

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122418\
 Data File : VW007871.D
 Acq On : 23 Dec 2018 05:16
 Operator : SY/AP
 Sample : VW1224SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Manual Integrations
 APPROVED

MMDadoda
 12/24/2018 3:15:31 PM

Quant Time: Dec 24 04:15:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122118S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 20 06:30:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	70161	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	122225	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	109357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	53192	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	41883	54.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.92%	
35) Dibromofluoromethane	7.88	113	37941	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
50) Toluene-d8	10.32	98	149423	53.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.32%	
62) 4-Bromofluorobenzene	12.62	95	56777	52.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	10715	17.179	ug/l	87
3) Chloromethane	2.21	50	11962	31.232	ug/l	94
4) Vinyl Chloride	2.37	62	14029	28.775	ug/l	95
5) Bromomethane	2.78	94	8744	25.750	ug/l	89
6) Chloroethane	2.92	64	7339	28.137	ug/l	97
7) Trichlorofluoromethane	3.26	101	8666	17.073	ug/l	96
8) Diethyl Ether	3.67	74	8204	26.388	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	4.05	101	15800	21.136	ug/l	98
10) Methyl Iodide	4.27	142	26153	21.999	ug/l	96
11) Tert butyl alcohol	5.17	59	6198	119.480	ug/l	100
12) 1,1-Dichloroethene	4.03	96	15516	22.415	ug/l	90
13) Acrolein	3.90	56	3839	92.557	ug/l	99
14) Allyl chloride	4.66	41	22467	24.750	ug/l	91
15) Acrylonitrile	5.37	53	16244	122.486	ug/l	98
16) Acetone	4.12	43	13472	93.554	ug/l #	89
17) Carbon Disulfide	4.38	76	42877	20.016	ug/l	99
18) Methyl Acetate	4.67	43	9033	26.376	ug/l	95
19) Methyl tert-butyl Ether	5.43	73	26325	26.490	ug/l	95
20) Methylene Chloride	4.92	84	18159	21.639	ug/l	96
21) trans-1,2-Dichloroethene	5.42	96	16666	21.891	ug/l	92
22) Diisopropyl ether	6.31	45	44676	26.284	ug/l	96
23) Vinyl Acetate	6.26	43	121605	120.417	ug/l	98
24) 1,1-Dichloroethane	6.21	63	29627	23.693	ug/l	99
25) 2-Butanone	7.18	43	20031	118.760	ug/l	99
26) 2,2-Dichloropropane	7.17	77	17894	19.556	ug/l	97
27) cis-1,2-Dichloroethene	7.17	96	18723	23.083	ug/l	97
28) Bromochloromethane	7.51	49	9241	21.675	ug/l	92
29) Tetrahydrofuran	7.52	42	13371	132.902	ug/l	94
30) Chloroform	7.68	83	31373	22.170	ug/l	98
31) Cyclohexane	7.95	56	26299	22.974	ug/l	91
32) 1,1,1-Trichloroethane	7.87	97	27239	21.135	ug/l	98
36) 1,1-Dichloropropene	8.08	75	24516	20.782	ug/l	99
37) Ethyl Acetate	7.25	43	9597	23.572	ug/l	99
38) Carbon Tetrachloride	8.06	117	24527	17.654	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	30043	20.495	ug/l	98
40) Benzene	8.32	78	67943	21.583	ug/l	98
41) Methacrylonitrile	7.49	41	6113	26.446	ug/l	90
42) 1,2-Dichloroethane	8.40	62	21408	20.293	ug/l	100
43) Isopropyl Acetate	8.43	43	18557	22.751	ug/l	99
44) Trichloroethene	9.09	130	19219	20.188	ug/l	91
45) 1,2-Dichloropropane	9.37	63	15897	22.759	ug/l	99
46) Dibromomethane	9.46	93	8907	20.715	ug/l	94
47) Bromodichloromethane	9.65	83	21476	18.999	ug/l	97
48) Methyl methacrylate	9.44	41	9915m	24.353	ug/l	
49) 1,4-Dioxane	9.45	88	3109	456.054	ug/l #	93
51) 4-Methyl-2-Pentanone	10.21	43	45346	117.635	ug/l	97
52) Toluene	10.39	92	46009	21.784	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	21941	19.514	ug/l	98
54) cis-1,3-Dichloropropene	10.07	75	25583	20.599	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	12498	21.084	ug/l	95
56) Ethyl methacrylate	10.65	69	15362	21.934	ug/l	95
57) 1,3-Dichloropropane	10.93	76	21614	21.958	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	37803	118.221	ug/l	99
59) 2-Hexanone	10.97	43	30433	112.259	ug/l	99
60) Dibromochloromethane	11.13	129	13283	16.924	ug/l	96
61) 1,2-Dibromoethane	11.24	107	12450	20.740	ug/l	98
64) Tetrachloroethene	10.86	164	16608	21.447	ug/l	97
65) Chlorobenzene	11.66	112	48866	20.645	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.73	131	16935	20.024	ug/l	98
67) Ethyl Benzene	11.73	91	88156	21.704	ug/l	97
68) m/p-Xylenes	11.84	106	68378	43.398	ug/l	99
69) o-Xylene	12.17	106	32283	21.858	ug/l	99
70) Styrene	12.18	104	51995	21.417	ug/l	99
71) Bromoform	12.35	173	7161	16.310	ug/l #	98
73) Isopropylbenzene	12.47	105	90004	22.385	ug/l	98
74) N-amyl acetate	12.27	43	17508	25.139	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.72	83	13551	22.479	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	10637m	25.873	ug/l	
77) Bromobenzene	12.75	156	19666	21.342	ug/l	97
78) n-propylbenzene	12.81	91	103231	22.056	ug/l	98
79) 2-Chlorotoluene	12.90	91	60391	22.149	ug/l	97
80) 1,3,5-Trimethylbenzene	12.94	105	76789	22.141	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.52	75	3704	18.911	ug/l	97
82) 4-Chlorotoluene	12.99	91	63958	22.031	ug/l	100
83) tert-Butylbenzene	13.21	119	66983	22.012	ug/l	99
84) 1,2,4-Trimethylbenzene	13.26	105	78026	22.296	ug/l	99
85) sec-Butylbenzene	13.39	105	91711	21.868	ug/l	100
86) p-Isopropyltoluene	13.51	119	82295	21.580	ug/l	99
87) 1,3-Dichlorobenzene	13.51	146	39337	21.501	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	38711	21.153	ug/l	97
89) n-Butylbenzene	13.83	91	73976	21.157	ug/l	99
90) Hexachloroethane	14.10	117	12130	18.118	ug/l	99
91) 1,2-Dichlorobenzene	13.88	146	35081	21.416	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2231	18.021	ug/l	89

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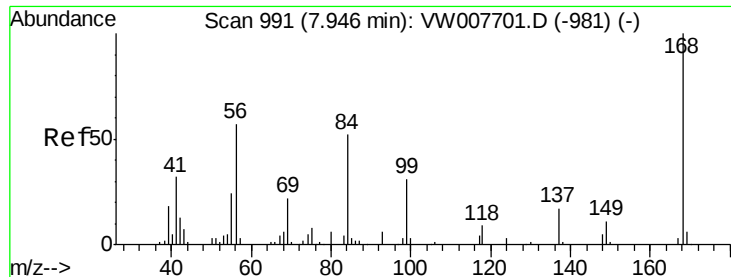
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	23593	20.749	ug/l	99
94) Hexachlorobutadiene	15.24	225	12719	20.931	ug/l	97
95) Naphthalene	15.37	128	49230	23.418	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	21096	21.674	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

Tgt Ion: 168 Resp: 70161

Ion Ratio Lower Upper

168 100

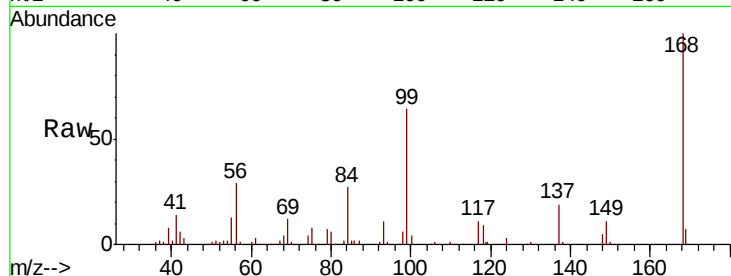
99 64.2 54.0 81.0

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Abundance Ion 167.90 (167.60 to 168.60): VW007701.D (-981) (-)

Ion 98.90 (98.60 to 99.60): VW007701.D (-981) (-)

7.95

30000

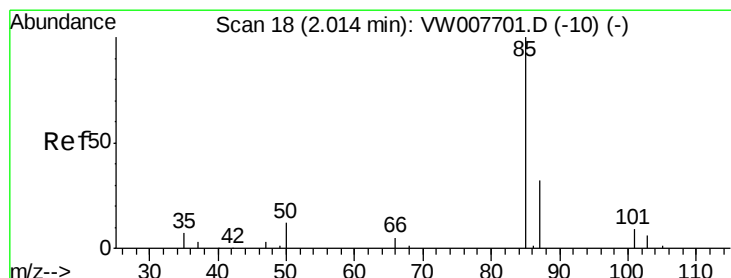
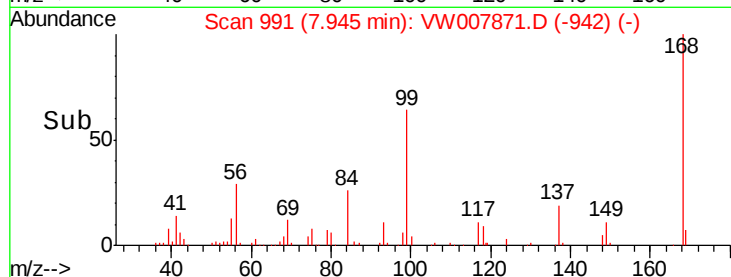
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 17.179 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.01 min

Lab File: VW007871.D

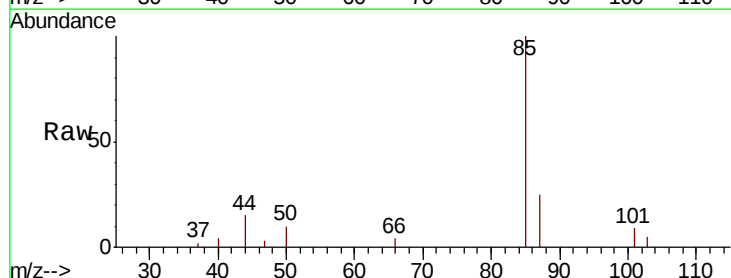
Acq: 23 Dec 2018 05:16

Tgt Ion: 85 Resp: 10715

Ion Ratio Lower Upper

85 100

87 25.3 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VW007701.D (-10) (-)

Ion 86.90 (86.60 to 87.60): VW007701.D (-10) (-)

2.01

4000

3000

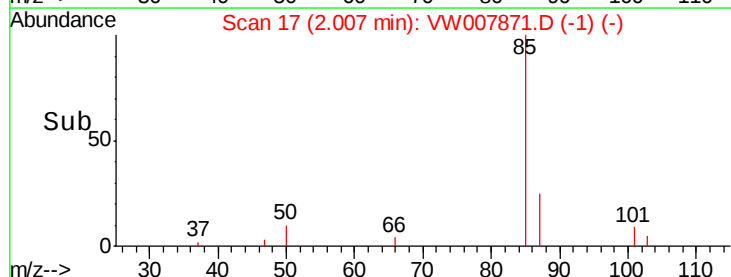
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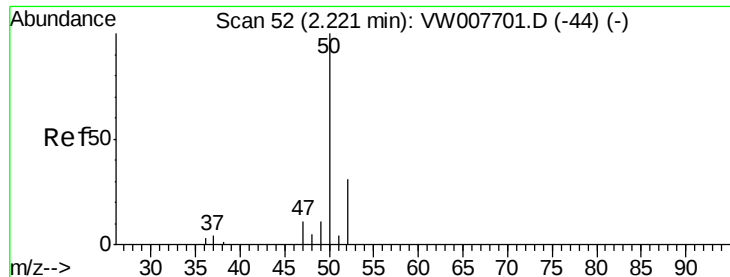
1000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 31.232 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

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ClientSampleId :

VW1224SBS02

Tgt Ion: 50 Resp: 11962

Ion Ratio Lower Upper

50 100

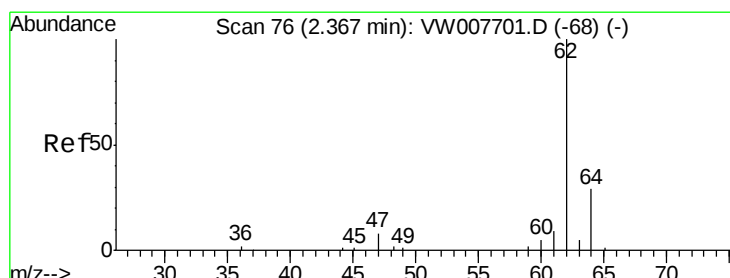
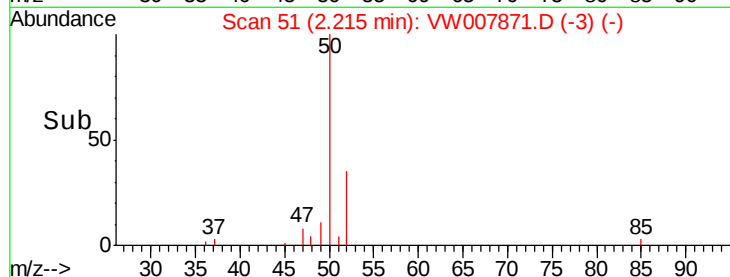
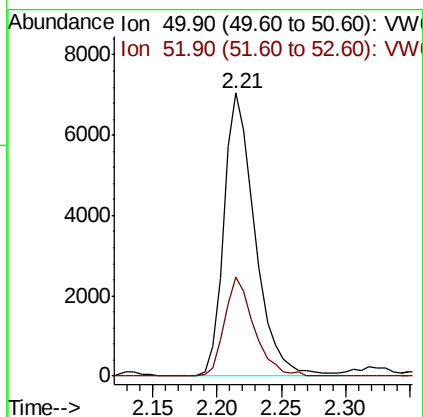
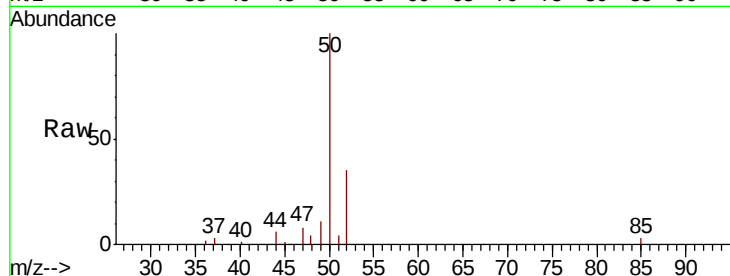
52 35.0 25.1 37.7

Manual Integrations

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#4

Vinyl Chloride

Concen: 28.775 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007871.D

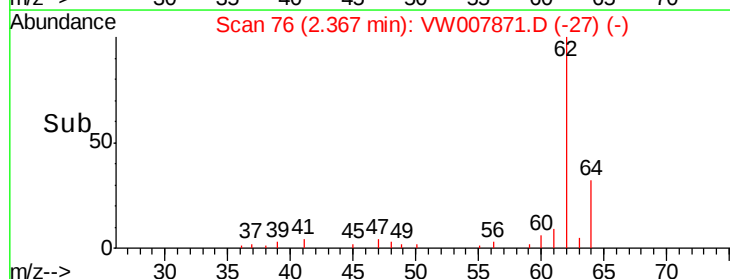
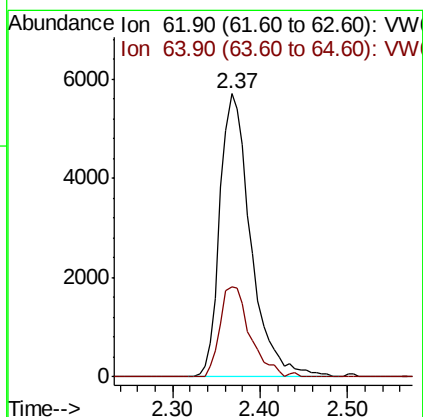
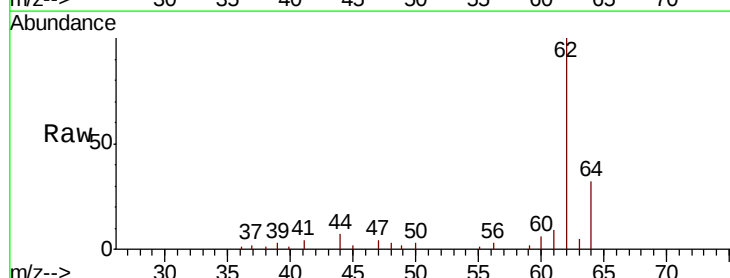
Acq: 23 Dec 2018 05:16

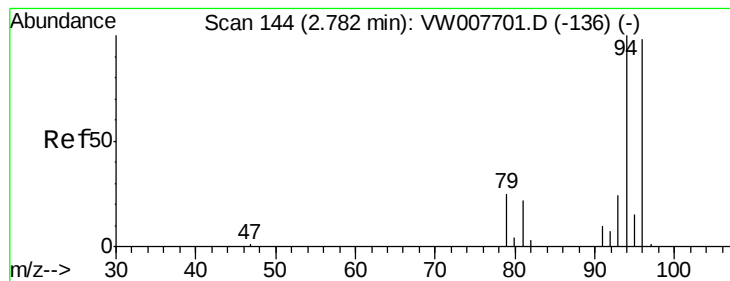
Tgt Ion: 62 Resp: 14029

Ion Ratio Lower Upper

62 100

64 32.0 23.4 35.0





#5

Bromomethane

Concen: 25.750 ug/l

RT: 2.78 min Scan# 143

Delta R.T. -0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

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ClientSampleId :

VW1224SBS02

Tgt Ion: 94 Resp: 8744

Ion Ratio Lower Upper

94 100

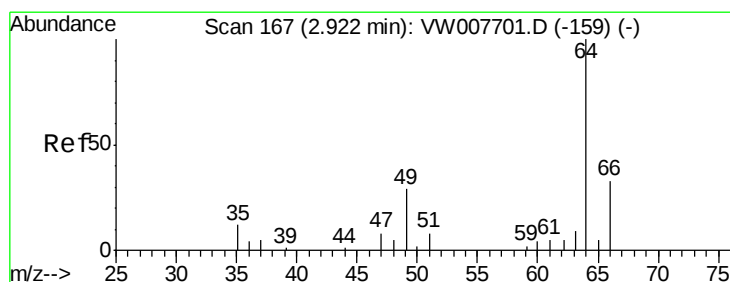
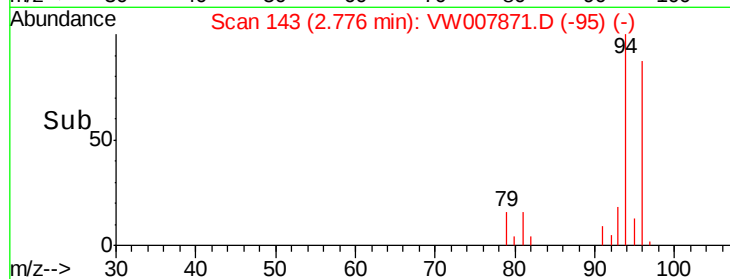
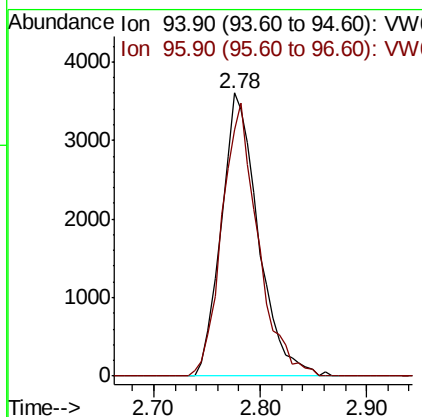
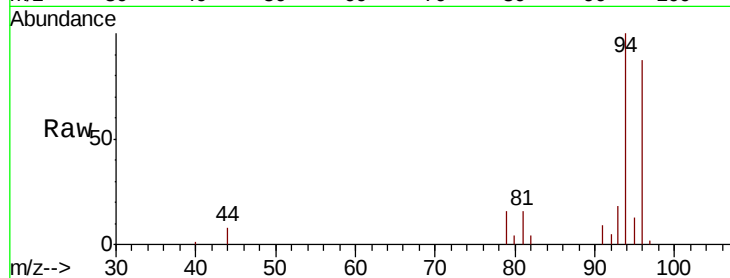
96 87.0 78.2 117.2

Manual Integrations

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#6

Chloroethane

Concen: 28.137 ug/l

RT: 2.92 min Scan# 167

Delta R.T. -0.00 min

Lab File: VW007871.D

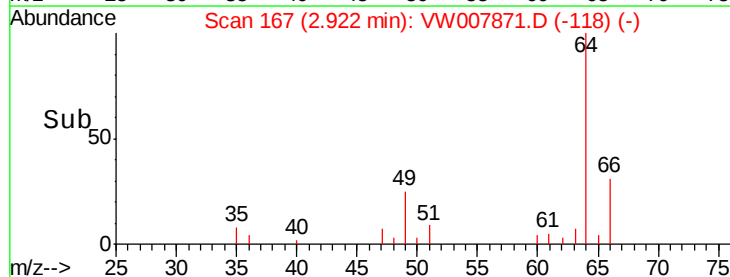
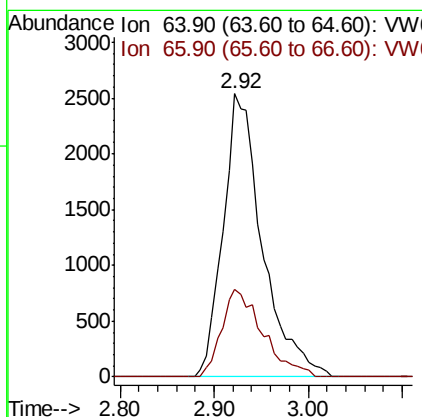
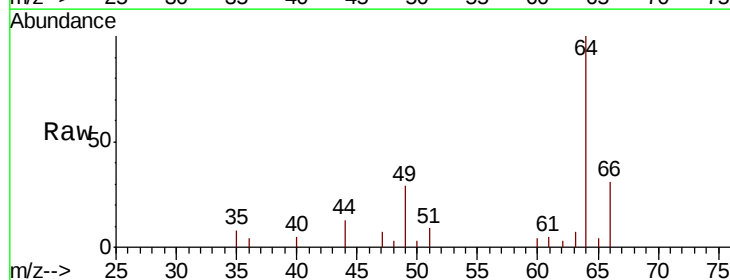
Acq: 23 Dec 2018 05:16

Tgt Ion: 64 Resp: 7339

Ion Ratio Lower Upper

64 100

66 31.0 26.2 39.4





#7

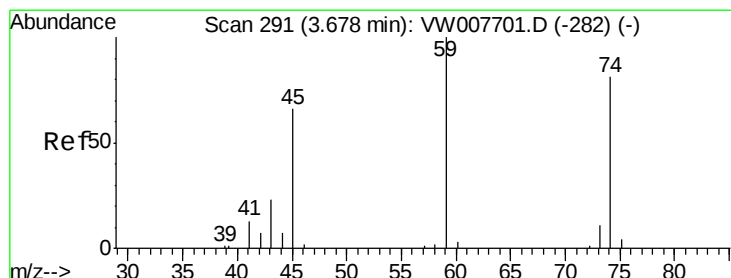
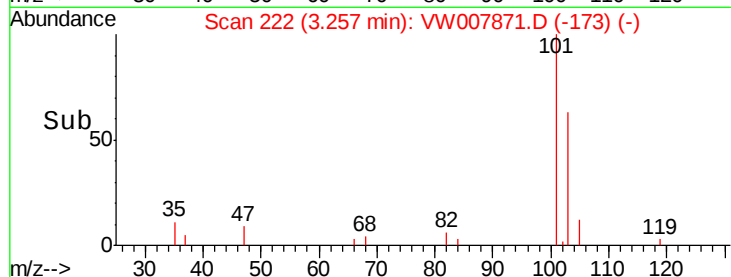
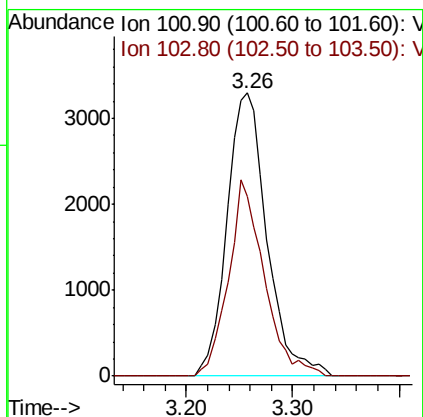
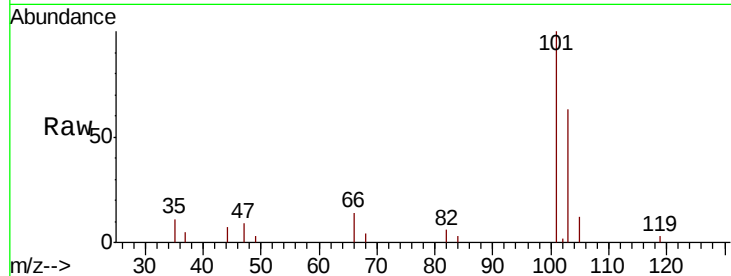
Trichlorofluoromethane
Concen: 17.073 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
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ClientSampleId :
VW1224SBS02

Tgt Ion: 101 Resp: 8666
Ion Ratio Lower Upper
101 100
103 63.5 53.4 80.2

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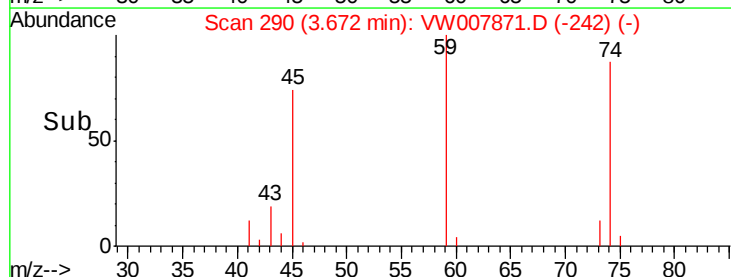
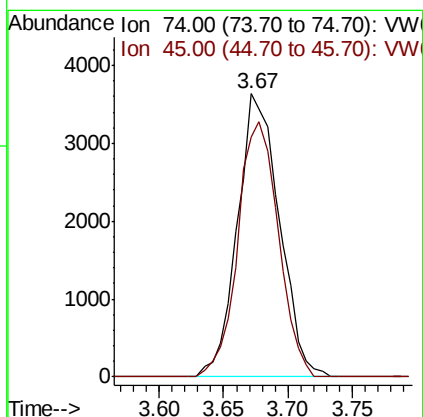
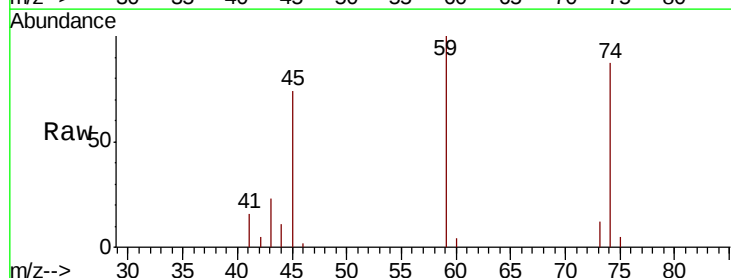
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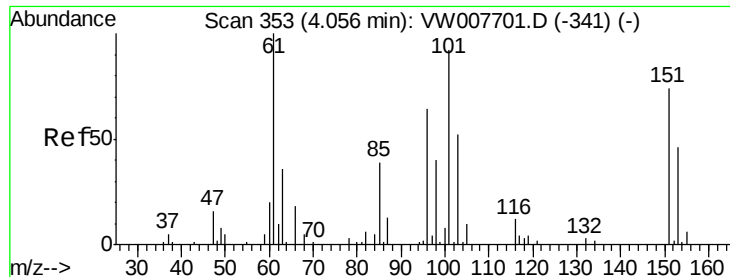


#8

Diethyl Ether
Concen: 26.388 ug/l
RT: 3.67 min Scan# 290
Delta R.T. -0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 74 Resp: 8204
Ion Ratio Lower Upper
74 100
45 87.2 39.4 118.1





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.136 ug/l

RT: 4.05 min Scan# 352

Delta R.T. -0.01 min

Lab File: VW007871.D

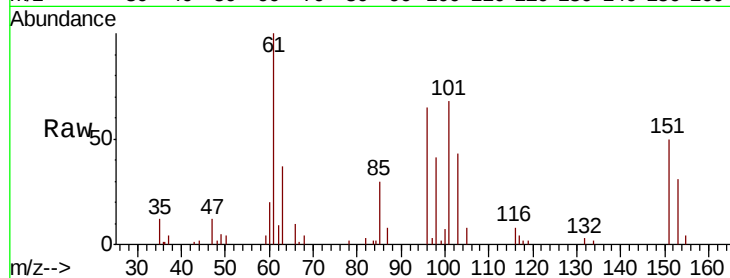
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Instrument :

MSVOA_W

ClientSampleId :

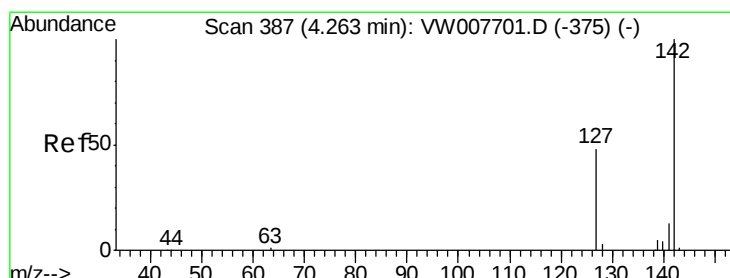
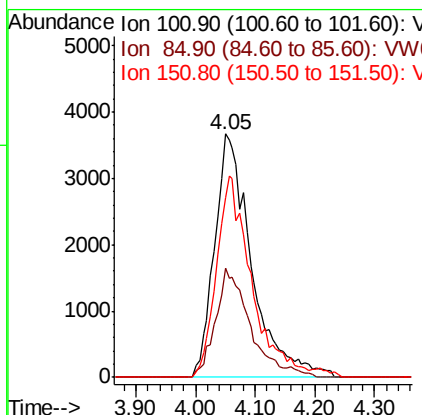
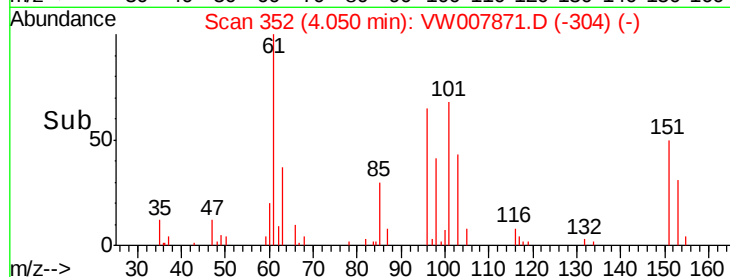
VW1224SBS02



Tgt Ion:	101	Resp:	15800
Ion Ratio	Lower	Upper	
101	100		
85	42.3	34.3	51.5
151	77.9	64.6	96.8

Manual Integrations
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#10

Methyl Iodide

Concen: 21.999 ug/l

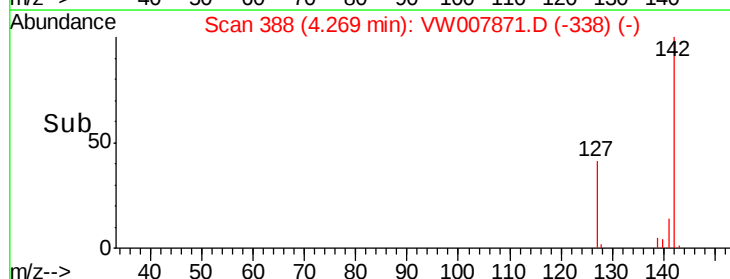
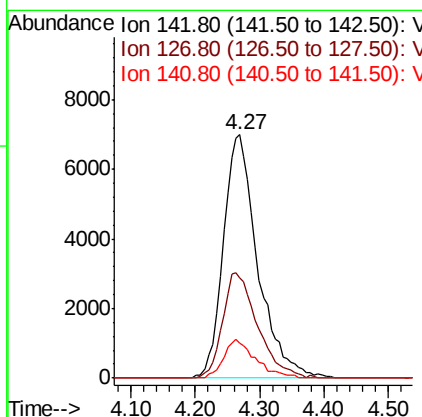
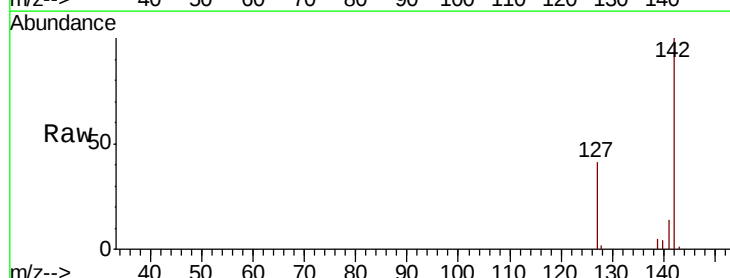
RT: 4.27 min Scan# 388

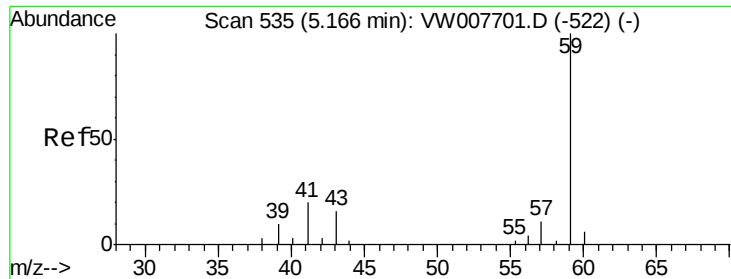
Delta R.T. 0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Tgt Ion:	142	Resp:	26153
Ion Ratio	Lower	Upper	
142	100		
127	43.7	37.7	56.5
141	14.6	11.5	17.3





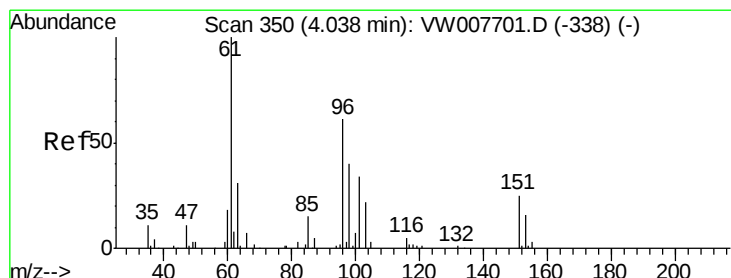
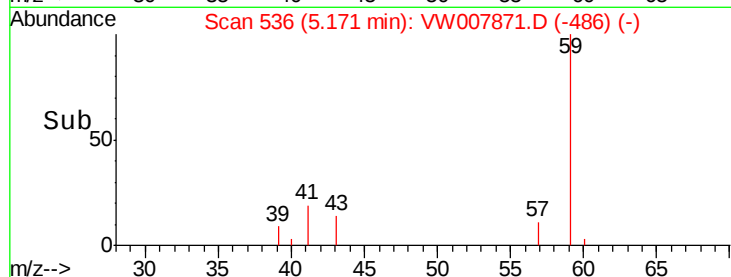
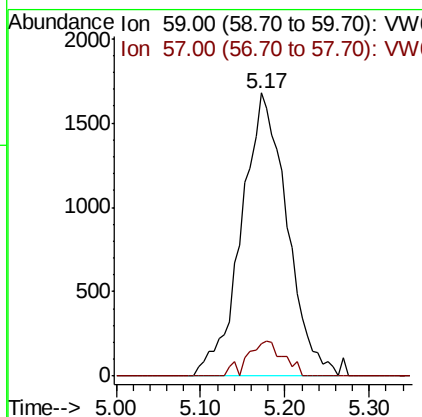
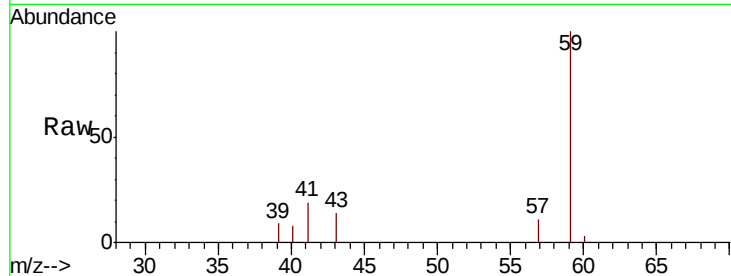
#11
Tert butyl alcohol
Concen: 119.480 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 59 Resp: 6198
Ion Ratio Lower Upper
59 100
57 9.8 7.8 11.8

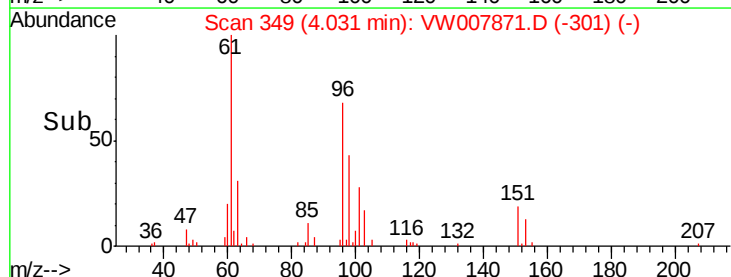
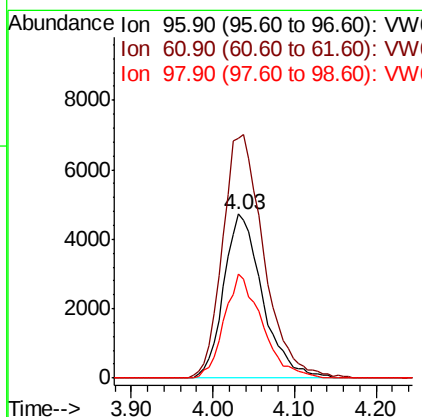
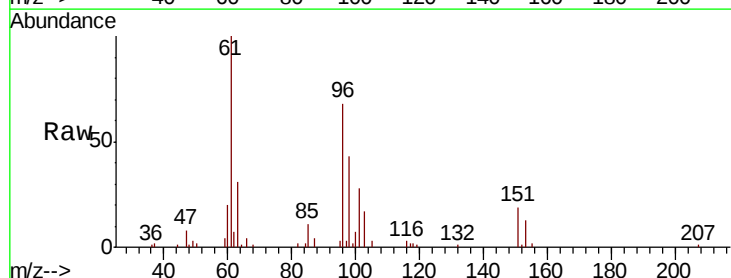
Manual Integrations
APPROVED

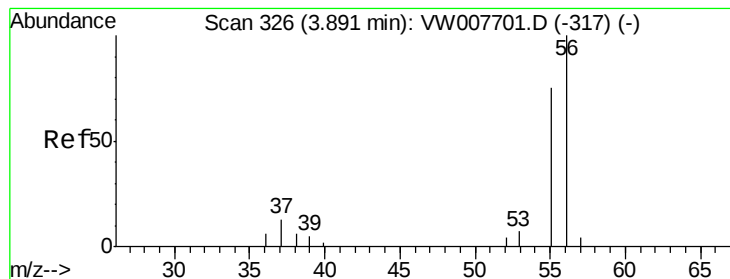
MMDadoda
12/24/2018 3:15:31 PM



#12
1,1-Dichloroethene
Concen: 22.415 ug/l
RT: 4.03 min Scan# 349
Delta R.T. -0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 96 Resp: 15516
Ion Ratio Lower Upper
96 100
61 146.4 130.6 195.8
98 63.6 52.3 78.5





#13

Acrolein

Concen: 92.557 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

Tgt Ion: 56 Resp: 3839

Ion Ratio Lower Upper

56 100

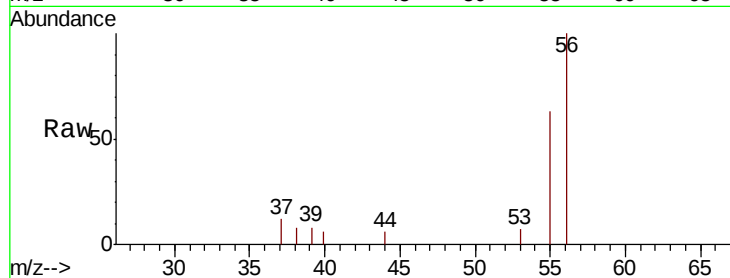
55 71.1 57.7 86.5

Manual Integrations

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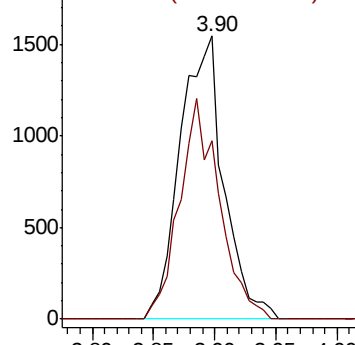
MMDadoda

12/24/2018 3:15:31 PM

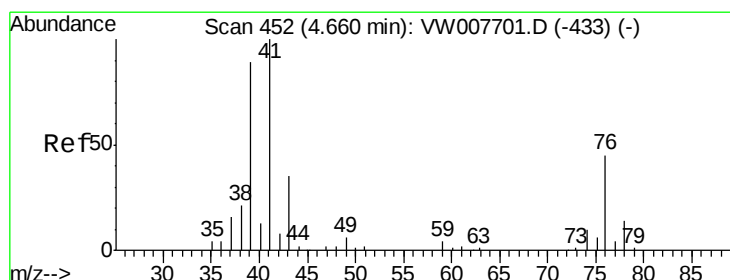
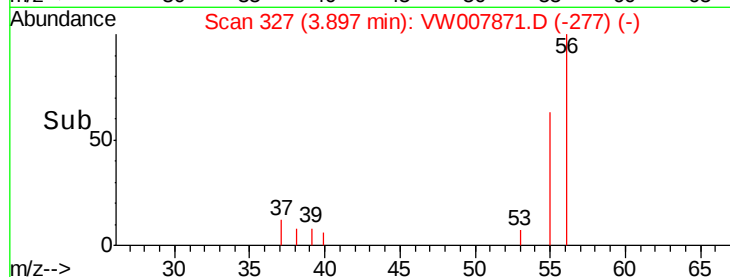


Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



Time-->



#14

Allyl chloride

Concen: 24.750 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

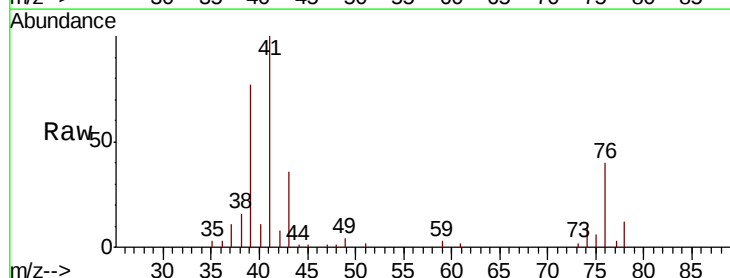
Tgt Ion: 41 Resp: 22467

Ion Ratio Lower Upper

41 100

39 77.8 69.5 104.3

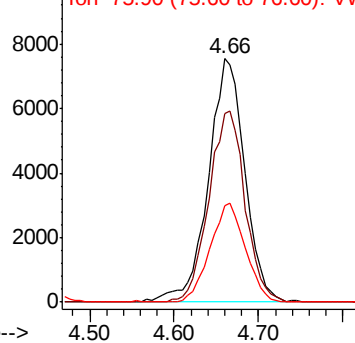
76 39.3 34.8 52.2



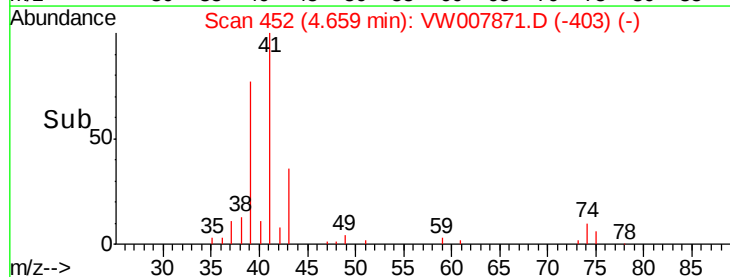
Abundance Ion 41.00 (40.70 to 41.70): VW

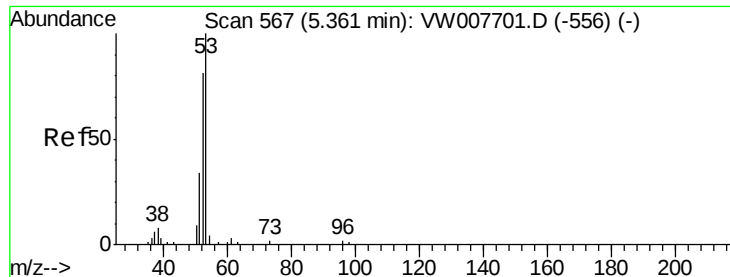
Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW



Time-->





#15

Acrylonitrile

Concen: 122.486 ug/l

RT: 5.37 min Scan# 568

Delta R.T. 0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

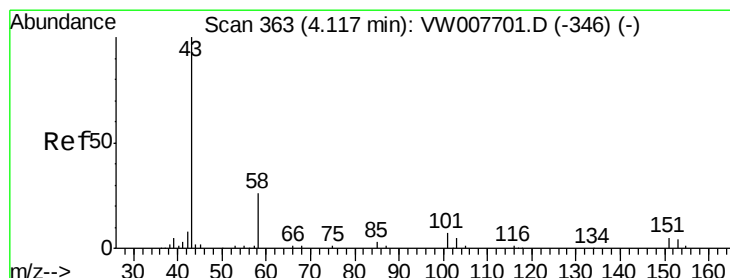
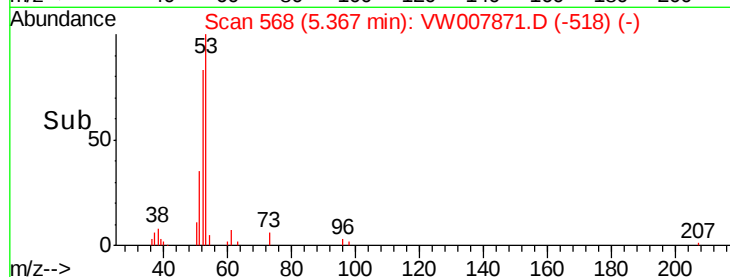
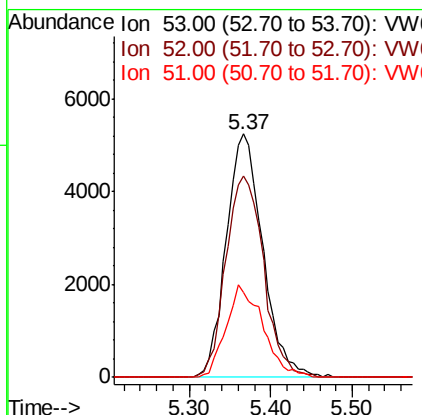
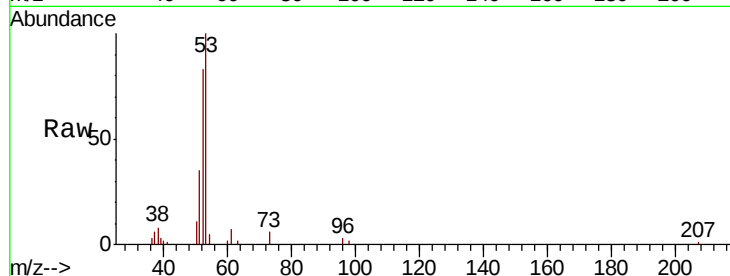
ClientSampleId :

VW1224SBS02

Tgt Ion:	53	Resp:	16244
Ion	Ratio	Lower	Upper
53	100		
52	85.6	67.0	100.4
51	38.5	30.2	45.2

Manual Integrations
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#16

Acetone

Concen: 93.554 ug/l

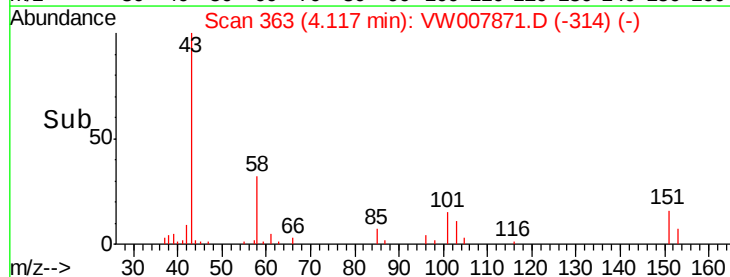
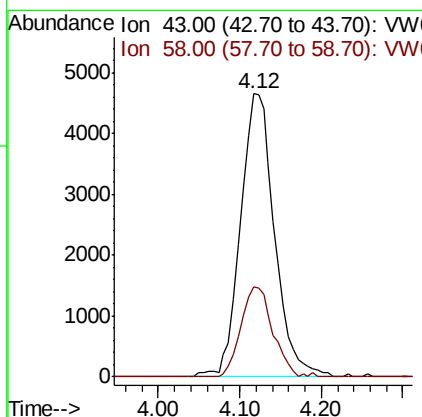
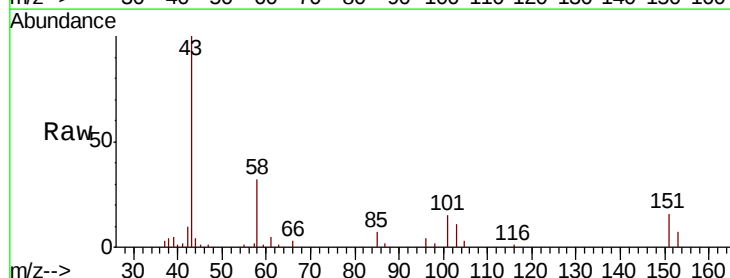
RT: 4.12 min Scan# 363

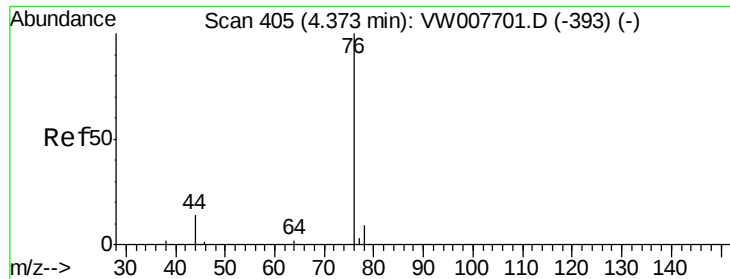
Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Tgt Ion:	43	Resp:	13472
Ion	Ratio	Lower	Upper
43	100		
58	32.1	21.2	31.8#





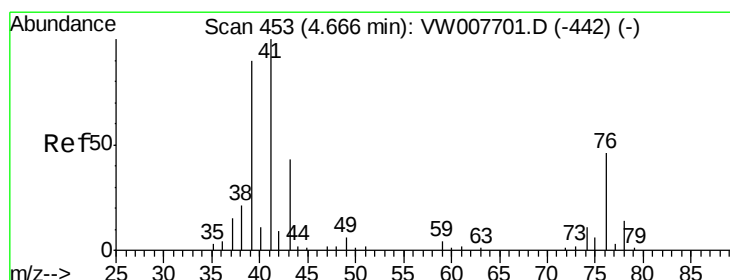
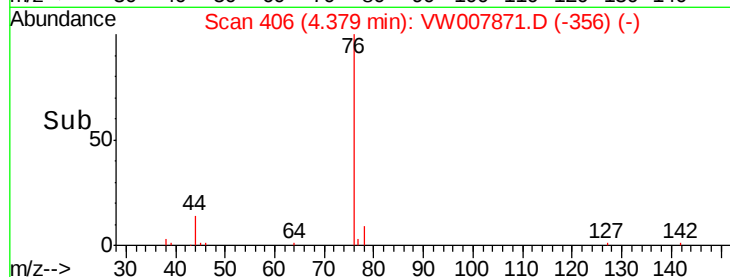
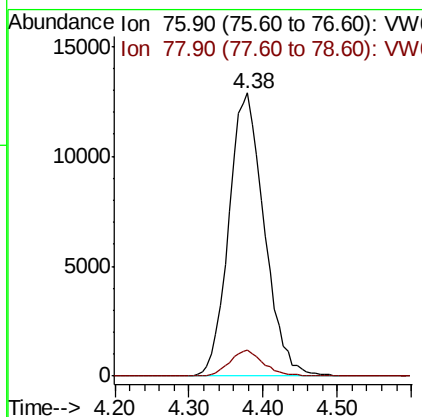
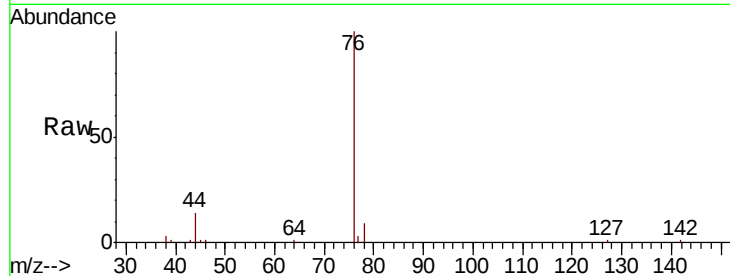
#17
Carbon Disulfide
Concen: 20.016 ug/l
RT: 4.38 min Scan# 406
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 76 Resp: 42877
Ion Ratio Lower Upper
76 100
78 9.4 7.3 10.9

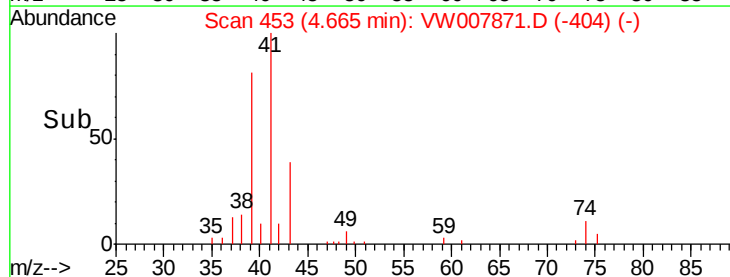
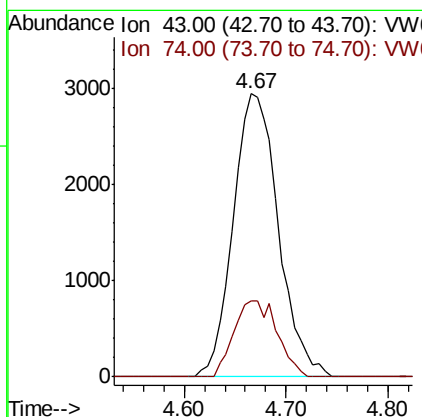
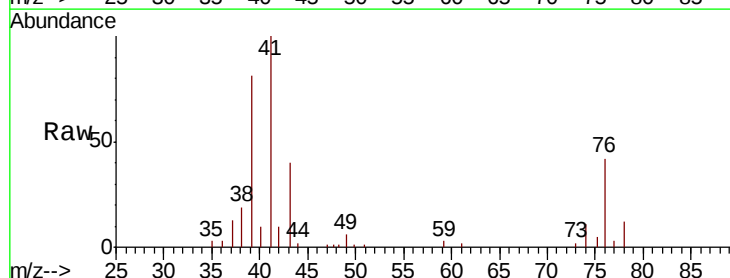
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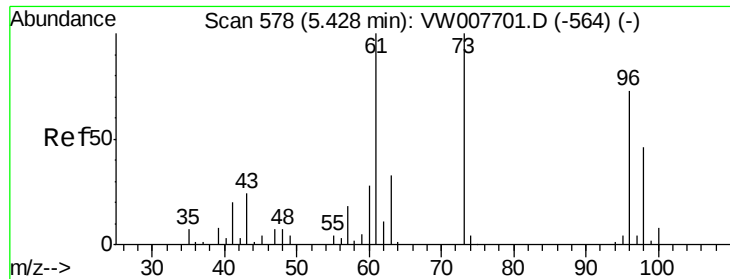
MMDadoda
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#18
Methyl Acetate
Concen: 26.376 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 43 Resp: 9033
Ion Ratio Lower Upper
43 100
74 25.7 22.7 34.1





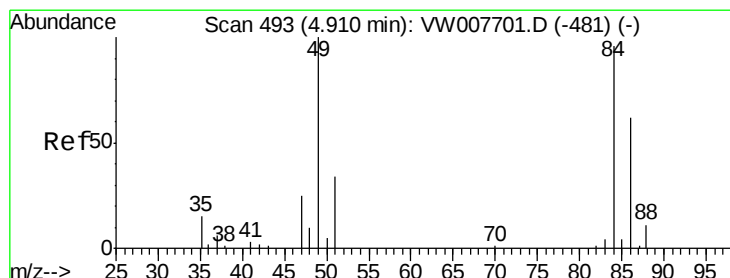
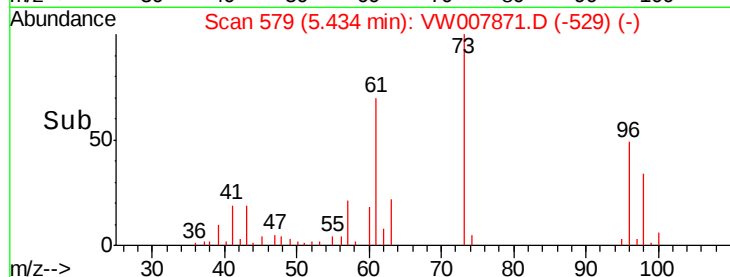
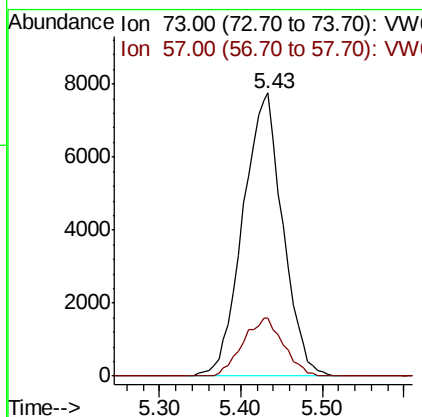
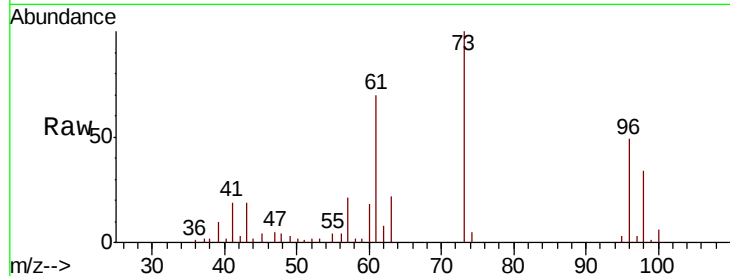
#19
Methyl tert-butyl Ether
Concen: 26.490 ug/l
RT: 5.43 min Scan# 579
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 73 Resp: 26325
Ion Ratio Lower Upper
73 100
57 20.5 14.7 22.1

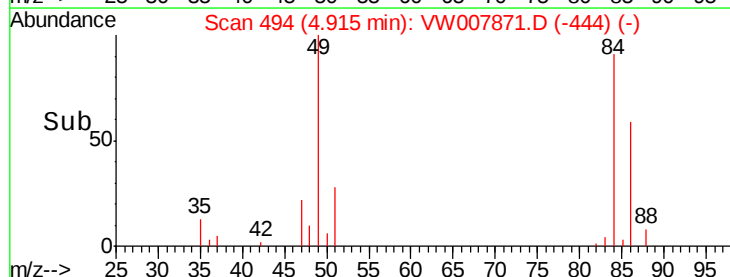
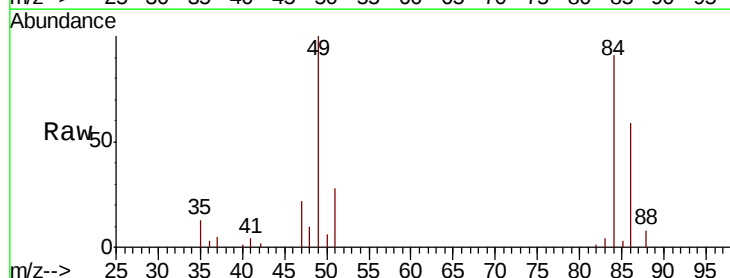
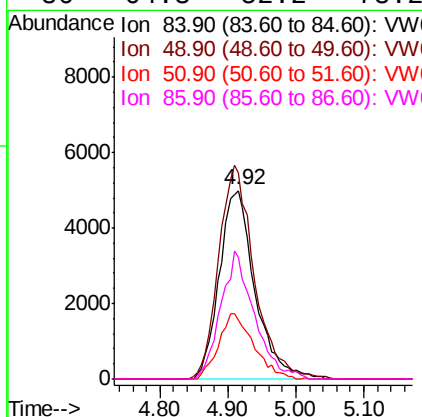
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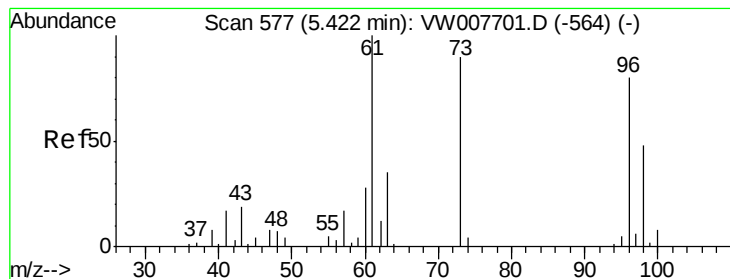
MMDadoda
12/24/2018 3:15:31 PM



#20
Methylene Chloride
Concen: 21.639 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 84 Resp: 18159
Ion Ratio Lower Upper
84 100
49 109.6 83.7 125.5
51 31.0 28.2 42.2
86 64.3 52.2 78.2





#21

trans-1,2-Dichloroethene

Concen: 21.891 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

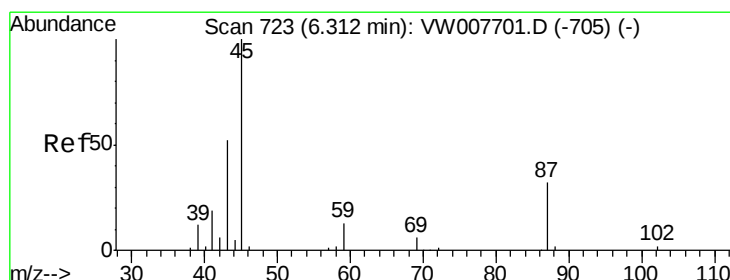
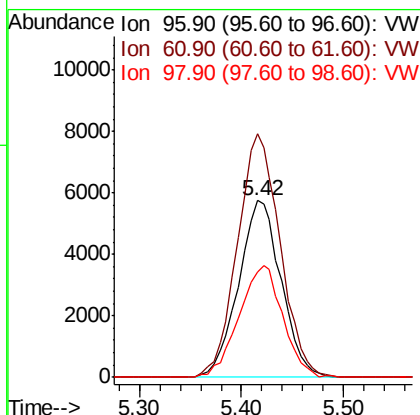
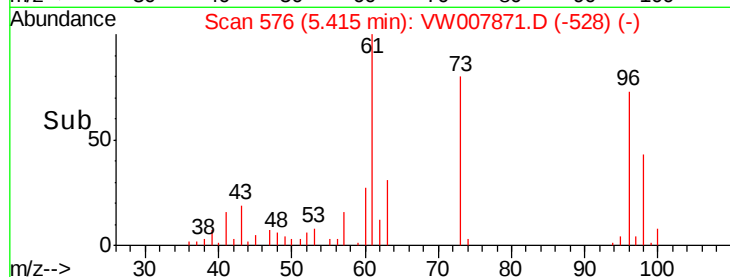
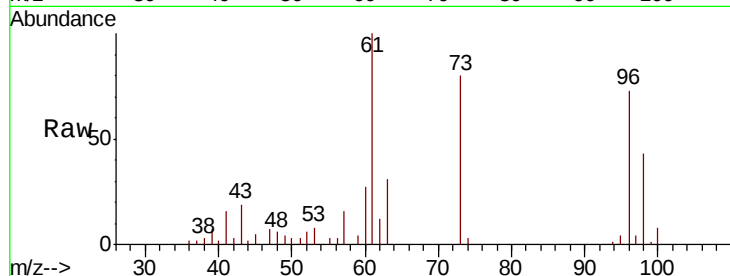
ClientSampleId :

VW1224SBS02

Tgt Ion:	96	Resp:	16666
Ion	Ratio	Lower	Upper
96	100		
61	137.7	100.1	150.1
98	59.7	48.5	72.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 26.284 ug/l

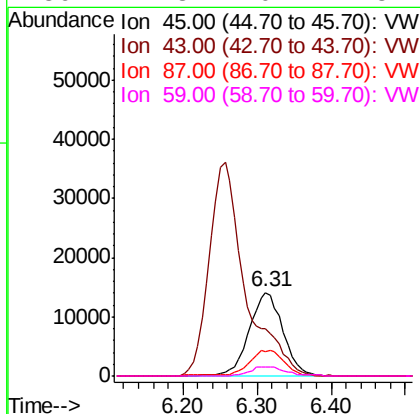
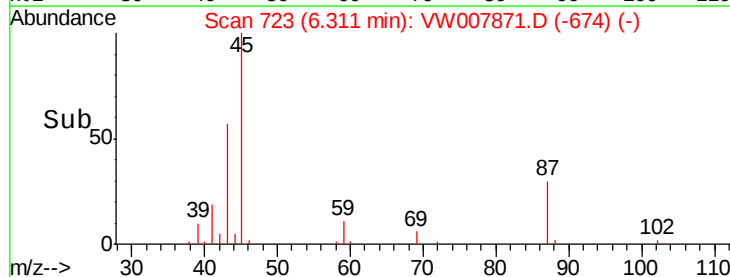
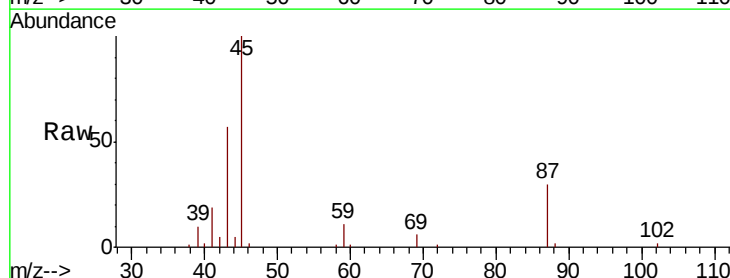
RT: 6.31 min Scan# 723

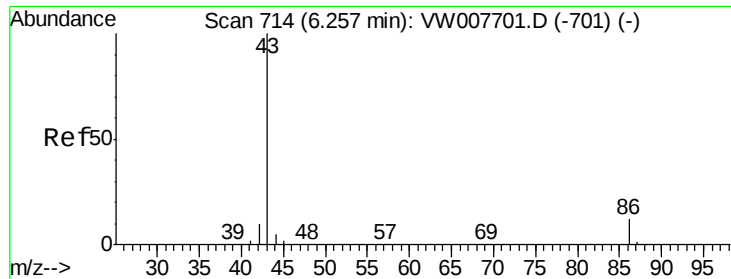
Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Tgt Ion:	45	Resp:	44676
Ion	Ratio	Lower	Upper
45	100		
43	56.1	43.7	65.5
87	29.6	26.6	40.0
59	11.3	10.2	15.2





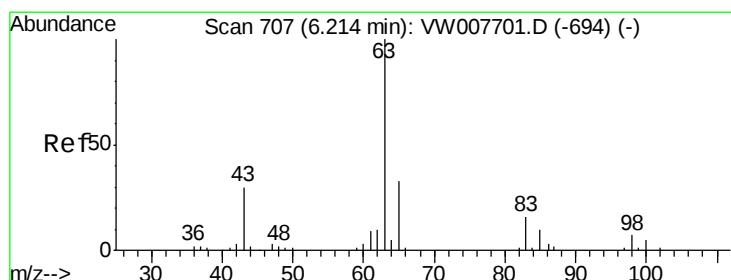
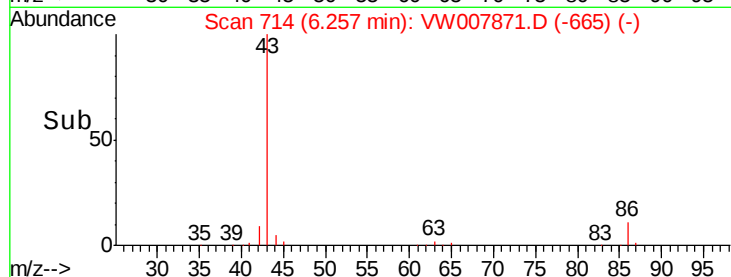
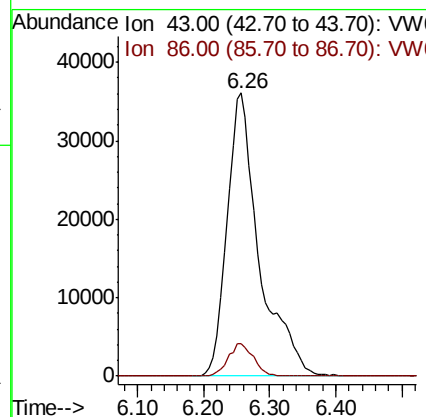
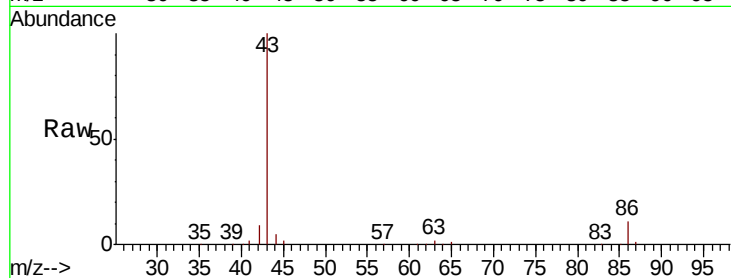
#23
 Vinyl Acetate
 Concen: 120.417 ug/l
 RT: 6.26 min Scan# 714
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion: 43 Resp: 121605
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.6 14.4

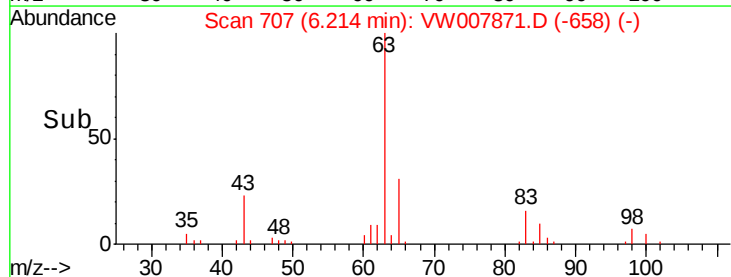
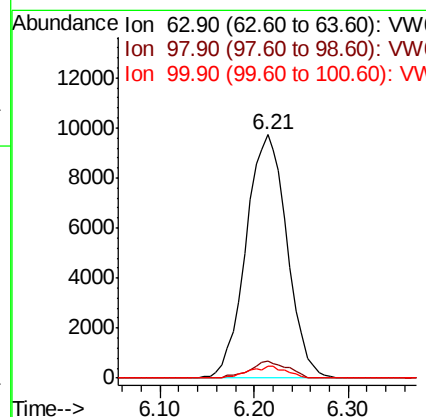
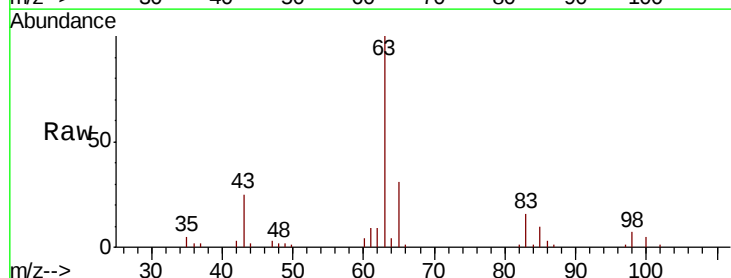
Manual Integrations
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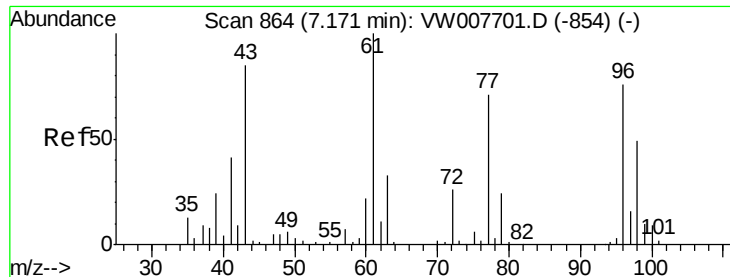
MMDadoda
 12/24/2018 3:15:31 PM



#24
 1,1-Dichloroethane
 Concen: 23.693 ug/l
 RT: 6.21 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 63 Resp: 29627
 Ion Ratio Lower Upper
 63 100
 98 6.8 3.6 10.9
 100 4.7 2.5 7.5





#25

2-Butanone

Concen: 118.760 ug/l

RT: 7.18 min Scan# 865

Delta R.T. 0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

Tgt Ion: 43 Resp: 20031

Ion Ratio Lower Upper

43 100

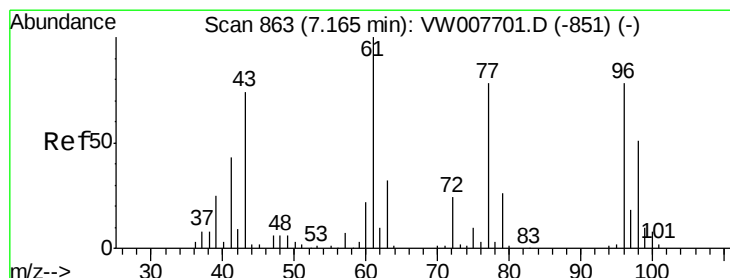
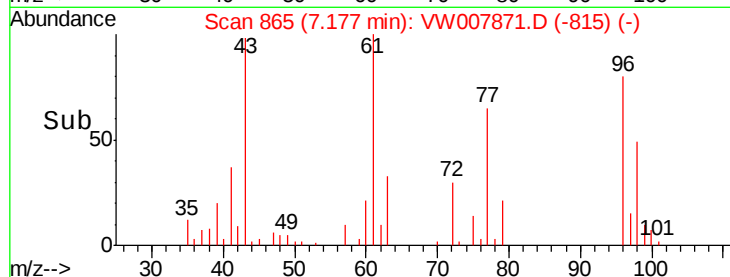
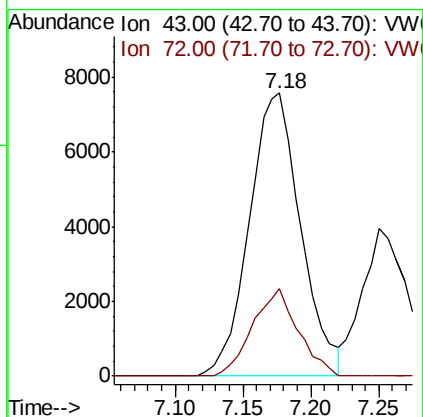
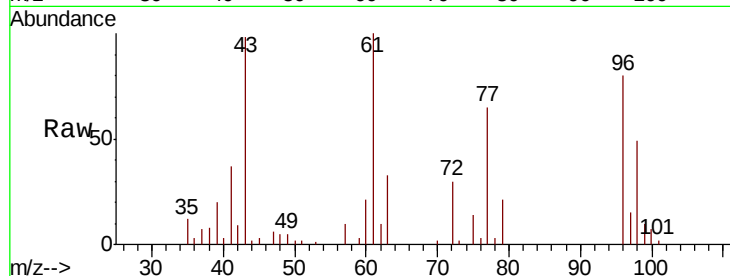
72 31.0 24.5 36.7

Manual Integrations

APPROVED

MMDadoda

12/24/2018 3:15:31 PM



#26

2,2-Dichloropropane

Concen: 19.556 ug/l

RT: 7.17 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007871.D

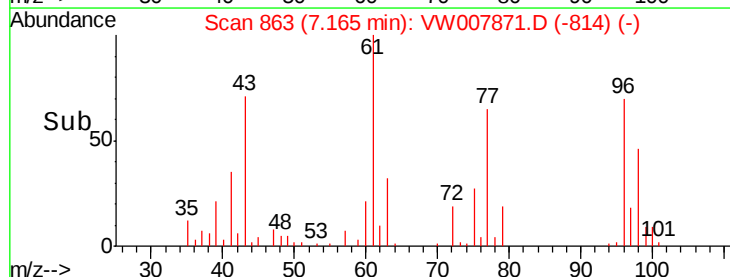
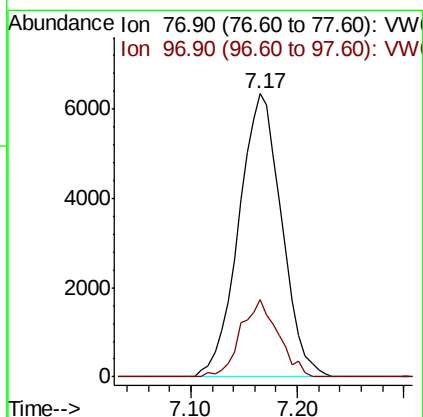
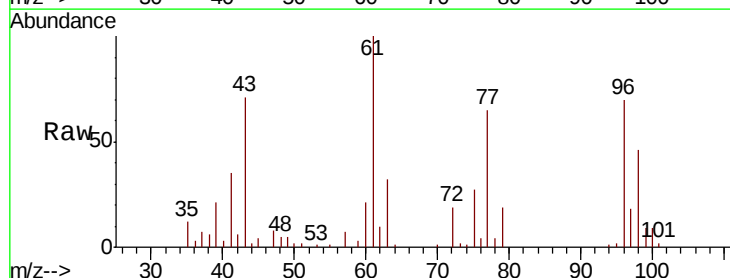
Acq: 23 Dec 2018 05:16

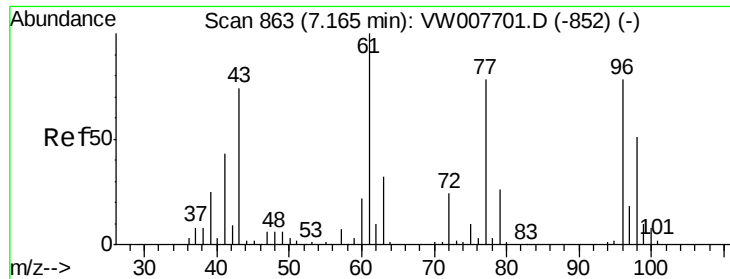
Tgt Ion: 77 Resp: 17894

Ion Ratio Lower Upper

77 100

97 24.1 11.3 33.9





#27

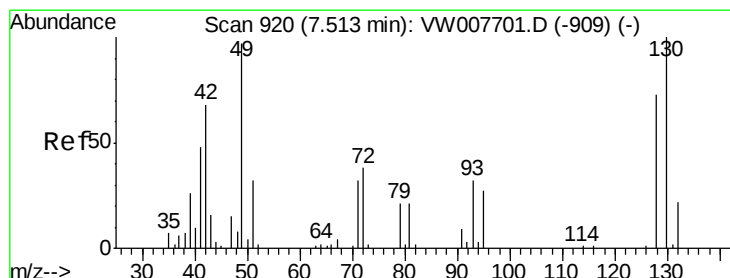
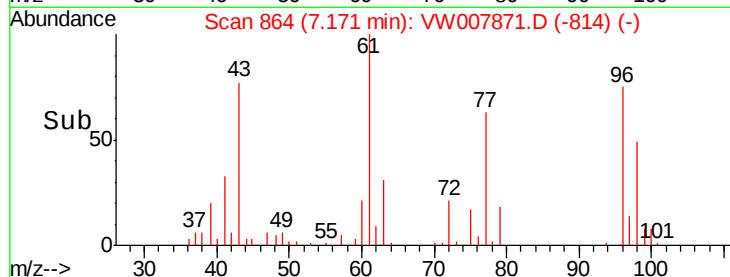
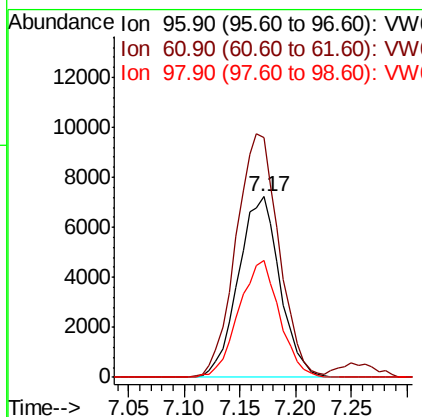
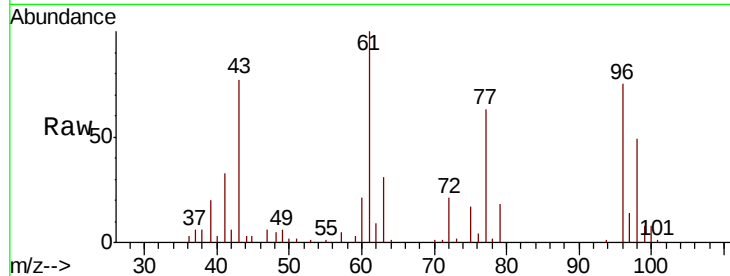
cis-1,2-Dichloroethene
Concen: 23.083 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
96	100		
61	139.3	0.0	271.6
98	63.5	0.0	131.2

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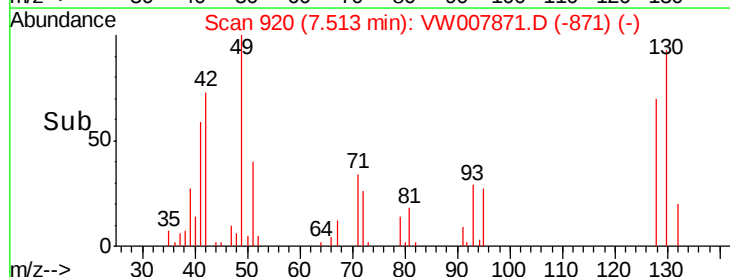
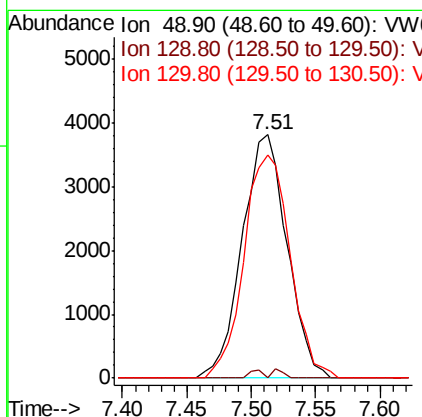
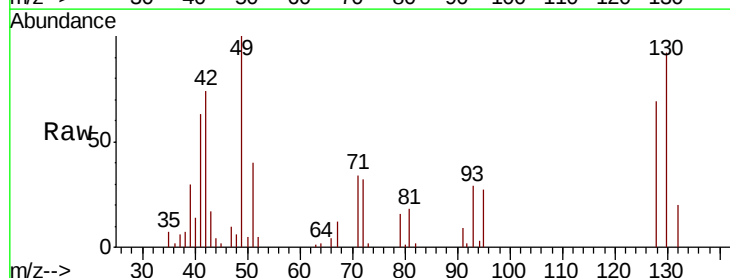
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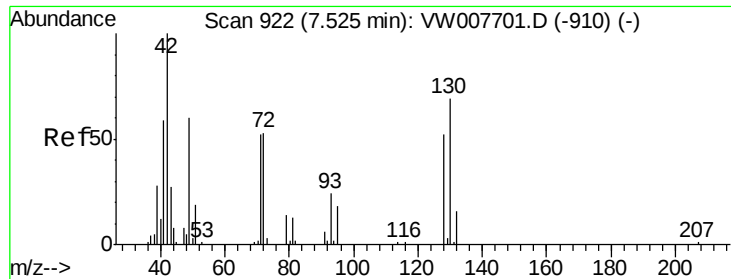


#28

Bromochloromethane
Concen: 21.675 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
49	100		
129	0.9	0.0	2.2
130	93.9	81.5	122.3





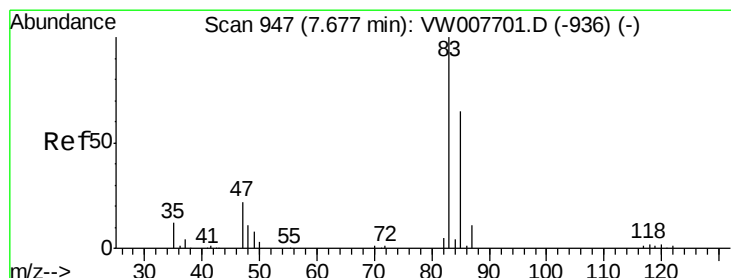
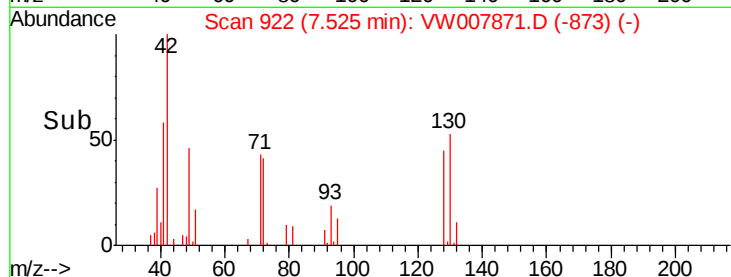
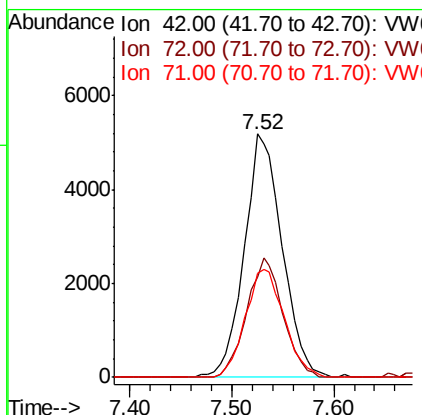
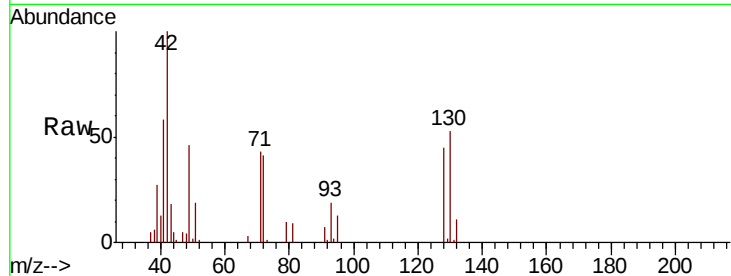
#29
Tetrahydrofuran
Concen: 132.902 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	46.9	41.7	62.5
71	45.4	39.0	58.6

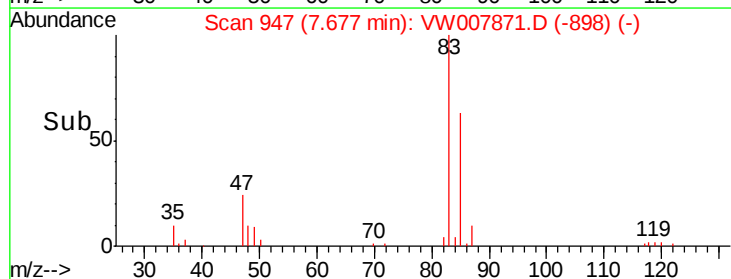
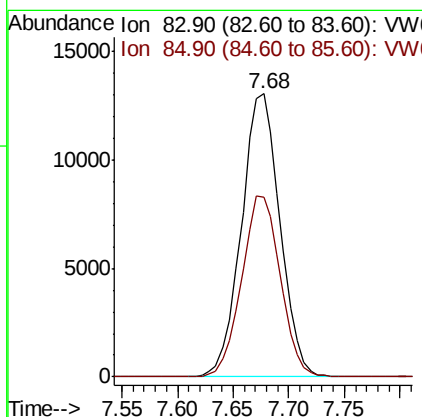
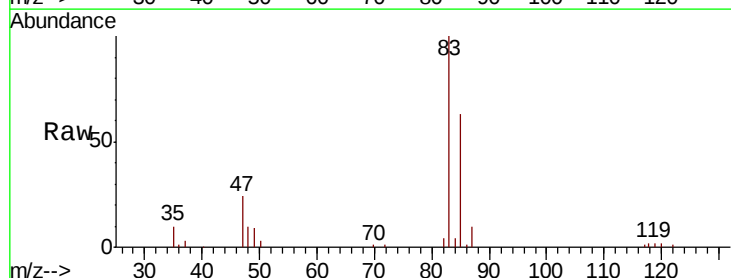
Manual Integrations
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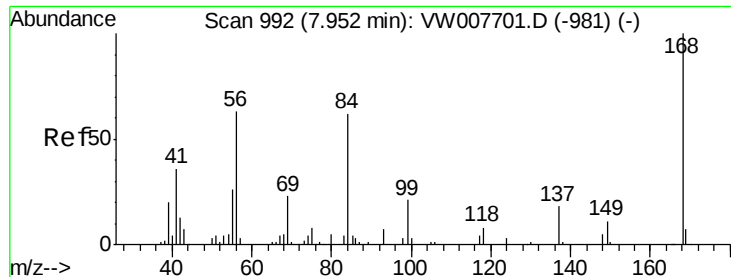
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#30
Chloroform
Concen: 22.170 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.2





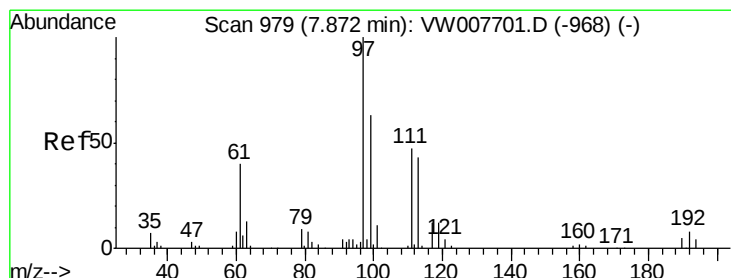
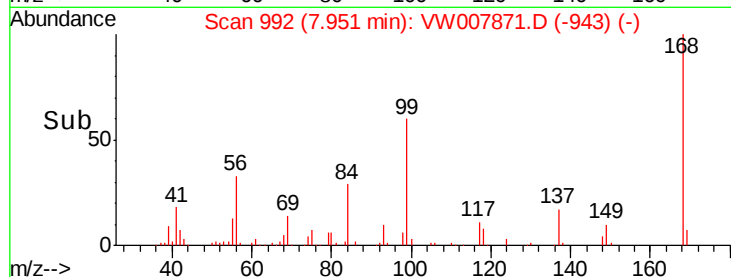
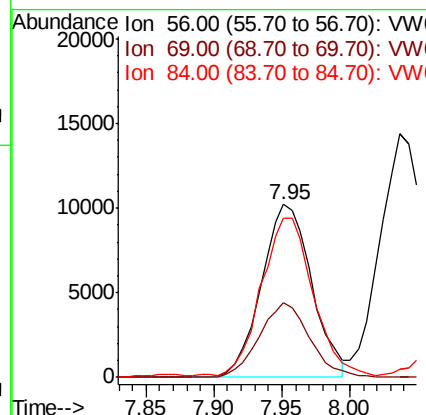
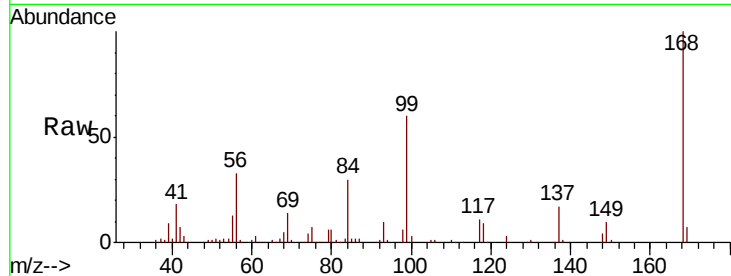
#31
Cyclohexane
Concen: 22.974 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
56	100		
69	43.4	29.7	44.5
84	90.9	78.9	118.3

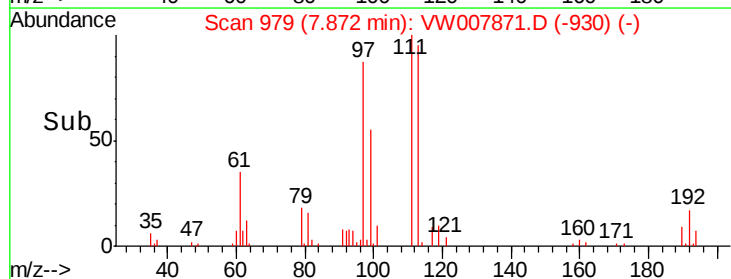
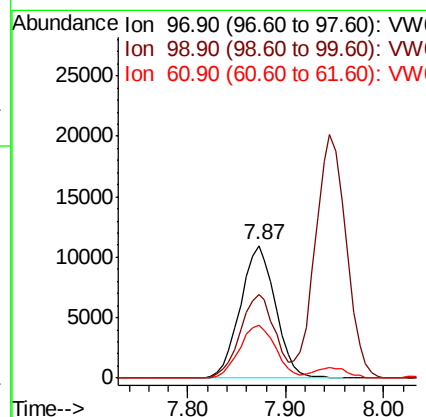
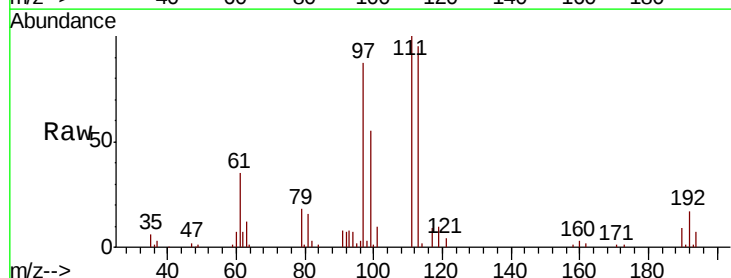
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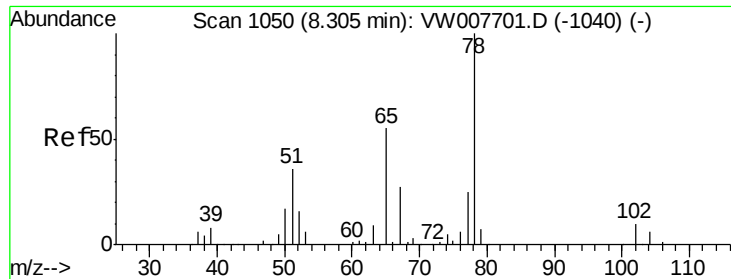
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#32
1,1,1-Trichloroethane
Concen: 21.135 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
97	100		
99	61.7	50.6	76.0
61	41.3	32.3	48.5





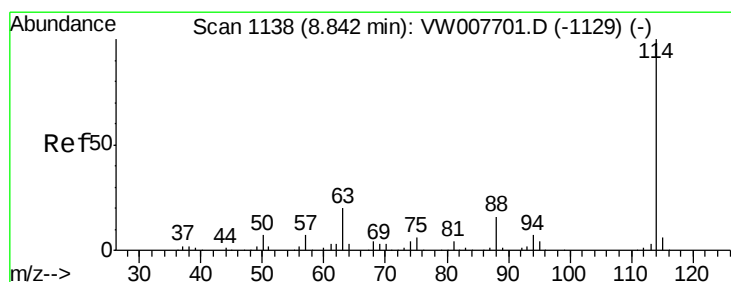
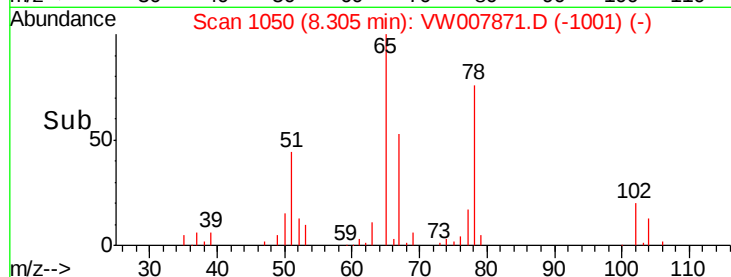
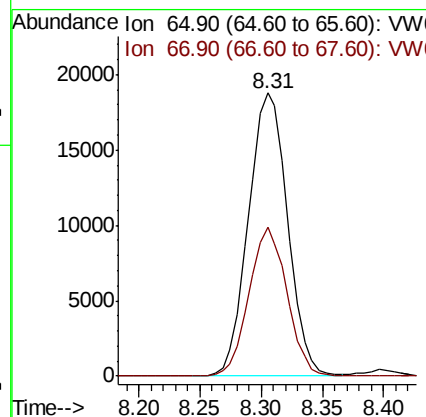
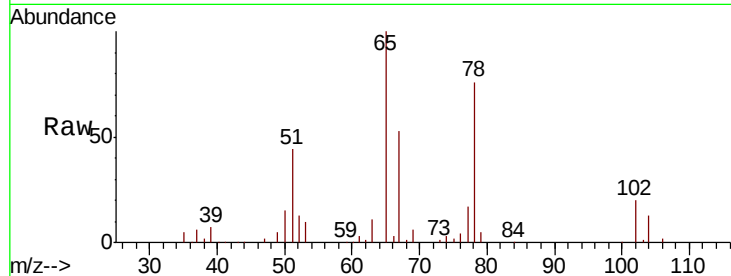
#33
 1,2-Dichloroethane-d4
 Concen: 54.465 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion: 65 Resp: 41883
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 100.6

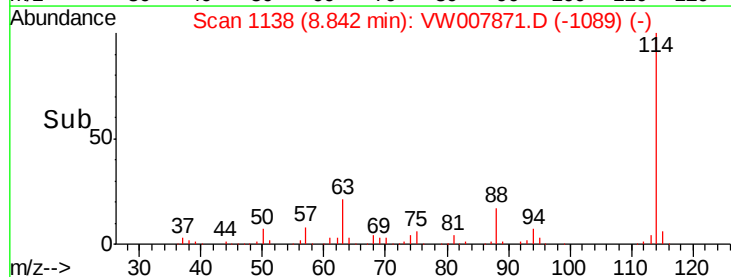
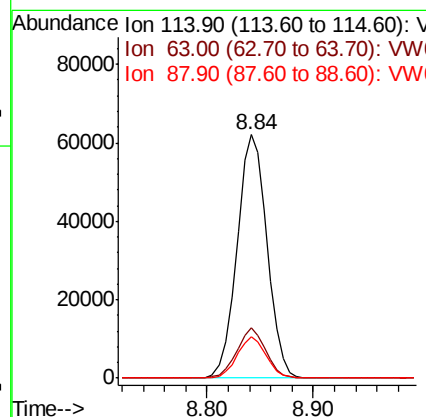
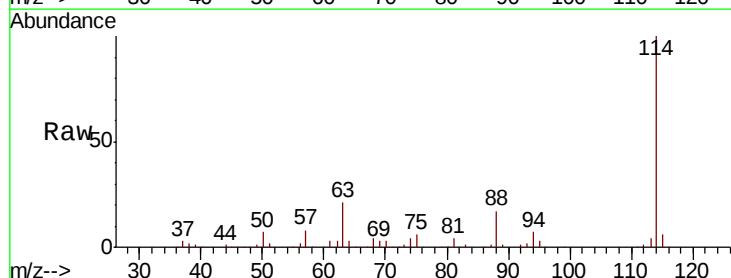
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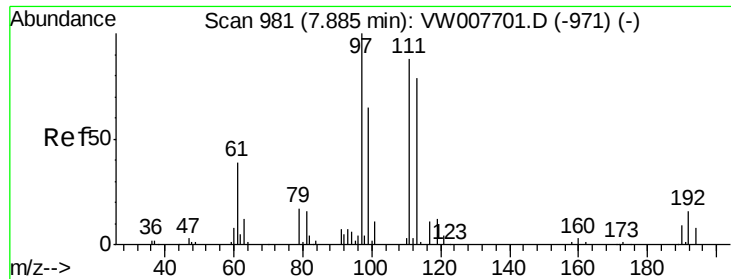
MMDadoda
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 114 Resp: 122225
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 40.0
 88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.884 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

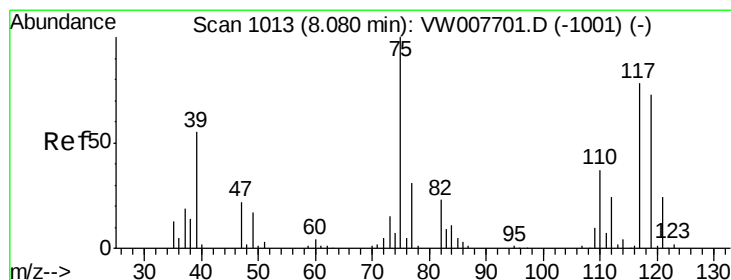
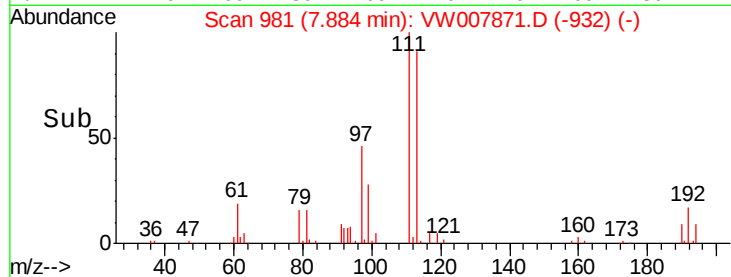
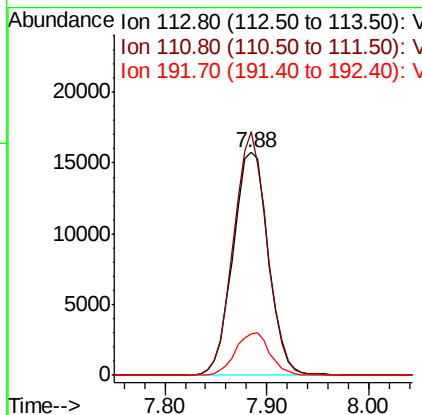
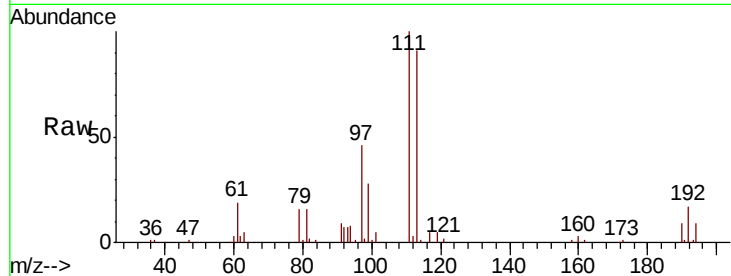
ClientSampleId :

VW1224SBS02

Tgt Ion:	113	Resp:	37941
Ion Ratio	Lower	Upper	
113	100		
111	103.2	82.6	124.0
192	18.5	15.5	23.3

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 20.782 ug/l

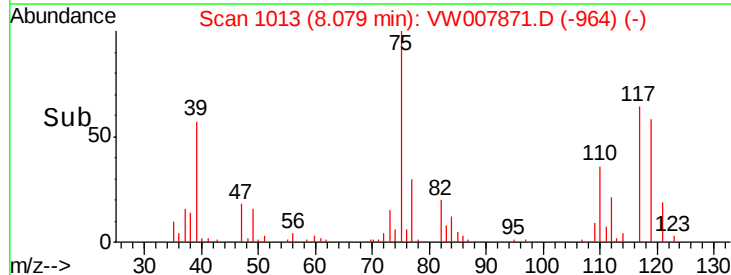
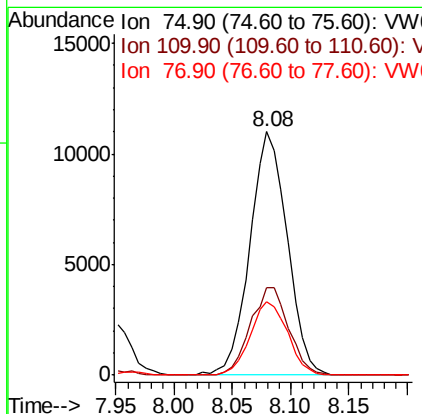
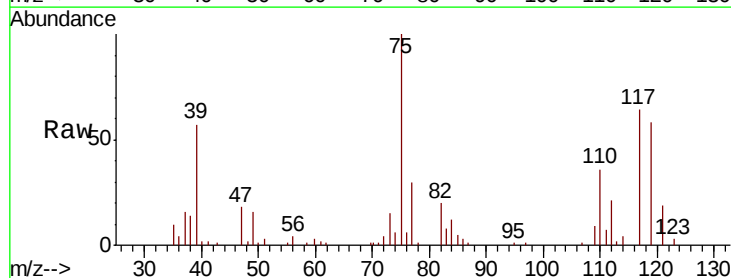
RT: 8.08 min Scan# 1013

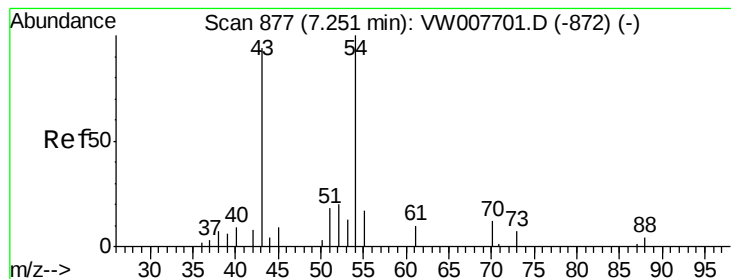
Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Tgt Ion:	75	Resp:	24516
Ion Ratio	Lower	Upper	
75	100		
110	36.6	18.6	55.8
77	30.2	25.0	37.4





#37

Ethyl Acetate

Concen: 23.572 ug/l

RT: 7.25 min Scan# 877

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

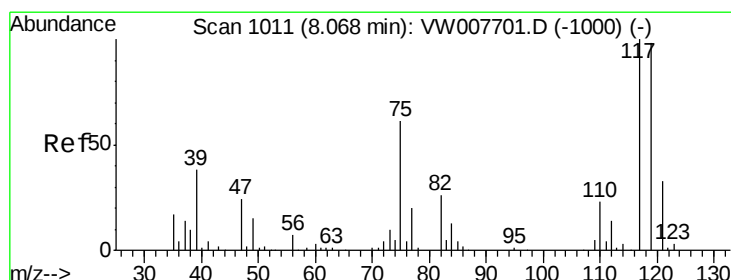
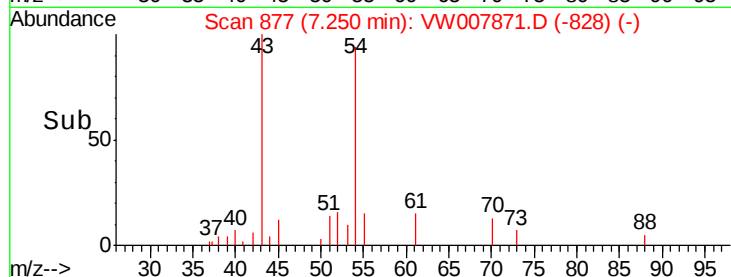
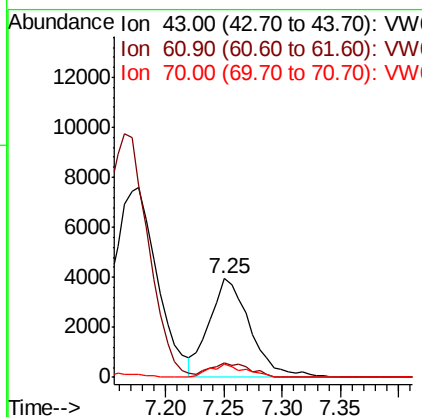
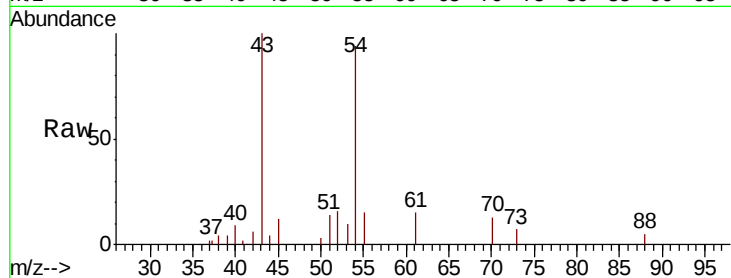
ClientSampleId :

VW1224SBS02

Tgt Ion:	43	Resp:	9597
Ion	Ratio	Lower	Upper
43	100		
61	14.3	11.2	16.8
70	11.5	9.3	13.9

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 17.654 ug/l

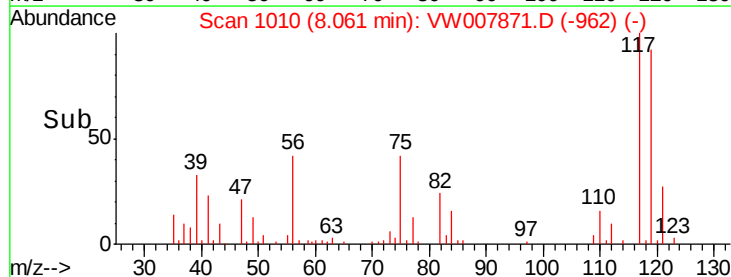
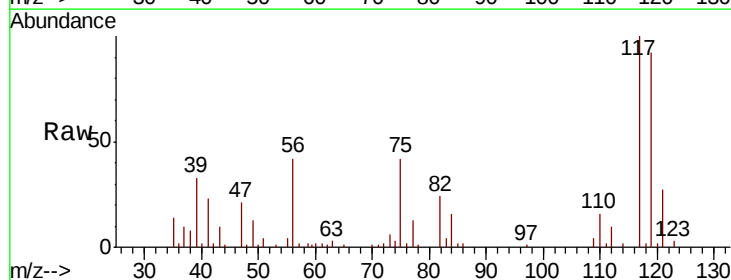
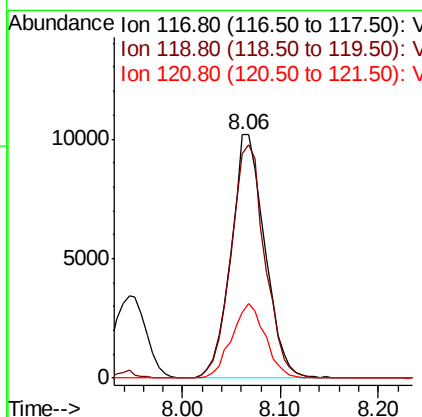
RT: 8.06 min Scan# 1010

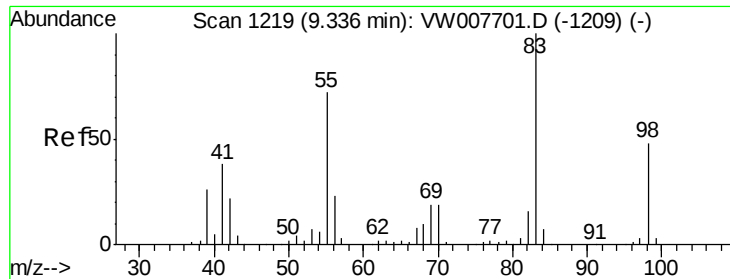
Delta R.T. -0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Tgt Ion:	117	Resp:	24527
Ion	Ratio	Lower	Upper
117	100		
119	92.3	78.2	117.2
121	26.9	26.1	39.1





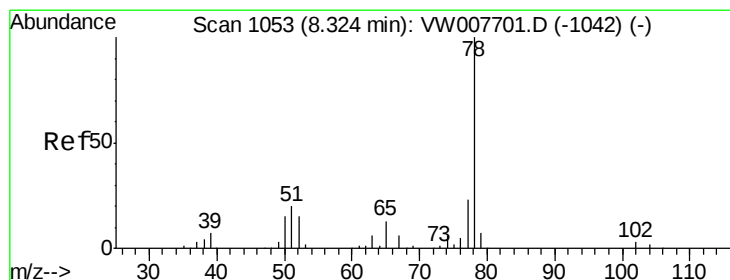
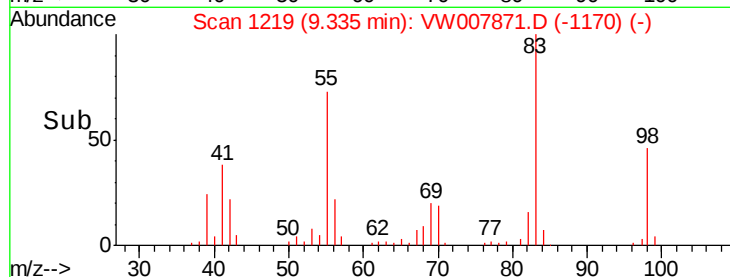
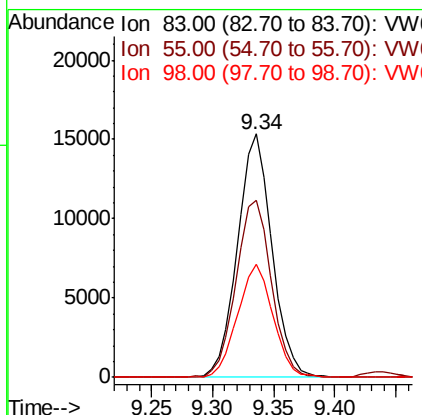
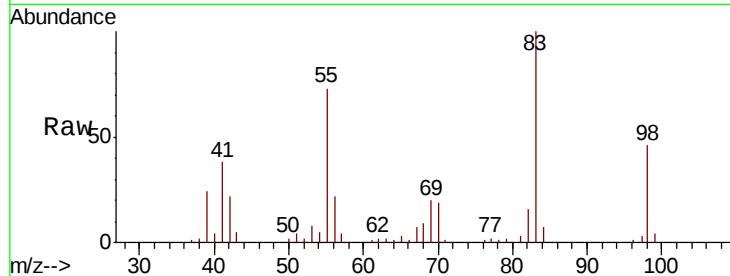
#39
Methylcyclohexane
Concen: 20.495 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	72.9	57.2	85.8
98	46.4	38.6	58.0

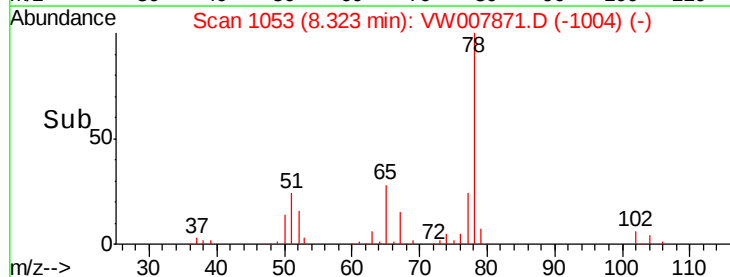
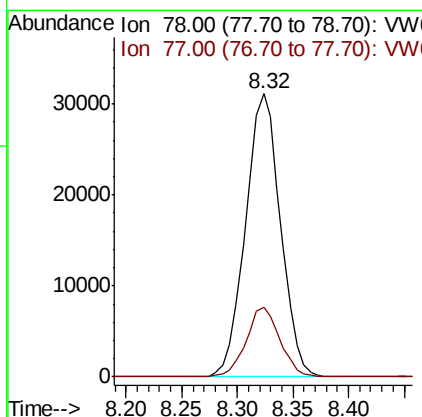
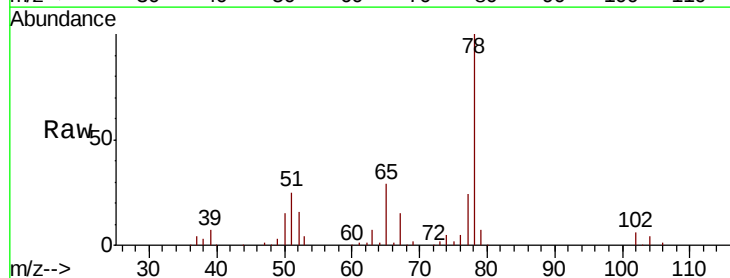
Manual Integrations
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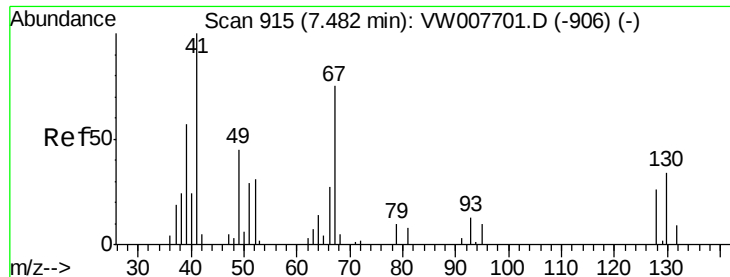
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#40
Benzene
Concen: 21.583 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.4	18.7	28.1





#41

Methacrylonitrile

Concen: 26.446 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

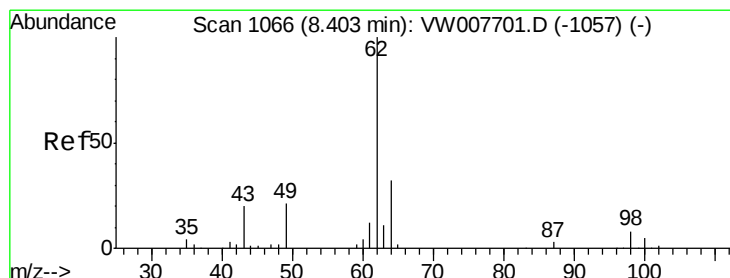
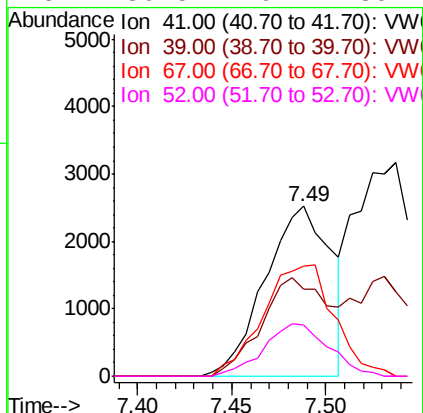
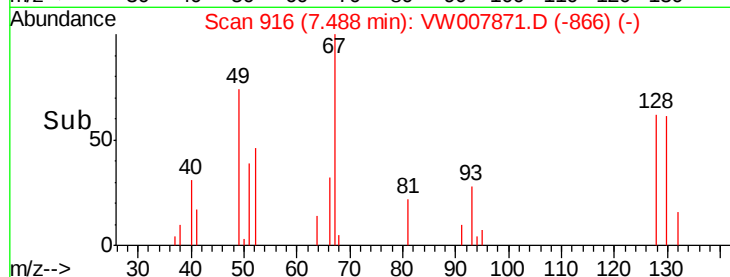
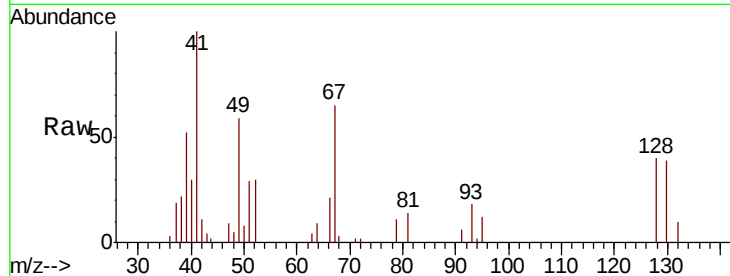
ClientSampleId :

VW1224SBS02

Tgt Ion:	41	Resp:	6113
Ion	Ratio	Lower	Upper
41	100		
39	59.4	54.2	81.4
67	70.3	65.7	98.5
52	30.5	26.2	39.4

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 20.293 ug/l

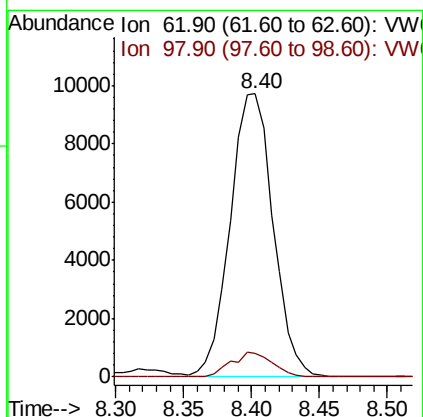
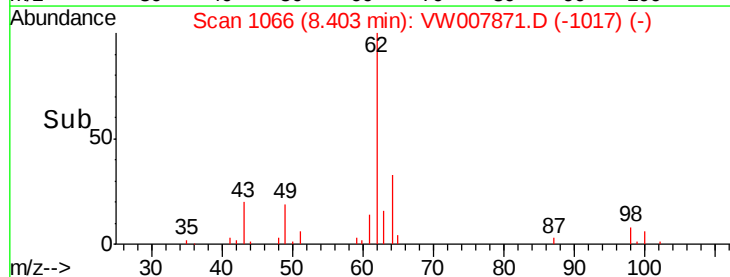
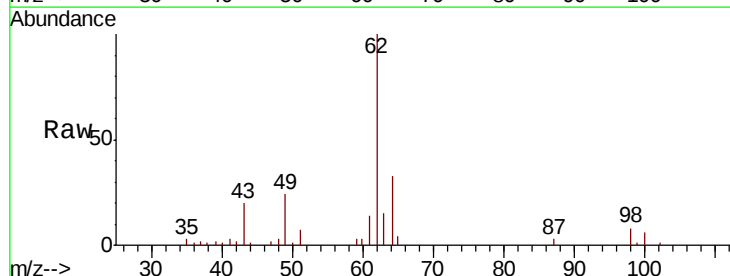
RT: 8.40 min Scan# 1066

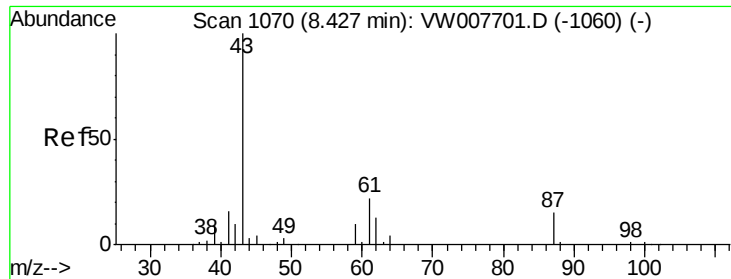
Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Tgt Ion:	62	Resp:	21408
Ion	Ratio	Lower	Upper
62	100		
98	8.2	0.0	16.6





#43

Isopropyl Acetate

Concen: 22.751 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

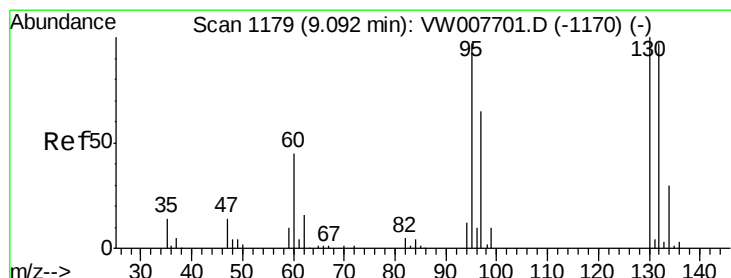
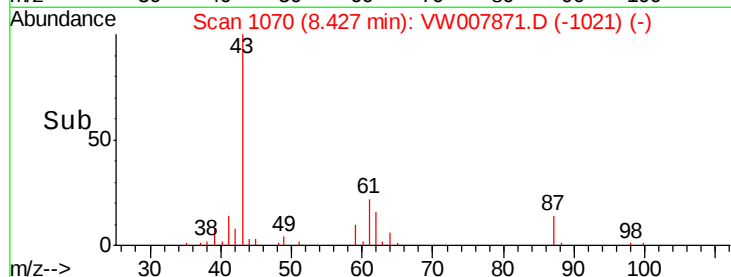
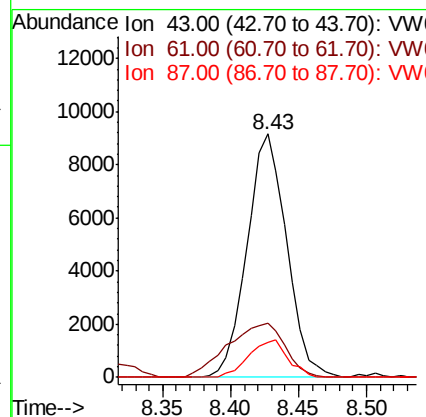
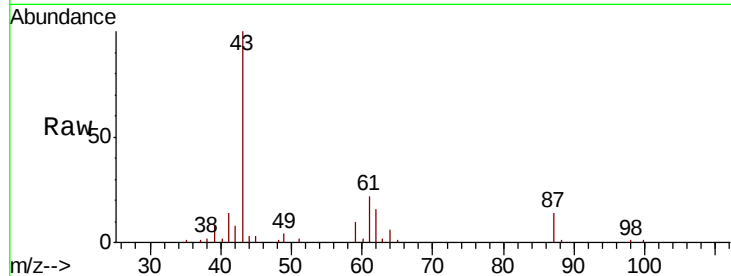
ClientSampleId :

VW1224SBS02

Tgt Ion:	43	Resp:	18557
Ion	Ratio	Lower	Upper
43	100		
61	31.9	26.3	39.5
87	14.8	12.0	18.0

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#44

Trichloroethene

Concen: 20.188 ug/l

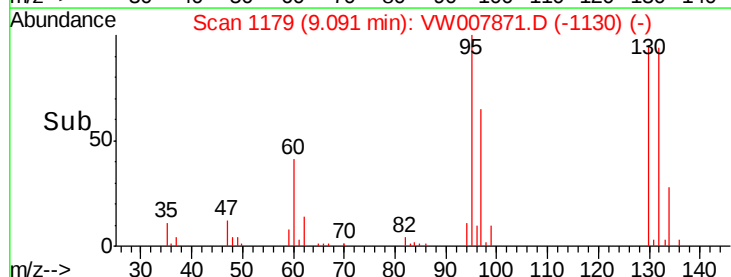
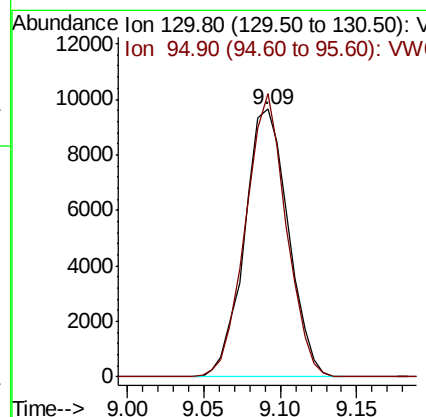
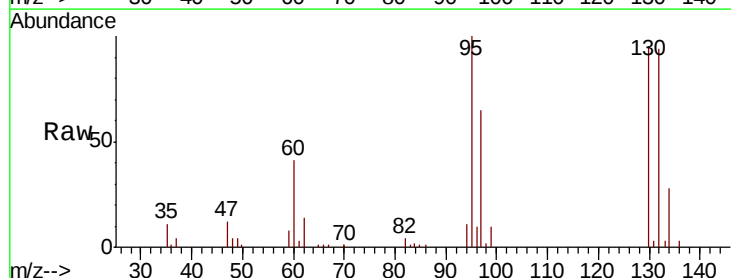
RT: 9.09 min Scan# 1179

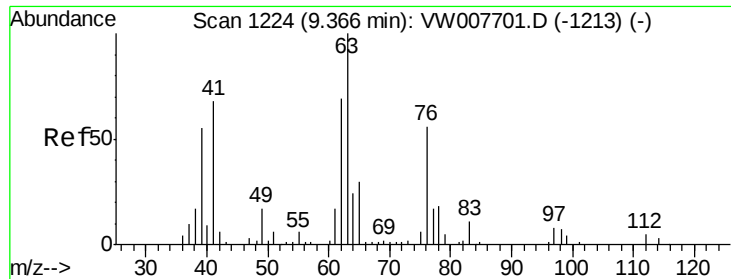
Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Tgt Ion:	130	Resp:	19219
Ion	Ratio	Lower	Upper
130	100		
95	105.8	0.0	194.8





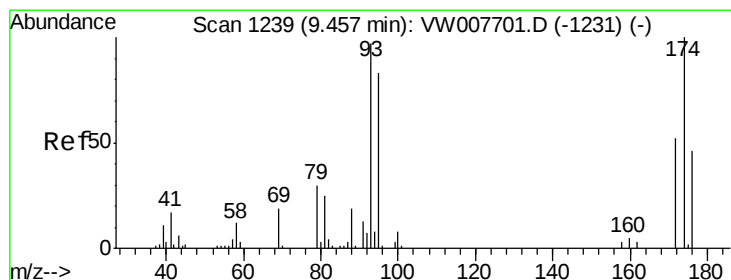
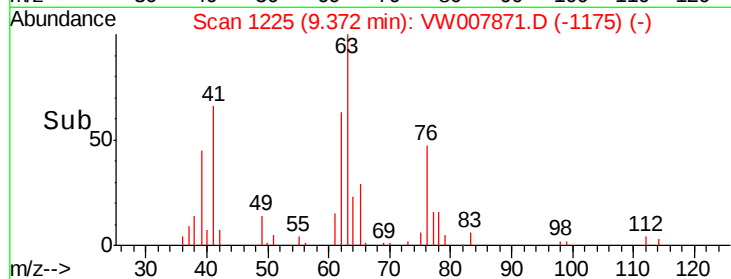
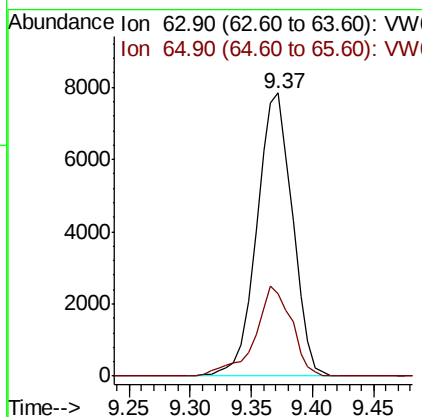
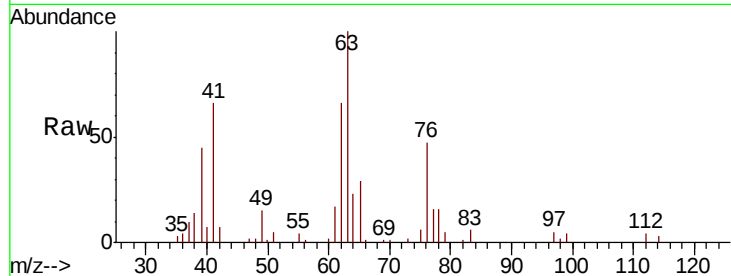
#45
 1,2-Dichloropropane
 Concen: 22.759 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion: 63 Resp: 15897
 Ion Ratio Lower Upper
 63 100
 65 29.3 23.8 35.8

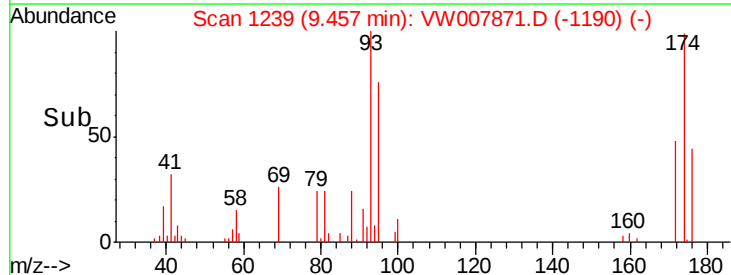
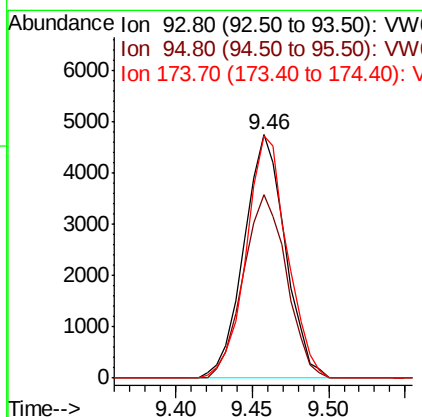
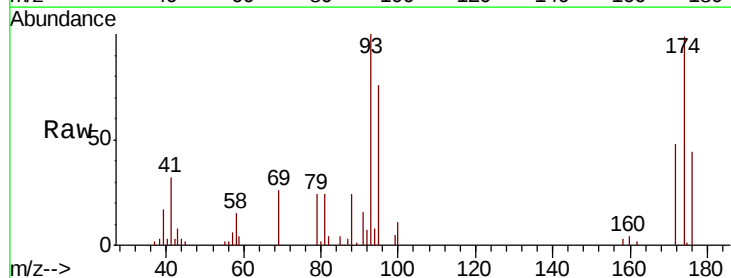
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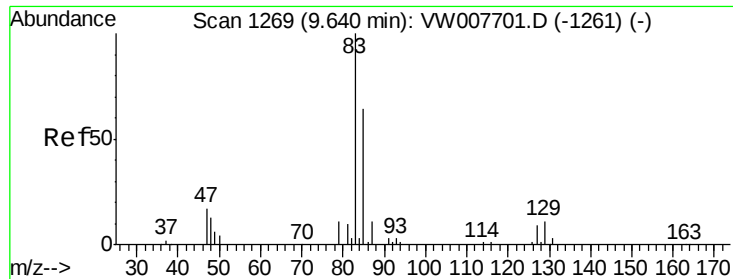
MMDadoda
 12/24/2018 3:15:31 PM



#46
 Dibromomethane
 Concen: 20.715 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 93 Resp: 8907
 Ion Ratio Lower Upper
 93 100
 95 78.7 67.5 101.3
 174 98.4 83.9 125.9





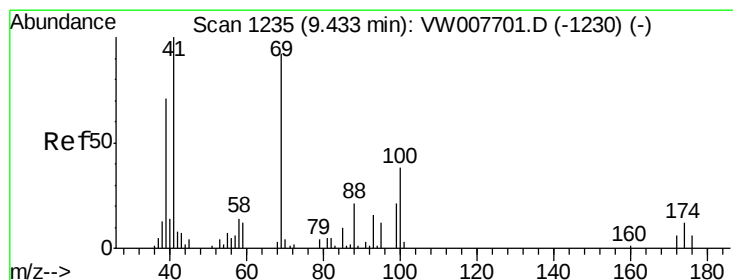
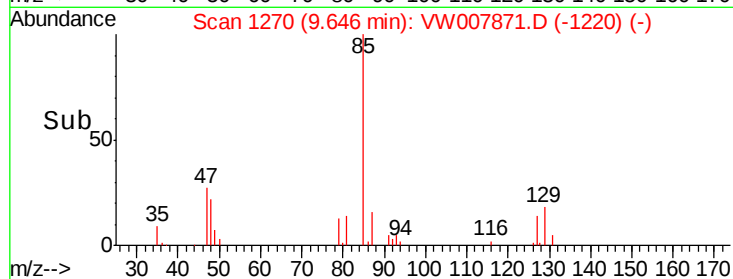
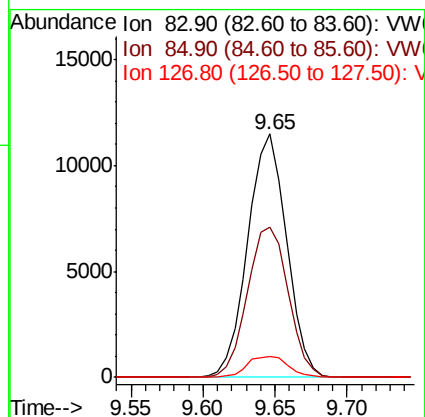
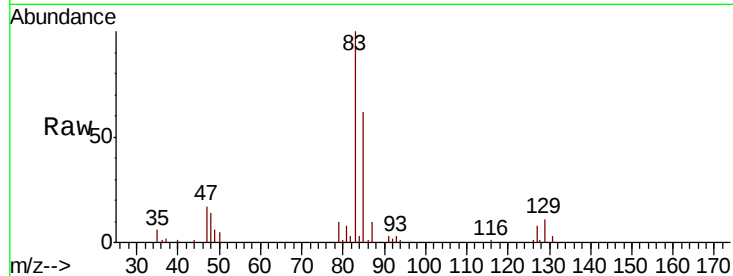
#47
Bromodichloromethane
Concen: 18.999 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	21476		
85	61.9		51.4	77.0
127	8.4		7.5	11.3

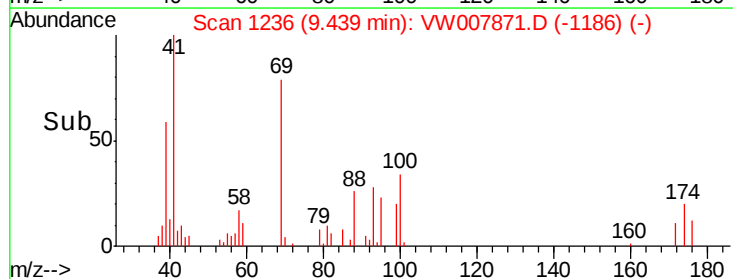
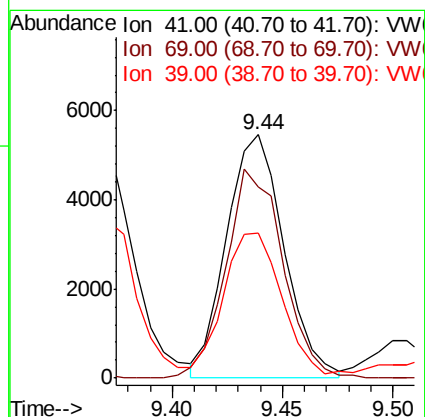
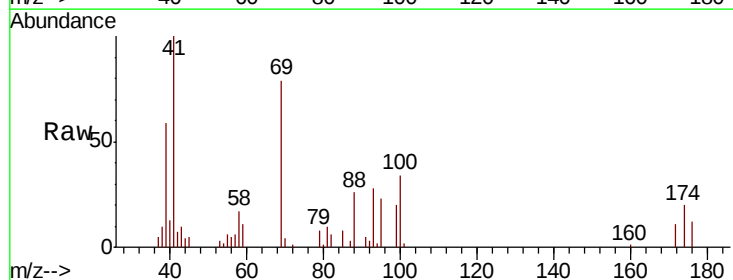
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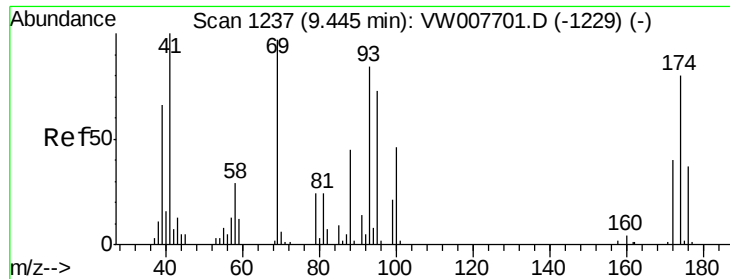
MMDadoda
12/24/2018 3:15:31 PM



#48
Methyl methacrylate
Concen: 24.353 ug/l m
RT: 9.44 min Scan# 1236
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	9915		
69	85.6		74.2	111.2
39	56.8		53.9	80.9





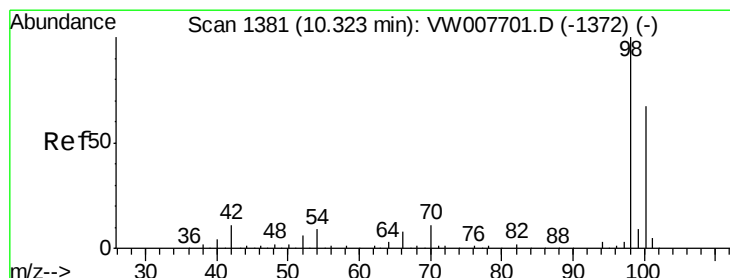
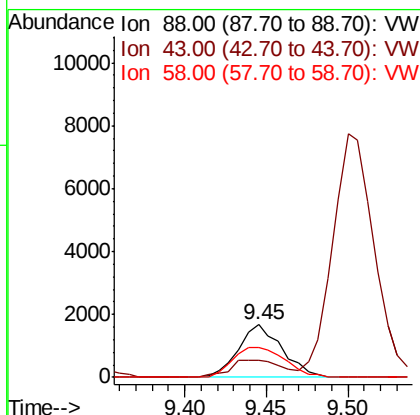
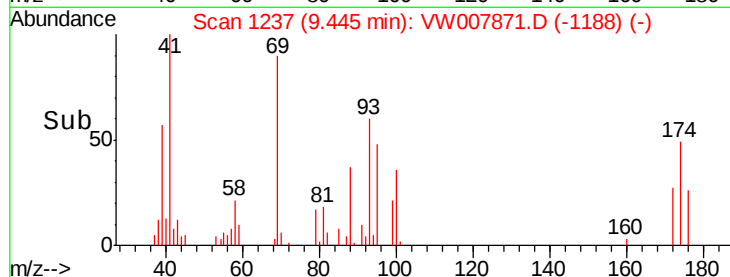
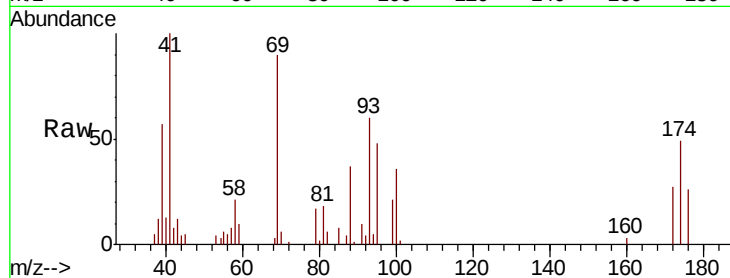
#49
1,4-Dioxane
Concen: 456.054 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 88 Resp: 3109
Ion Ratio Lower Upper
88 100
43 40.5 25.6 38.4#
58 67.5 52.3 78.5

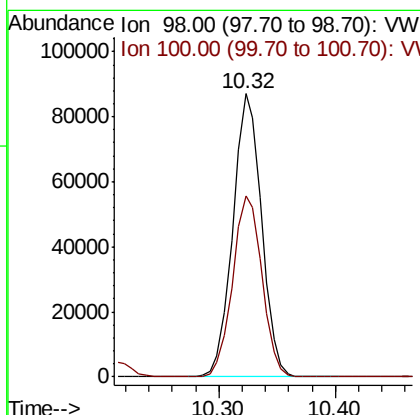
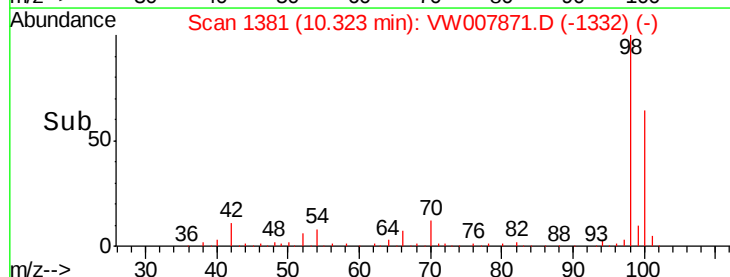
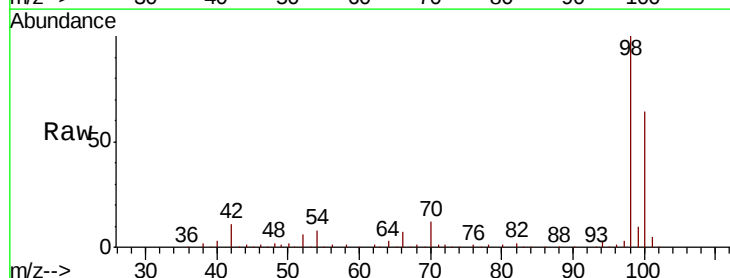
Manual Integrations
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#50
Toluene-d8
Concen: 53.158 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 98 Resp: 149423
Ion Ratio Lower Upper
98 100
100 65.5 52.2 78.2





#51

4-Methyl-2-Pentanone

Concen: 117.635 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

Tgt Ion: 43 Resp: 45346

Ion Ratio Lower Upper

43 100

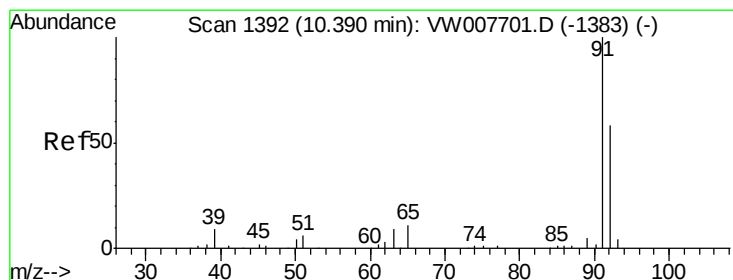
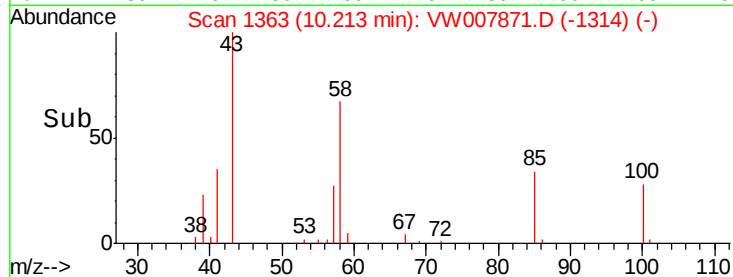
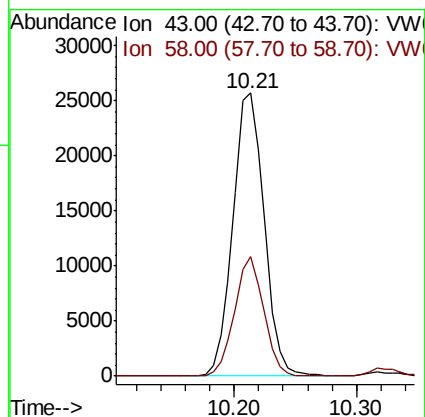
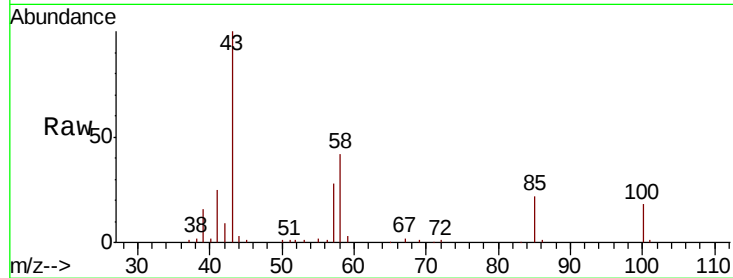
58 39.6 33.2 49.8

Manual Integrations

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#52

Toluene

Concen: 21.784 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007871.D

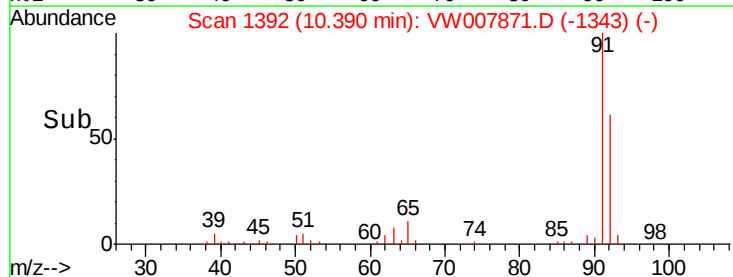
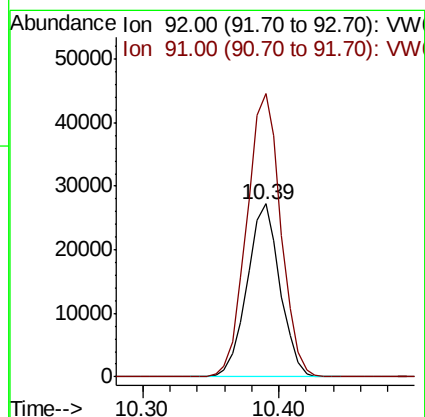
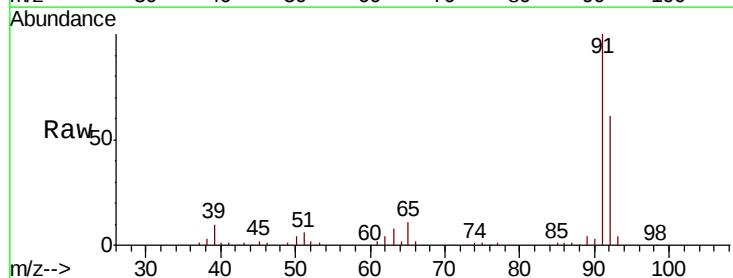
Acq: 23 Dec 2018 05:16

Tgt Ion: 92 Resp: 46009

Ion Ratio Lower Upper

92 100

91 169.9 137.0 205.4





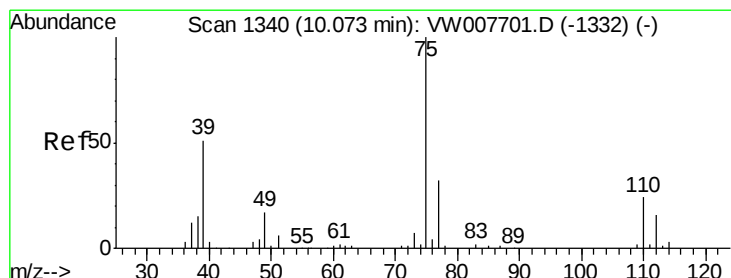
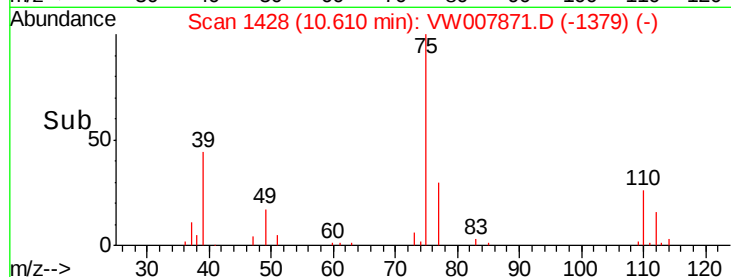
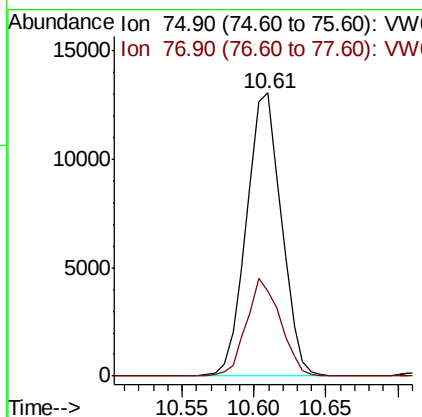
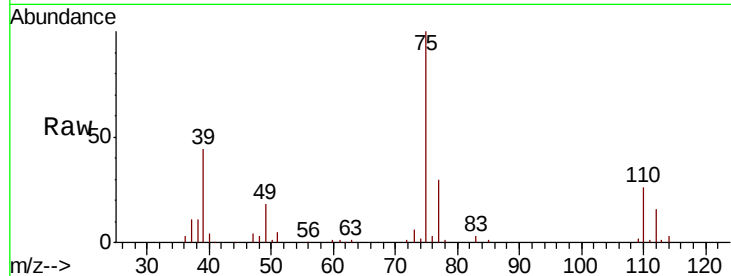
#53
t-1,3-Dichloropropene
Concen: 19.514 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 75 Resp: 21941
Ion Ratio Lower Upper
75 100
77 30.2 25.2 37.8

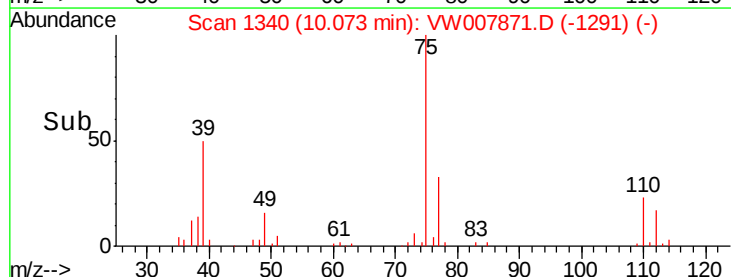
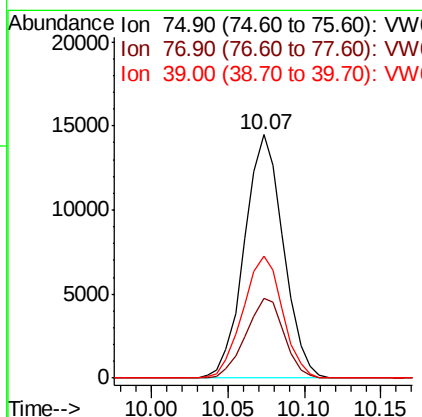
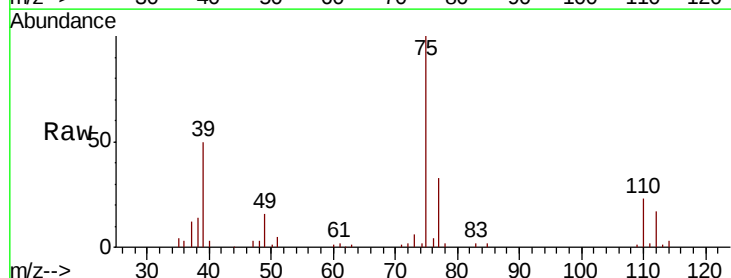
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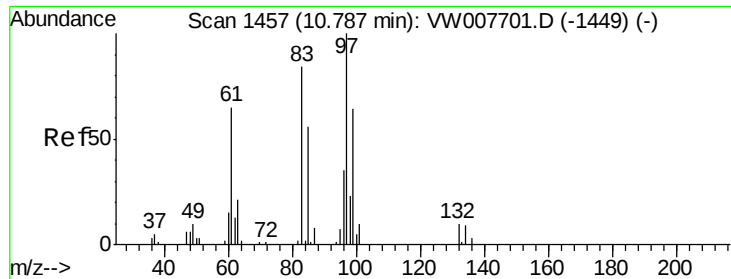
MMDadoda
12/24/2018 3:15:31 PM



#54
cis-1,3-Dichloropropene
Concen: 20.599 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 75 Resp: 25583
Ion Ratio Lower Upper
75 100
77 32.9 25.5 38.3
39 50.1 41.2 61.8





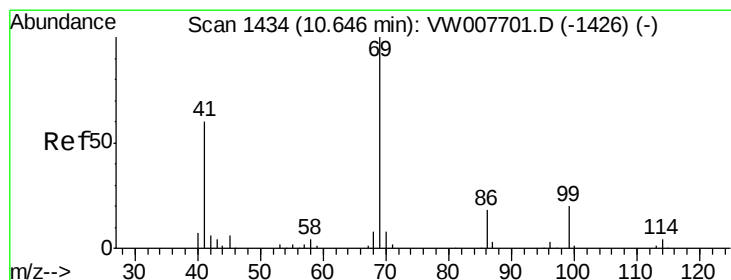
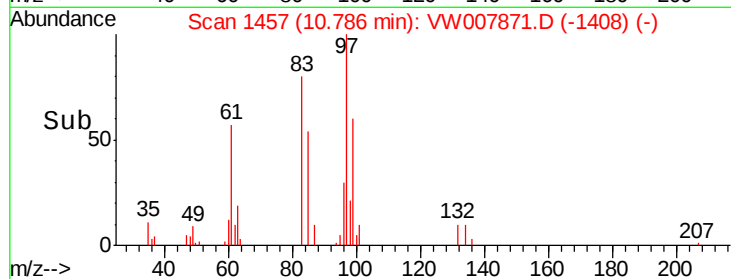
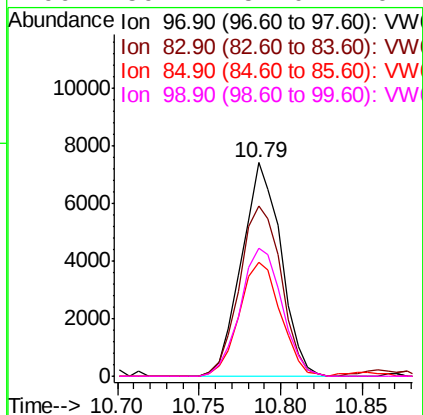
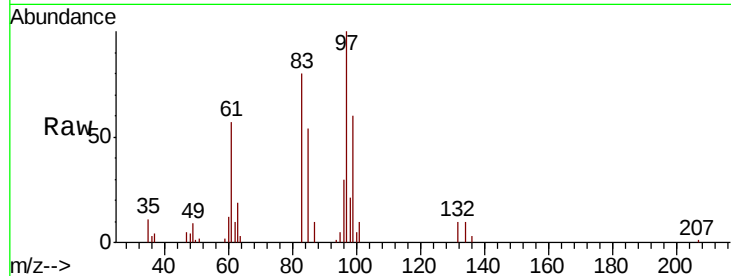
#55
 1,1,2-Trichloroethane
 Concen: 21.084 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion:	97	Resp:	12498
Ion	Ratio	Lower	Upper
97	100		
83	79.7	67.5	101.3
85	53.5	44.8	67.2
99	59.7	51.0	76.4

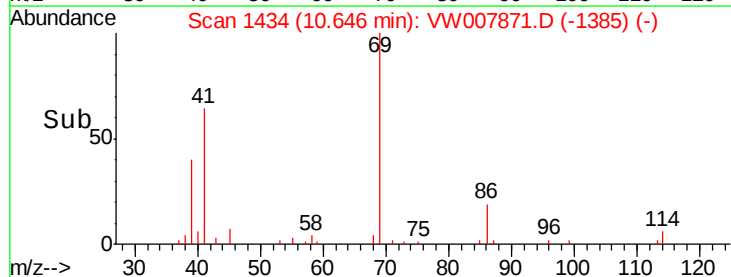
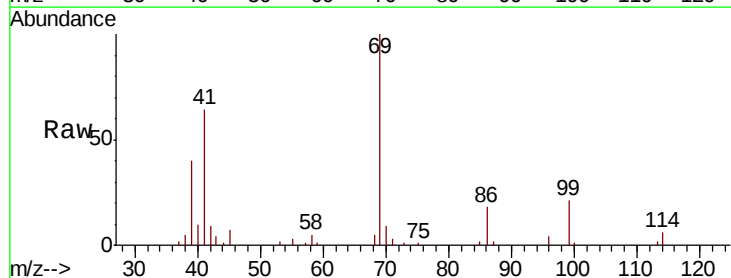
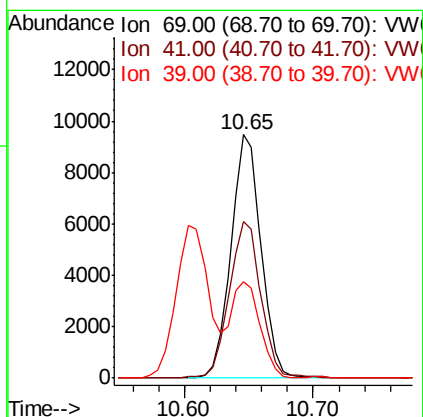
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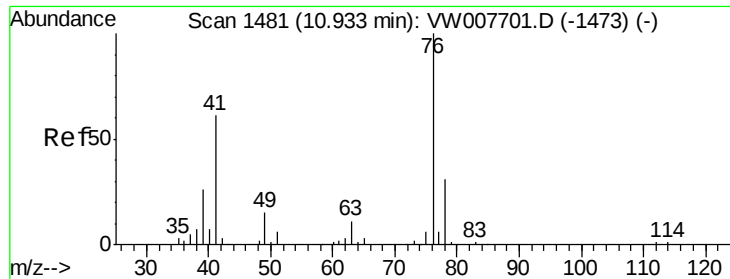
MMDadoda
 12/24/2018 3:15:31 PM



#56
 Ethyl methacrylate
 Concen: 21.934 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion:	69	Resp:	15362
Ion	Ratio	Lower	Upper
69	100		
41	67.6	48.9	73.3
39	38.8	31.3	46.9





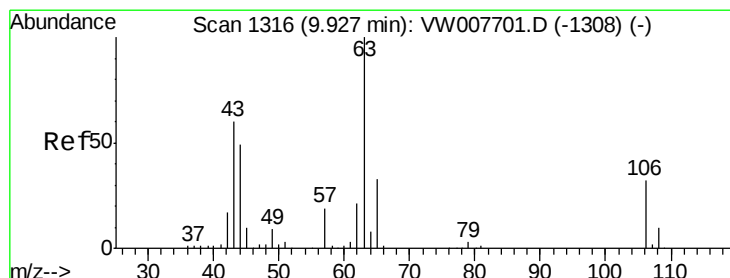
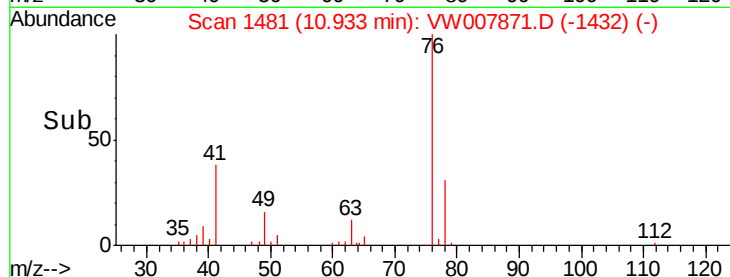
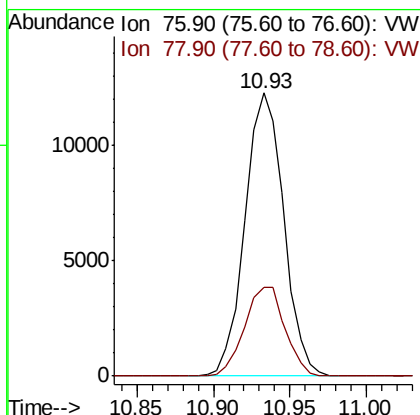
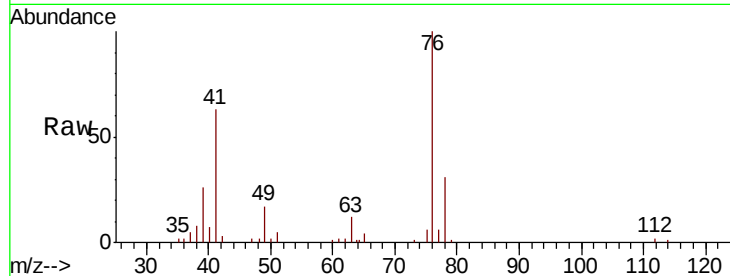
#57
 1,3-Dichloropropane
 Concen: 21.958 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion: 76 Resp: 21614
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.2 39.2

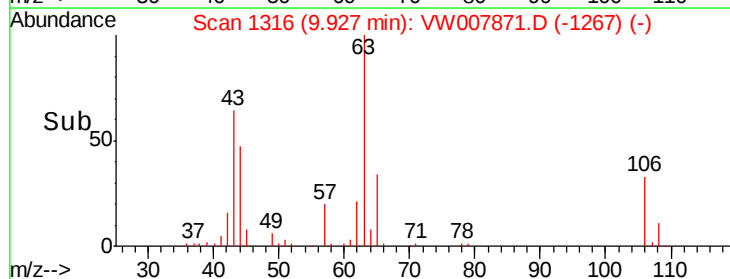
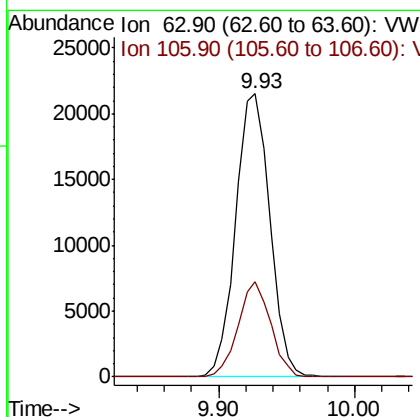
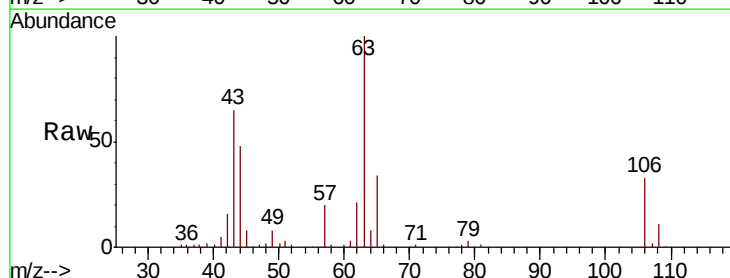
Manual Integrations
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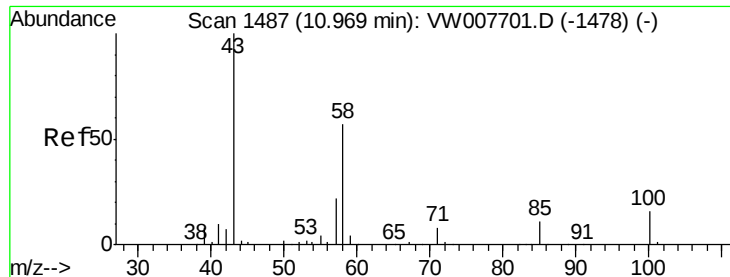
MMDadoda
 12/24/2018 3:15:31 PM



#58
 2-Chloroethyl Vinyl ether
 Concen: 118.221 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 63 Resp: 37803
 Ion Ratio Lower Upper
 63 100
 106 31.8 25.9 38.9





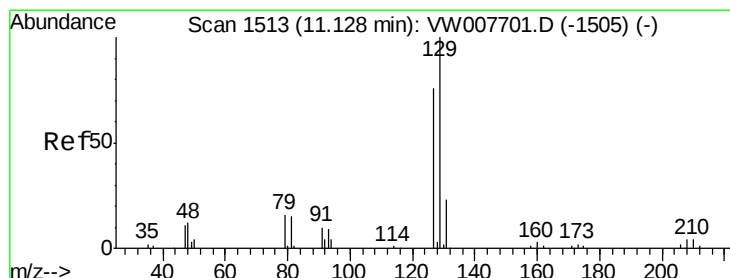
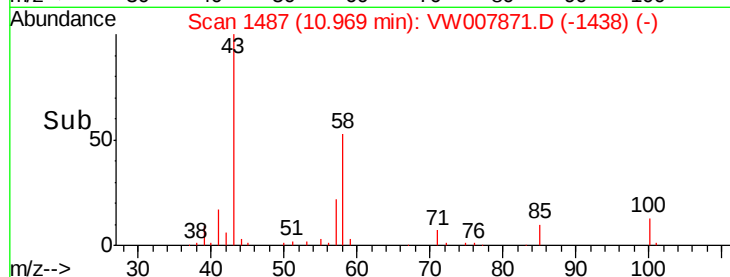
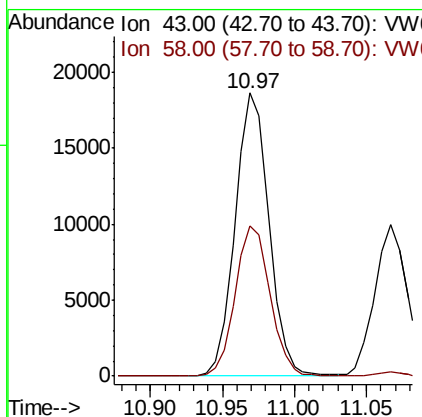
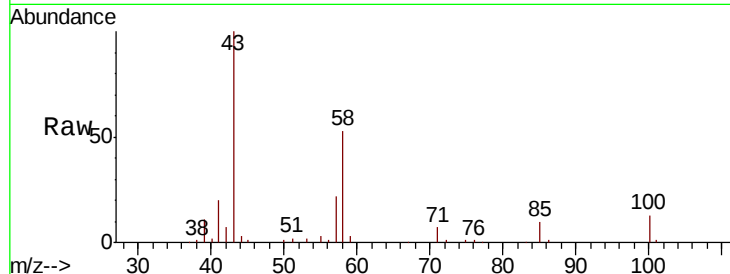
#59
2-Hexanone
Concen: 112.259 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 43 Resp: 30433
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1

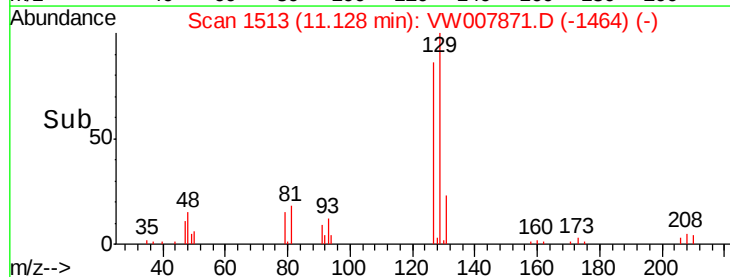
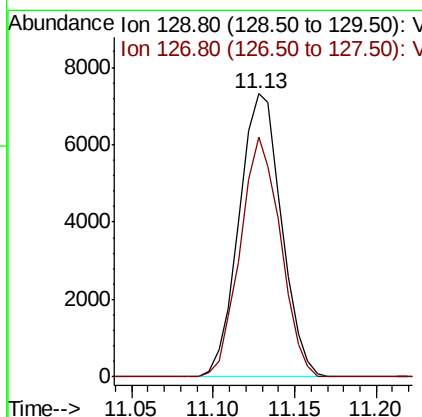
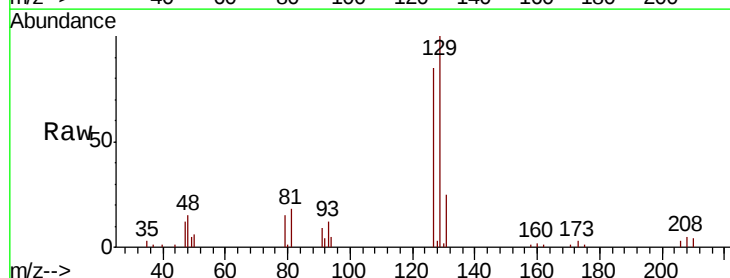
Manual Integrations
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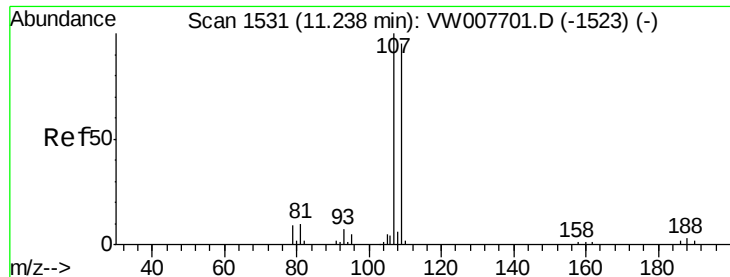
MMDadoda
12/24/2018 3:15:31 PM



#60
Dibromochloromethane
Concen: 16.924 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 129 Resp: 13283
Ion Ratio Lower Upper
129 100
127 80.3 38.3 114.9





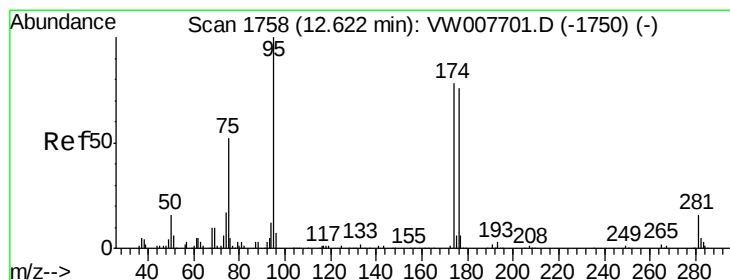
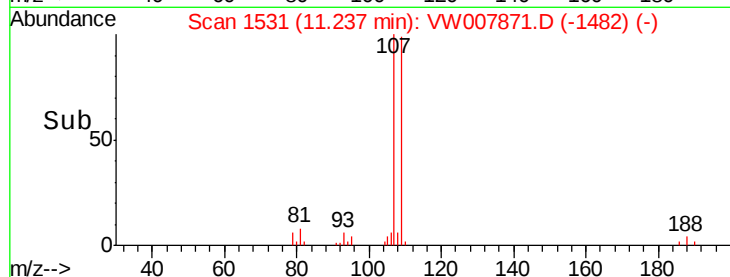
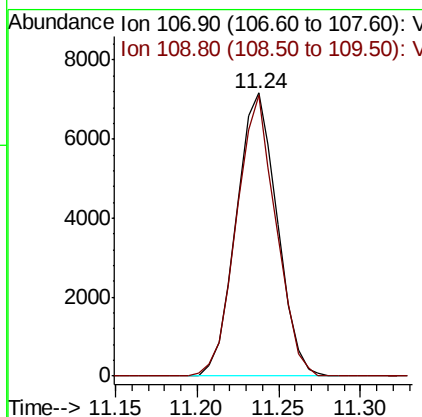
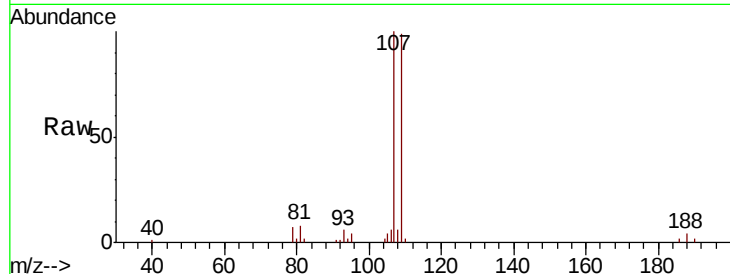
#61
 1,2-Dibromoethane
 Concen: 20.740 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion: 107 Resp: 12450
 Ion Ratio Lower Upper
 107 100
 109 96.1 75.4 113.0

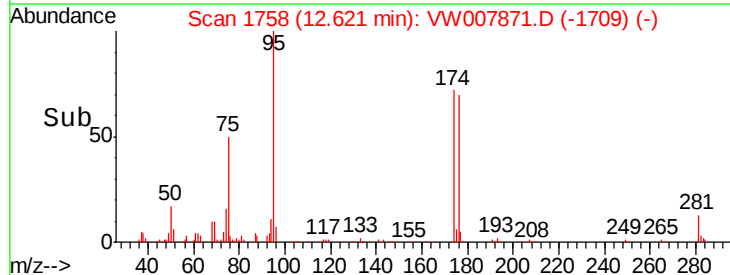
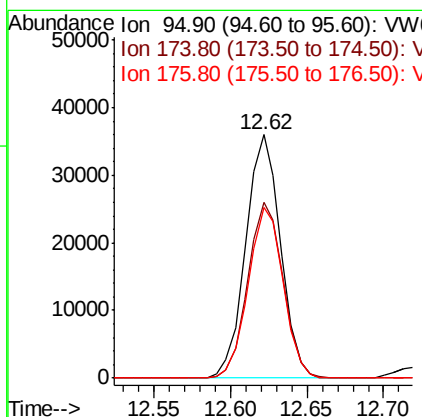
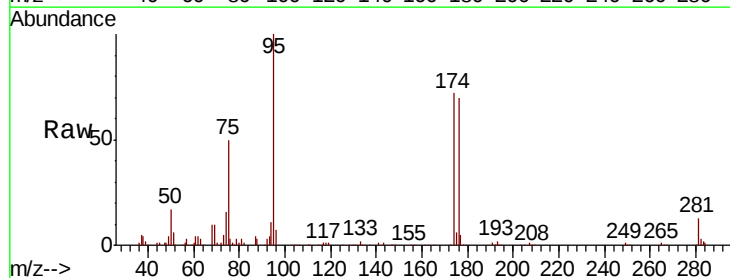
Manual Integrations
 APPROVED

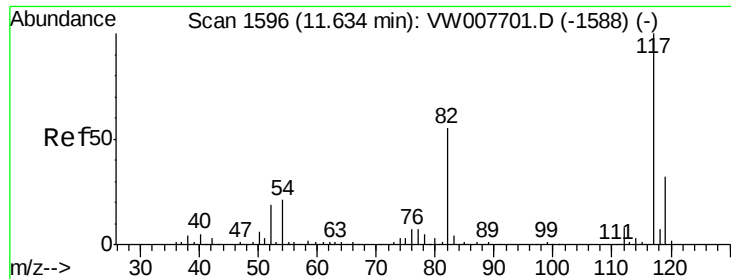
MMDadoda
 12/24/2018 3:15:31 PM



#62
 4-Bromofluorobenzene
 Concen: 52.284 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion: 95 Resp: 56777
 Ion Ratio Lower Upper
 95 100
 174 73.2 0.0 152.2
 176 70.9 0.0 146.8





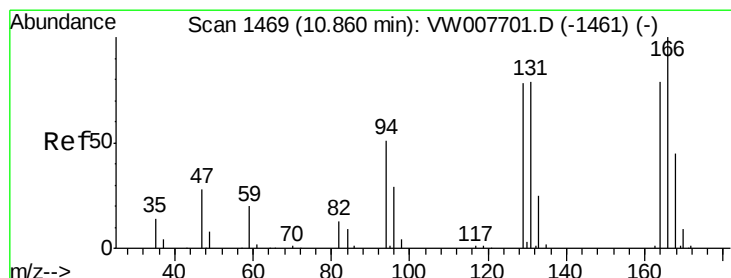
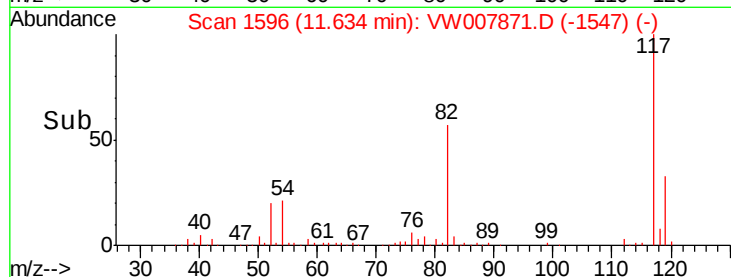
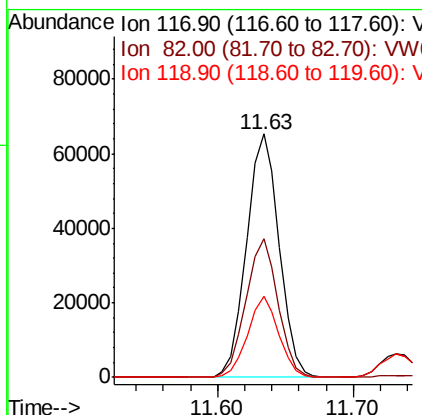
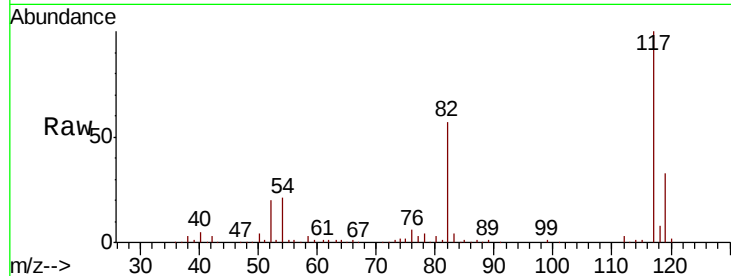
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.7	44.3	66.5
119	33.0	25.7	38.5

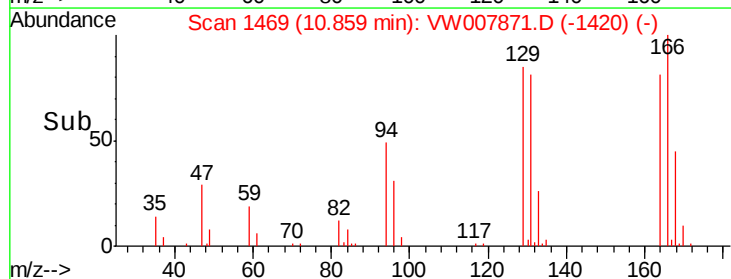
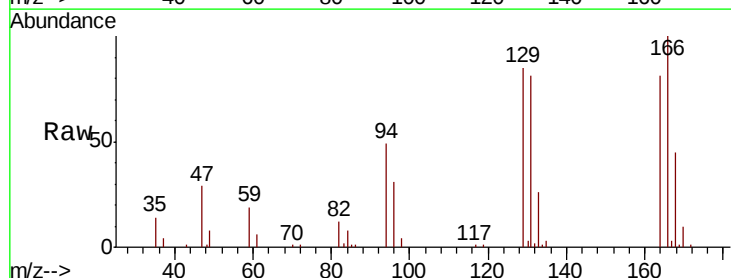
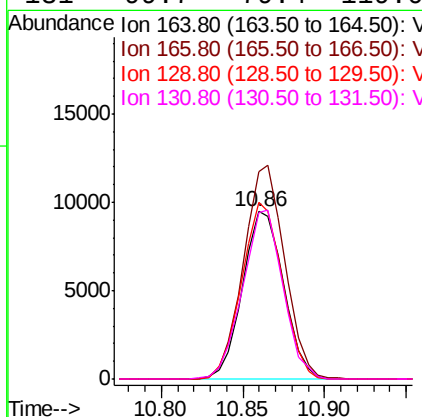
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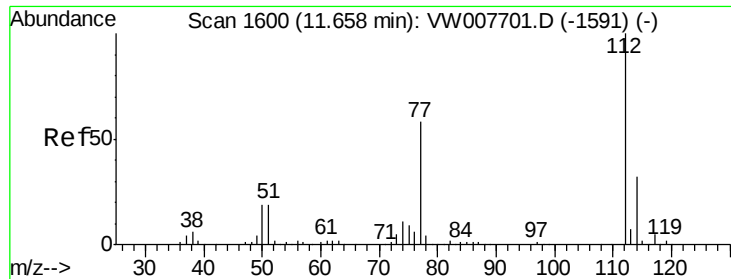
MMDadoda
12/24/2018 3:15:31 PM



#64
Tetrachloroethene
Concen: 21.447 ug/l
RT: 10.86 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
164	100		
166	123.8	101.0	151.6
129	105.8	78.7	118.1
131	99.7	79.4	119.0





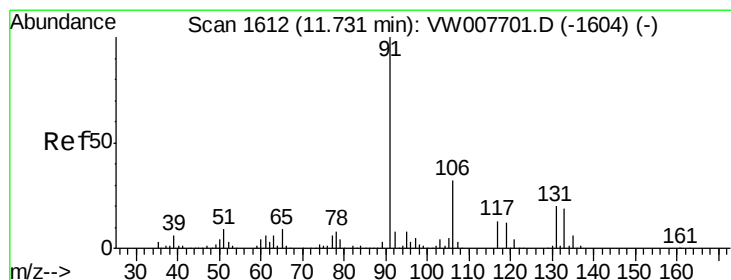
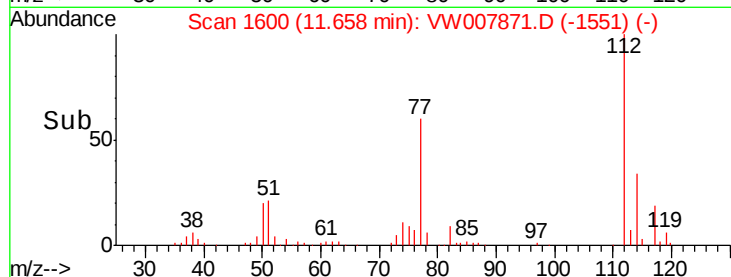
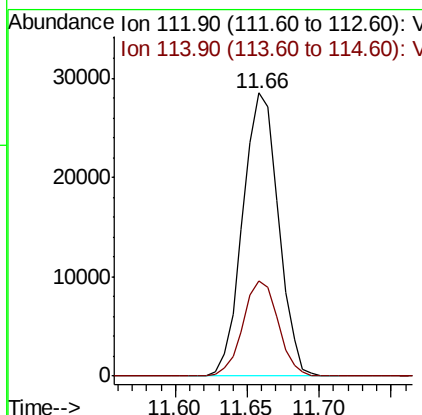
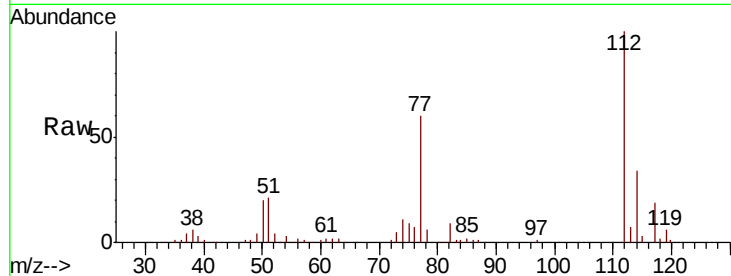
#65
Chlorobenzene
Concen: 20.645 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion:112 Resp: 48866
Ion Ratio Lower Upper
112 100
114 33.8 25.2 37.8

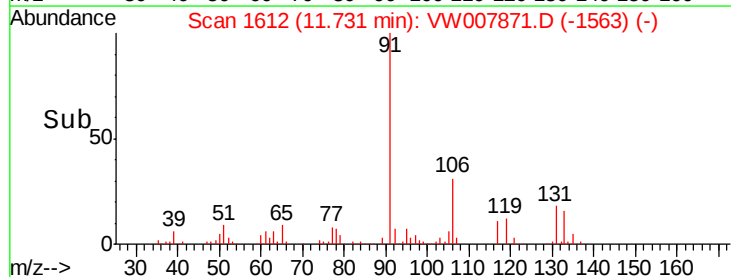
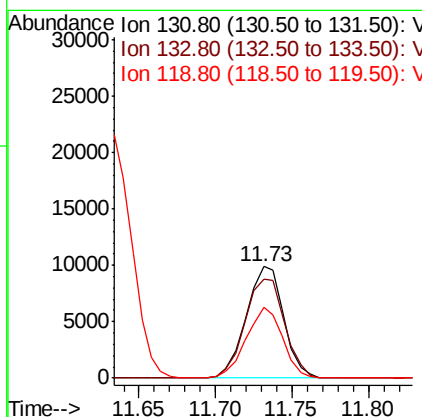
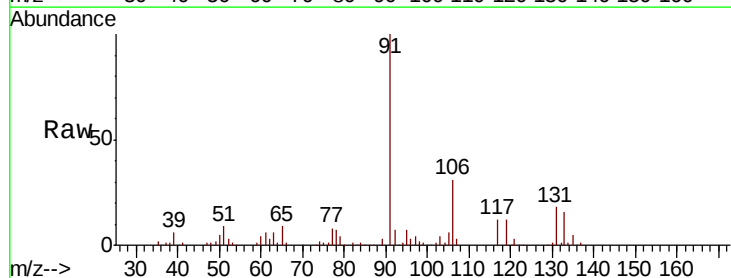
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.024 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion:131 Resp: 16935
Ion Ratio Lower Upper
131 100
133 93.8 47.5 142.5
119 61.8 30.2 90.6





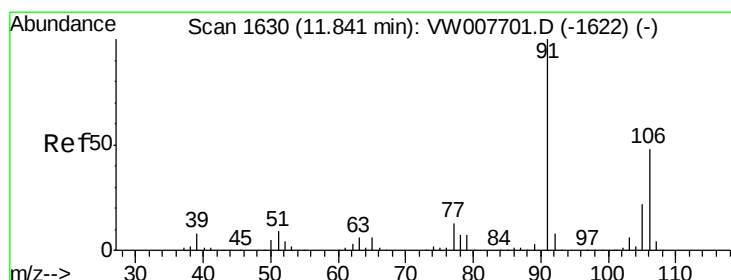
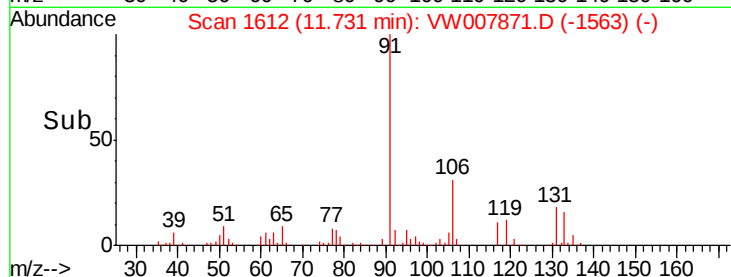
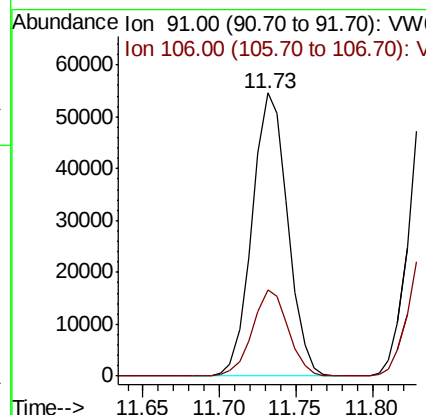
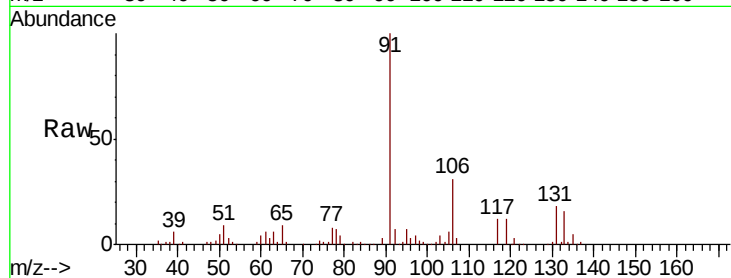
#67
Ethyl Benzene
Concen: 21.704 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion: 91 Resp: 88156
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.8

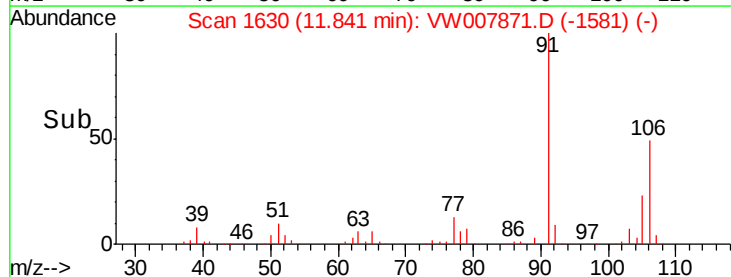
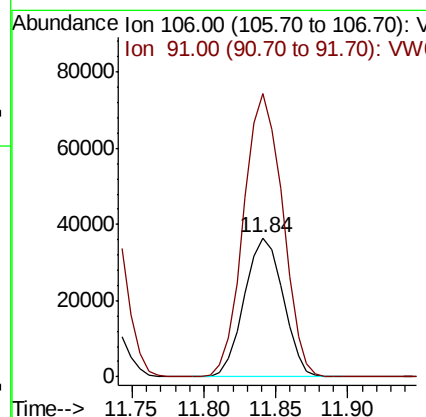
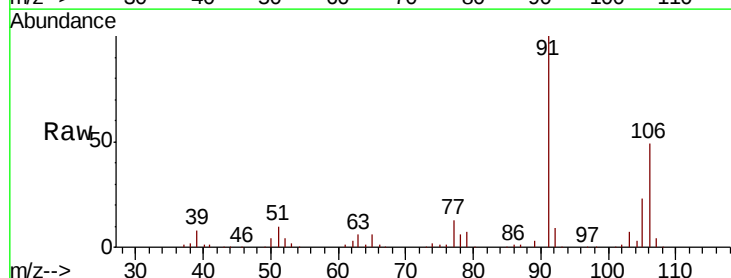
Manual Integrations
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#68
m/p-Xylenes
Concen: 43.398 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 106 Resp: 68378
Ion Ratio Lower Upper
106 100
91 204.9 165.2 247.8





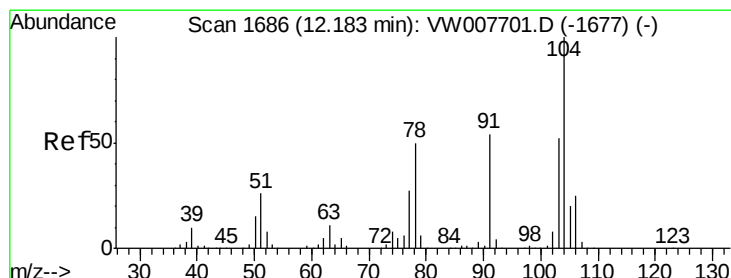
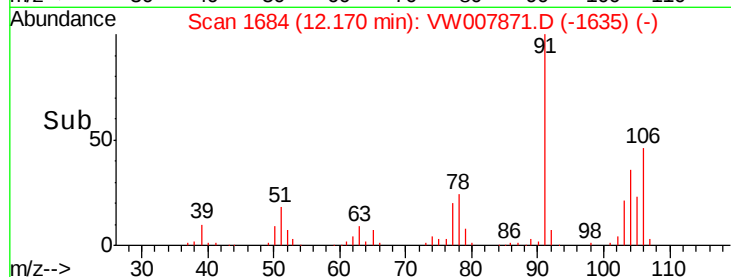
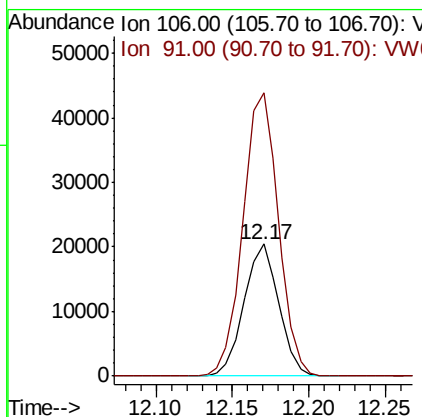
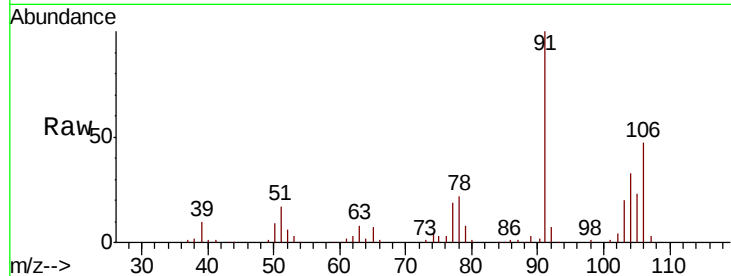
#69
o-Xylene
Concen: 21.858 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion:106 Resp: 32283
Ion Ratio Lower Upper
106 100
91 218.9 110.5 331.4

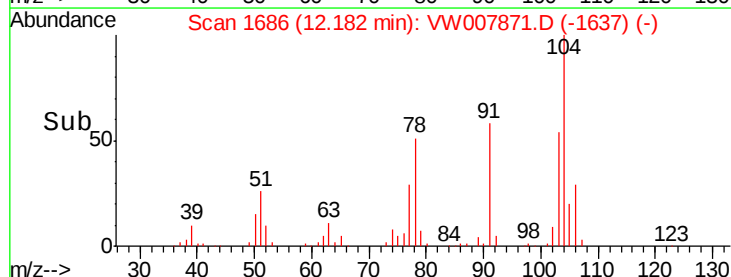
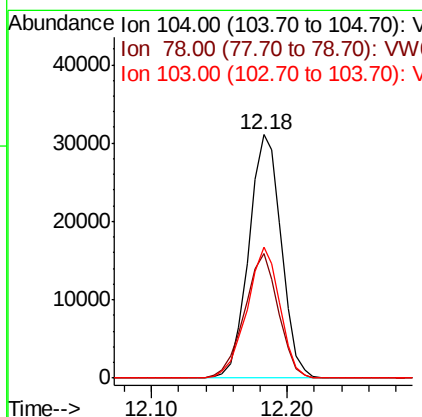
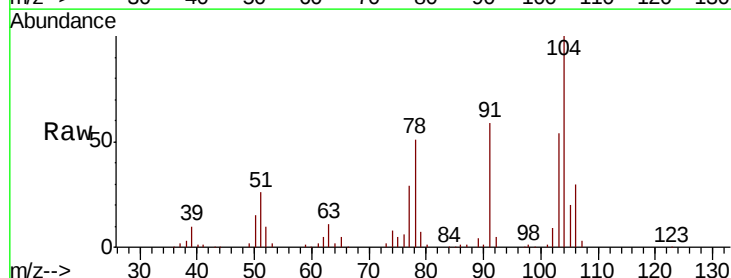
Manual Integrations
APPROVED

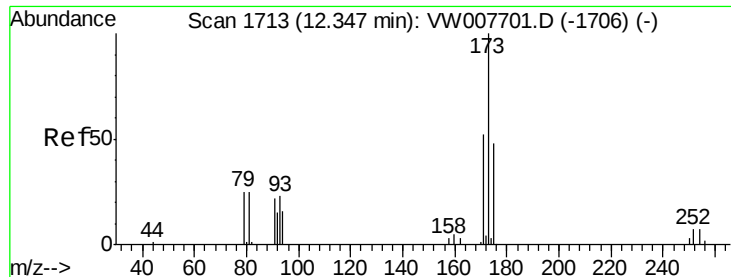
MMDadoda
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#70
Styrene
Concen: 21.417 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion:104 Resp: 51995
Ion Ratio Lower Upper
104 100
78 53.2 43.4 65.0
103 54.7 44.5 66.7





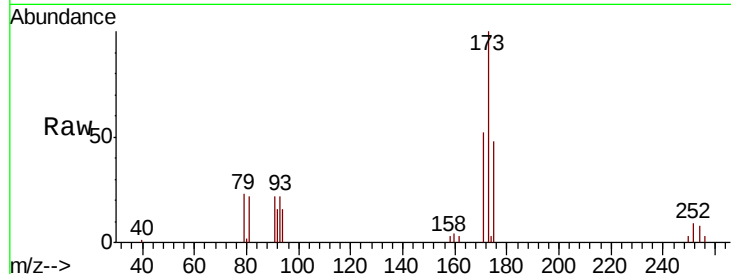
#71
Bromoform
Concen: 16.310 ug/l
RT: 12.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.3	23.9	71.7
254	0.0	0.0	0.0

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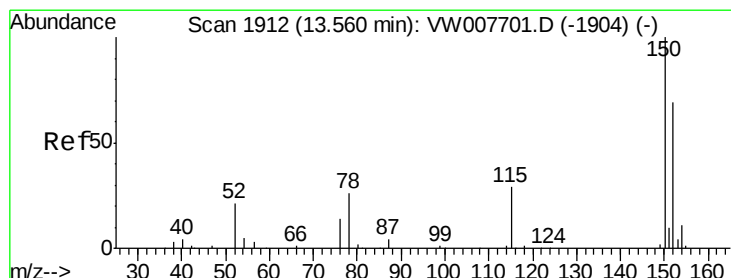
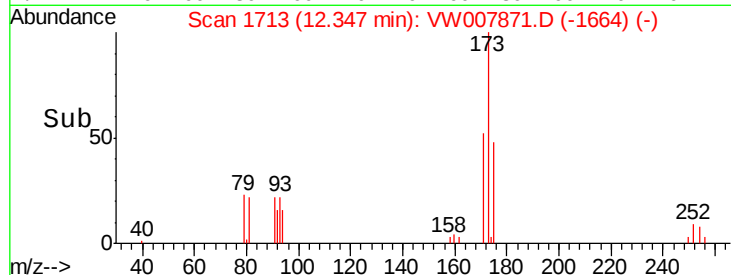
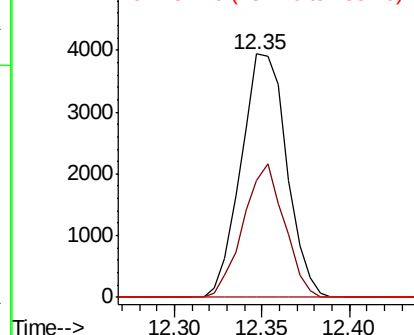


Abundance

Ion 172.70 (172.40 to 173.40): V

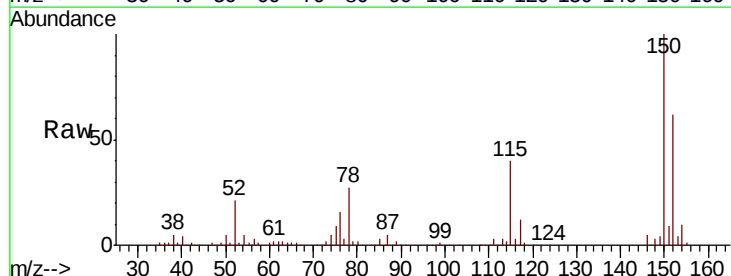
Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.8	95.4
150	165.6	0.0	350.8

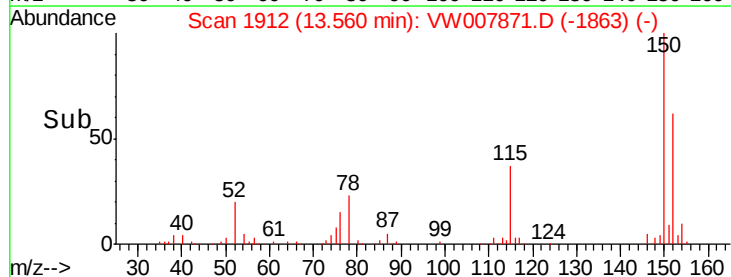
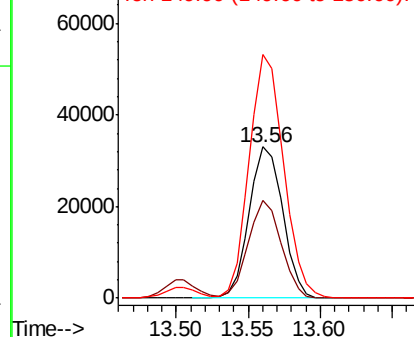


Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 22.385 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

Tgt Ion: 105 Resp: 90004

Ion Ratio Lower Upper

105 100

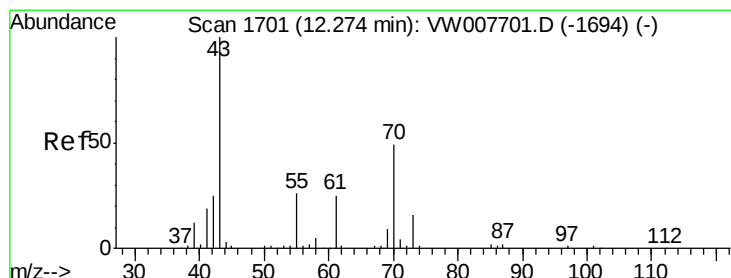
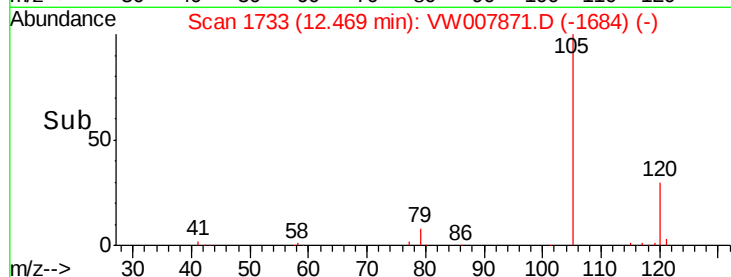
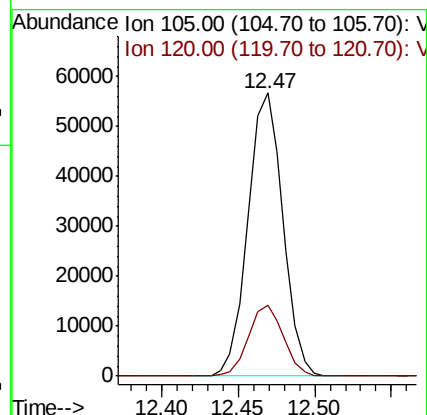
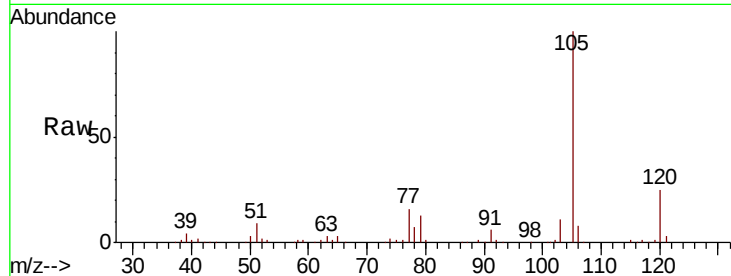
120 25.2 13.1 39.3

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#74

N-ethyl acetate

Concen: 25.139 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Tgt Ion: 43 Resp: 17508

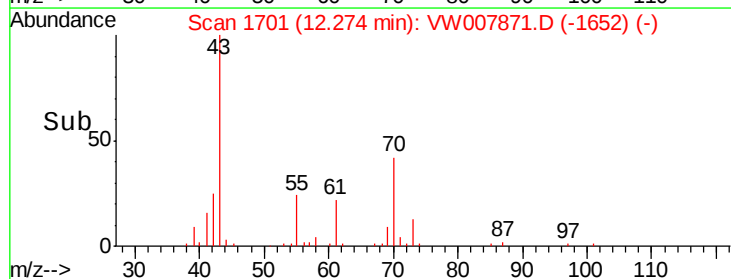
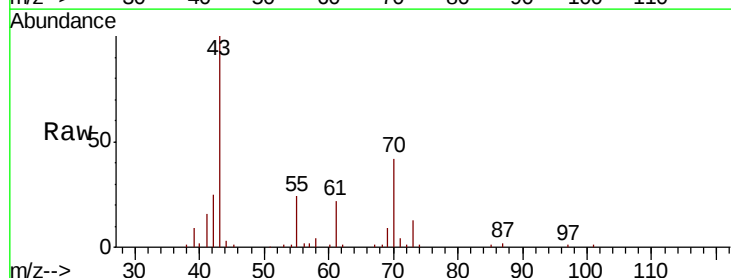
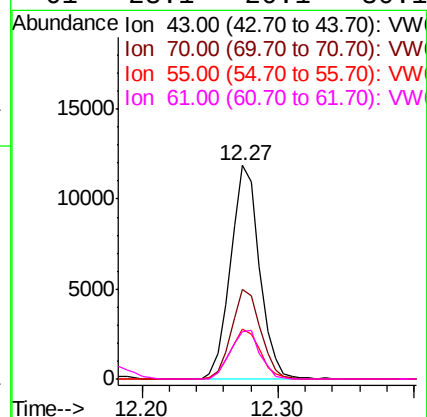
Ion Ratio Lower Upper

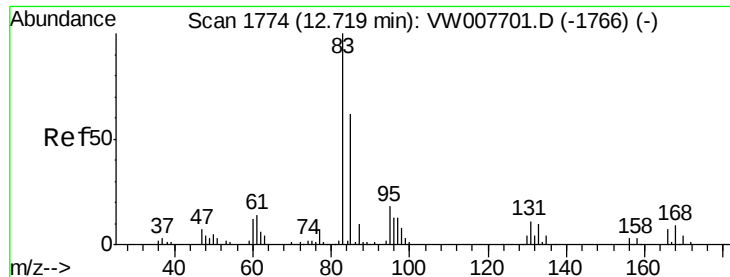
43 100

70 42.2 37.6 56.4

55 24.0 21.7 32.5

61 23.1 20.1 30.1





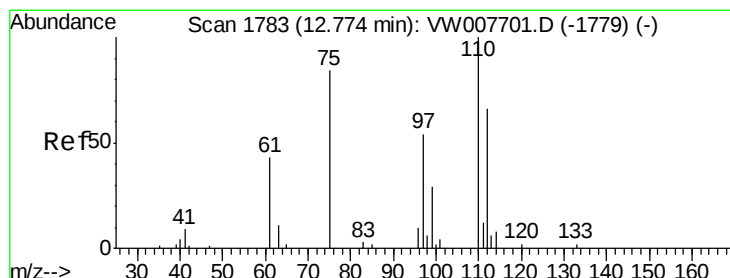
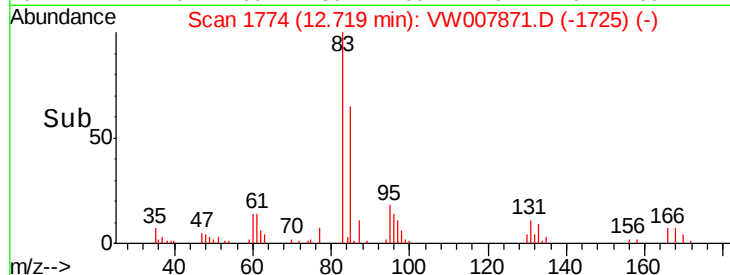
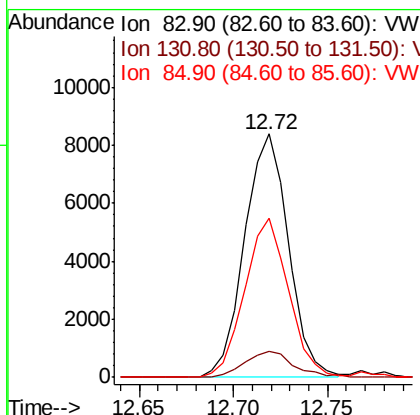
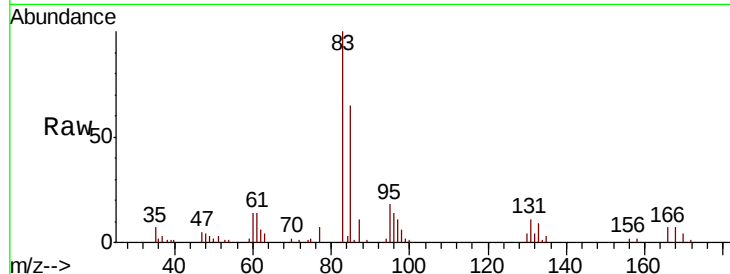
#75
 1,1,2,2-Tetrachloroethane
 Concen: 22.479 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	13551		
131	11.8	6.3	18.8	
85	65.2	32.3	96.8	

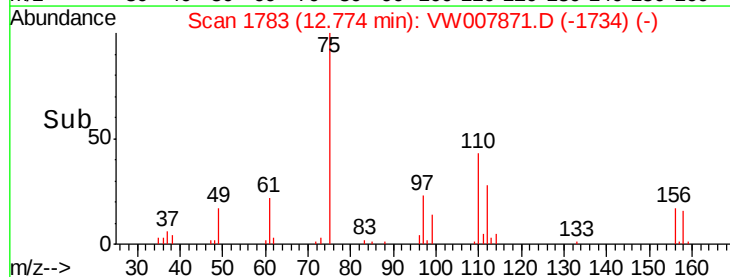
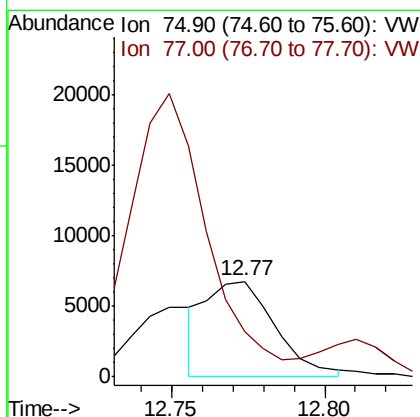
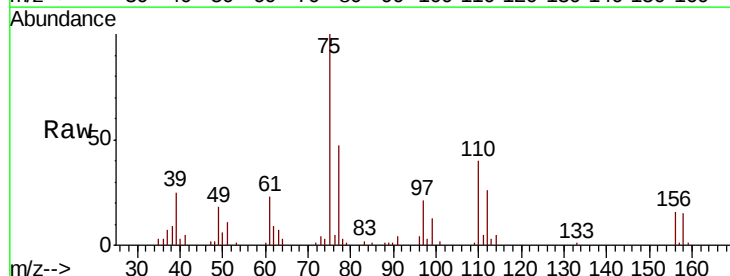
Manual Integrations
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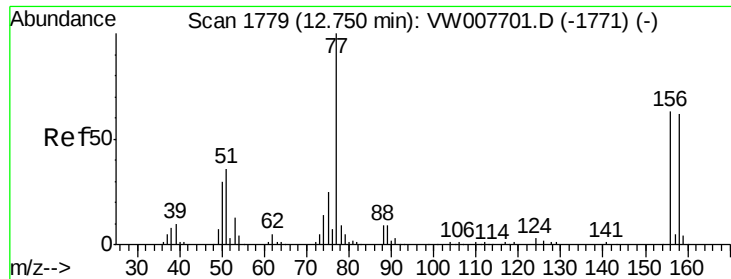
MMDadoda
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#76
 1,2,3-Trichloropropane
 Concen: 25.873 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	10637		
77	0.0	0.0	0.0	





#77

Bromobenzene

Concen: 21.342 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

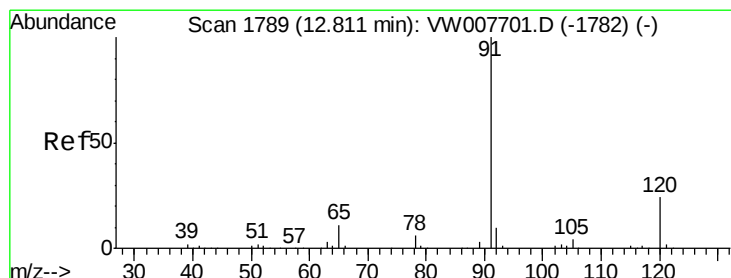
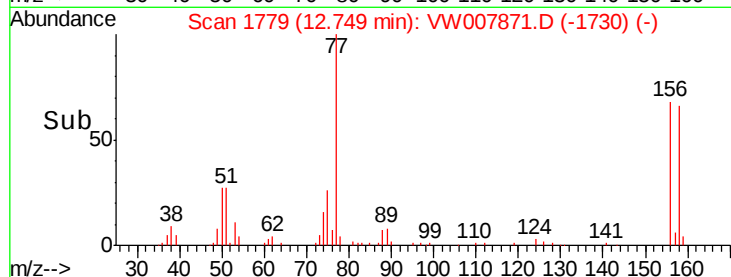
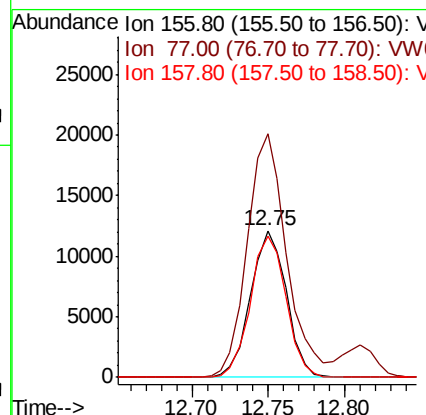
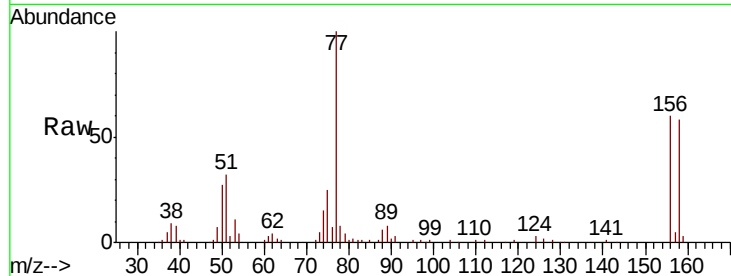
ClientSampleId :

VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
156	100		
77	181.5	87.4	262.1
158	96.3	48.4	145.0

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#78

n-propylbenzene

Concen: 22.056 ug/l

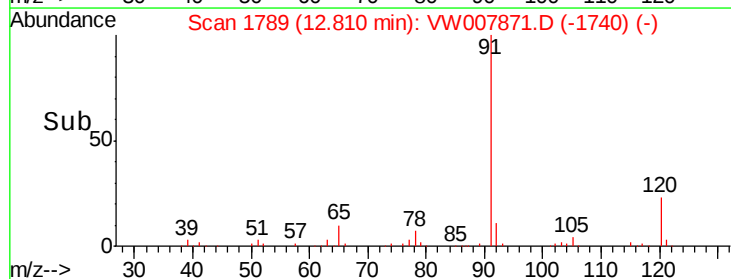
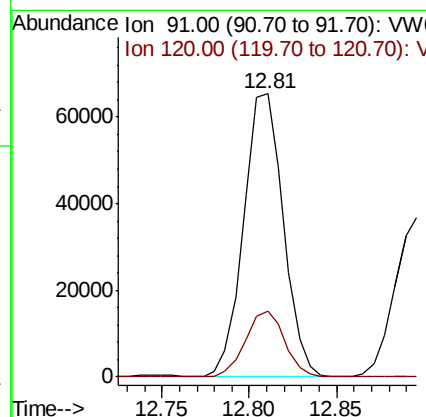
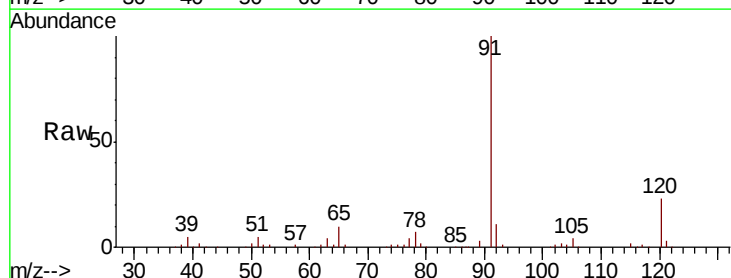
RT: 12.81 min Scan# 1789

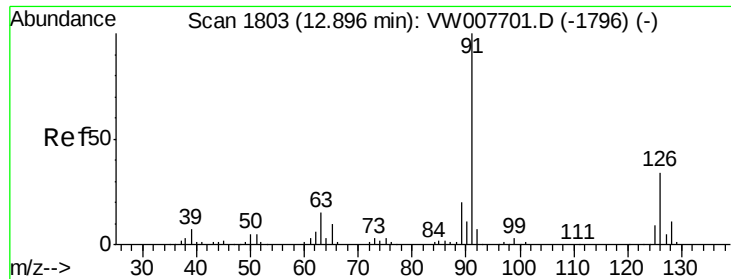
Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
91	100		
120	22.9	11.9	35.7





#79

2-Chlorotoluene

Concen: 22.149 ug/l

RT: 12.90 min Scan# 1803

Delta R.T. -0.00 min

Lab File: VW007871.D

Acq: 23 Dec 2018 05:16

Instrument :

MSVOA_W

ClientSampleId :

VW1224SBS02

Tgt Ion: 91 Resp: 60391

Ion Ratio Lower Upper

91 100

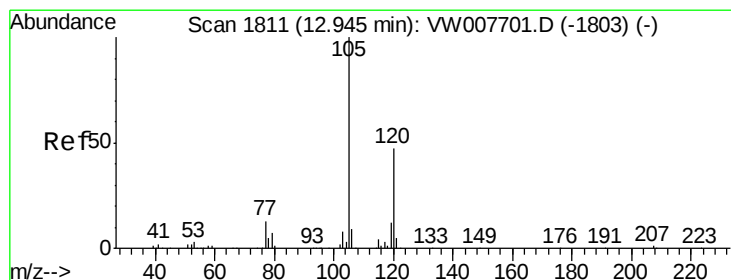
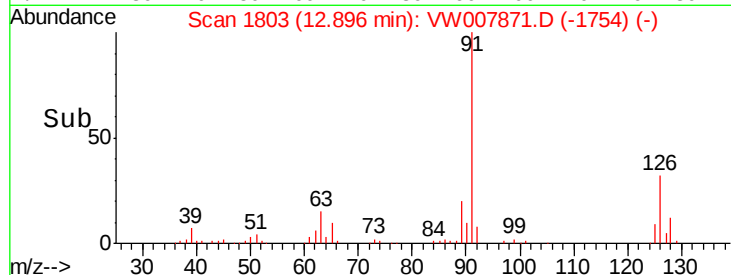
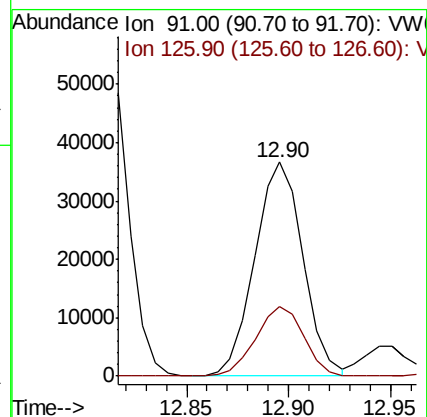
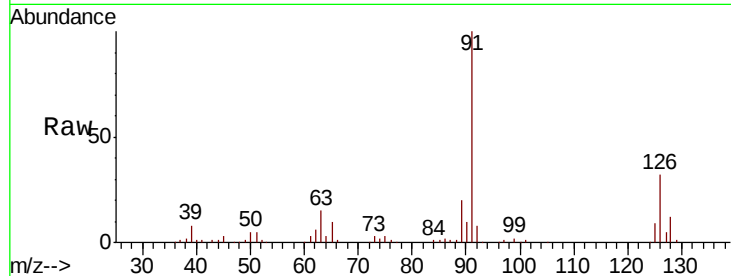
126 32.2 17.0 51.0

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#80

1,3,5-Trimethylbenzene

Concen: 22.141 ug/l

RT: 12.94 min Scan# 1811

Delta R.T. -0.00 min

Lab File: VW007871.D

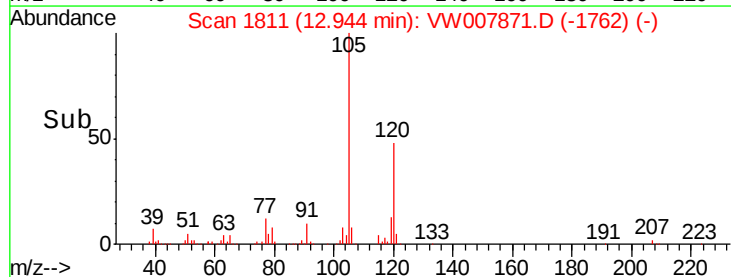
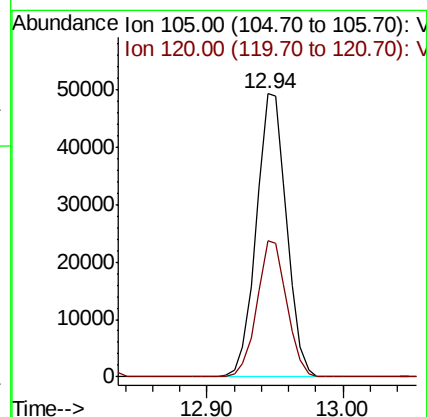
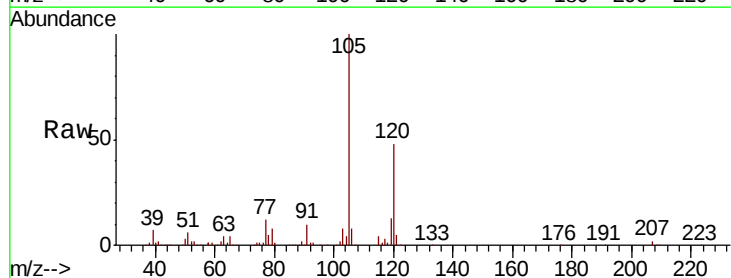
Acq: 23 Dec 2018 05:16

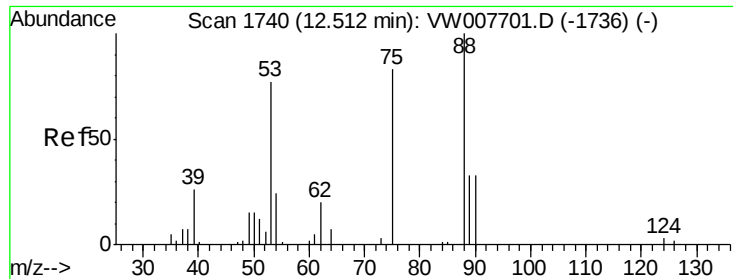
Tgt Ion: 105 Resp: 76789

Ion Ratio Lower Upper

105 100

120 47.3 23.6 70.8





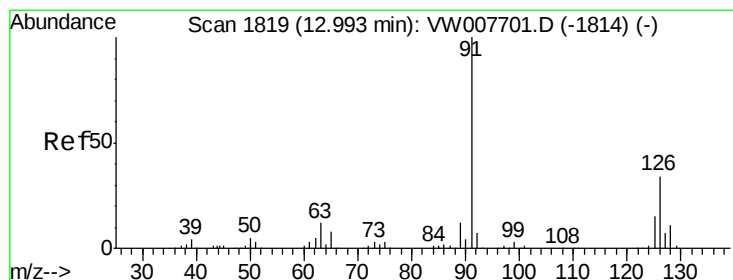
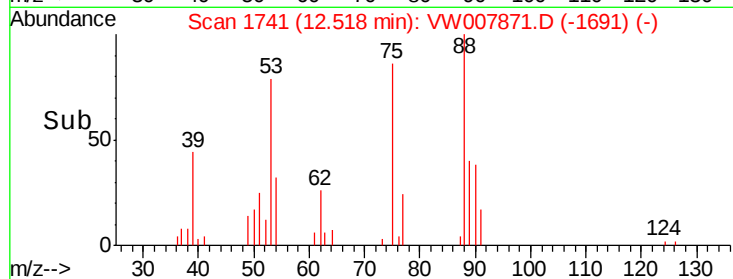
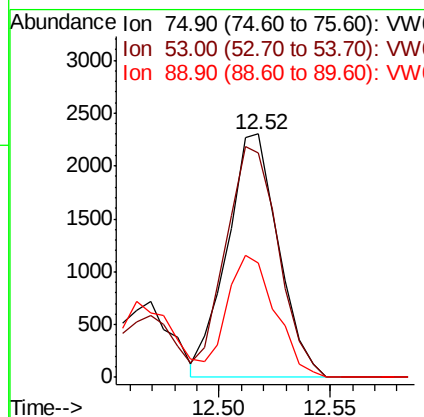
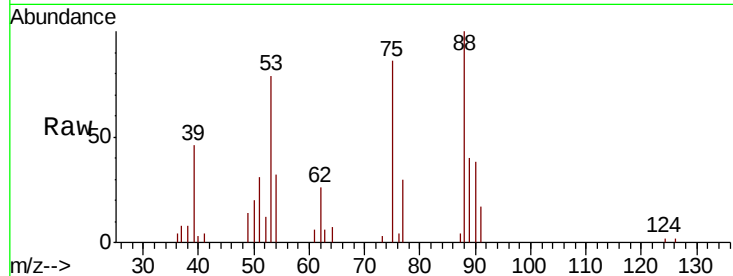
#81
trans-1,4-Dichloro-2-butene
Concen: 18.911 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.5	80.2	120.2
89	46.7	39.2	58.8

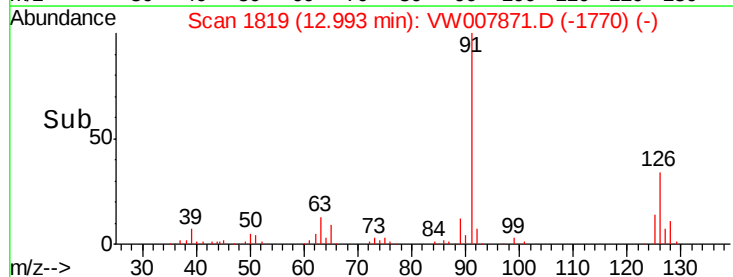
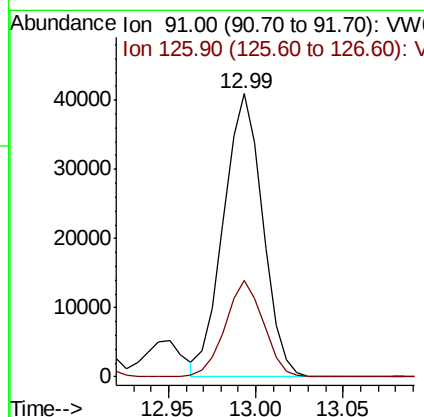
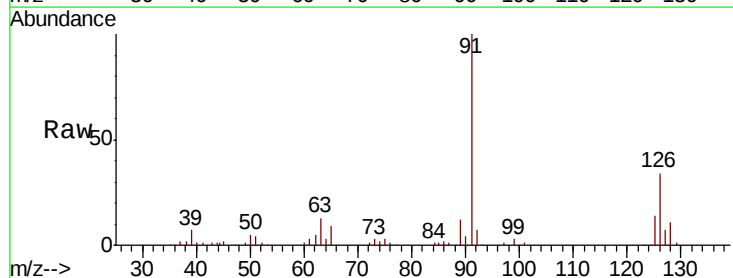
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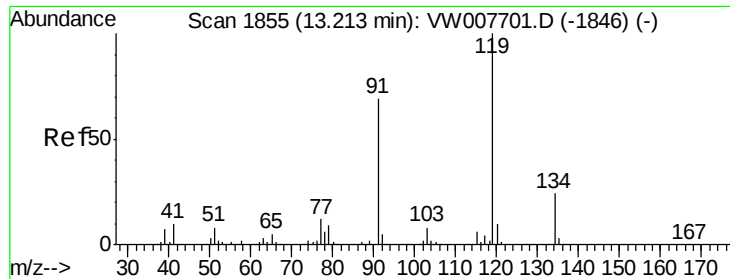
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#82
4-Chlorotoluene
Concen: 22.031 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.1	16.5	49.5





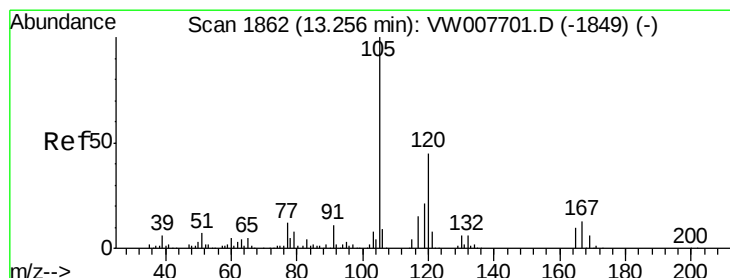
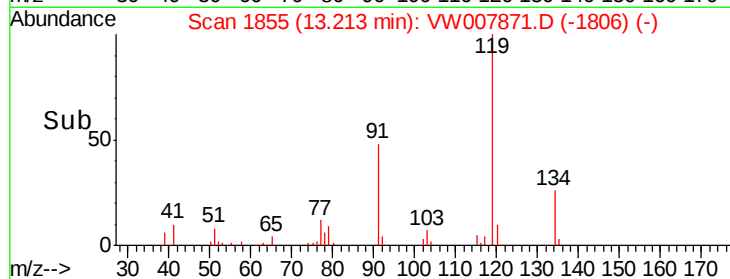
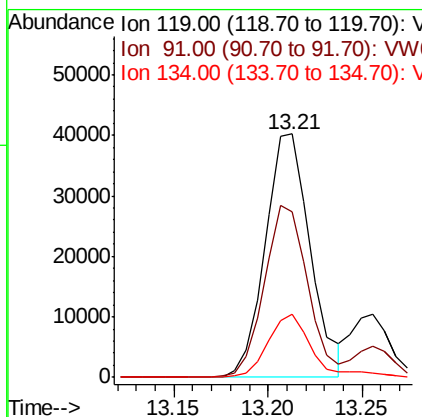
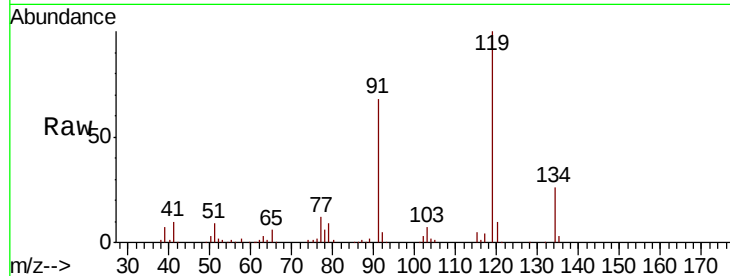
#83
 tert-Butylbenzene
 Concen: 22.012 ug/l
 RT: 13.21 min Scan# 1855
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	67.7	34.2	102.5
134	25.4	12.8	38.4

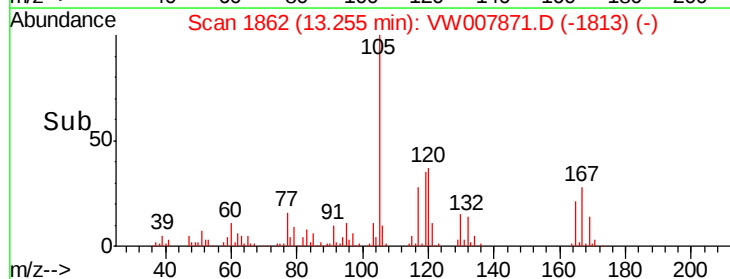
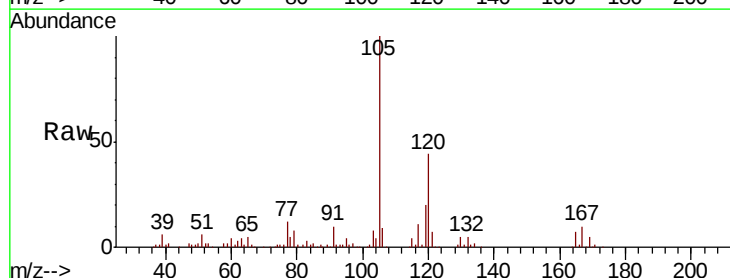
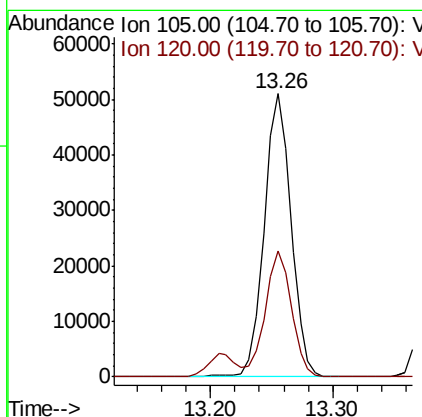
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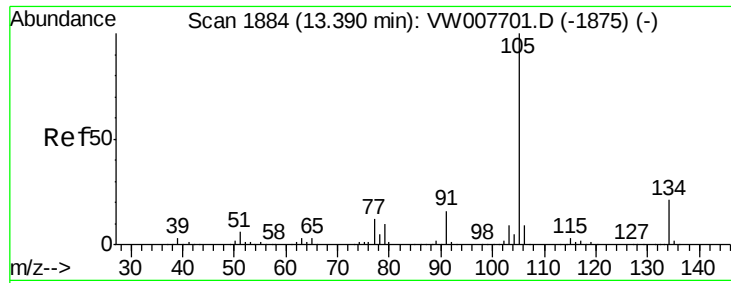
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#84
 1,2,4-Trimethylbenzene
 Concen: 22.296 ug/l
 RT: 13.26 min Scan# 1862
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.6	22.0	66.0





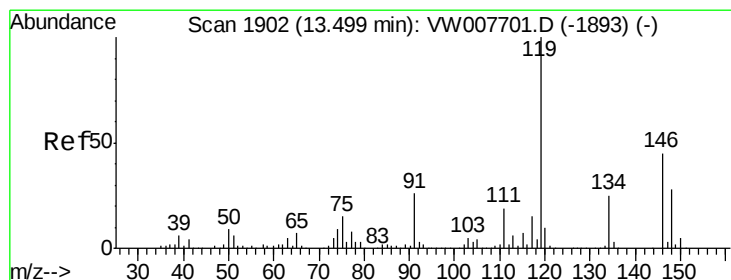
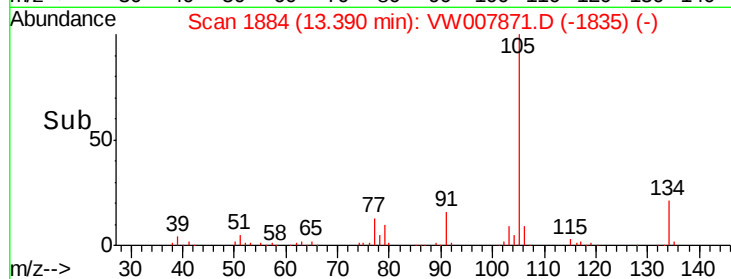
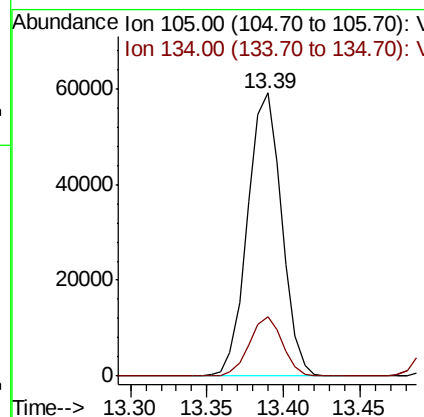
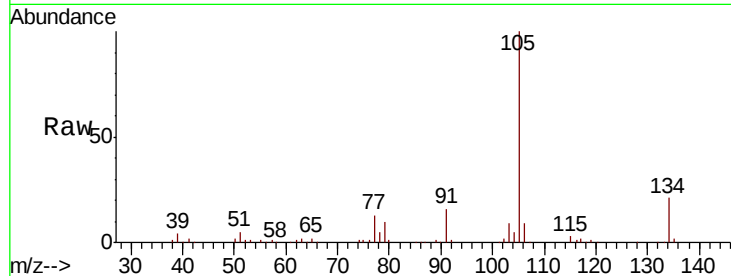
#85
 sec-Butylbenzene
 Concen: 21.868 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion:105 Resp: 91711
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4

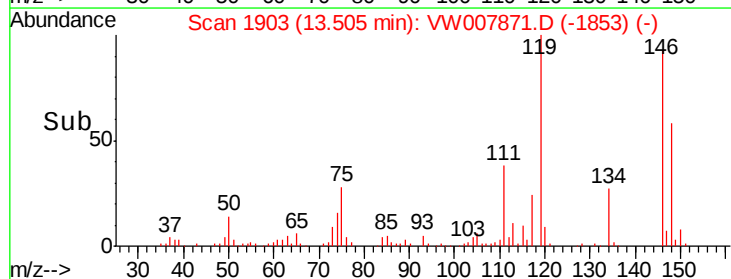
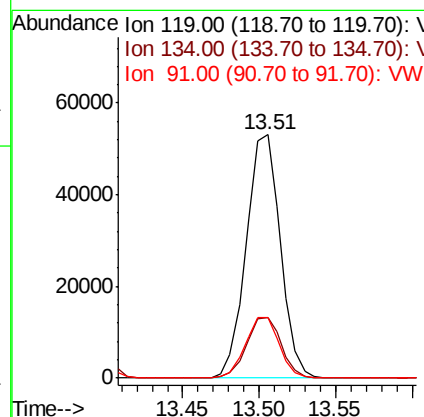
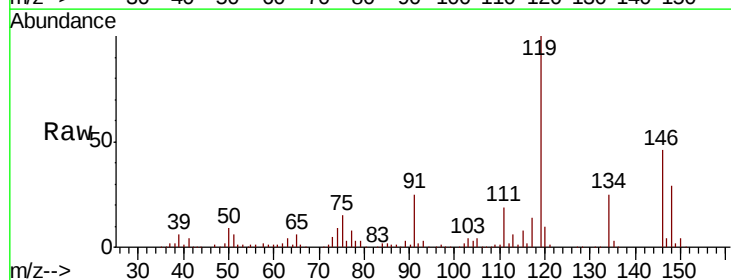
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#86
 p-Isopropyltoluene
 Concen: 21.580 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion:119 Resp: 82295
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.0 39.0
 91 24.8 12.8 38.4





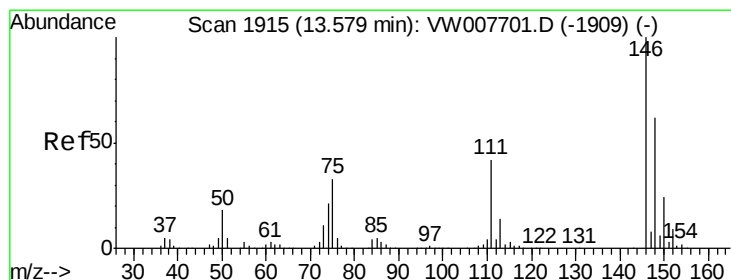
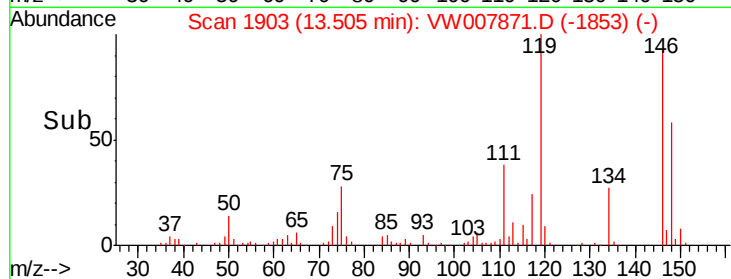
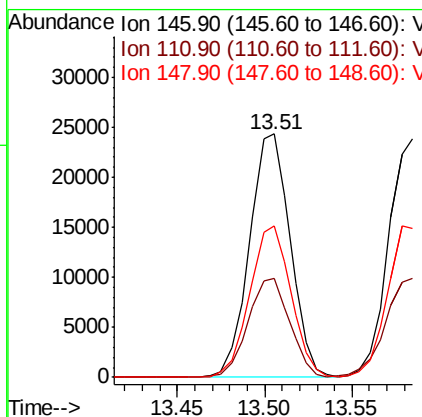
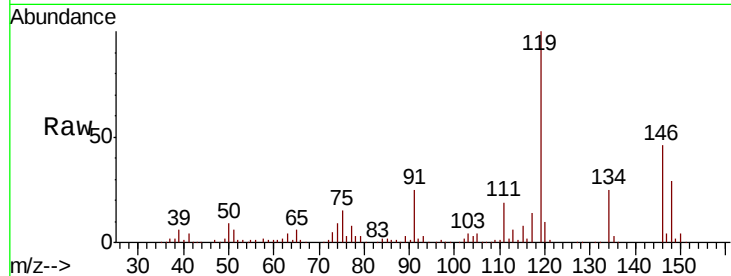
#87
 1,3-Dichlorobenzene
 Concen: 21.501 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.01 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.7	21.1	63.4
148	63.2	32.1	96.5

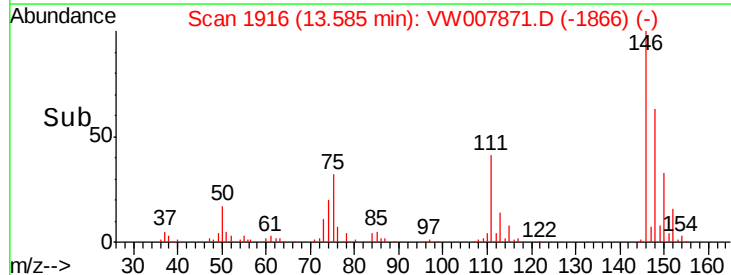
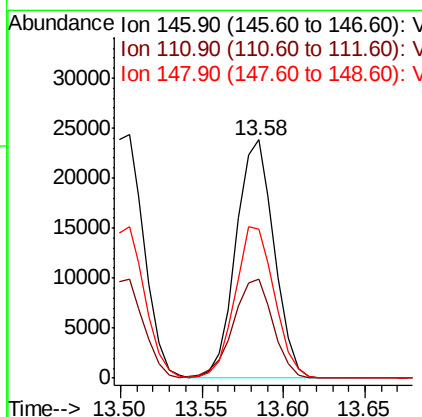
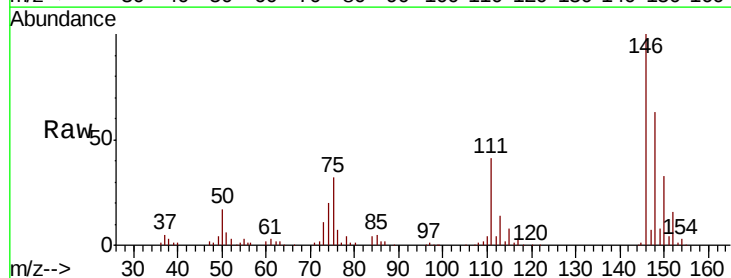
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#88
 1,4-Dichlorobenzene
 Concen: 21.153 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.01 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.7	21.0	63.0
148	65.5	31.8	95.4





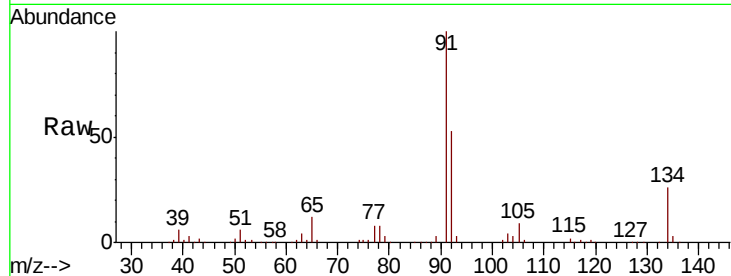
#89
n-Butylbenzene
Concen: 21.157 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

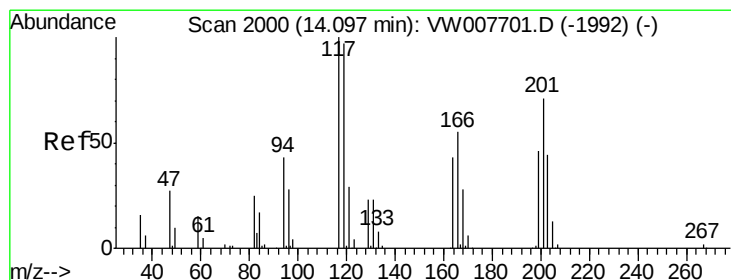
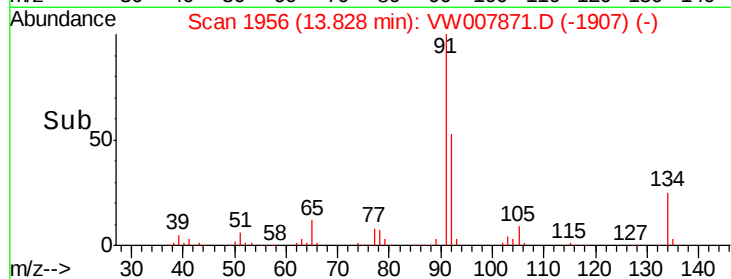
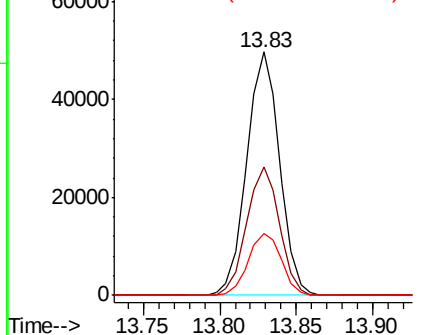
Tgt Ion: 91 Resp: 73976
Ion Ratio Lower Upper
91 100
92 52.8 26.4 79.2
134 25.8 13.7 41.0

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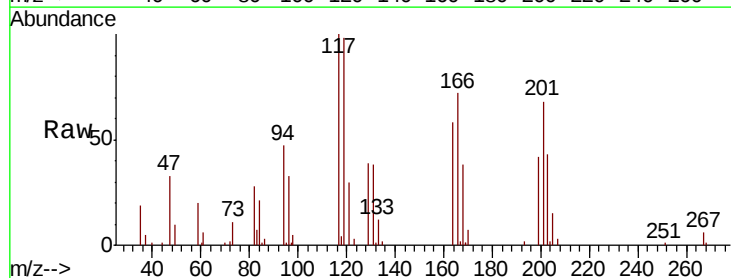


Abundance Ion 91.00 (90.70 to 91.70): VW
Ion 92.00 (91.70 to 92.70): VW
Ion 134.00 (133.70 to 134.70): V

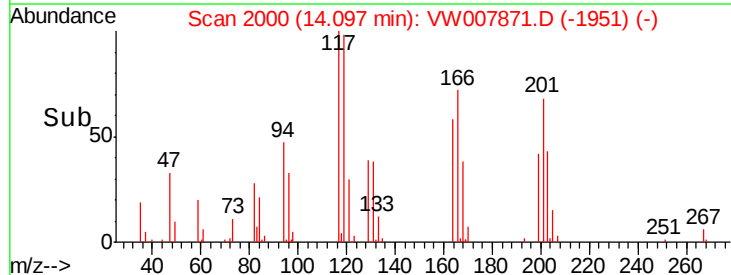
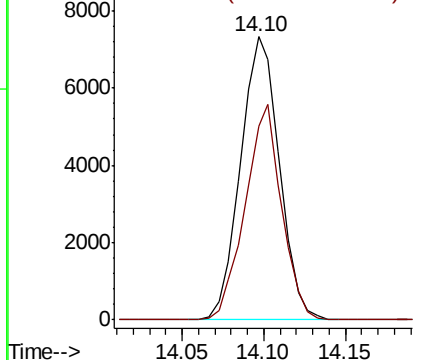


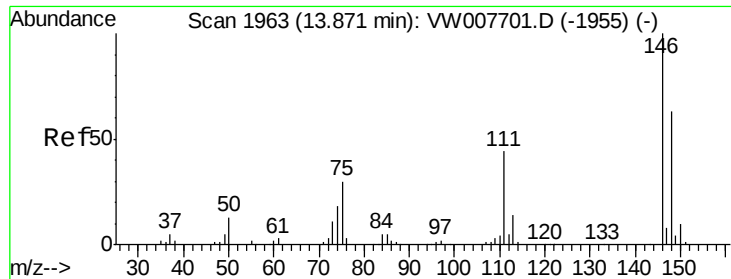
#90
Hexachloroethane
Concen: 18.118 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion: 117 Resp: 12130
Ion Ratio Lower Upper
117 100
201 71.5 36.2 108.6



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 200.70 (200.40 to 201.40): V





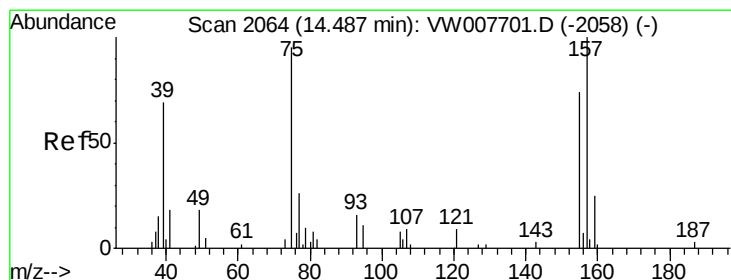
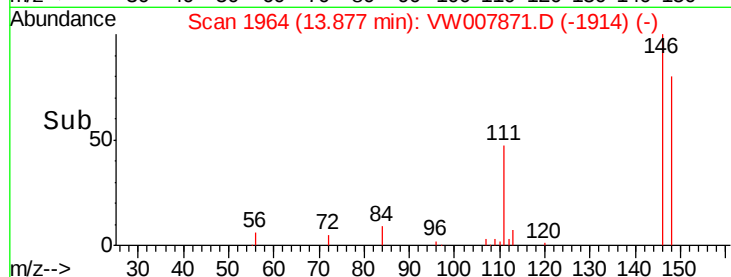
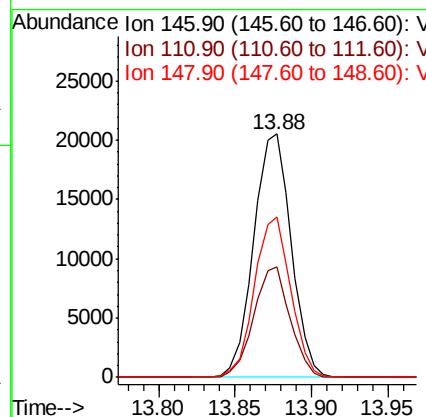
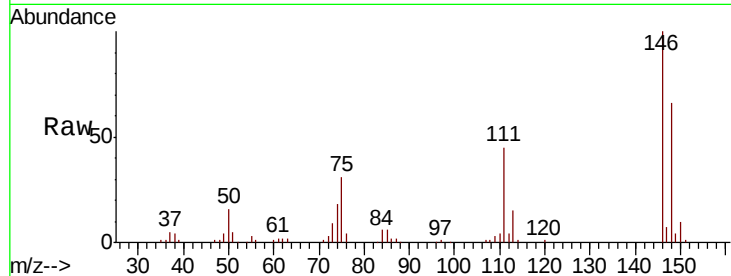
#91
 1,2-Dichlorobenzene
 Concen: 21.416 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.01 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.8	21.7	65.1
148	63.5	32.1	96.5

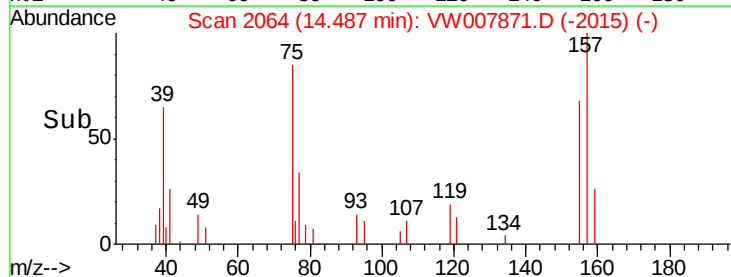
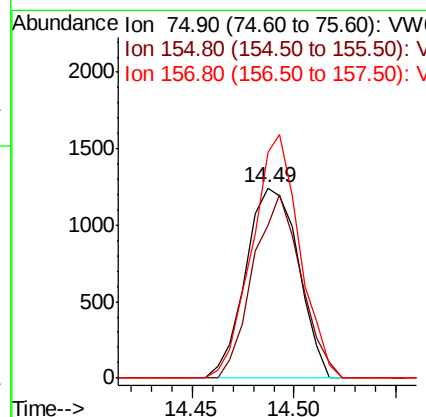
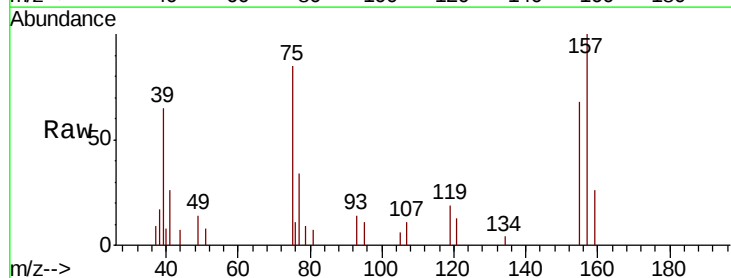
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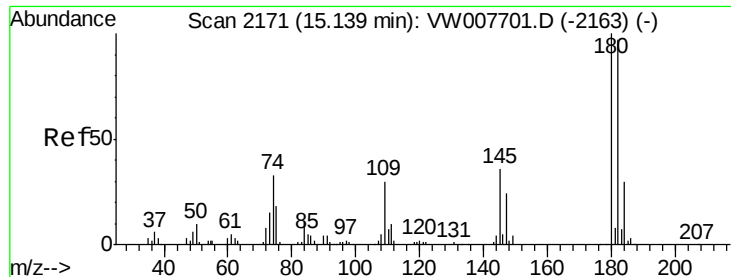
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 18.021 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007871.D
 Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	87.8	39.4	118.1
157	115.6	52.0	156.0





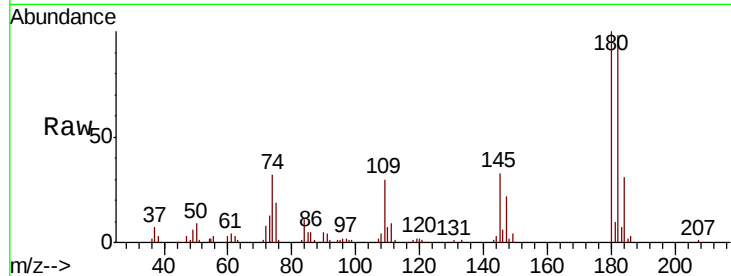
#93
1,2,4-Trichlorobenzene
Concen: 20.749 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	47.5	142.6
145	33.8	17.5	52.5

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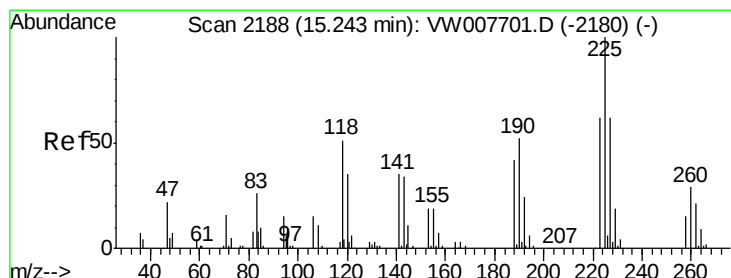
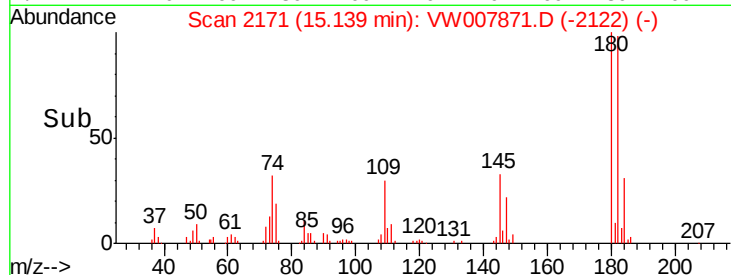
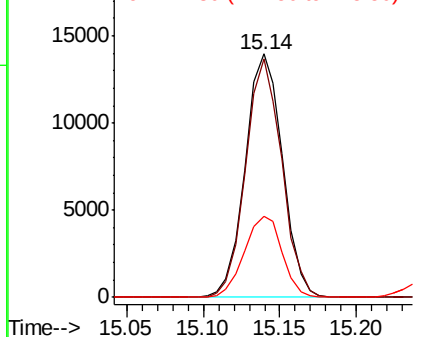


Abundance

Ion 179.80 (179.50 to 180.50): V

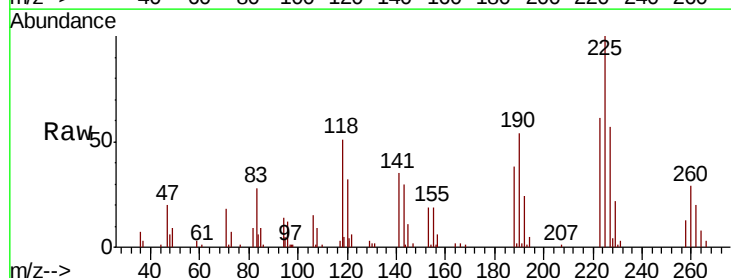
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 20.931 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.2	31.6	94.8
227	61.0	32.1	96.3

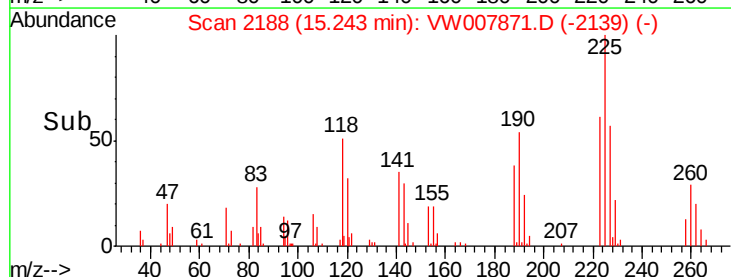
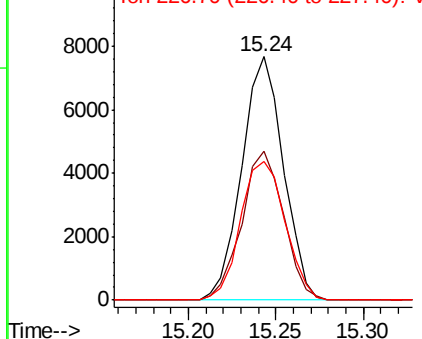


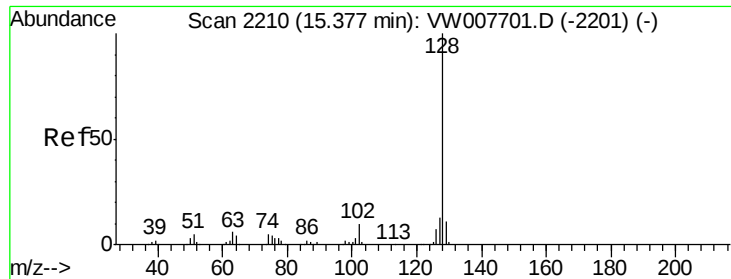
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





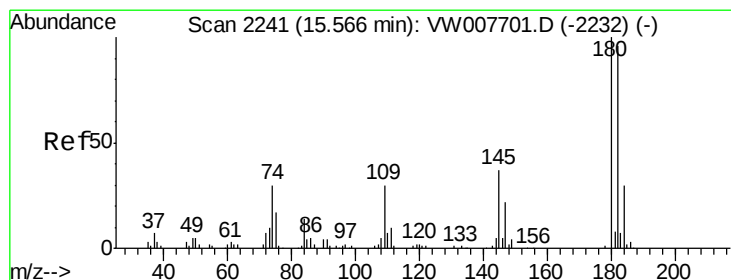
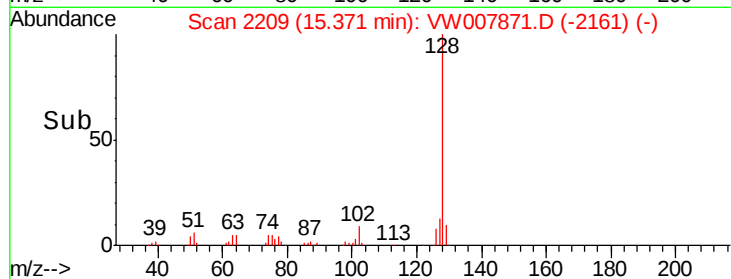
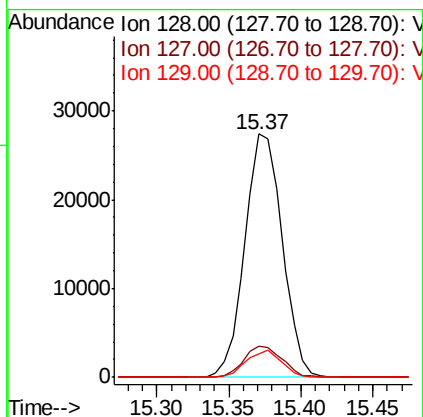
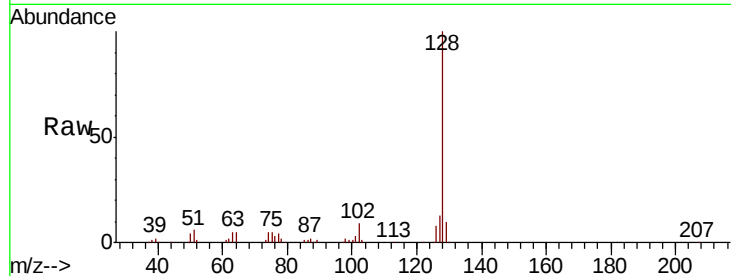
#95
Naphthalene
Concen: 23.418 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Instrument :
MSVOA_W
ClientSampleId :
VW1224SBS02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	13.2	10.7	16.1
129	10.6	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
12/24/2018 3:15:31 PM



#96
1,2,3-Trichlorobenzene
Concen: 21.674 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. -0.00 min
Lab File: VW007871.D
Acq: 23 Dec 2018 05:16

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.4	142.2
145	36.2	18.4	55.0

