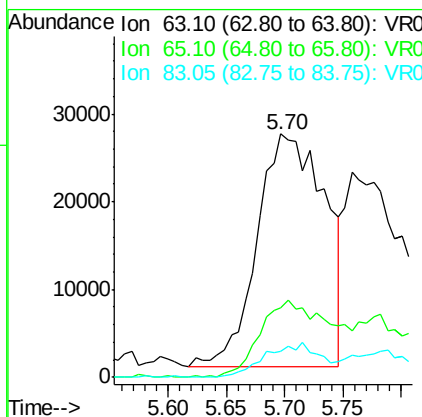
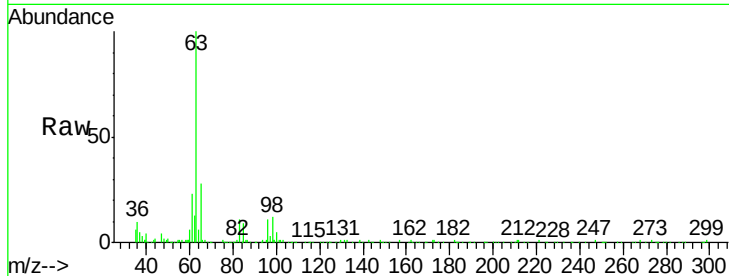
#19
1,1-Dichloroethane
Concen: 1.459 ug/L
RT: 5.70 min Scan# 718
Delta R.T. 0.01 min
Lab File: VR025430.D
Acq: 25 Jun 2018 15:46

Instrument :
MSVOA_R
ClientSampleId :
DAZA7

Tgt Ion	Ratio	Lower	Upper
63	100		
65	28.4	22.5	41.7
83	10.7	9.5	17.7

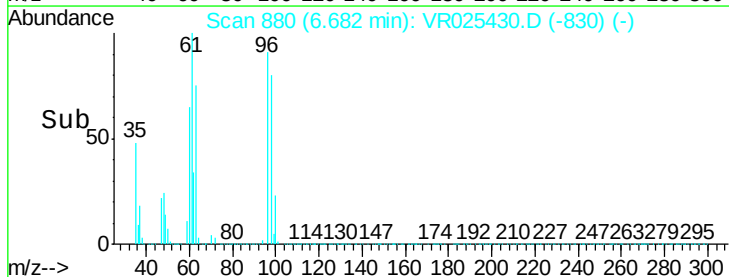
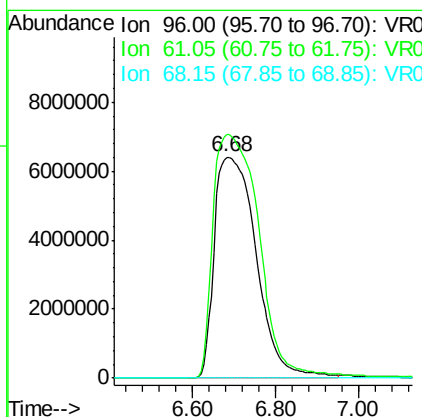
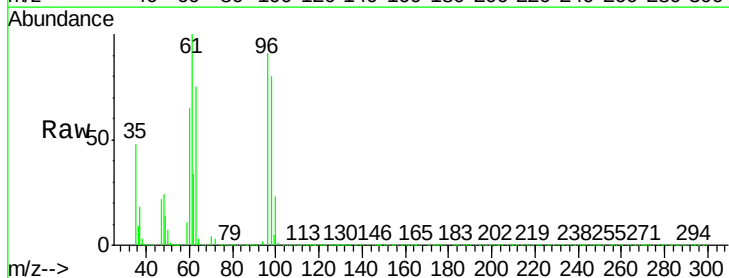
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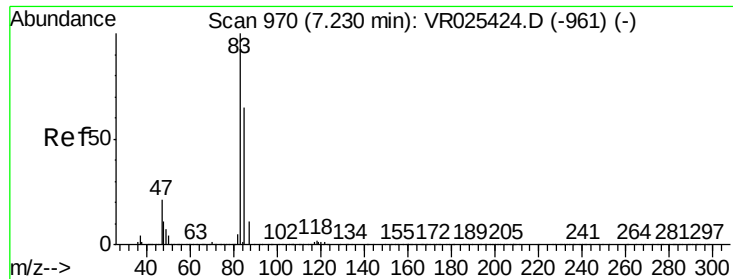
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#22
cis-1,2-Dichloroethene
Concen: 1097.842 ug/L
RT: 6.68 min Scan# 880
Delta R.T. 0.01 min
Lab File: VR025430.D
Acq: 25 Jun 2018 15:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	110.3	91.0	169.0
68	0.0	0.0	0.0#





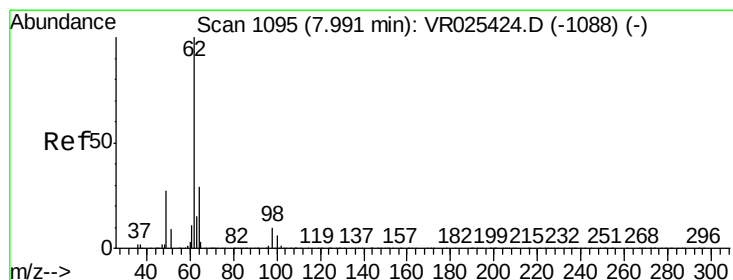
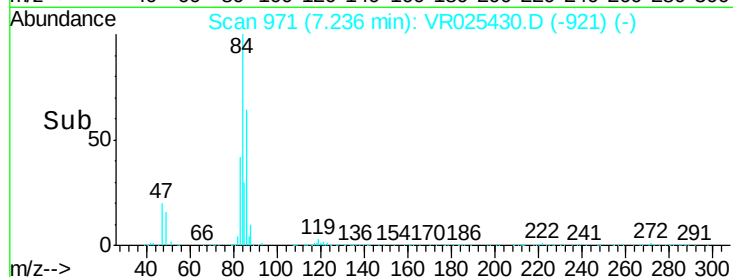
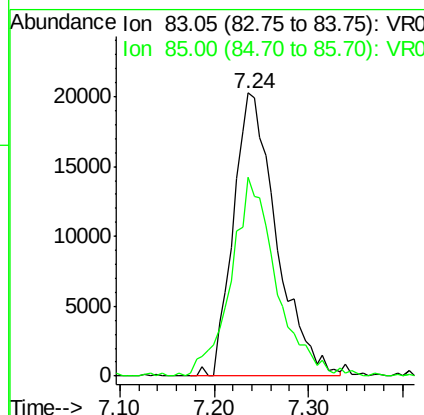
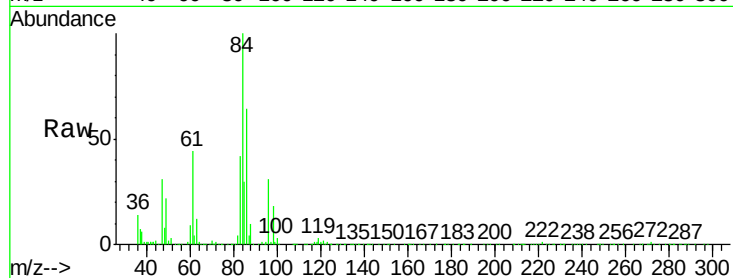
#25
Chloroform
Concen: 0.959 ug/L
RT: 7.24 min Scan# 971
Delta R.T. 0.01 min
Lab File: VR025430.D
Acq: 25 Jun 2018 15:46

Instrument :
MSVOA_R
ClientSampleId :
DAZA7

Tgt Ion: 83 Resp: 64252
Ion Ratio Lower Upper
83 100
85 70.5 45.4 84.4

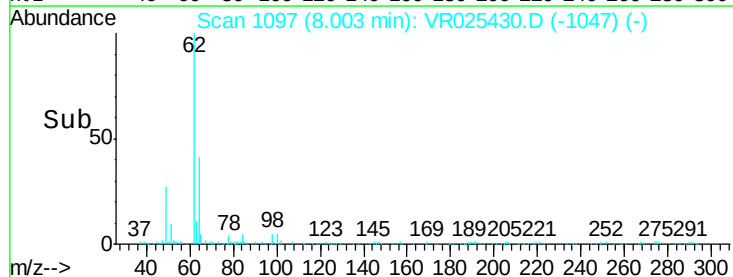
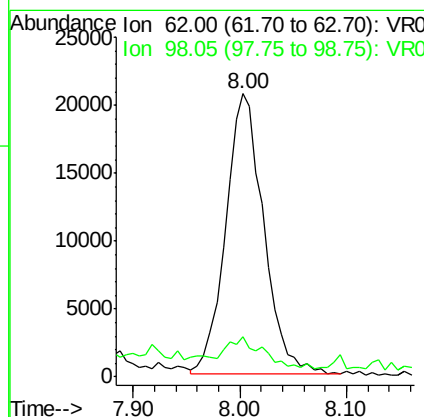
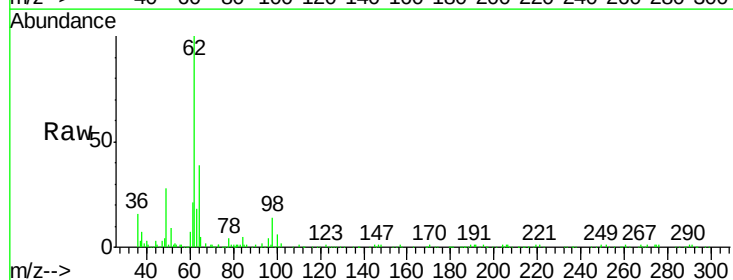
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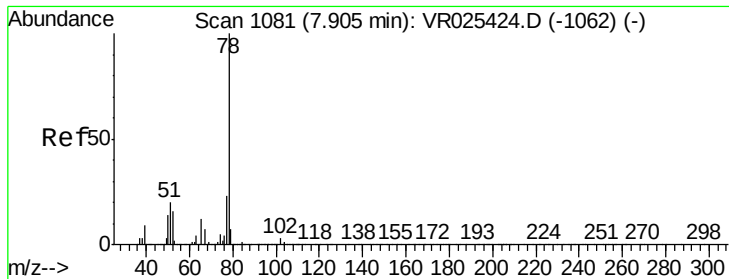
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#27
1,2-Dichloroethane
Concen: 1.672 ug/L
RT: 8.00 min Scan# 1097
Delta R.T. 0.01 min
Lab File: VR025430.D
Acq: 25 Jun 2018 15:46

Tgt Ion: 62 Resp: 51149
Ion Ratio Lower Upper
62 100
98 14.4 5.4 8.2#





#33

Benzene

Concen: 0.905 ug/L

RT: 7.92 min Scan# 1083

Delta R.T. 0.01 min

Lab File: VR025430.D

Acq: 25 Jun 2018 15:46

Instrument :

MSVOA_R

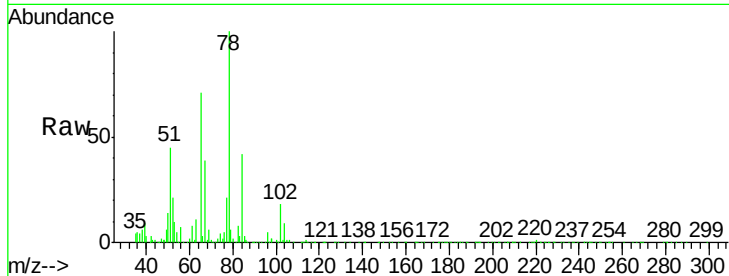
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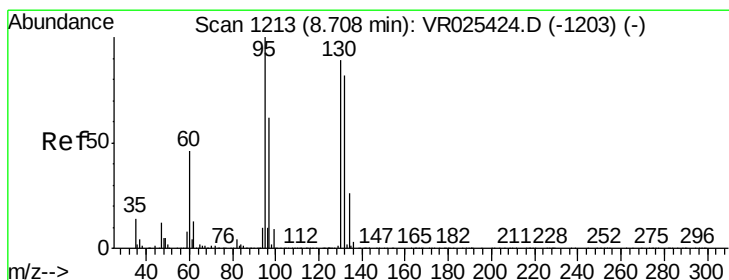
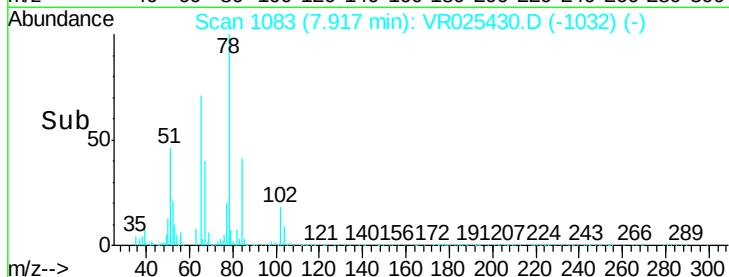
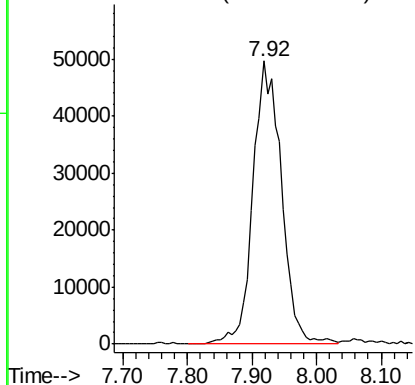
Tgt Ion: 78 Resp: 150545

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Abundance Ion 78.10 (77.80 to 78.80): VR0



#34

Trichloroethene

Concen: 2062.925 ug/L m

RT: 8.82 min Scan# 1232

Delta R.T. 0.12 min

Lab File: VR025430.D

Acq: 25 Jun 2018 15:46

Tgt Ion: 95 Resp: 83028607

Ion Ratio Lower Upper

95 100

97 92.7 45.6 84.6#

132 97.5 60.9 113.1

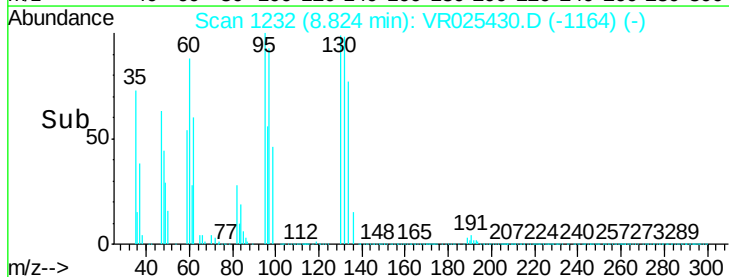
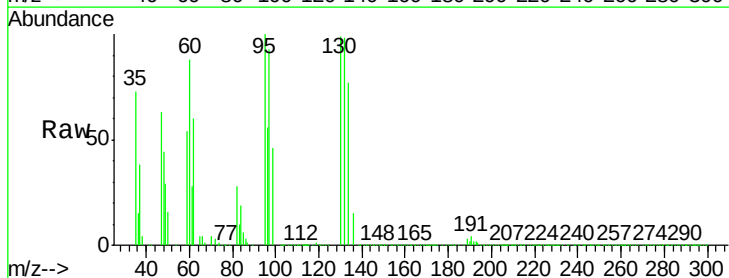
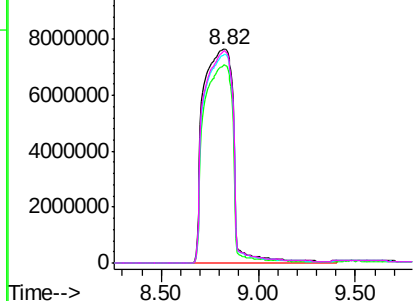
130 99.3 62.0 115.2

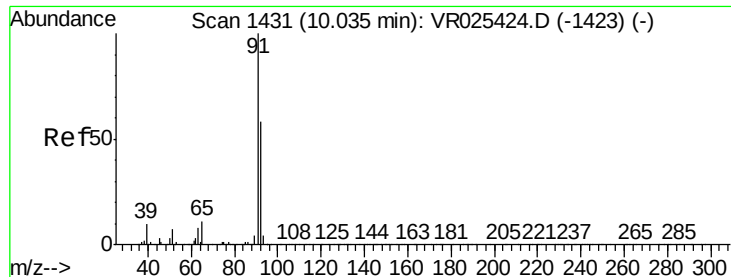
Abundance Ion 95.00 (94.70 to 95.70): VR0

Ion 96.95 (96.65 to 97.65): VR0

Ion 131.95 (131.65 to 132.65): V

Ion 129.95 (129.65 to 130.65): V





#42

Toluene

Concen: 0.409 ug/L

RT: 10.04 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VR025430.D

Acq: 25 Jun 2018 15:46

Instrument :

MSVOA_R

ClientSampled :

DAZA7

Tgt Ion: 91 Resp: 72863

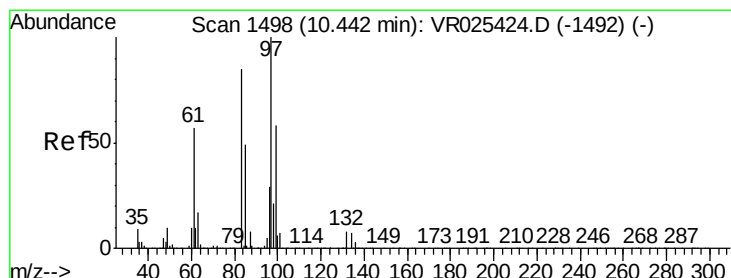
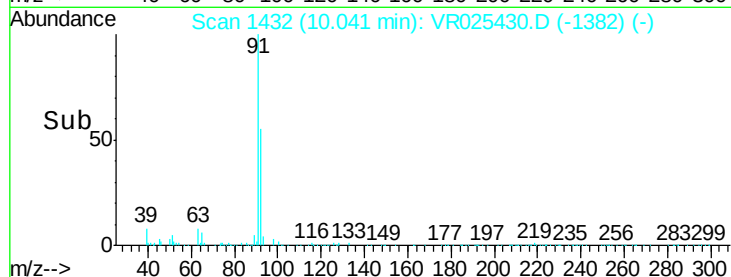
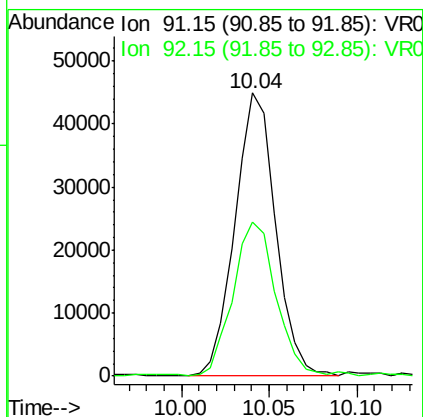
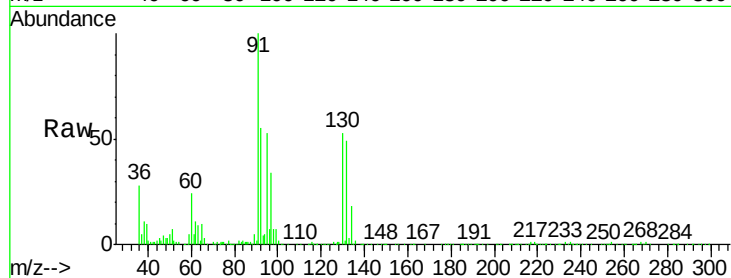
Ion Ratio Lower Upper

91 100

92 54.7 41.9 77.7

Manual Integrations
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#45

1,1,2-Trichloroethane

Concen: 5.005 ug/L

RT: 10.45 min Scan# 1499

Delta R.T. 0.01 min

Lab File: VR025430.D

Acq: 25 Jun 2018 15:46

Tgt Ion: 97 Resp: 85921

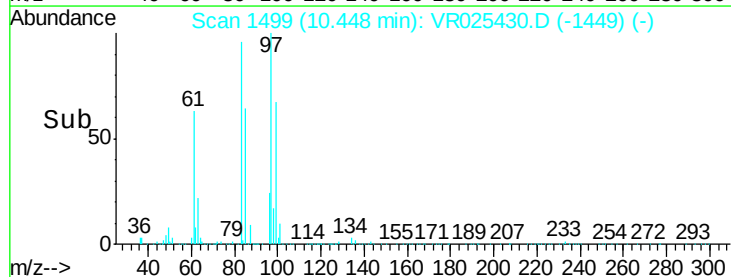
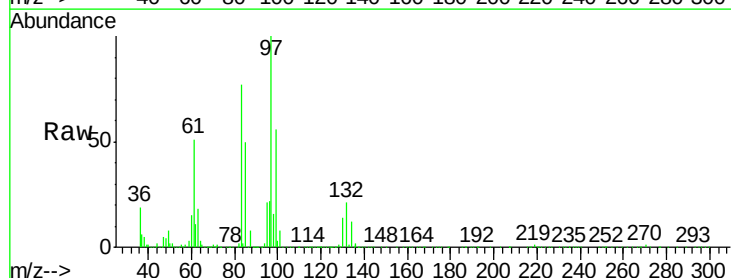
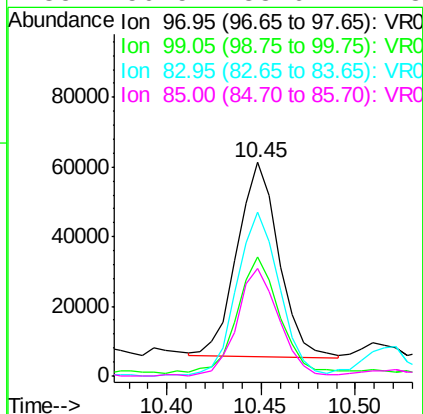
Ion Ratio Lower Upper

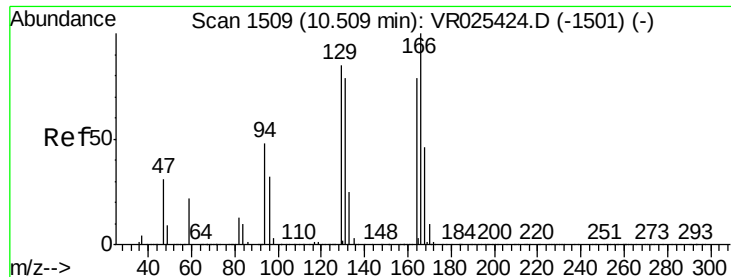
97 100

99 55.7 41.9 77.9

83 76.9 64.5 119.9

85 50.5 38.6 71.8





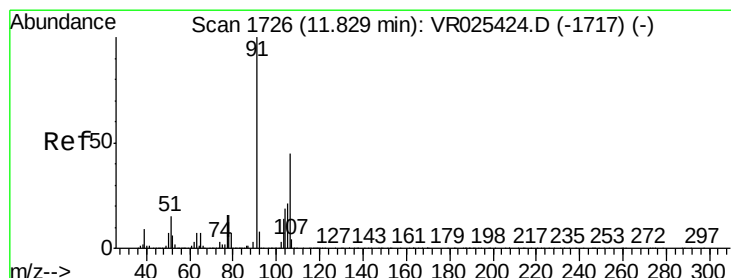
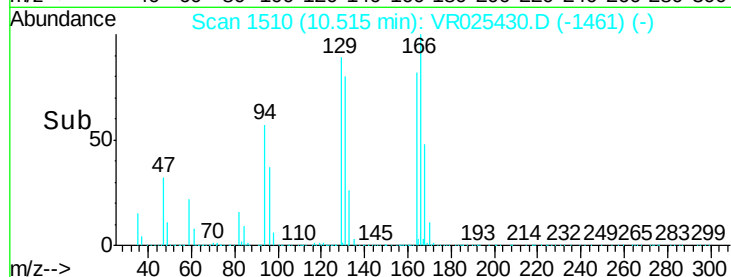
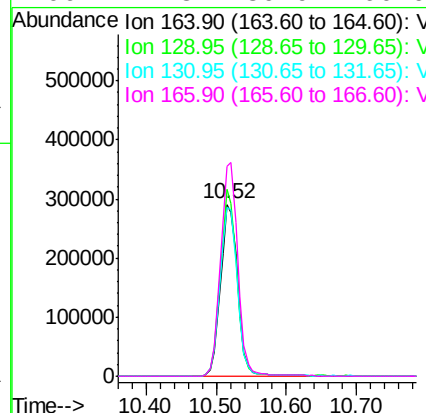
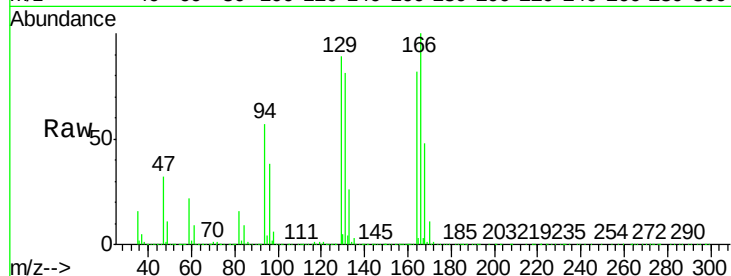
#47
Tetrachloroethene
Concen: 18.336 ug/L
RT: 10.52 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VR025430.D
Acq: 25 Jun 2018 15:46

Instrument :
MSVOA_R
ClientSampled :
DAZA7

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	492671		
129	109.0	68.1	126.5	
131	98.6	68.5	127.1	
166	122.3	89.9	166.9	

Manual Integrations
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#54
o-Xylene
Concen: 0.209 ug/L
RT: 11.83 min Scan# 1726
Delta R.T. 0.00 min
Lab File: VR025430.D
Acq: 25 Jun 2018 15:46

Tgt Ion	Ratio	Resp	Lower	Upper
106	100	12602		
91	205.9	153.7	285.5	

