

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007869.D
 Acq On : 23 Dec 2018 03:59
 Operator : SY/AP
 Sample : VSTDCCC050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 3:15:25 PM

Quant Time: Dec 24 04:09:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	74546	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	126757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	113036	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	56667	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	44494	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
35) Dibromofluoromethane	7.88	113	40240	52.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.08%	
50) Toluene-d8	10.32	98	155538	53.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.70%	
62) 4-Bromofluorobenzene	12.62	95	60239	53.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	27782	41.922	ug/l	98
3) Chloromethane	2.21	50	26089	64.110	ug/l	97
4) Vinyl Chloride	2.37	62	31035	59.911	ug/l	93
5) Bromomethane	2.78	94	20878	57.865	ug/l	91
6) Chloroethane	2.93	64	17246	62.230	ug/l	99
7) Trichlorofluoromethane	3.26	101	22198	41.160	ug/l	97
8) Diethyl Ether	3.68	74	20085	60.803	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	4.06	101	35470	44.658	ug/l	98
10) Methyl Iodide	4.26	142	60572	47.955	ug/l	96
11) Tert butyl alcohol	5.17	59	15496	281.147	ug/l	99
12) 1,1-Dichloroethene	4.03	96	35973	48.911	ug/l	97
13) Acrolein	3.89	56	11902	270.075	ug/l	98
14) Allyl chloride	4.66	41	54238	56.235	ug/l	92
15) Acrylonitrile	5.37	53	40787	289.459	ug/l	100
16) Acetone	4.12	43	34292	224.128	ug/l	96
17) Carbon Disulfide	4.38	76	100374	44.101	ug/l	99
18) Methyl Acetate	4.67	43	24812	68.189	ug/l	94
19) Methyl tert-butyl Ether	5.43	73	63504	60.143	ug/l	94
20) Methylene Chloride	4.91	84	48098	64.716	ug/l	94
21) trans-1,2-Dichloroethene	5.41	96	39706	49.087	ug/l	89
22) Diisopropyl ether	6.31	45	106810	59.143	ug/l	97
23) Vinyl Acetate	6.26	43	300930	280.461	ug/l	98
24) 1,1-Dichloroethane	6.21	63	70659	53.184	ug/l	99
25) 2-Butanone	7.17	43	50862	283.812	ug/l	98
26) 2,2-Dichloropropane	7.16	77	44412	45.682	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	44728	51.901	ug/l	98
28) Bromochloromethane	7.51	49	27893	61.576	ug/l	91
29) Tetrahydrofuran	7.52	42	33899	317.122	ug/l	94
30) Chloroform	7.68	83	75322	50.096	ug/l	97
31) Cyclohexane	7.95	56	60564	49.794	ug/l	95
32) 1,1,1-Trichloroethane	7.87	97	65119	47.555	ug/l	99
36) 1,1-Dichloropropene	8.08	75	57685	47.150	ug/l	99
37) Ethyl Acetate	7.25	43	22912	54.265	ug/l	98
38) Carbon Tetrachloride	8.07	117	58839	40.837	ug/l	94

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	72653	47.790	ug/l	98
40) Benzene	8.32	78	159629	48.895	ug/l	100
41) Methacrylonitrile	7.48	41	15688	65.443	ug/l #	85
42) 1,2-Dichloroethane	8.40	62	51549	47.117	ug/l	98
43) Isopropyl Acetate	8.43	43	47793	56.499	ug/l	98
44) Trichloroethene	9.09	130	46443	47.041	ug/l	98
45) 1,2-Dichloropropane	9.37	63	37772	52.142	ug/l	96
46) Dibromomethane	9.46	93	21550	48.327	ug/l	97
47) Bromodichloromethane	9.65	83	53634	45.751	ug/l	99
48) Methyl methacrylate	9.44	41	25457m	60.291	ug/l	
49) 1,4-Dioxane	9.44	88	7821	1106.232	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	115072	287.844	ug/l	97
52) Toluene	10.39	92	107791	49.211	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	57021	48.901	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	63261	49.116	ug/l	96
55) 1,1,2-Trichloroethane	10.79	97	31714	51.589	ug/l	95
56) Ethyl methacrylate	10.65	69	40703	56.039	ug/l	94
57) 1,3-Dichloropropane	10.93	76	52714	51.639	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	108909	328.414	ug/l	97
59) 2-Hexanone	10.97	43	79567	283.007	ug/l	98
60) Dibromochloromethane	11.13	129	36233	44.514	ug/l	99
61) 1,2-Dibromoethane	11.24	107	31002	49.800	ug/l	99
64) Tetrachloroethene	10.86	164	39597	49.469	ug/l	99
65) Chlorobenzene	11.66	112	118677	48.507	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	41265	47.203	ug/l	98
67) Ethyl Benzene	11.73	91	211376	50.348	ug/l	97
68) m/p-Xylenes	11.84	106	160452	98.522	ug/l	98
69) o-Xylene	12.17	106	77399	50.700	ug/l	98
70) Styrene	12.18	104	127393	50.766	ug/l	99
71) Bromoform	12.35	173	19325	42.583	ug/l #	100
73) Isopropylbenzene	12.47	105	217877	50.866	ug/l	100
74) N-amyl acetate	12.27	43	43859	59.113	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.72	83	34299	53.406	ug/l	100
76) 1,2,3-Trichloropropane	12.77	75	26980m	61.601	ug/l	
77) Bromobenzene	12.75	156	48067	48.966	ug/l	94
78) n-propylbenzene	12.81	91	245160	49.168	ug/l	99
79) 2-Chlorotoluene	12.90	91	145267	50.012	ug/l	98
80) 1,3,5-Trimethylbenzene	12.95	105	184752	50.004	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	10452	50.092	ug/l	97
82) 4-Chlorotoluene	12.99	91	154148	49.841	ug/l	100
83) tert-Butylbenzene	13.21	119	162581	50.151	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	185175	49.669	ug/l	100
85) sec-Butylbenzene	13.39	105	223019	49.916	ug/l	99
86) p-Isopropyltoluene	13.50	119	198100	48.761	ug/l	99
87) 1,3-Dichlorobenzene	13.50	146	94268	48.366	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	94450	48.446	ug/l	99
89) n-Butylbenzene	13.83	91	180205	48.378	ug/l	99
90) Hexachloroethane	14.10	117	29817	41.805	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	85378	48.926	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6211	47.092	ug/l	97

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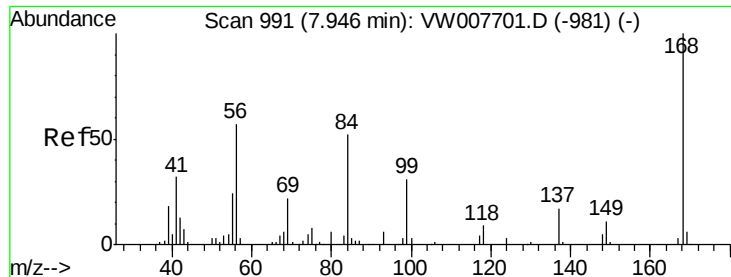
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	58788	48.532	ug/l	98
94) Hexachlorobutadiene	15.24	225	30869	47.685	ug/l	98
95) Naphthalene	15.37	128	121502	54.253	ug/l	100
96) 1,2,3-Trichlorobenzene	15.56	180	51620	49.783	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

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MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion:168 Resp: 74546

Ion Ratio Lower Upper

168 100

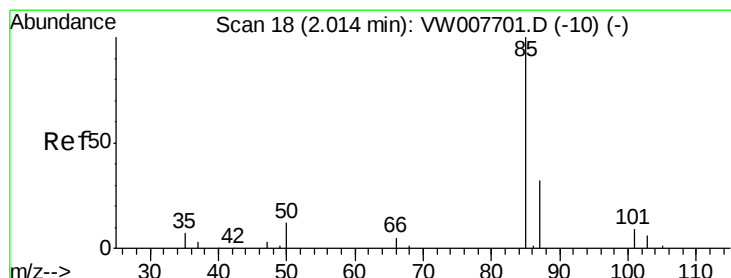
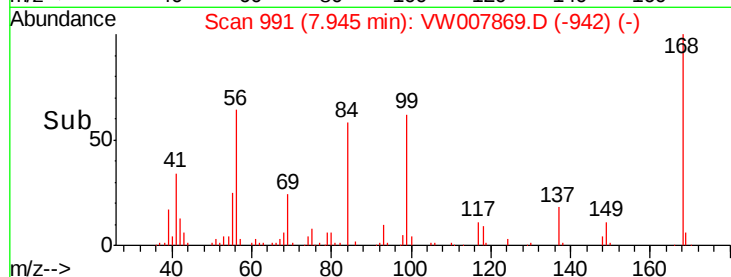
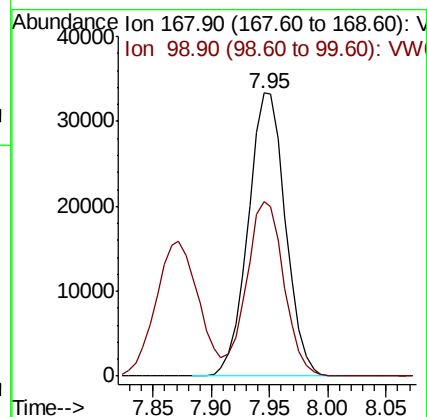
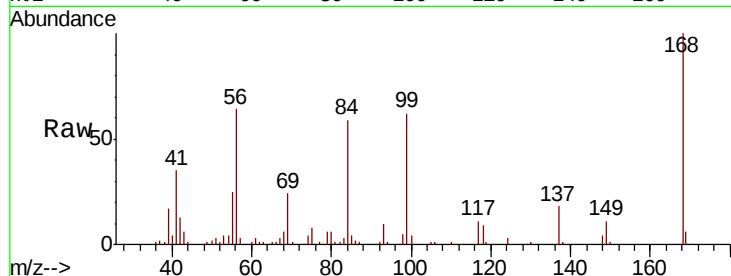
99 61.8 54.0 81.0

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#2

Dichlorodifluoromethane

Concen: 41.922 ug/l

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007869.D

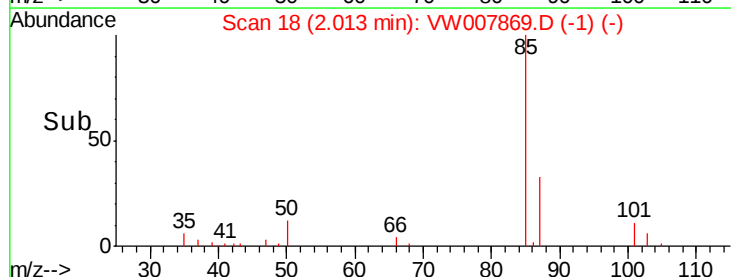
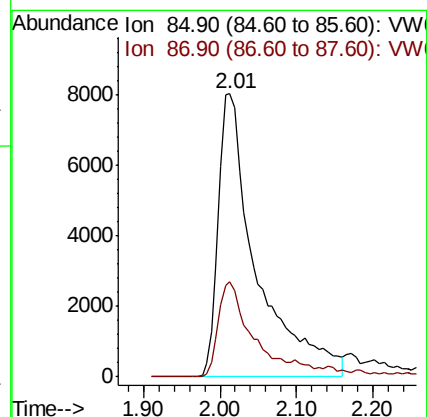
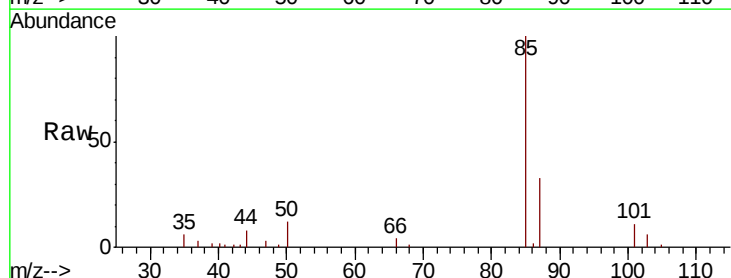
Acq: 23 Dec 2018 03:59

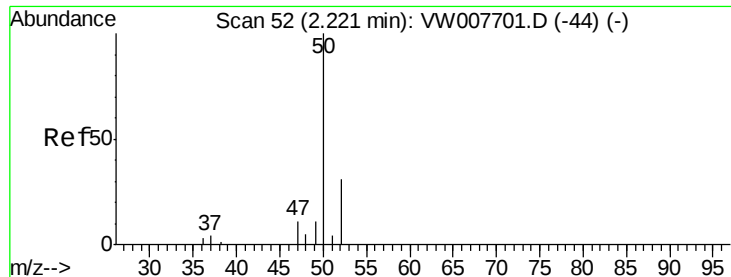
Tgt Ion: 85 Resp: 27782

Ion Ratio Lower Upper

85 100

87 33.4 16.3 48.8





#3

Chloromethane

Concen: 64.110 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 26089

Ion Ratio Lower Upper

50 100

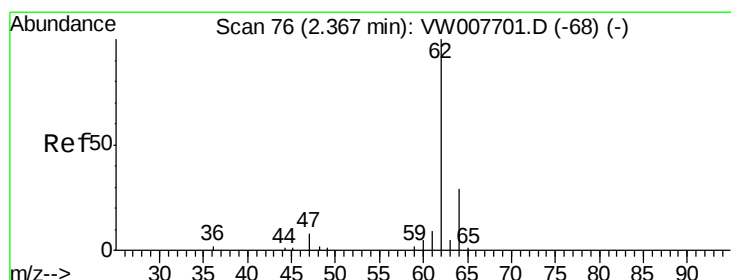
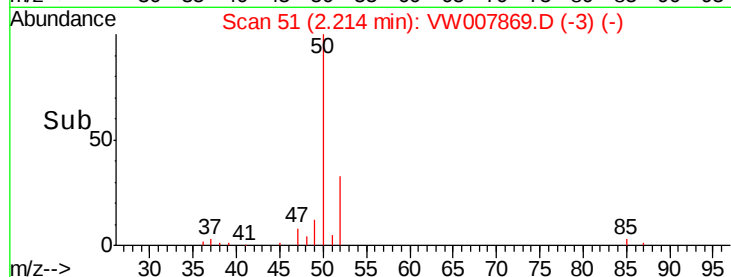
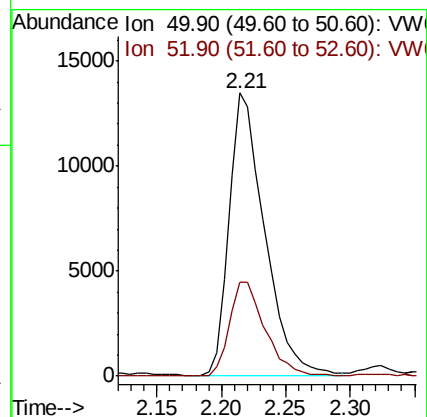
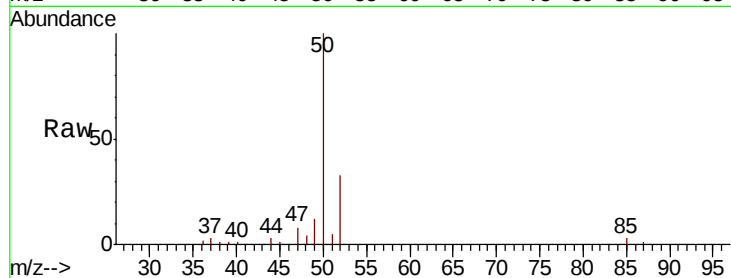
52 33.1 25.1 37.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 59.911 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007869.D

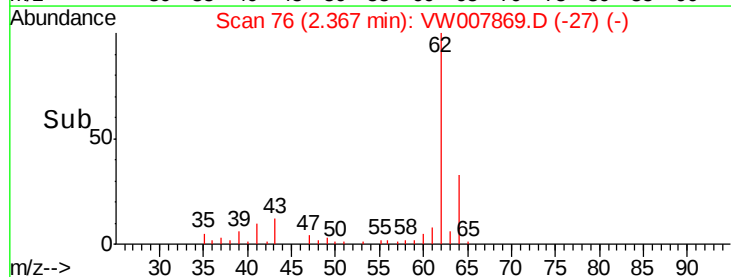
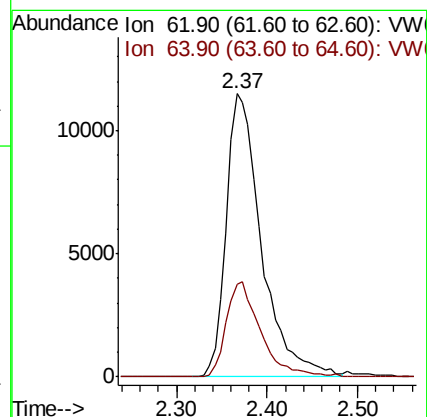
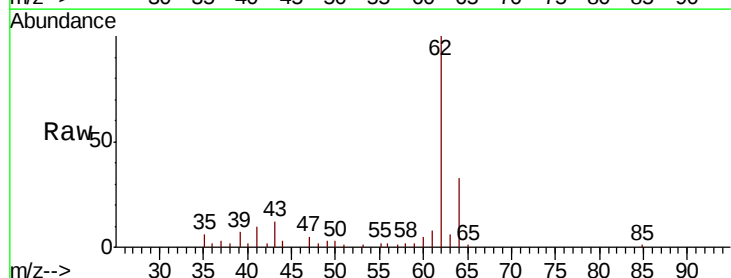
Acq: 23 Dec 2018 03:59

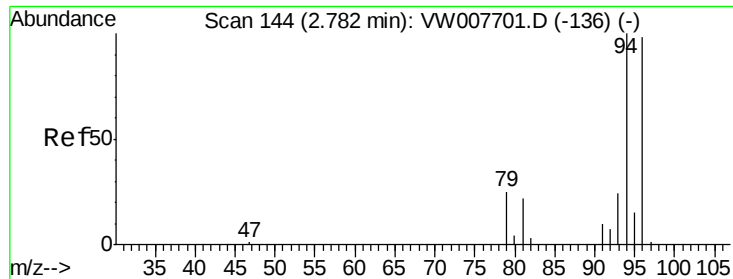
Tgt Ion: 62 Resp: 31035

Ion Ratio Lower Upper

62 100

64 32.8 23.4 35.0





#5

Bromomethane

Concen: 57.865 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 20878

Ion Ratio Lower Upper

94 100

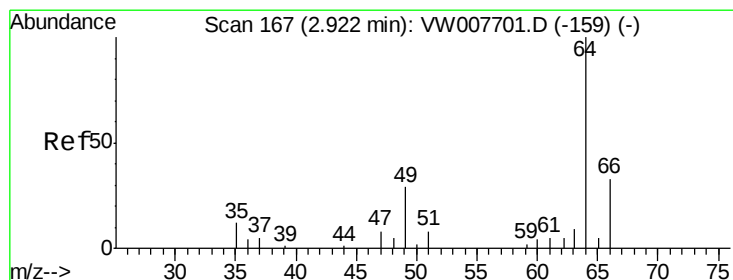
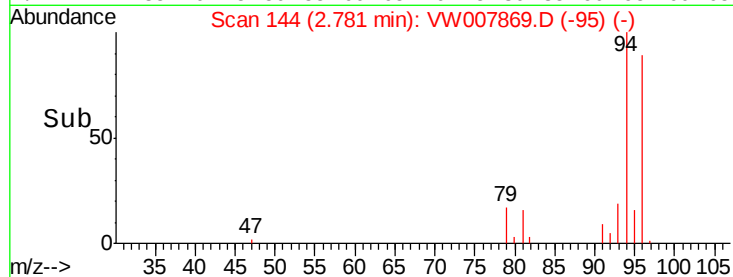
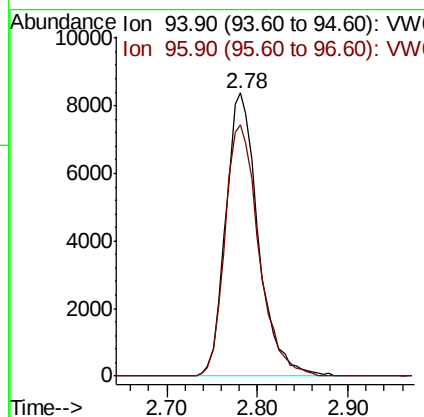
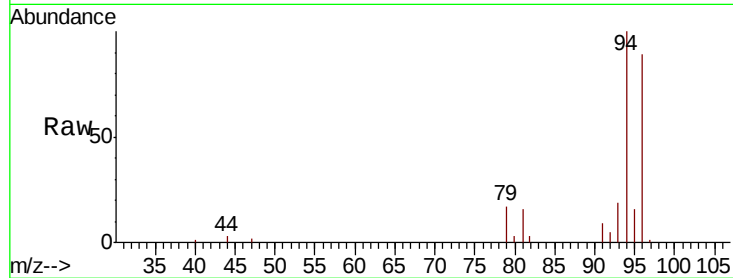
96 88.6 78.2 117.2

Manual Integrations

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#6

Chloroethane

Concen: 62.230 ug/l

RT: 2.93 min Scan# 168

Delta R.T. 0.01 min

Lab File: VW007869.D

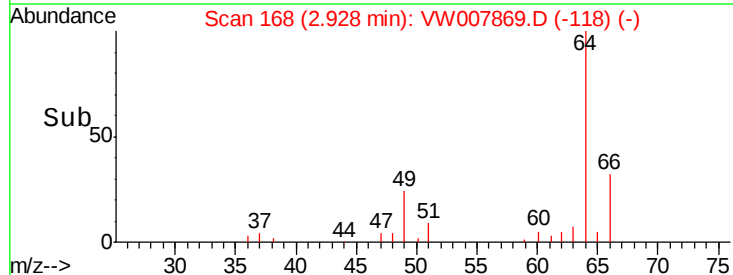
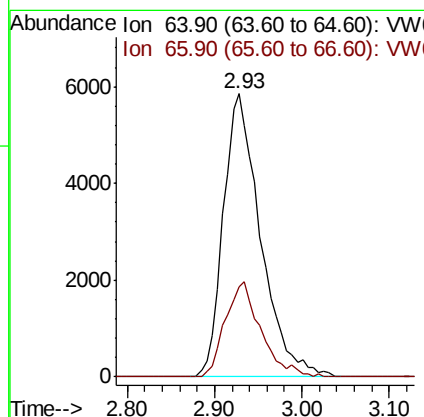
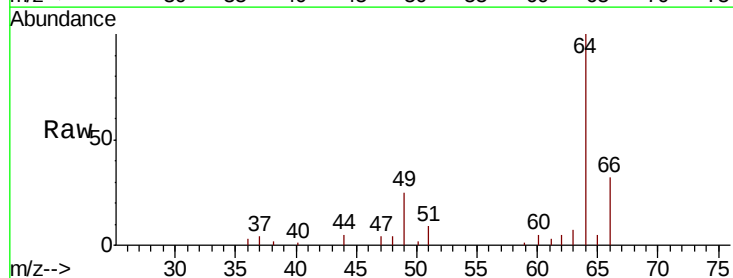
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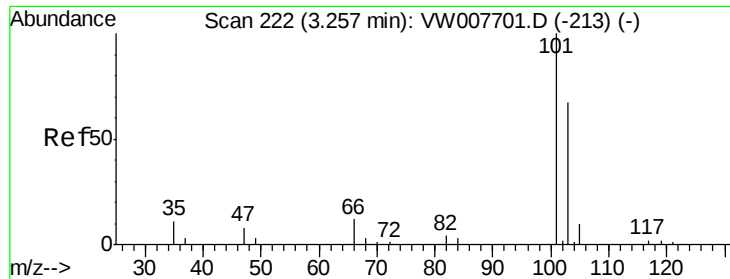
Tgt Ion: 64 Resp: 17246

Ion Ratio Lower Upper

64 100

66 32.0 26.2 39.4





#7

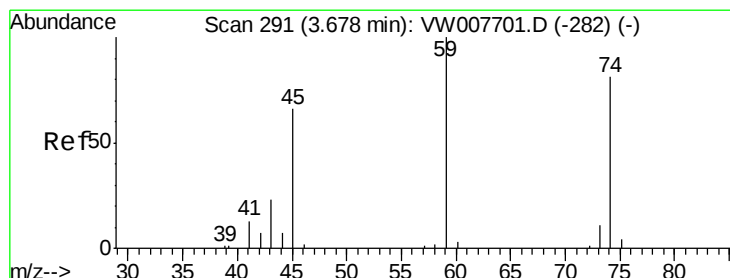
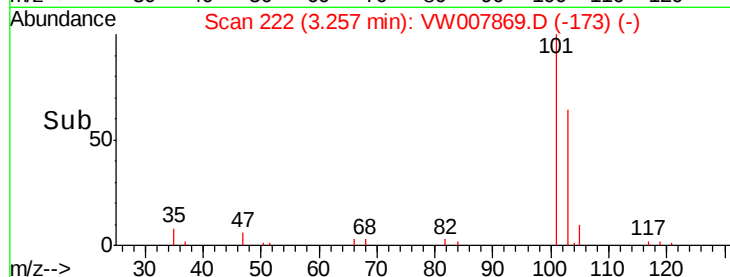
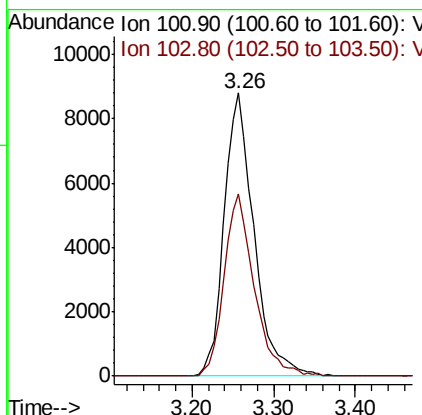
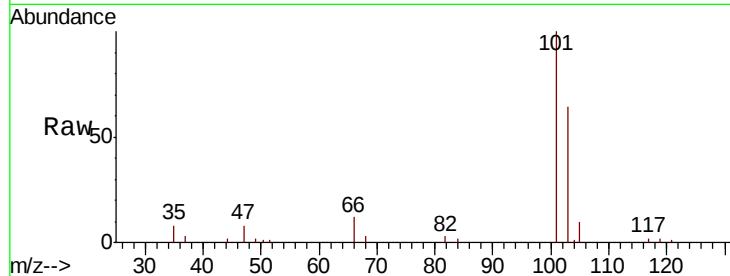
Trichlorofluoromethane
Concen: 41.160 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 101 Resp: 22198
Ion Ratio Lower Upper
101 100
103 64.3 53.4 80.2

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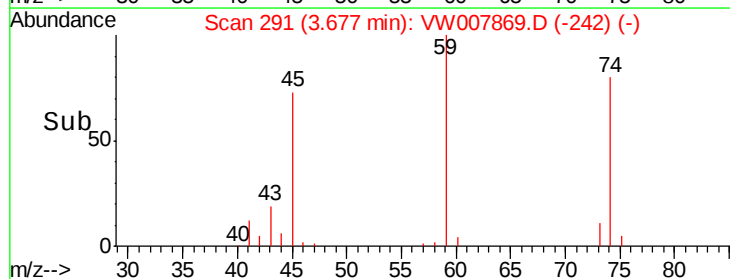
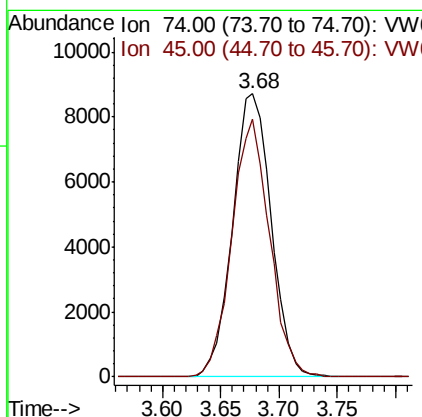
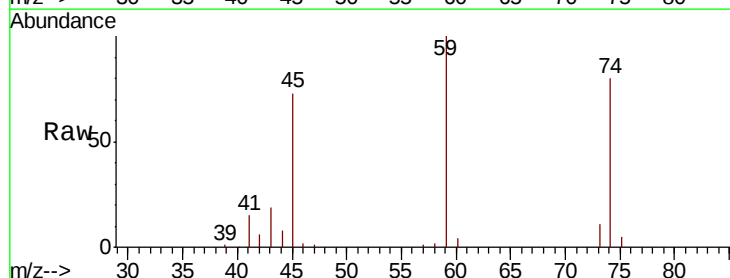
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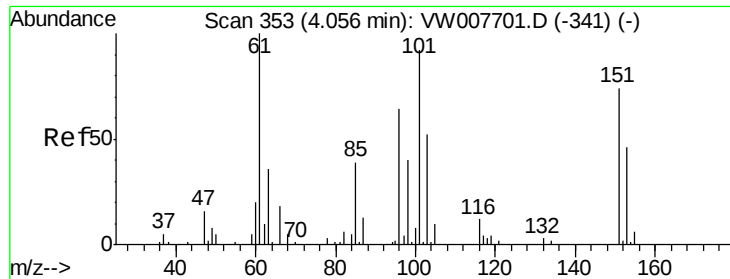


#8

Diethyl Ether
Concen: 60.803 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion: 74 Resp: 20085
Ion Ratio Lower Upper
74 100
45 88.9 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.658 ug/l

RT: 4.06 min Scan# 353

Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Instrument :

MSVOA_W

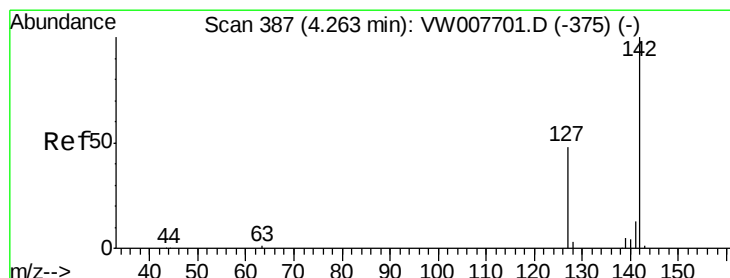
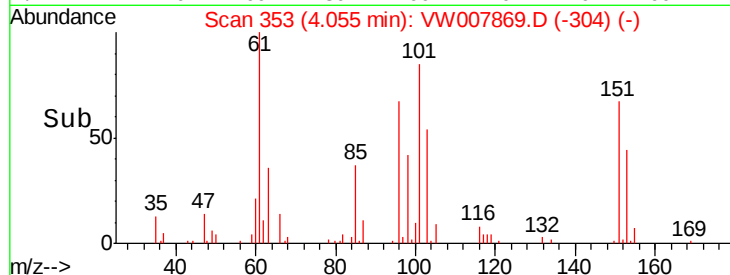
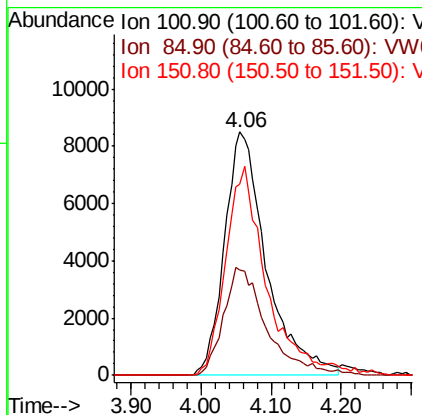
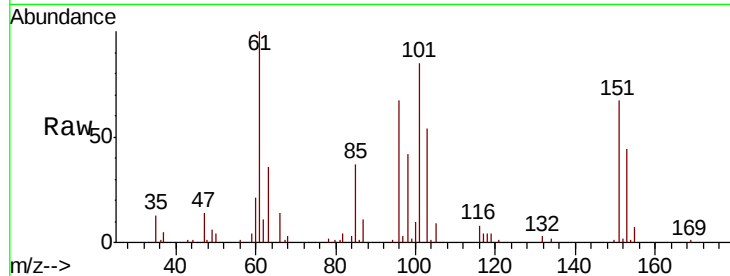
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	35470
Ion Ratio	Lower	Upper	
101	100		
85	45.6	34.3	51.5
151	81.6	64.6	96.8

Manual Integrations
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#10

Methyl Iodide

Concen: 47.955 ug/l

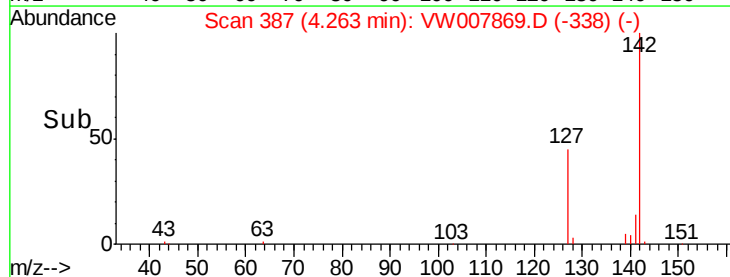
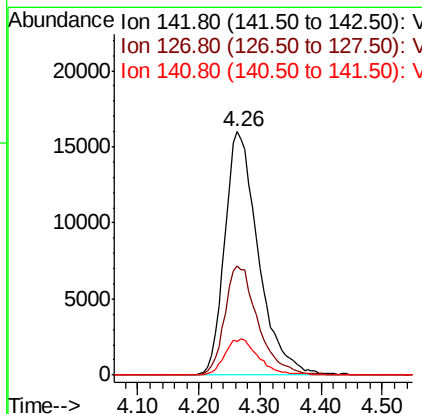
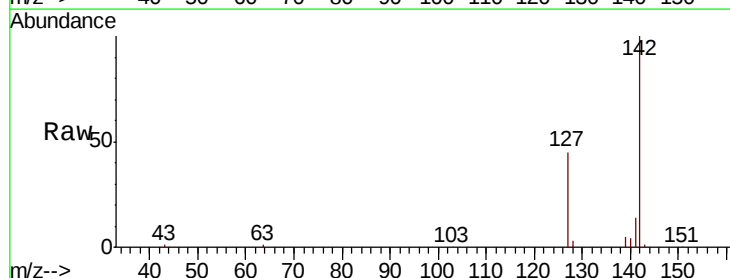
RT: 4.26 min Scan# 387

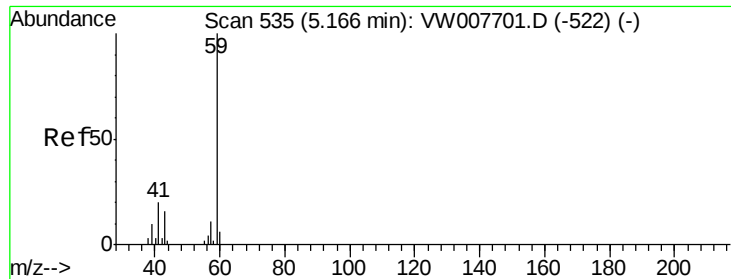
Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Tgt Ion:	142	Resp:	60572
Ion Ratio	Lower	Upper	
142	100		
127	44.0	37.7	56.5
141	15.0	11.5	17.3





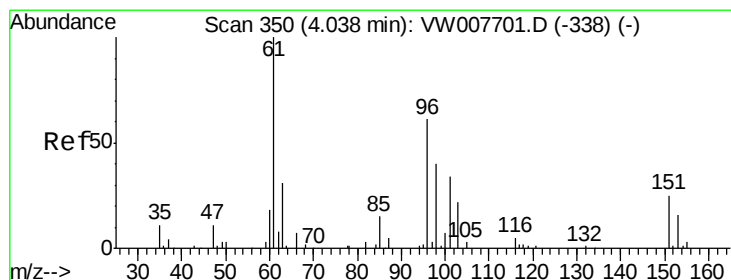
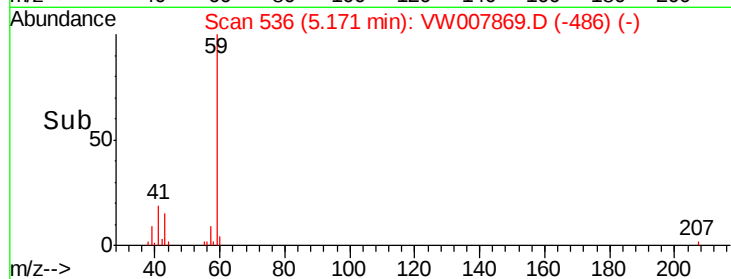
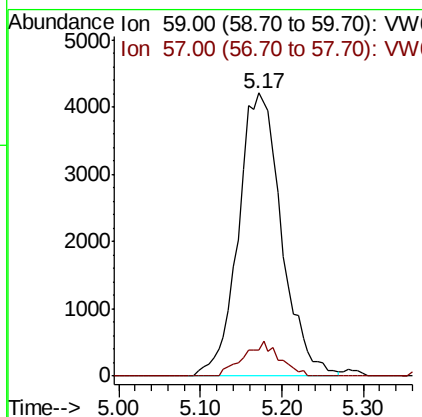
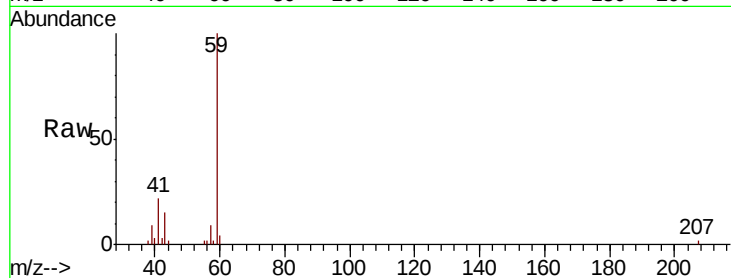
#11
Tert butyl alcohol
Concen: 281.147 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 15496
Ion Ratio Lower Upper
59 100
57 10.2 7.8 11.8

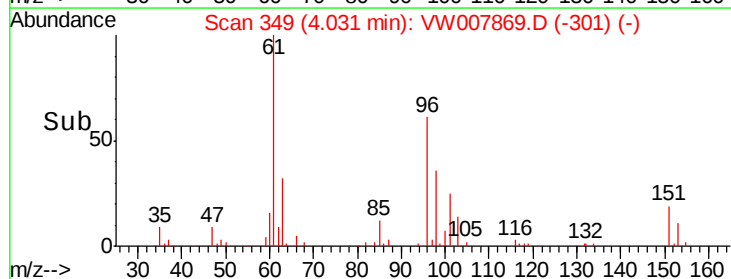
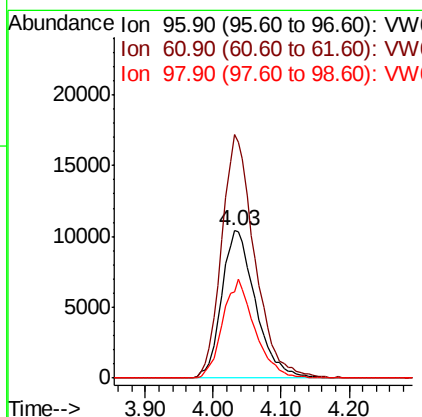
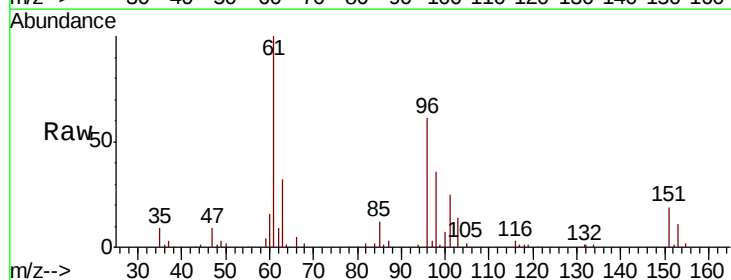
Manual Integrations
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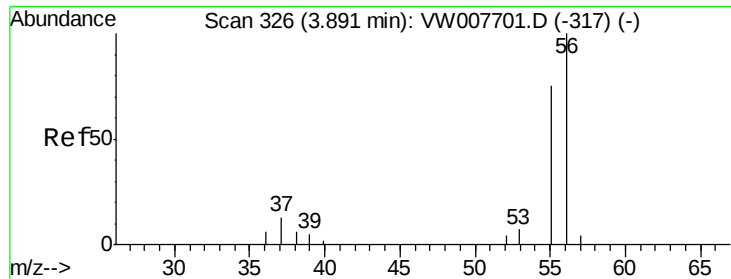
MMDadoda
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#12
1,1-Dichloroethene
Concen: 48.911 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion: 96 Resp: 35973
Ion Ratio Lower Upper
96 100
61 165.2 130.6 195.8
98 58.9 52.3 78.5





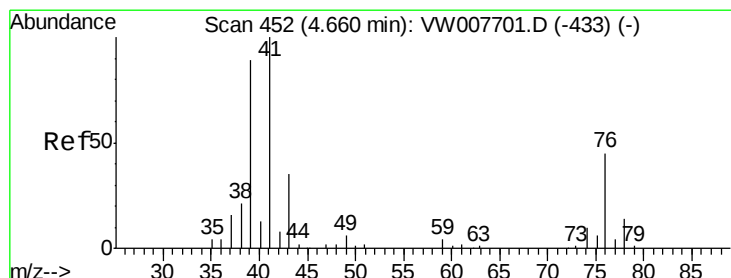
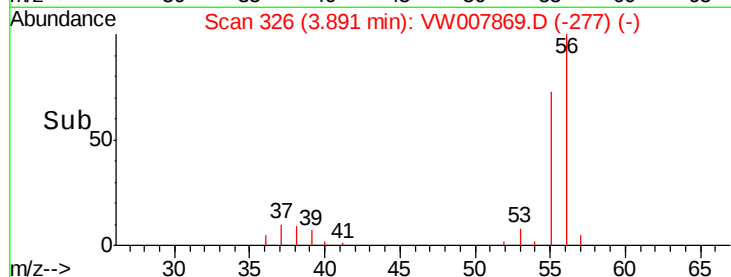
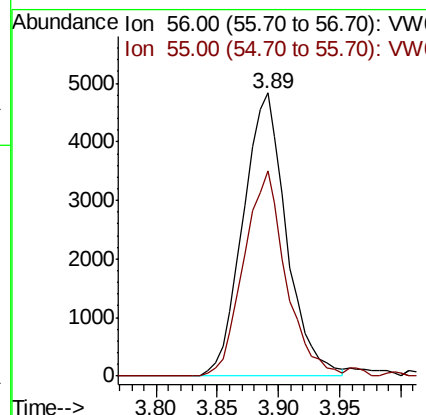
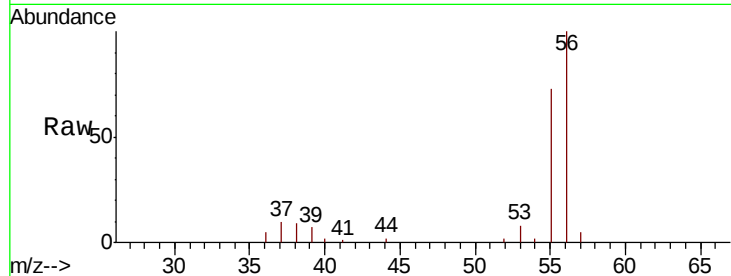
#13
Acrolein
Concen: 270.075 ug/l
RT: 3.89 min Scan# 326
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 11902
Ion Ratio Lower Upper
56 100
55 70.4 57.7 86.5

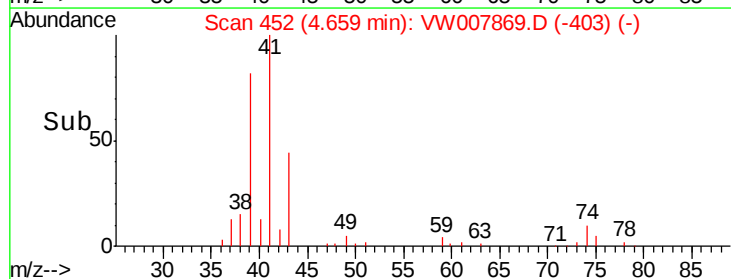
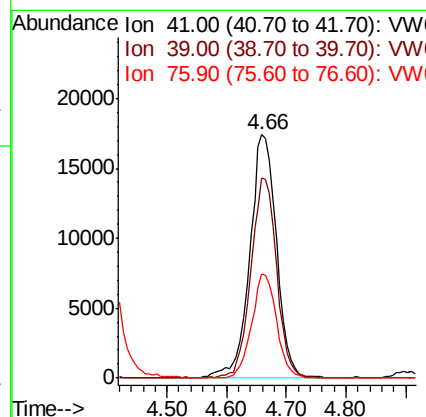
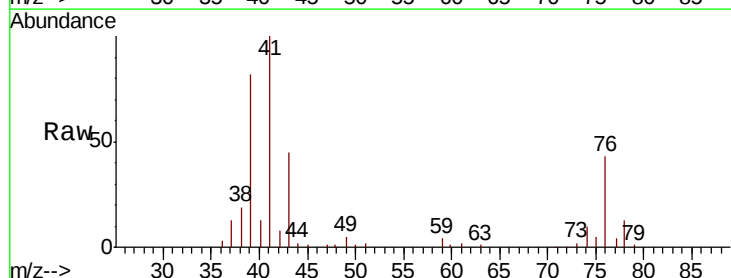
Manual Integrations
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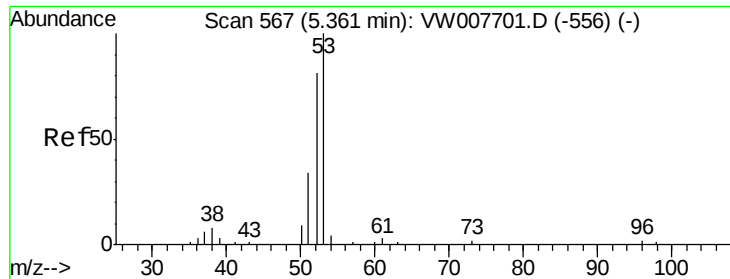
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#14
Allyl chloride
Concen: 56.235 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion: 41 Resp: 54238
Ion Ratio Lower Upper
41 100
39 79.0 69.5 104.3
76 39.5 34.8 52.2





#15

Acrylonitrile

Concen: 289.459 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Instrument :

MSVOA_W

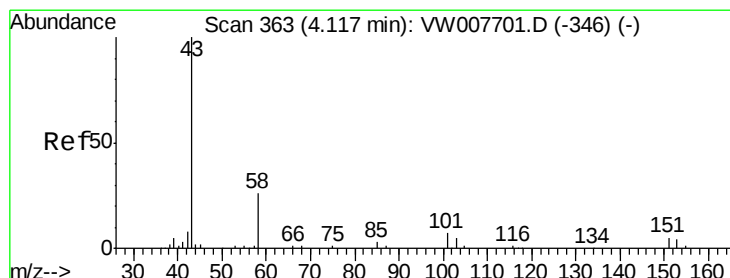
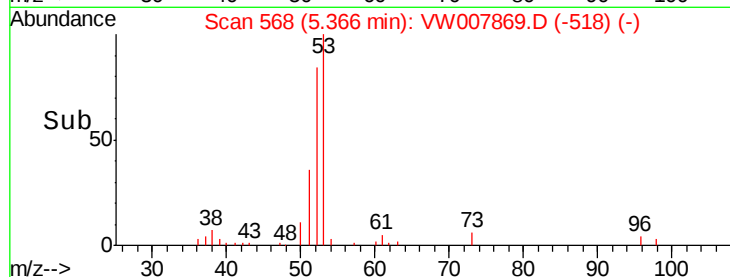
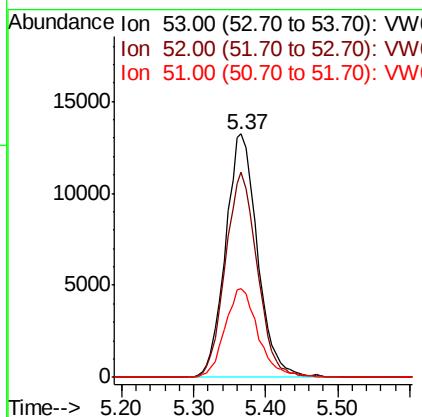
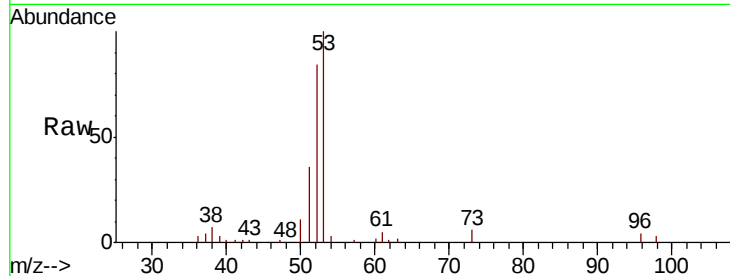
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	40787
Ion	Ratio	Lower	Upper
53	100		
52	84.1	67.0	100.4
51	37.7	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 224.128 ug/l

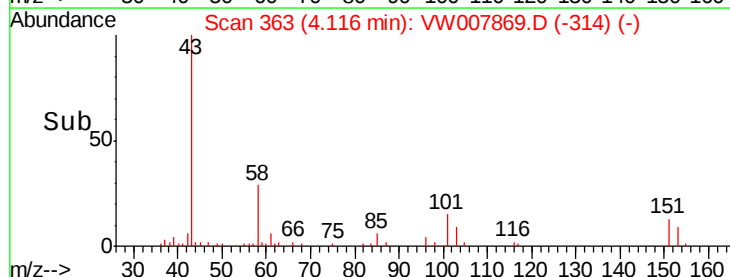
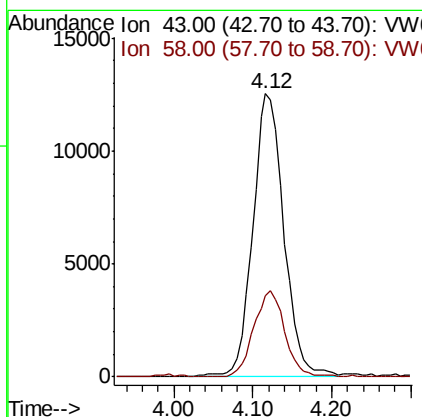
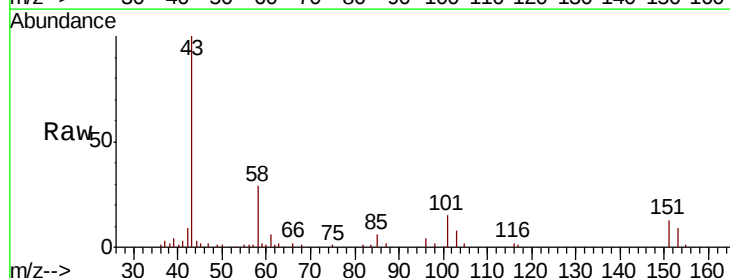
RT: 4.12 min Scan# 363

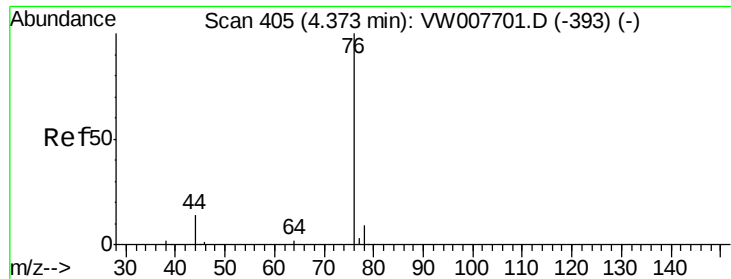
Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Tgt Ion:	43	Resp:	34292
Ion	Ratio	Lower	Upper
43	100		
58	28.6	21.2	31.8





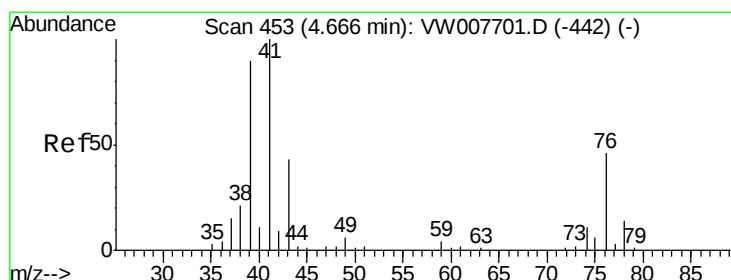
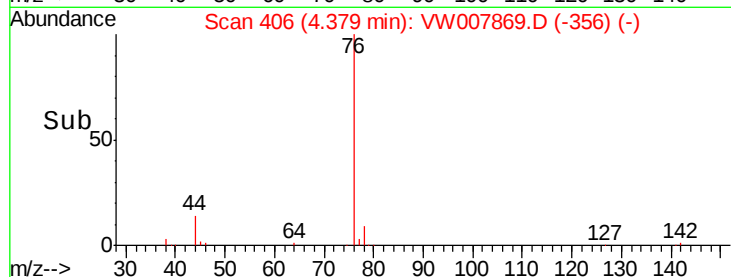
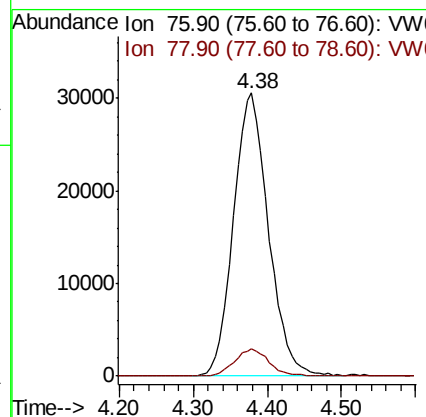
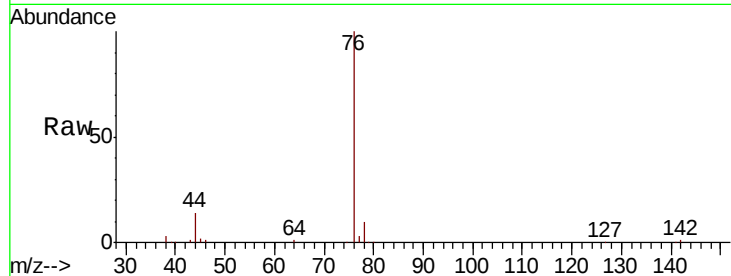
#17
Carbon Disulfide
Concen: 44.101 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 100374
Ion Ratio Lower Upper
76 100
78 9.6 7.3 10.9

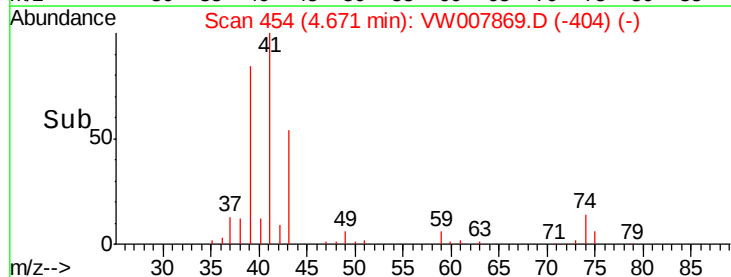
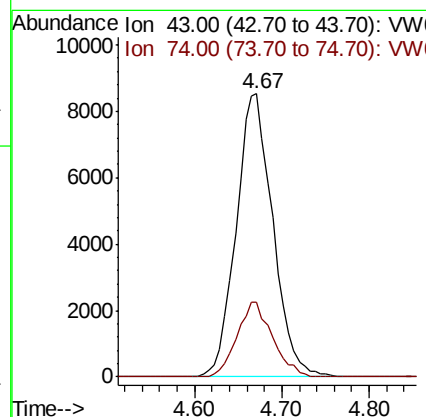
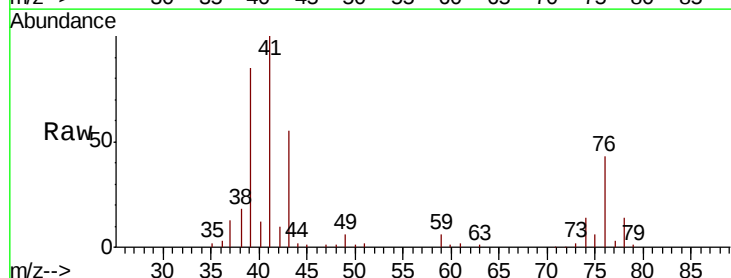
Manual Integrations
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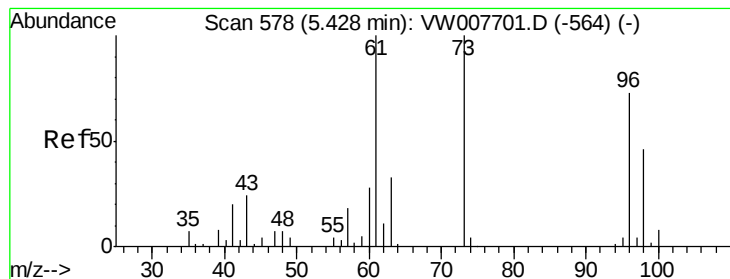
MMDadoda
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#18
Methyl Acetate
Concen: 68.189 ug/l
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion: 43 Resp: 24812
Ion Ratio Lower Upper
43 100
74 25.4 22.7 34.1





#19

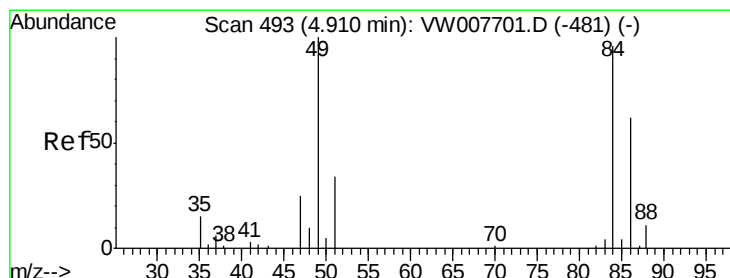
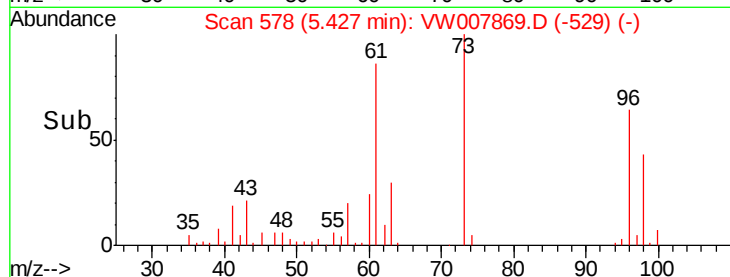
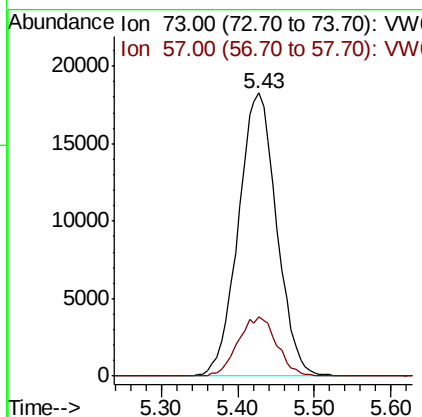
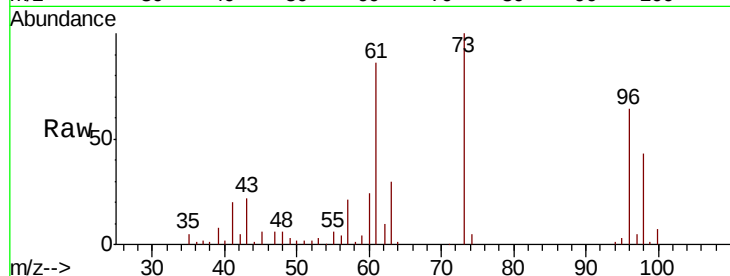
Methyl tert-butyl Ether
 Concen: 60.143 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 73 Resp: 63504
 Ion Ratio Lower Upper
 73 100
 57 20.9 14.7 22.1

Manual Integrations
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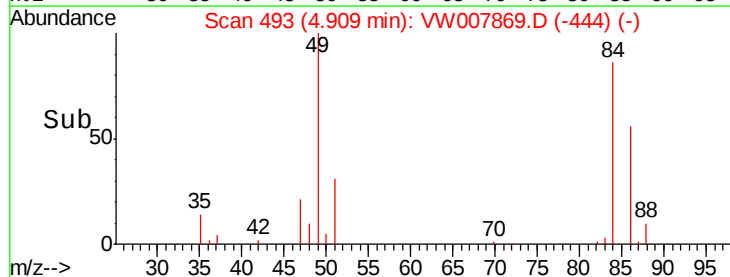
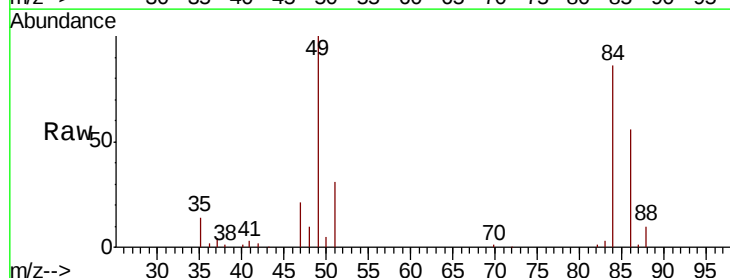
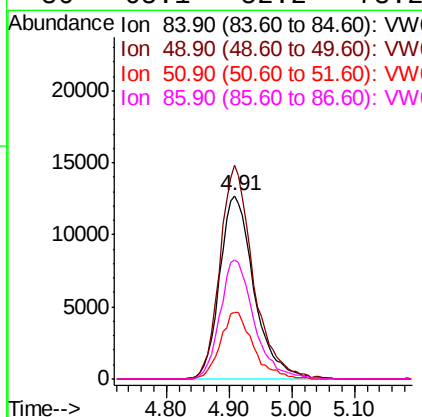
MMDadoda
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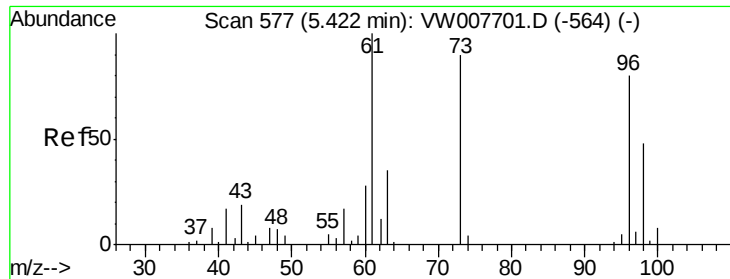


#20

Methylene Chloride
 Concen: 64.716 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion: 84 Resp: 48098
 Ion Ratio Lower Upper
 84 100
 49 116.5 83.7 125.5
 51 36.3 28.2 42.2
 86 65.1 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 49.087 ug/l

RT: 5.41 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Instrument :

MSVOA_W

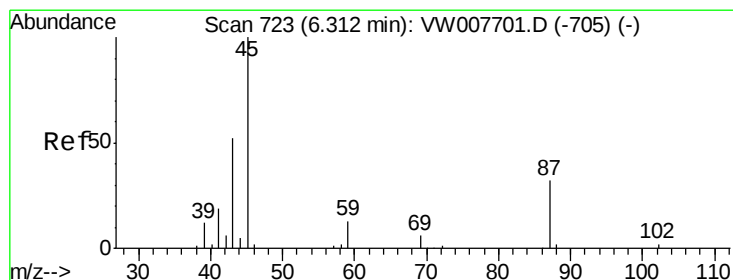
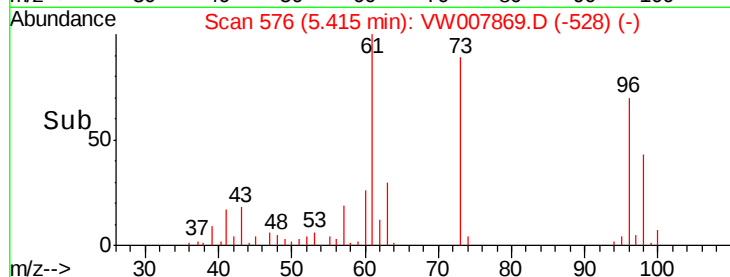
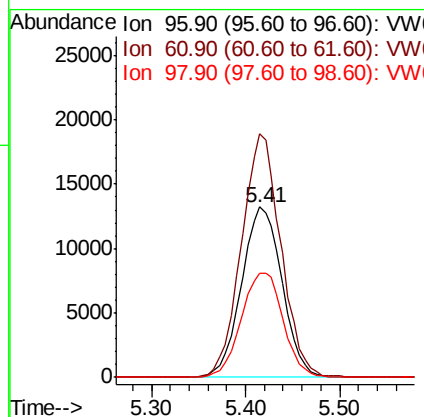
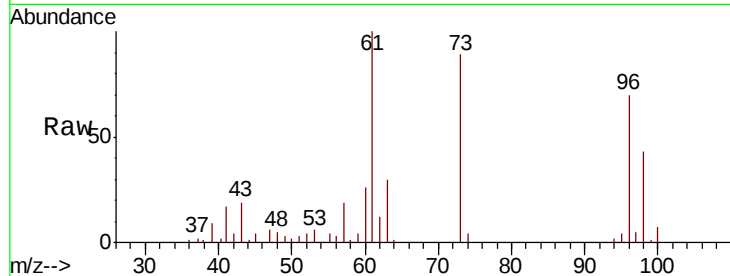
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	39706
Ion	Ratio	Lower	Upper
96	100		
61	143.1	100.1	150.1
98	61.2	48.5	72.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 59.143 ug/l

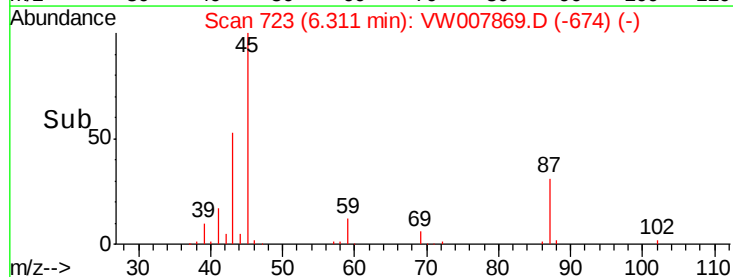
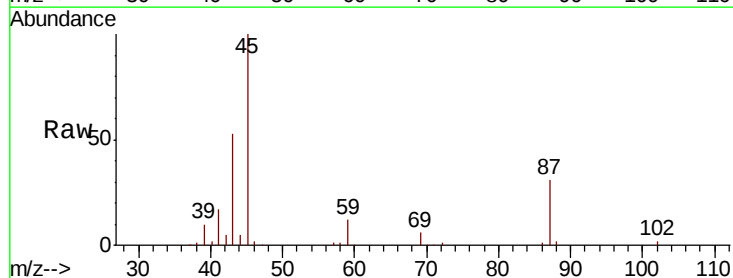
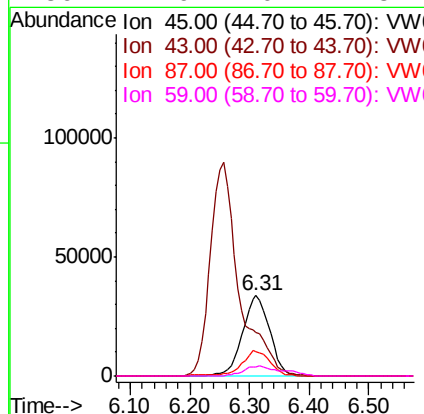
RT: 6.31 min Scan# 723

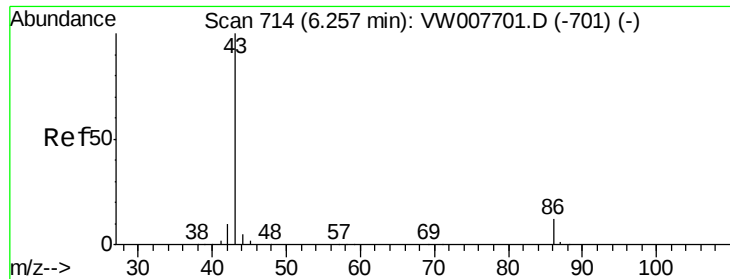
Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Tgt Ion:	45	Resp:	106810
Ion	Ratio	Lower	Upper
45	100		
43	53.1	43.7	65.5
87	31.0	26.6	40.0
59	11.9	10.2	15.2





#23

Vinyl Acetate

Concen: 280.461 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 300930

Ion Ratio Lower Upper

43 100

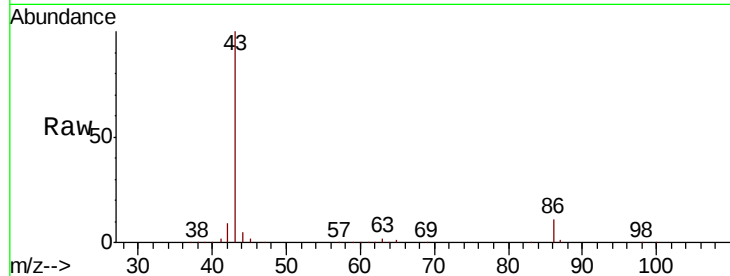
86 11.2 9.6 14.4

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW

6.26

100000

80000

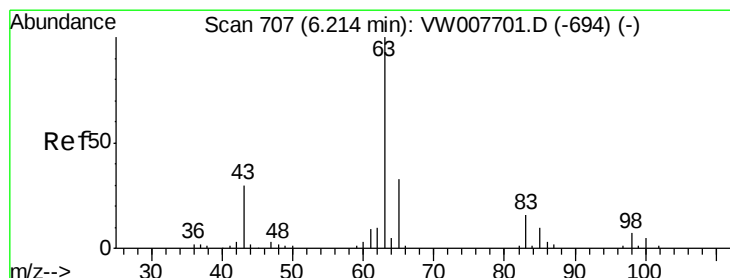
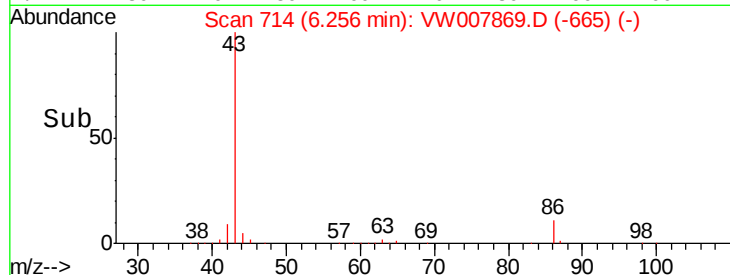
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 53.184 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

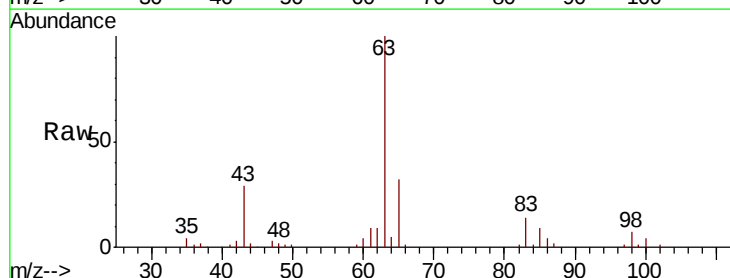
Tgt Ion: 63 Resp: 70659

Ion Ratio Lower Upper

63 100

98 7.2 3.6 10.9

100 4.4 2.5 7.5



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW

6.21

30000

25000

20000

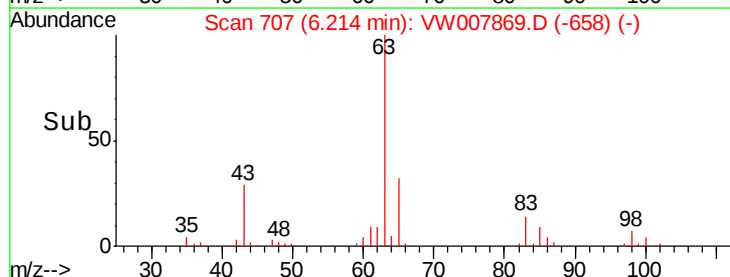
15000

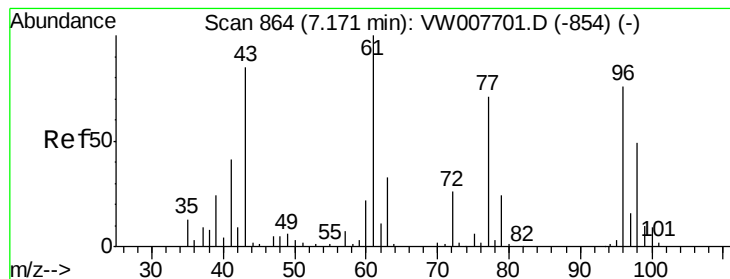
10000

5000

0

Time-->





#25

2-Butanone

Concen: 283.812 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 50862

Ion Ratio Lower Upper

43 100

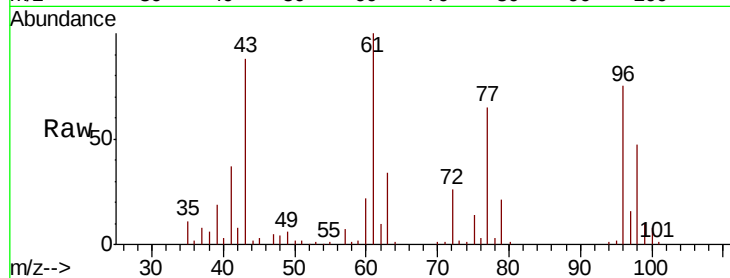
72 29.3 24.5 36.7

Manual Integrations

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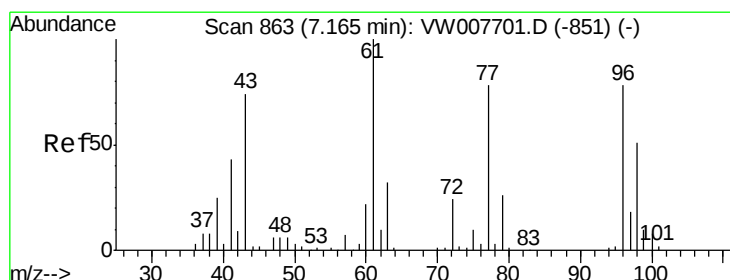
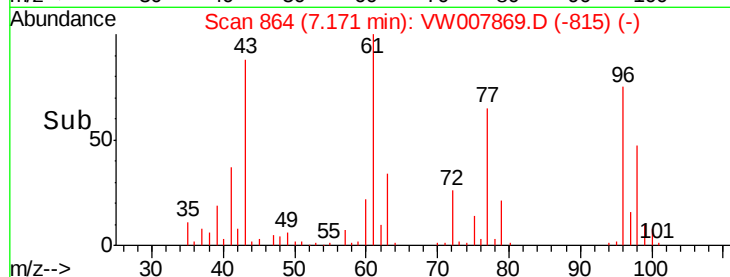
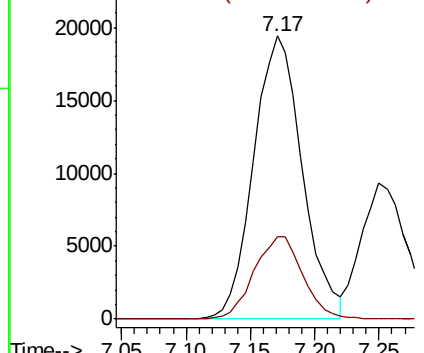
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 45.682 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007869.D

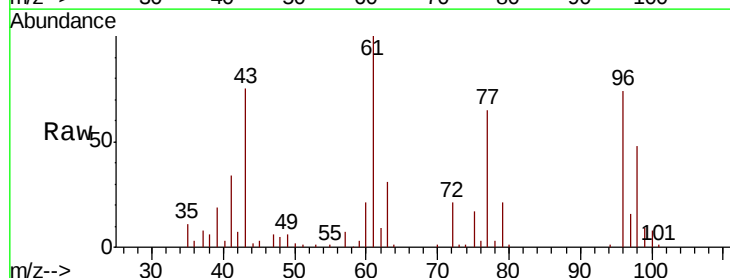
Acq: 23 Dec 2018 03:59

Tgt Ion: 77 Resp: 44412

Ion Ratio Lower Upper

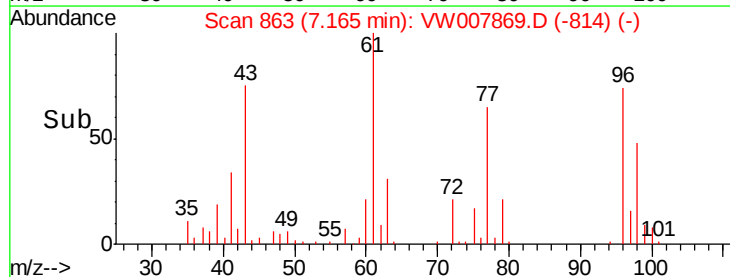
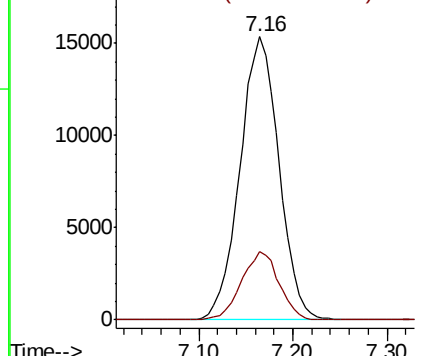
77 100

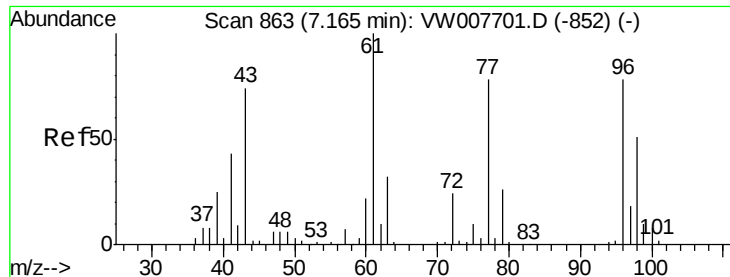
97 23.3 11.3 33.9



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

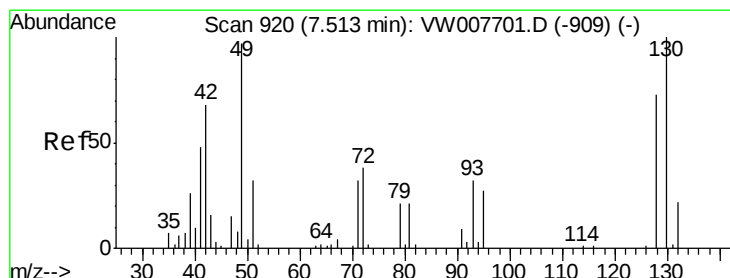
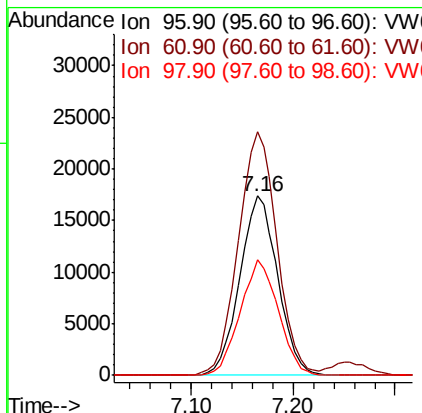
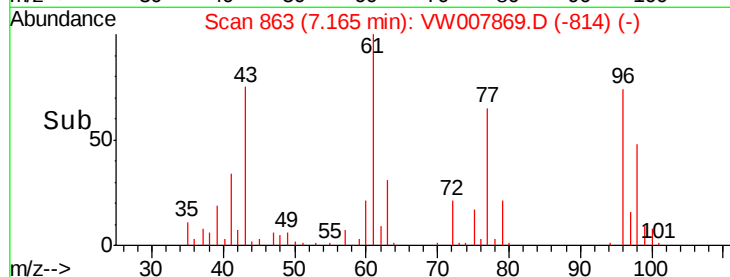
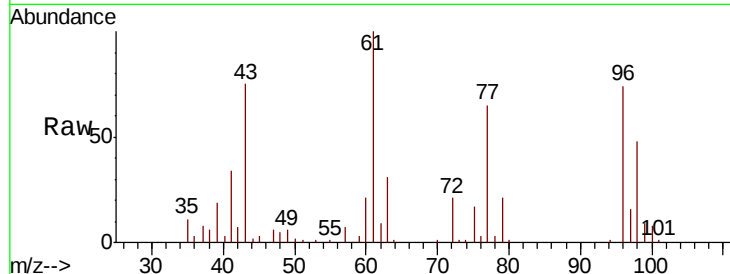
cis-1,2-Dichloroethene
Concen: 51.901 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
96	100		
61	138.6	0.0	271.6
98	64.9	0.0	131.2

Manual Integrations
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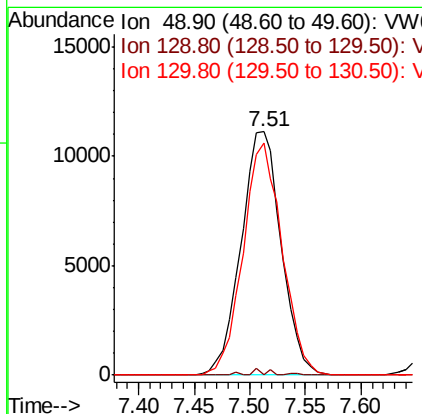
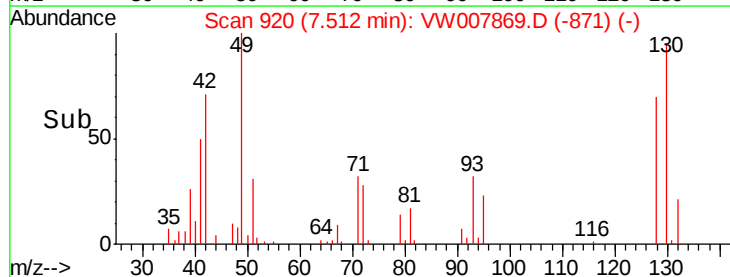
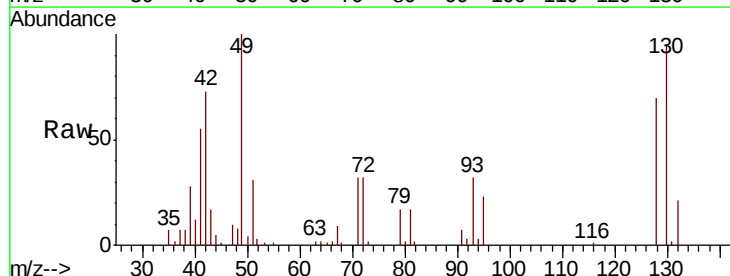
MMDadoda
12/24/2018 3:15:25 PM

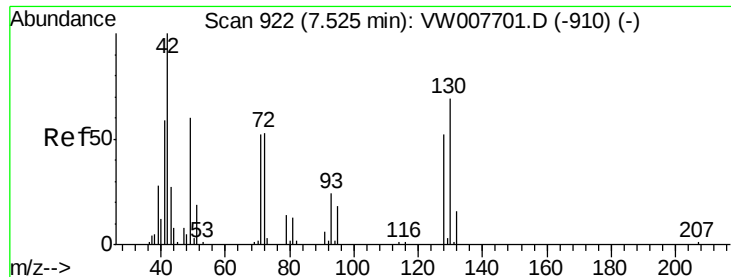


#28

Bromochloromethane
Concen: 61.576 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.8	0.0	2.2
130	92.8	81.5	122.3





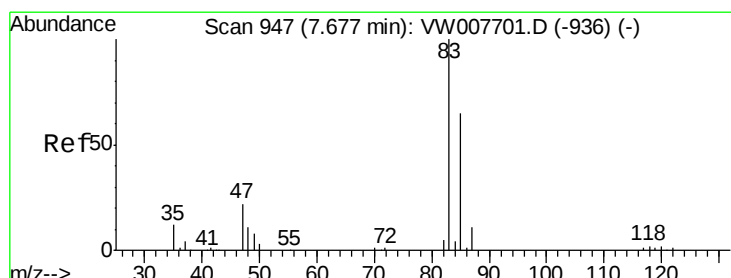
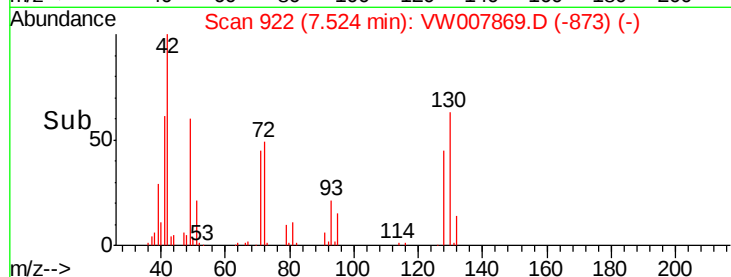
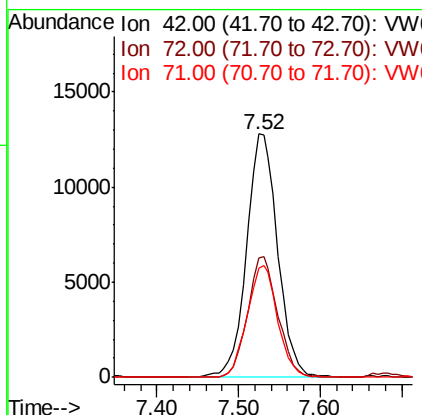
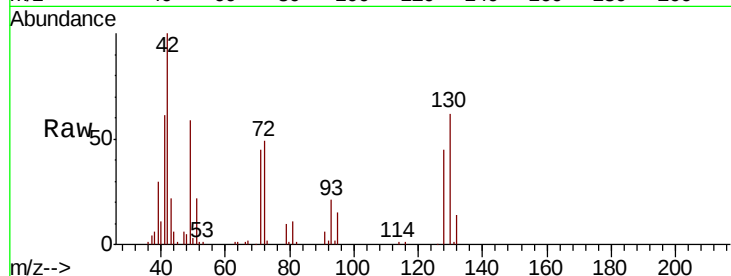
#29
Tetrahydrofuran
Concen: 317.122 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	48.0	41.7	62.5
71	44.8	39.0	58.6

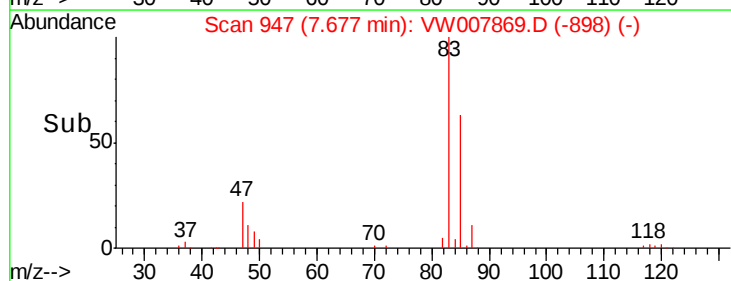
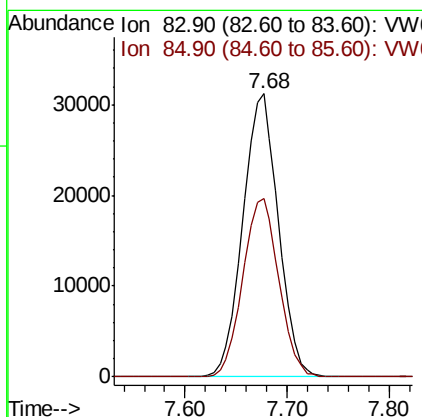
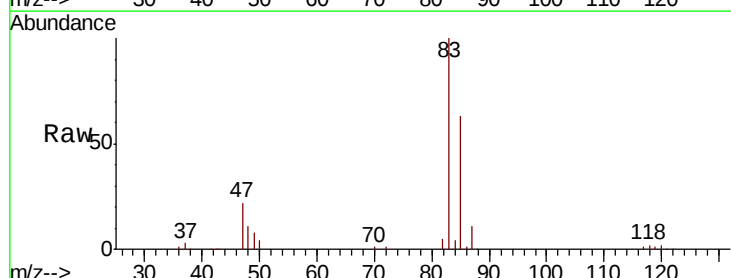
Manual Integrations
APPROVED

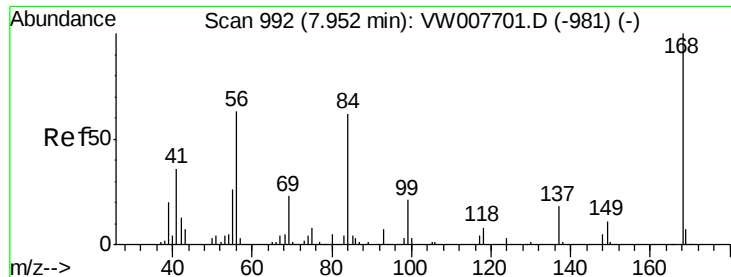
MMDadoda
12/24/2018 3:15:25 PM



#30
Chloroform
Concen: 50.096 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.0	52.2	78.2





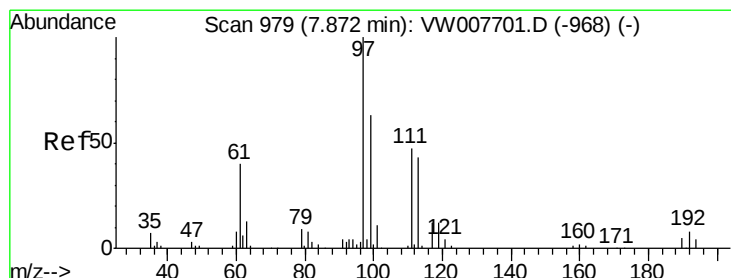
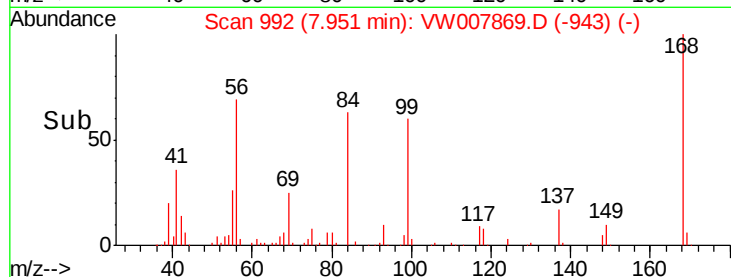
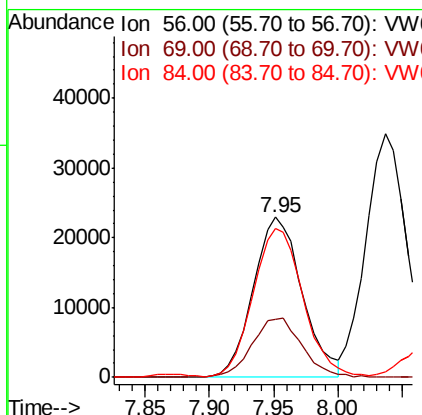
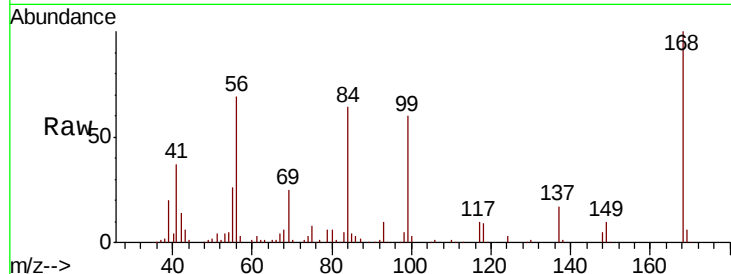
#31
Cyclohexane
Concen: 49.794 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 56 Resp: 60564
Ion Ratio Lower Upper
56 100
69 36.5 29.7 44.5
84 92.6 78.9 118.3

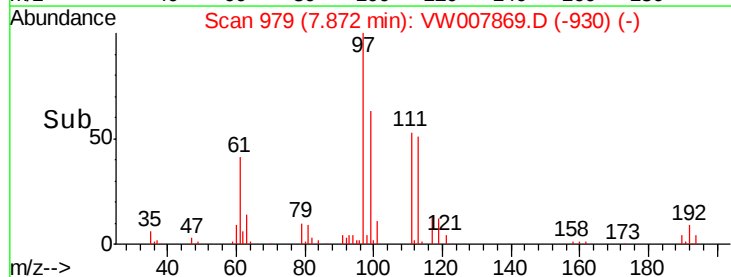
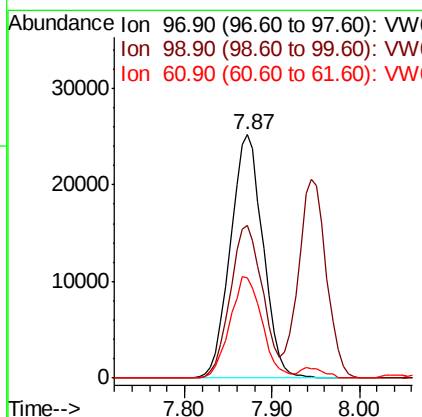
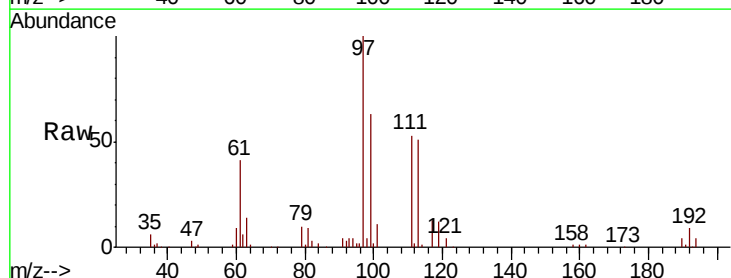
Manual Integrations
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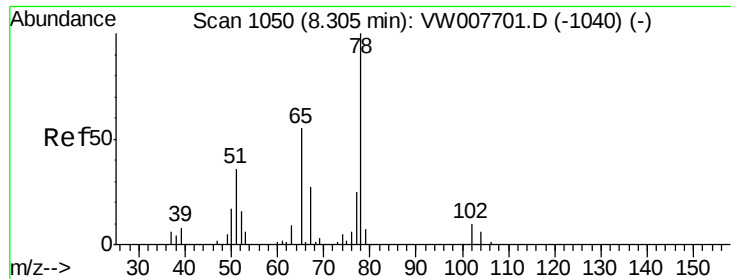
MMDadoda
12/24/2018 3:15:25 PM



#32
1,1,1-Trichloroethane
Concen: 47.555 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion: 97 Resp: 65119
Ion Ratio Lower Upper
97 100
99 62.6 50.6 76.0
61 41.0 32.3 48.5





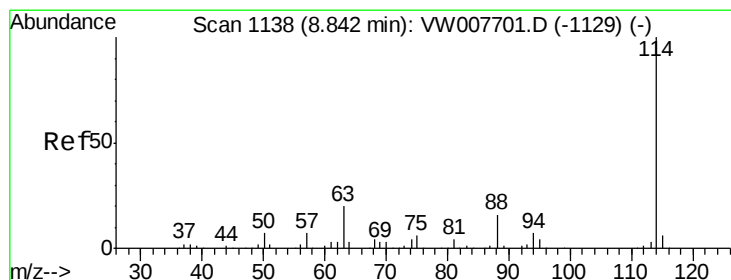
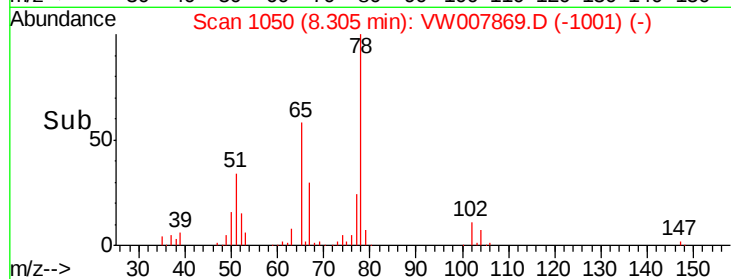
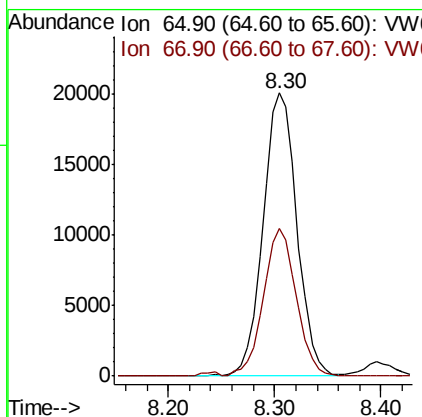
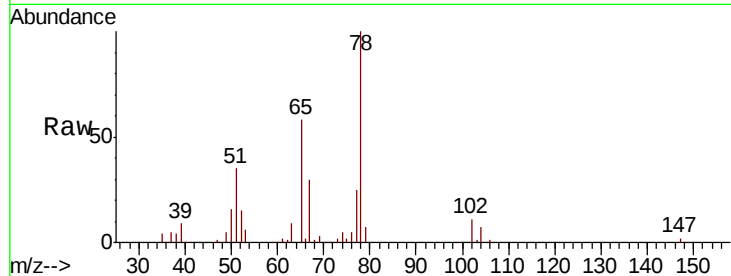
#33
 1,2-Dichloroethane-d4
 Concen: 54.456 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 44494
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.6

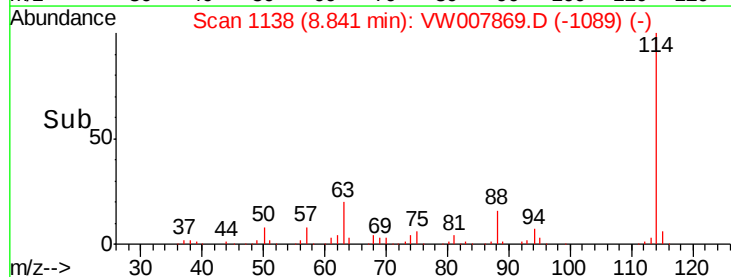
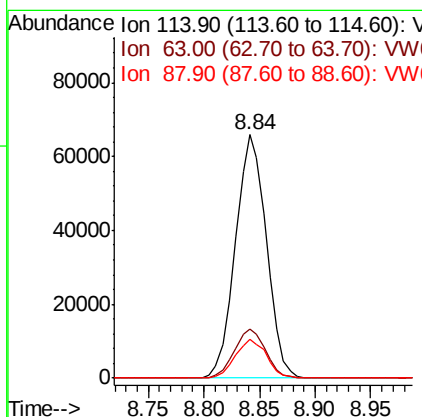
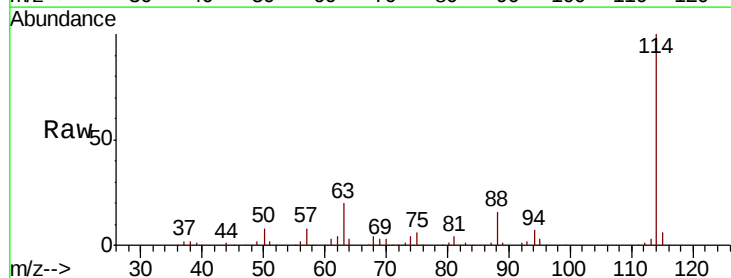
Manual Integrations
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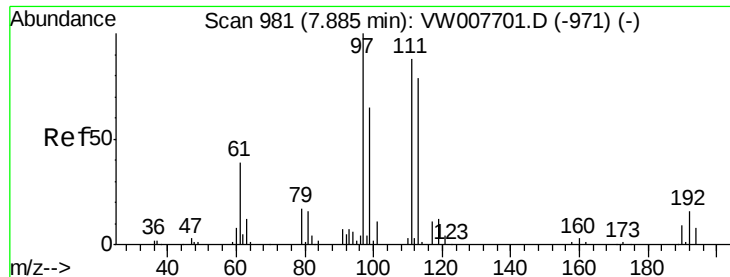
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion: 114 Resp: 126757
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 40.0
 88 16.1 0.0 32.6





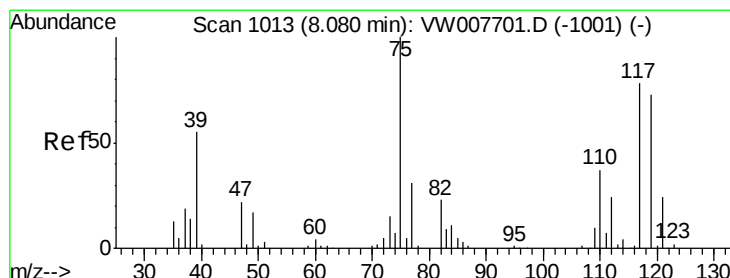
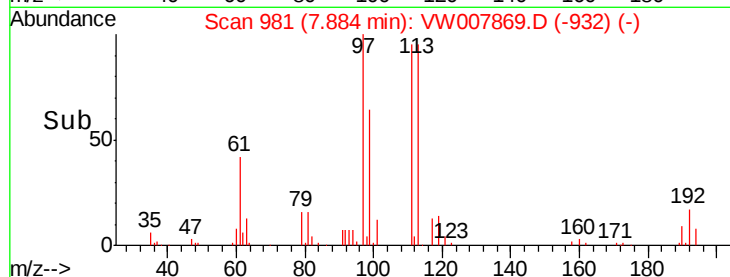
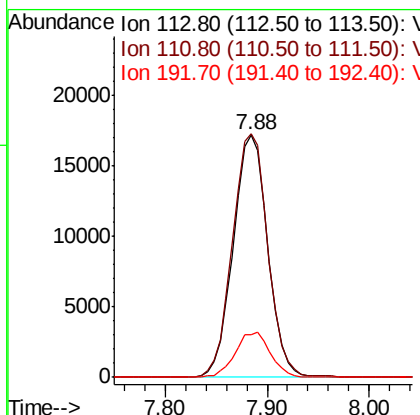
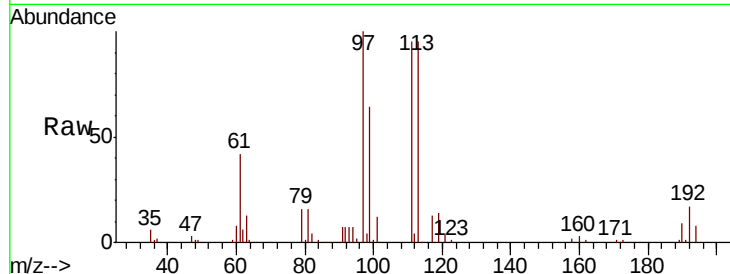
#35
 Dibromofluoromethane
 Concen: 52.038 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	40240		
111	102.8	82.6	124.0	
192	18.8	15.5	23.3	

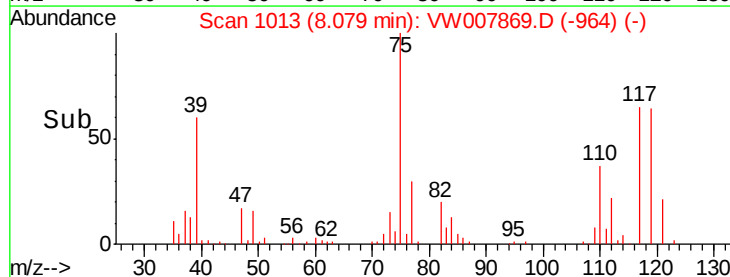
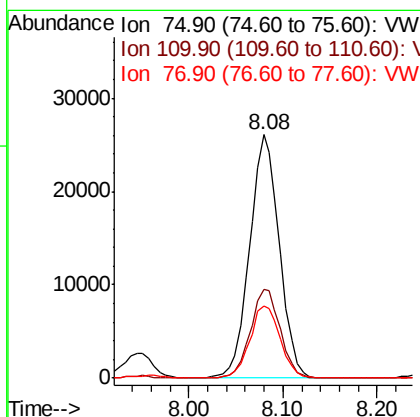
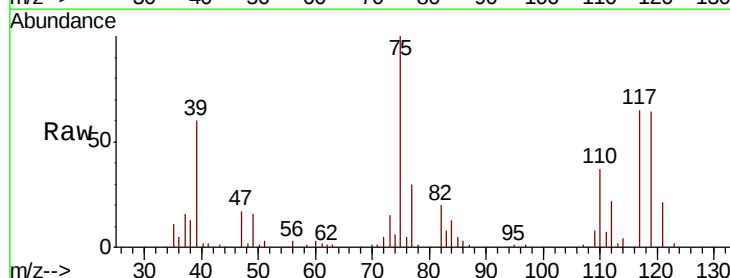
Manual Integrations
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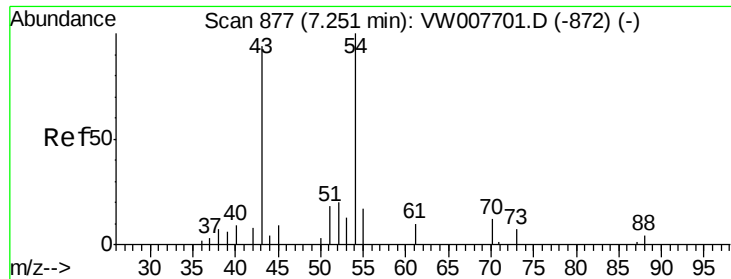
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#36
 1,1-Dichloropropene
 Concen: 47.150 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	57685		
110	36.6	18.6	55.8	
77	30.4	25.0	37.4	





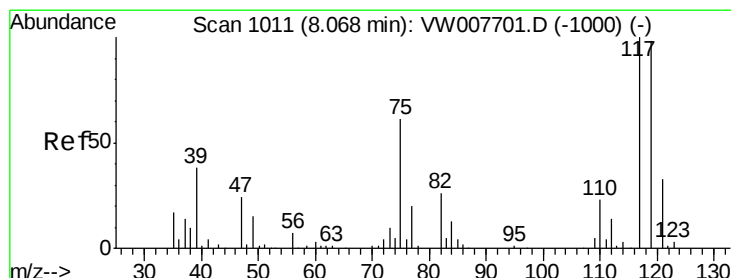
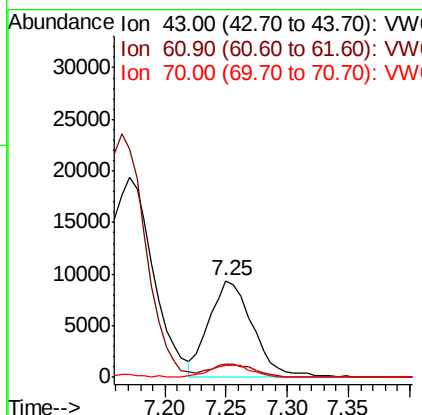
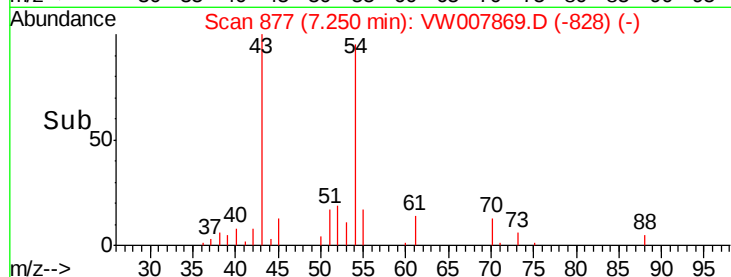
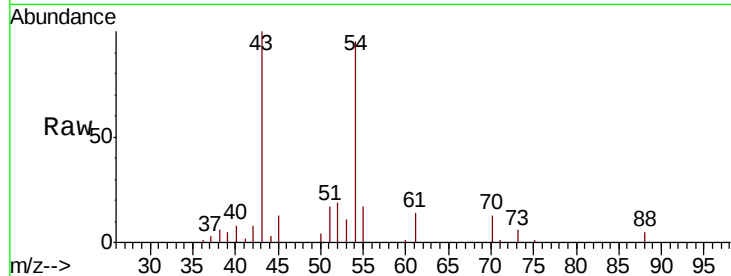
#37
Ethyl Acetate
Concen: 54.265 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 22912
Ion Ratio Lower Upper
43 100
61 13.8 11.2 16.8
70 12.6 9.3 13.9

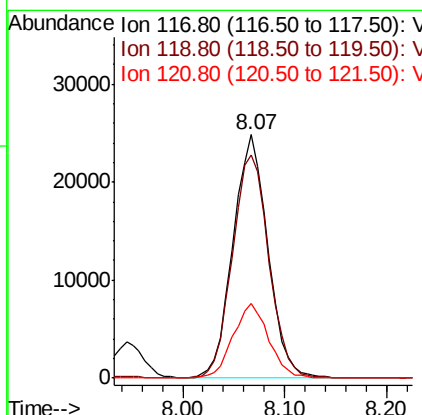
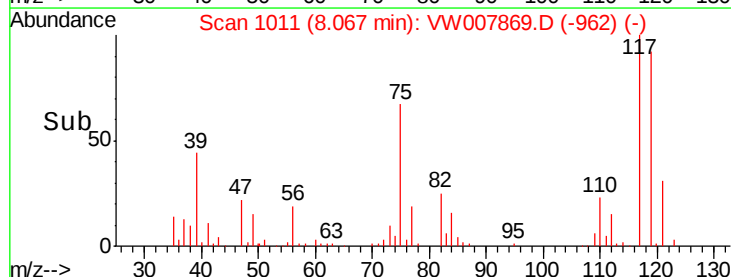
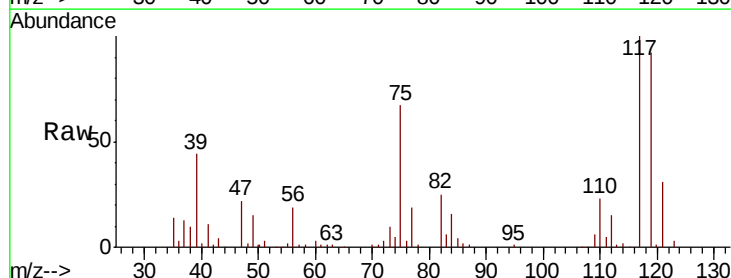
Manual Integrations
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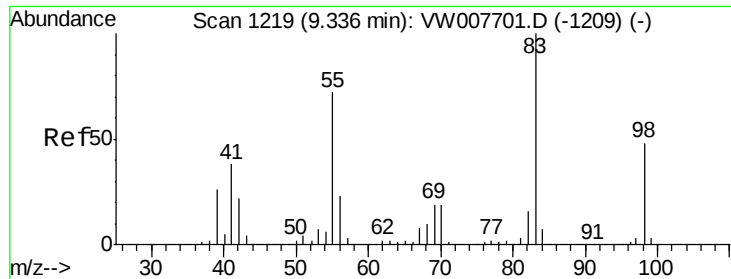
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#38
Carbon Tetrachloride
Concen: 40.837 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion: 117 Resp: 58839
Ion Ratio Lower Upper
117 100
119 91.7 78.2 117.2
121 30.5 26.1 39.1





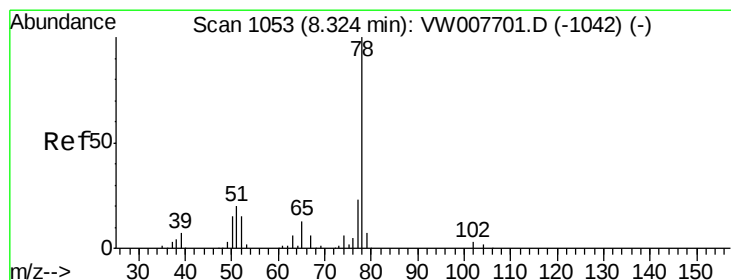
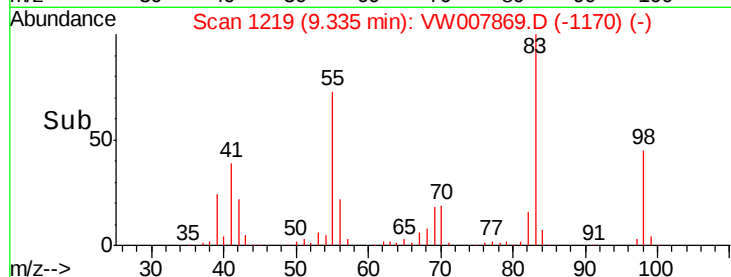
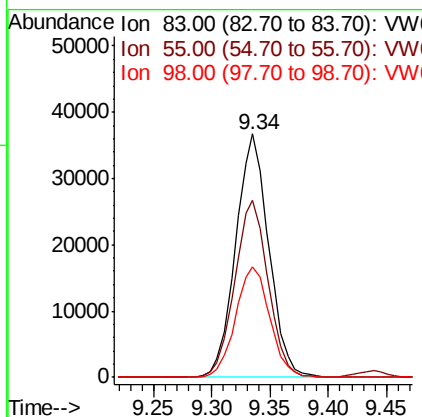
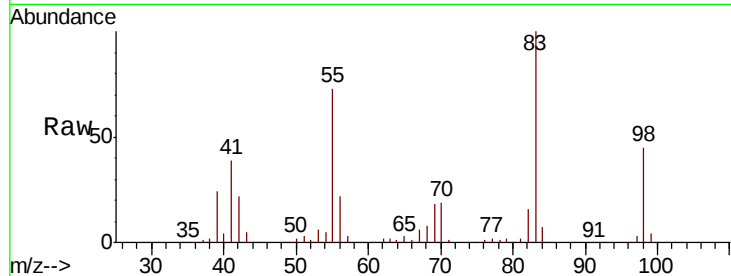
#39
Methylcyclohexane
Concen: 47.790 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.5	57.2	85.8
98	45.4	38.6	58.0

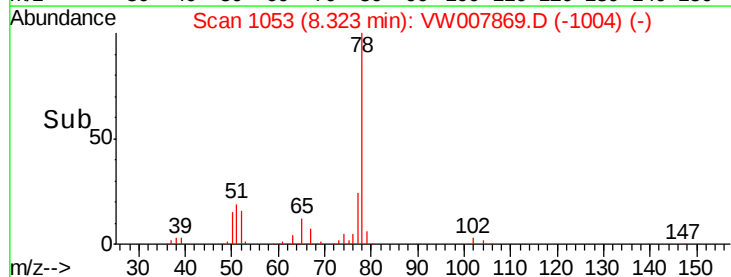
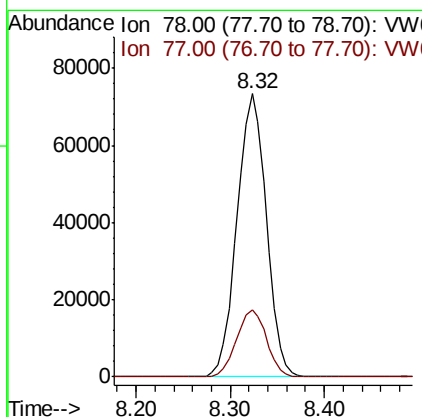
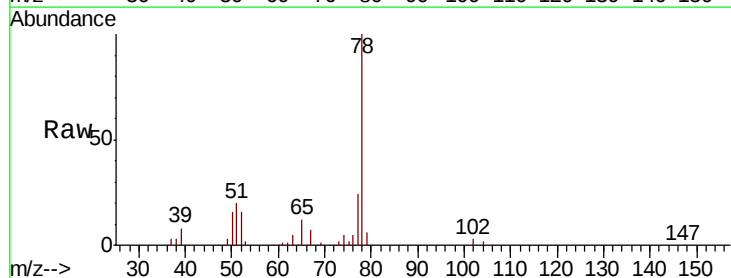
Manual Integrations
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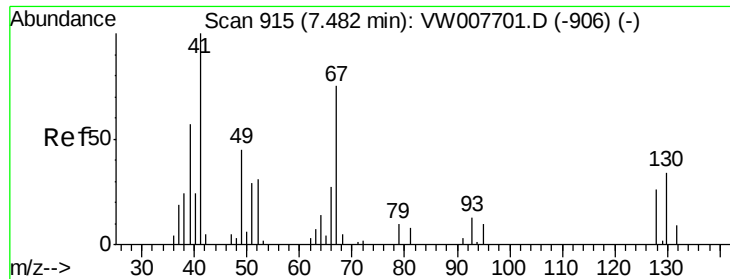
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#40
Benzene
Concen: 48.895 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.7	28.1





#41

Methacrylonitrile

Concen: 65.443 ug/l

RT: 7.48 min Scan# 915

Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 41 Resp: 15688

Ion Ratio Lower Upper

41 100

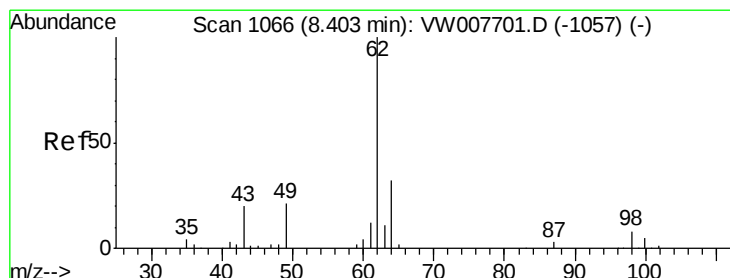
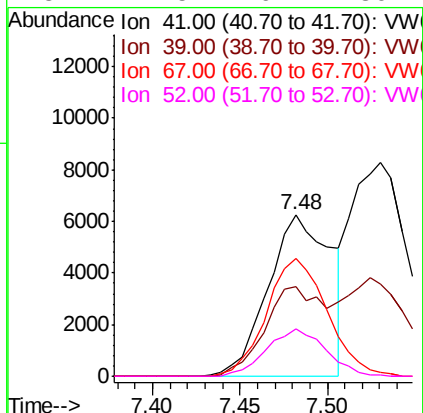
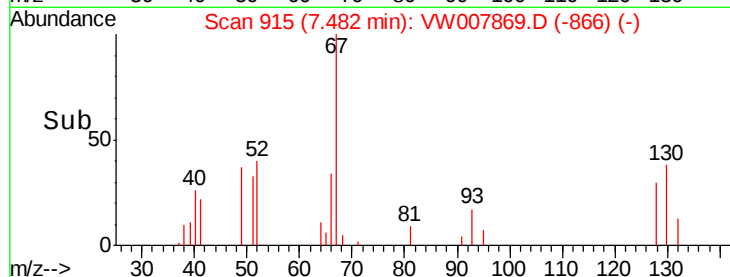
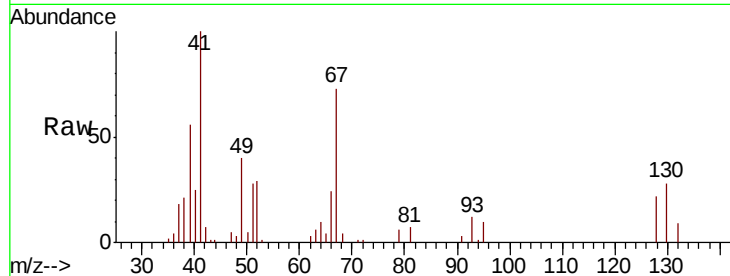
39 51.1 54.2 81.4#

67 70.5 65.7 98.5

52 27.5 26.2 39.4

Manual Integrations
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12/24/2018 3:15:25 PM



#42

1,2-Dichloroethane

Concen: 47.117 ug/l

RT: 8.40 min Scan# 1065

Delta R.T. -0.01 min

Lab File: VW007869.D

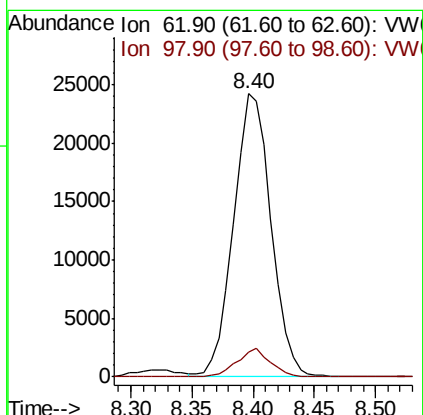
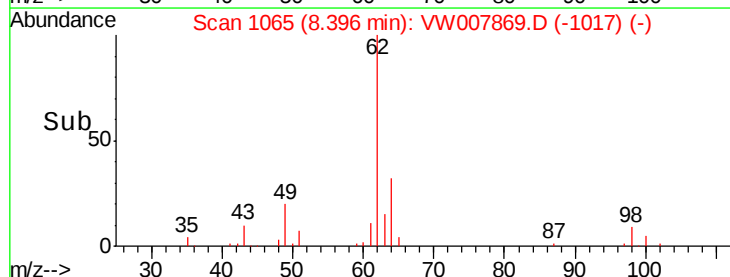
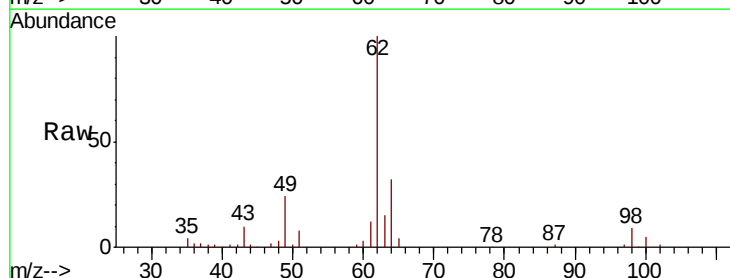
Acq: 23 Dec 2018 03:59

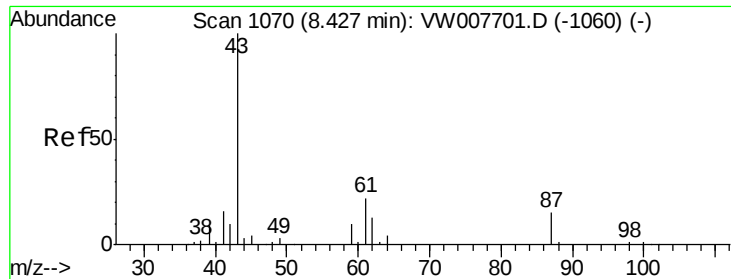
Tgt Ion: 62 Resp: 51549

Ion Ratio Lower Upper

62 100

98 8.9 0.0 16.6





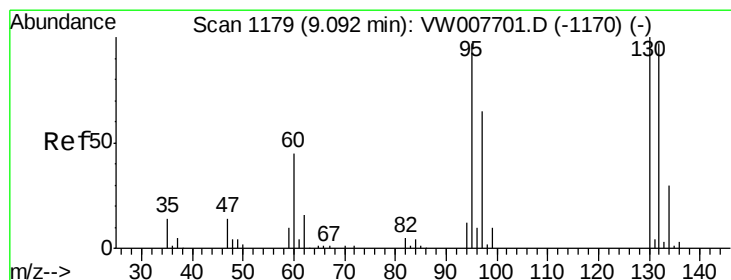
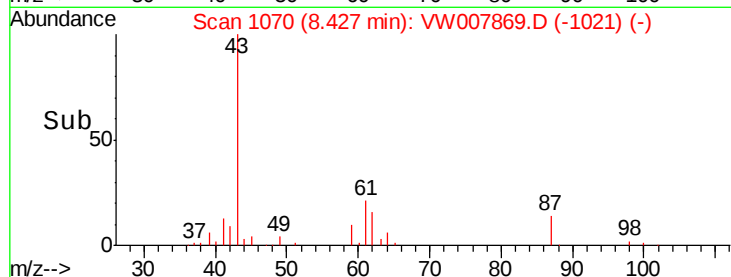
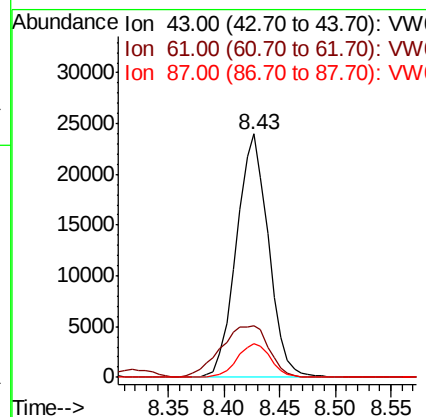
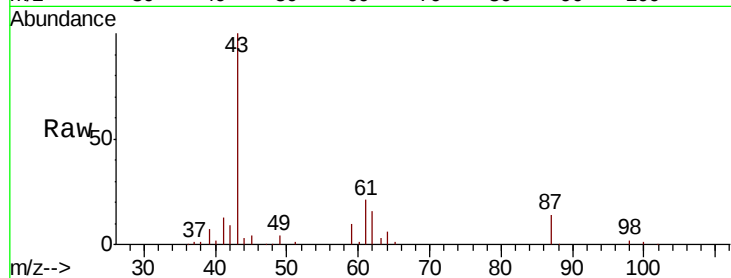
#43
Isopropyl Acetate
Concen: 56.499 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	31.8	26.3	39.5
87	14.3	12.0	18.0

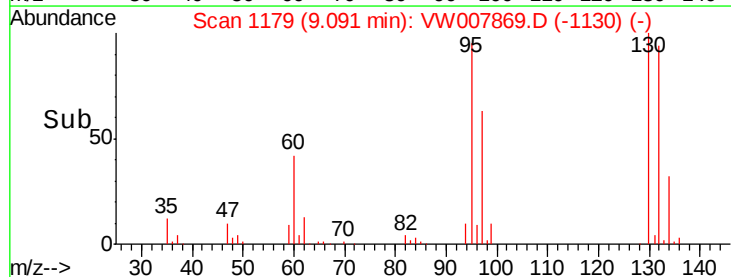
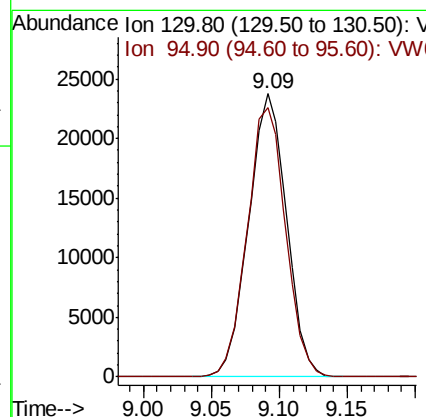
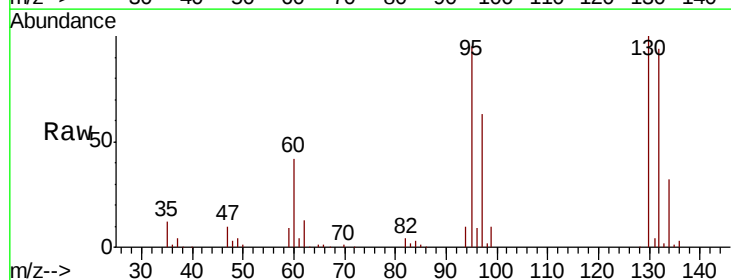
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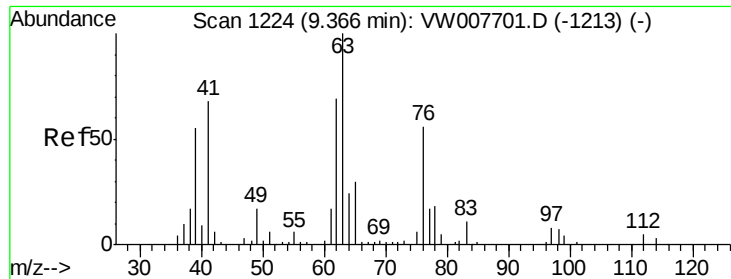
MMDadoda
12/24/2018 3:15:25 PM



#44
Trichloroethene
Concen: 47.041 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Lower	Upper
130	100		
95	95.3	0.0	194.8





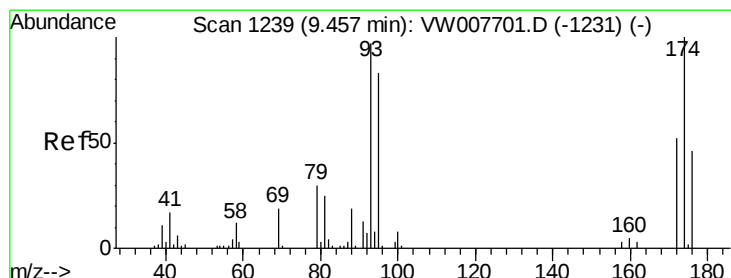
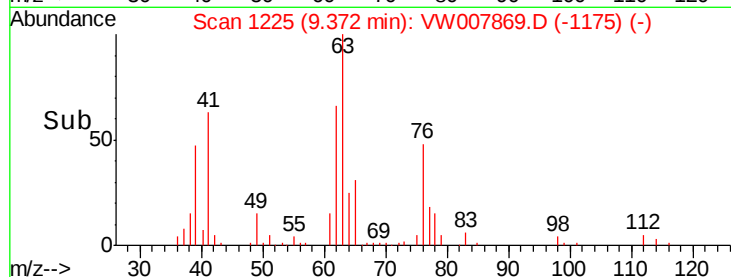
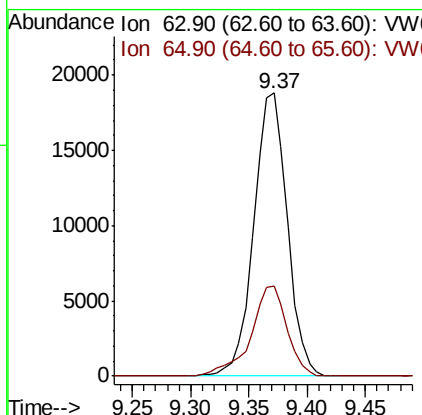
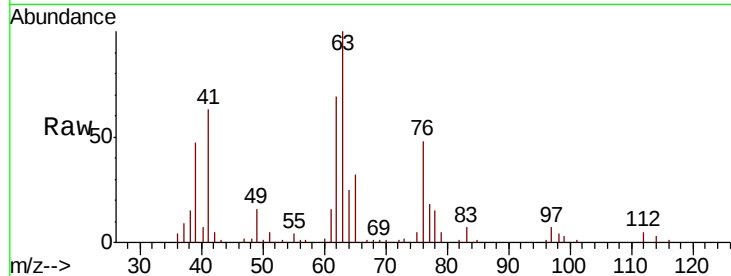
#45
 1,2-Dichloropropane
 Concen: 52.142 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 63 Resp: 37772
 Ion Ratio Lower Upper
 63 100
 65 31.9 23.8 35.8

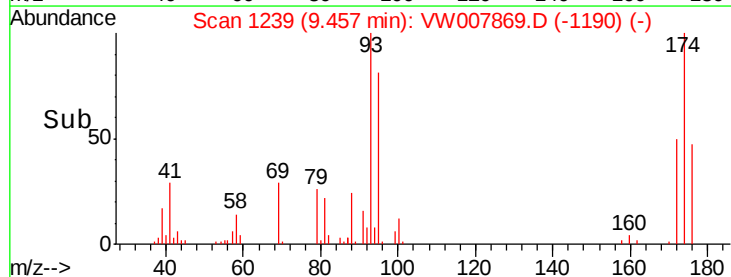
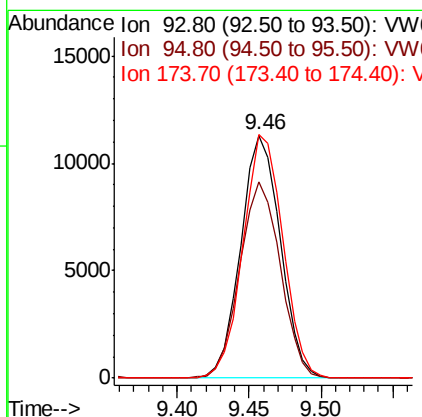
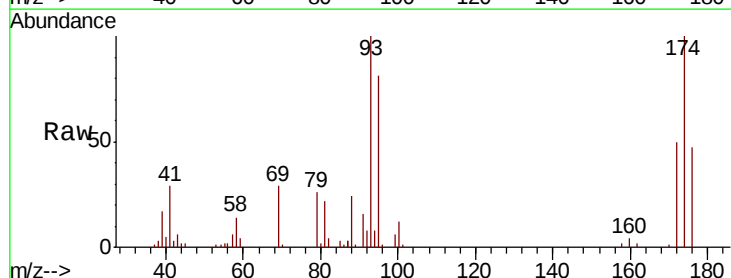
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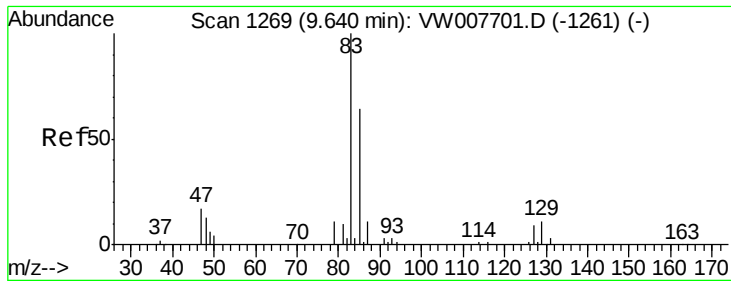
MMDadoda
 12/24/2018 3:15:25 PM



#46
 Dibromomethane
 Concen: 48.327 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion: 93 Resp: 21550
 Ion Ratio Lower Upper
 93 100
 95 82.8 67.5 101.3
 174 100.9 83.9 125.9





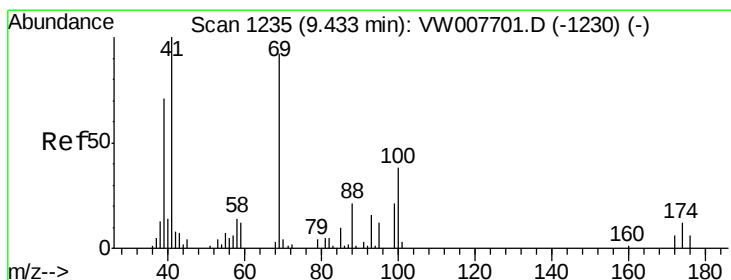
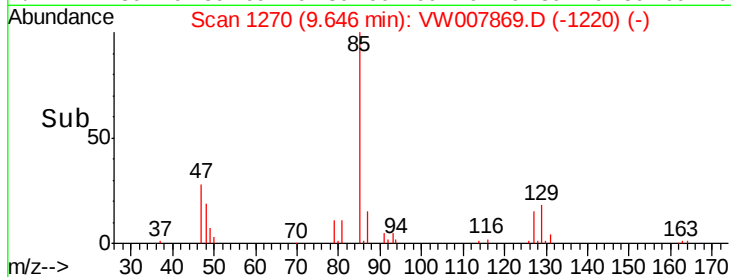
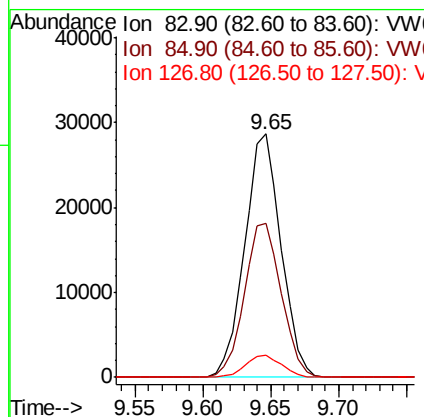
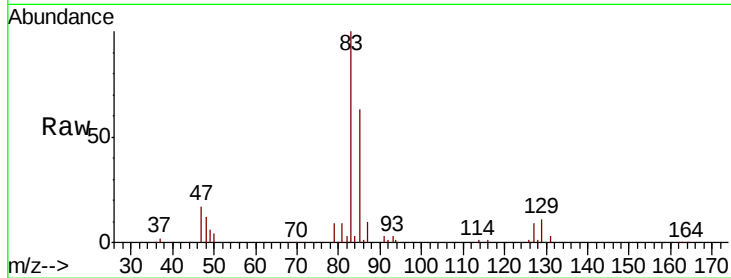
#47
Bromodichloromethane
Concen: 45.751 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	53634		
85	63.1		51.4	77.0
127	9.1		7.5	11.3

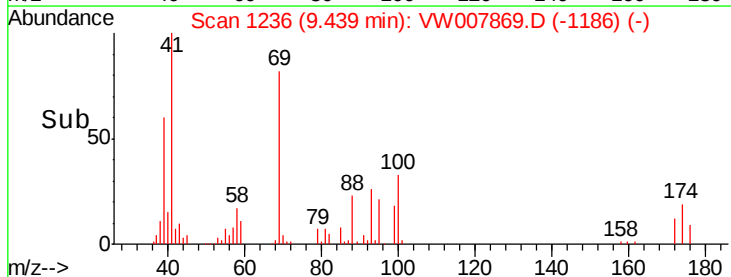
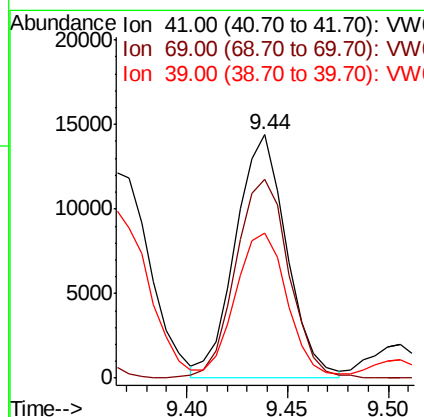
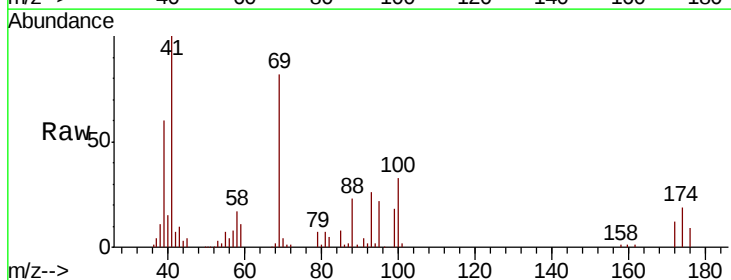
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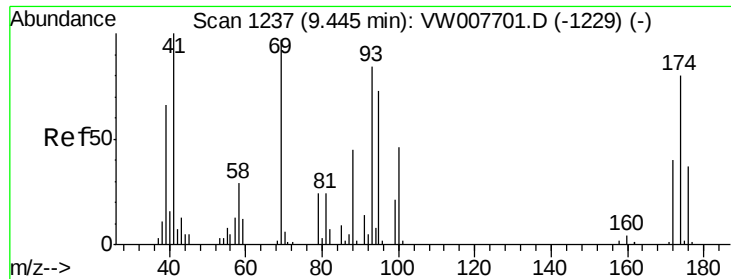
MMDadoda
12/24/2018 3:15:25 PM



#48
Methyl methacrylate
Concen: 60.291 ug/l m
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	25457		
69	85.0		74.2	111.2
39	60.3		53.9	80.9





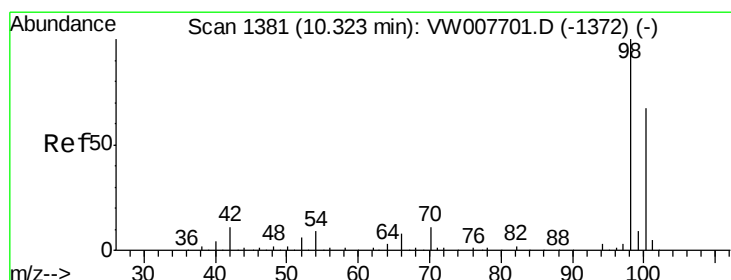
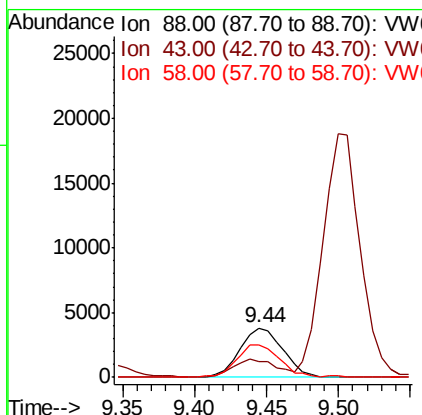
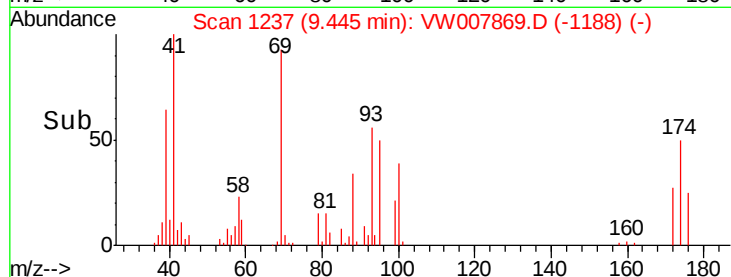
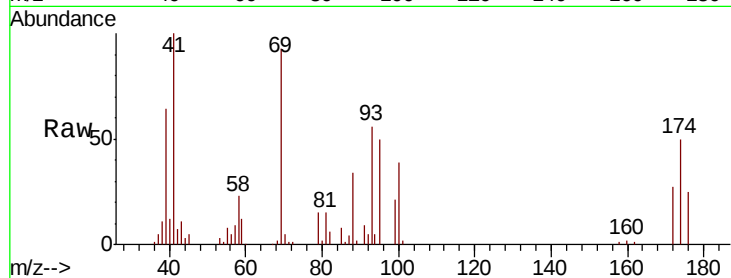
#49
 1,4-Dioxane
 Concen: 1106.232 ug/l
 RT: 9.44 min Scan# 1237
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	37.8	25.6	38.4
58	65.9	52.3	78.5

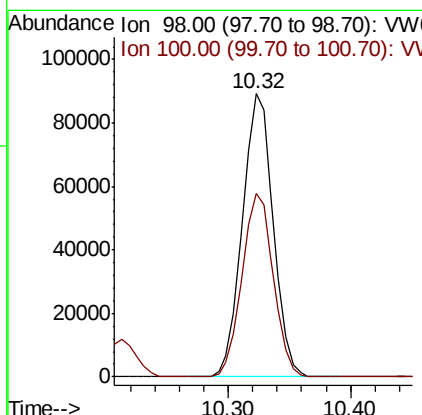
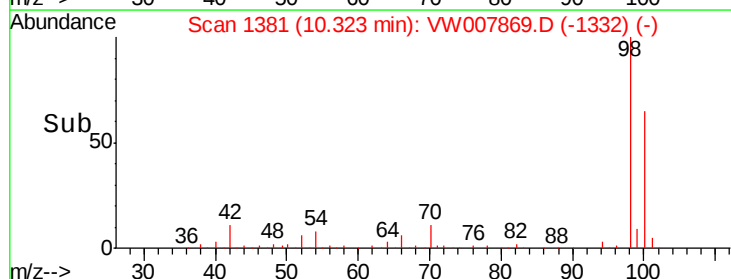
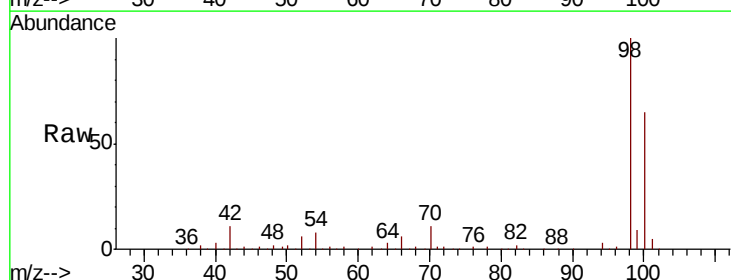
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#50
 Toluene-d8
 Concen: 53.355 ug/l
 RT: 10.32 min Scan# 1381
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.0	52.2	78.2





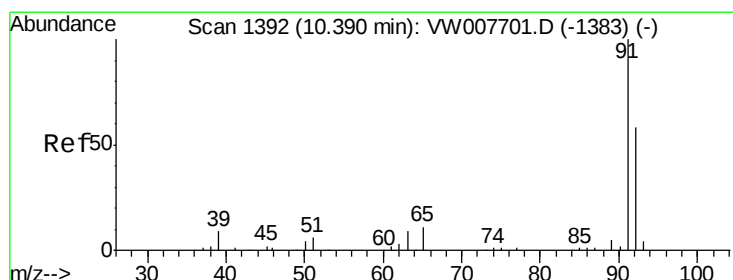
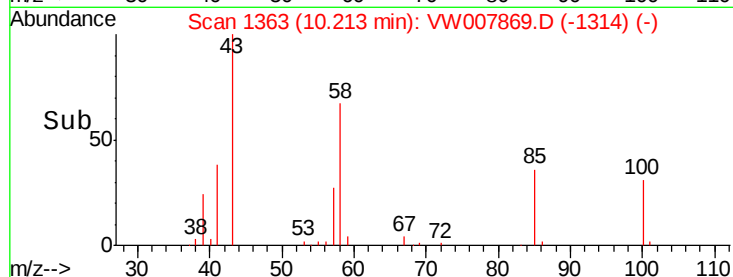
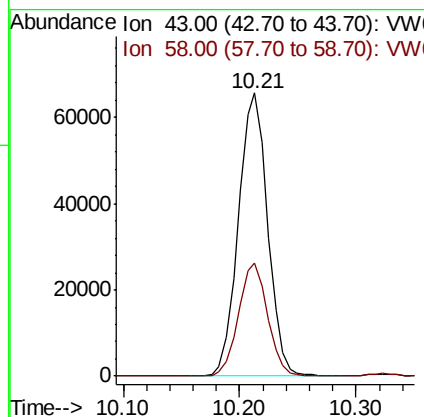
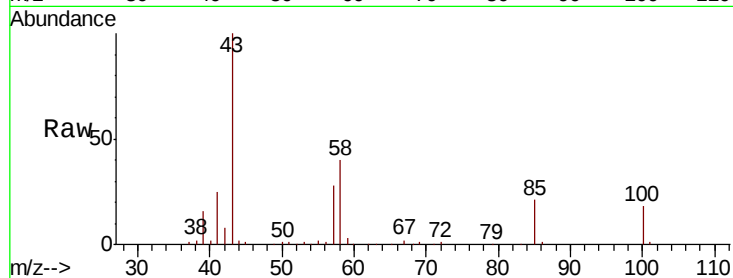
#51
4-Methyl-2-Pentanone
Concen: 287.844 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 115072
Ion Ratio Lower Upper
43 100
58 39.7 33.2 49.8

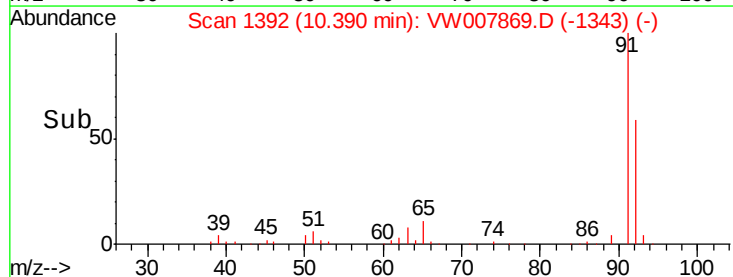
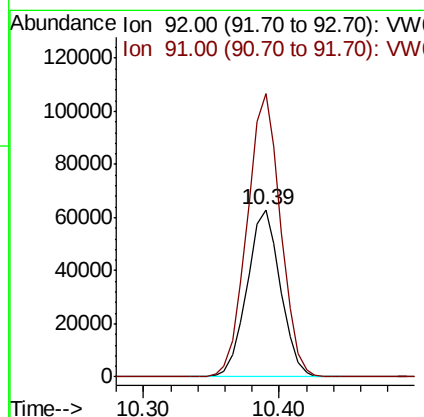
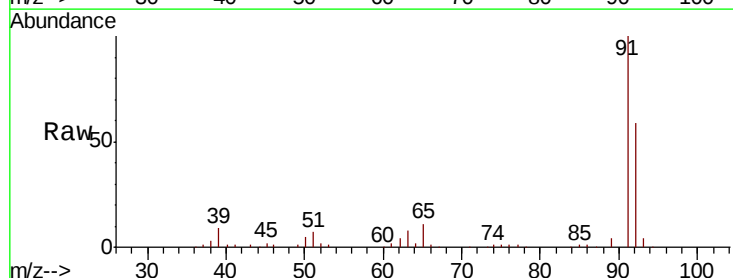
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#52
Toluene
Concen: 49.211 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion: 92 Resp: 107791
Ion Ratio Lower Upper
92 100
91 170.3 137.0 205.4





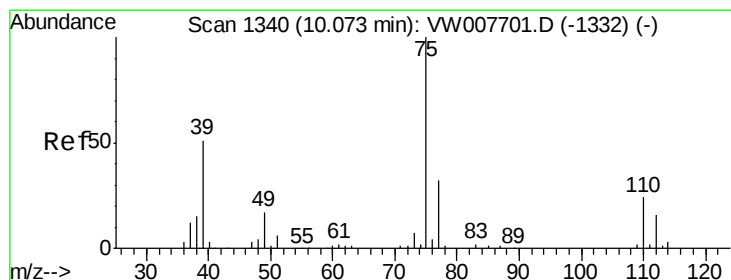
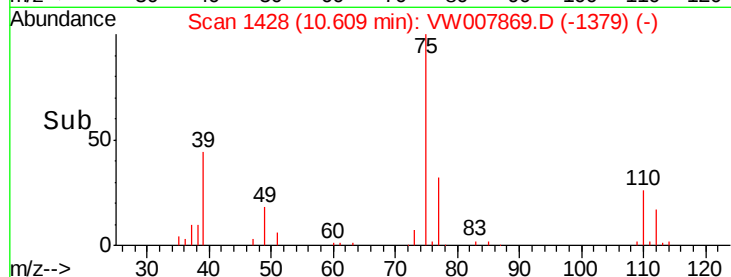
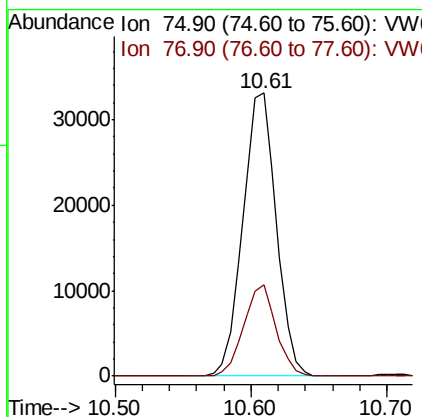
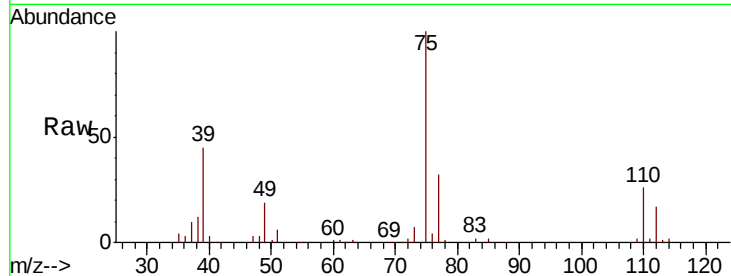
#53
t-1,3-Dichloropropene
Concen: 48.901 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 57021
Ion Ratio Lower Upper
75 100
77 32.3 25.2 37.8

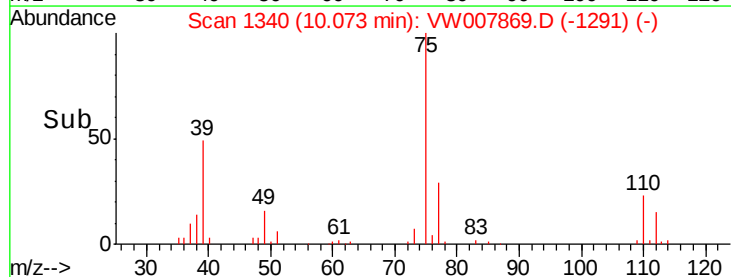
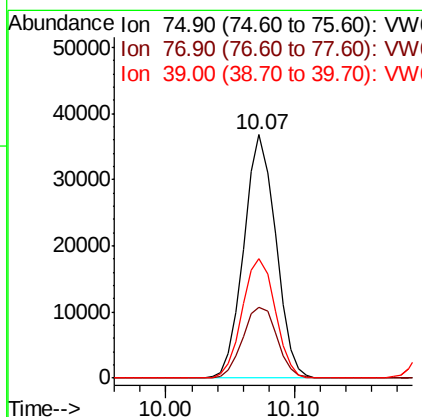
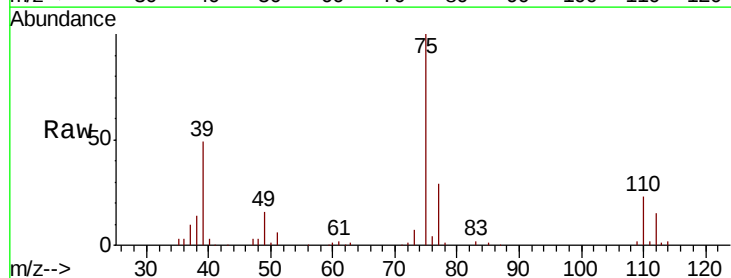
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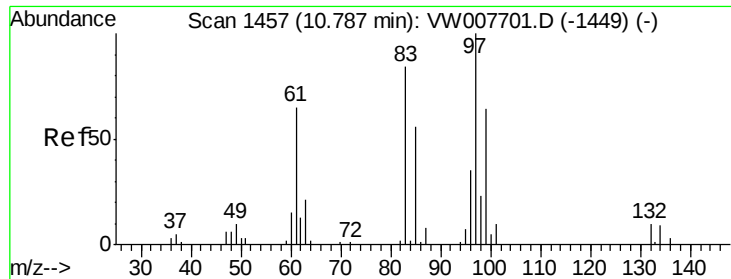
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#54
cis-1,3-Dichloropropene
Concen: 49.116 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion: 75 Resp: 63261
Ion Ratio Lower Upper
75 100
77 29.0 25.5 38.3
39 48.9 41.2 61.8





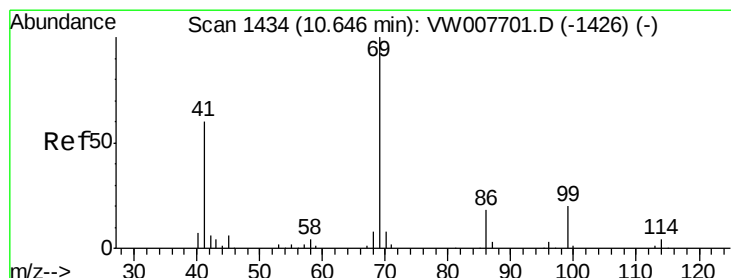
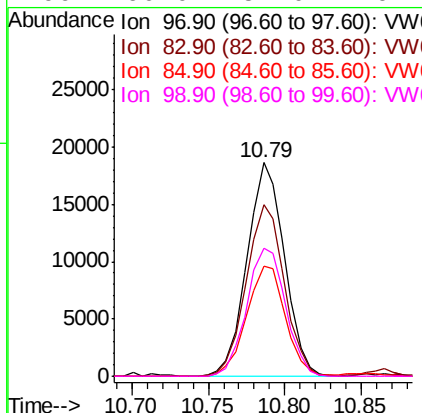
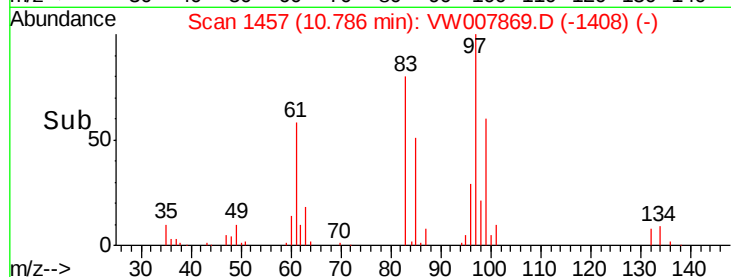
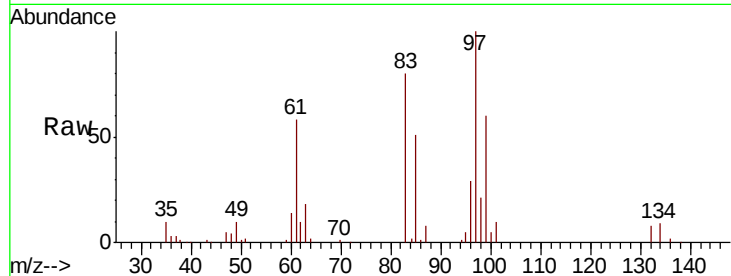
#55
 1,1,2-Trichloroethane
 Concen: 51.589 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:	97	Resp:	31714
Ion	Ratio	Lower	Upper
97	100		
83	80.2	67.5	101.3
85	51.3	44.8	67.2
99	60.0	51.0	76.4

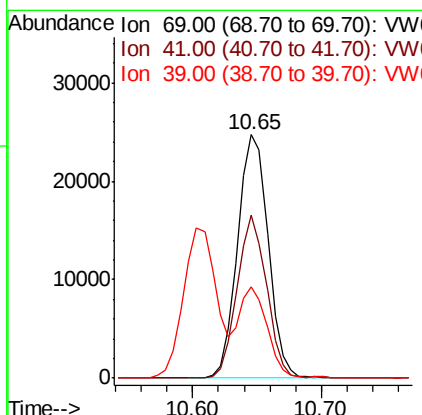
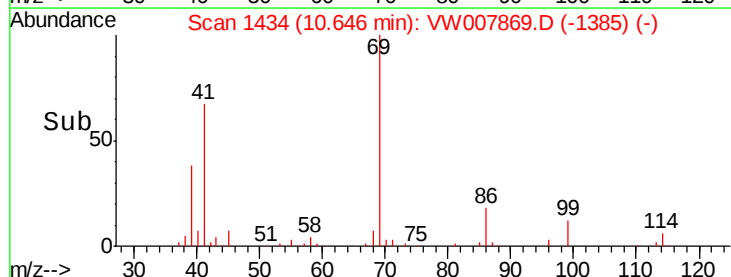
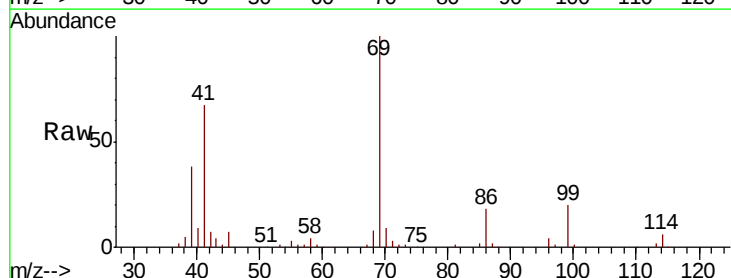
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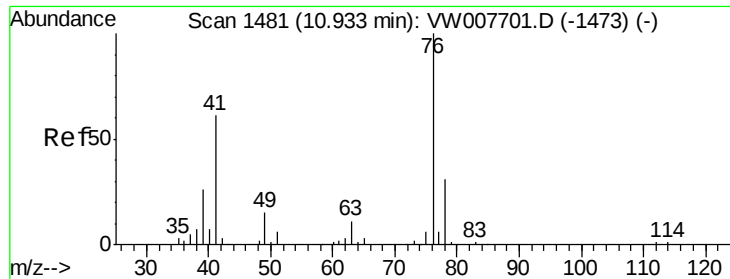
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 12/24/2018 3:15:25 PM



#56
 Ethyl methacrylate
 Concen: 56.039 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion:	69	Resp:	40703
Ion	Ratio	Lower	Upper
69	100		
41	64.9	48.9	73.3
39	34.5	31.3	46.9





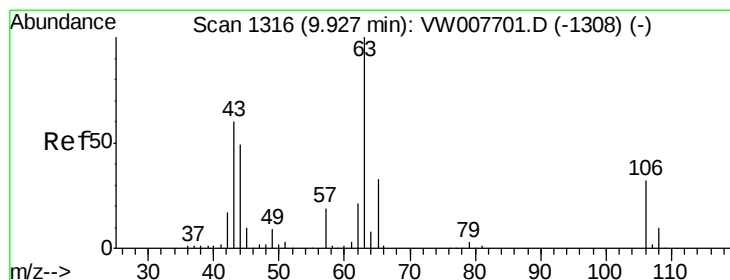
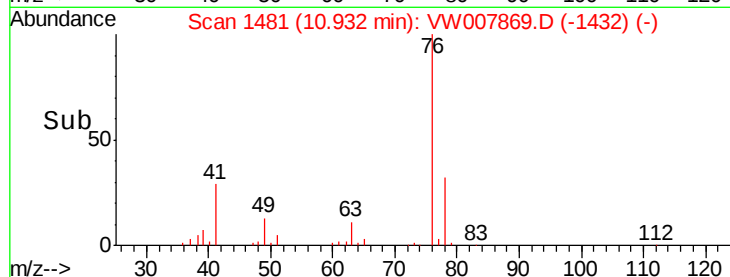
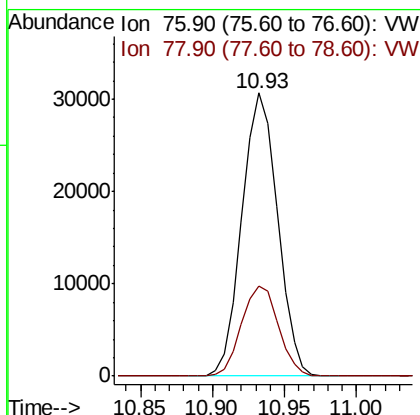
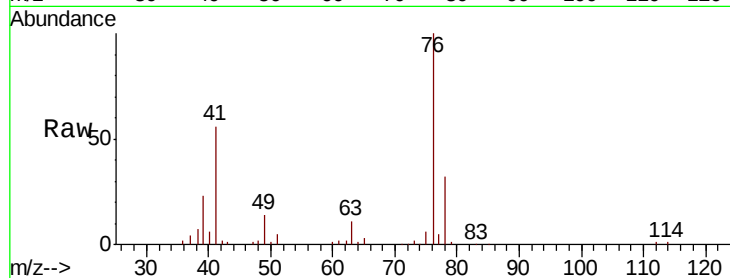
#57
 1,3-Dichloropropane
 Concen: 51.639 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 76 Resp: 52714
 Ion Ratio Lower Upper
 76 100
 78 33.1 26.2 39.2

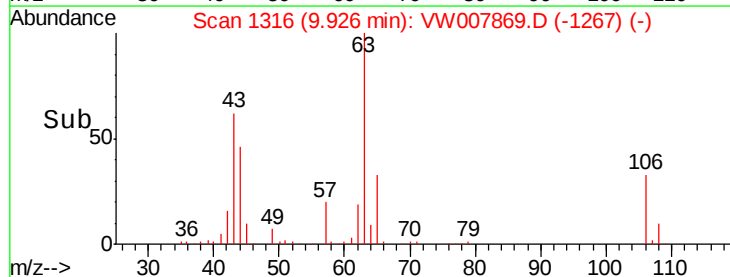
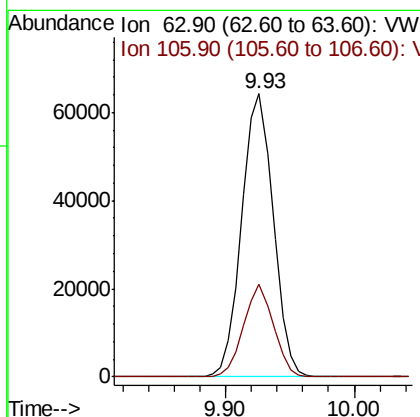
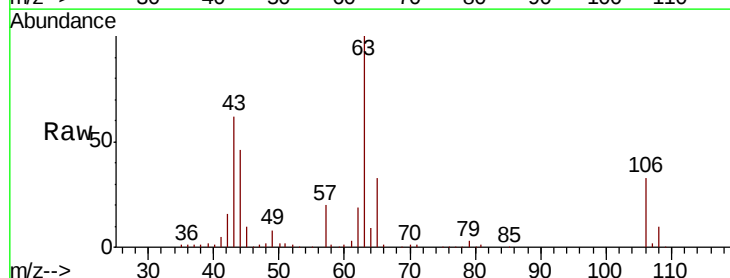
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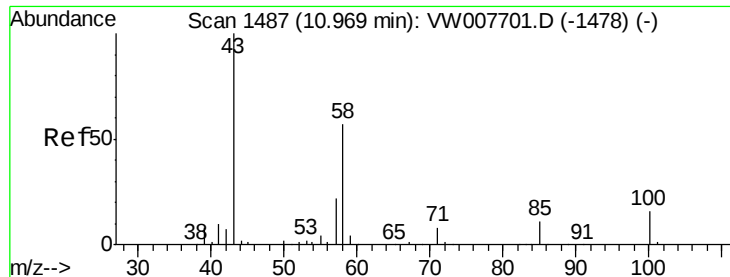
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#58
 2-Chloroethyl Vinyl ether
 Concen: 328.414 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion: 63 Resp: 108909
 Ion Ratio Lower Upper
 63 100
 106 30.8 25.9 38.9





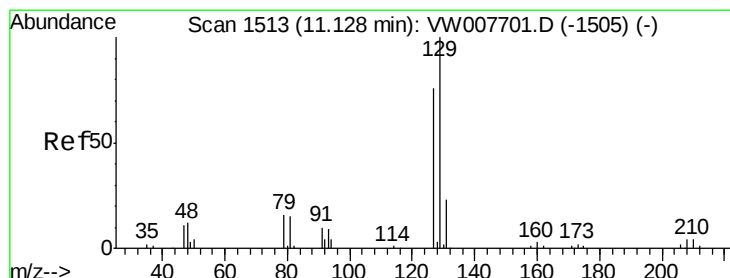
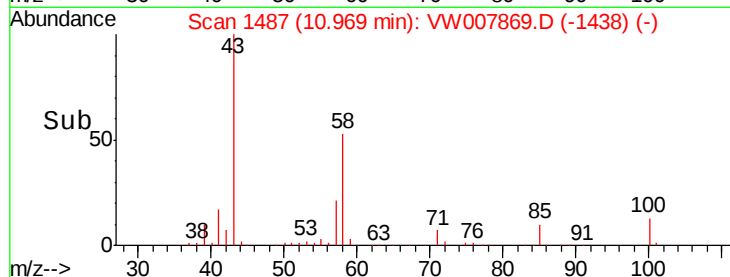
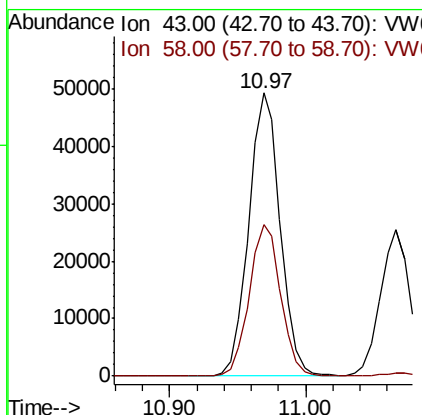
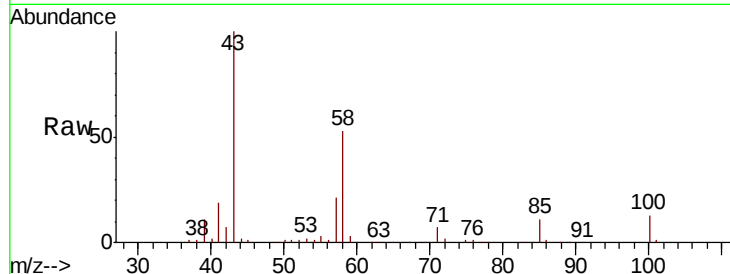
#59
2-Hexanone
Concen: 283.007 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 79567
Ion Ratio Lower Upper
43 100
58 53.7 27.7 83.1

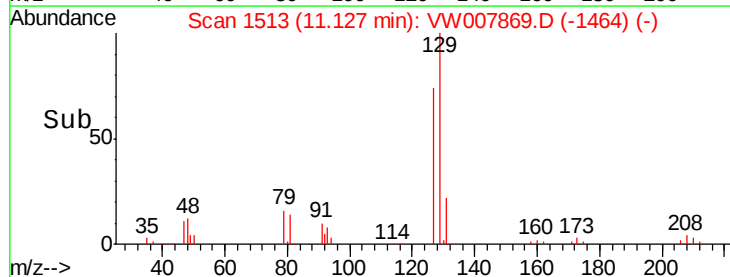
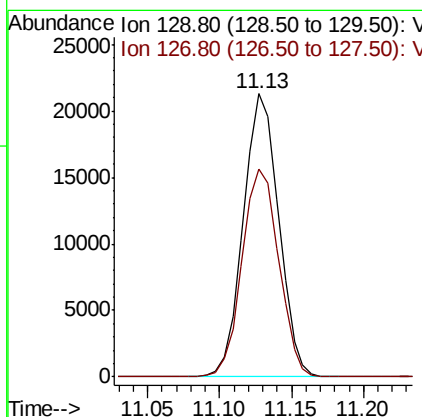
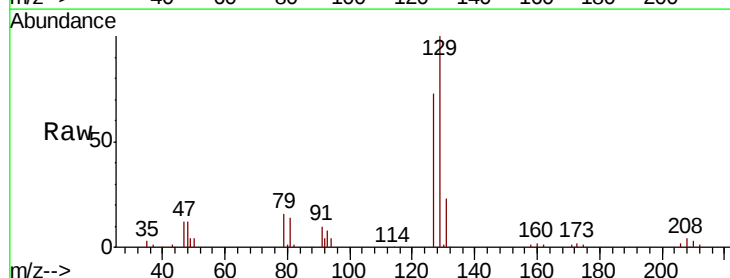
Manual Integrations
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#60
Dibromochloromethane
Concen: 44.514 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion: 129 Resp: 36233
Ion Ratio Lower Upper
129 100
127 76.1 38.3 114.9





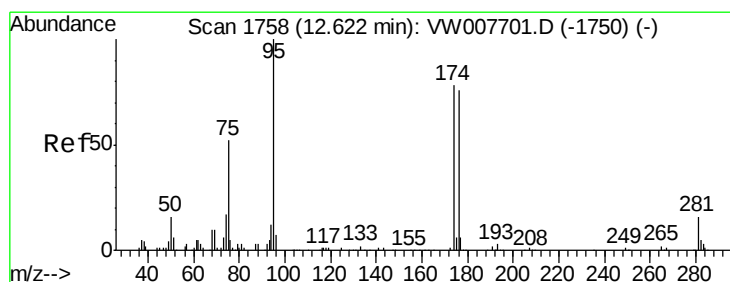
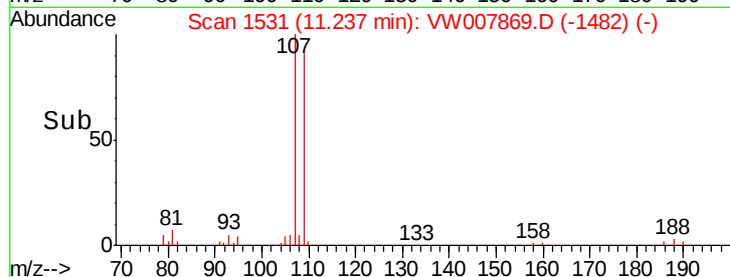
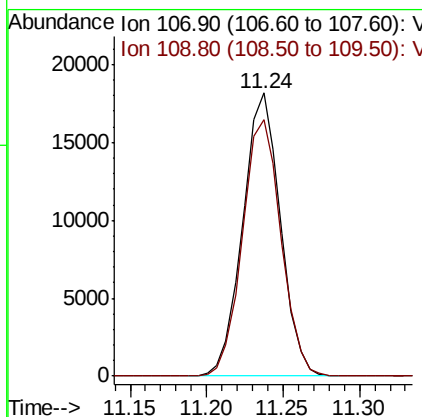
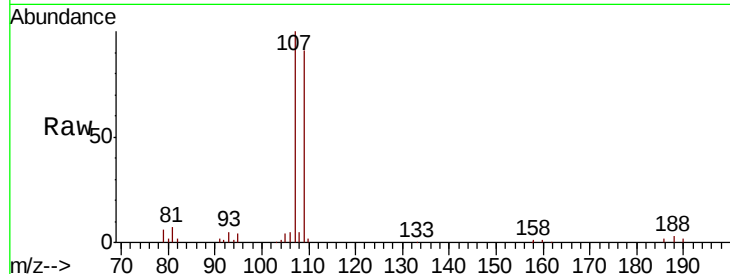
#61
 1,2-Dibromoethane
 Concen: 49.800 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 107 Resp: 31002
 Ion Ratio Lower Upper
 107 100
 109 92.9 75.4 113.0

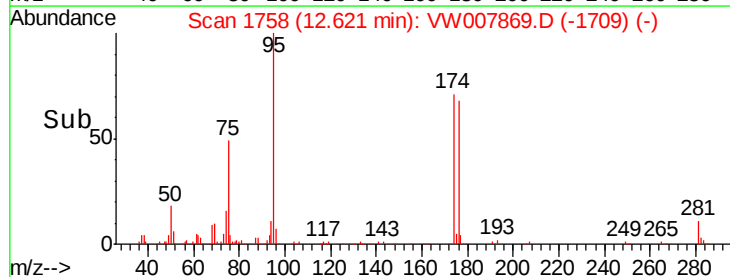
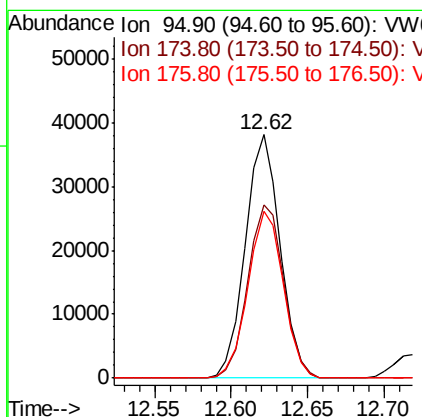
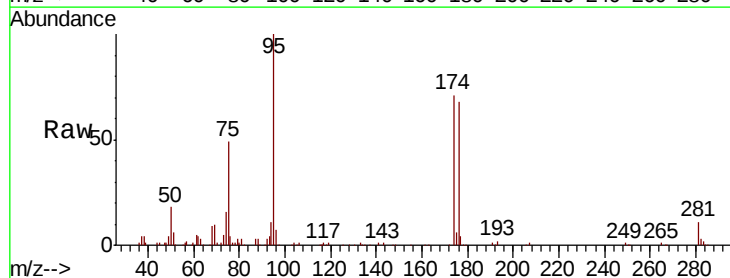
Manual Integrations
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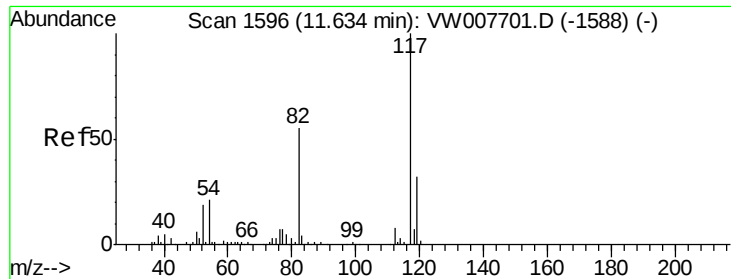
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#62
 4-Bromofluorobenzene
 Concen: 53.489 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion: 95 Resp: 60239
 Ion Ratio Lower Upper
 95 100
 174 73.7 0.0 152.2
 176 69.8 0.0 146.8





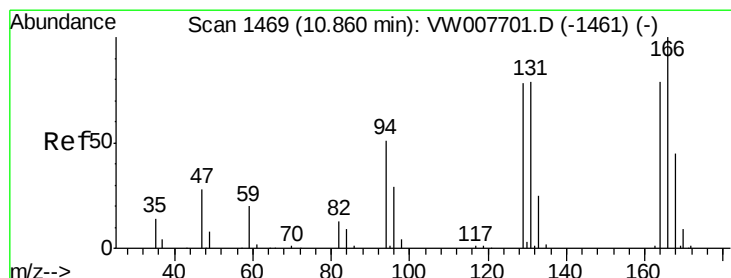
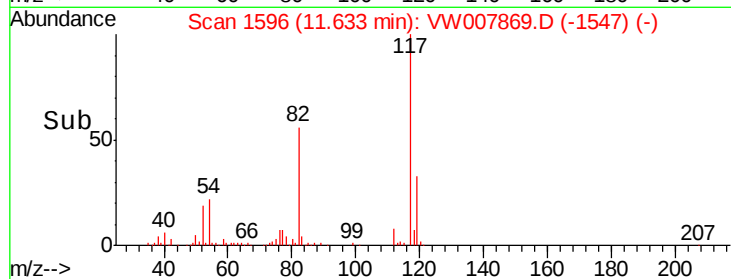
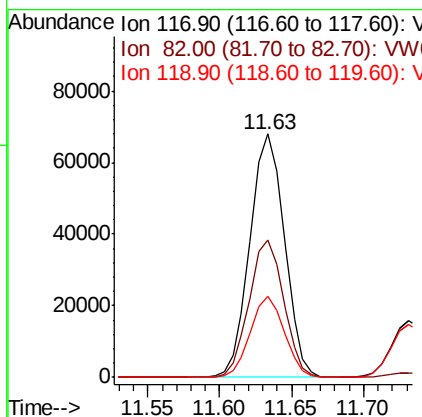
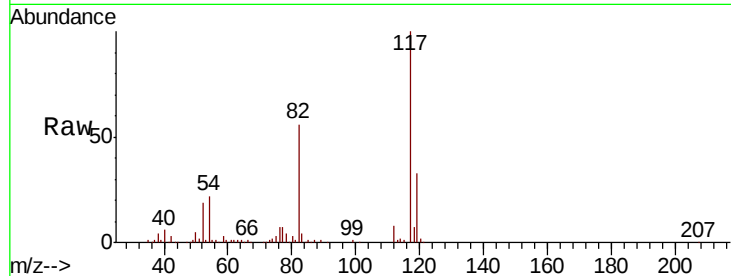
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	113036		
82	56.3	44.3	66.5	
119	33.3	25.7	38.5	

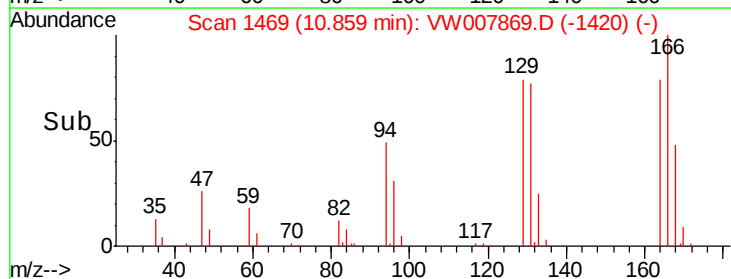
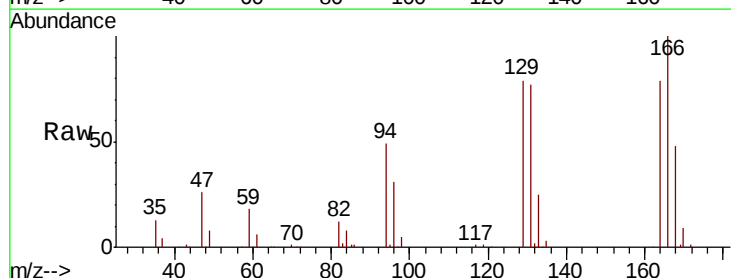
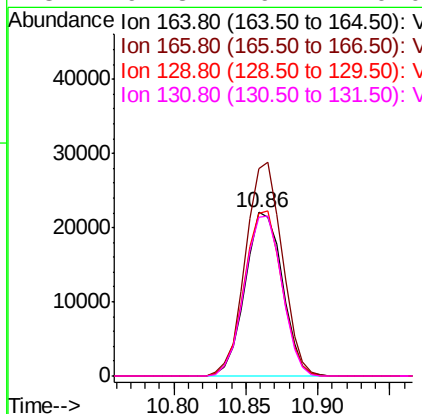
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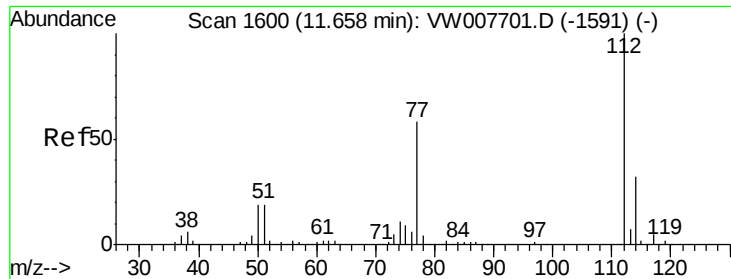
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#64
Tetrachloroethene
Concen: 49.469 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	39597		
166	126.6	101.0	151.6	
129	99.5	78.7	118.1	
131	97.3	79.4	119.0	





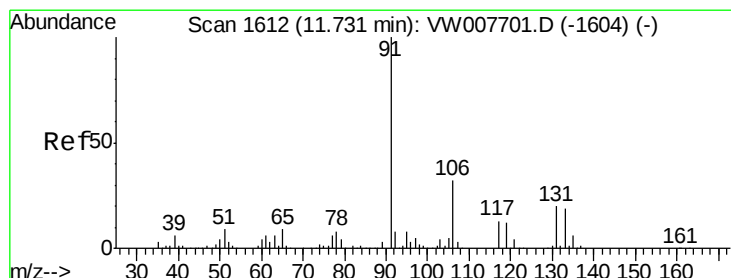
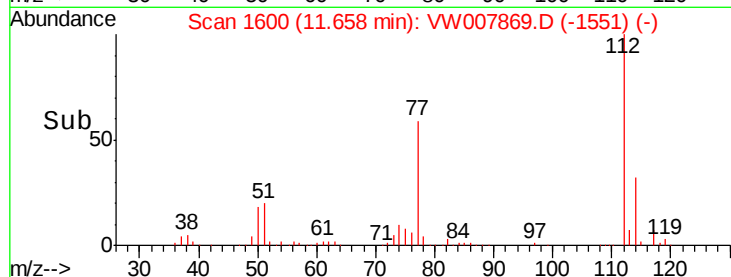
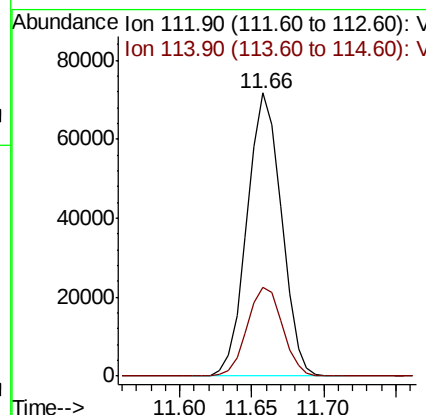
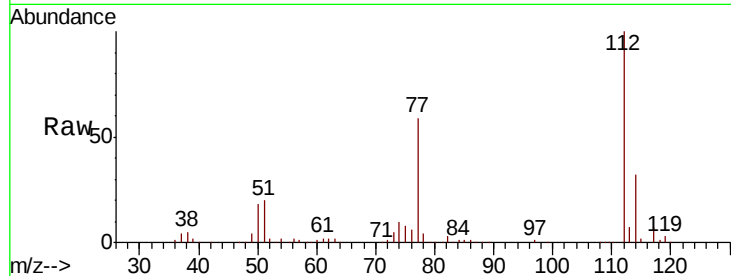
#65
Chlorobenzene
Concen: 48.507 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 118677
Ion Ratio Lower Upper
112 100
114 31.6 25.2 37.8

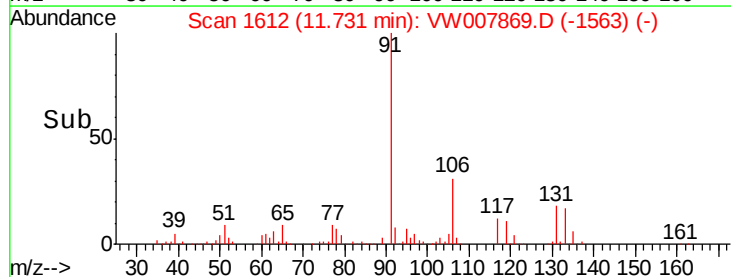
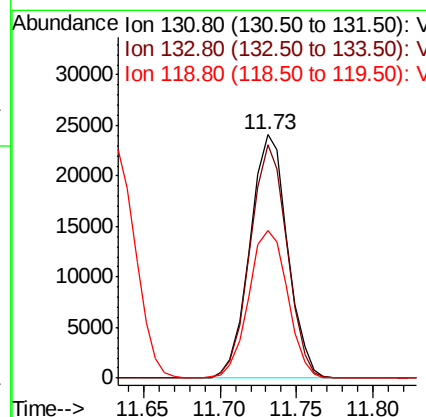
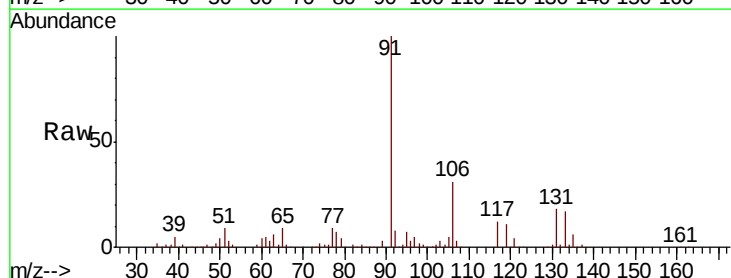
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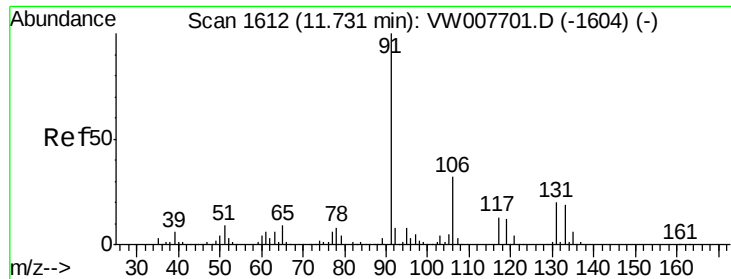
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#66
1,1,1,2-Tetrachloroethane
Concen: 47.203 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion:131 Resp: 41265
Ion Ratio Lower Upper
131 100
133 94.2 47.5 142.5
119 62.5 30.2 90.6





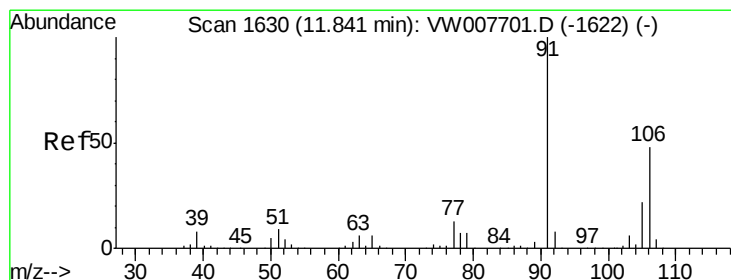
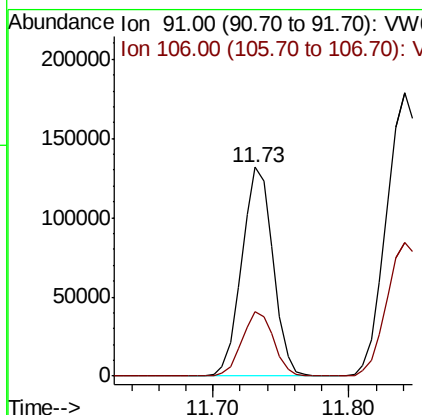
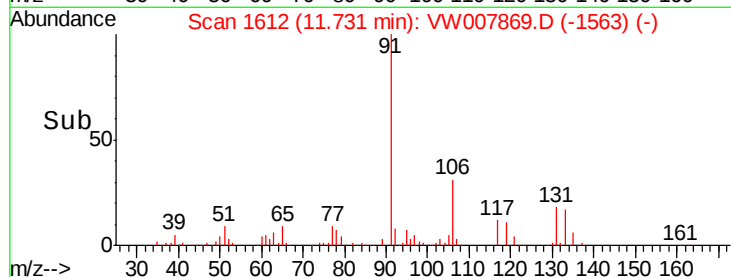
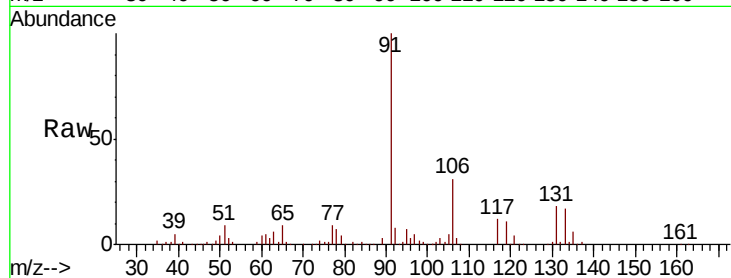
#67
Ethyl Benzene
Concen: 50.348 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 211376
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.8

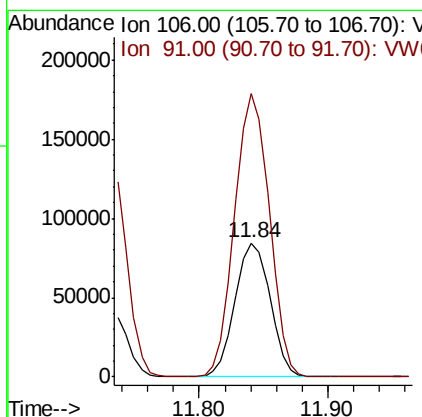
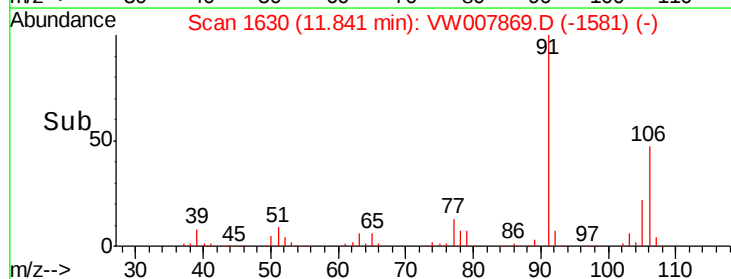
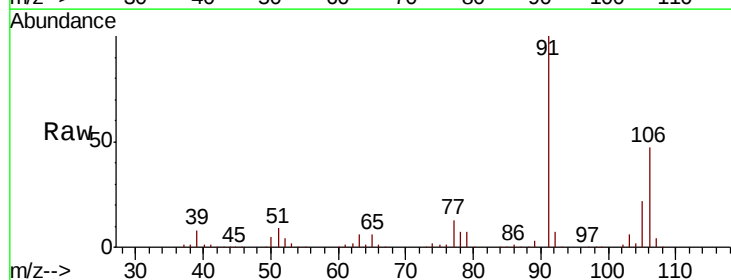
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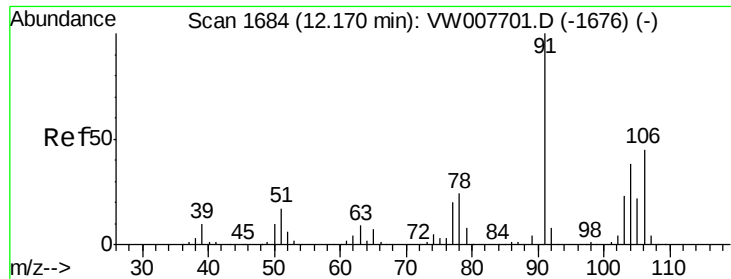
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#68
m/p-Xylenes
Concen: 98.522 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion: 106 Resp: 160452
Ion Ratio Lower Upper
106 100
91 209.5 165.2 247.8





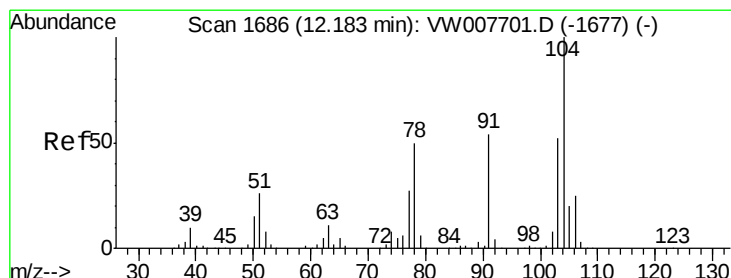
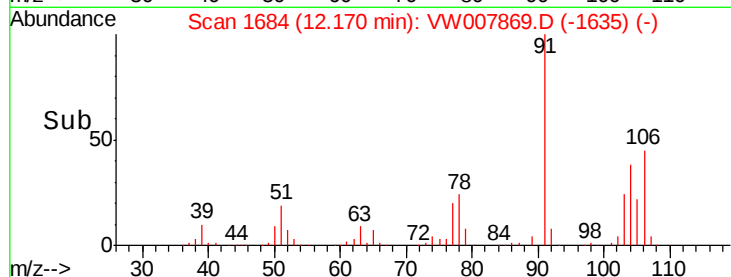
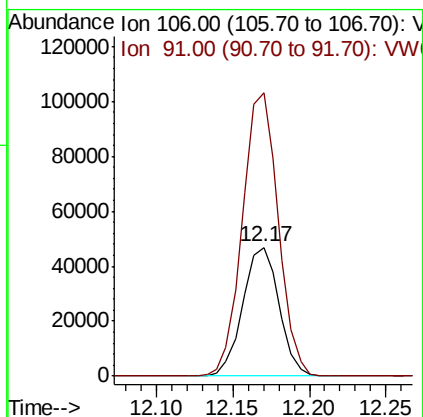
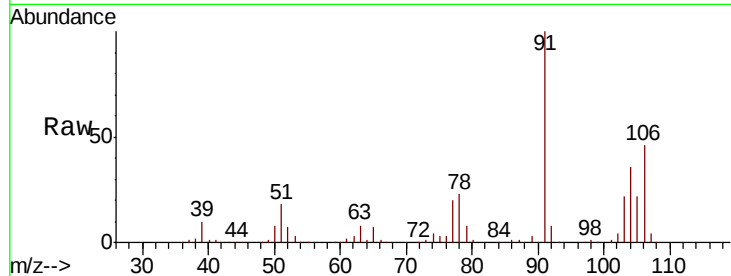
#69
o-Xylene
Concen: 50.700 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 77399
Ion Ratio Lower Upper
106 100
91 217.3 110.5 331.4

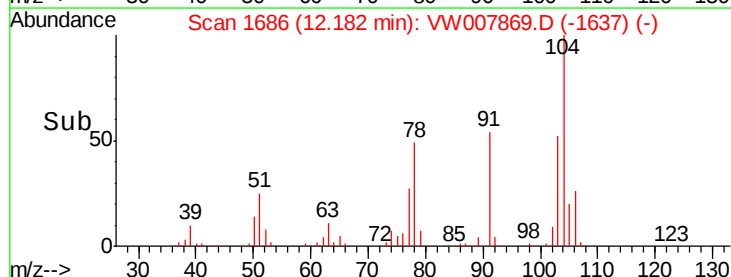
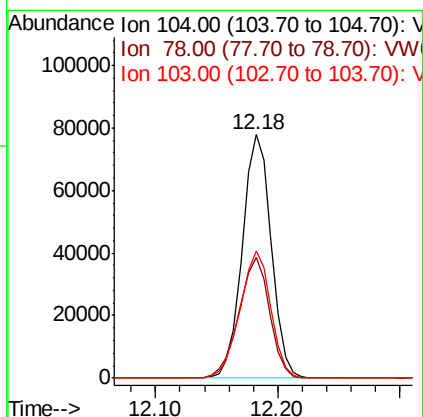
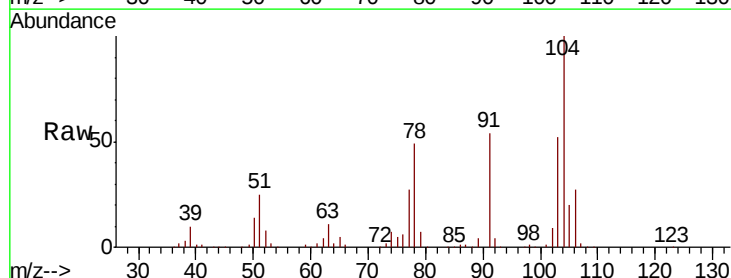
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#70
Styrene
Concen: 50.766 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion:104 Resp: 127393
Ion Ratio Lower Upper
104 100
78 52.8 43.4 65.0
103 55.5 44.5 66.7





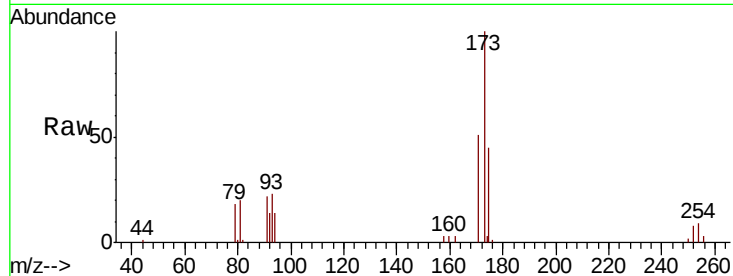
#71
Bromoform
Concen: 42.583 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.01 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
173	100		
175	47.7	23.9	71.7
254	0.0	0.0	0.0

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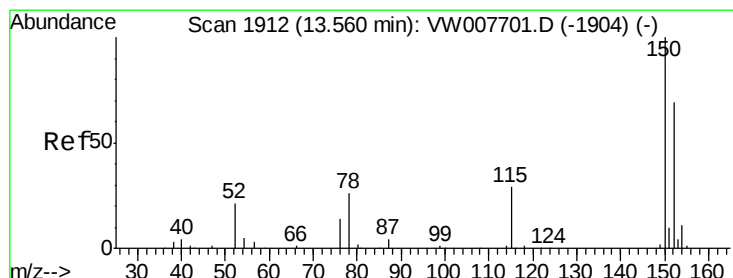
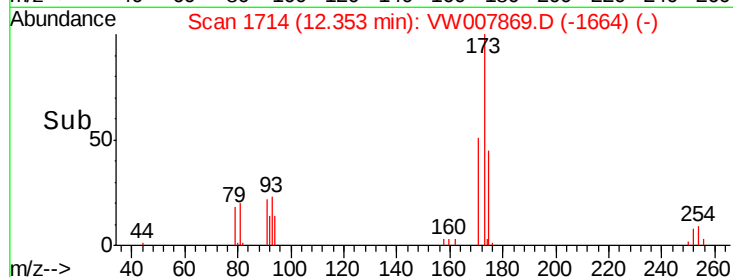
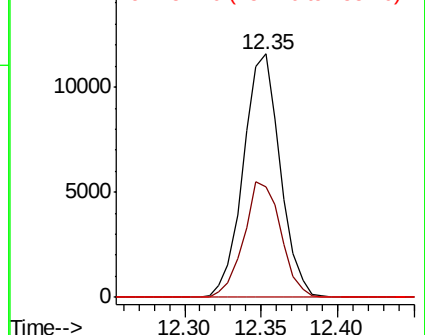


Abundance

Ion 172.70 (172.40 to 173.40): V

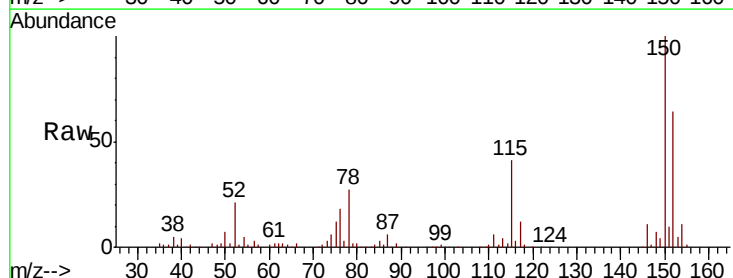
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.8	95.4
150	170.0	0.0	350.8

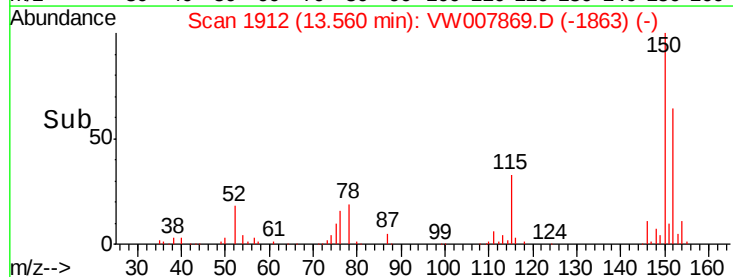
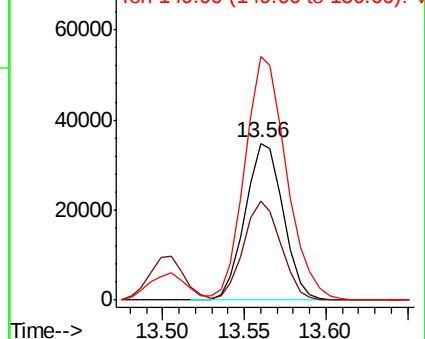


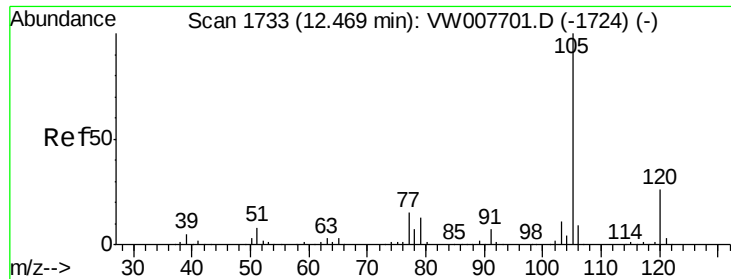
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.866 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Instrument :

MSVOA_W

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 217877

Ion Ratio Lower Upper

105 100

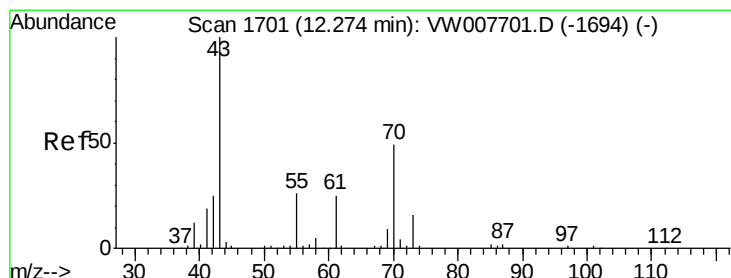
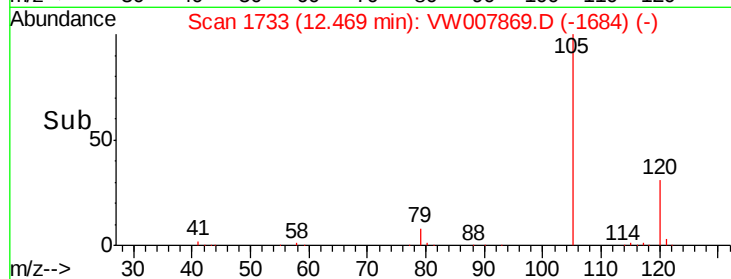
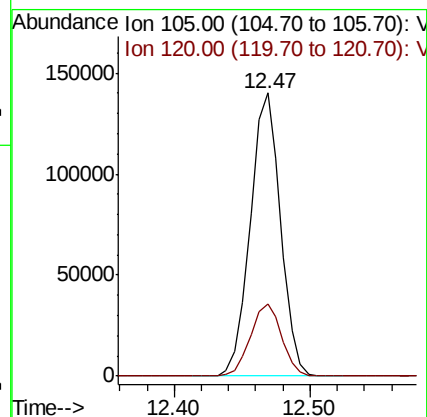
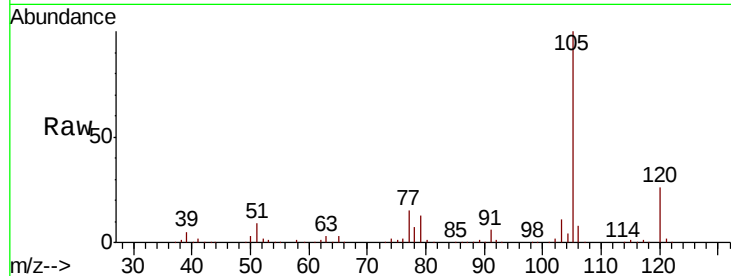
120 26.3 13.1 39.3

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#74

N-ethyl acetate

Concen: 59.113 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Tgt Ion: 43 Resp: 43859

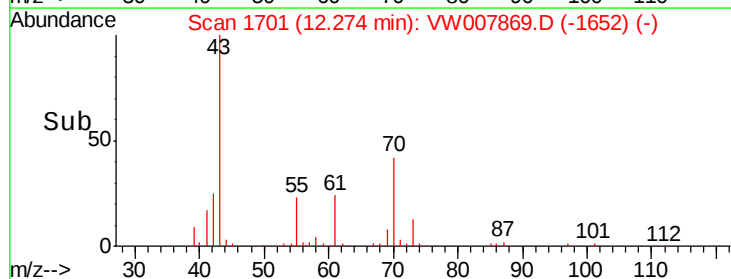
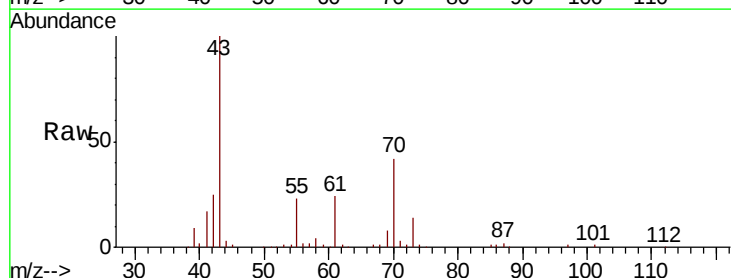
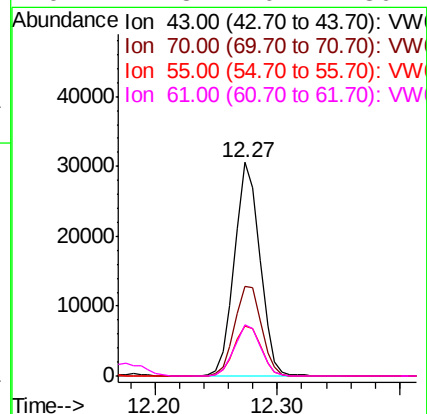
Ion Ratio Lower Upper

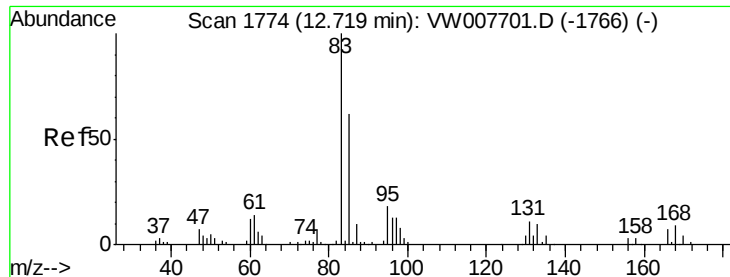
43 100

70 44.6 37.6 56.4

55 24.9 21.7 32.5

61 24.8 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.406 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Instrument :

MSVOA_W

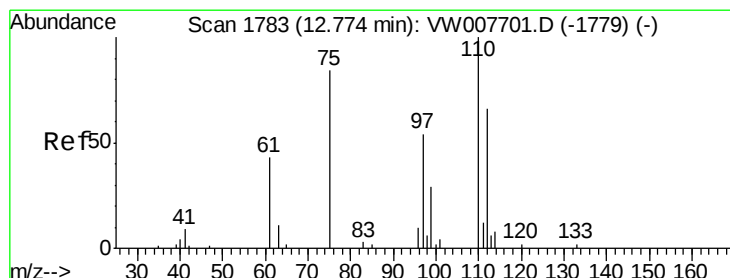
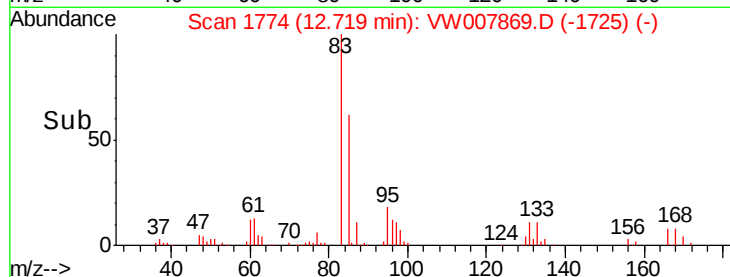
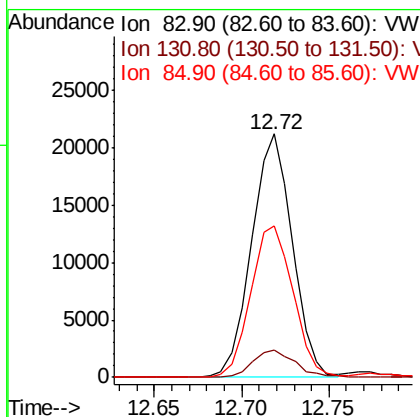
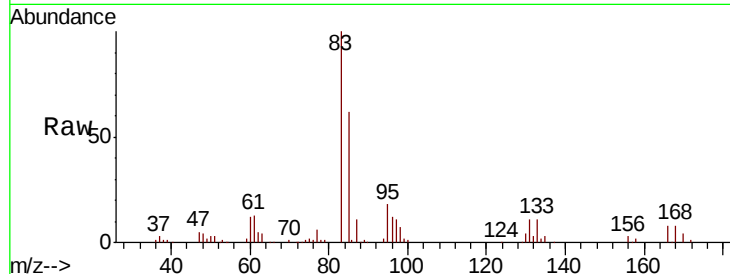
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	34299
Ion Ratio	Lower	Upper	
83	100		
131	11.9	6.3	18.8
85	64.6	32.3	96.8

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 61.601 ug/l m

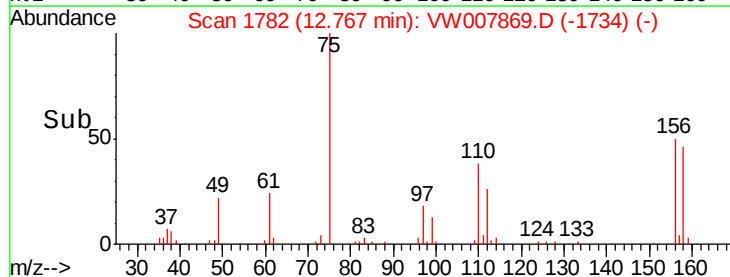
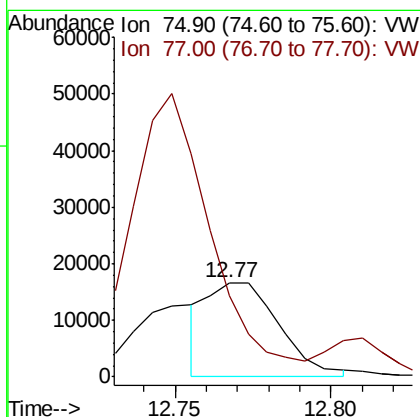
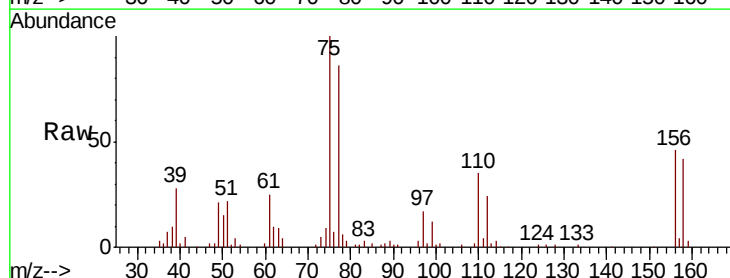
RT: 12.77 min Scan# 1782

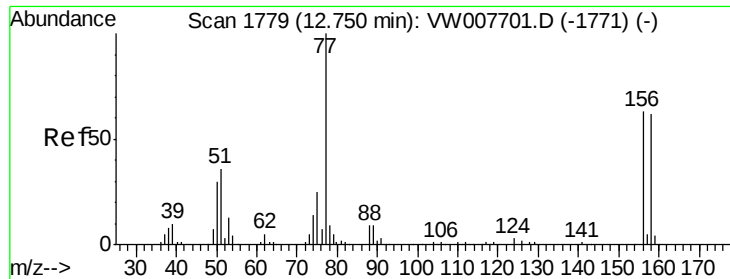
Delta R.T. -0.01 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Tgt Ion:	75	Resp:	26980
Ion Ratio	Lower	Upper	
75	100		
77	333.4	0.0	0.0#





#77

Bromobenzene

Concen: 48.966 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Instrument :

MSVOA_W

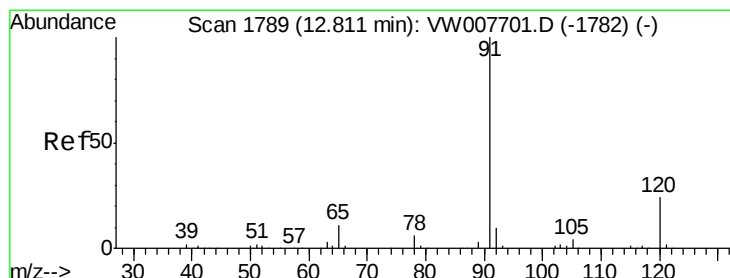
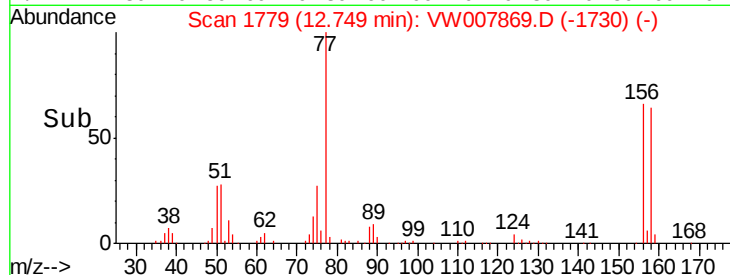
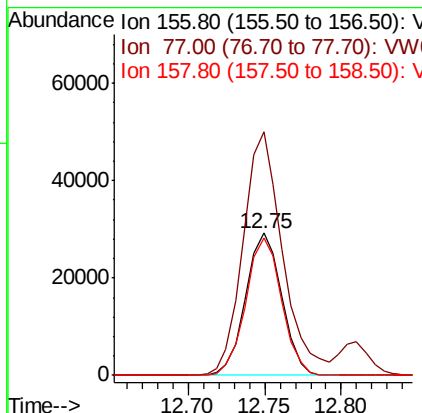
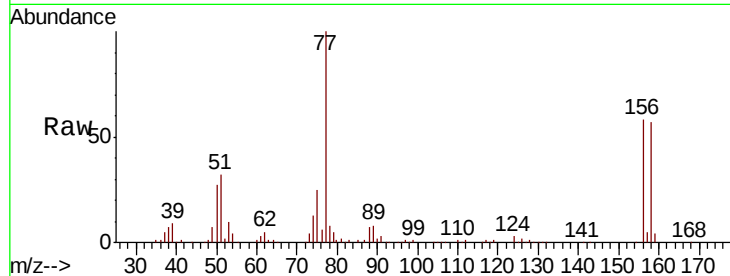
ClientSampleId :

VSTDCCC050

Tgt Ion	Resp	Lower	Upper
156	48067		
156	100		
77	187.2	87.4	262.1
158	95.4	48.4	145.0

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#78

n-propylbenzene

Concen: 49.168 ug/l

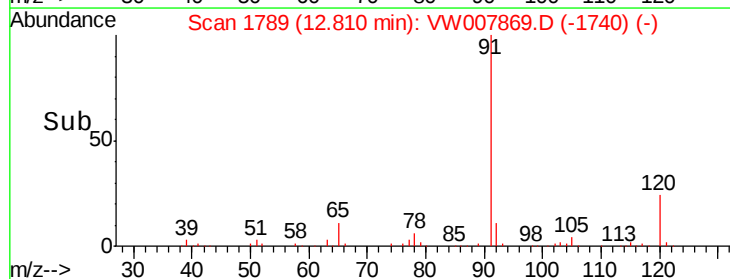
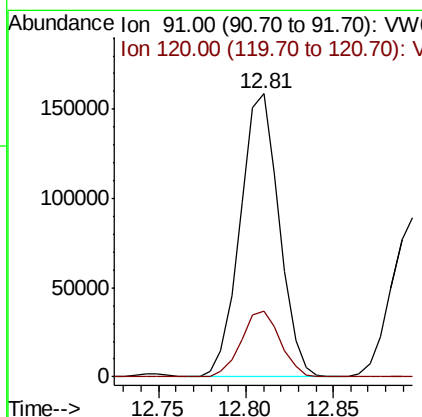
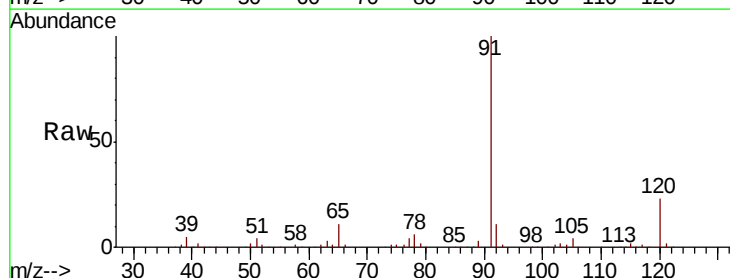
RT: 12.81 min Scan# 1789

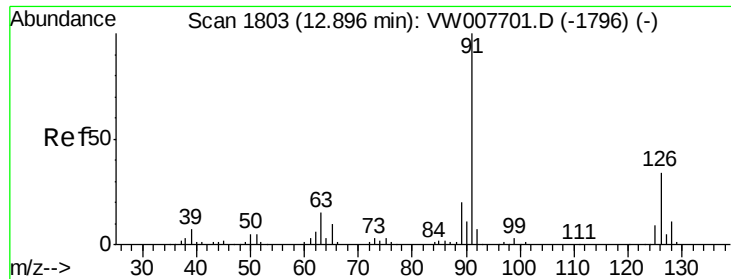
Delta R.T. -0.00 min

Lab File: VW007869.D

Acq: 23 Dec 2018 03:59

Tgt Ion	Resp	Lower	Upper
91	245160		
91	100		
120	23.4	11.9	35.7





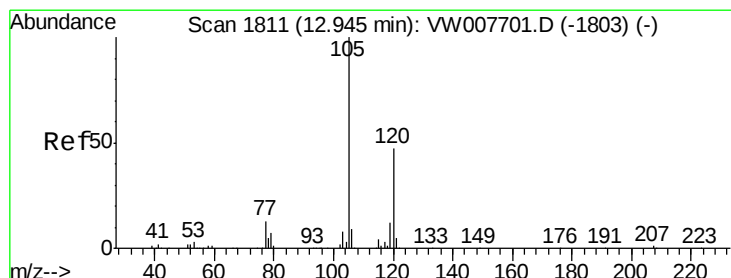
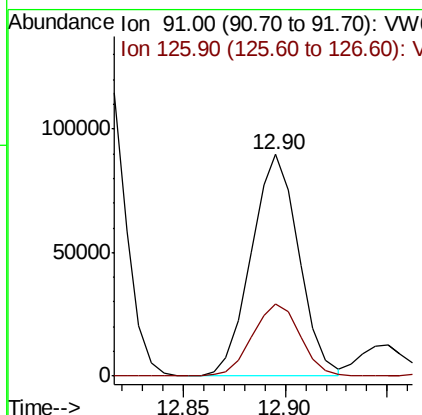
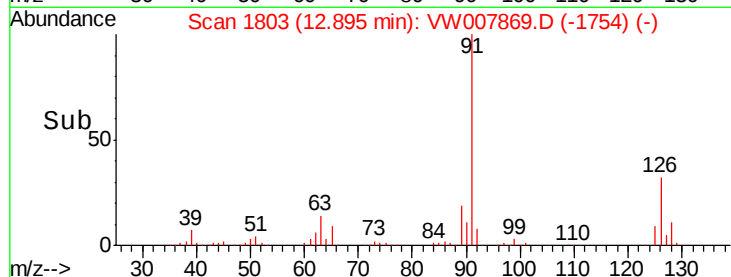
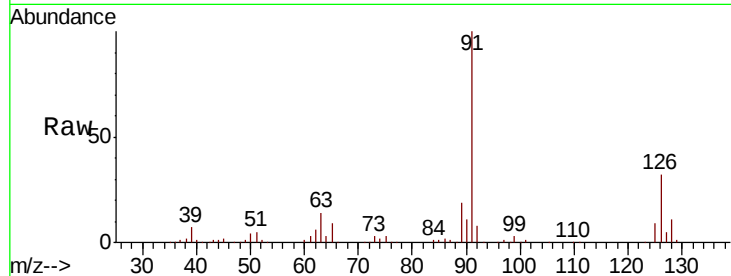
#79
2-Chlorotoluene
Concen: 50.012 ug/l
RT: 12.90 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 145267
Ion Ratio Lower Upper
91 100
126 32.9 17.0 51.0

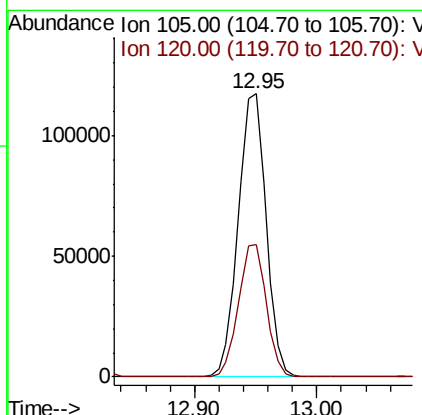
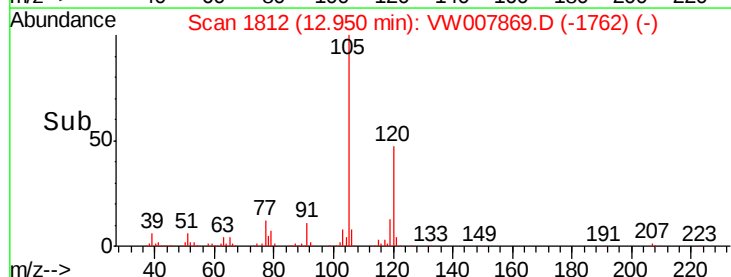
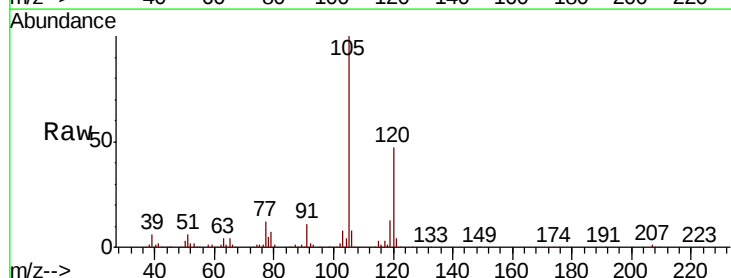
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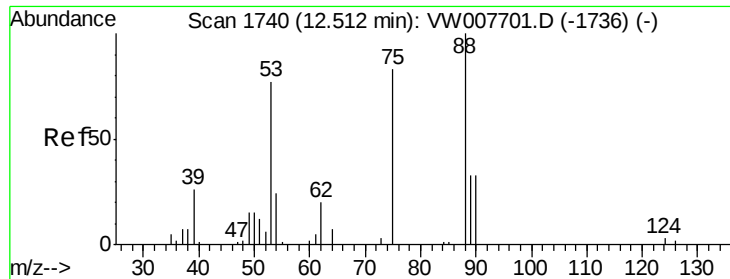
MMDadoda
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#80
1,3,5-Trimethylbenzene
Concen: 50.004 ug/l
RT: 12.95 min Scan# 1812
Delta R.T. 0.01 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion: 105 Resp: 184752
Ion Ratio Lower Upper
105 100
120 46.8 23.6 70.8





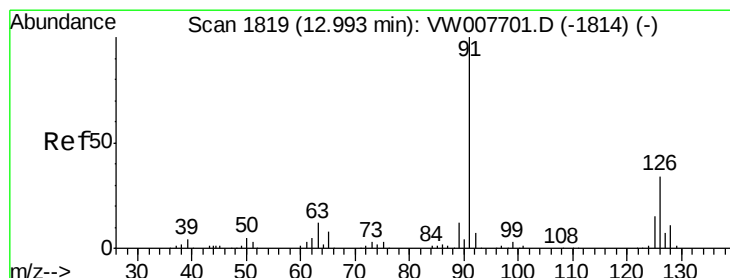
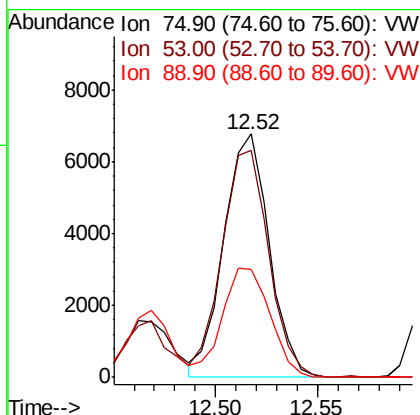
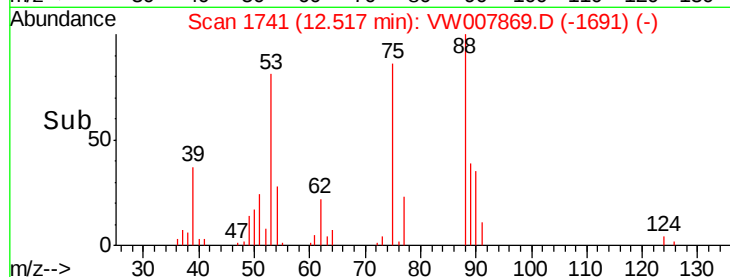
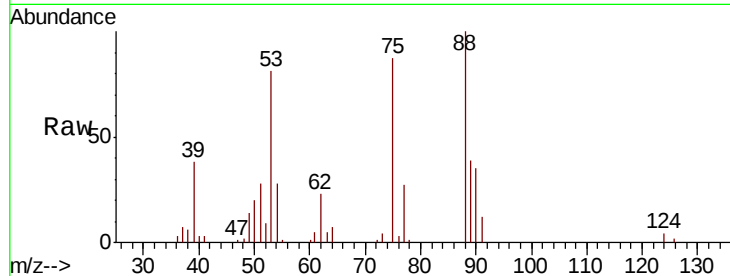
#81
trans-1,4-Dichloro-2-butene
Concen: 50.092 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10452		
53	96.3	80.2	120.2	
89	47.5	39.2	58.8	

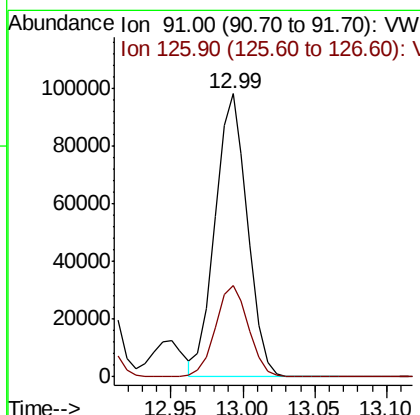
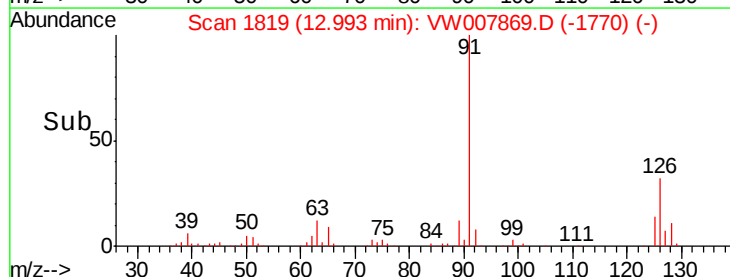
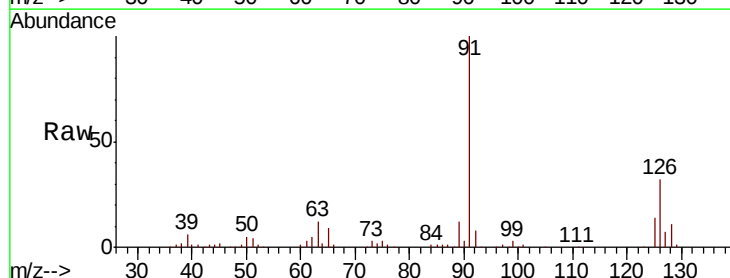
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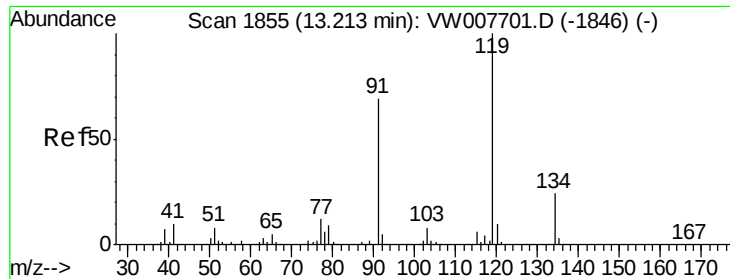
MMDadoda
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#82
4-Chlorotoluene
Concen: 49.841 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Resp	Lower	Upper
91	100	154148		
126	32.8	16.5	49.5	





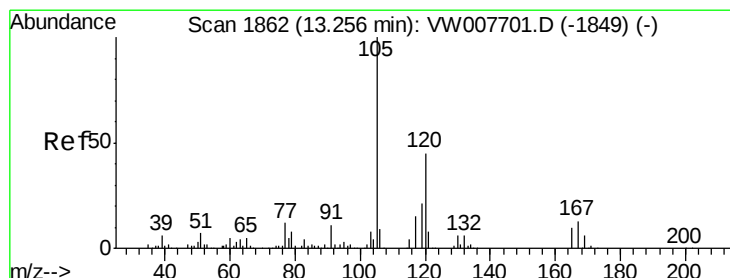
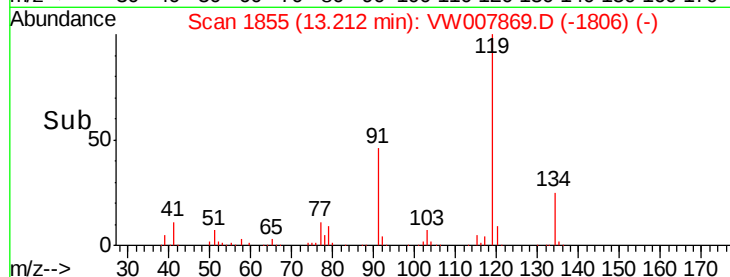
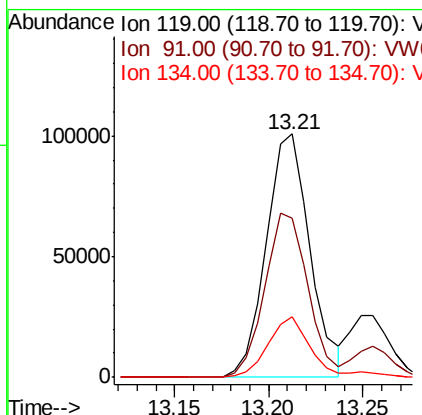
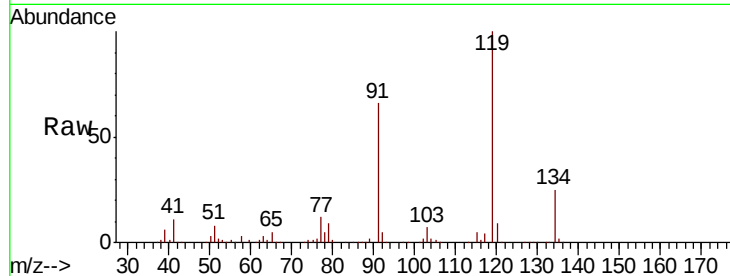
#83
 tert-Butylbenzene
 Concen: 50.151 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	162581		
91	66.7	34.2	102.5	
134	25.0	12.8	38.4	

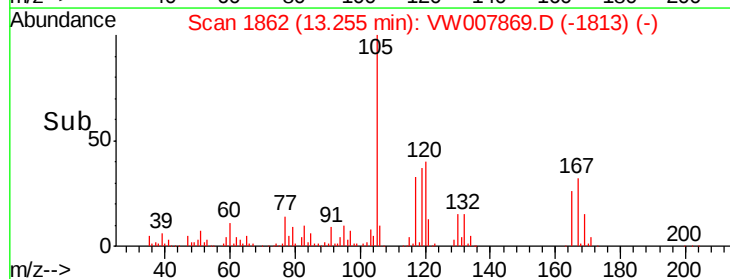
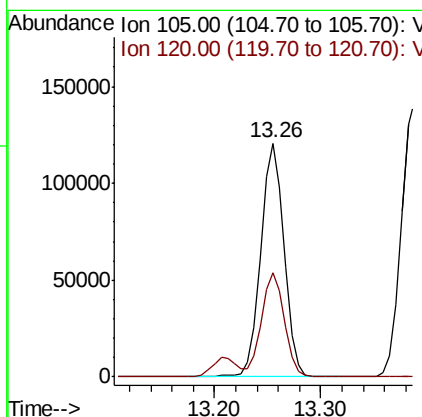
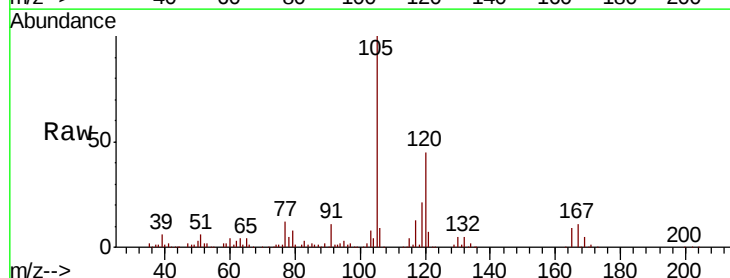
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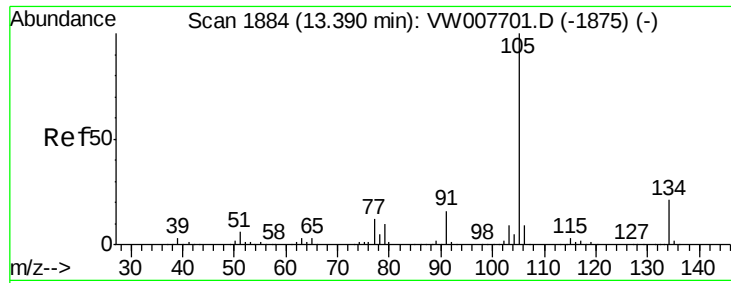
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.669 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	185175		
120	44.2	22.0	66.0	





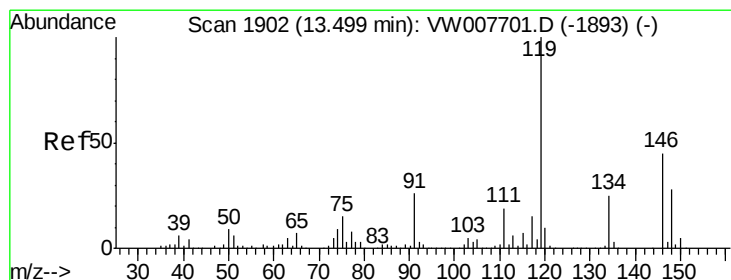
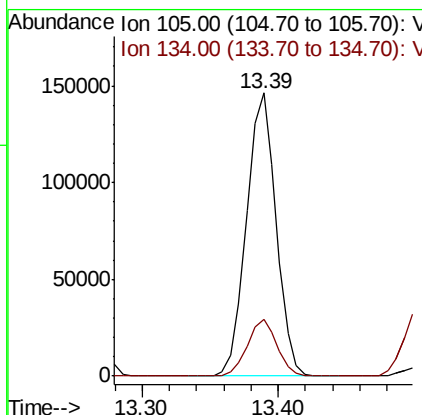
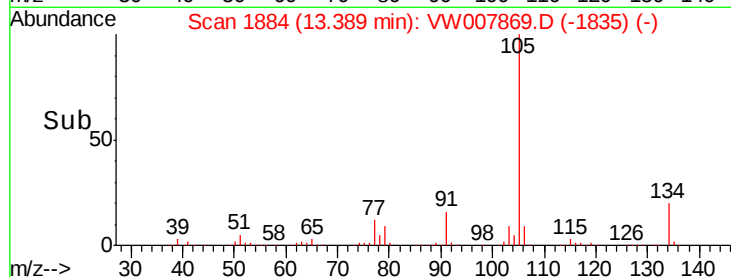
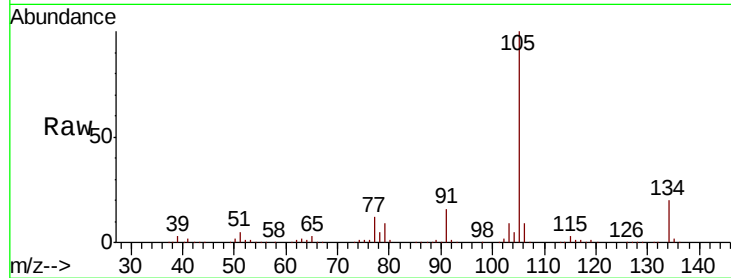
#85
 sec-Butylbenzene
 Concen: 49.916 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion:105 Resp: 223019
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.2 30.4

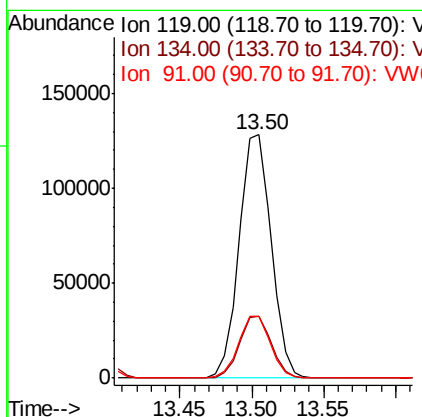
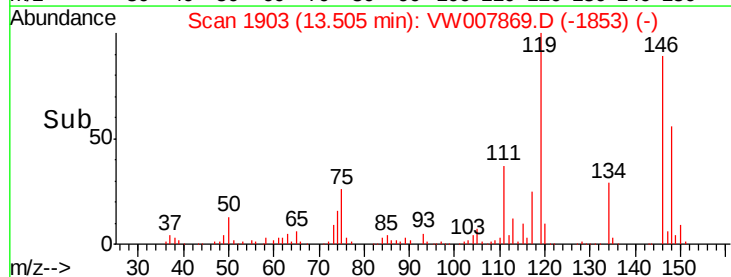
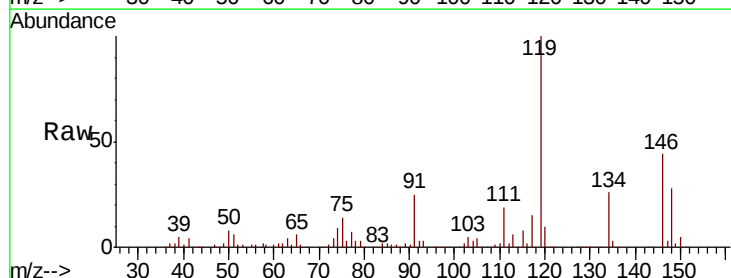
Manual Integrations
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#86
 p-Isopropyltoluene
 Concen: 48.761 ug/l
 RT: 13.50 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion:119 Resp: 198100
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 39.0
 91 25.1 12.8 38.4





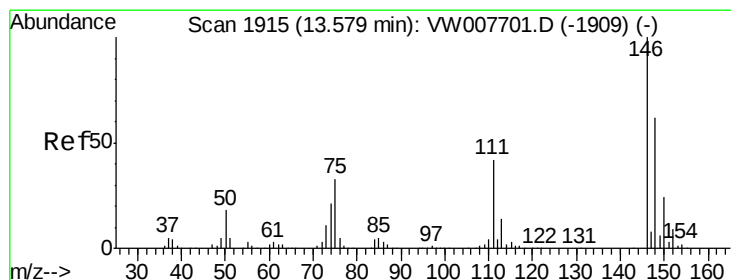
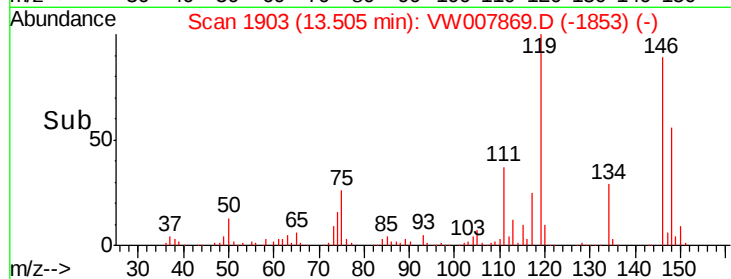
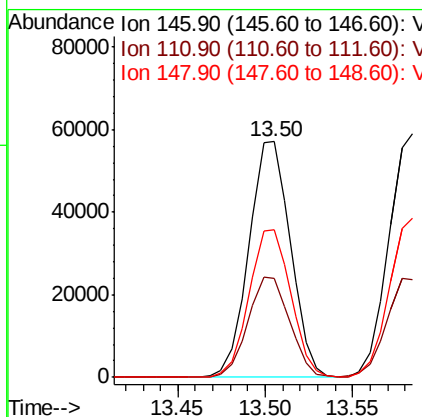
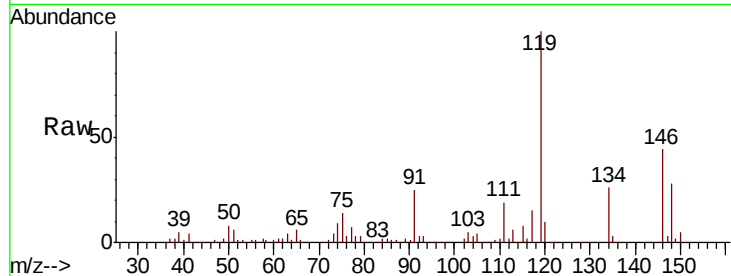
#87
 1,3-Dichlorobenzene
 Concen: 48.366 ug/l
 RT: 13.50 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.6	21.1	63.4
148	62.8	32.1	96.5

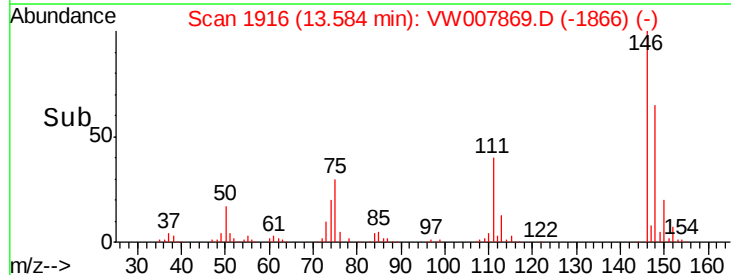
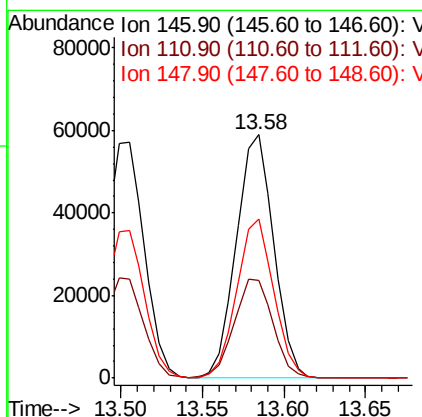
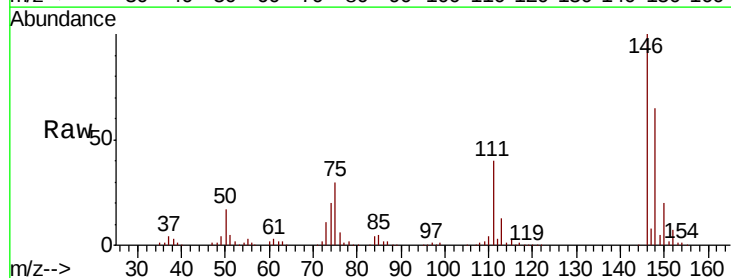
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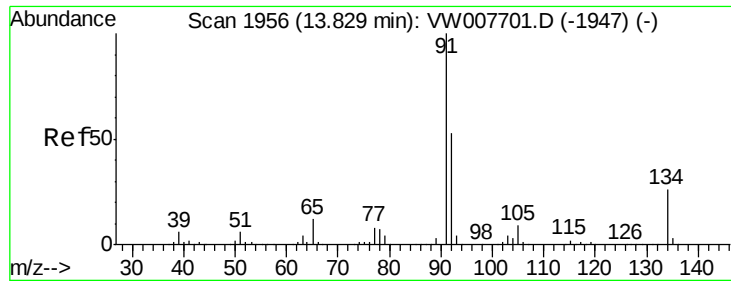
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#88
 1,4-Dichlorobenzene
 Concen: 48.446 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.0	21.0	63.0
148	64.4	31.8	95.4





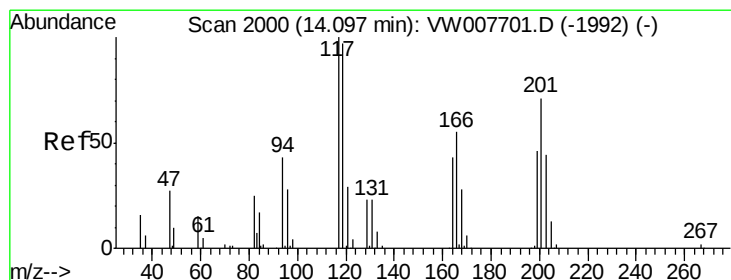
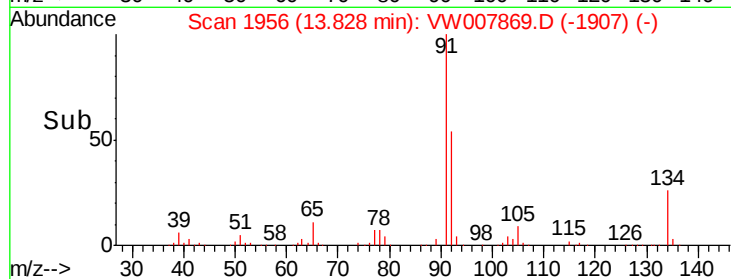
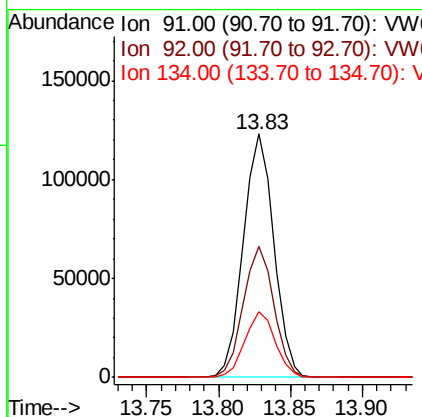
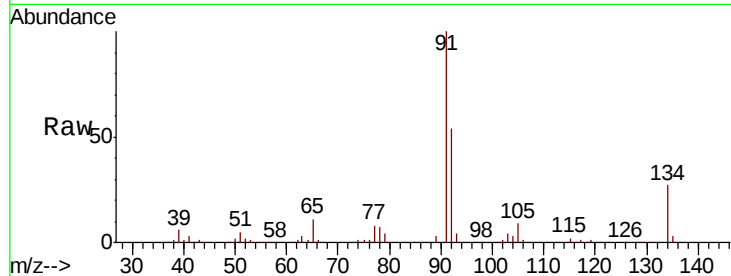
#89
n-Butylbenzene
Concen: 48.378 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.8	26.4	79.2
134	26.6	13.7	41.0

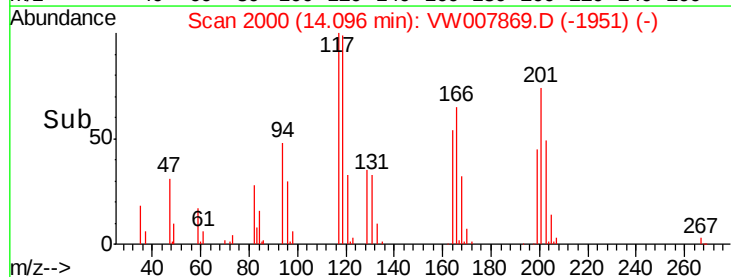
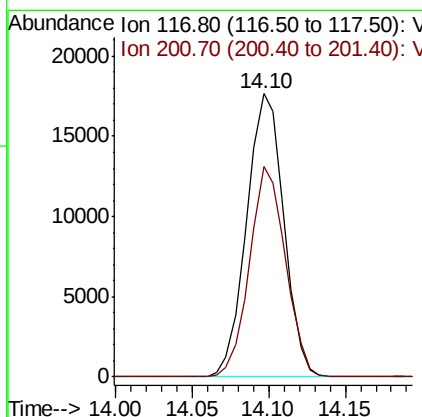
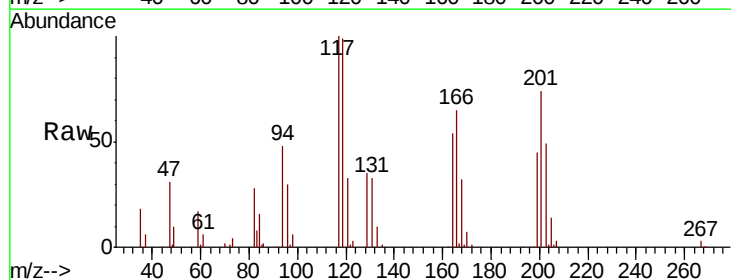
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#90
Hexachloroethane
Concen: 41.805 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Lower	Upper
117	100		
201	72.1	36.2	108.6





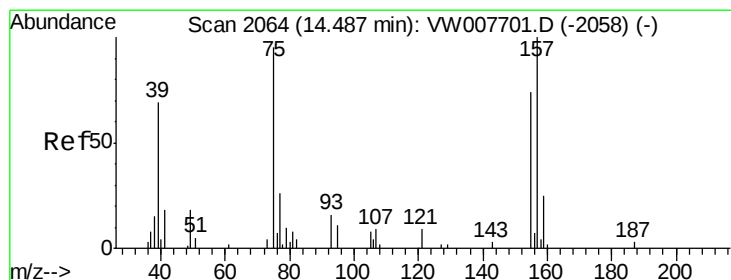
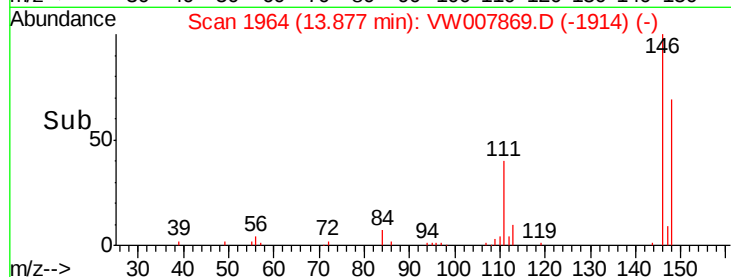
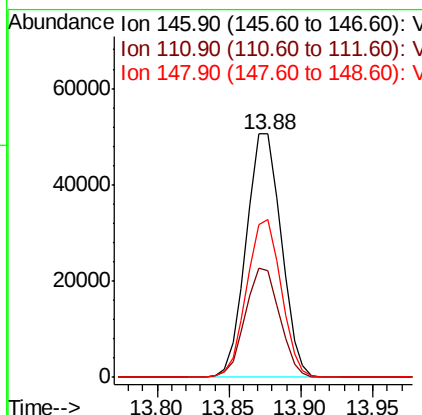
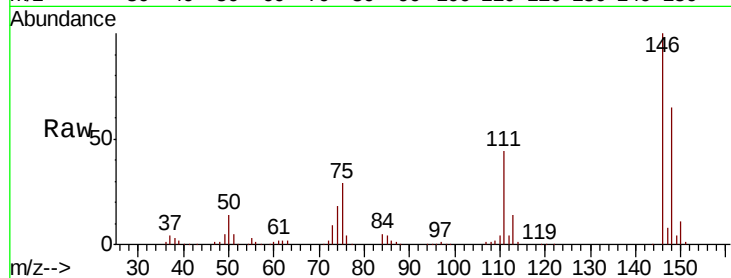
#91
 1,2-Dichlorobenzene
 Concen: 48.926 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.9	21.7	65.1
148	63.5	32.1	96.5

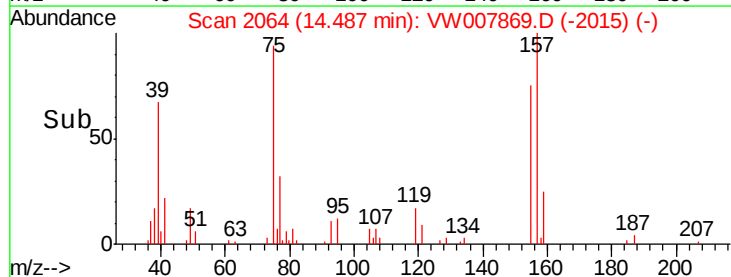
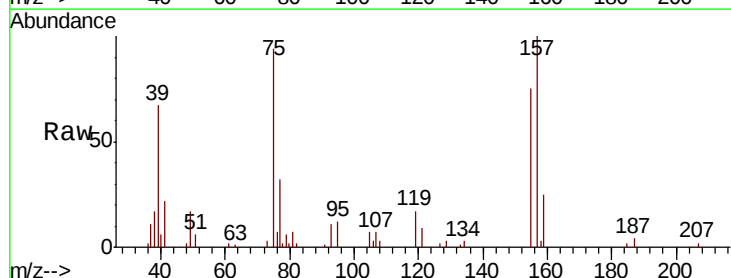
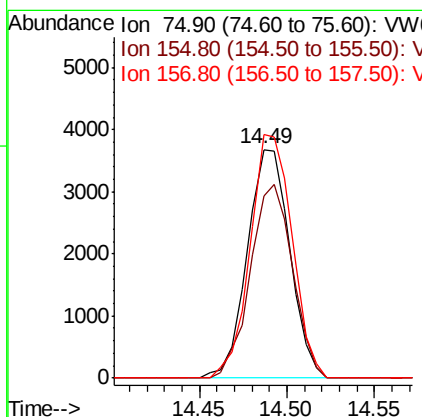
Manual Integrations
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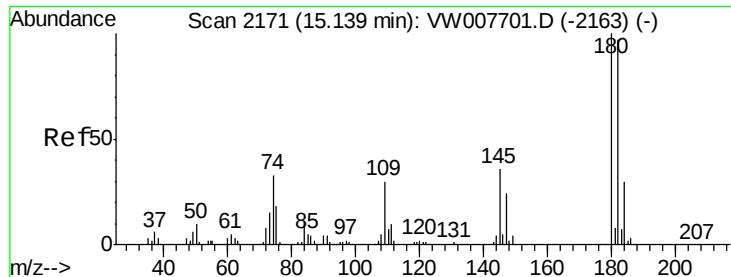
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.092 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Lower	Upper
75	100		
155	84.1	39.4	118.1
157	105.1	52.0	156.0





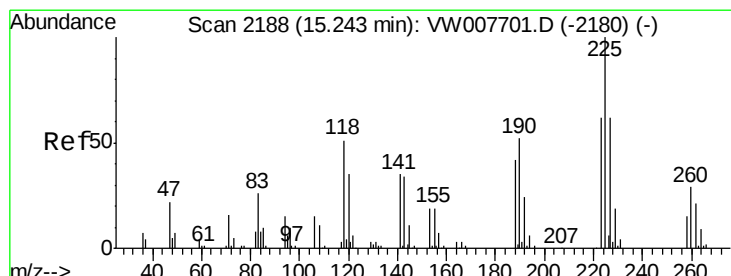
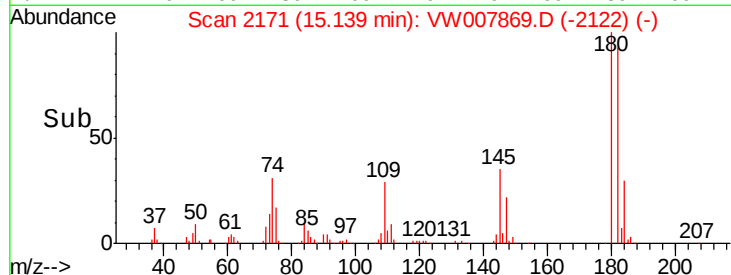
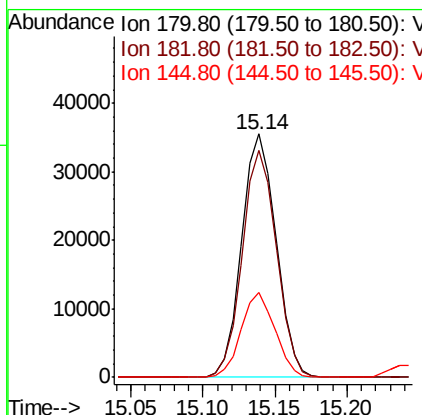
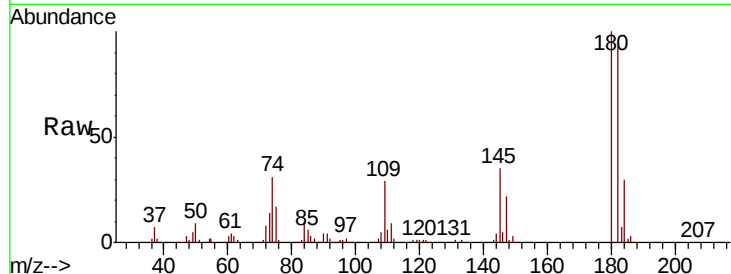
#93
 1,2,4-Trichlorobenzene
 Concen: 48.532 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	58788		
182	92.8	47.5	142.6	
145	34.0	17.5	52.5	

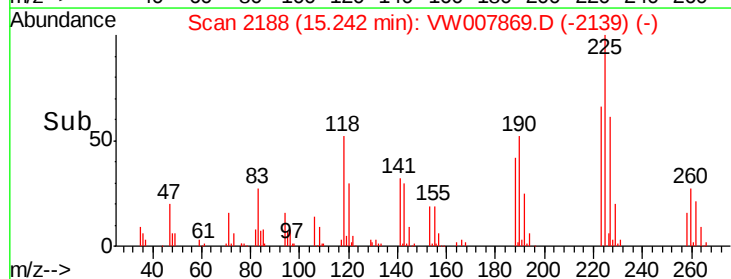
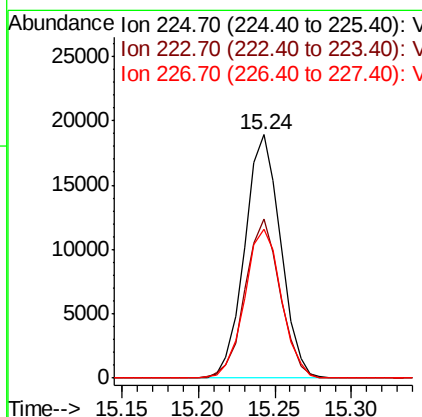
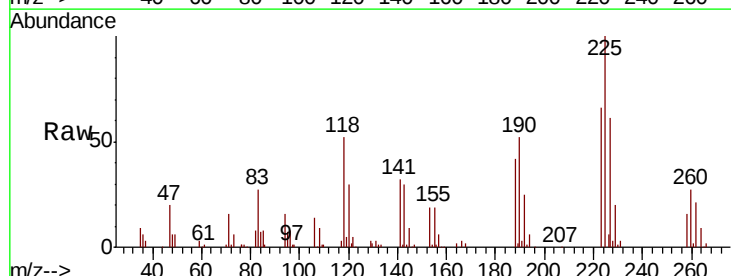
Manual Integrations
 APPROVED

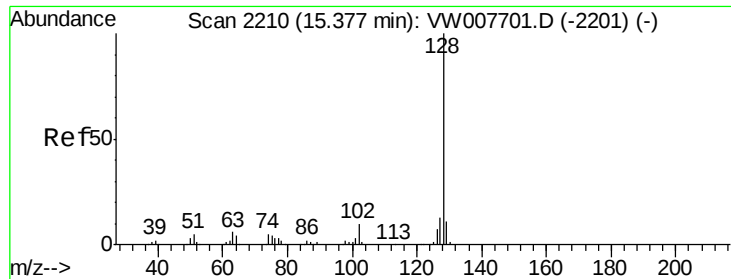
MMDadoda
 12/24/2018 3:15:25 PM



#94
 Hexachlorobutadiene
 Concen: 47.685 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007869.D
 Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	30869		
223	64.0	31.6	94.8	
227	62.4	32.1	96.3	





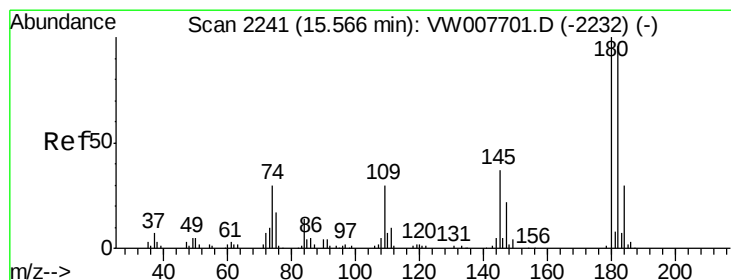
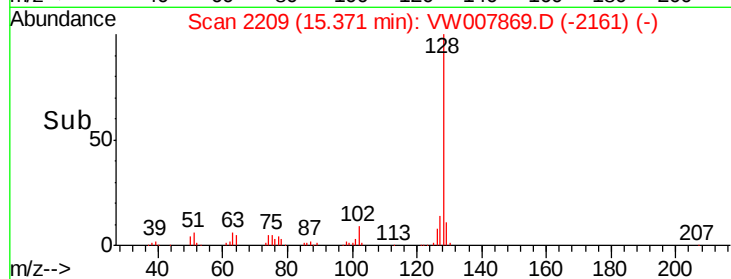
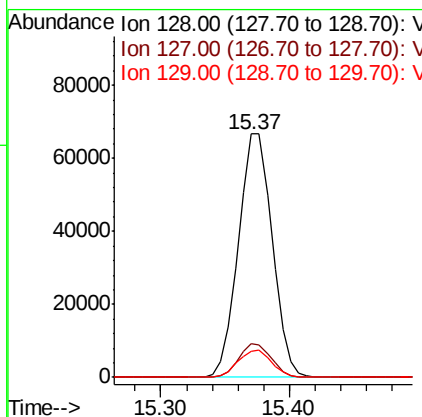
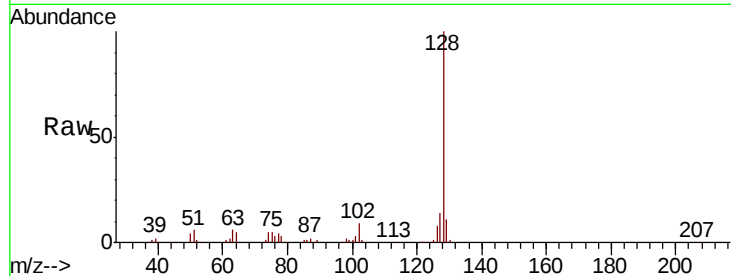
#95
Naphthalene
Concen: 54.253 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Instrument :
MSVOA_W
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.7	16.1
129	11.1	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/24/2018 3:15:25 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.783 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.01 min
Lab File: VW007869.D
Acq: 23 Dec 2018 03:59

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	47.4	142.2
145	37.1	18.4	55.0

