

Data Path : Z:\VOASRV\HPCHEM1\MSVOA R\DATA\VR062518\
 Data File : VR025432.D
 Acq On : 25 Jun 2018 16:52
 Operator : SY/MD
 Sample : J3673-14MSD
 Misc : 25mL/MSVOA R/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_R
 ClientSampleId :
 DAZA7MSD

Manual Integrations
 APPROVED

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6/28/2018 5:14:43 PM

Quant Time: Jun 26 02:08:43 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	528799	5.00	ug/L	0.02
28) Chlorobenzene-d5	11.29	117	392947	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.22	152	155943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.17	65	84060	4.67	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.40%
7) Chloroethane-d5	2.63	69	59728	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	3.66	63	515266	11.12	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	222.40%#
20) 2-Butanone-d5	6.66	46	121753	25.22	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	50.44%
24) Chloroform-d	7.21	84	328199	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.60%
26) 1,2-Dichloroethane-d4	7.91	65	137983	5.36	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
32) Benzene-d6	7.87	84	665705	5.00	ug/L	0.01
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
36) 1,2-Dichloropropane-d6	8.95	67	143460	3.79	ug/L	0.05
Spiked Amount	5.000	Range	60 - 140	Recovery	=	75.80%
41) Toluene-d8	9.98	98	505088	4.29	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	10.24	79	62416	6.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	124.00%
46) 2-Hexanone-d5	10.59	63	230641	65.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	131.94%#
57) 1,1,2,2-Tetrachloroethane-	12.36	84	86919	5.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	118.00%
64) 1,2-Dichlorobenzene-d4	13.51	152	127761	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

						Ovalue
5) Vinyl chloride	2.17	62	2692467	122.97	ug/L	99
12) 1,1-Dichloroethene	3.67	96	579133	31.16	ug/L #	65
13) Acetone	3.73	43	35630	16.34	ug/L	90
18) trans-1,2-Dichloroethene	4.94	96	20001059	523.42	ug/L	97
19) 1,1-Dichloroethane	5.76	63	91307	1.27	ug/L	94
22) cis-1,2-Dichloroethene	6.69	96	46873618	1175.51	ug/L #	84
25) Chloroform	7.24	83	64248	0.98	ug/L	96
27) 1,2-Dichloroethane	8.00	62	56206	1.88	ug/L #	74
33) Benzene	7.92	78	1112759	7.21	ug/L	100
34) Trichloroethene	8.82	95	109193668m	2925.38	ug/L	
42) Toluene	10.04	91	957689	5.79	ug/L	99
45) 1,1,2-Trichloroethane	10.45	97	79546	5.00	ug/L	92
47) Tetrachloroethene	10.52	164	456395	18.32	ug/L	97
51) Chlorobenzene	11.32	112	483027	5.46	ug/L	98
54) o-Xylene	11.83	106	13463	0.24	ug/L	88

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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:\V0ASRV\HPCHEM1\MSVOA R\DATA\VR062518\
Data File : VR025432.D
Acq On : 25 Jun 2018 16:52
Operator : SY/MD
Sample : J3673-14MSD
Misc : 25mL/MSVOA R/WATER
ALS Vial : 10 Sample Multiplier: 1

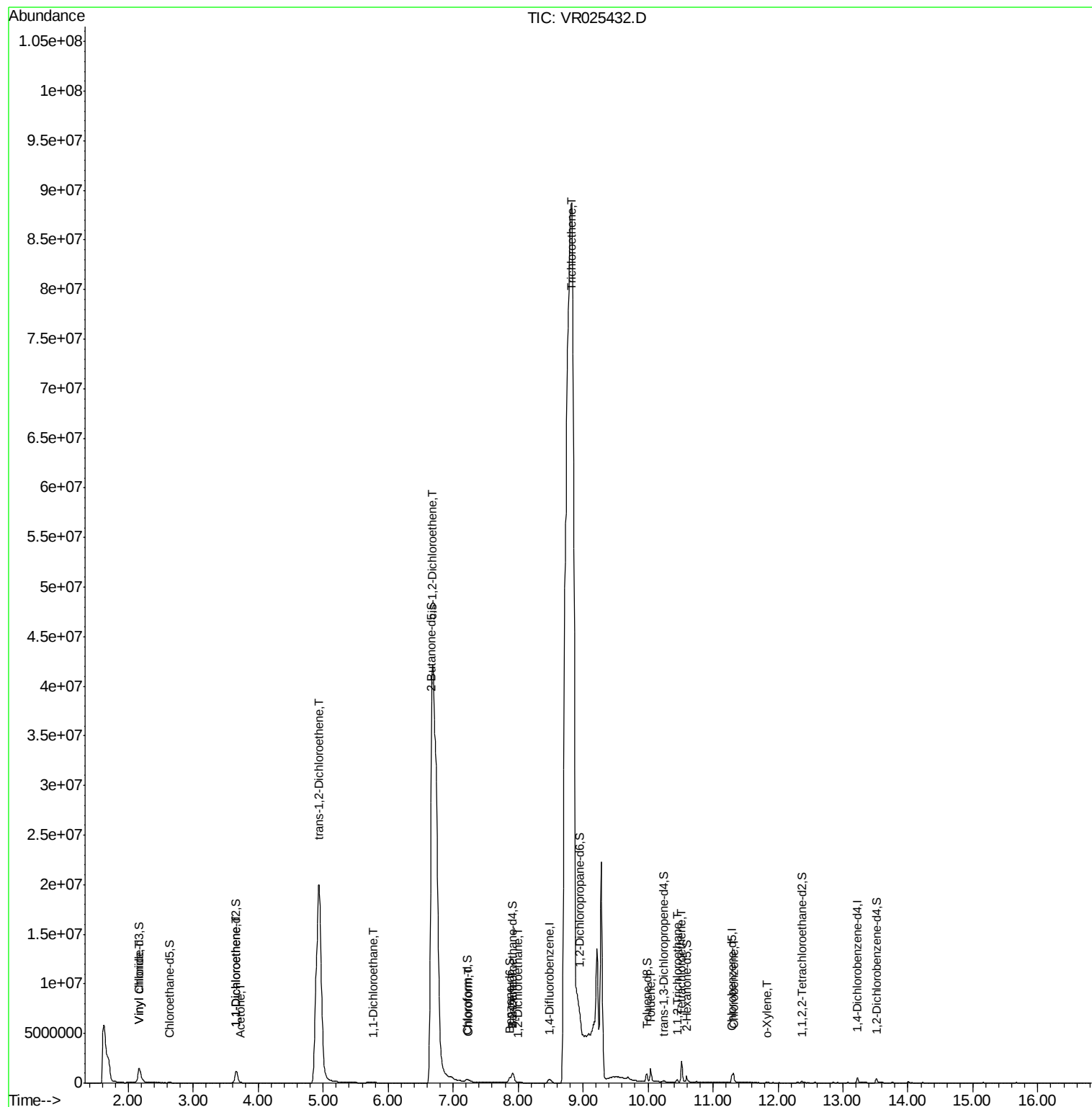
Instrument :
MSVOA_R
ClientSampleId :
DAZA7MSD

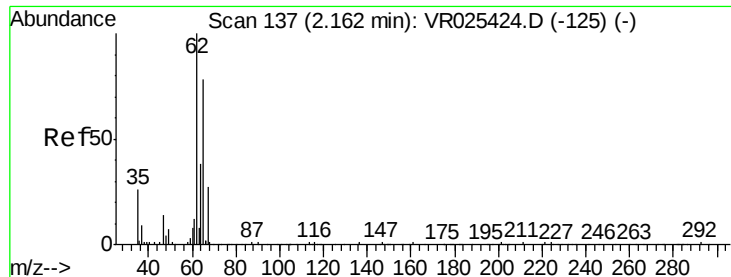
Manual Integrations
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Quant Time: Jun 26 02:08:43 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_R\METHODS\SOMRTR061518WMA.M
Quant Title : TRACE VOA SOM01.0
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Response via : Initial Calibration





#5

Vinyl chloride

Concen: 122.97 ug/L

RT: 2.17 min Scan# 138

Delta R.T. 0.01 min

Lab File: VR025432.D

Acq: 25 Jun 2018 16:52

Instrument :

MSVOA_R

ClientSampleId :

DAZA7MSD

Tot Ion: 62 Resp: 2692467

Ion Ratio Lower Upper

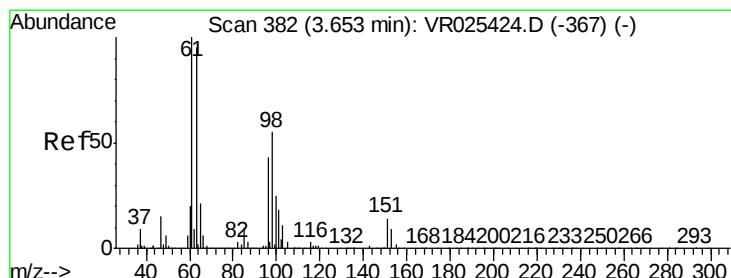
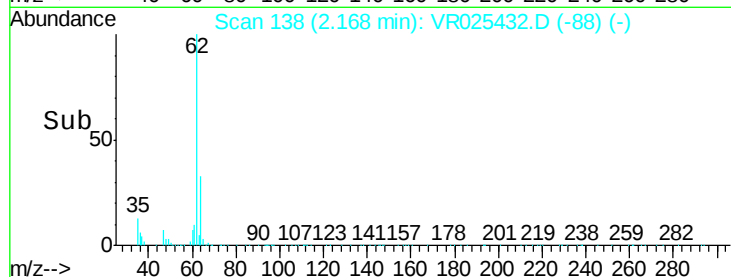
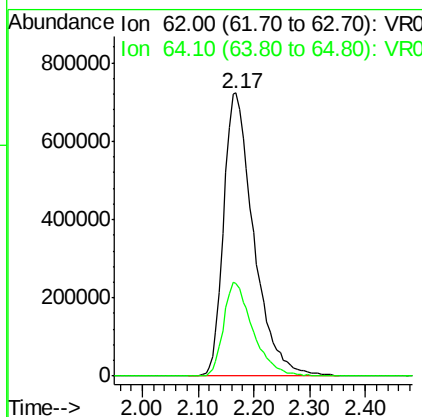
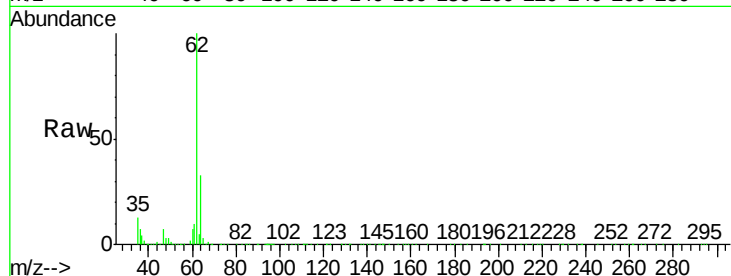
62 100

64 32.9 22.8 42.4

Manual Integrations
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6/28/2018 5:14:43 PM



#12

1,1-Dichloroethene

Concen: 31.16 ug/L

RT: 3.67 min Scan# 384

Delta R.T. 0.01 min

Lab File: VR025432.D

Acq: 25 Jun 2018 16:52

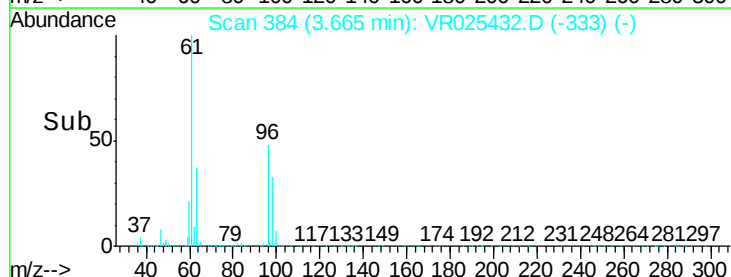
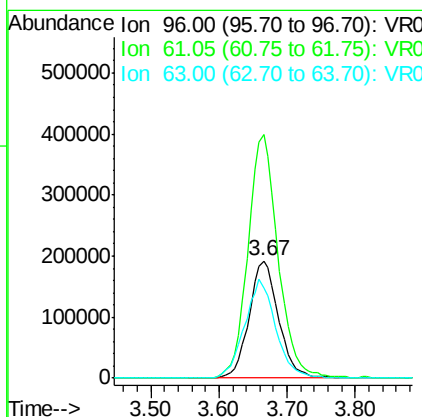
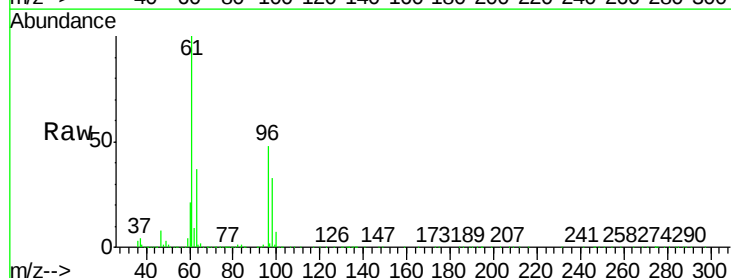
Tgt Ion: 96 Resp: 579133

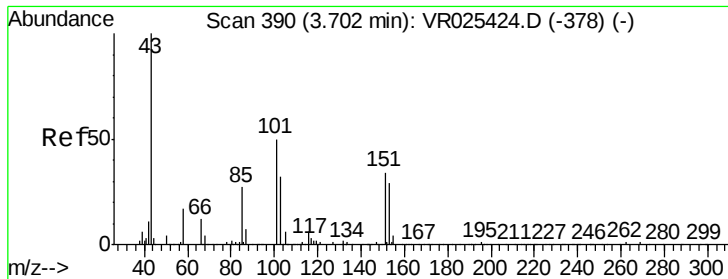
Ion Ratio Lower Upper

96 100

61 208.0 155.0 287.9

63 77.4 122.3 227.1#





#13
Acetone
Concen: 16.34 ug/L
RT: 3.73 min Scan# 394
Delta R.T. 0.02 min
Lab File: VR025432.D
Acq: 25 Jun 2018 16:52

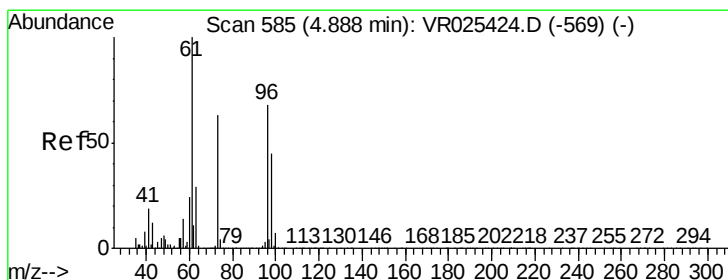
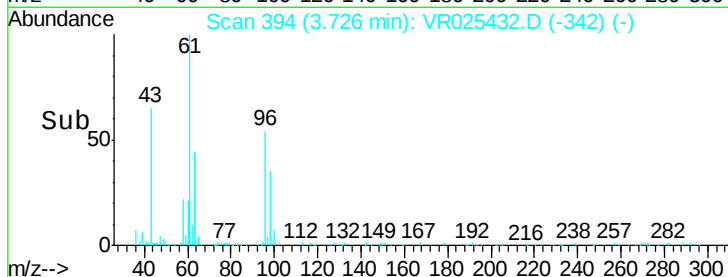
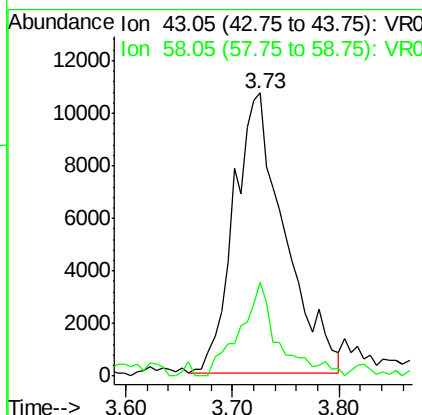
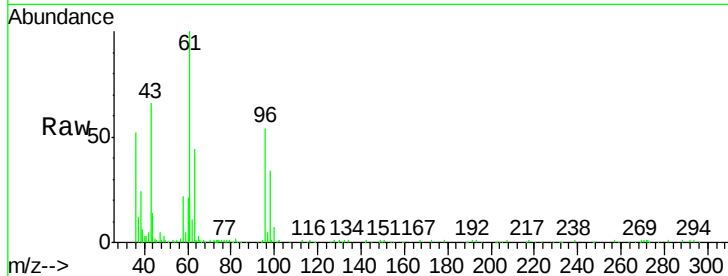
Instrument :
MSVOA_R
ClientSampleId :
DAZA7MSD

Tot Ion	43	Resp	35630
Ion Ratio	100	Lower	Upper
58	25.3	0.0	41.6

Manual Integrations
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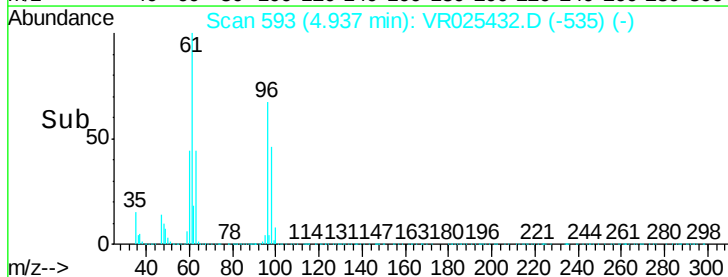
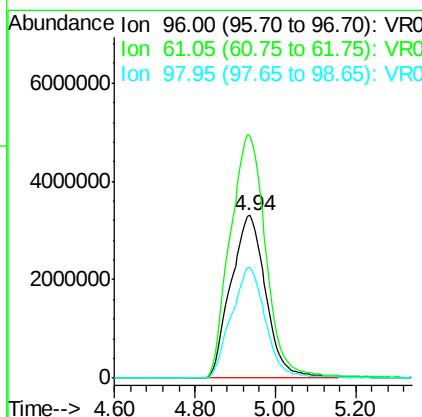
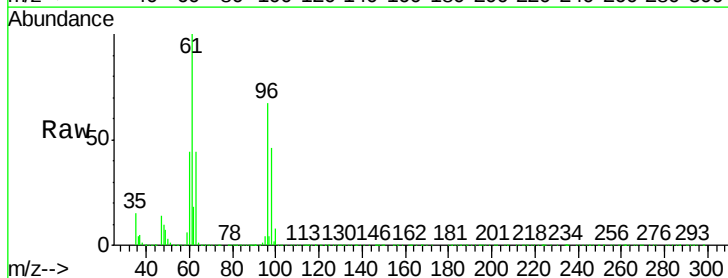
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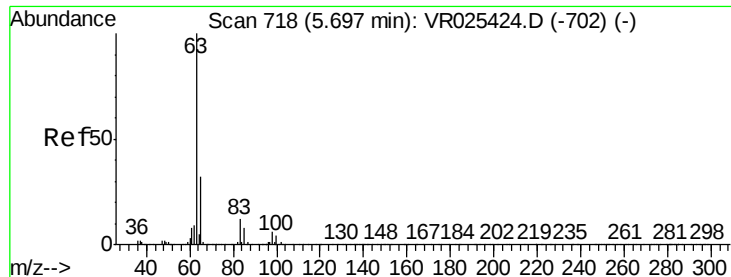
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#18
trans-1,2-Dichloroethene
Concen: 523.42 ug/L
RT: 4.94 min Scan# 593
Delta R.T. 0.05 min
Lab File: VR025432.D
Acq: 25 Jun 2018 16:52

Tgt Ion	96	Resp	20001059
Ion Ratio	100	Lower	Upper
61	148.6	104.4	193.8
98	67.8	43.1	80.1





#19
1,1-Dichloroethane
Concen: 1.27 ug/L
RT: 5.76 min Scan# 729
Delta R.T. 0.07 min
Lab File: VR025432.D
Acq: 25 Jun 2018 16:52

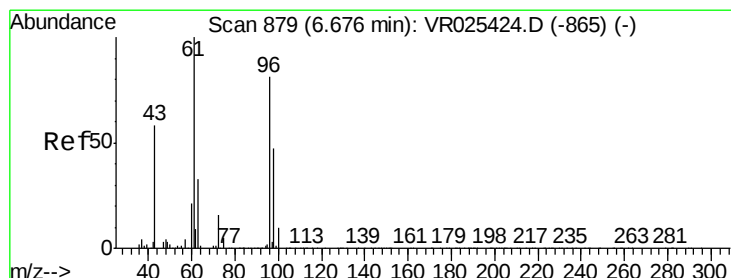
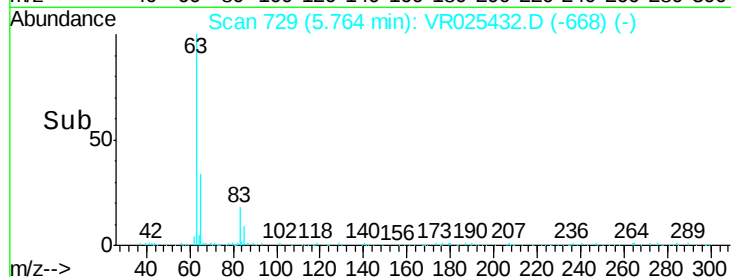
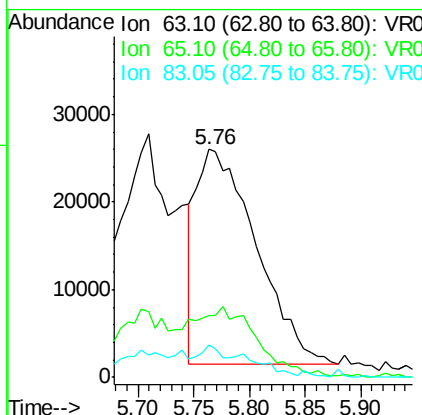
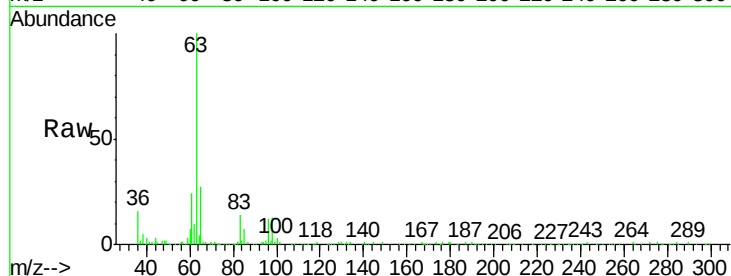
Instrument :
MSVOA_R
ClientSampleId :
DAZA7MSD

Tot Ion:	63	Resp:	91307
Ion Ratio	Lower	Upper	
63	100		
65	27.8	22.5	41.7
83	14.0	9.5	17.7

Manual Integrations
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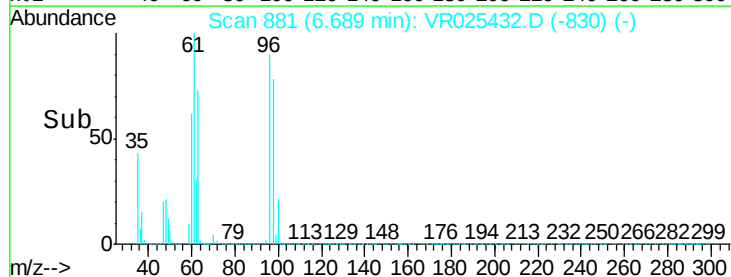
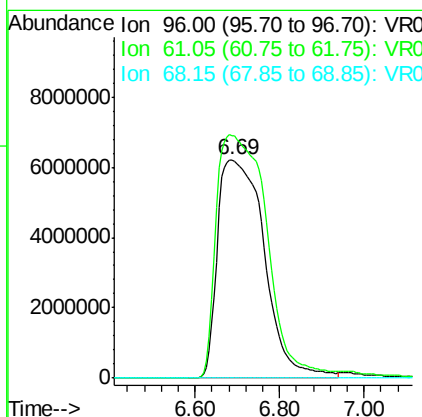
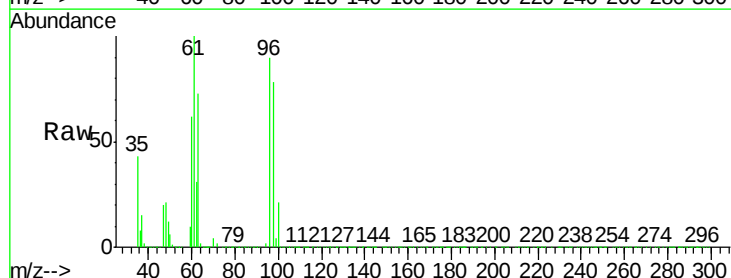
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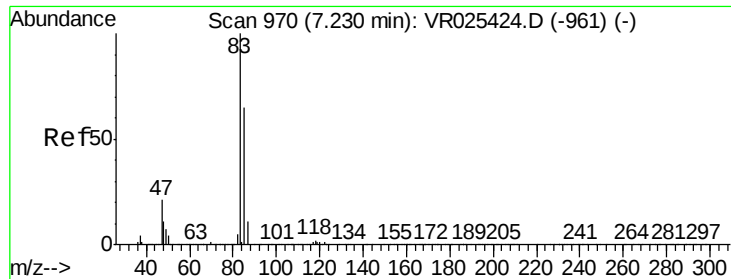
6/28/2018 5:14:43 PM



#22
cis-1,2-Dichloroethene
Concen: 1175.51 ug/L
RT: 6.69 min Scan# 881
Delta R.T. 0.01 min
Lab File: VR025432.D
Acq: 25 Jun 2018 16:52

Tgt Ion:	96	Resp:	46873618
Ion Ratio	Lower	Upper	
96	100		
61	111.4	91.0	169.0
68	0.0	0.0	0.0#





#25
Chloroform
Concen: 0.98 ug/L
RT: 7.24 min Scan# 972
Delta R.T. 0.01 min
Lab File: VR025432.D
Acq: 25 Jun 2018 16:52

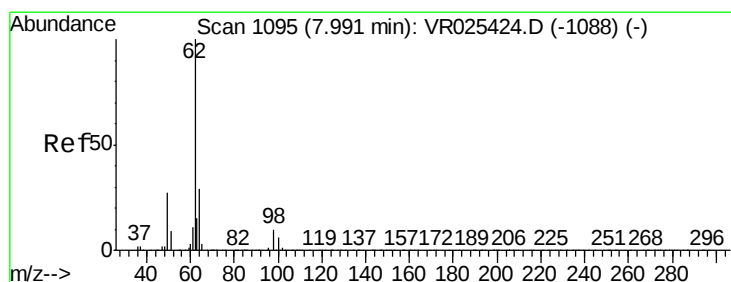
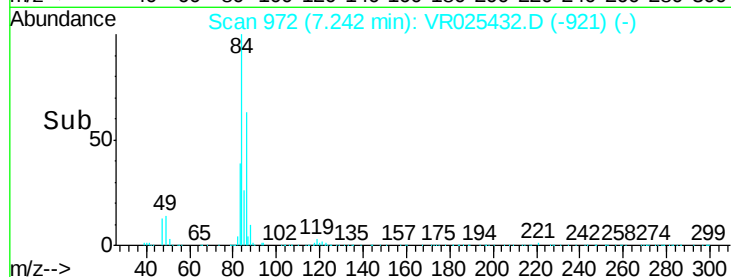
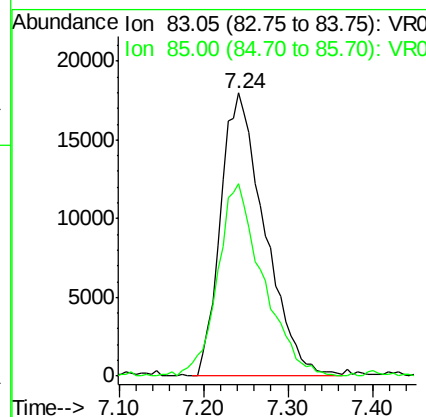
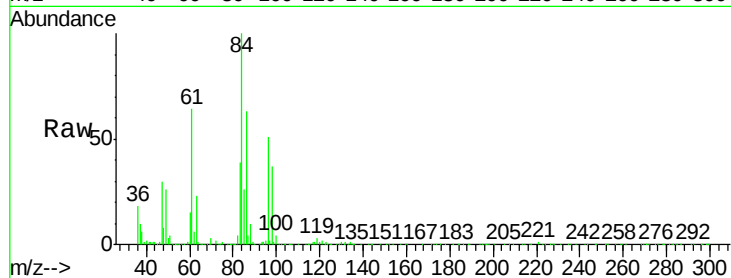
Instrument :
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Tot Ion	83	Resp	64248
Ion Ratio	100	Lower	Upper
85	67.8	45.4	84.4

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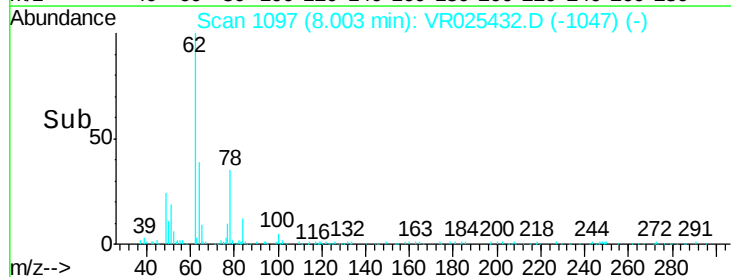
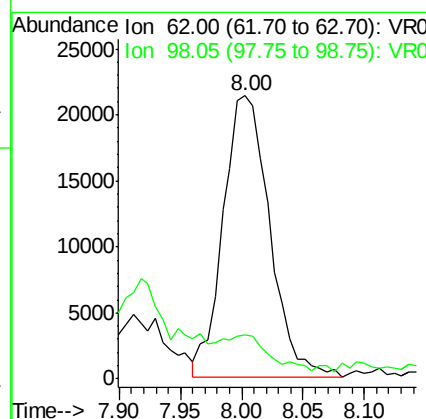
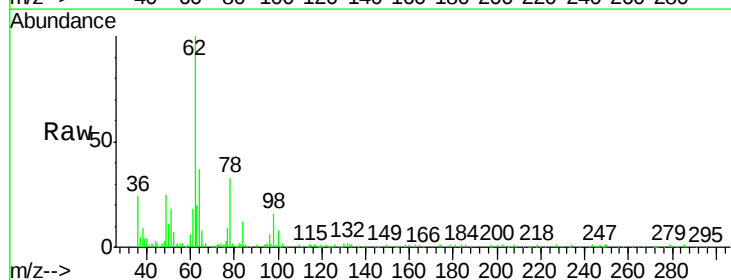
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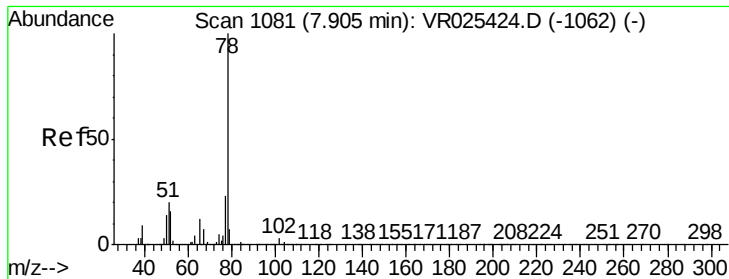
6/28/2018 5:14:43 PM



#27
1,2-Dichloroethane
Concen: 1.88 ug/L
RT: 8.00 min Scan# 1097
Delta R.T. 0.01 min
Lab File: VR025432.D
Acq: 25 Jun 2018 16:52

Tgt Ion	62	Resp	56206
Ion Ratio	100	Lower	Upper
98	15.7	5.4	8.2#





#33
Benzene
Concen: 7.21 ug/L
RT: 7.92 min Scan# 1084
Delta R.T. 0.02 min
Lab File: VR025432.D
Acq: 25 Jun 2018 16:52

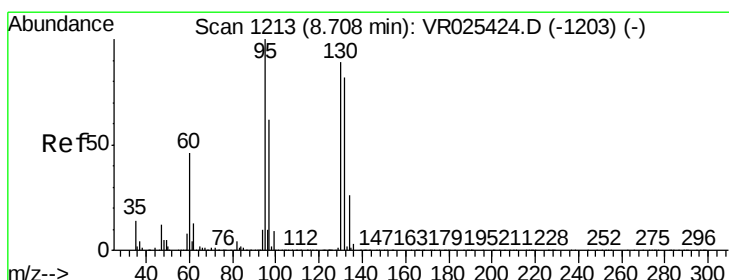
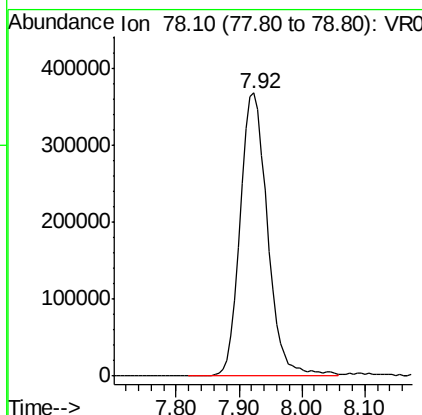
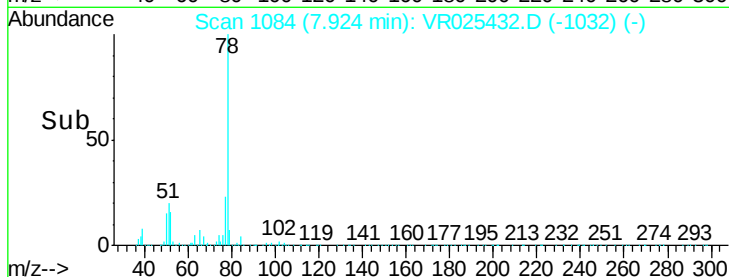
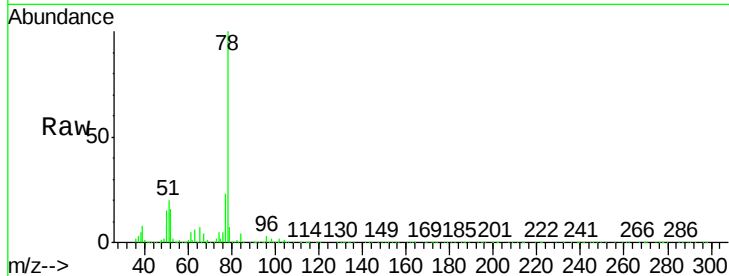
Instrument :
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Tgt Ion: 78 Resp: 1112759

Manual Integrations
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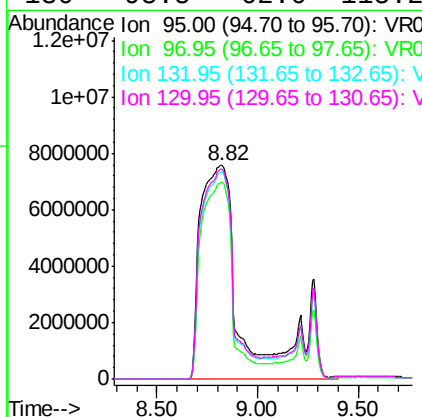
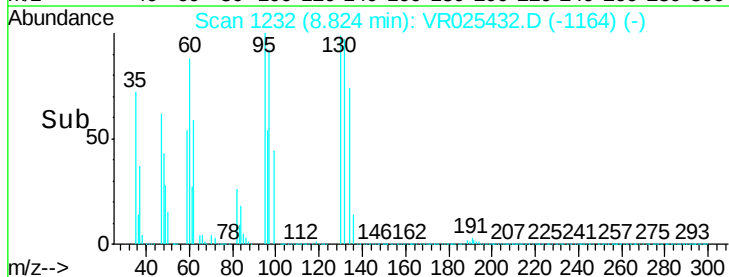
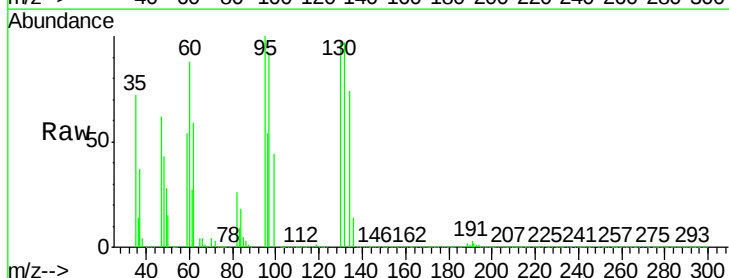
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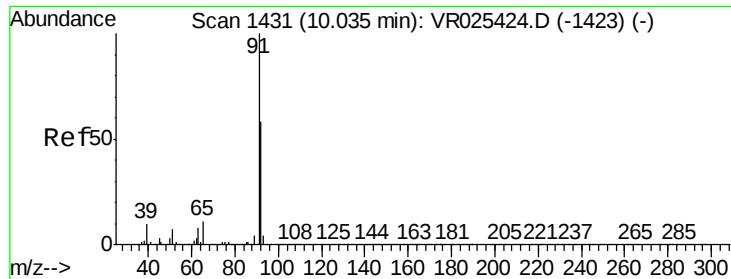


#34
Trichloroethene
Concen: 2925.38 ug/L m
RT: 8.82 min Scan# 1232
Delta R.T. 0.12 min
Lab File: VR025432.D
Acq: 25 Jun 2018 16:52

Tgt Ion: 95 Resp: 109193668

Ion	Ratio	Lower	Upper
95	100		
97	92.2	45.6	84.6#
132	97.1	60.9	113.1
130	98.5	62.0	115.2





#42

Toluene

Concen: 5.79 ug/L

RT: 10.04 min Scan# 1432

Delta R.T. 0.01 min

Lab File: VR025432.D

Acq: 25 Jun 2018 16:52

Instrument :

MSVOA_R

ClientSampleId :

DAZA7MSD

Tot Ion: 91 Resp: 957689

Ion Ratio Lower Upper

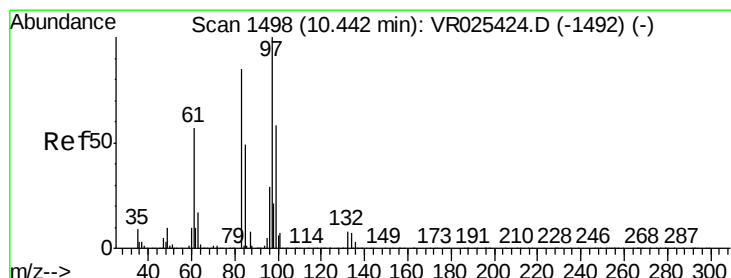
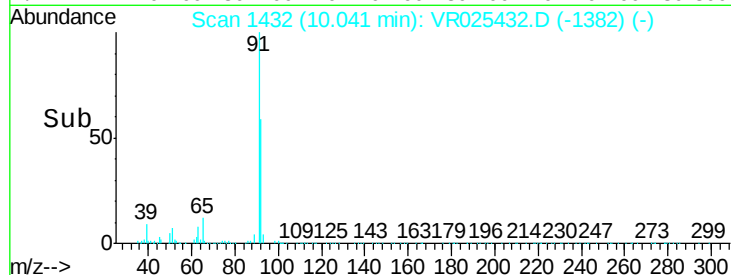
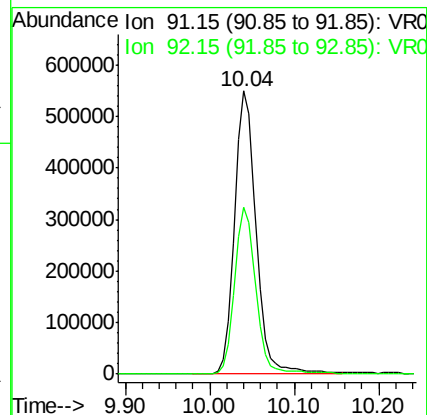
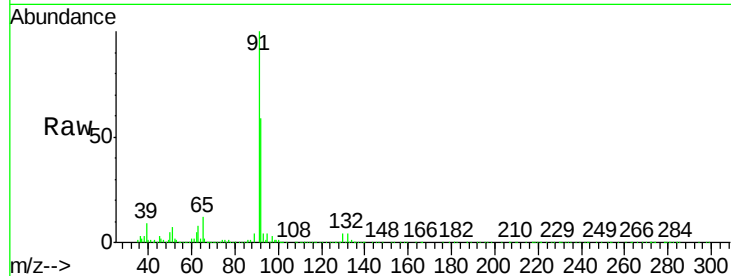
91 100

92 59.0 41.9 77.7

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6/28/2018 5:14:43 PM



#45

1,1,2-Trichloroethane

Concen: 5.00 ug/L

RT: 10.45 min Scan# 1499

Delta R.T. 0.01 min

Lab File: VR025432.D

Acq: 25 Jun 2018 16:52

Tgt Ion: 97 Resp: 79546

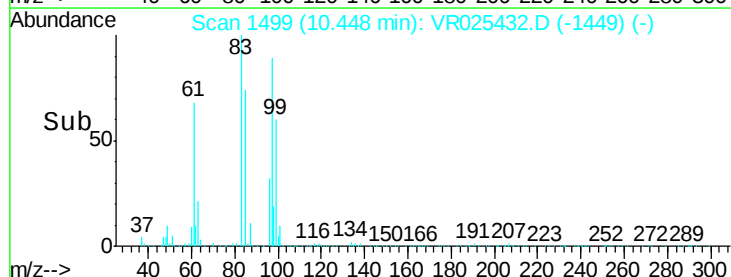
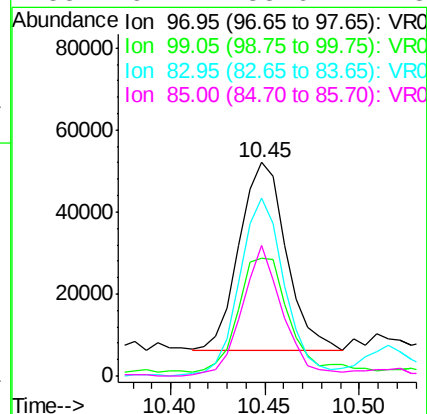
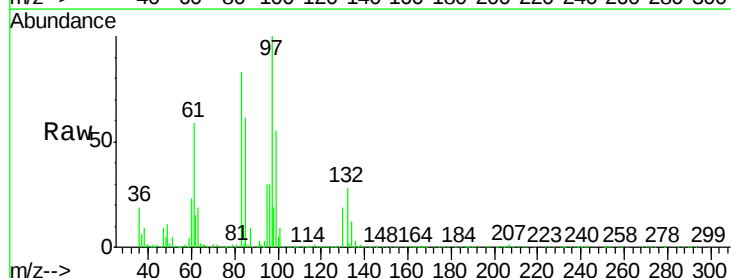
Ion Ratio Lower Upper

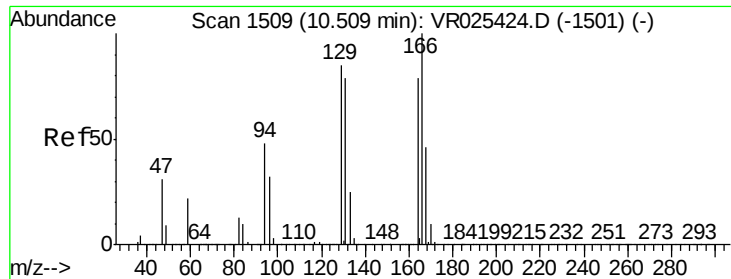
97 100

99 55.1 41.9 77.9

83 83.2 64.5 119.9

85 61.4 38.6 71.8





#47
Tetrachloroethene
Concen: 18.32 ug/L
RT: 10.52 min Scan# 1511
Delta R.T. 0.01 min
Lab File: VR025432.D
Acq: 25 Jun 2018 16:52

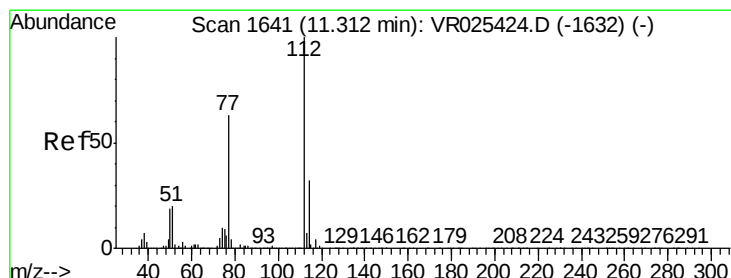
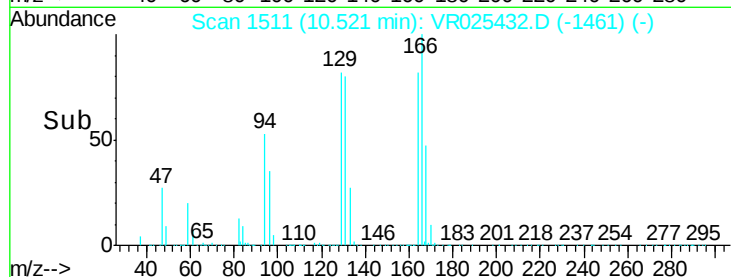
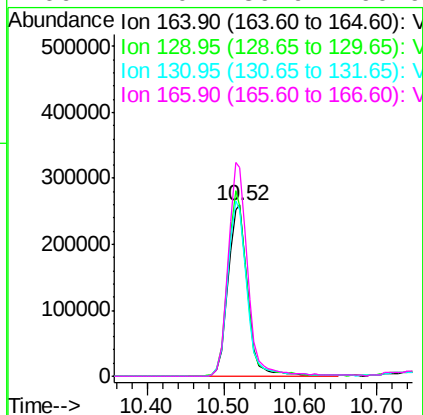
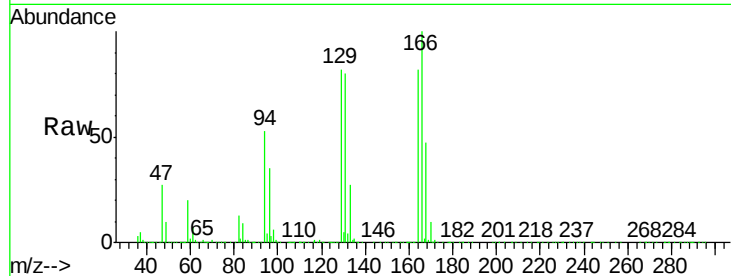
Instrument :
MSVOA_R
ClientSampleId :
DAZA7MSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100	456395		
129	99.5	68.1	126.5	
131	97.6	68.5	127.1	
166	122.0	89.9	166.9	

Manual Integrations
APPROVED

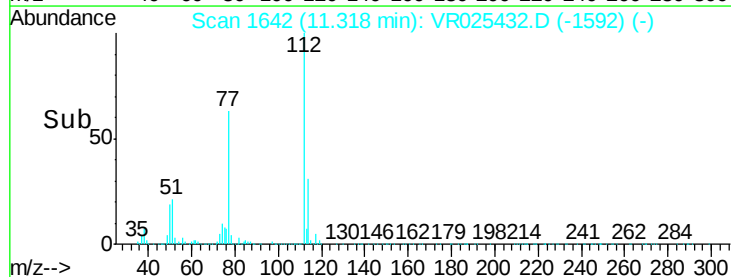
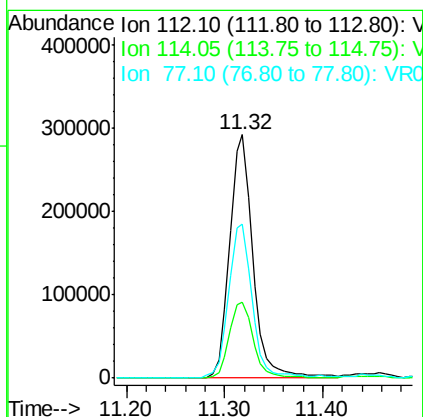
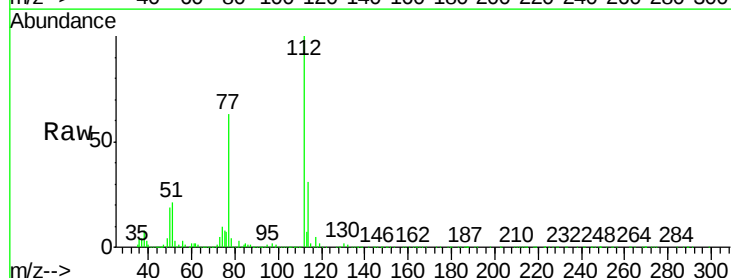
MMDadoda

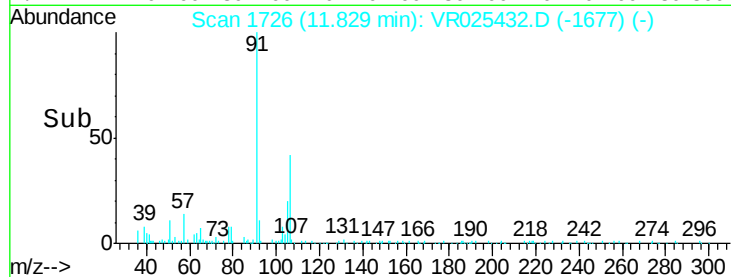
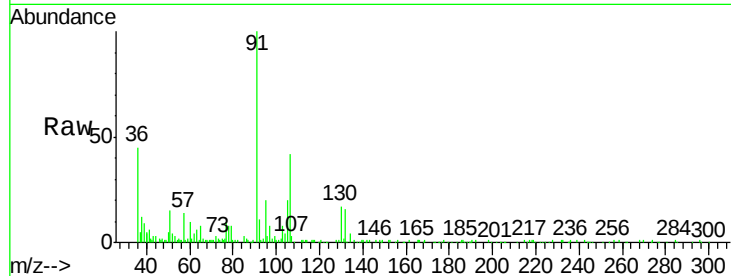
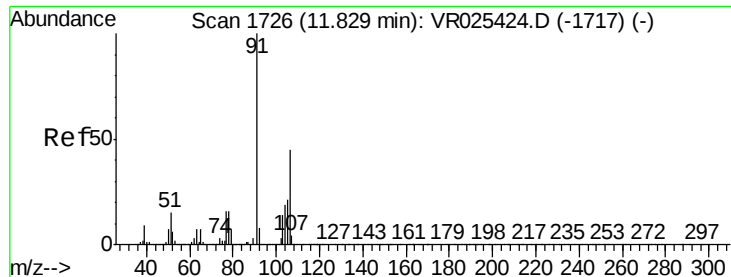
6/28/2018 5:14:43 PM



#51
Chlorobenzene
Concen: 5.46 ug/L
RT: 11.32 min Scan# 1642
Delta R.T. 0.01 min
Lab File: VR025432.D
Acq: 25 Jun 2018 16:52

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	483027		
114	31.3	21.6	40.0	
77	63.1	51.9	77.9	





#54
o-Xylene
Concen: 0.24 ug/L
RT: 11.83 min Scan# 1726
Delta R.T. 0.00 min
Lab File: VR025432.D
Acq: 25 Jun 2018 16:52

Tot Ion	Ratio	Resp	Lower	Upper
106	100	13463		
91	238.8	153.7	285.5	

Instrument :
MSVOA_R
ClientSampleId :
DAZA7MSD

Manual Integrations
APPROVED

MMDadoda

6/28/2018 5:14:43 PM

