

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121118\
 Data File : VW007377.D
 Acq On : 11 Dec 2018 02:15
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

Manual Integrations
 APPROVED

MMDadoda
 12/11/2018 4:55:59 PM

Quant Time: Dec 11 03:12:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84159	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	143057	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57264	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	46967	50.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.60%	
35) Dibromofluoromethane	7.88	113	44638	51.55	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.10%	
50) Toluene-d8	10.32	98	172987	53.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.56%	
62) 4-Bromofluorobenzene	12.62	95	59936	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	25870	43.989	ug/l	99
3) Chloromethane	2.22	50	23366	47.439	ug/l	91
4) Vinyl Chloride	2.37	62	27584	47.722	ug/l	95
5) Bromomethane	2.78	94	19120	49.233	ug/l	99
6) Chloroethane	2.93	64	15671	49.252	ug/l	98
7) Trichlorofluoromethane	3.26	101	25184	48.462	ug/l	98
8) Diethyl Ether	3.68	74	18104	44.511	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	4.07	101	39642	46.232	ug/l	97
10) Methyl Iodide	4.26	142	68025	47.900	ug/l	99
11) Tert butyl alcohol	5.17	59	14673	228.823	ug/l	95
12) 1,1-Dichloroethene	4.04	96	38133	46.190	ug/l	97
13) Acrolein	3.89	56	8696	204.948	ug/l	100
14) Allyl chloride	4.66	41	58273	47.886	ug/l	98
15) Acrylonitrile	5.36	53	37817	220.559	ug/l	99
16) Acetone	4.12	43	35952	220.449	ug/l	99
17) Carbon Disulfide	4.38	76	119029	47.551	ug/l	99
18) Methyl Acetate	4.67	43	19337	43.686	ug/l	100
19) Methyl tert-butyl Ether	5.43	73	58003	46.573	ug/l	99
20) Methylene Chloride	4.92	84	42231	47.128	ug/l	97
21) trans-1,2-Dichloroethene	5.42	96	43322	46.909	ug/l	97
22) Diisopropyl ether	6.31	45	110835	47.384	ug/l	94
23) Vinyl Acetate	6.26	43	305517	233.517	ug/l	100
24) 1,1-Dichloroethane	6.21	63	71440	45.189	ug/l	99
25) 2-Butanone	7.17	43	47308	222.198	ug/l	99
26) 2,2-Dichloropropane	7.17	77	49531	47.341	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	47662	47.133	ug/l	98
28) Bromochloromethane	7.51	49	29667	49.890	ug/l	99
29) Tetrahydrofuran	7.52	42	30479	226.130	ug/l	98
30) Chloroform	7.68	83	79902	46.444	ug/l	99
31) Cyclohexane	7.96	56	64216	44.273	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	72000	47.724	ug/l	100
36) 1,1-Dichloropropene	8.08	75	61212	46.905	ug/l	99
37) Ethyl Acetate	7.25	43	21645	44.594	ug/l	97
38) Carbon Tetrachloride	8.07	117	68087	47.950	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.33	83	74212	46.963	ug/l	94
40) Benzene	8.32	78	173025	47.775	ug/l	98
41) Methacrylonitrile	7.48	41	14394	52.076	ug/l	92
42) 1,2-Dichloroethane	8.40	62	52485	46.134	ug/l	99
43) Isopropyl Acetate	8.43	43	43778	45.660	ug/l	98
44) Trichloroethene	9.09	130	50225	48.564	ug/l	98
45) 1,2-Dichloropropane	9.37	63	40222	47.992	ug/l	96
46) Dibromomethane	9.46	93	22483	47.239	ug/l	95
47) Bromodichloromethane	9.64	83	58174	46.599	ug/l	95
48) Methyl methacrylate	9.44	41	21638	43.943	ug/l	97
49) 1,4-Dioxane	9.45	88	7257	939.728	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	102954	227.260	ug/l	99
52) Toluene	10.39	92	112352	47.937	ug/l	97
53) t-1,3-Dichloropropene	10.60	75	55627	45.898	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	66144	47.210	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	30366	46.879	ug/l	93
56) Ethyl methacrylate	10.65	69	37552	48.232	ug/l	97
57) 1,3-Dichloropropane	10.93	76	48724	45.828	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.93	63	89674	249.761	ug/l	99
59) 2-Hexanone	10.97	43	73011	241.698	ug/l	98
60) Dibromochloromethane	11.13	129	39495	48.314	ug/l	99
61) 1,2-Dibromoethane	11.24	107	28922	45.181	ug/l	100
64) Tetrachloroethene	10.87	164	41381	49.031	ug/l	92
65) Chlorobenzene	11.66	112	116169	47.490	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.73	131	42941	49.842	ug/l	98
67) Ethyl Benzene	11.73	91	204334	48.586	ug/l #	86
68) m/p-Xylenes	11.84	106	168512	103.067	ug/l	92
69) o-Xylene	12.17	106	77689	50.878	ug/l	98
70) Styrene	12.18	104	130390	52.867	ug/l	97
71) Bromoform	12.35	173	20998	47.617	ug/l #	97
73) Isopropylbenzene	12.47	105	213350	48.624	ug/l	97
74) N-amyl acetate	12.27	43	36011	45.158	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	31886	49.064	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	23638m	50.064	ug/l	
77) Bromobenzene	12.75	156	47942	49.293	ug/l	96
78) n-propylbenzene	12.80	91	254736	51.586	ug/l	97
79) 2-Chlorotoluene	12.90	91	140840	47.137	ug/l	91
80) 1,3,5-Trimethylbenzene	12.94	105	179969	48.814	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	10659	49.869	ug/l	85
82) 4-Chlorotoluene	12.99	91	152543	48.433	ug/l	98
83) tert-Butylbenzene	13.21	119	158862	48.902	ug/l	96
84) 1,2,4-Trimethylbenzene	13.26	105	191251	50.410	ug/l	97
85) sec-Butylbenzene	13.39	105	226309	51.031	ug/l	93
86) p-Isopropyltoluene	13.50	119	200766	50.392	ug/l	98
87) 1,3-Dichlorobenzene	13.50	146	89750	46.283	ug/l	95
88) 1,4-Dichlorobenzene	13.58	146	92499	47.447	ug/l	99
89) n-Butylbenzene	13.83	91	176892	47.894	ug/l	98
90) Hexachloroethane	14.10	117	33668	47.495	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	83940	48.329	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	6048	46.374	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	57889	48.432	ug/l	96
94) Hexachlorobutadiene	15.24	225	31268	49.303	ug/l	98
95) Naphthalene	15.37	128	109055	47.693	ug/l	98
96) 1,2,3-Trichlorobenzene	15.57	180	51444	49.546	ug/l	99

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

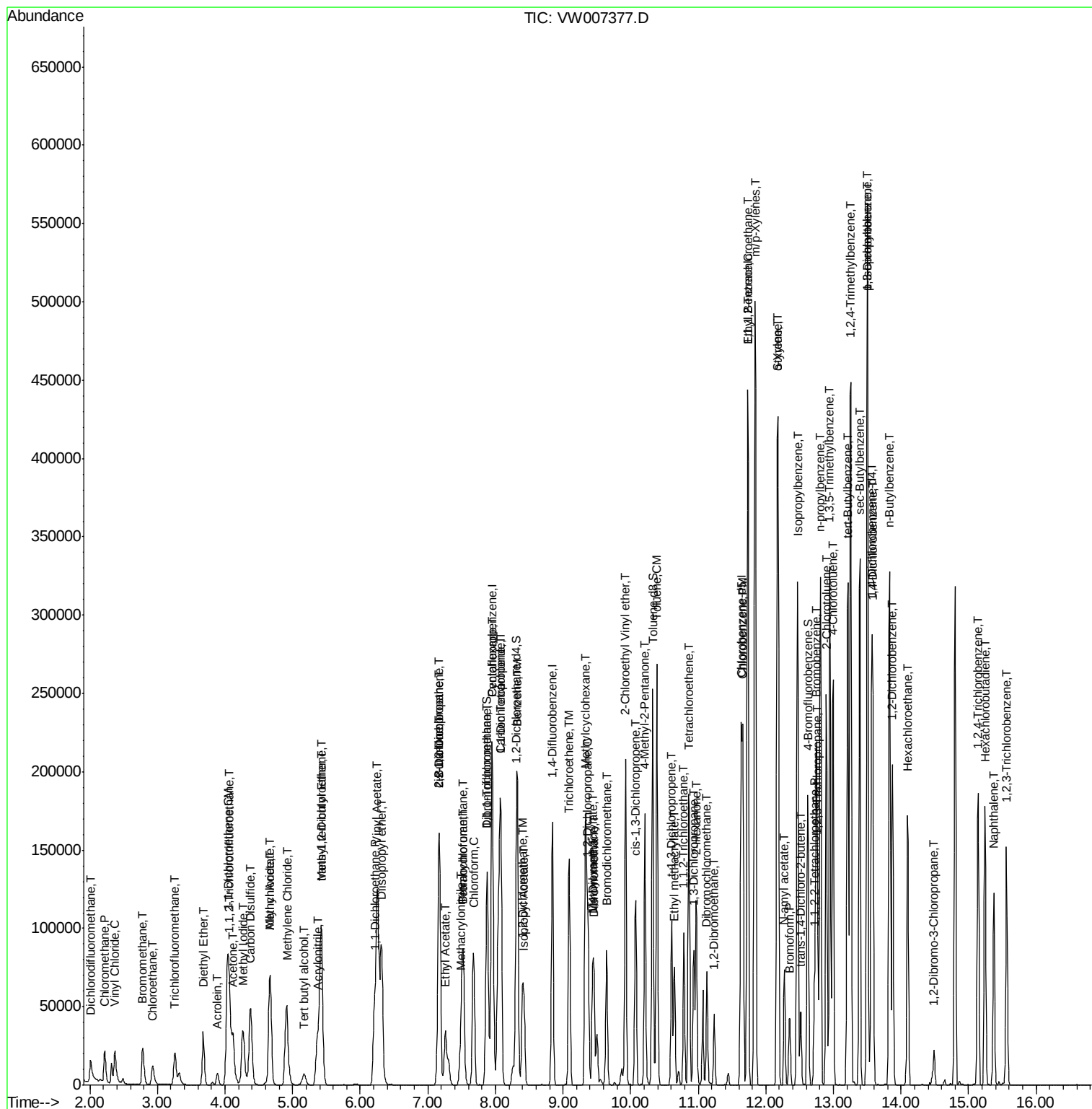
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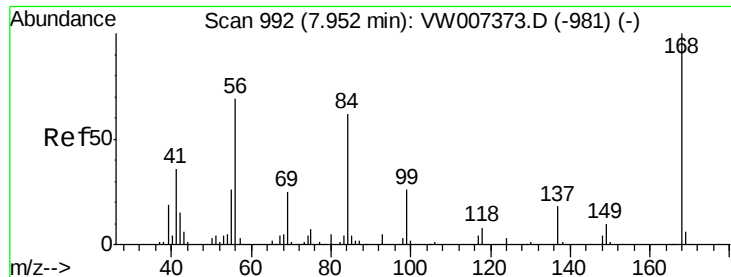
Instrument :
MSVOA_W
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007377.D

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Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

Tgt Ion: 168 Resp: 84159

Ion Ratio Lower Upper

168 100

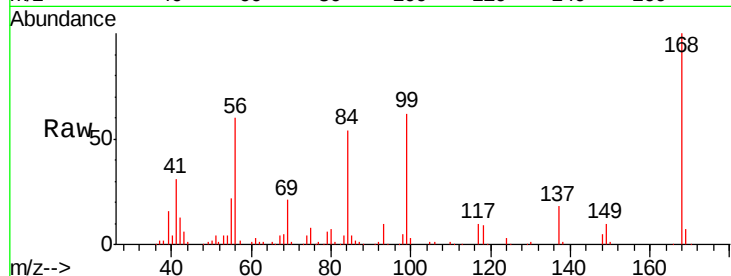
99 61.6 48.3 72.5

Manual Integrations

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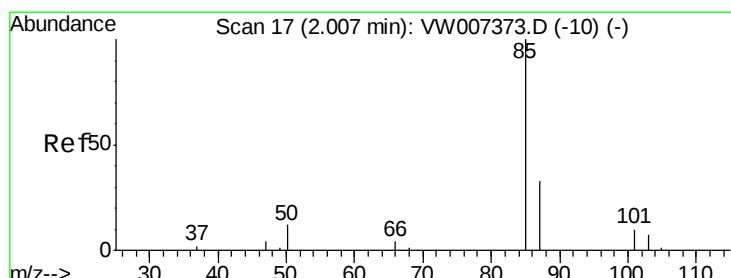
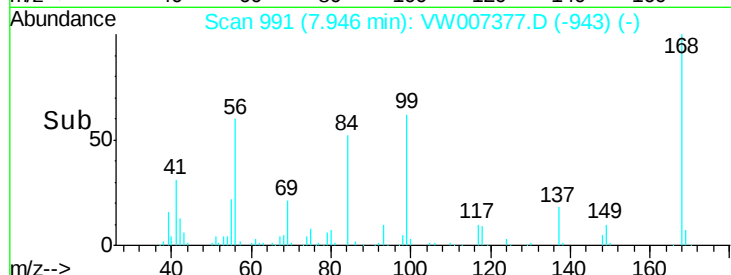
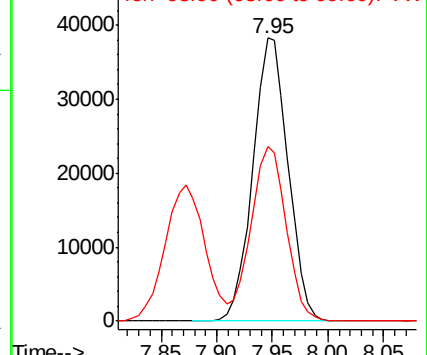
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#2

Dichlorodifluoromethane

Concen: 43.989 ug/l

RT: 2.01 min Scan# 17

Delta R.T. 0.00 min

Lab File: VW007377.D

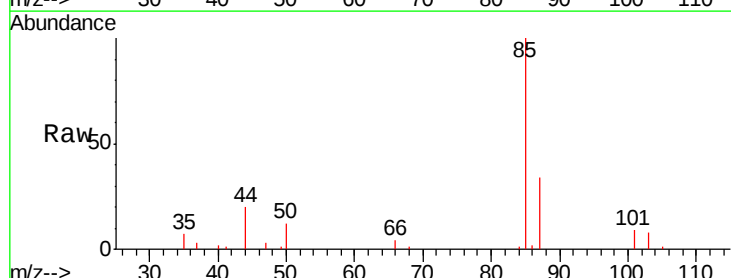
Acq: 11 Dec 2018 02:15

Tgt Ion: 85 Resp: 25870

Ion Ratio Lower Upper

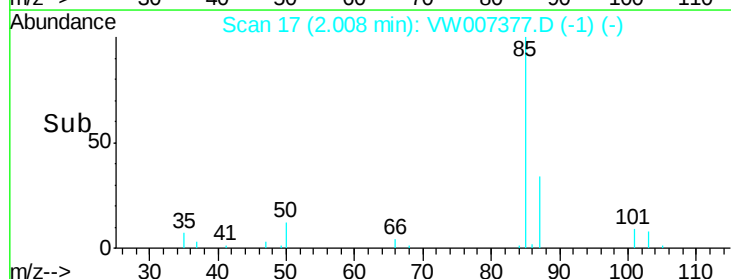
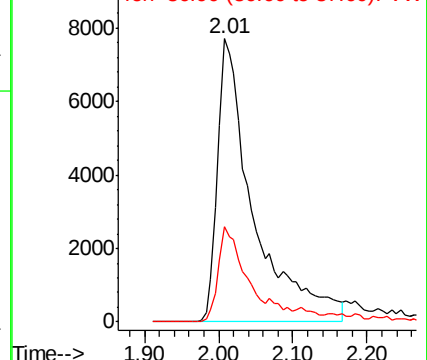
85 100

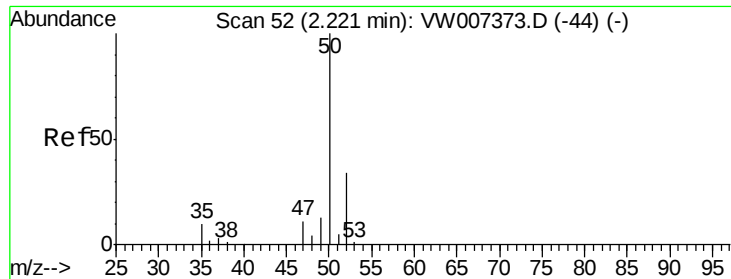
87 33.5 16.6 49.7



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW





#3

Chloromethane

Concen: 47.439 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

Tgt Ion: 50 Resp: 23366

Ion Ratio Lower Upper

50 100

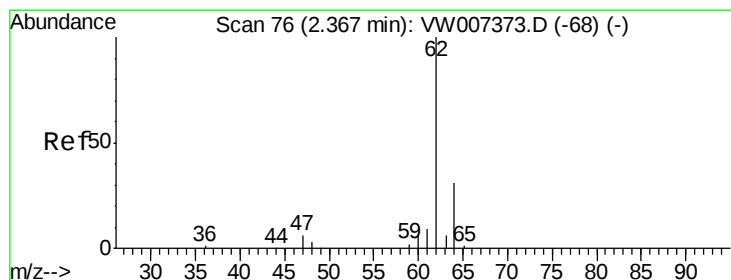
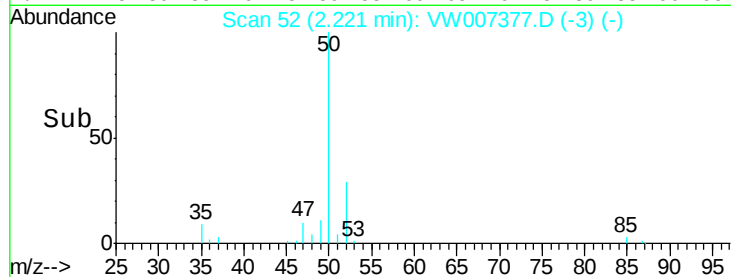
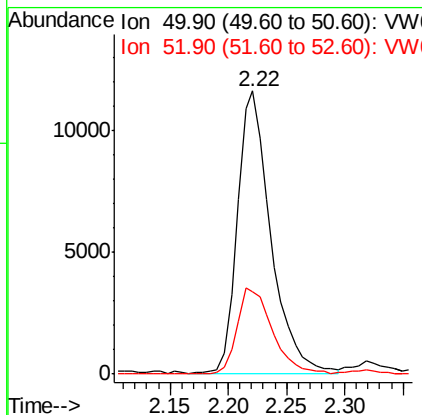
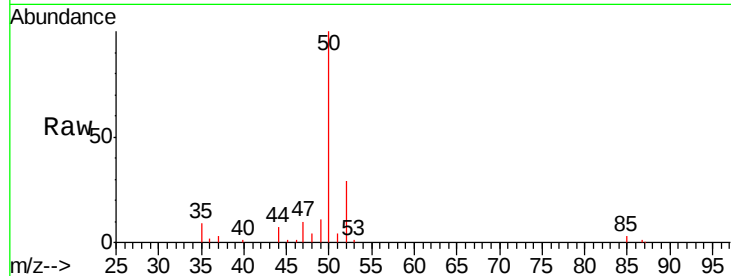
52 29.3 27.4 41.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 47.722 ug/l

RT: 2.37 min Scan# 76

Delta R.T. 0.00 min

Lab File: VW007377.D

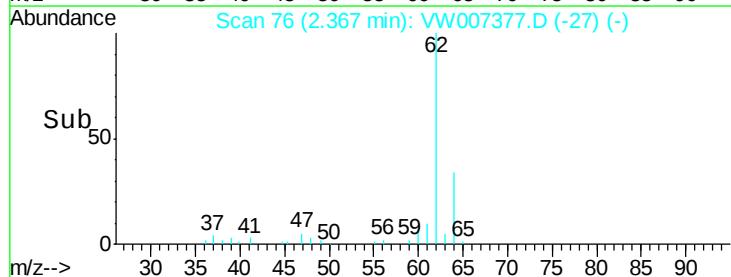
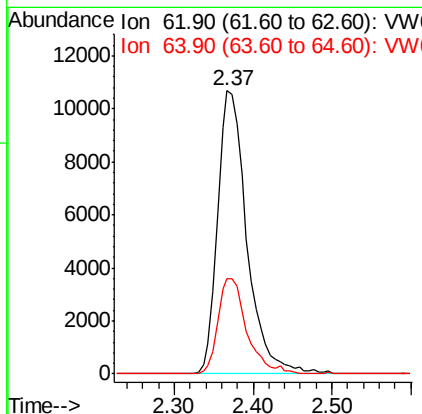
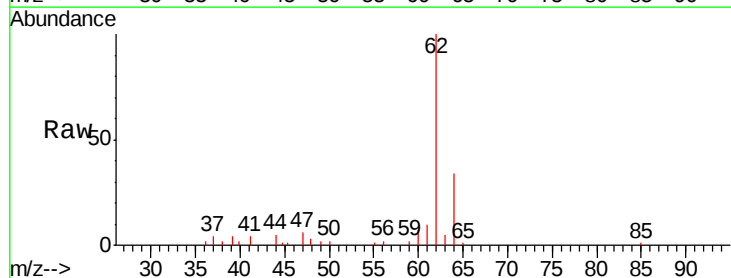
Acq: 11 Dec 2018 02:15

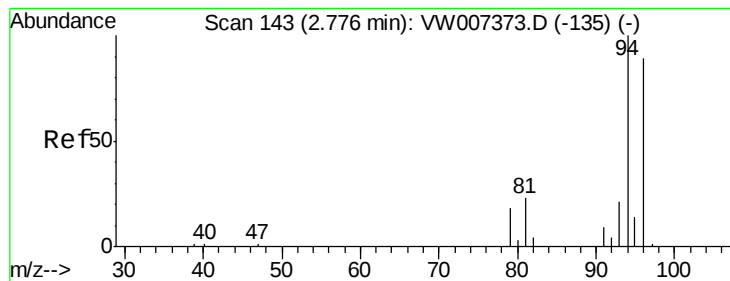
Tgt Ion: 62 Resp: 27584

Ion Ratio Lower Upper

62 100

64 33.6 24.6 37.0





#5

Bromomethane

Concen: 49.233 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

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Tgt Ion: 94 Resp: 19120

Ion Ratio Lower Upper

94 100

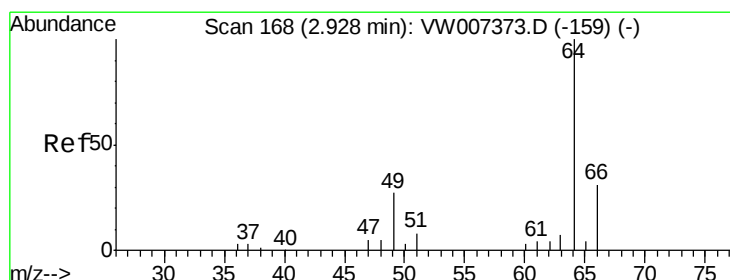
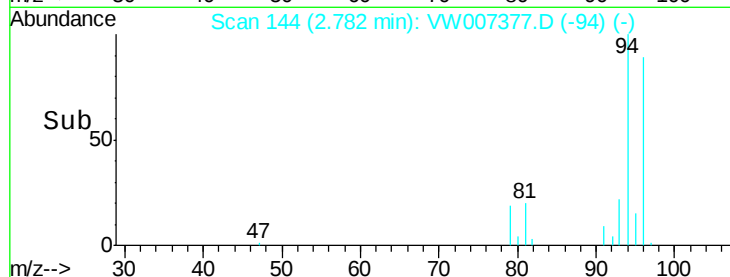
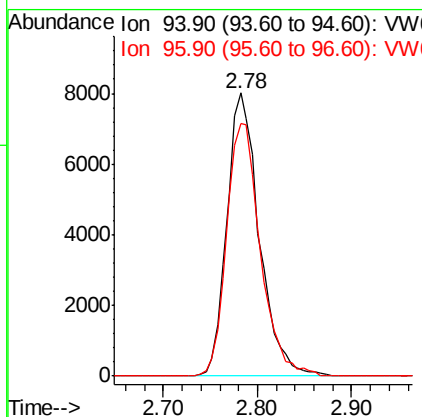
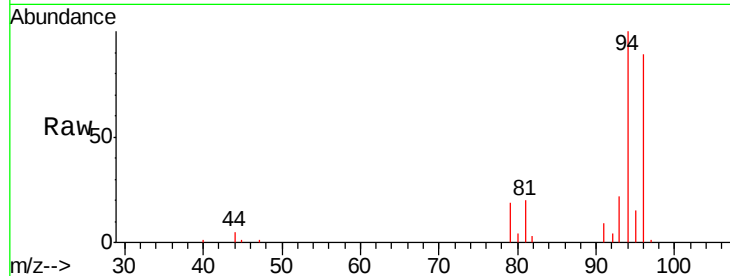
96 89.5 71.0 106.4

Manual Integrations

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#6

Chloroethane

Concen: 49.252 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007377.D

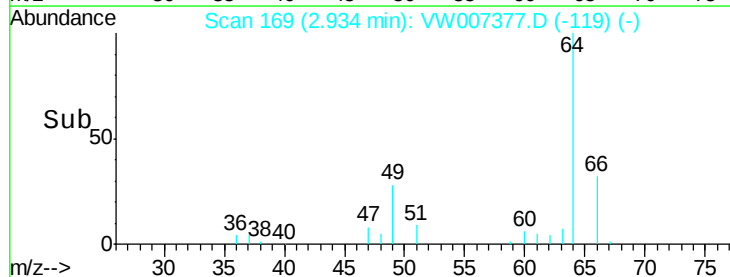
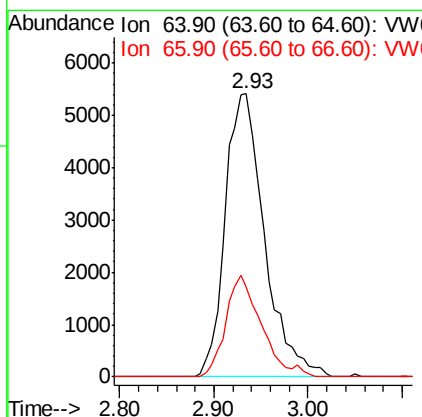
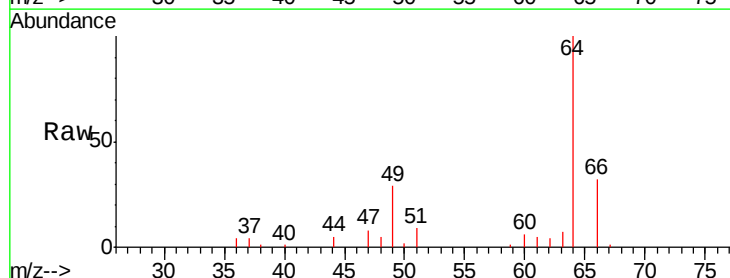
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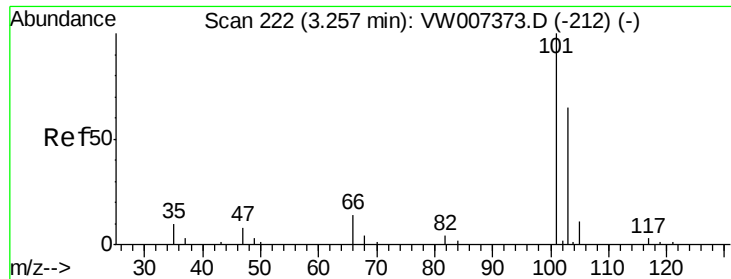
Tgt Ion: 64 Resp: 15671

Ion Ratio Lower Upper

64 100

66 32.0 24.6 37.0





#7

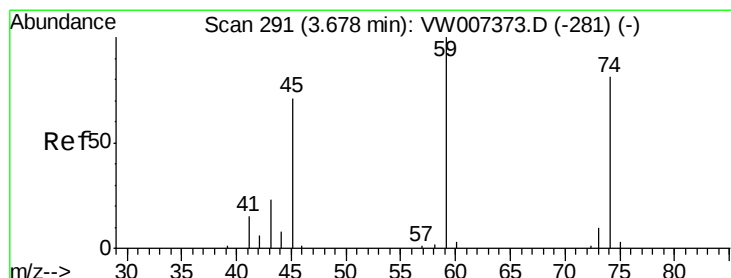
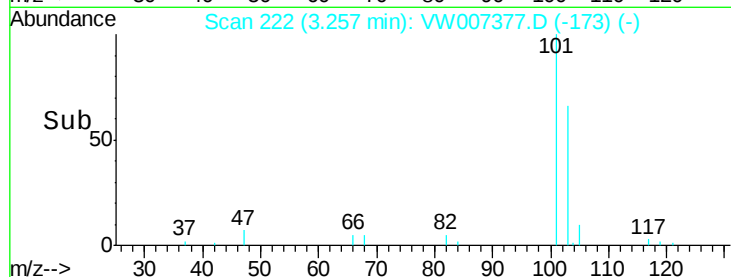
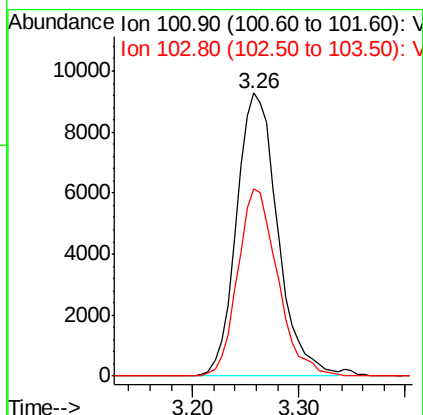
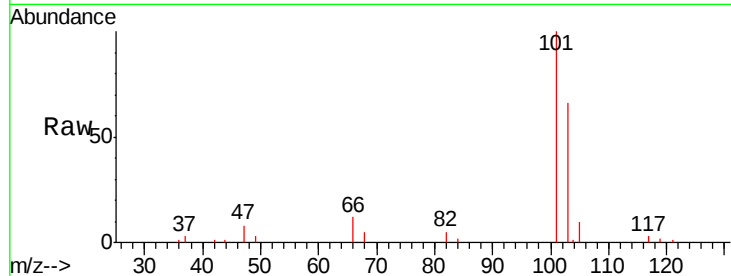
Trichlorofluoromethane
Concen: 48.462 ug/l
RT: 3.26 min Scan# 222
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
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ClientSampleId :
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Tgt Ion: 101 Resp: 25184
Ion Ratio Lower Upper
101 100
103 66.2 51.7 77.5

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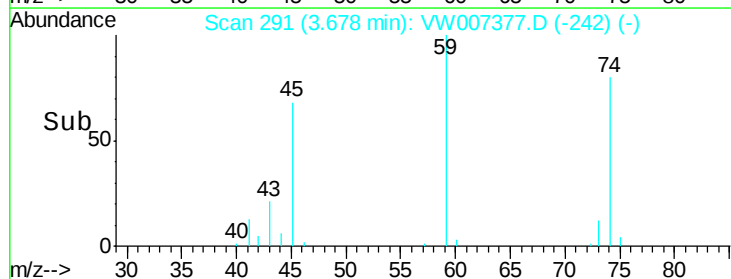
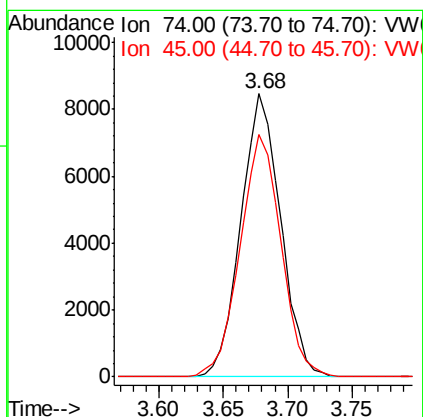
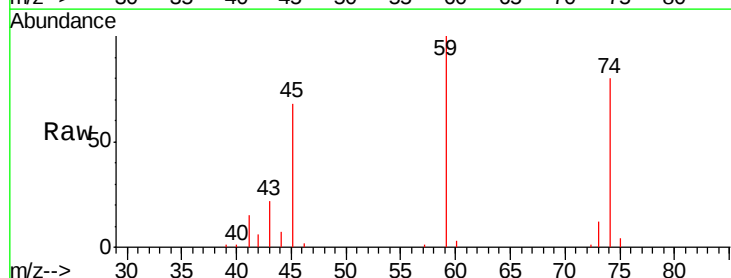
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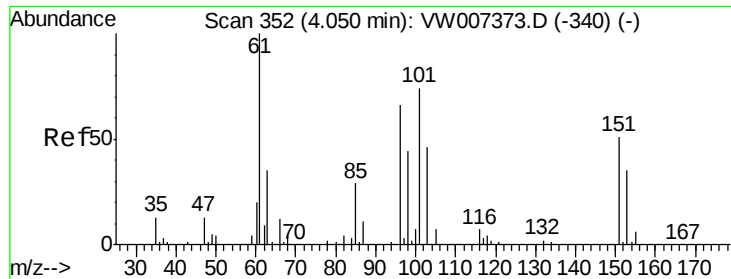


#8

Diethyl Ether
Concen: 44.511 ug/l
RT: 3.68 min Scan# 291
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 74 Resp: 18104
Ion Ratio Lower Upper
74 100
45 88.1 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.232 ug/l

RT: 4.07 min Scan# 355

Delta R.T. 0.02 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

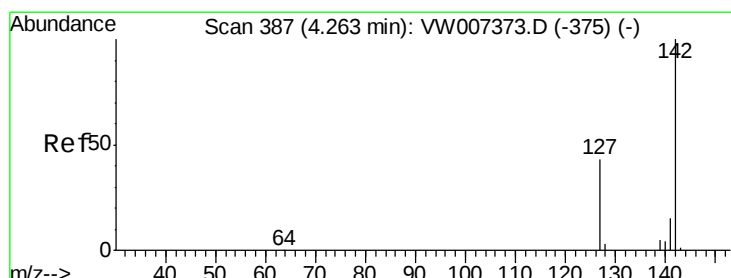
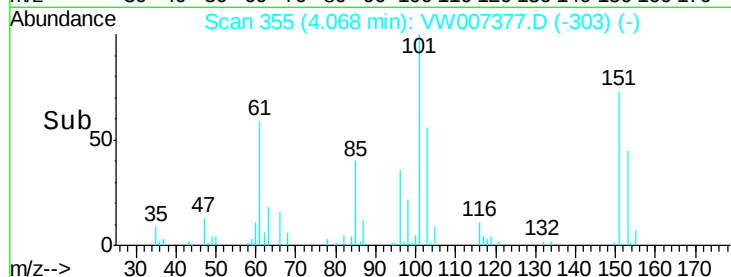
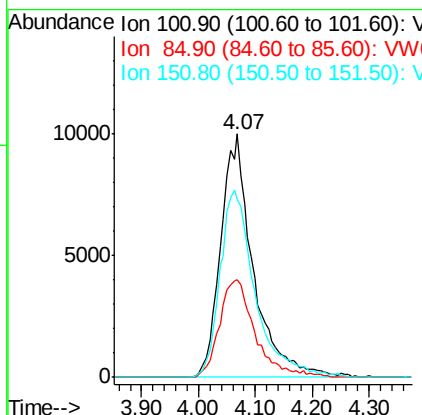
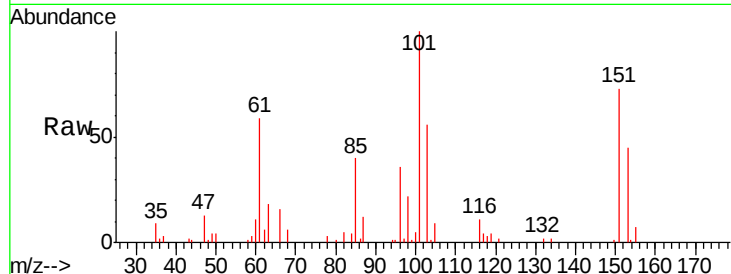
ClientSampleId :

ICVW121118

Tgt Ion:	101	Resp:	39642
Ion Ratio	Lower	Upper	
101	100		
85	43.9	33.9	50.9
151	82.9	63.7	95.5

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#10

Methyl Iodide

Concen: 47.900 ug/l

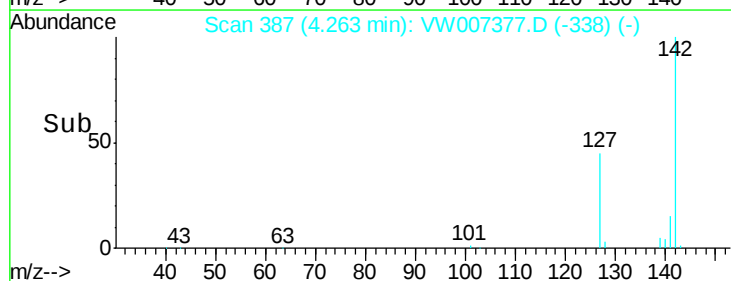
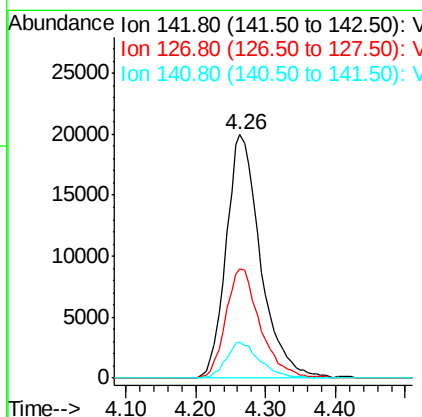
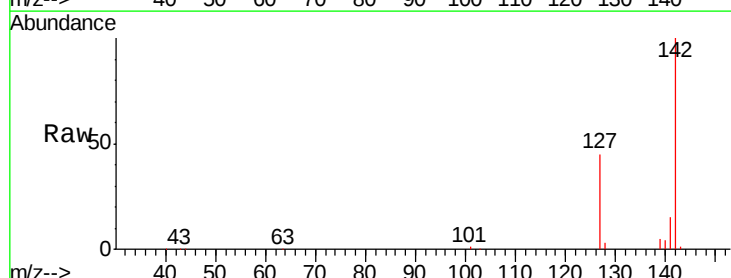
RT: 4.26 min Scan# 387

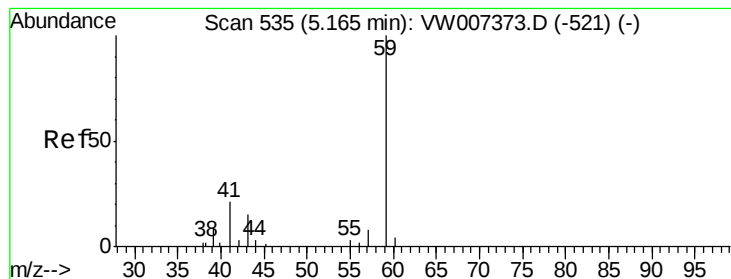
Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Tgt Ion:	142	Resp:	68025
Ion Ratio	Lower	Upper	
142	100		
127	45.1	35.8	53.6
141	14.5	11.1	16.7





#11

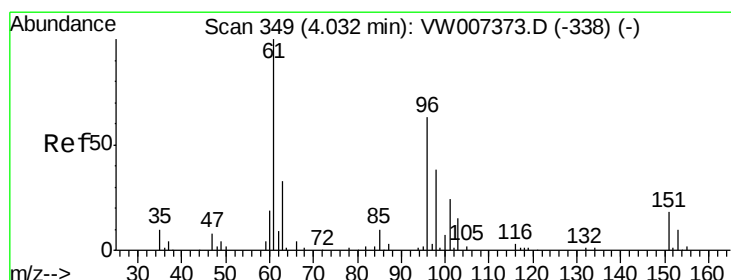
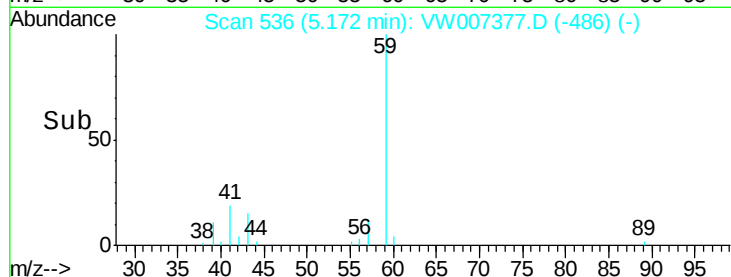
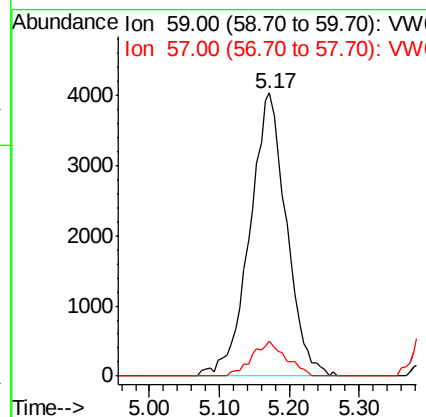
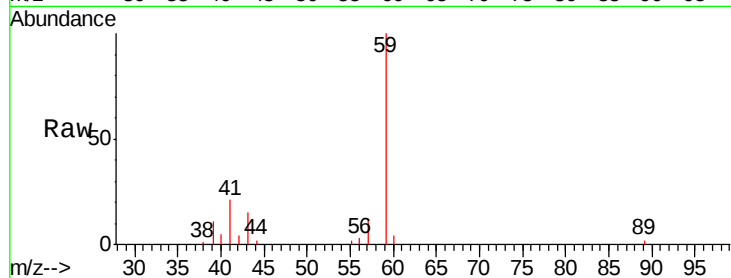
Tert butyl alcohol
Concen: 228.823 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion: 59 Resp: 14673
Ion Ratio Lower Upper
59 100
57 11.4 7.6 11.4

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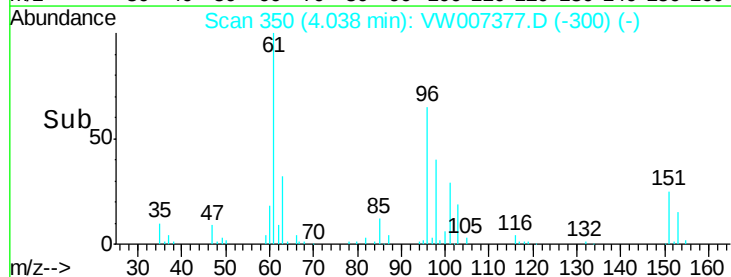
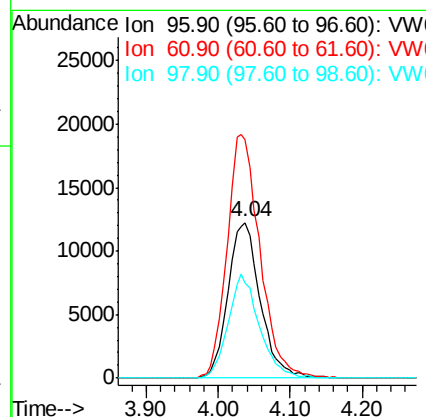
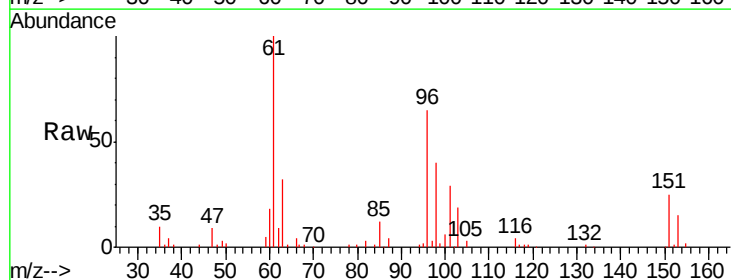
MMDadoda
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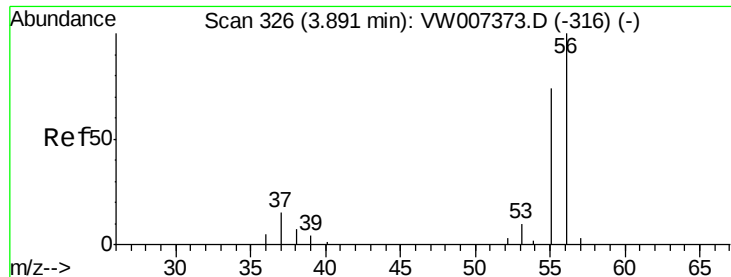


#12

1,1-Dichloroethene
Concen: 46.190 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 96 Resp: 38133
Ion Ratio Lower Upper
96 100
61 153.4 126.2 189.2
98 61.3 48.3 72.5





#13

Acrolein

Concen: 204.948 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

Tgt Ion: 56 Resp: 8696

Ion Ratio Lower Upper

56 100

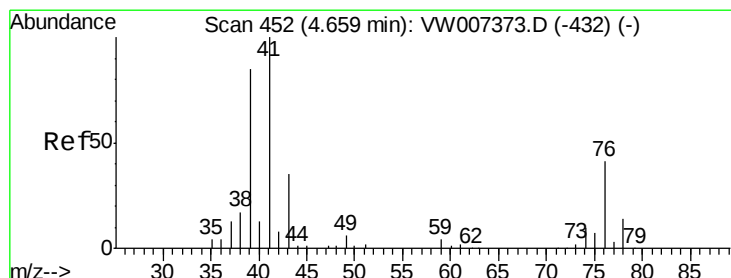
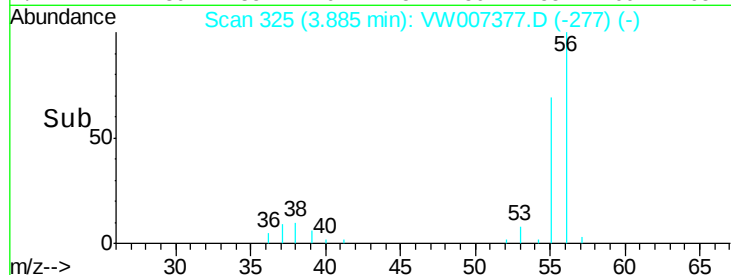
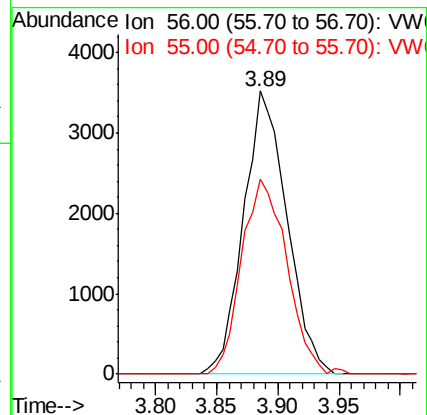
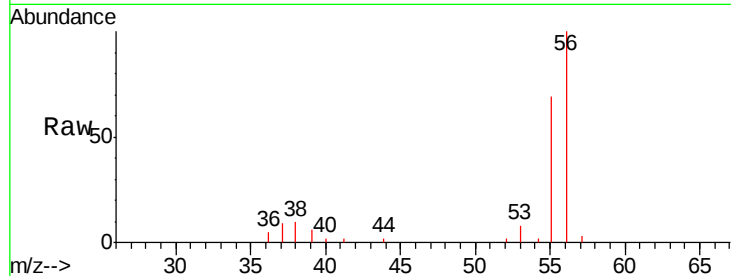
55 71.6 57.4 86.2

Manual Integrations

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#14

Allyl chloride

Concen: 47.886 ug/l

RT: 4.66 min Scan# 452

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

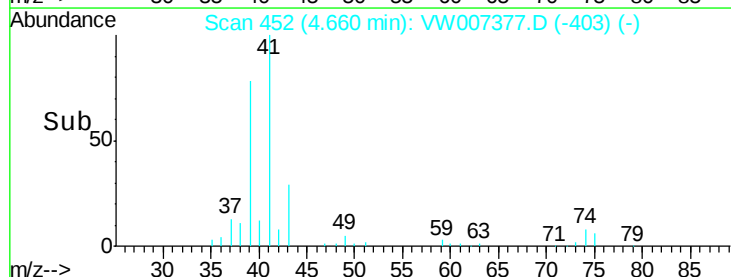
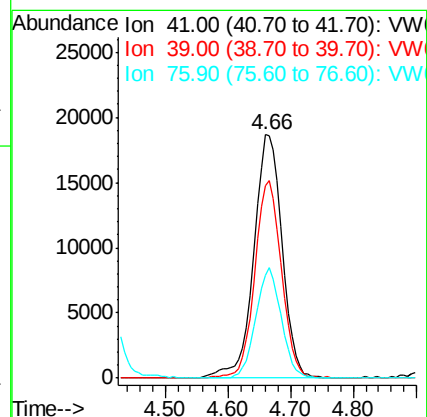
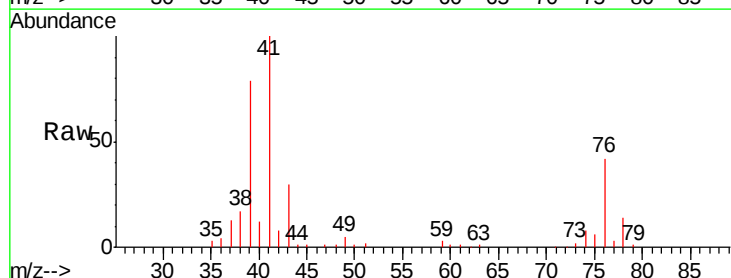
Tgt Ion: 41 Resp: 58273

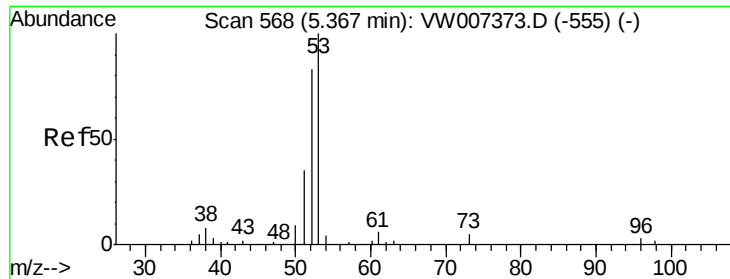
Ion Ratio Lower Upper

41 100

39 76.5 63.4 95.2

76 40.5 32.1 48.1





#15

Acrylonitrile

Concen: 220.559 ug/l

RT: 5.36 min Scan# 567

Delta R.T. -0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

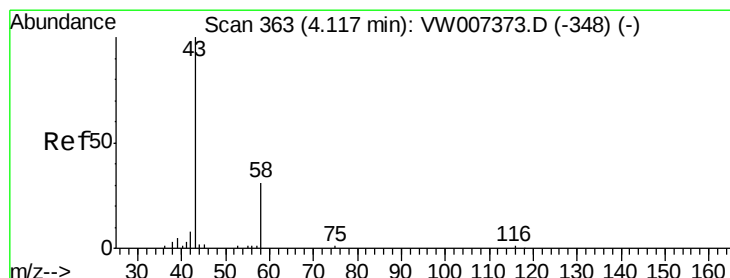
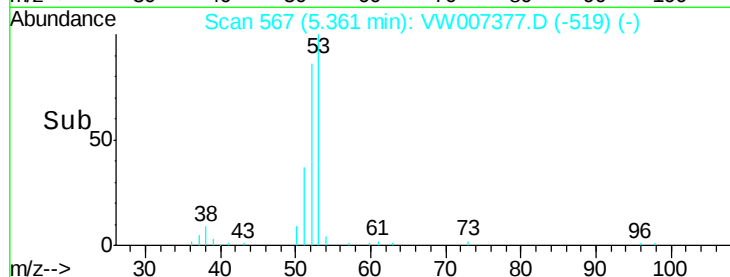
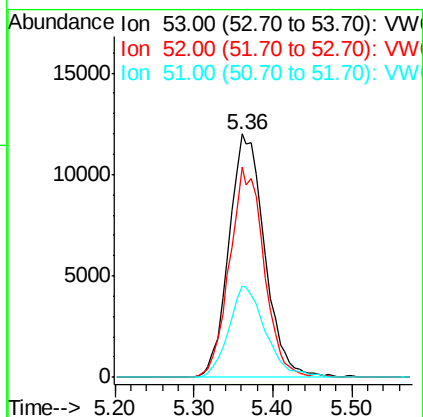
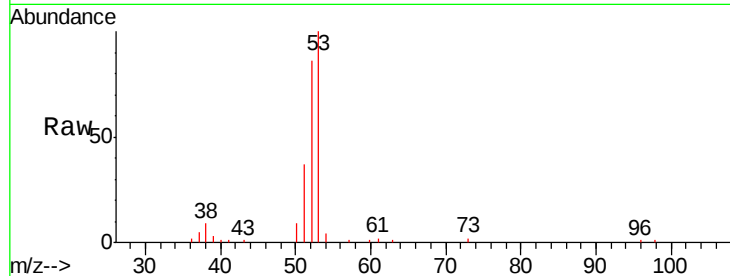
ClientSampleId :

ICVW121118

Tgt Ion:	53	Resp:	37817
Ion	Ratio	Lower	Upper
53	100		
52	83.0	67.4	101.2
51	38.4	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 220.449 ug/l

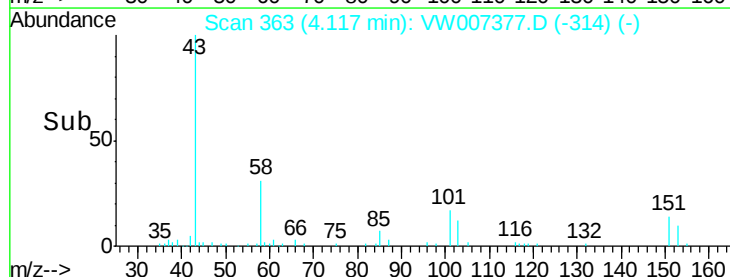
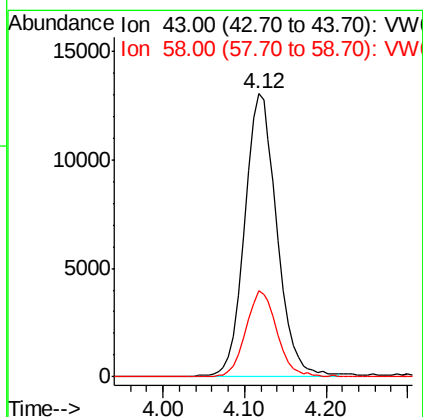
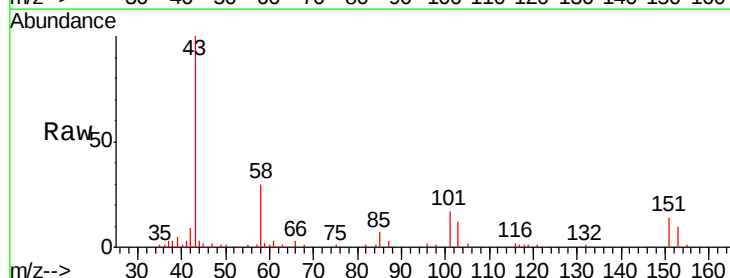
RT: 4.12 min Scan# 363

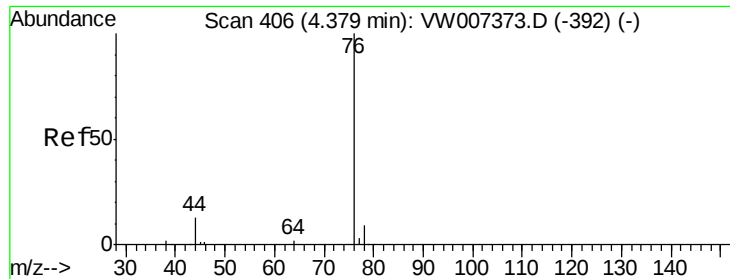
Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Tgt Ion:	43	Resp:	35952
Ion	Ratio	Lower	Upper
43	100		
58	30.5	24.9	37.3





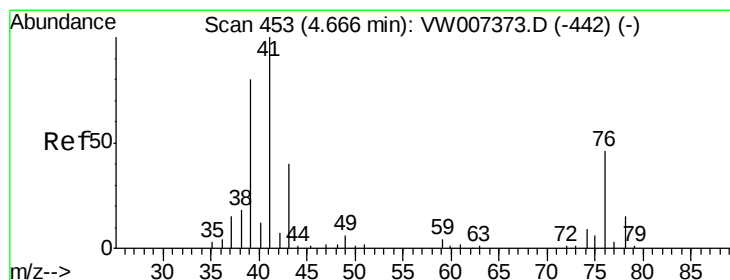
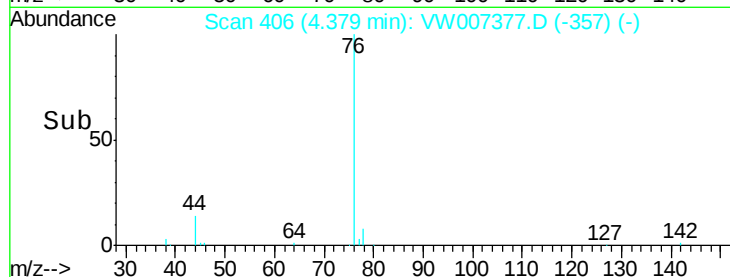
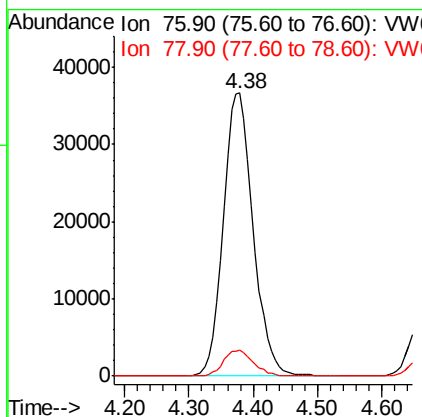
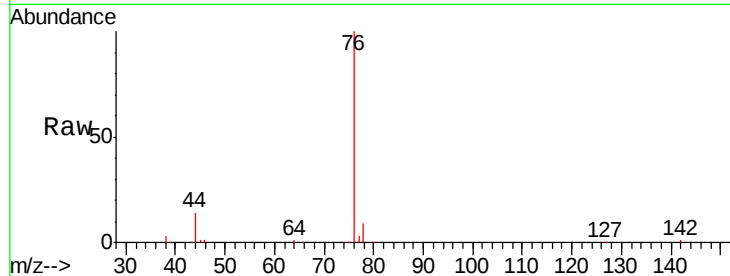
#17
Carbon Disulfide
Concen: 47.551 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion: 76 Resp: 119029
Ion Ratio Lower Upper
76 100
78 9.2 7.1 10.7

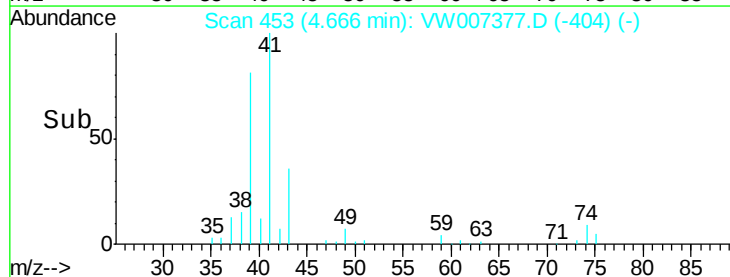
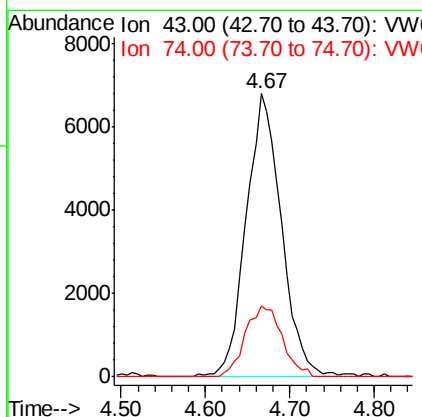
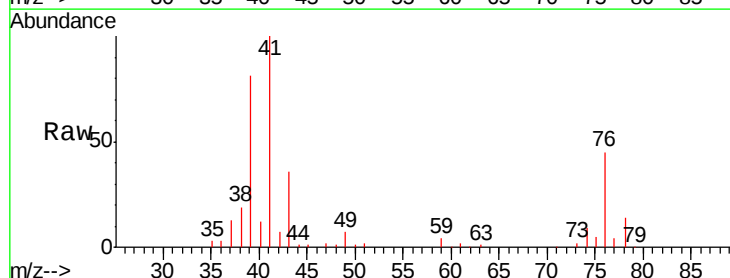
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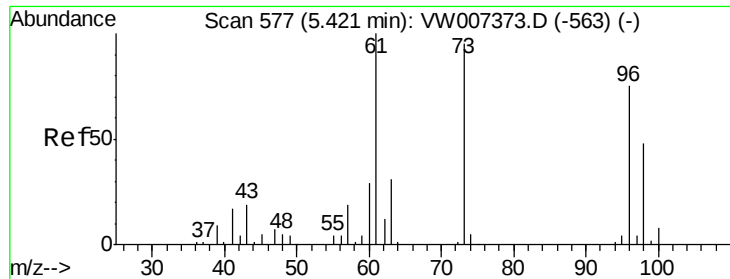
MMDadoda
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#18
Methyl Acetate
Concen: 43.686 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 43 Resp: 19337
Ion Ratio Lower Upper
43 100
74 26.2 21.1 31.7





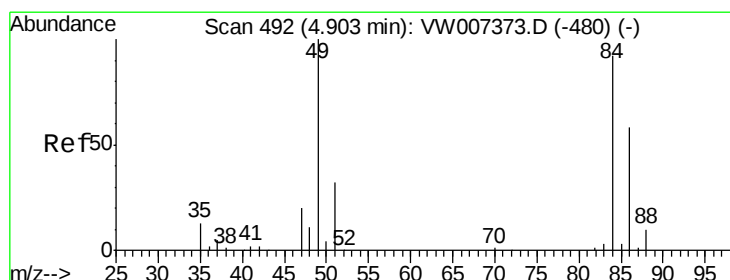
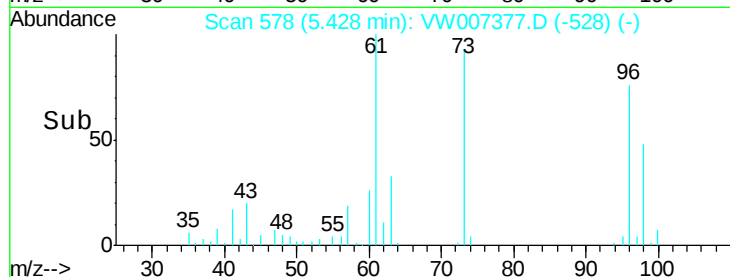
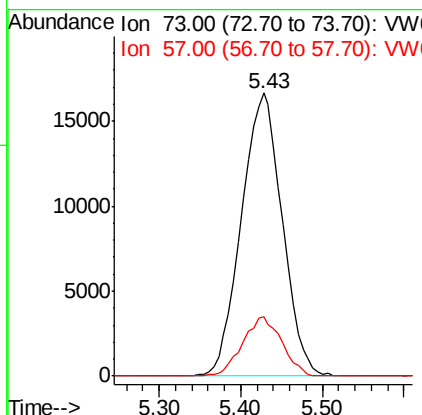
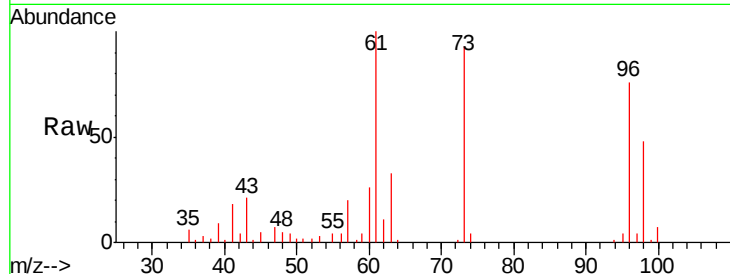
#19
Methyl tert-butyl Ether
Concen: 46.573 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion: 73 Resp: 58003
Ion Ratio Lower Upper
73 100
57 20.9 16.4 24.6

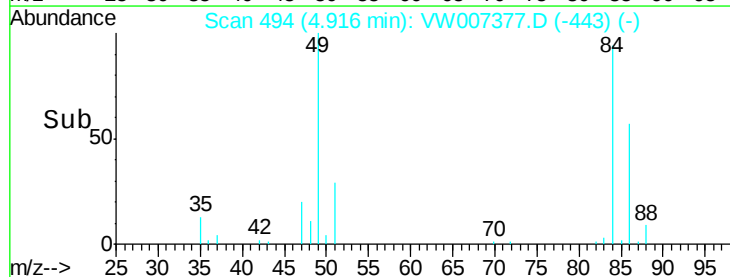
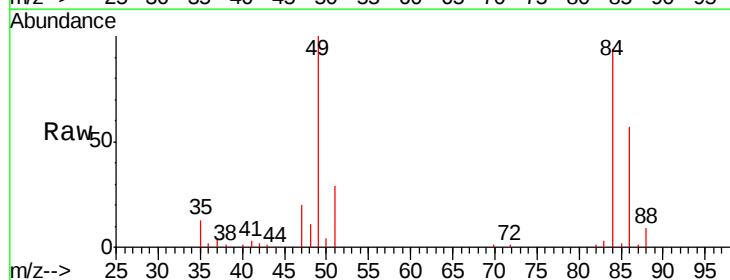
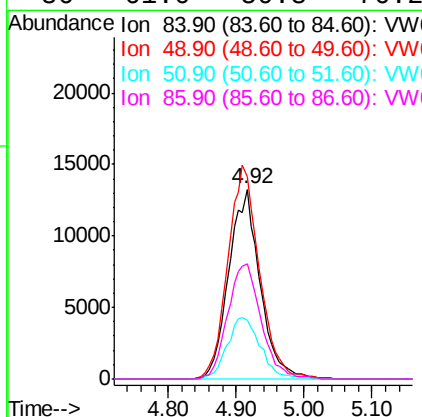
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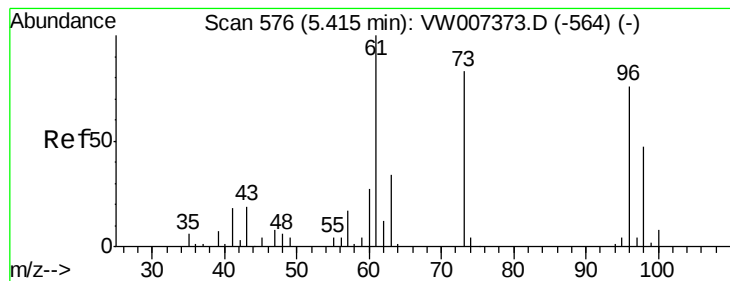
MMDadoda
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#20
Methylene Chloride
Concen: 47.128 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 84 Resp: 42231
Ion Ratio Lower Upper
84 100
49 106.7 87.1 130.7
51 31.3 28.2 42.2
86 61.0 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 46.909 ug/l

RT: 5.42 min Scan# 577

Delta R.T. 0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

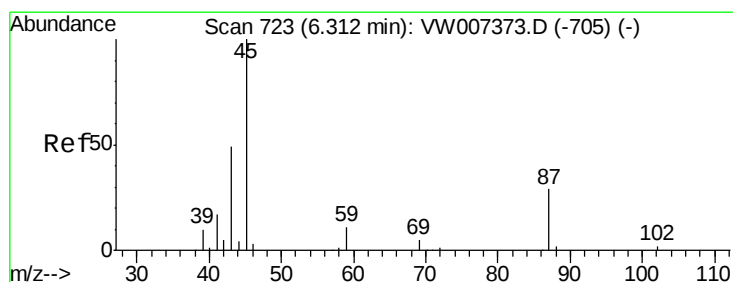
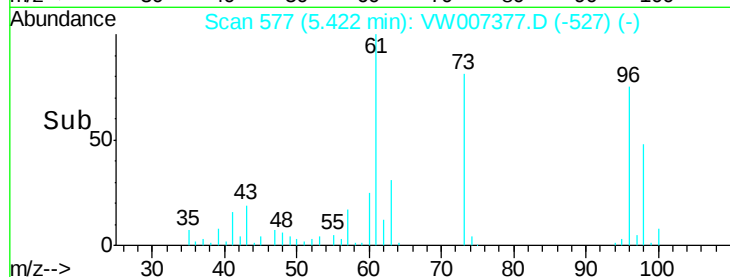
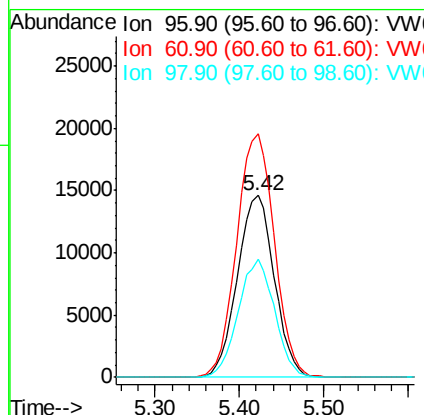
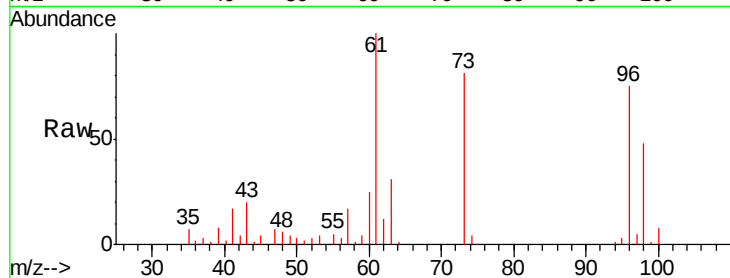
ClientSampleId :

ICVW121118

Tgt Ion:	96	Resp:	43322
Ion	Ratio	Lower	Upper
96	100		
61	134.0	105.0	157.6
98	64.9	49.7	74.5

Manual Integrations
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#22

Diisopropyl ether

Concen: 47.384 ug/l

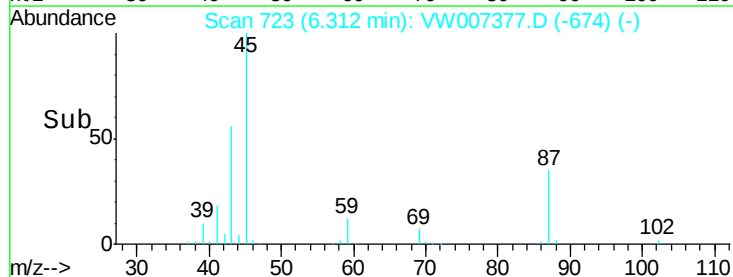
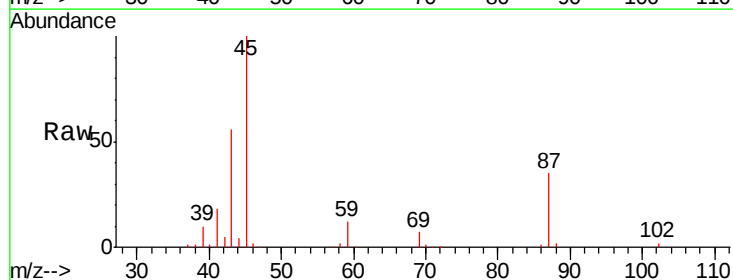
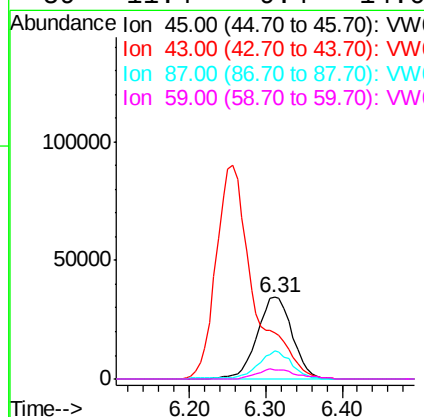
RT: 6.31 min Scan# 723

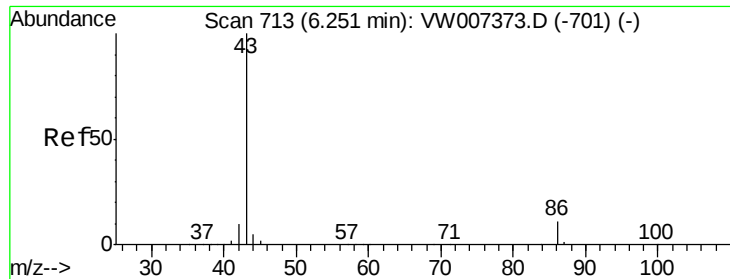
Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Tgt Ion:	45	Resp:	110835
Ion	Ratio	Lower	Upper
45	100		
43	55.9	41.6	62.4
87	35.2	24.3	36.5
59	11.4	9.4	14.0





#23

Vinyl Acetate

Concen: 233.517 ug/l

RT: 6.26 min Scan# 714

Delta R.T. 0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

Tgt Ion: 43 Resp: 305517

Ion Ratio Lower Upper

43 100

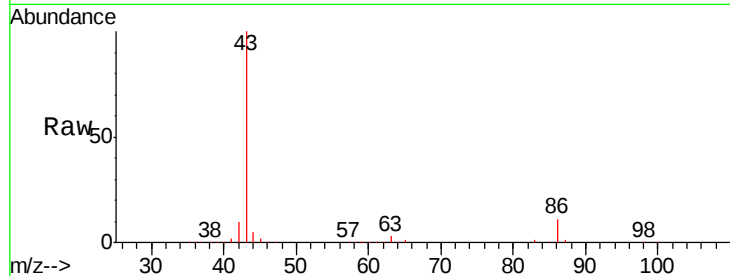
86 10.6 8.6 12.8

Manual Integrations

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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

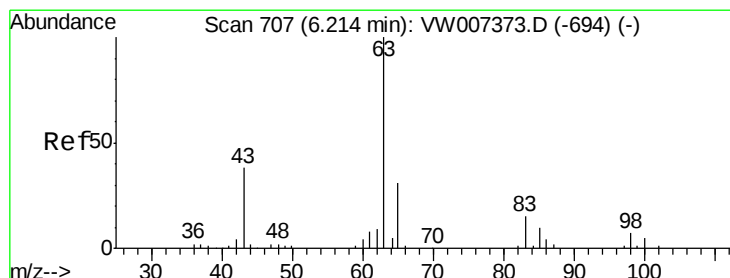
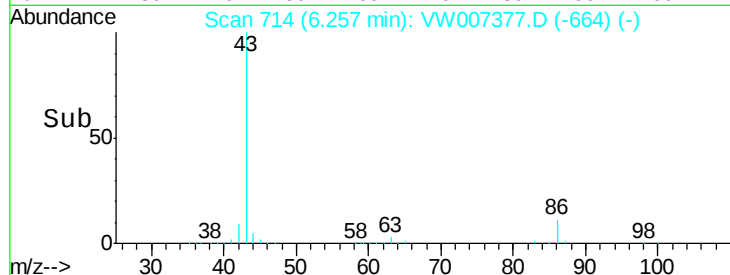
60000

40000

20000

0

Time-->



#24

1,1-Dichloroethane

Concen: 45.189 ug/l

RT: 6.21 min Scan# 706

Delta R.T. -0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

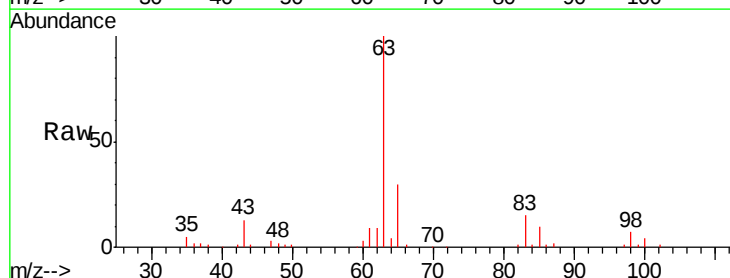
Tgt Ion: 63 Resp: 71440

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.4

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

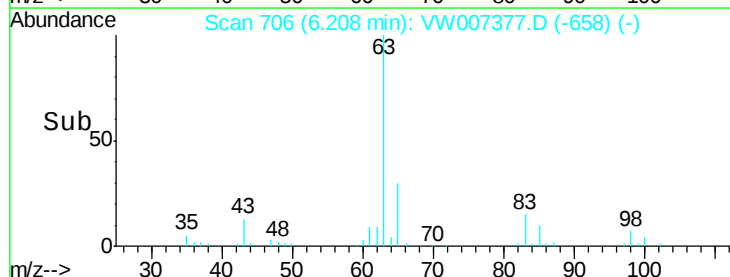
15000

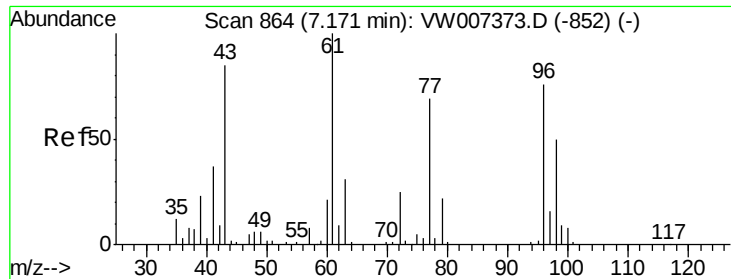
10000

5000

0

Time-->





#25

2-Butanone

Concen: 222.198 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

Tgt Ion: 43 Resp: 47308

Ion Ratio Lower Upper

43 100

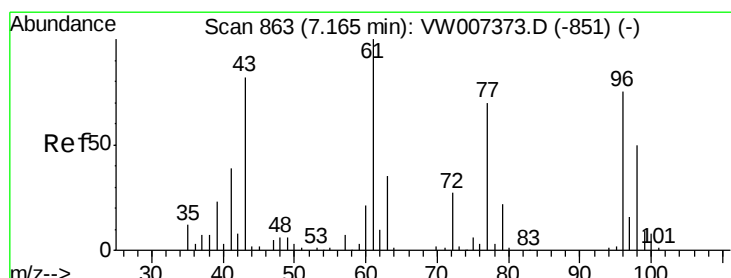
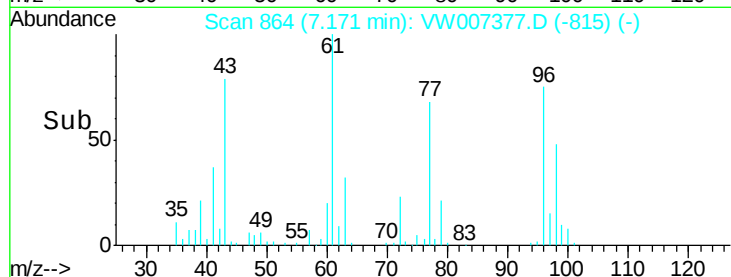
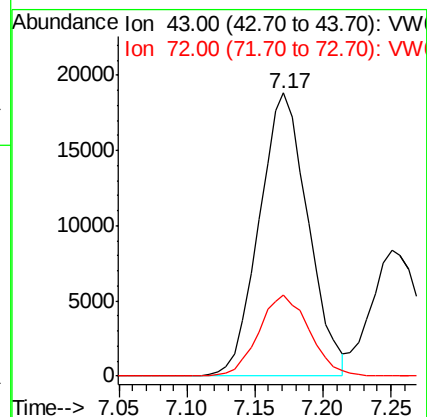
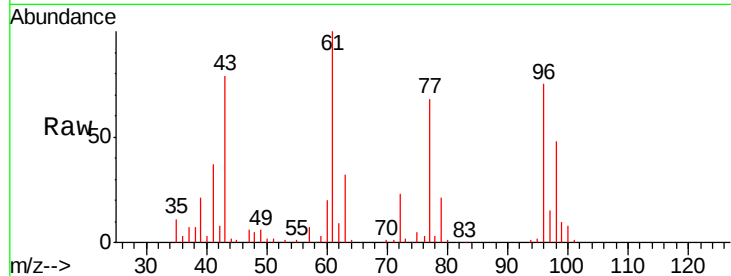
72 28.7 23.4 35.2

Manual Integrations

APPROVED

MMDadoda

12/11/2018 4:55:59 PM



#26

2,2-Dichloropropane

Concen: 47.341 ug/l

RT: 7.17 min Scan# 863

Delta R.T. 0.00 min

Lab File: VW007377.D

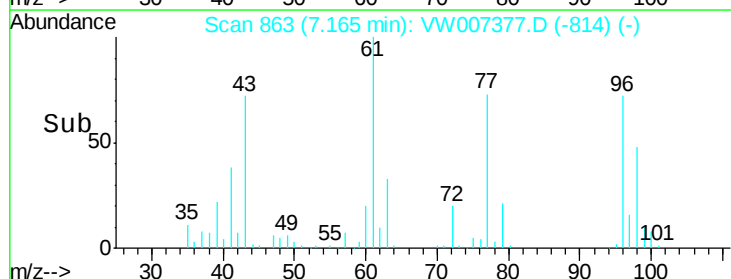
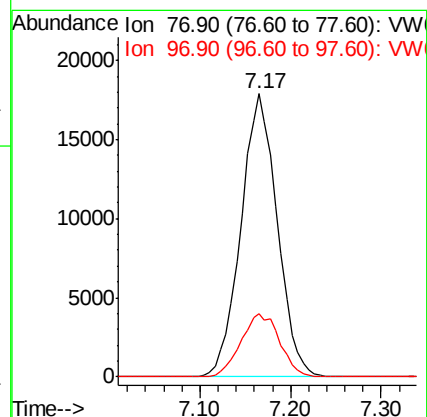
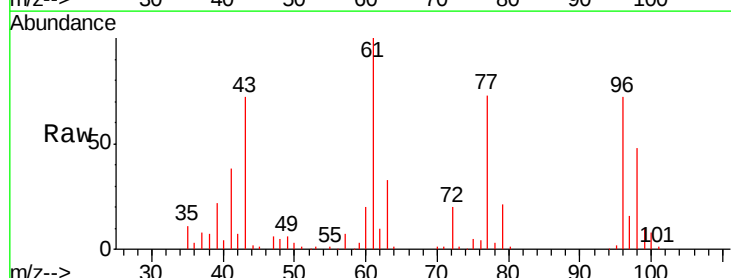
Acq: 11 Dec 2018 02:15

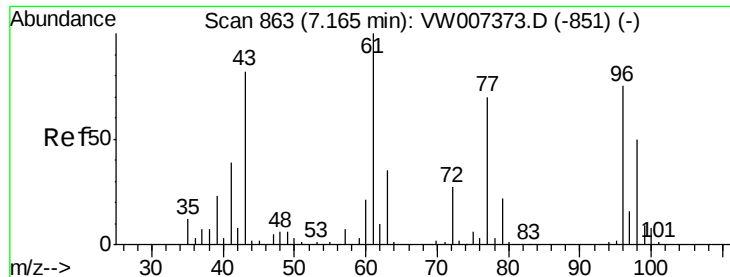
Tgt Ion: 77 Resp: 49531

Ion Ratio Lower Upper

77 100

97 23.8 11.6 34.8





#27

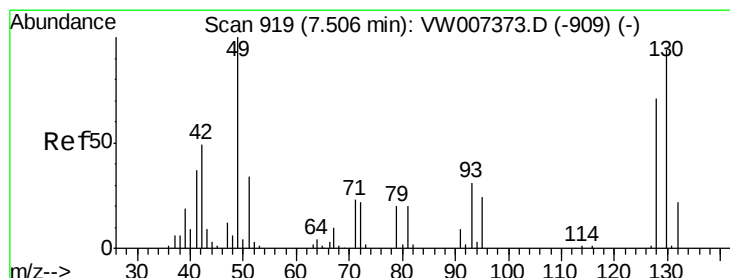
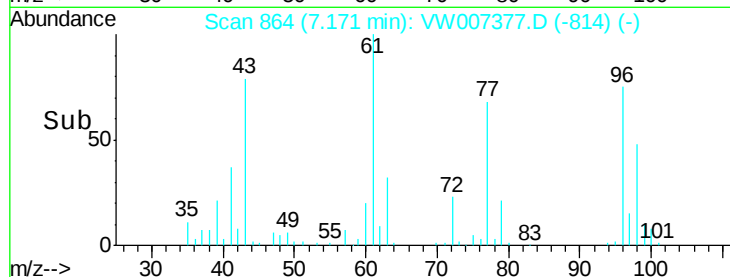
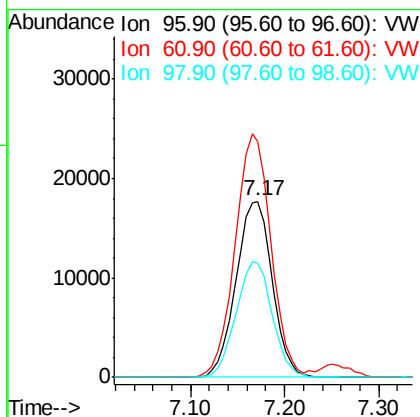
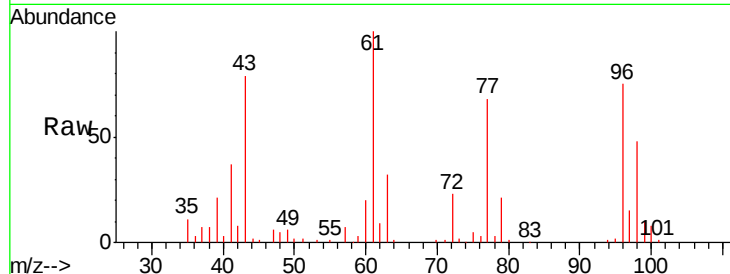
cis-1,2-Dichloroethene
Concen: 47.133 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion	Ratio	Lower	Upper
96	100		
61	136.2	0.0	268.4
98	65.2	0.0	127.8

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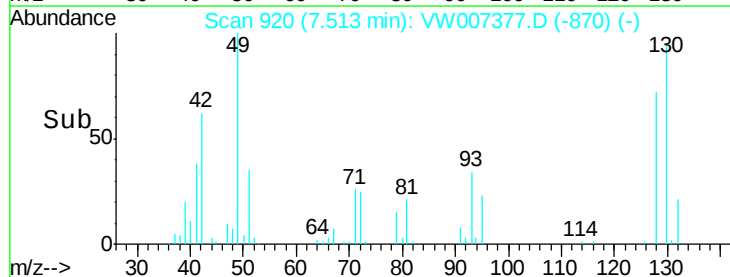
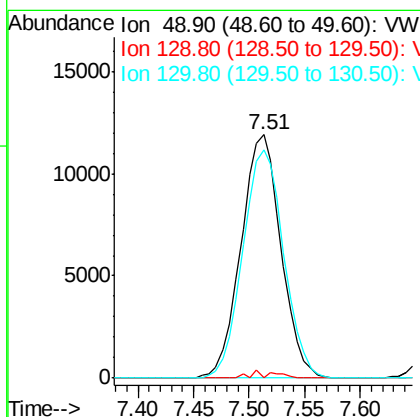
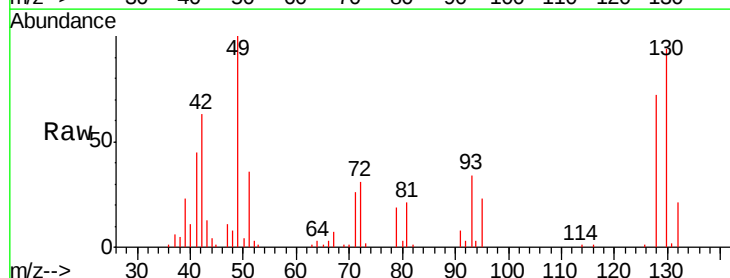
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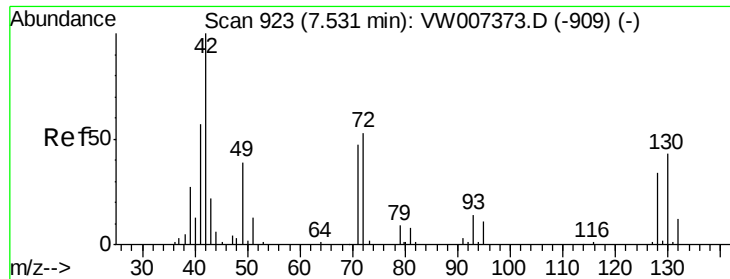


#28

Bromochloromethane
Concen: 49.890 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	1.0	0.0	2.6
130	96.1	75.9	113.9





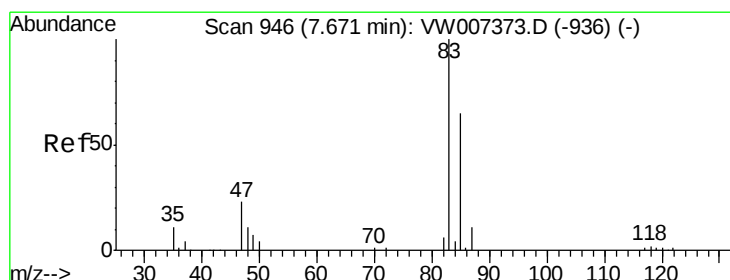
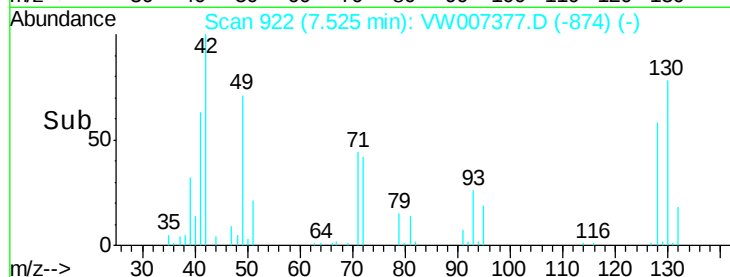
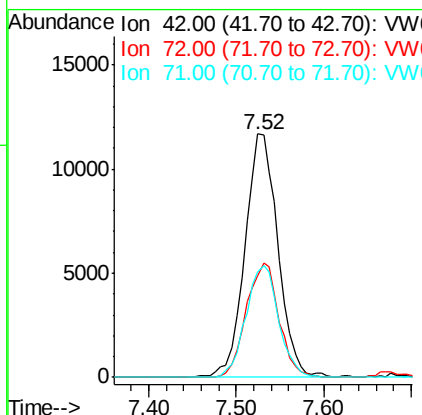
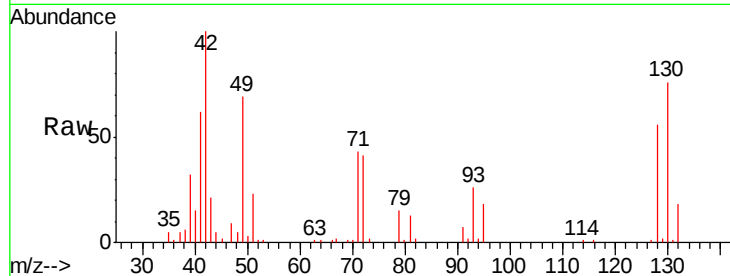
#29
Tetrahydrofuran
Concen: 226.130 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.6	38.2	57.4
71	45.5	35.5	53.3

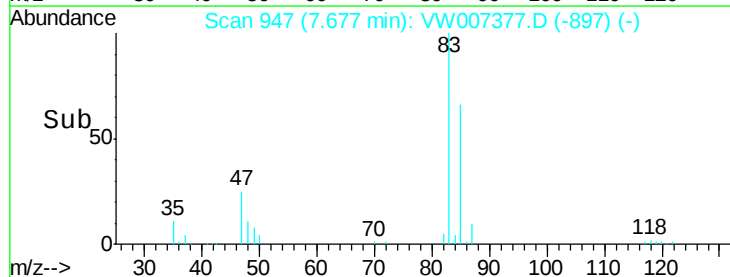
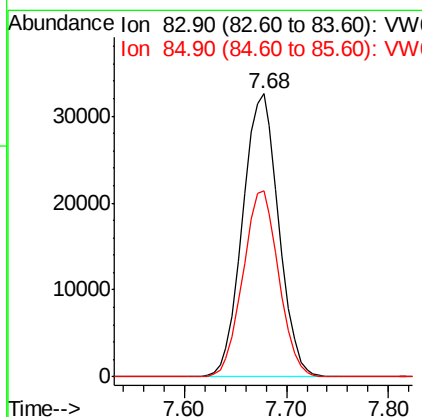
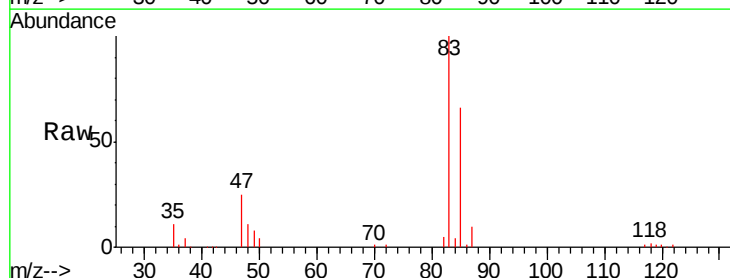
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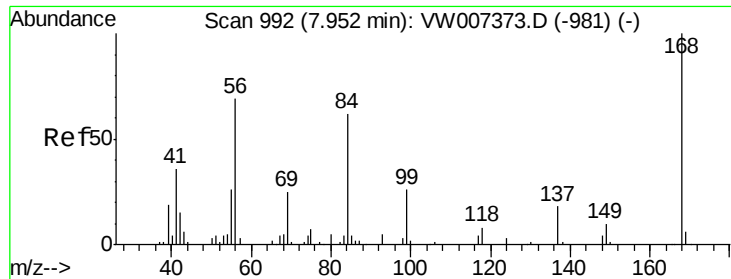
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#30
Chloroform
Concen: 46.444 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.6	51.8	77.8





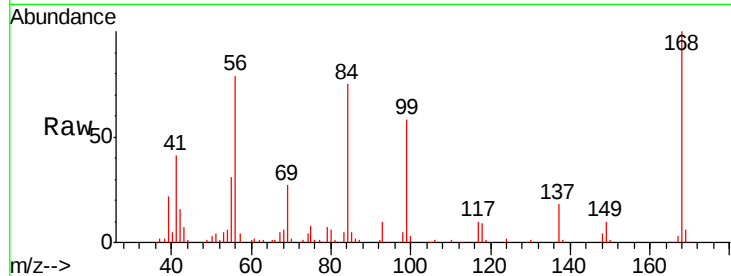
#31
Cyclohexane
Concen: 44.273 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

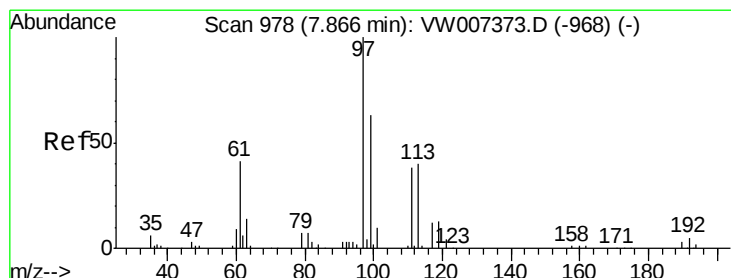
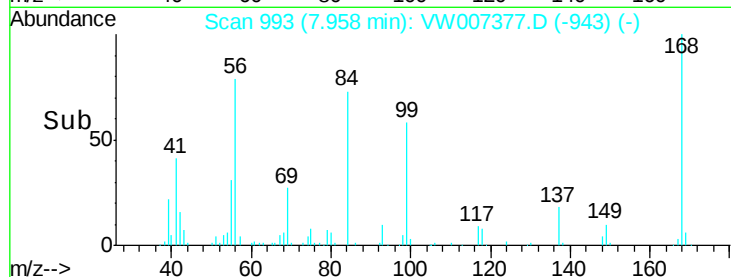
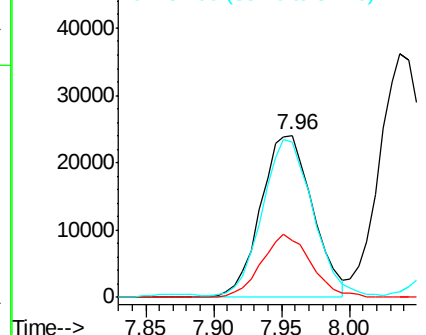
Tgt Ion: 56 Resp: 64216
Ion Ratio Lower Upper
56 100
69 34.8 28.9 43.3
84 94.2 71.8 107.6

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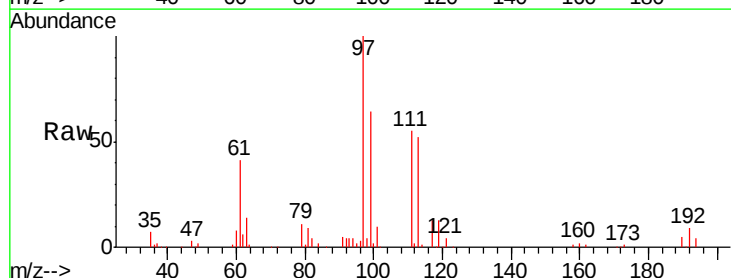


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

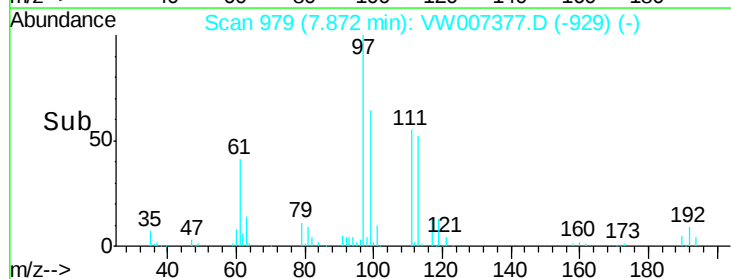
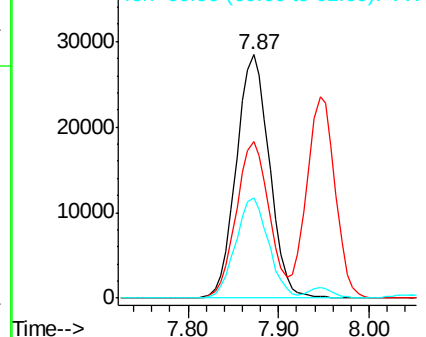


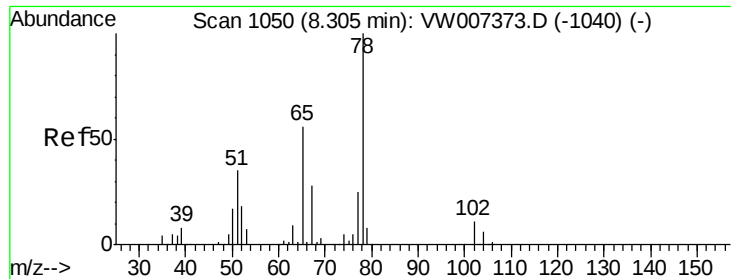
#32
1,1,1-Trichloroethane
Concen: 47.724 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 97 Resp: 72000
Ion Ratio Lower Upper
97 100
99 64.1 51.1 76.7
61 41.0 33.2 49.8



Abundance Ion 96.90 (96.60 to 97.60): VW
Ion 98.90 (98.60 to 99.60): VW
Ion 60.90 (60.60 to 61.60): VW





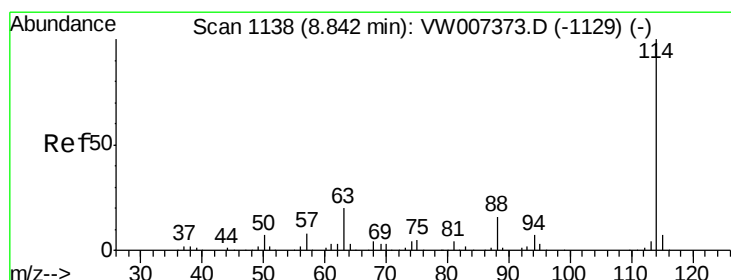
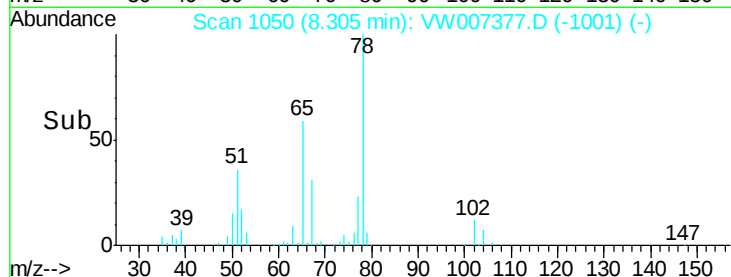
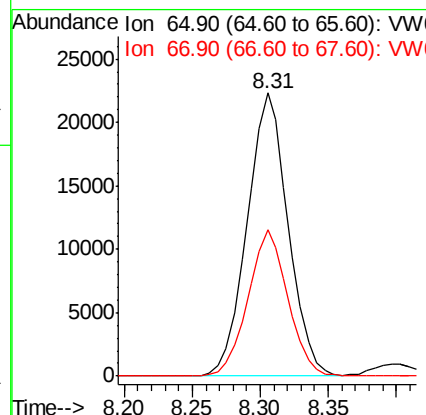
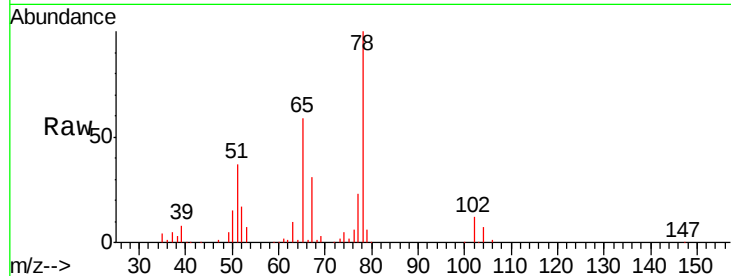
#33
 1,2-Dichloroethane-d4
 Concen: 50.303 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW121118

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	46967		
67	50.2	0.0	101.6	

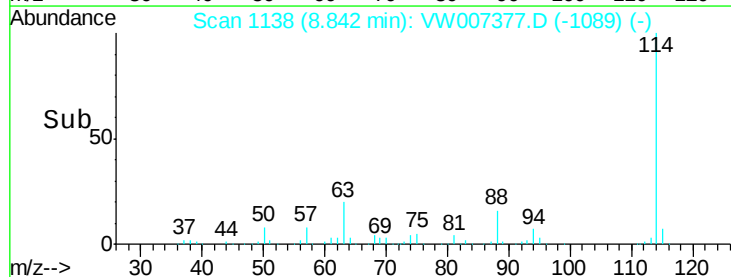
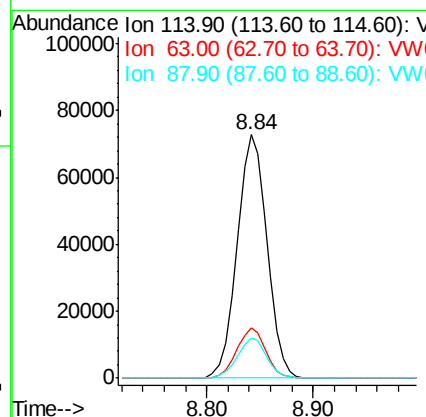
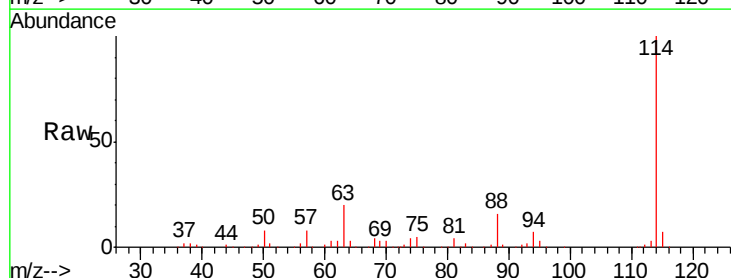
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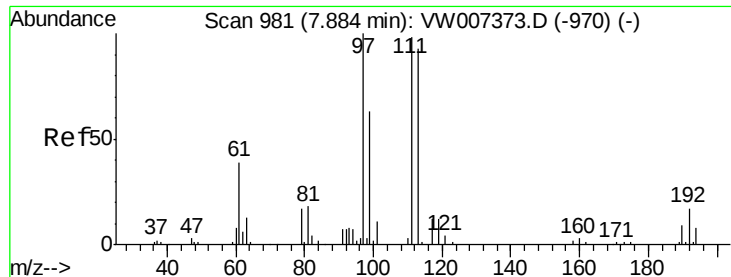
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	143057		
63	20.5	0.0	39.6	
88	16.4	0.0	31.4	





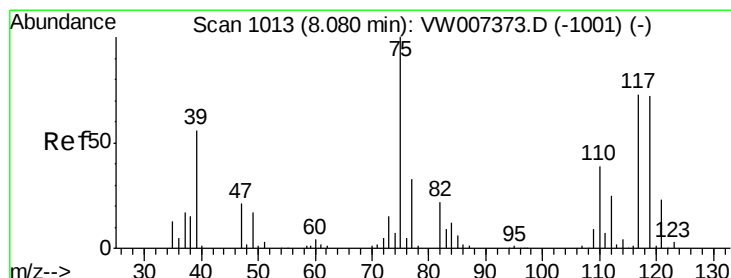
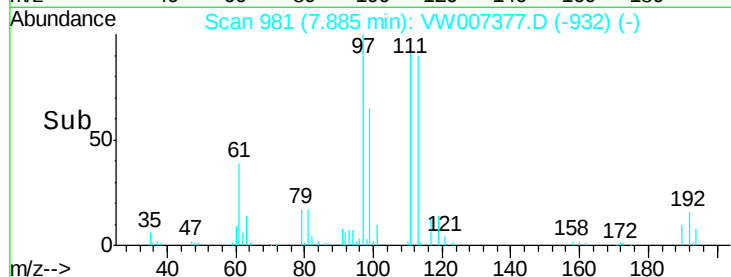
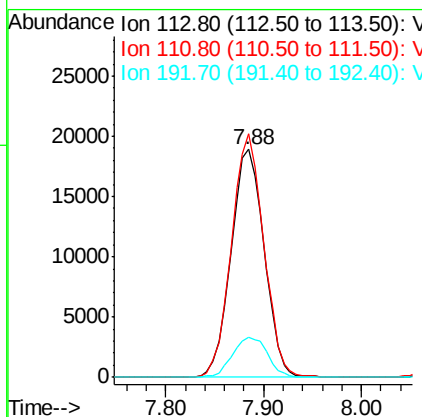
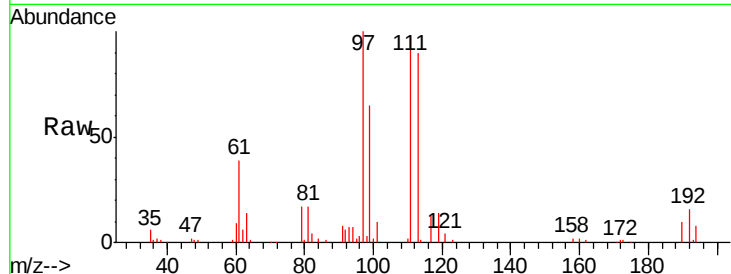
#35
Dibromofluoromethane
Concen: 51.546 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion: 113 Resp: 44638
Ion Ratio Lower Upper
113 100
111 103.7 81.1 121.7
192 18.3 14.6 21.8

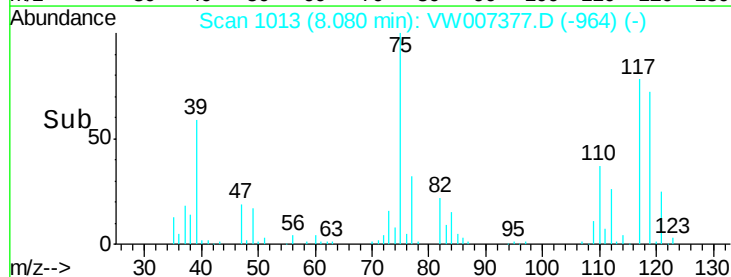
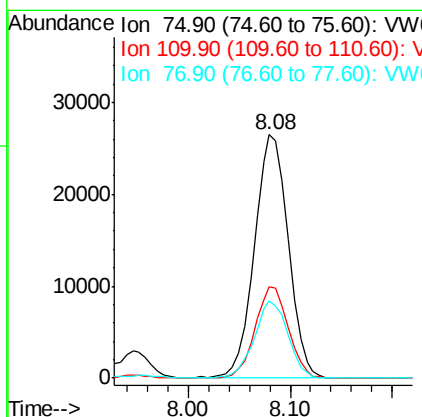
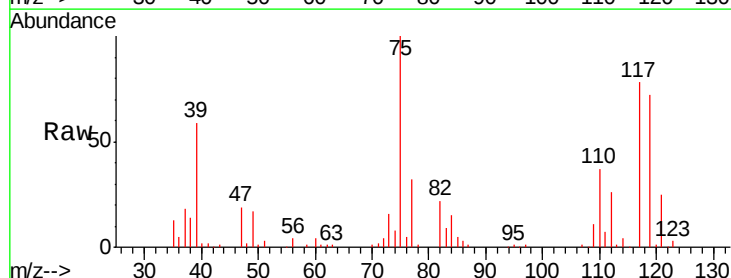
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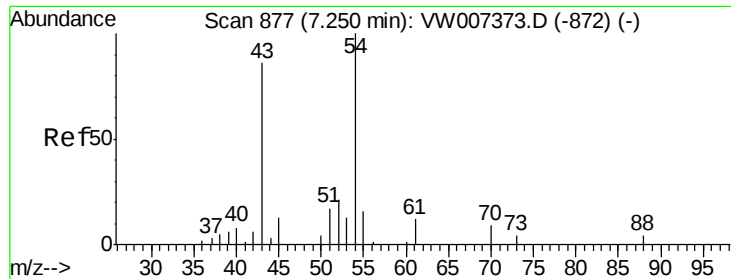
MMDadoda
12/11/2018 4:55:59 PM



#36
1,1-Dichloropropene
Concen: 46.905 ug/l
RT: 8.08 min Scan# 1013
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 75 Resp: 61212
Ion Ratio Lower Upper
75 100
110 36.5 18.5 55.5
77 31.4 25.6 38.4





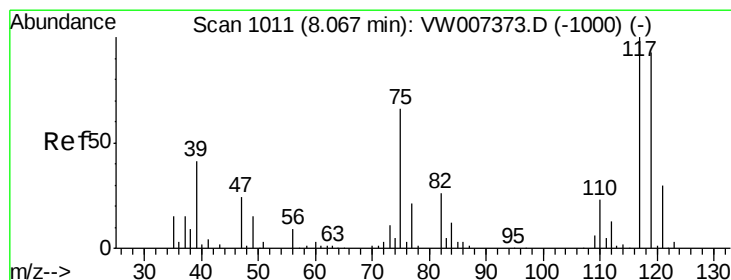
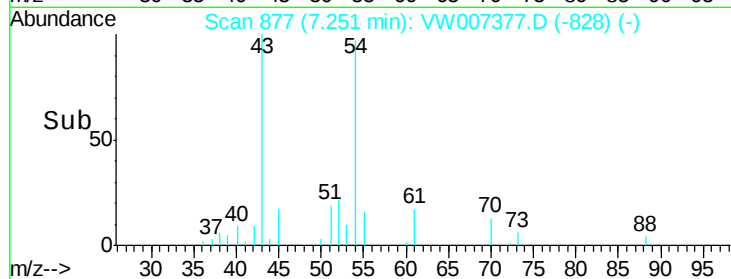
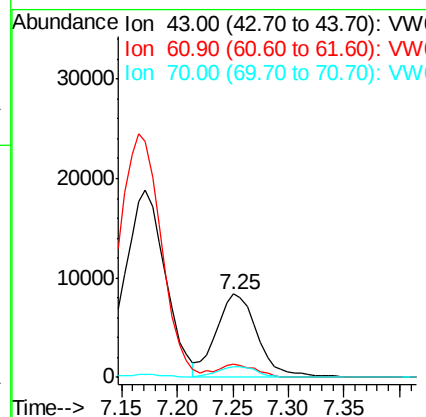
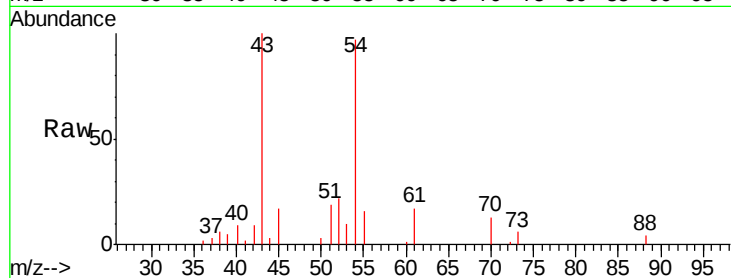
#37
Ethyl Acetate
Concen: 44.594 ug/l
RT: 7.25 min Scan# 877
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion	Ratio	Lower	Upper
43	100		
61	12.8	12.1	18.1
70	12.3	10.0	15.0

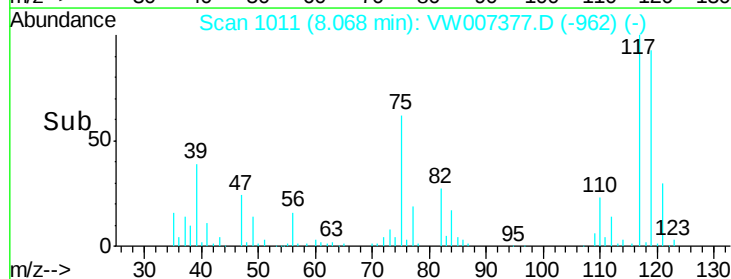
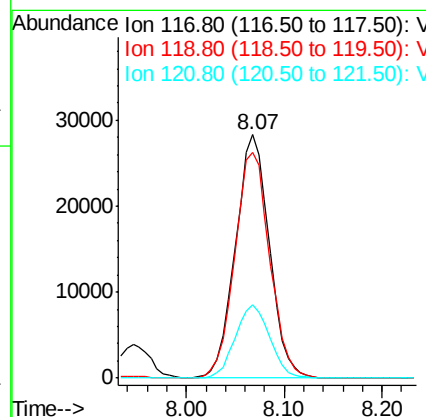
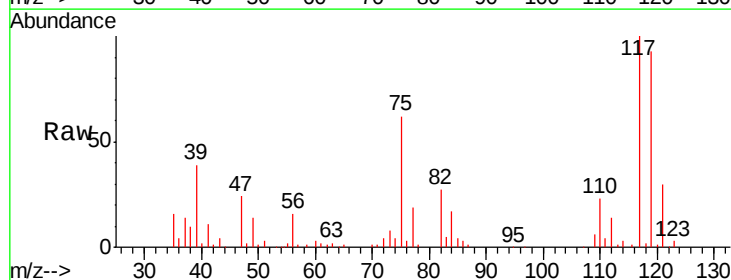
Manual Integrations
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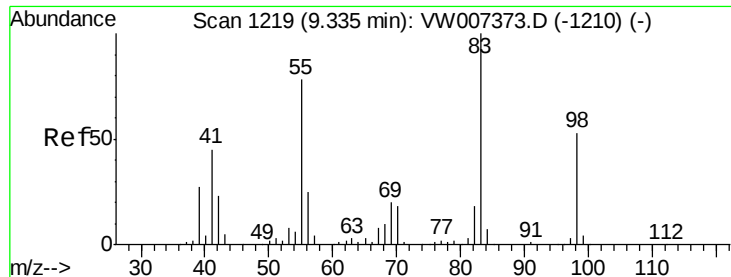
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12/11/2018 4:55:59 PM



#38
Carbon Tetrachloride
Concen: 47.950 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.7	74.3	111.5
121	30.1	24.3	36.5





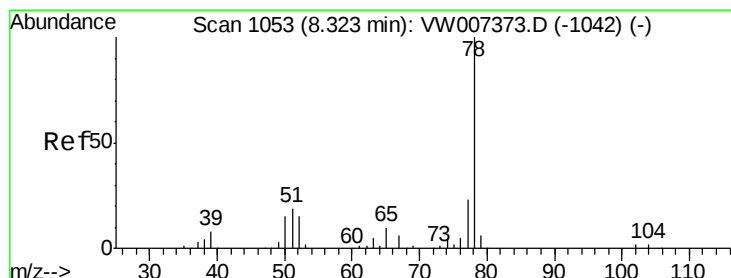
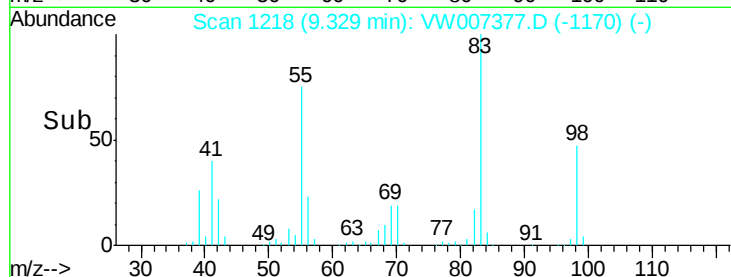
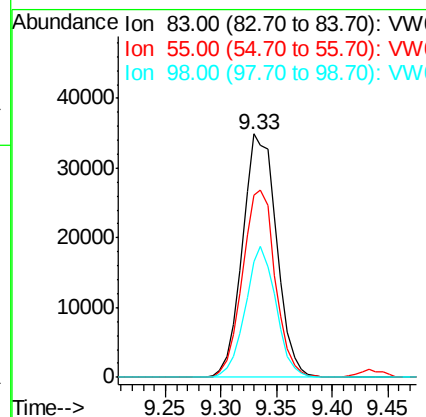
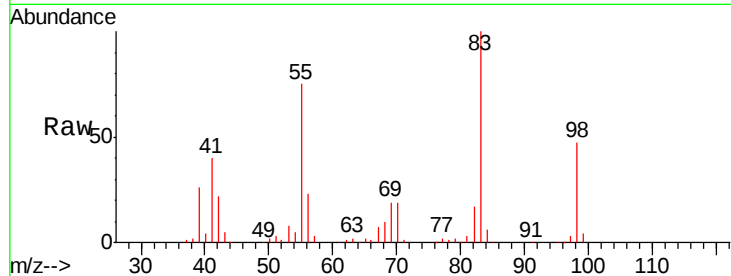
#39
Methylcyclohexane
Concen: 46.963 ug/l
RT: 9.33 min Scan# 1218
Delta R.T. -0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion	Ratio	Lower	Upper
83	100		
55	74.6	62.8	94.2
98	47.4	42.2	63.2

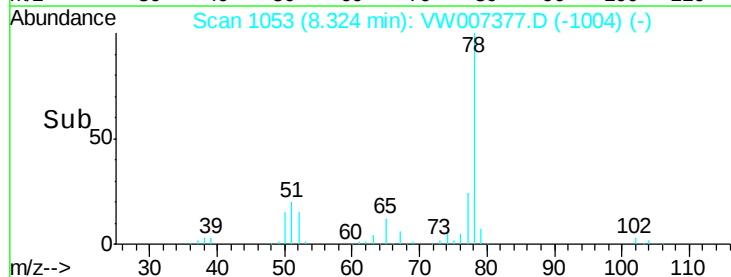
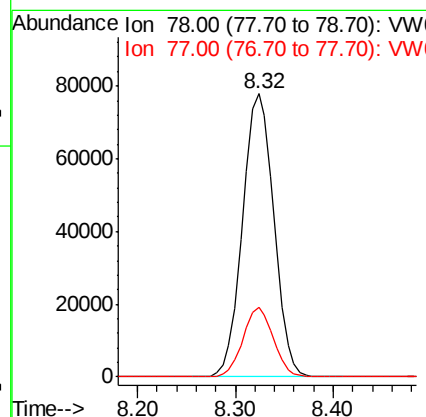
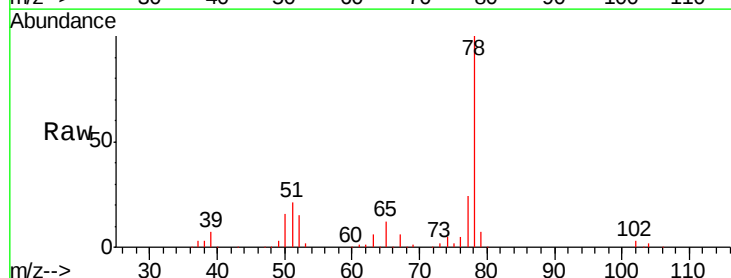
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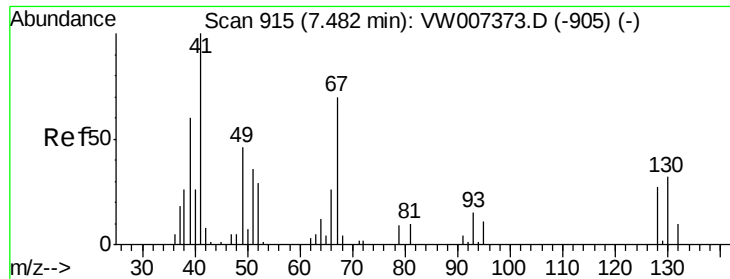
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#40
Benzene
Concen: 47.775 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.5	18.8	28.2





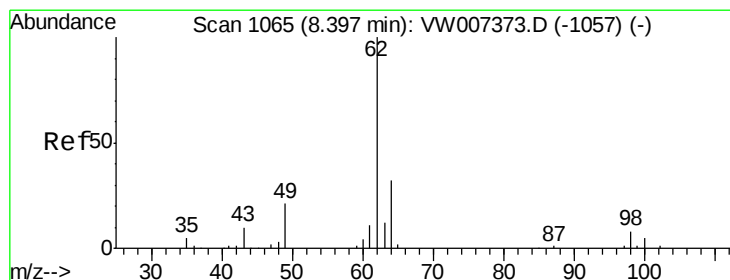
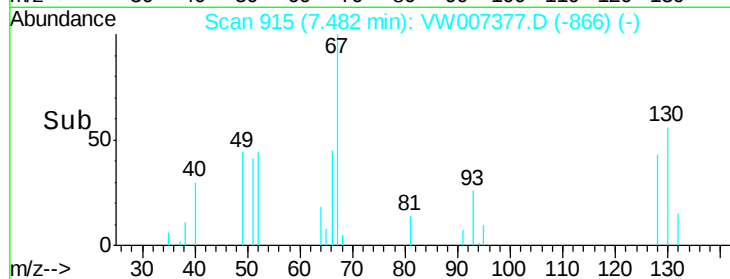
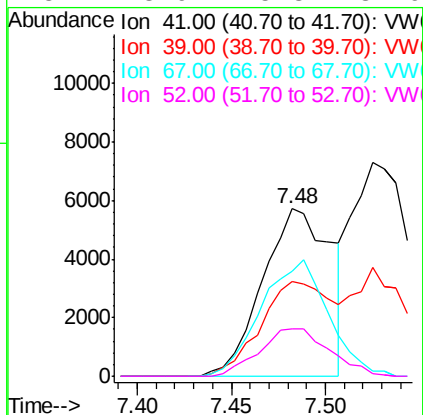
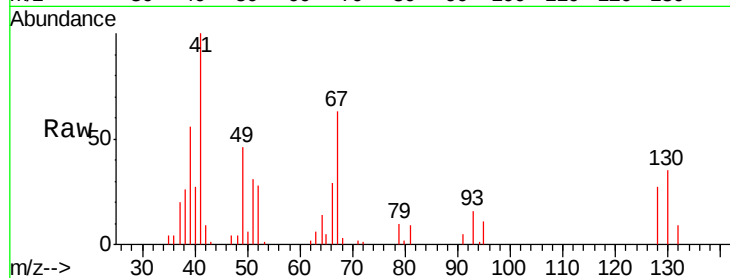
#41
Methacrylonitrile
Concen: 52.076 ug/l
RT: 7.48 min Scan# 915
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion:	41	Resp:	14394
Ion	Ratio	Lower	Upper
41	100		
39	58.9	52.2	78.2
67	68.2	60.5	90.7
52	28.9	25.3	37.9

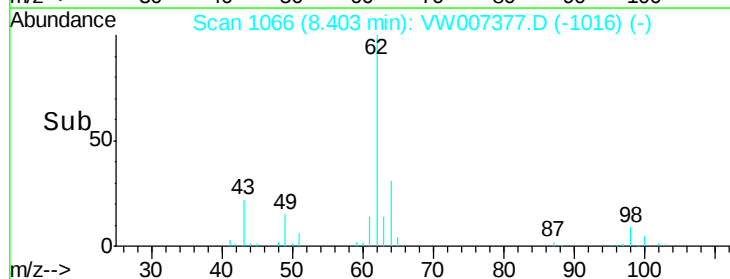
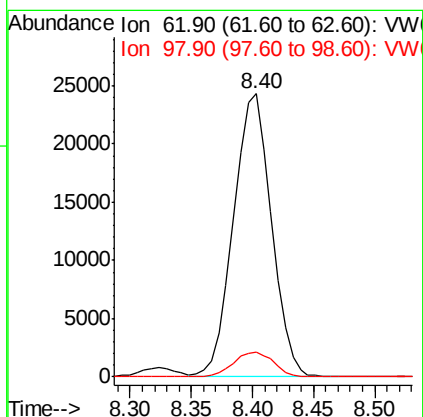
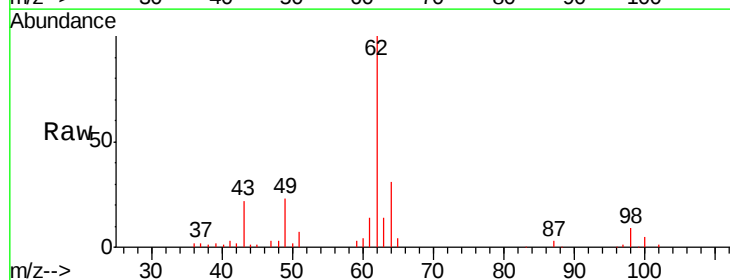
Manual Integrations
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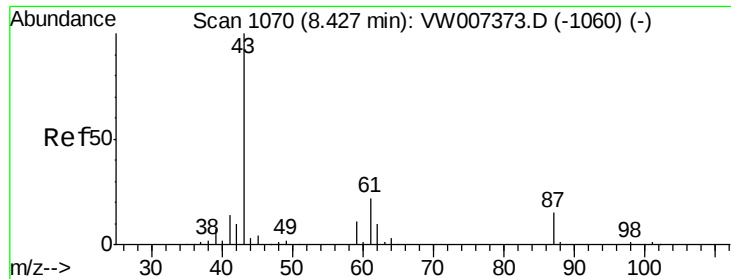
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#42
1,2-Dichloroethane
Concen: 46.134 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion:	62	Resp:	52485
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	17.6





#43

Isopropyl Acetate

Concen: 45.660 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

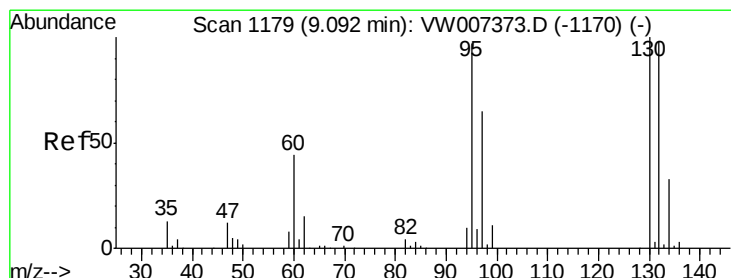
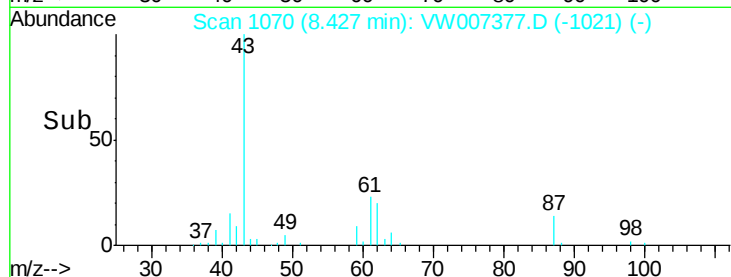
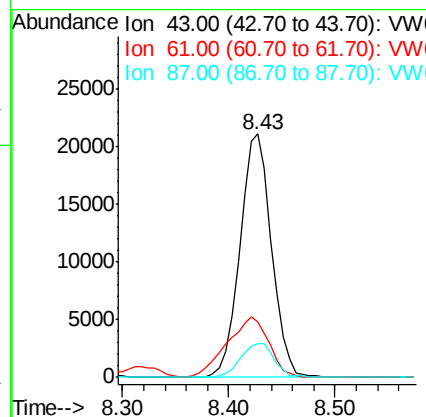
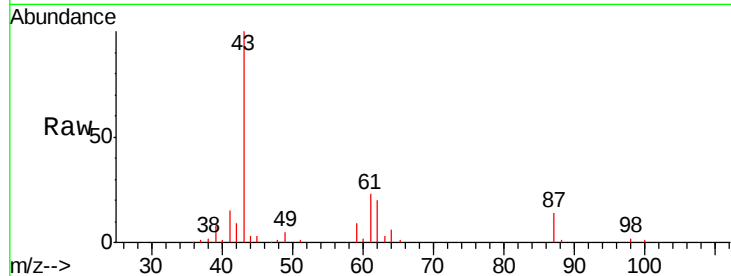
ClientSampleId :

ICVW121118

Tgt Ion:	43	Resp:	43778
Ion	Ratio	Lower	Upper
43	100		
61	32.8	25.3	37.9
87	14.8	11.8	17.8

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#44

Trichloroethene

Concen: 48.564 ug/l

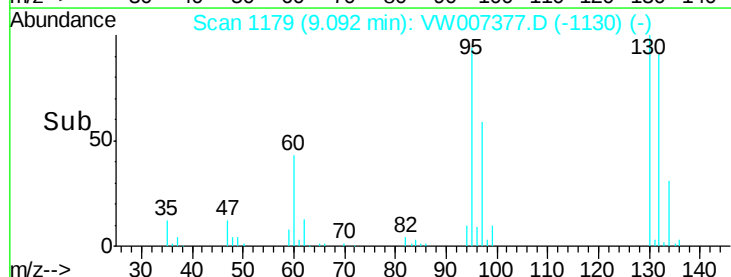
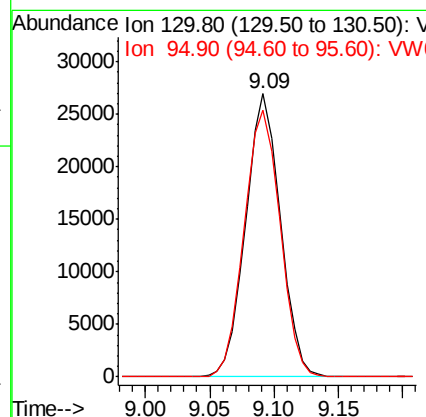
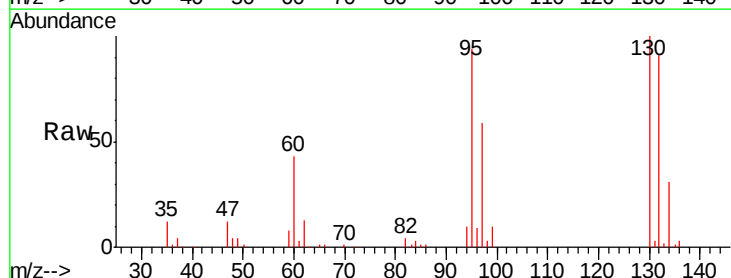
RT: 9.09 min Scan# 1179

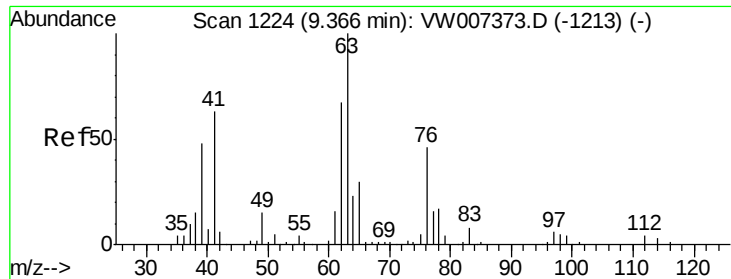
Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Tgt Ion:	130	Resp:	50225
Ion	Ratio	Lower	Upper
130	100		
95	94.2	0.0	193.2





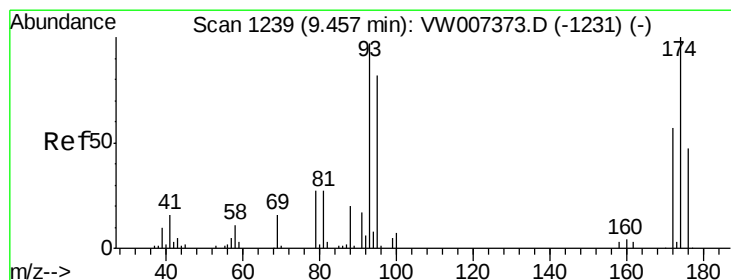
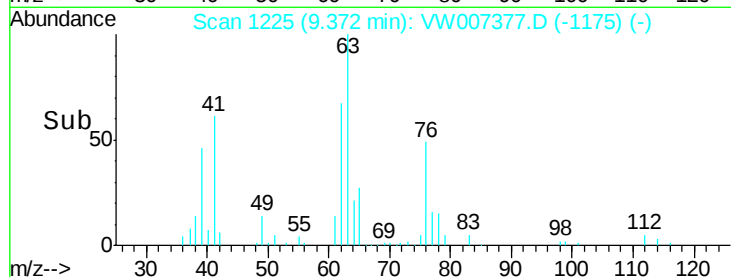
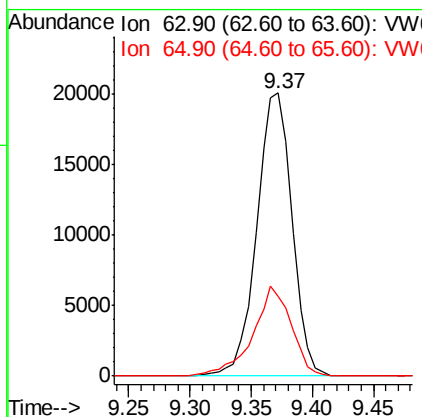
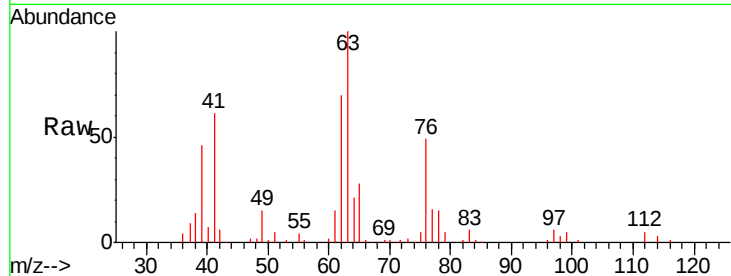
#45
 1,2-Dichloropropane
 Concen: 47.992 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

Tgt Ion: 63 Resp: 40222
 Ion Ratio Lower Upper
 63 100
 65 28.1 24.4 36.6

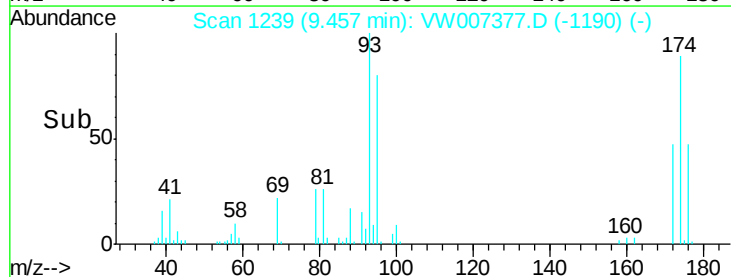
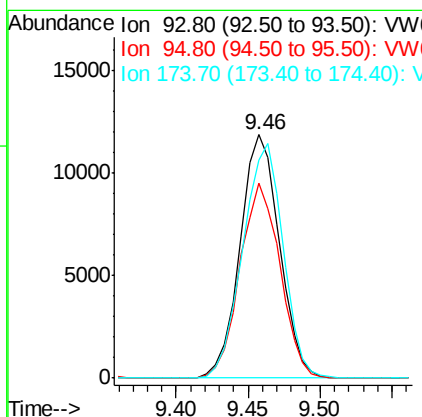
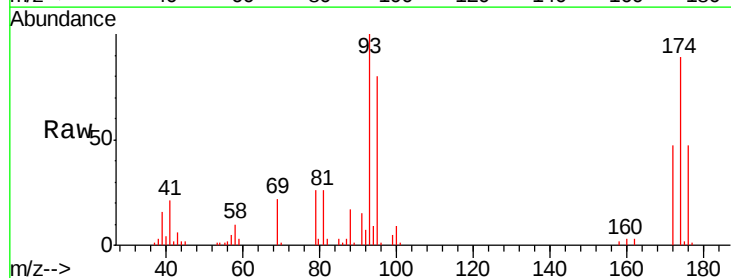
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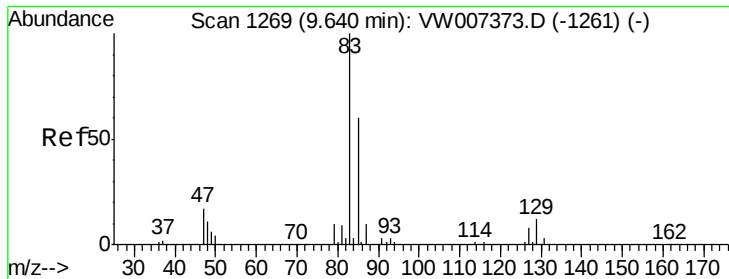
MMDadoda
 12/11/2018 4:55:59 PM



#46
 Dibromomethane
 Concen: 47.239 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion: 93 Resp: 22483
 Ion Ratio Lower Upper
 93 100
 95 81.5 68.0 102.0
 174 98.3 83.2 124.8





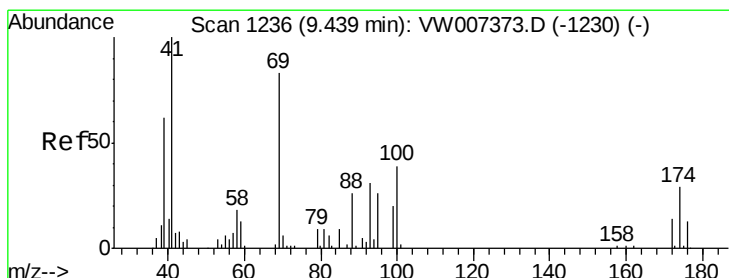
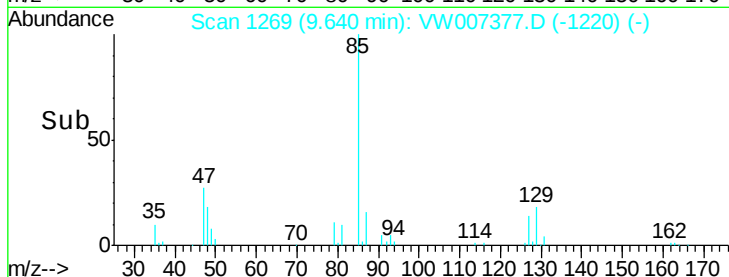
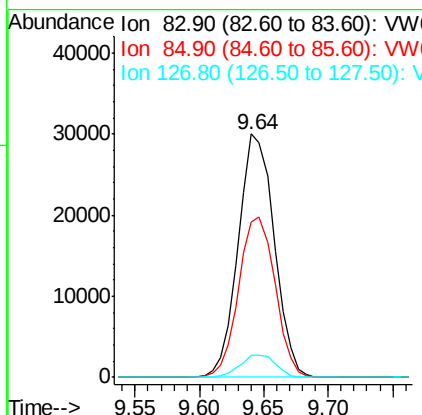
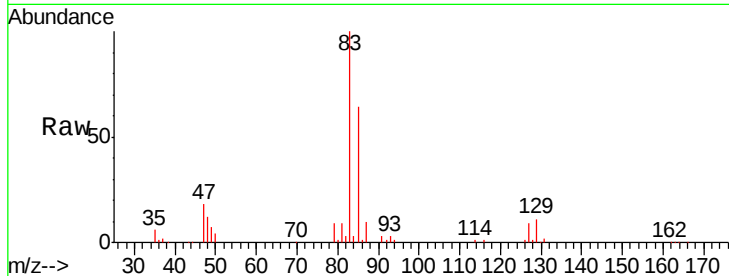
#47
 Bromodichloromethane
 Concen: 46.599 ug/l
 RT: 9.64 min Scan# 1269
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	58174		
85	63.7	47.6	71.4	
127	9.1	6.7	10.1	

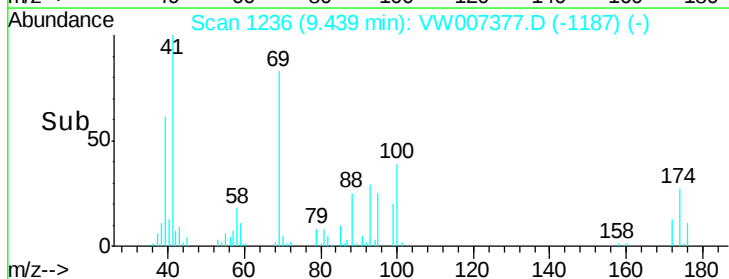
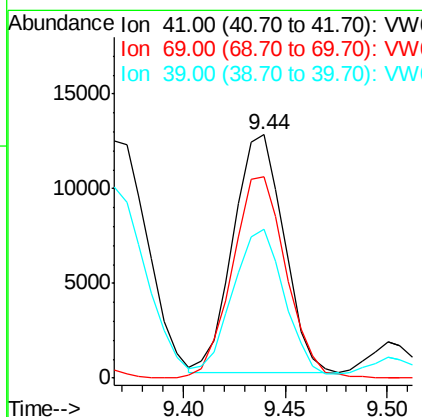
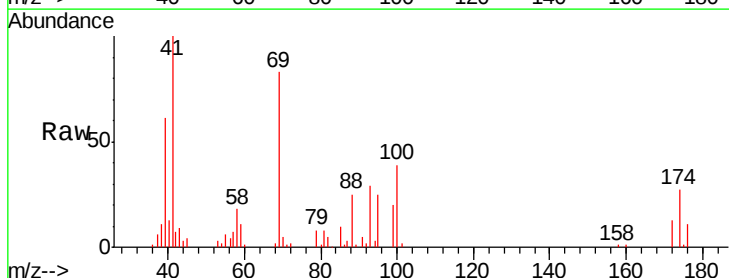
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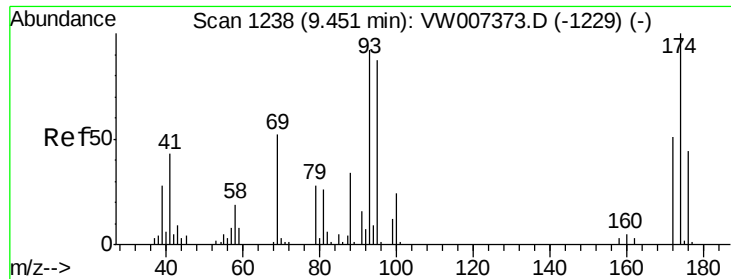
MMDadoda
 12/11/2018 4:55:59 PM



#48
 Methyl methacrylate
 Concen: 43.943 ug/l
 RT: 9.44 min Scan# 1236
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	21638		
69	90.3	69.8	104.8	
39	65.8	50.9	76.3	





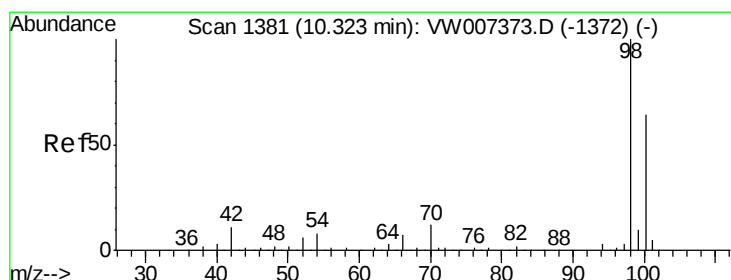
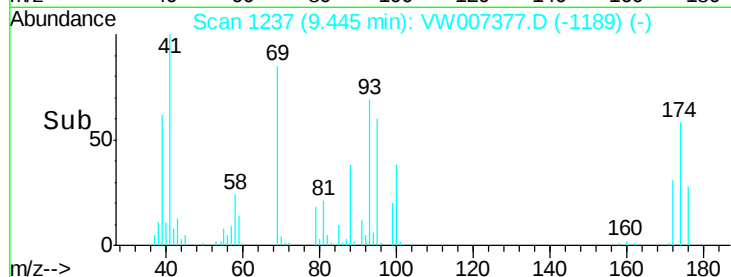
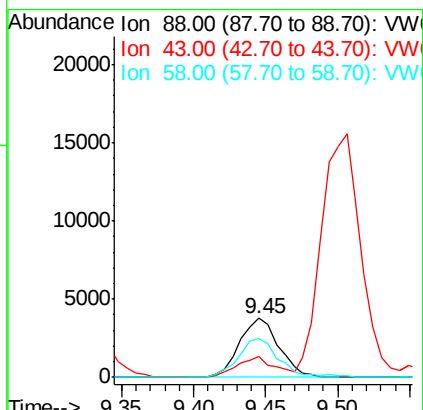
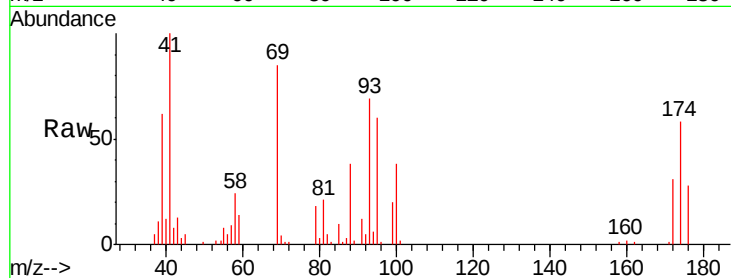
#49
1,4-Dioxane
Concen: 939.728 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion	Ratio	Lower	Upper
88	100		
43	35.1	25.0	37.4
58	66.5	51.4	77.2

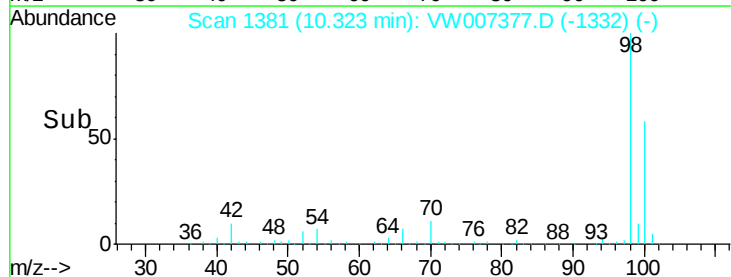
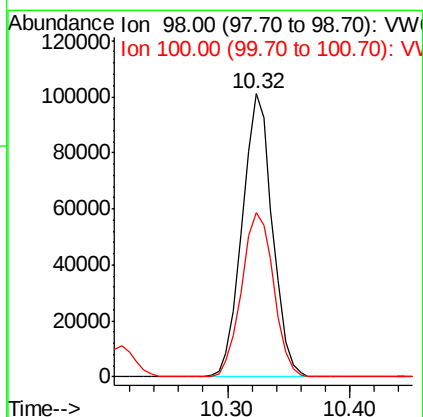
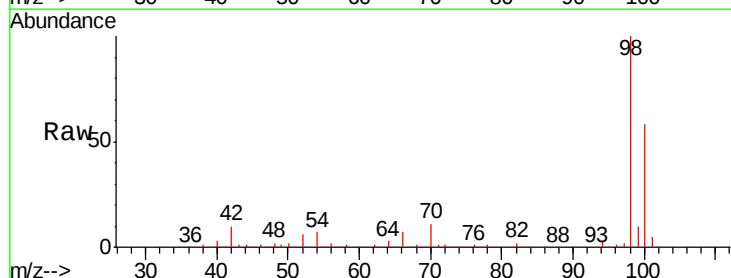
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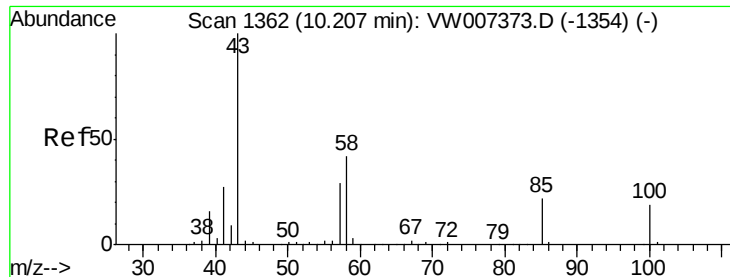
MMDadoda
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#50
Toluene-d8
Concen: 53.277 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	61.5	51.8	77.8





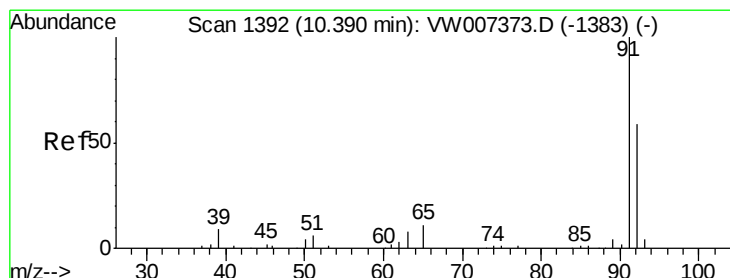
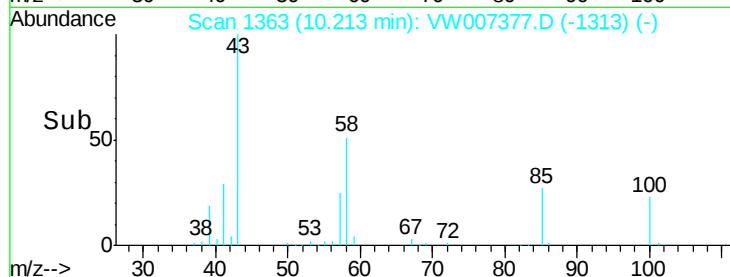
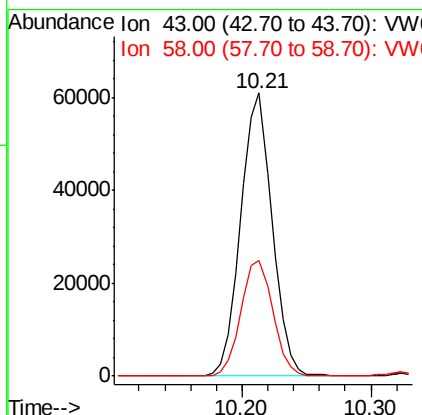
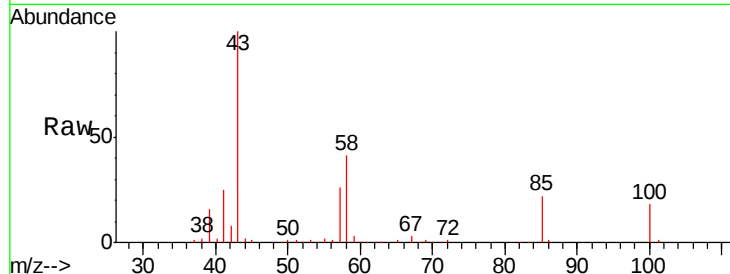
#51
4-Methyl-2-Pentanone
Concen: 227.260 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVWV121118

Tgt Ion: 43 Resp: 102954
Ion Ratio Lower Upper
43 100
58 41.8 33.1 49.7

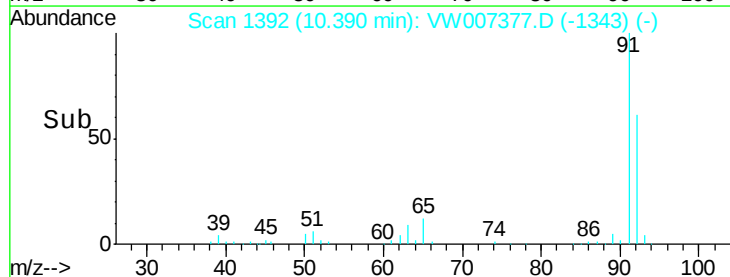
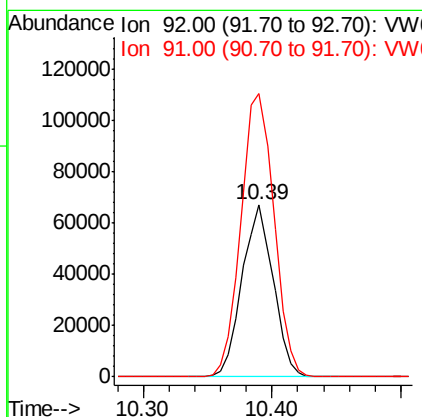
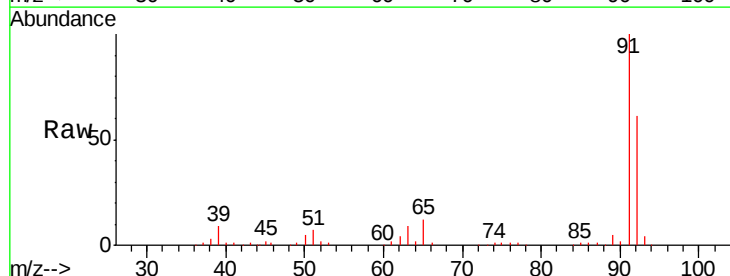
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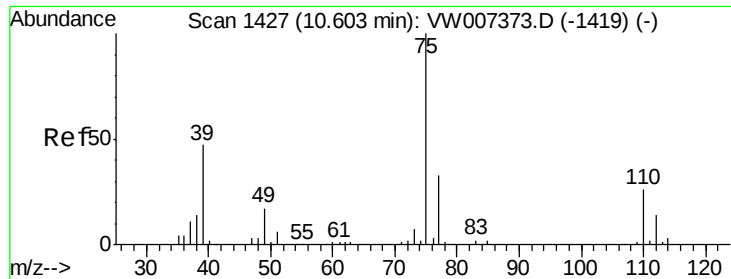
MMDadoda
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#52
Toluene
Concen: 47.937 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 92 Resp: 112352
Ion Ratio Lower Upper
92 100
91 174.4 136.2 204.2





#53

t-1,3-Dichloropropene

Concen: 45.898 ug/l

RT: 10.60 min Scan# 1427

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

Tgt Ion: 75 Resp: 55627

Ion Ratio Lower Upper

75 100

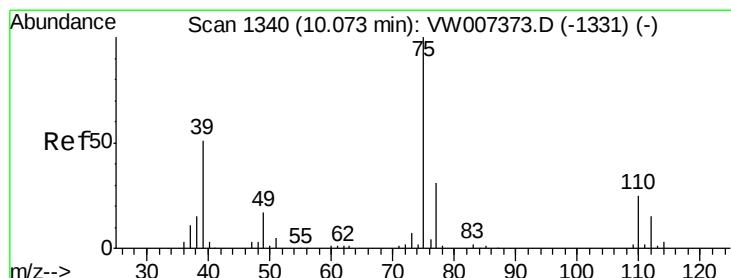
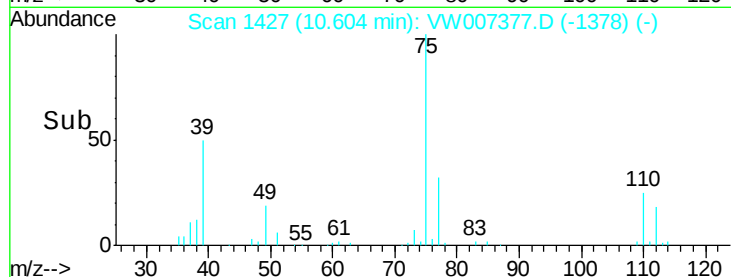
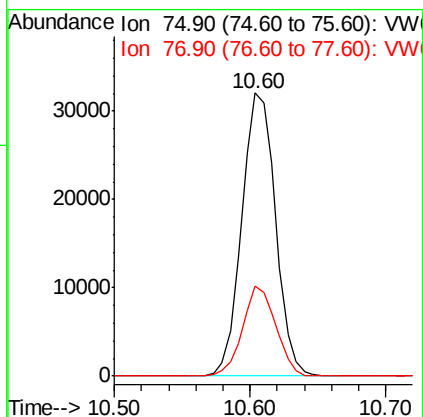
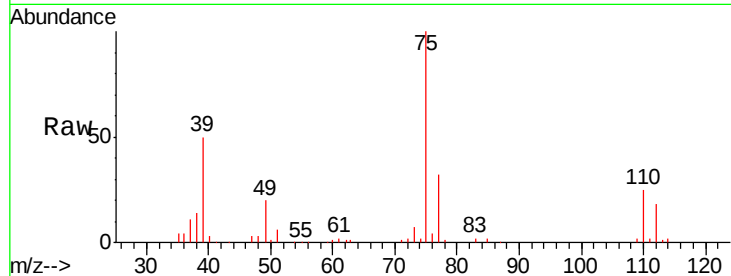
77 31.6 26.2 39.4

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 47.210 ug/l

RT: 10.07 min Scan# 1340

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

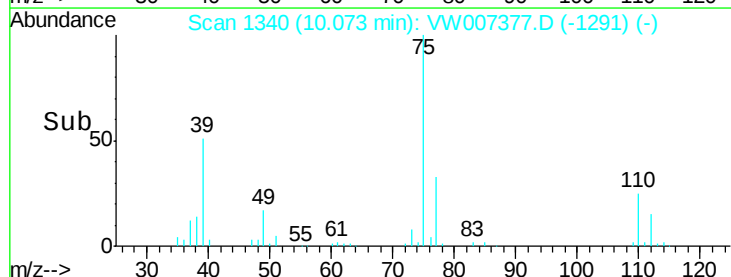
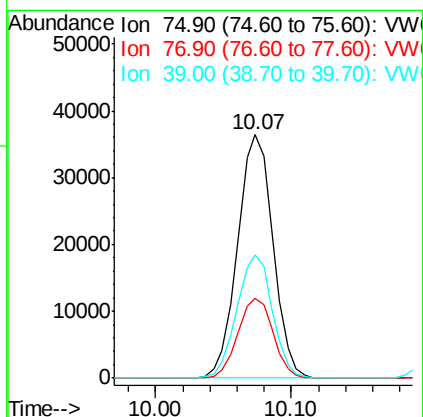
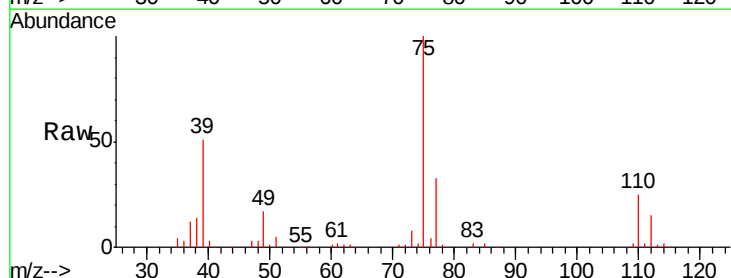
Tgt Ion: 75 Resp: 66144

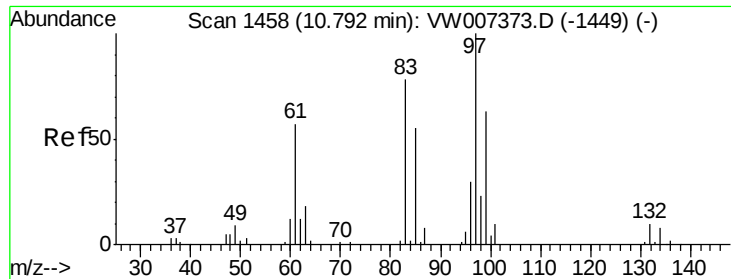
Ion Ratio Lower Upper

75 100

77 32.8 24.8 37.2

39 50.9 40.9 61.3





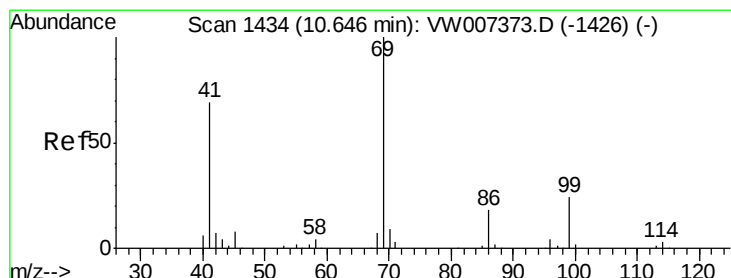
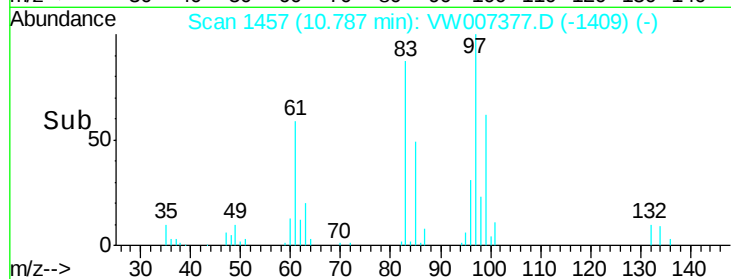
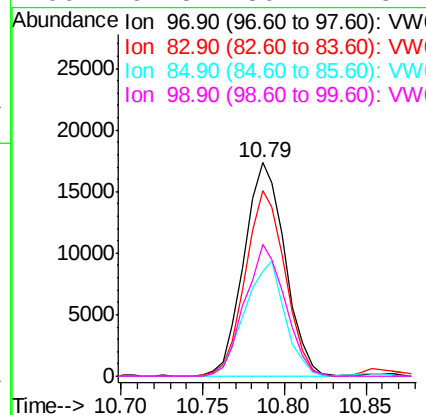
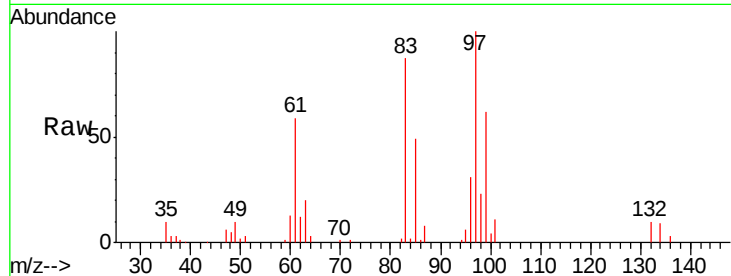
#55
 1,1,2-Trichloroethane
 Concen: 46.879 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.01 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

Tgt Ion	Ratio	Resp	Lower	Upper
97	100	30366		
83	86.6	62.1	93.1	
85	49.1	44.2	66.4	
99	61.8	50.2	75.4	

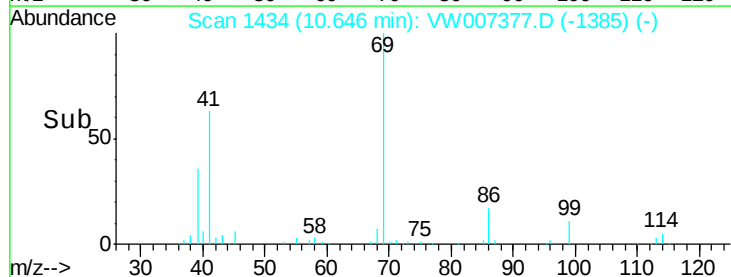
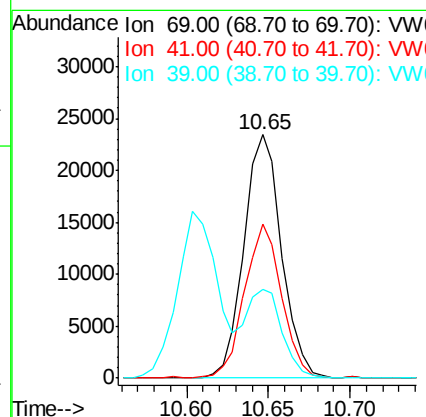
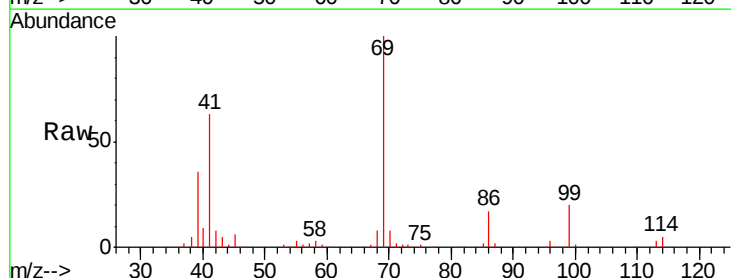
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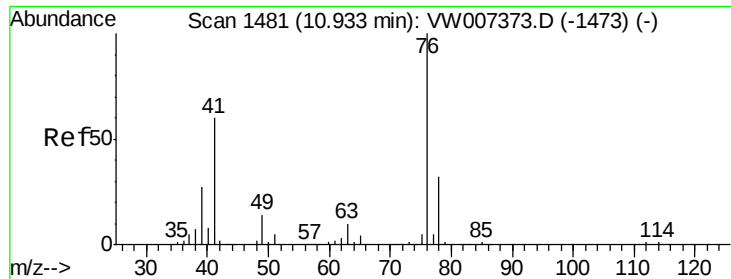
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#56
 Ethyl methacrylate
 Concen: 48.232 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
69	100	37552		
41	61.7	51.0	76.6	
39	36.2	30.8	46.2	





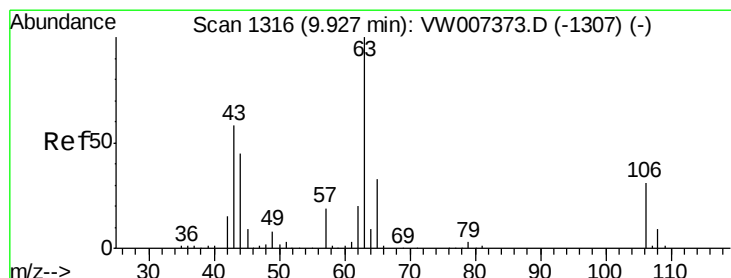
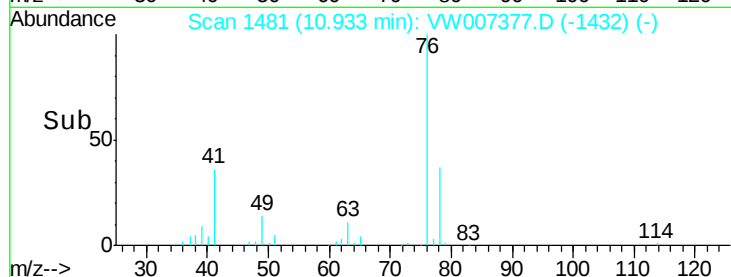
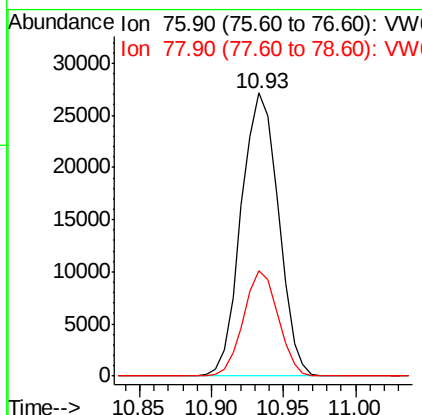
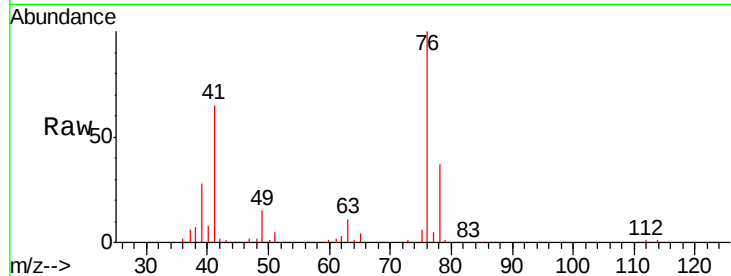
#57
 1,3-Dichloropropane
 Concen: 45.828 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW121118

Tgt Ion: 76 Resp: 48724
 Ion Ratio Lower Upper
 76 100
 78 34.5 26.2 39.4

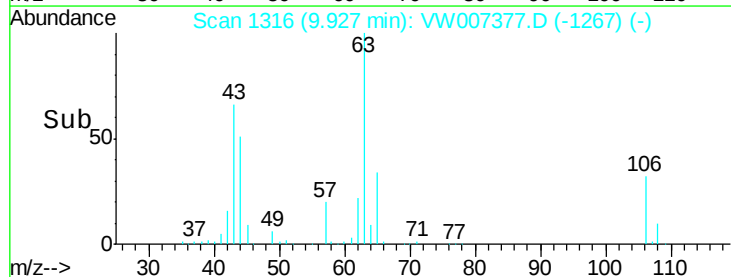
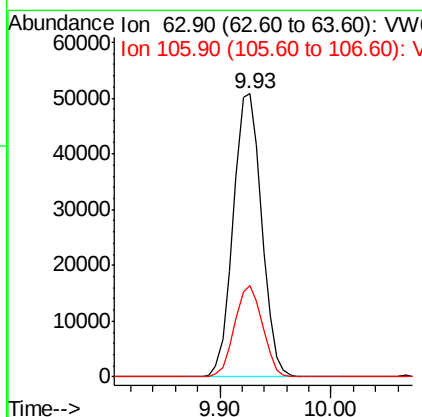
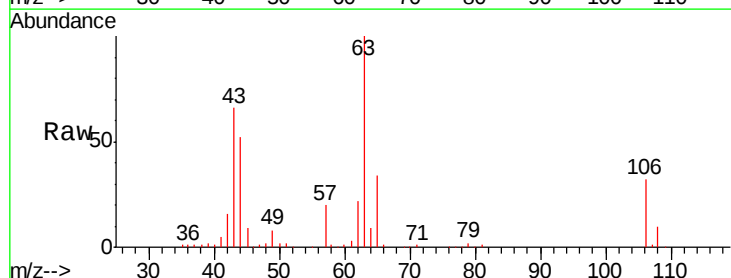
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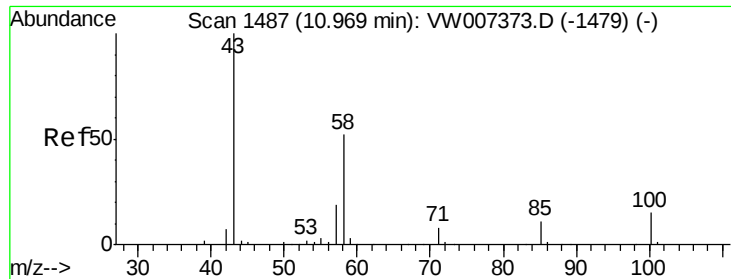
MMDadoda
 12/11/2018 4:55:59 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 249.761 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion: 63 Resp: 89674
 Ion Ratio Lower Upper
 63 100
 106 31.7 25.0 37.6





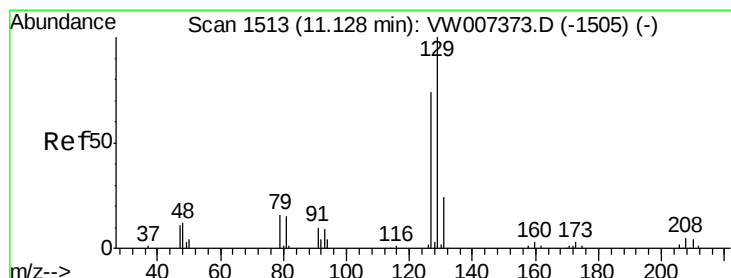
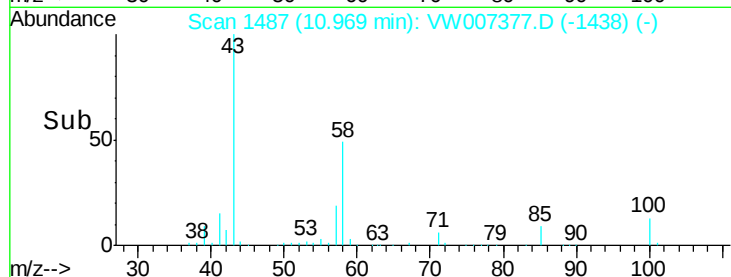
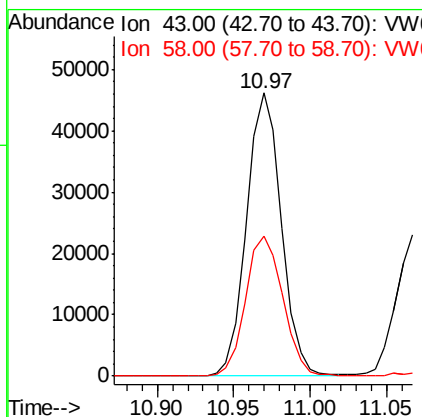
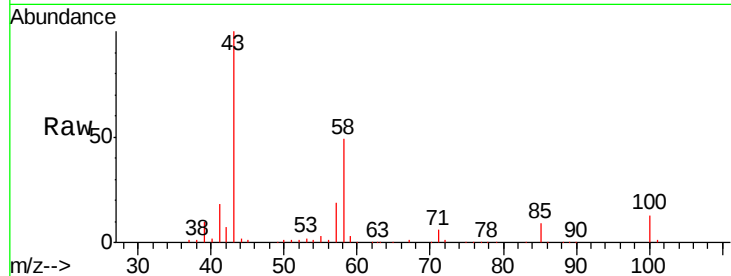
#59
2-Hexanone
Concen: 241.698 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion: 43 Resp: 73011
Ion Ratio Lower Upper
43 100
58 52.9 27.1 81.3

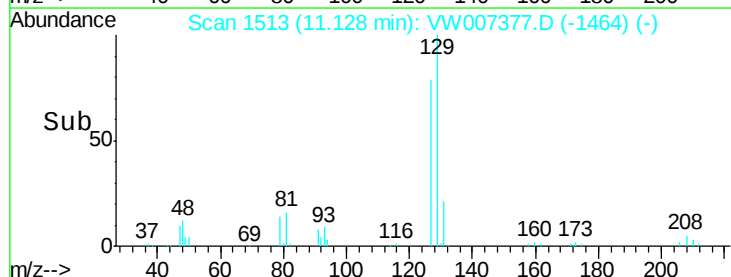
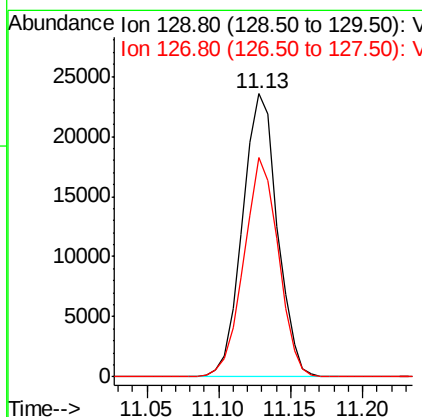
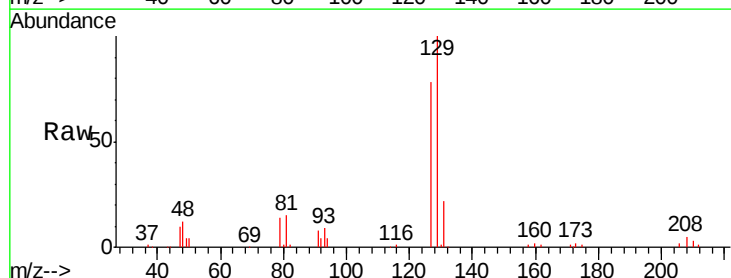
Manual Integrations
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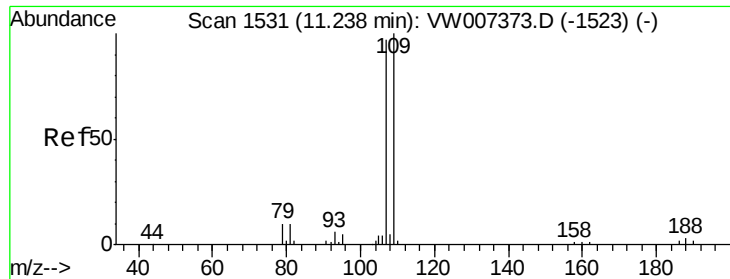
MMDadoda
12/11/2018 4:55:59 PM



#60
Dibromochloromethane
Concen: 48.314 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 129 Resp: 39495
Ion Ratio Lower Upper
129 100
127 76.7 38.1 114.3





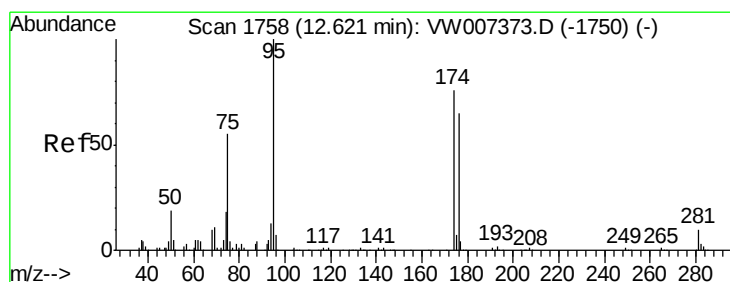
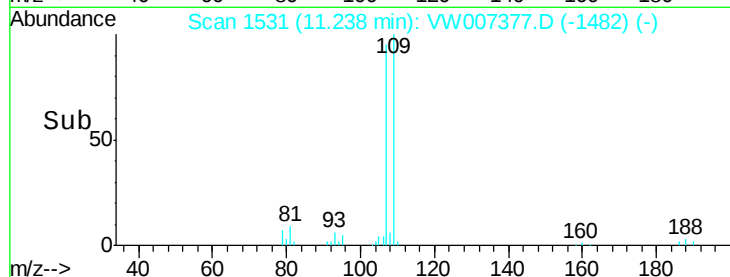
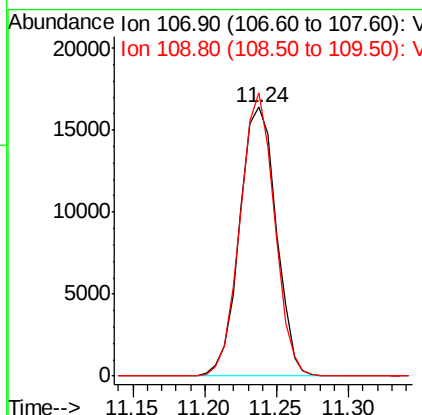
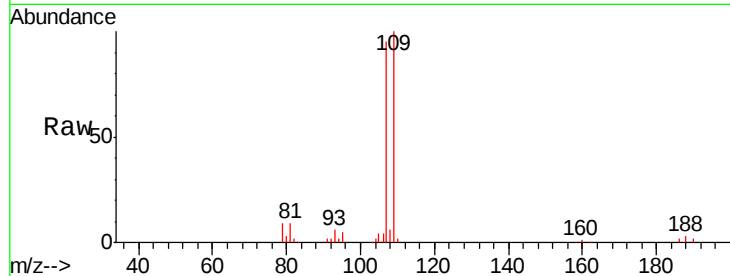
#61
 1,2-Dibromoethane
 Concen: 45.181 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	28922		
109	98.6	79.1	118.7	

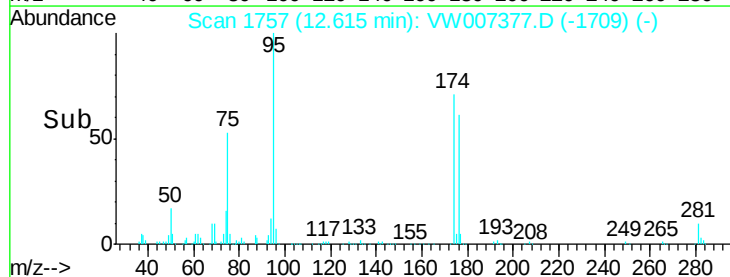
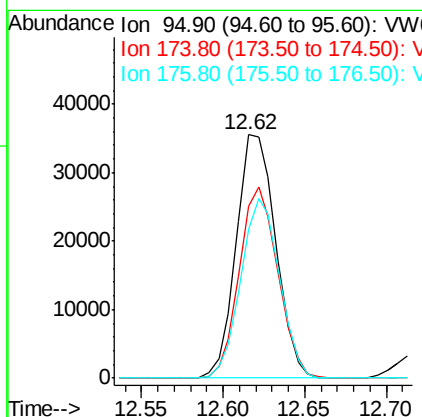
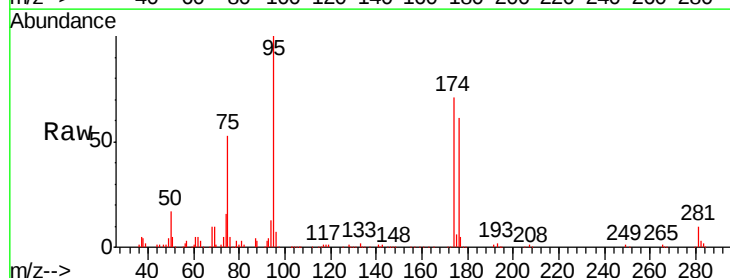
Manual Integrations
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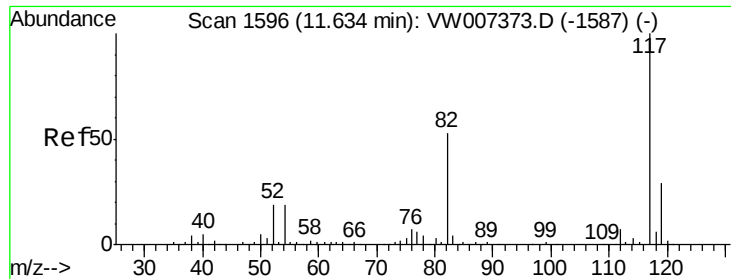
MMDadoda
 12/11/2018 4:55:59 PM



#62
 4-Bromofluorobenzene
 Concen: 50.205 ug/l
 RT: 12.62 min Scan# 1757
 Delta R.T. -0.01 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
95	100	59936		
174	76.7	0.0	147.2	
176	72.4	0.0	138.8	





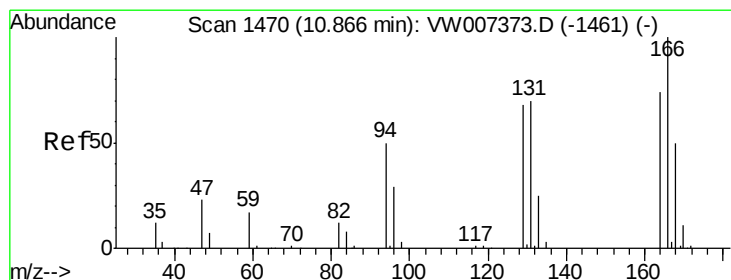
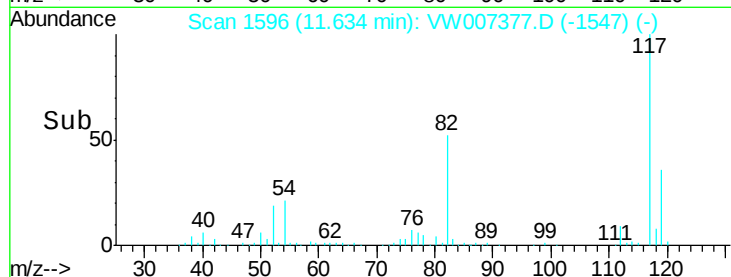
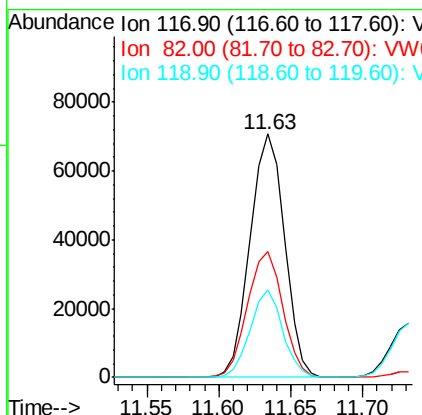
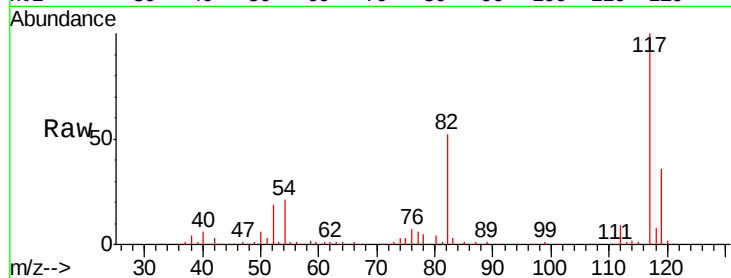
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	117361		
82	51.6	42.3	63.5	
119	36.1	23.0	34.6	

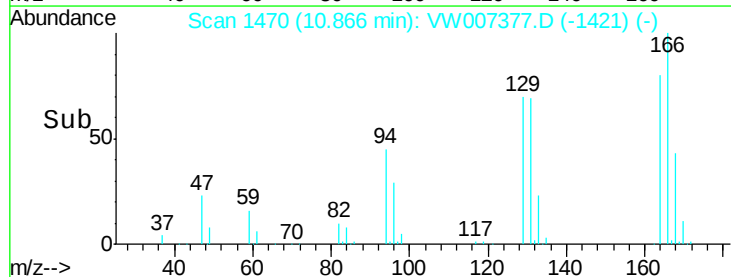
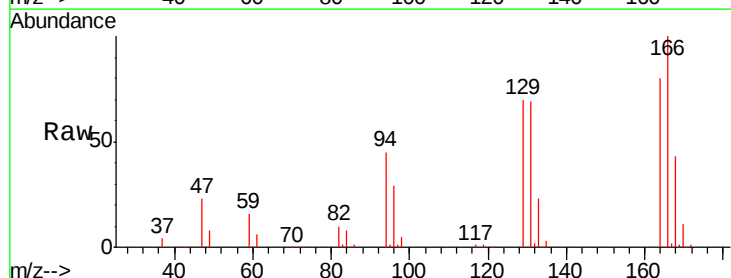
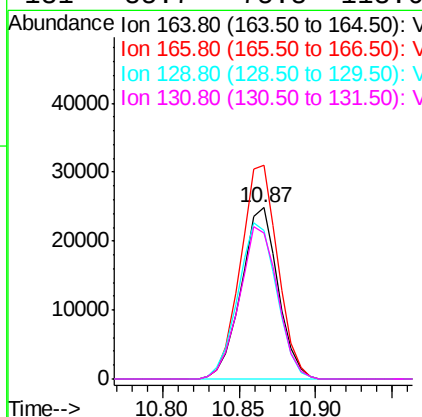
Manual Integrations
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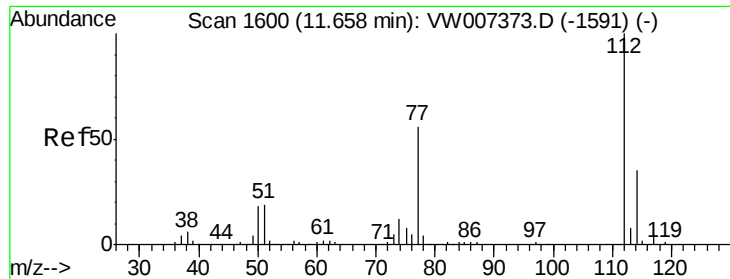
MMDadoda
12/11/2018 4:55:59 PM



#64
Tetrachloroethene
Concen: 49.031 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	41381		
166	124.9	107.9	161.9	
129	87.2	73.4	110.2	
131	85.7	75.8	113.6	





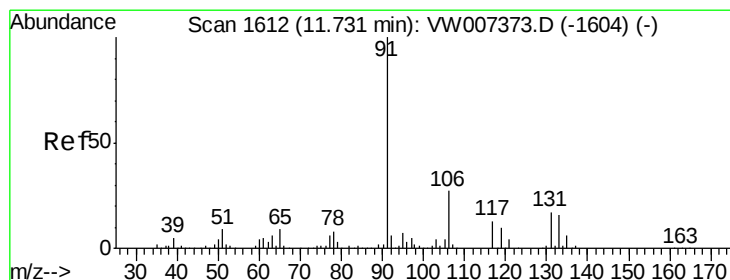
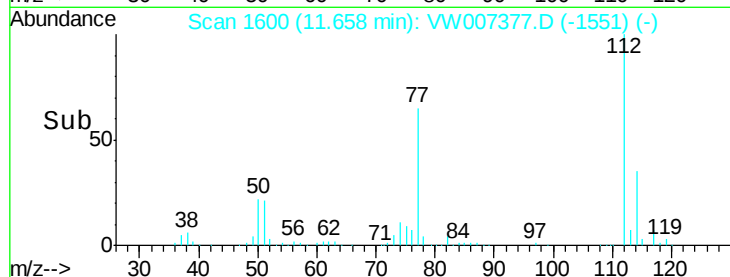
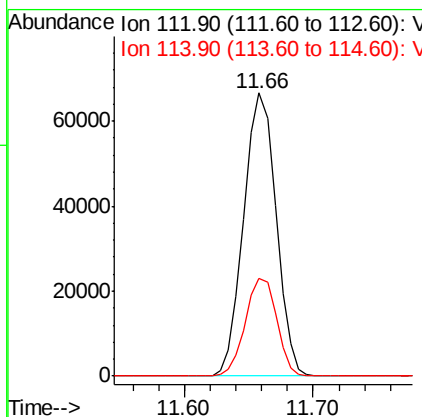
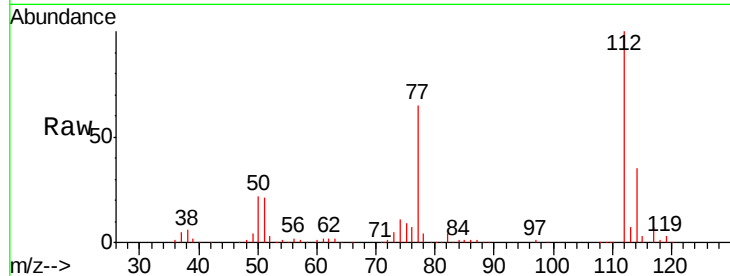
#65
Chlorobenzene
Concen: 47.490 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion:112 Resp: 116169
Ion Ratio Lower Upper
112 100
114 34.7 27.8 41.8

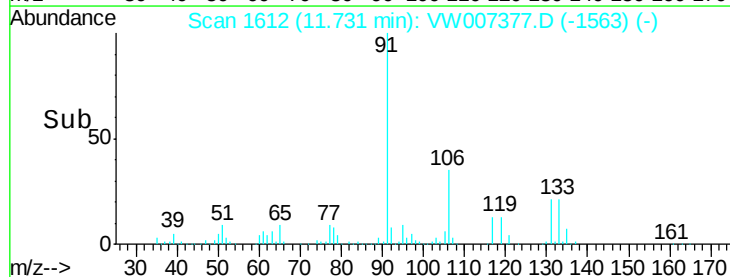
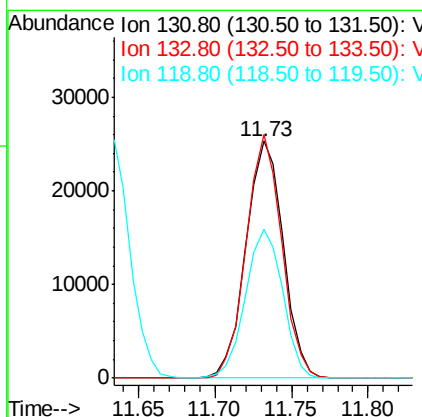
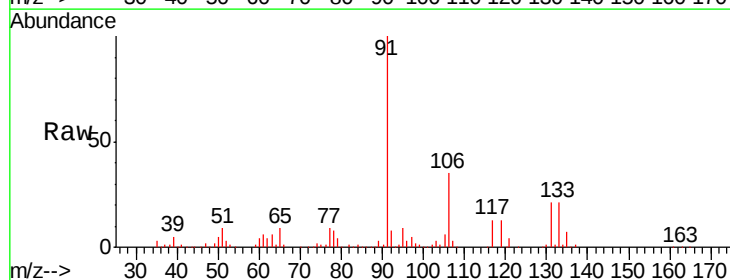
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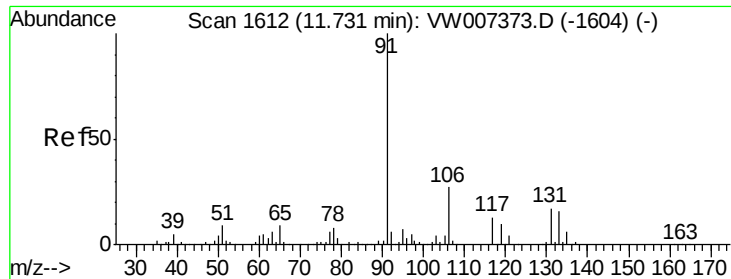
MMDadoda
12/11/2018 4:55:59 PM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.842 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion:131 Resp: 42941
Ion Ratio Lower Upper
131 100
133 97.5 47.1 141.4
119 62.6 31.3 93.9





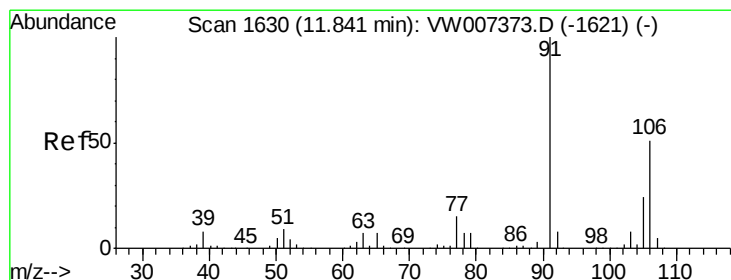
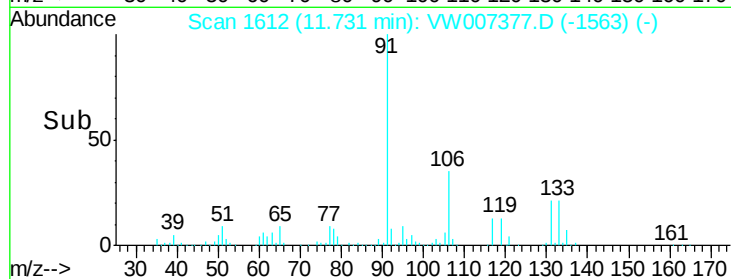
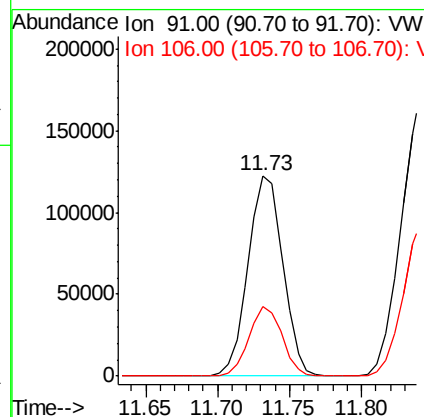
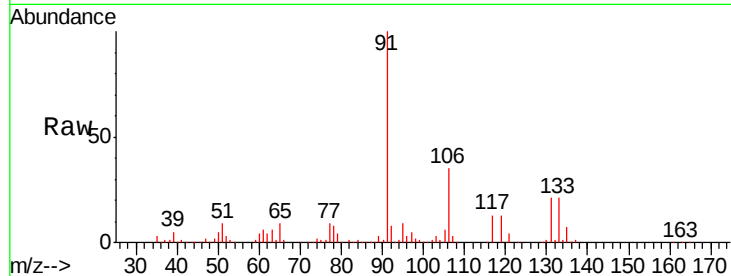
#67
Ethyl Benzene
Concen: 48.586 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion: 91 Resp: 204334
Ion Ratio Lower Upper
91 100
106 34.8 21.8 32.8#

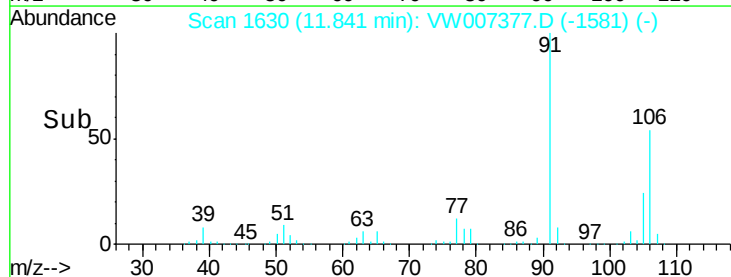
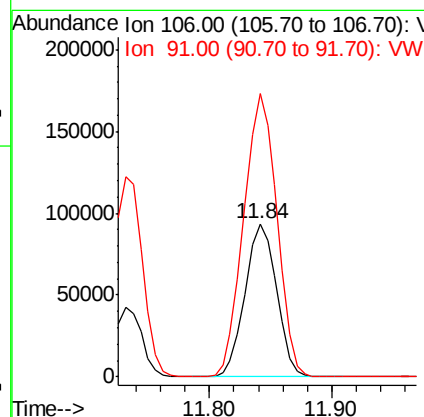
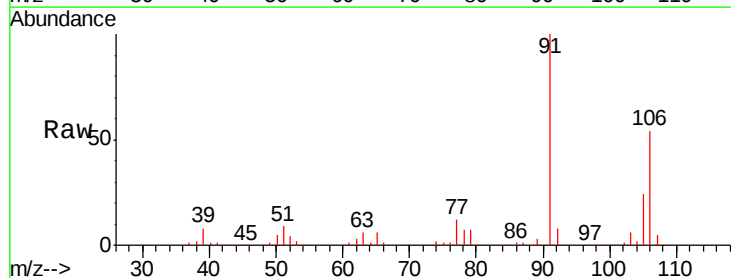
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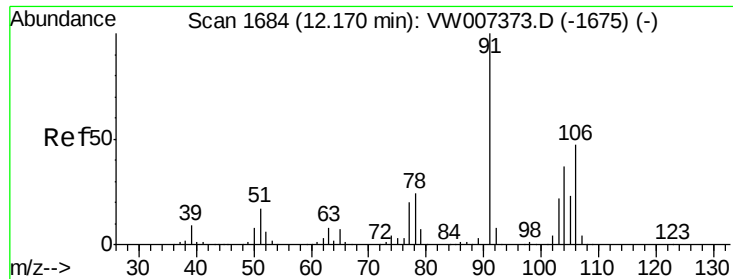
MMDadoda
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#68
m/p-Xylenes
Concen: 103.067 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 106 Resp: 168512
Ion Ratio Lower Upper
106 100
91 194.0 165.3 247.9





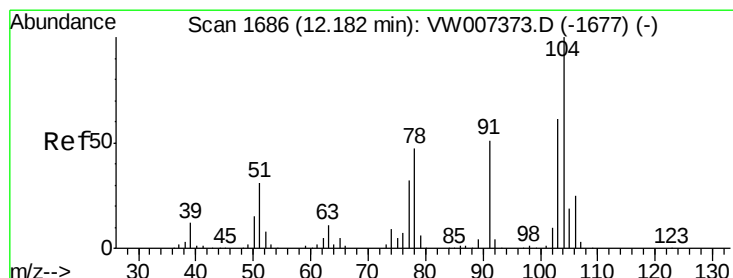
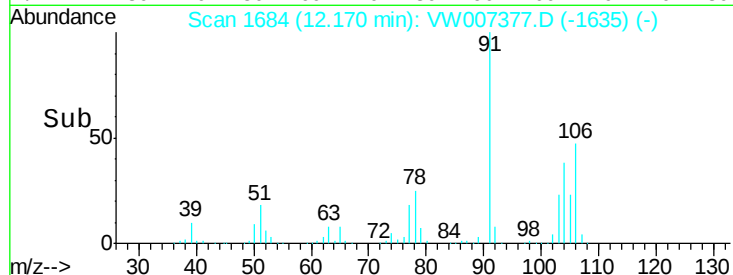
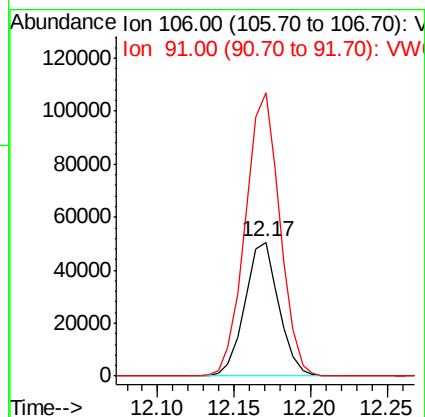
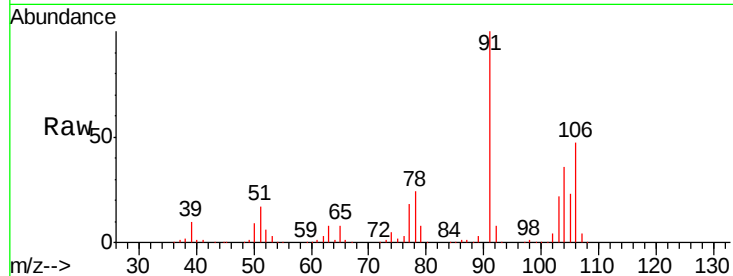
#69
o-Xylene
Concen: 50.878 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion:106 Resp: 77689
Ion Ratio Lower Upper
106 100
91 215.6 106.6 319.8

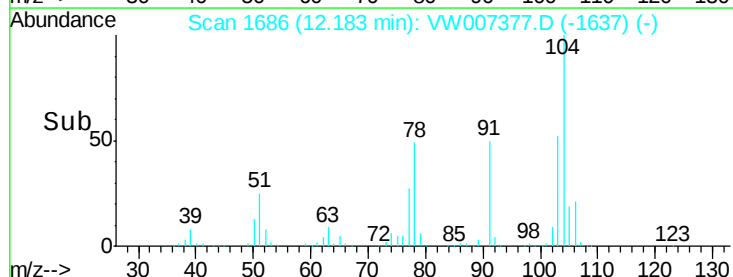
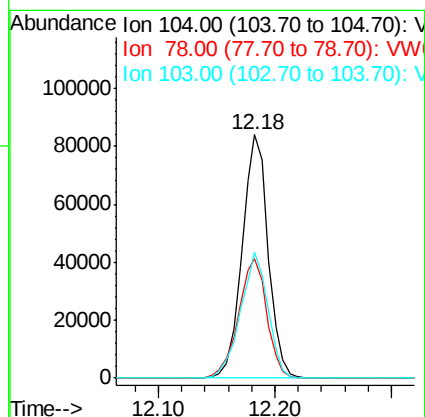
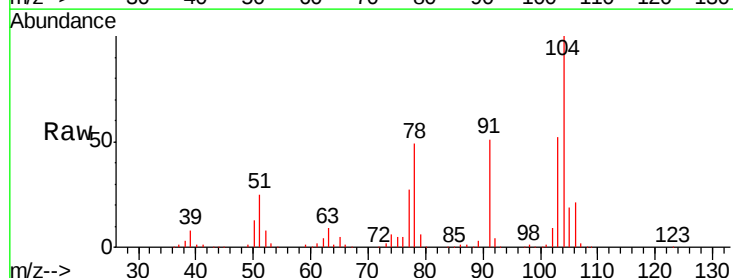
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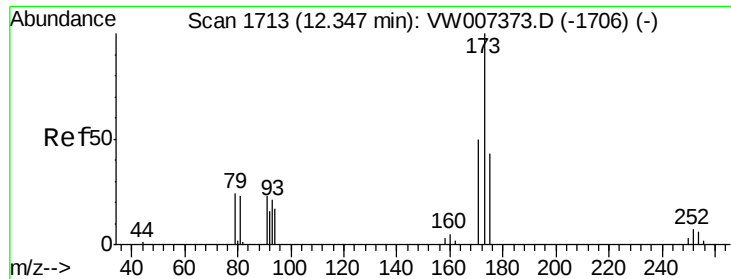
MMDadoda
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#70
Styrene
Concen: 52.867 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion:104 Resp: 130390
Ion Ratio Lower Upper
104 100
78 53.5 41.8 62.8
103 54.6 46.6 69.8





#71

Bromoform

Concen: 47.617 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. 0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

Tgt Ion:173 Resp: 20998

Ion Ratio Lower Upper

173 100

175 49.0 23.6 70.8

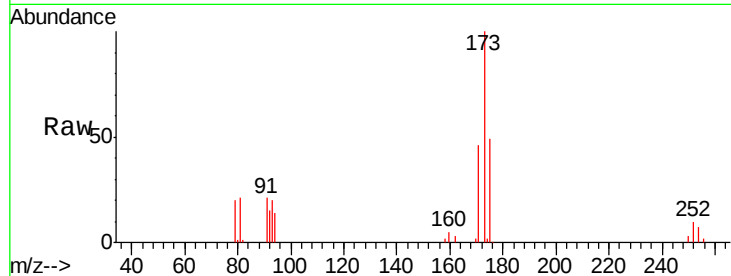
254 0.0 0.0 0.0

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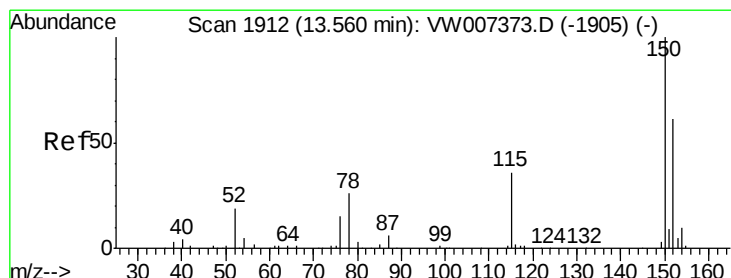
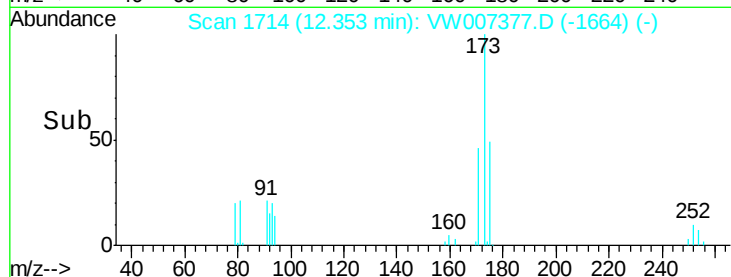
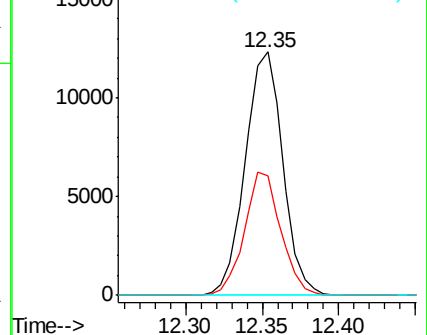
12/11/2018 4:55:59 PM



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: VW007377.D

Acq: 11 Dec 2018 02:15

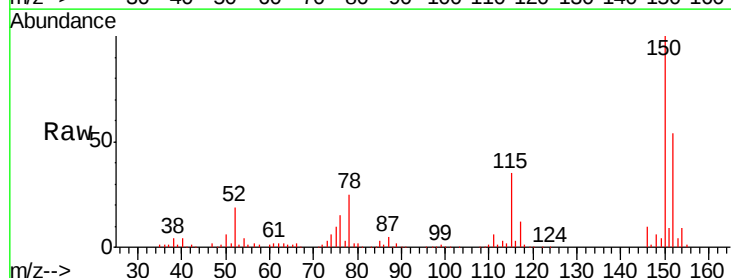
Tgt Ion:152 Resp: 57264

Ion Ratio Lower Upper

152 100

115 60.0 31.4 94.2

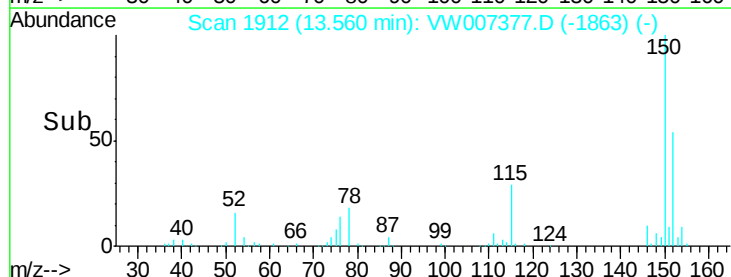
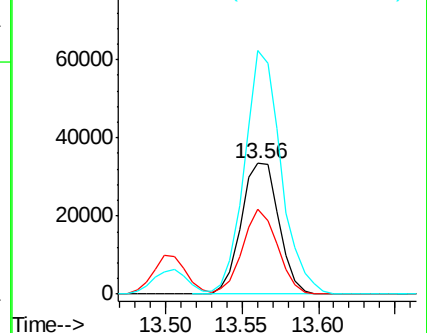
150 180.5 0.0 358.4

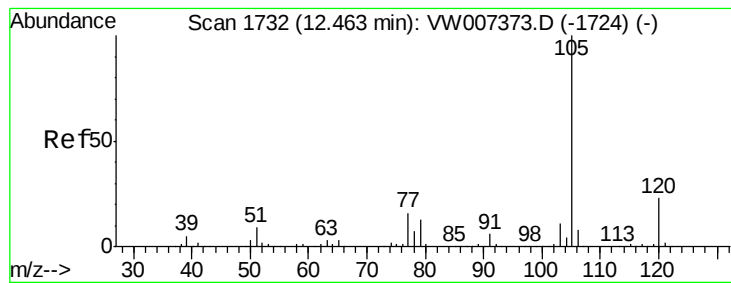


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.624 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

Tgt Ion: 105 Resp: 213350

Ion Ratio Lower Upper

105 100

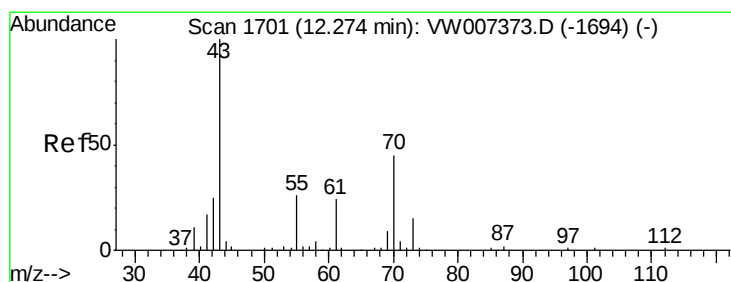
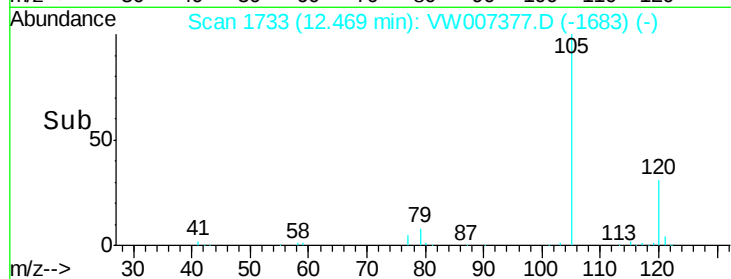
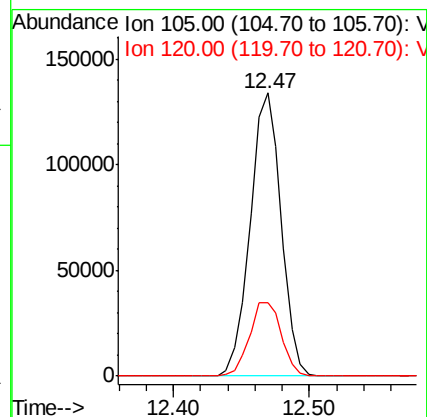
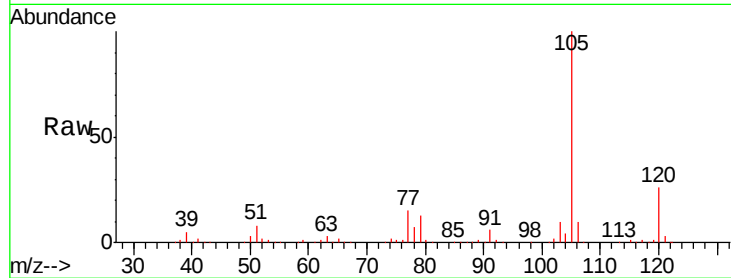
120 27.1 12.8 38.4

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#74

N-ethyl acetate

Concen: 45.158 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Tgt Ion: 43 Resp: 36011

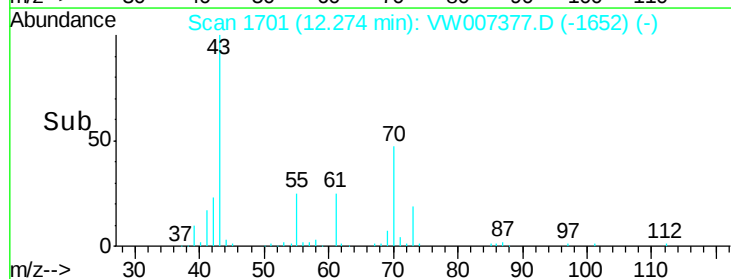
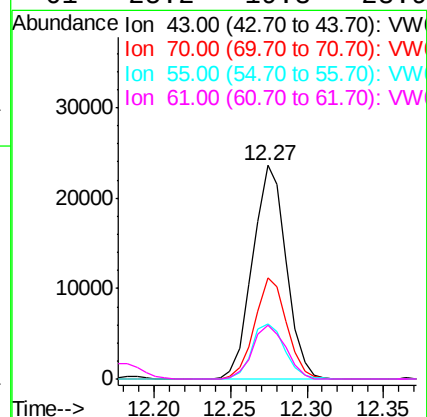
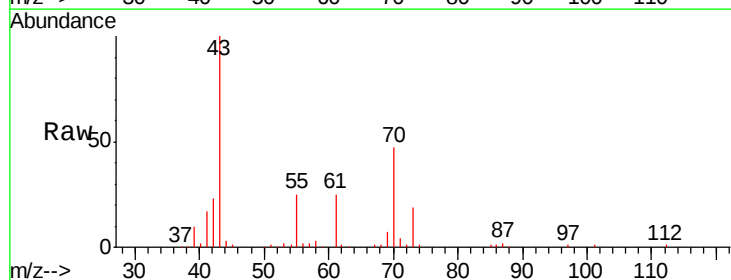
Ion Ratio Lower Upper

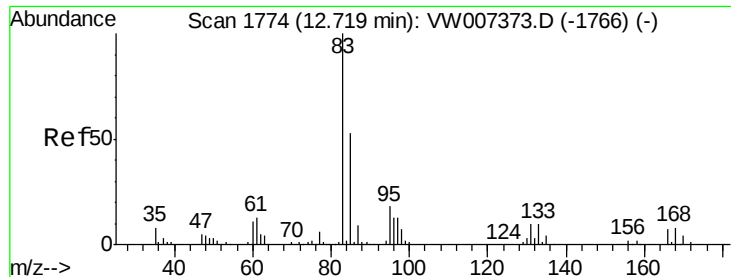
43 100

70 45.3 36.5 54.7

55 25.5 20.1 30.1

61 25.2 19.3 28.9





#75

1,1,2,2-Tetrachloroethane

Concen: 49.064 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

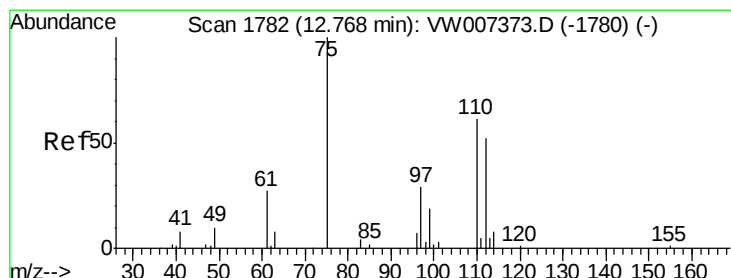
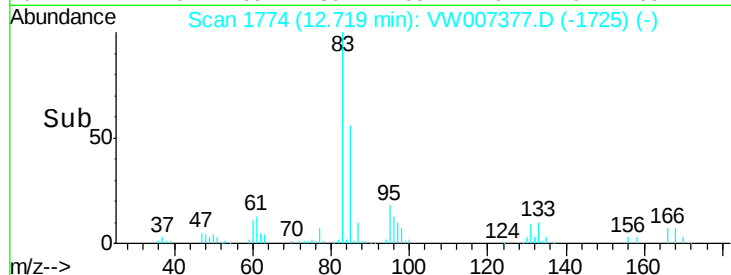
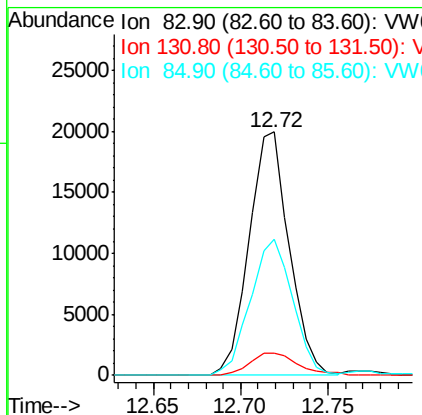
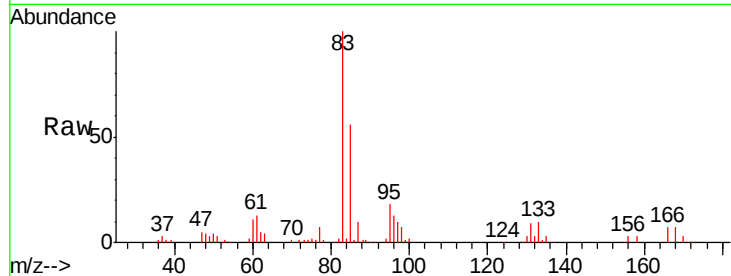
ClientSampleId :

ICVW121118

Tgt Ion:	83	Resp:	31886
Ion	Ratio	Lower	Upper
83	100		
131	11.0	5.9	17.8
85	58.9	30.0	90.0

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 50.064 ug/l m

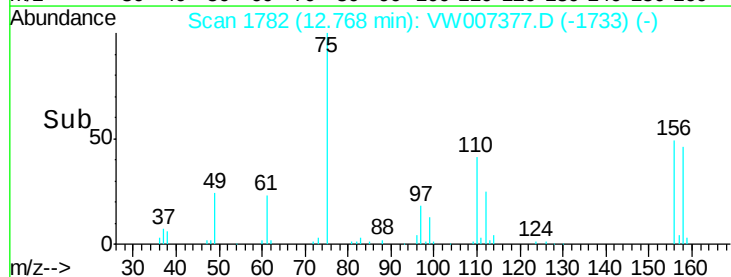
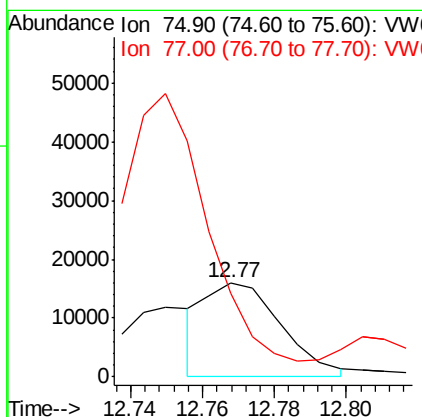
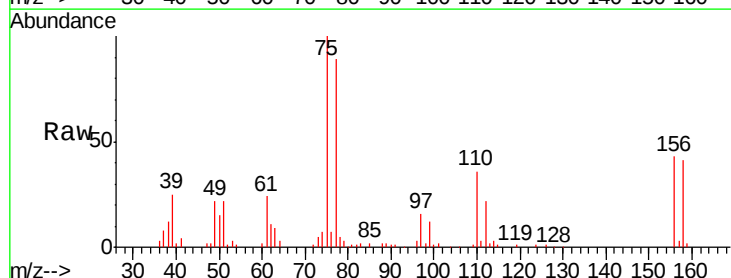
RT: 12.77 min Scan# 1782

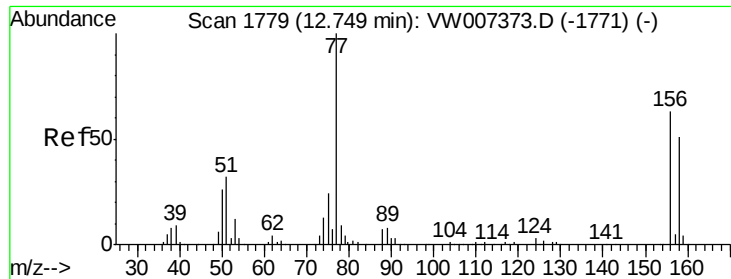
Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Tgt Ion:	75	Resp:	23638
Ion	Ratio	Lower	Upper
75	100		
77	364.6	166.9	500.8





#77

Bromobenzene

Concen: 49.293 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

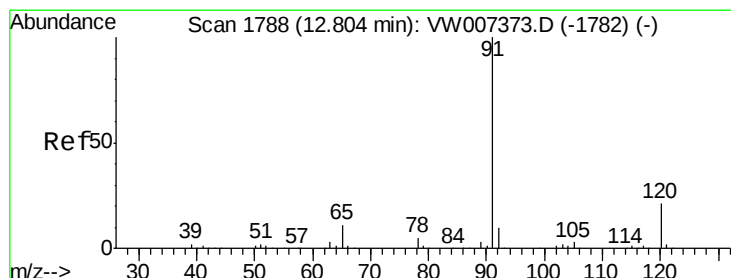
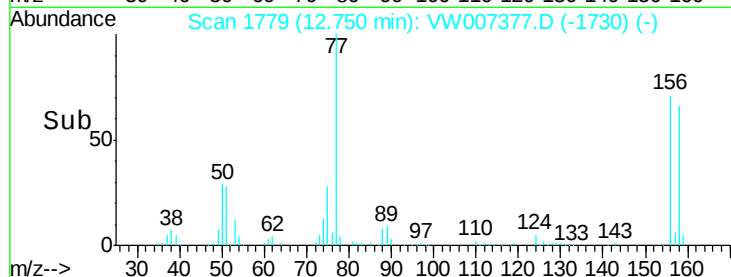
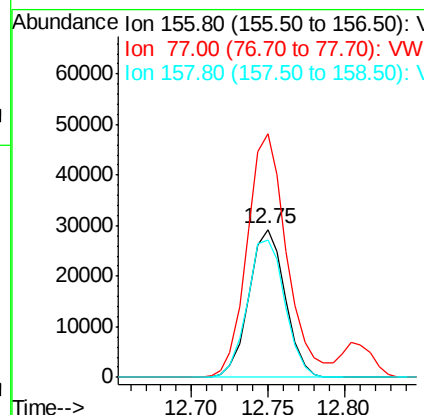
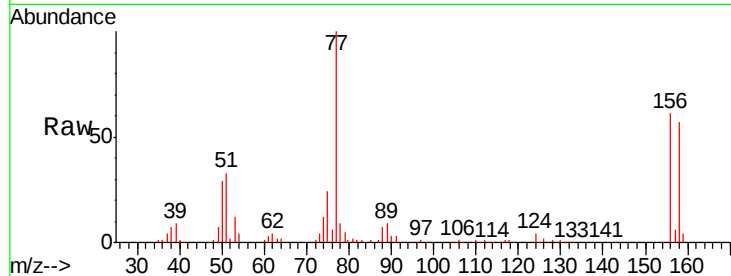
ClientSampleId :

ICVW121118

Tgt Ion	Ratio	Lower	Upper
156	100		
77	179.8	88.1	264.4
158	96.8	45.6	136.7

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#78

n-propylbenzene

Concen: 51.586 ug/l

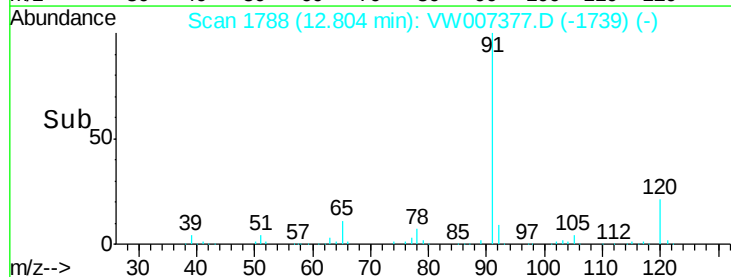
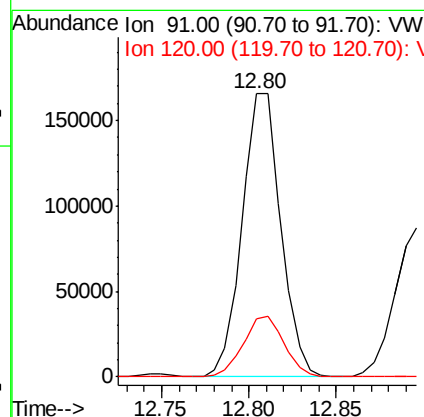
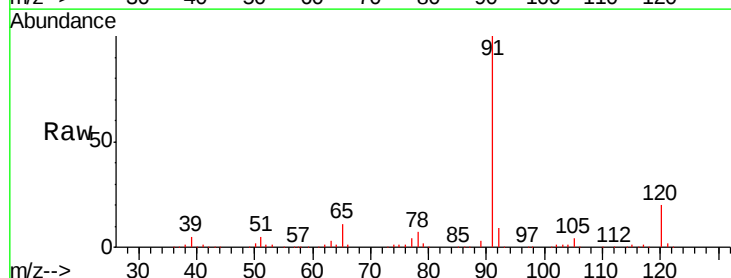
RT: 12.80 min Scan# 1788

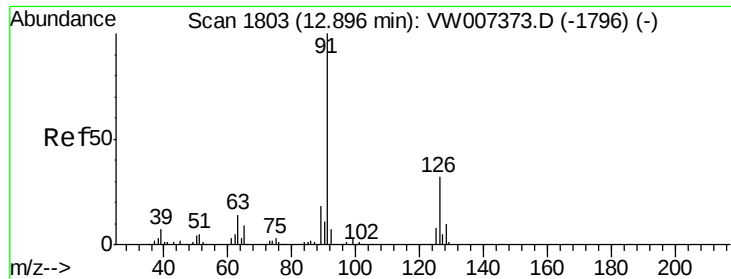
Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.4	11.9	35.5





#79

2-Chlorotoluene

Concen: 47.137 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

Tgt Ion: 91 Resp: 140840

Ion Ratio Lower Upper

91 100

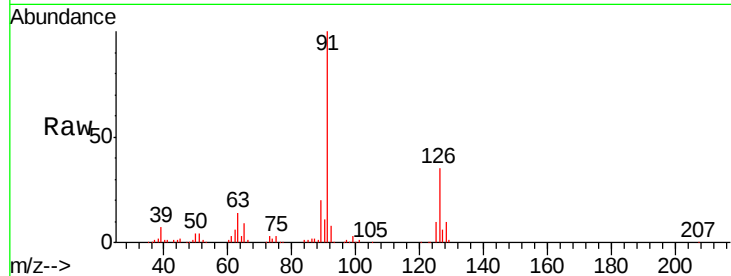
126 36.8 15.9 47.6

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 125.90 (125.60 to 126.60): V

120000

100000

80000

60000

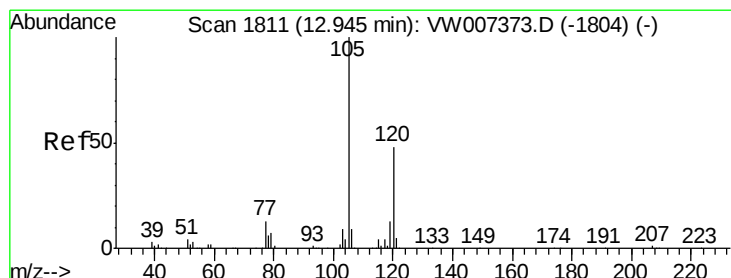
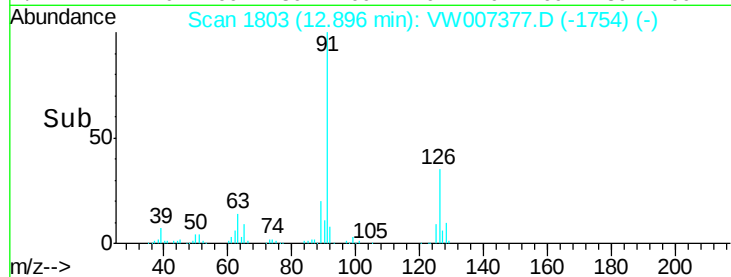
40000

20000

0

12.85 12.90 12.95

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.814 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. 0.00 min

Lab File: VW007377.D

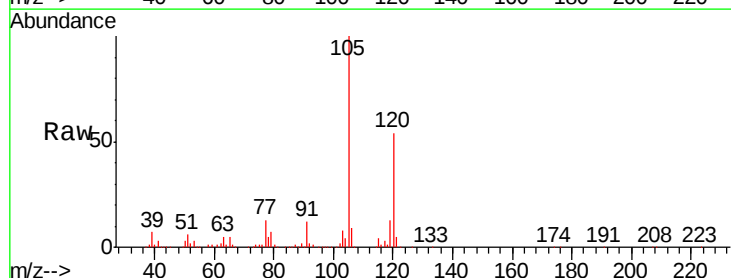
Acq: 11 Dec 2018 02:15

Tgt Ion: 105 Resp: 179969

Ion Ratio Lower Upper

105 100

120 50.9 23.8 71.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

120000

100000

80000

60000

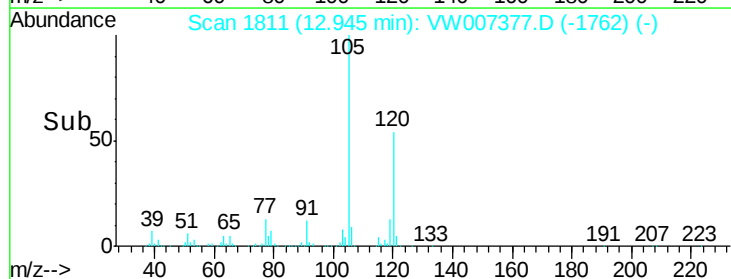
40000

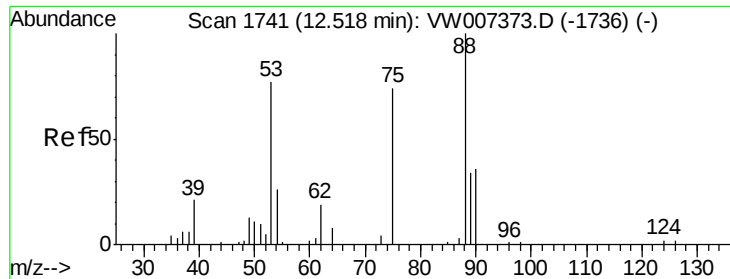
20000

0

12.90 12.94 13.00

Time-->





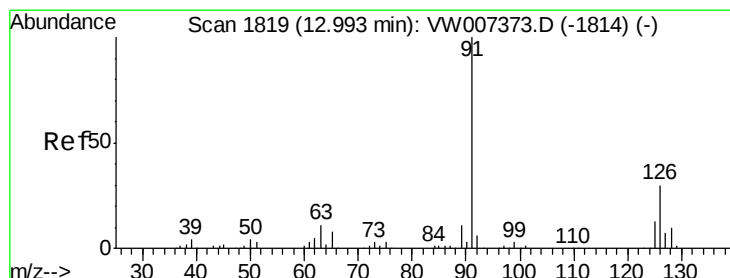
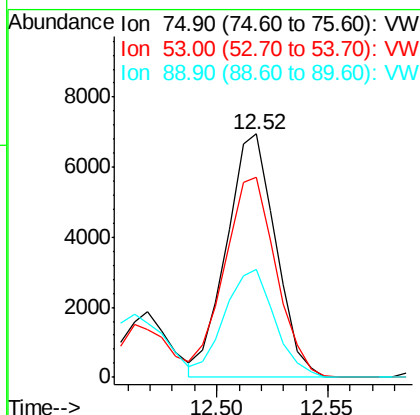
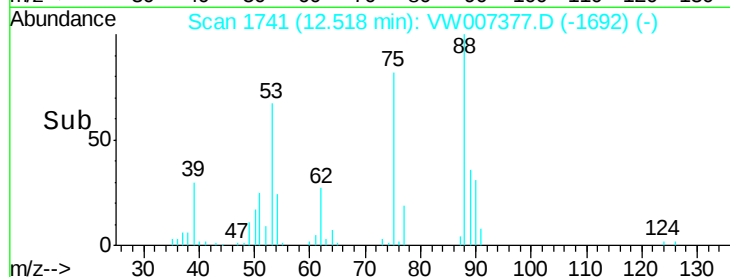
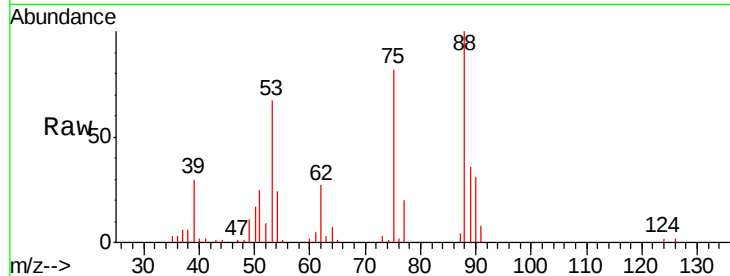
#81
trans-1,4-Dichloro-2-butene
Concen: 49.869 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion	Ratio	Lower	Upper
75	100		
53	86.6	84.9	127.3
89	45.5	40.3	60.5

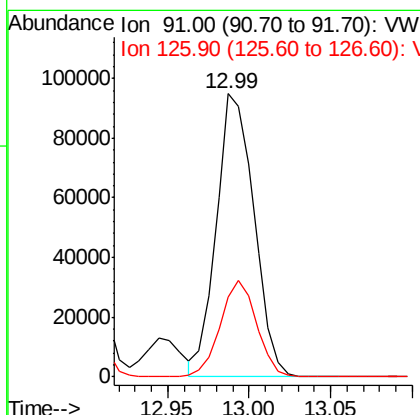
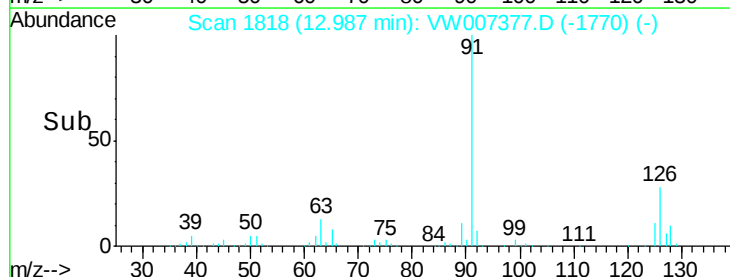
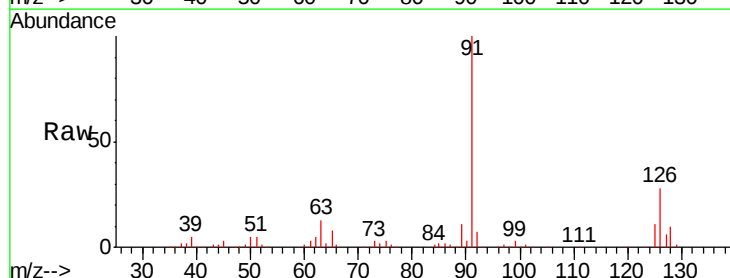
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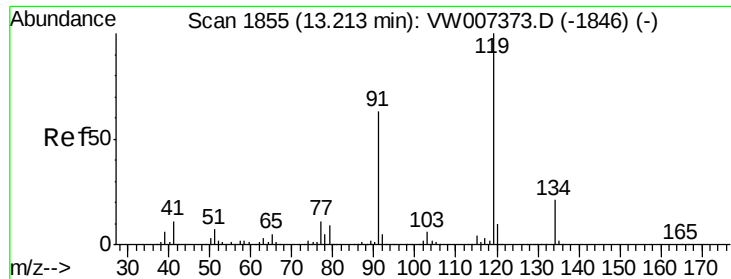
MMDadoda
12/11/2018 4:55:59 PM



#82
4-Chlorotoluene
Concen: 48.433 ug/l
RT: 12.99 min Scan# 1818
Delta R.T. -0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.0	48.0





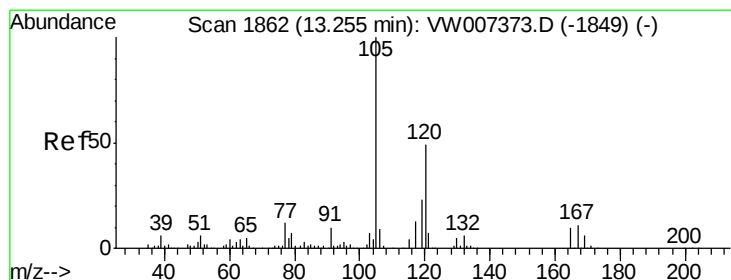
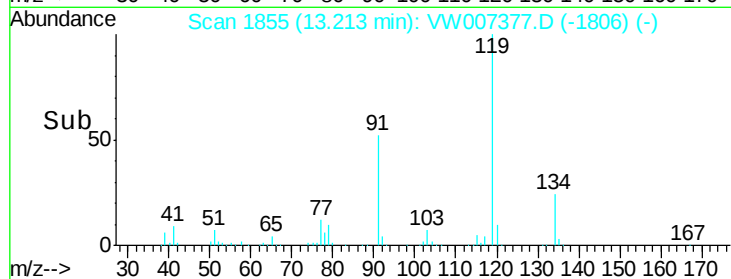
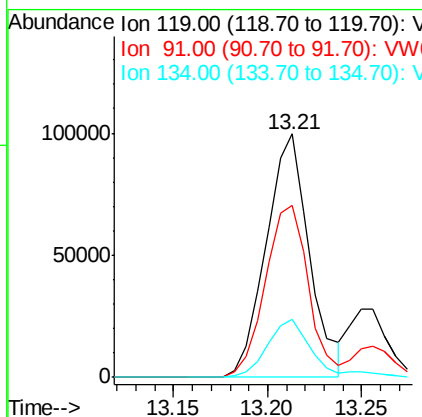
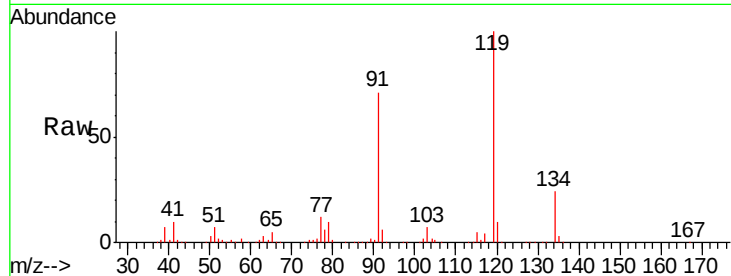
#83
tert-Butylbenzene
Concen: 48.902 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion	Ratio	Resp	Lower	Upper
119	100	158862		
91	70.3	33.1	99.2	
134	25.0	12.5	37.5	

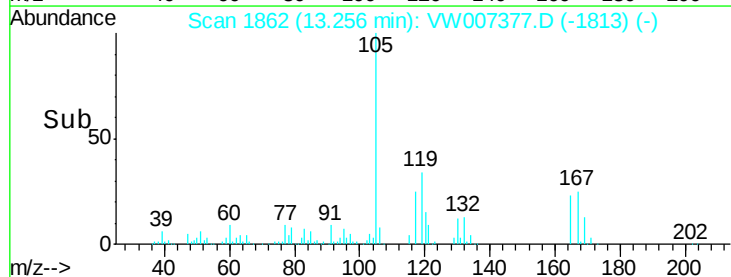
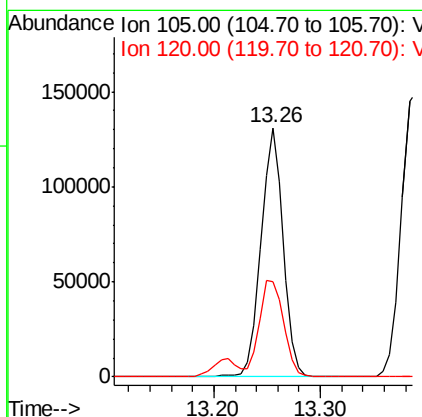
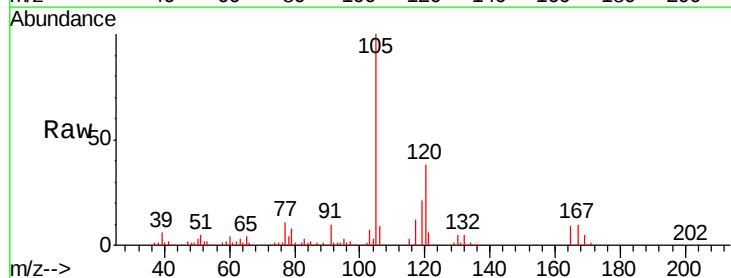
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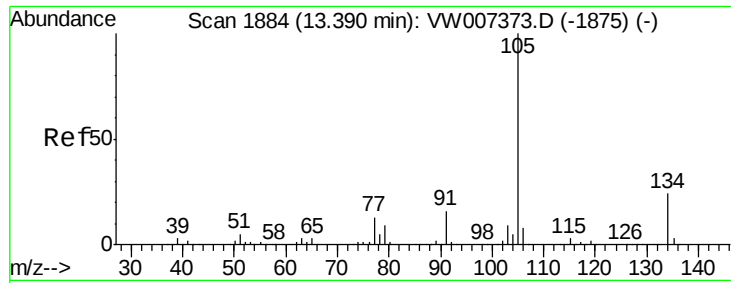
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.410 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	191251		
120	43.1	22.6	67.7	





#85

sec-Butylbenzene

Concen: 51.031 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

ClientSampleId :

ICVW121118

Tgt Ion:105 Resp: 226309

Ion Ratio Lower Upper

105 100

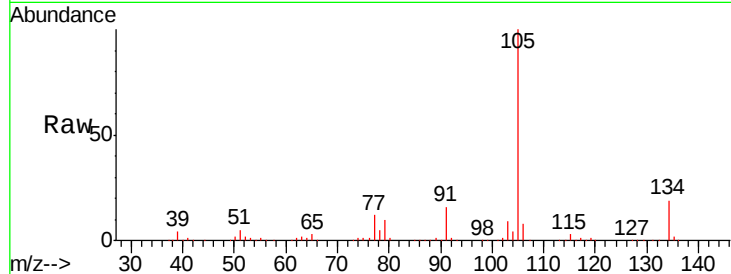
134 18.8 11.1 33.3

Manual Integrations

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

150000

100000

50000

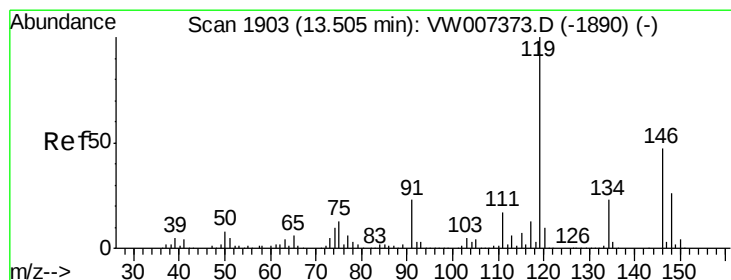
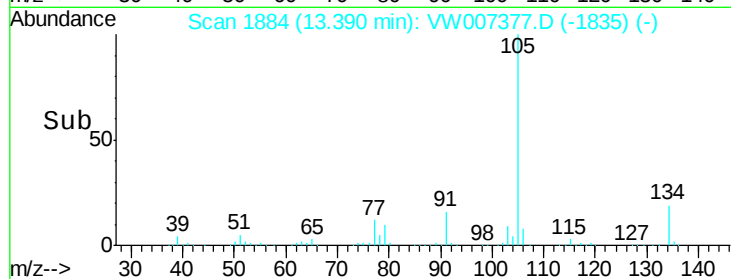
0

13.39

13.30

13.40

Time-->



#86

p-Isopropyltoluene

Concen: 50.392 ug/l

RT: 13.50 min Scan# 1902

Delta R.T. -0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

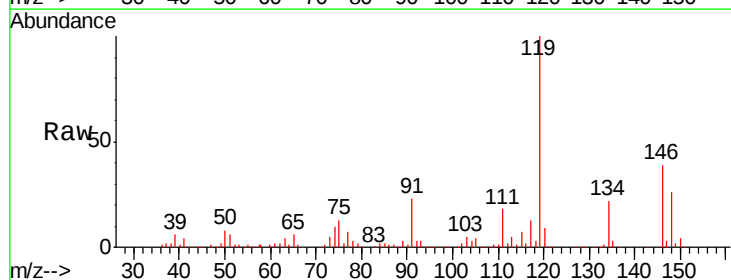
Tgt Ion:119 Resp: 200766

Ion Ratio Lower Upper

119 100

134 24.9 12.9 38.7

91 25.0 11.9 35.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

150000

100000

50000

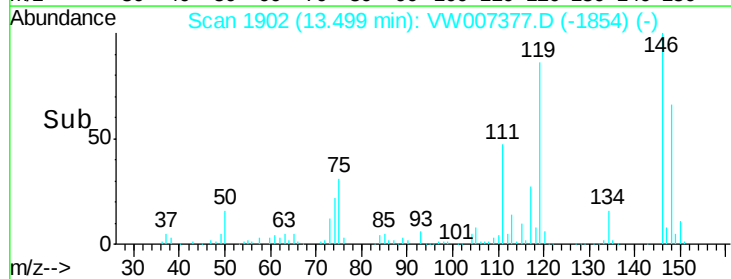
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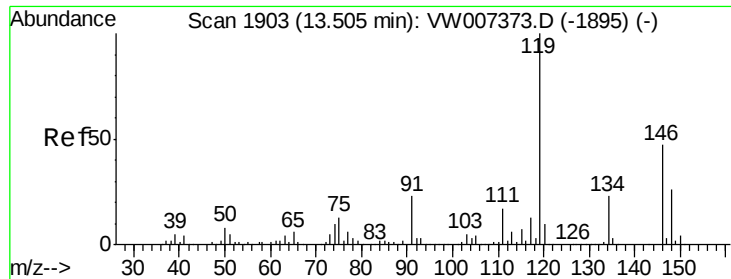
13.50

13.45

13.55

Time-->





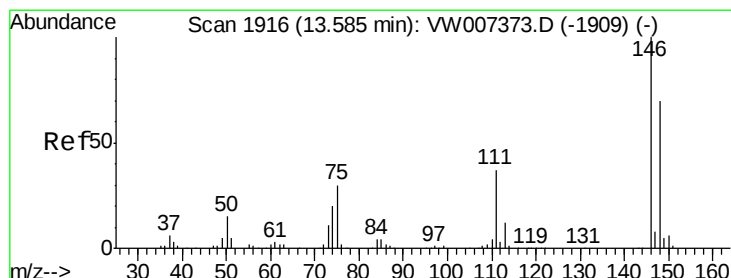
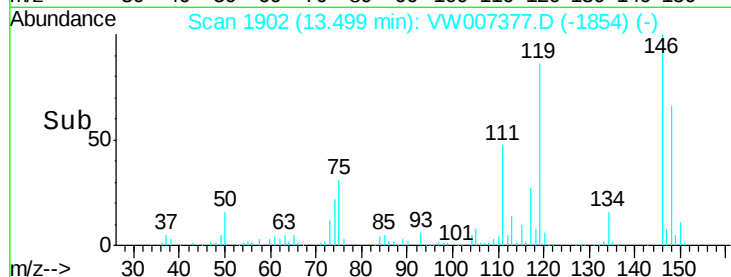
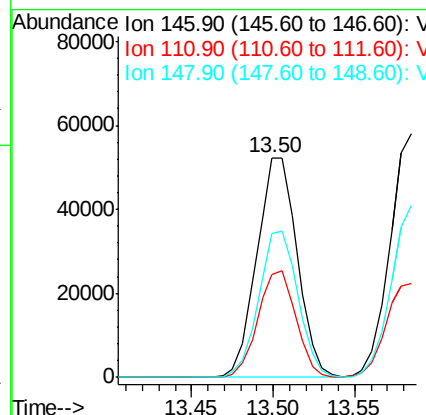
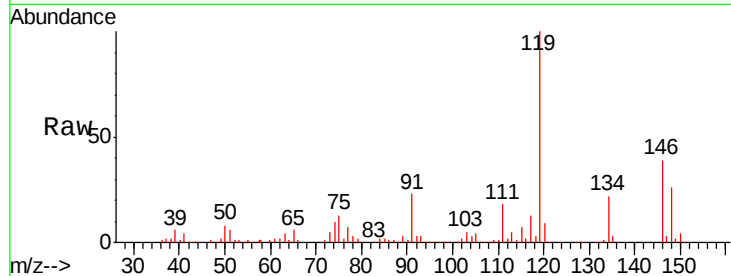
#87
 1,3-Dichlorobenzene
 Concen: 46.283 ug/l
 RT: 13.50 min Scan# 1902
 Delta R.T. -0.01 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW121118

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	89750		
111	45.6	20.1	60.3	
148	64.5	31.4	94.0	

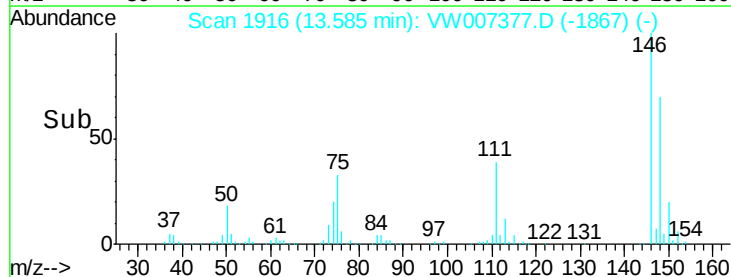
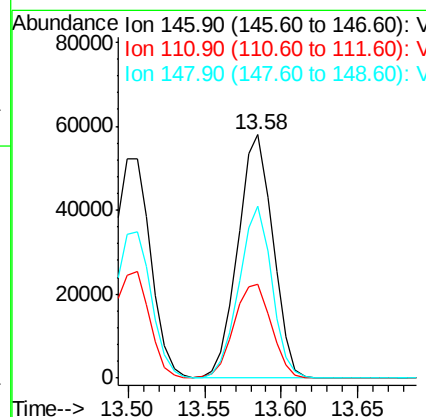
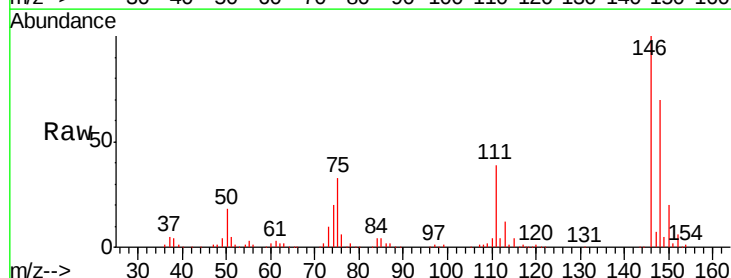
Manual Integrations
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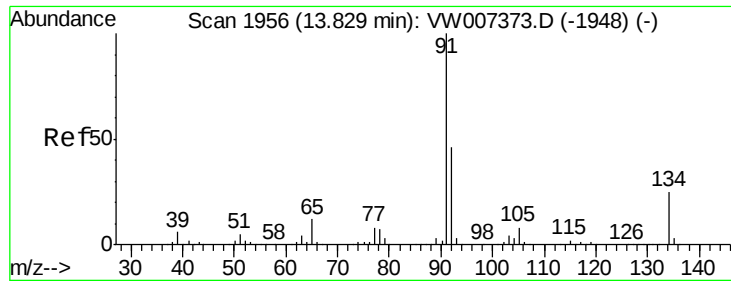
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#88
 1,4-Dichlorobenzene
 Concen: 47.447 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007377.D
 Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	92499		
111	41.2	20.3	61.0	
148	66.2	33.5	100.5	





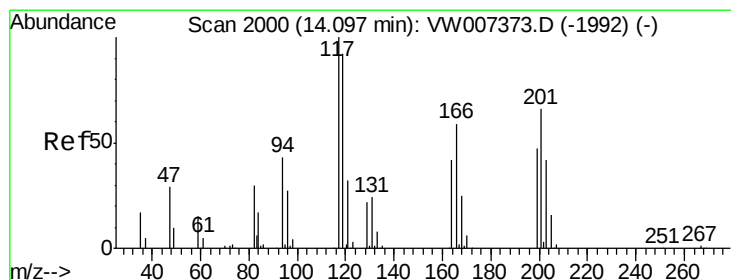
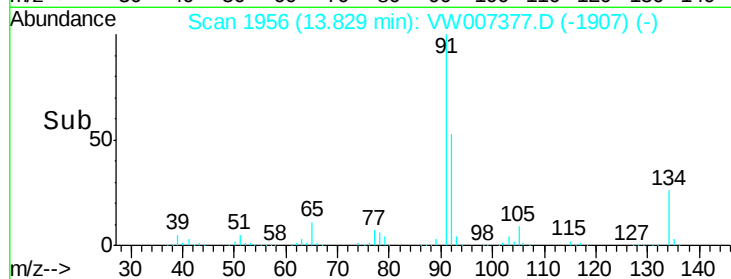
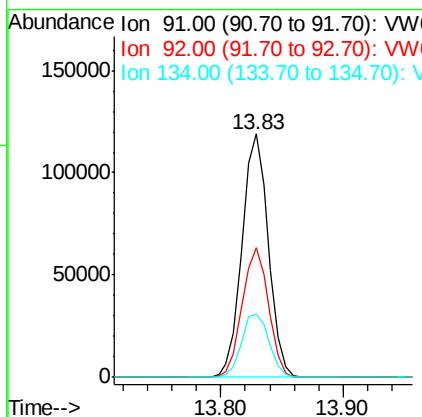
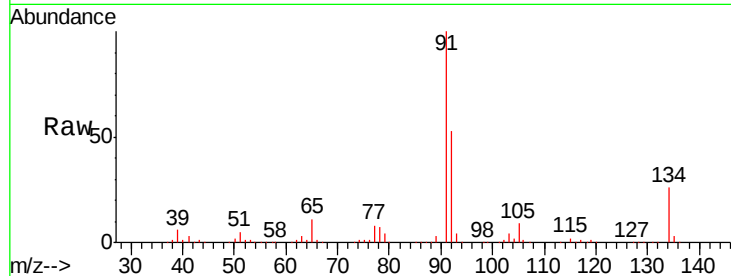
#89
n-Butylbenzene
Concen: 47.894 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion: 91 Resp: 176892
Ion Ratio Lower Upper
91 100
92 53.3 25.7 77.1
134 27.4 13.4 40.2

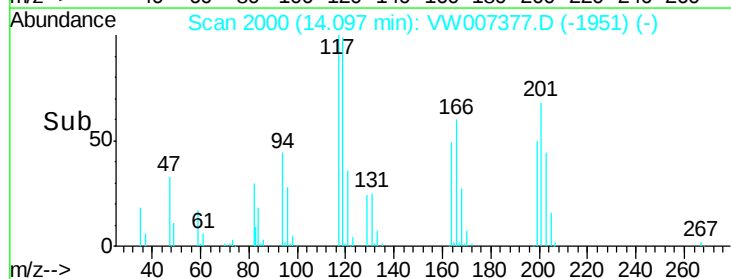
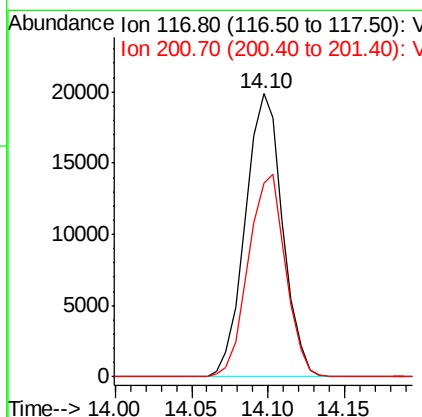
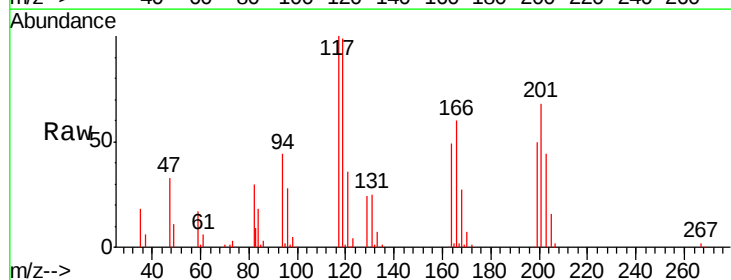
Manual Integrations
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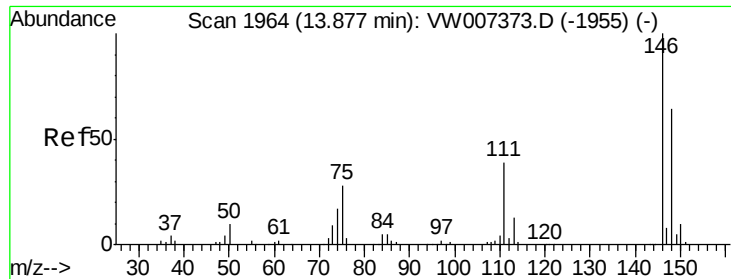
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#90
Hexachloroethane
Concen: 47.495 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion: 117 Resp: 33668
Ion Ratio Lower Upper
117 100
201 71.5 35.3 105.9





#91

1,2-Dichlorobenzene

Concen: 48.329 ug/l

RT: 13.88 min Scan# 1964

Delta R.T. 0.00 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Instrument :

MSVOA_W

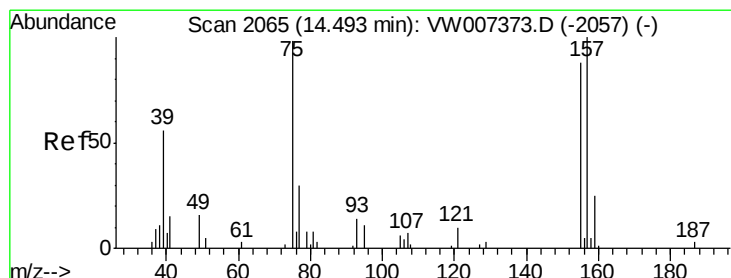
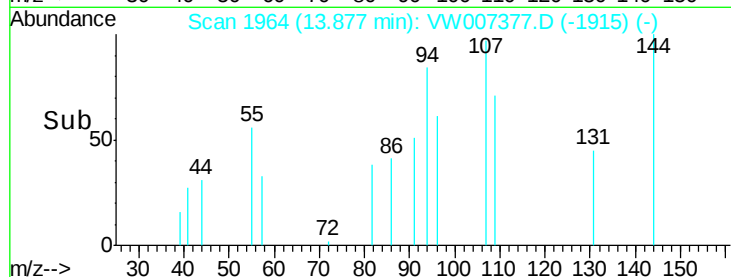
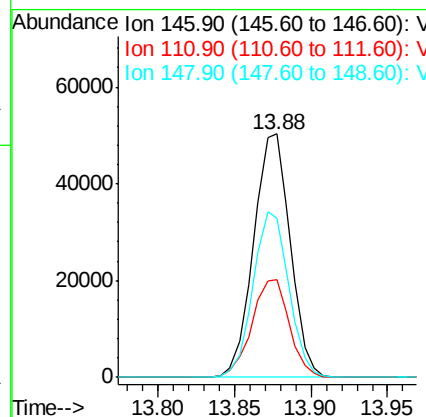
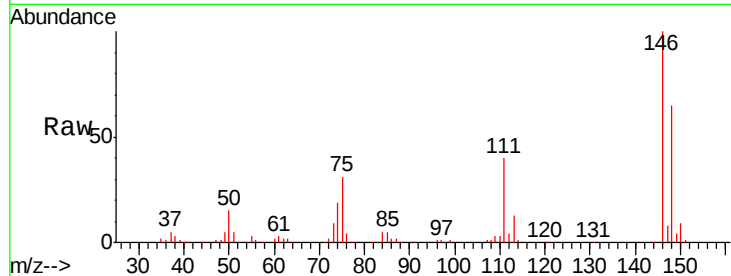
ClientSampleId :

ICVW121118

Tgt Ion:	146	Resp:	83940
Ion Ratio	Lower	Upper	
146	100		
111	41.1	22.4	67.2
148	66.1	32.4	97.2

Manual Integrations
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12/11/2018 4:55:59 PM



#92

1,2-Dibromo-3-Chloropropane

Concen: 46.374 ug/l

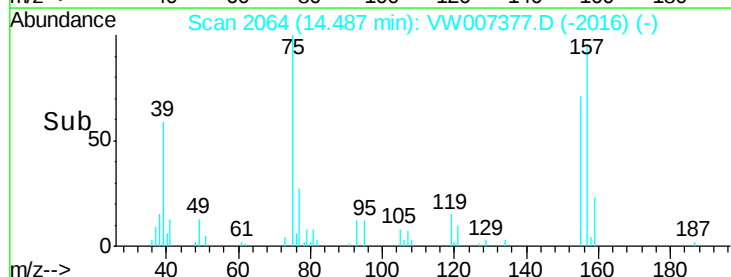
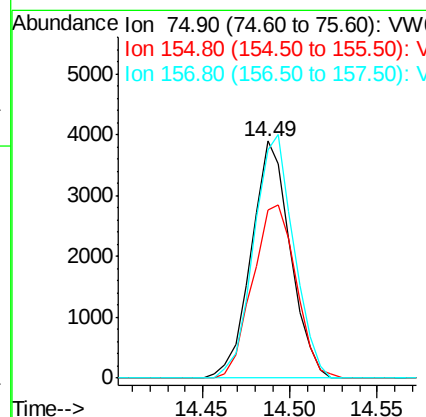
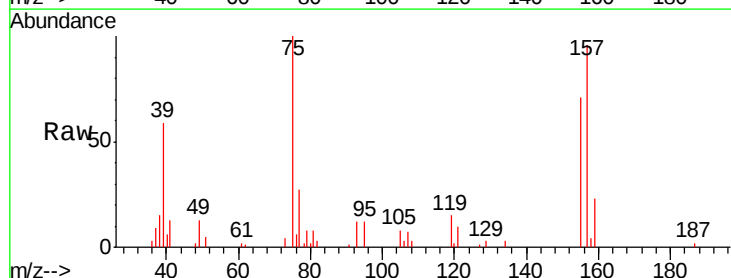
RT: 14.49 min Scan# 2064

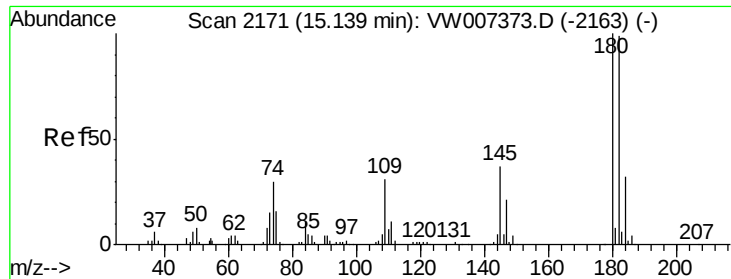
Delta R.T. -0.01 min

Lab File: VW007377.D

Acq: 11 Dec 2018 02:15

Tgt Ion:	75	Resp:	6048
Ion Ratio	Lower	Upper	
75	100		
155	81.0	40.8	122.2
157	105.0	51.1	153.4





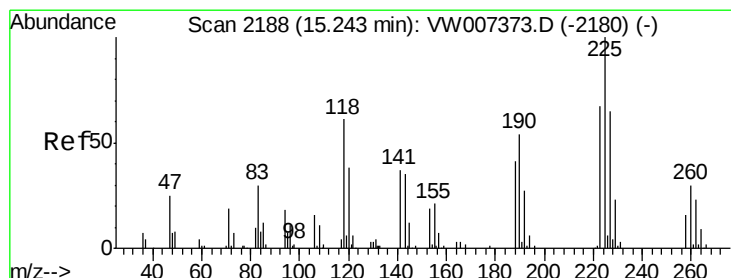
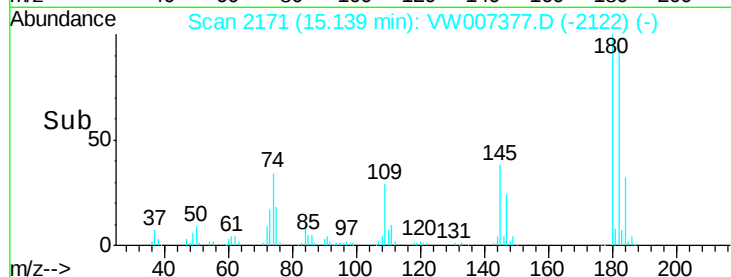
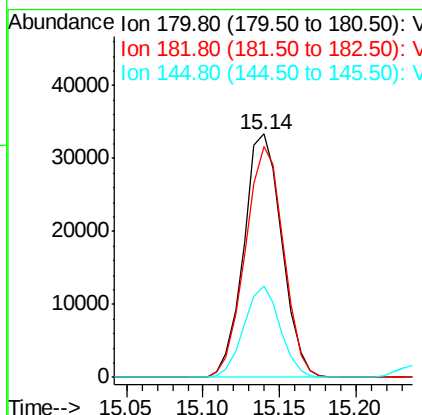
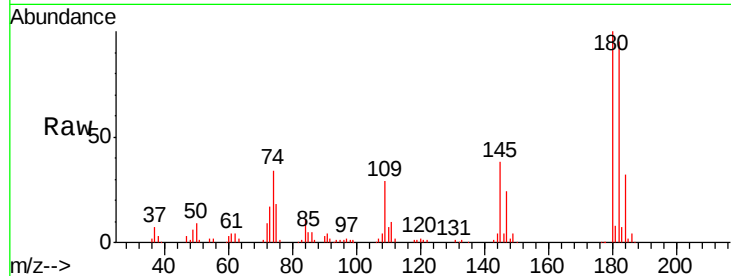
#93
1,2,4-Trichlorobenzene
Concen: 48.432 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	49.9	149.6
145	35.4	17.8	53.4

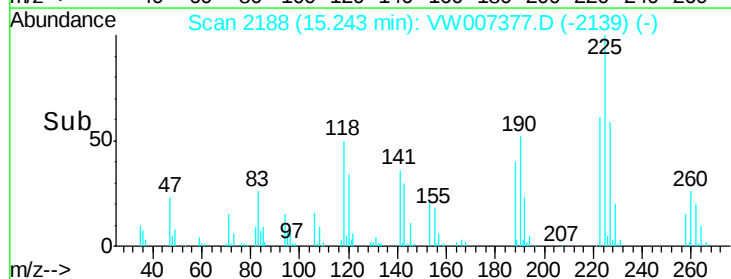
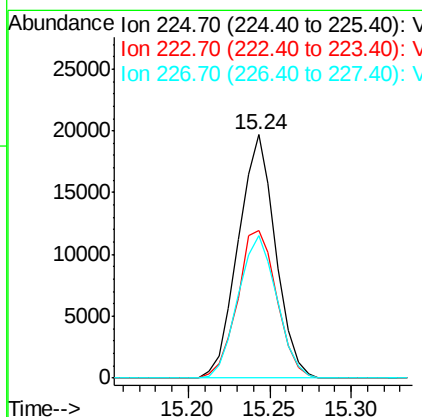
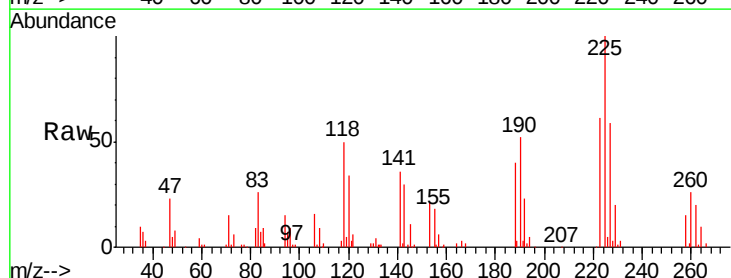
Manual Integrations
APPROVED

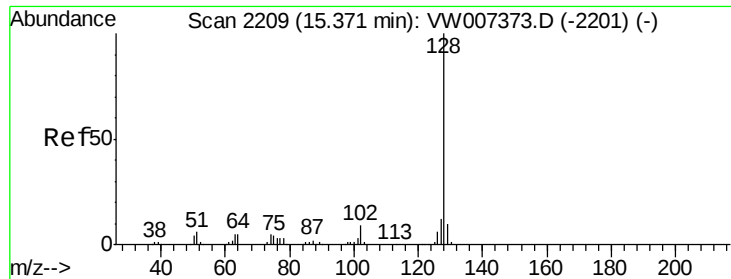
MMDadoda
12/11/2018 4:55:59 PM



#94
Hexachlorobutadiene
Concen: 49.303 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	32.1	96.3
227	60.8	31.9	95.9





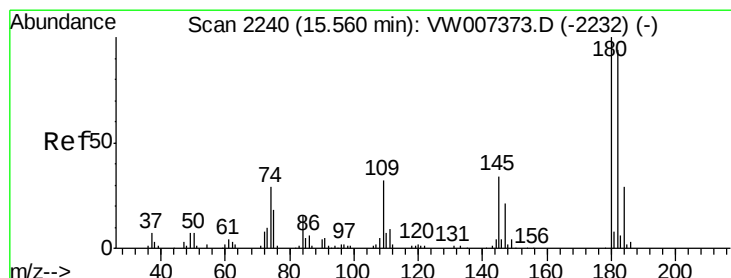
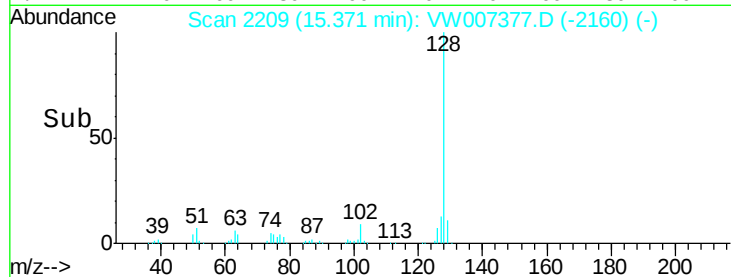
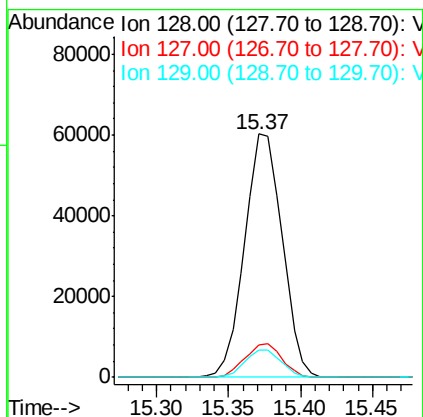
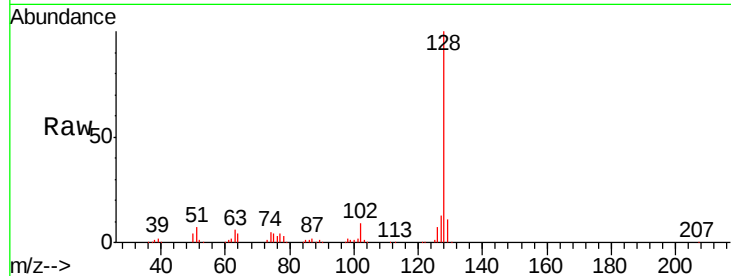
#95
Naphthalene
Concen: 47.693 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Instrument :
MSVOA_W
ClientSampleId :
ICVW121118

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	109055		
127	13.6		10.2	15.4
129	10.9		8.3	12.5

Manual Integrations
APPROVED

MMDadoda
12/11/2018 4:55:59 PM



#96
1,2,3-Trichlorobenzene
Concen: 49.546 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007377.D
Acq: 11 Dec 2018 02:15

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	51444		
182	92.0		45.6	136.7
145	35.3		17.5	52.5

