

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122618\
 Data File : VW007911.D
 Acq On : 25 Dec 2018 02:13
 Operator : SY/AP
 Sample : VSTDICV050
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 ICSVW122618

Manual Integrations
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 12/27/2018 11:18:10 AM

Quant Time: Dec 25 05:47:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 25 04:35:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	76107	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	131099	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	120012	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57729	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	47518	53.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.86%	
35) Dibromofluoromethane	7.88	113	41713	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	
50) Toluene-d8	10.32	98	162926	53.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.68%	
62) 4-Bromofluorobenzene	12.62	95	63480	53.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	29586m	50.412	ug/l	
3) Chloromethane	2.22	50	26444	49.677	ug/l	99
4) Vinyl Chloride	2.37	62	32430	49.765	ug/l	98
5) Bromomethane	2.78	94	20863	50.782	ug/l	100
6) Chloroethane	2.93	64	17638	51.558	ug/l	100
7) Trichlorofluoromethane	3.26	101	25053	53.473	ug/l	97
8) Diethyl Ether	3.68	74	20368	51.261	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	39188	50.671	ug/l	98
10) Methyl Iodide	4.26	142	64771	50.888	ug/l	99
11) Tert butyl alcohol	5.17	59	18474	288.807	ug/l	99
12) 1,1-Dichloroethene	4.03	96	36905	49.490	ug/l	99
13) Acrolein	3.88	56	8528	246.271	ug/l	99
14) Allyl chloride	4.67	41	58406	51.155	ug/l	99
15) Acrylonitrile	5.37	53	42999	254.613	ug/l	97
16) Acetone	4.12	43	38750	251.614	ug/l	99
17) Carbon Disulfide	4.38	76	108121	51.278	ug/l	100
18) Methyl Acetate	4.67	43	26619	53.784	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	67571	51.873	ug/l	98
20) Methylene Chloride	4.91	84	45921	48.995	ug/l	94
21) trans-1,2-Dichloroethene	5.42	96	40946	49.624	ug/l	97
22) Diisopropyl ether	6.31	45	114067	50.397	ug/l	99
23) Vinyl Acetate	6.26	43	326608	258.354	ug/l	99
24) 1,1-Dichloroethane	6.21	63	74106	50.430	ug/l	99
25) 2-Butanone	7.17	43	53091	252.353	ug/l	93
26) 2,2-Dichloropropane	7.16	77	48227	50.112	ug/l	99
27) cis-1,2-Dichloroethene	7.16	96	46572	50.311	ug/l	99
28) Bromochloromethane	7.51	49	27626	51.818	ug/l #	98
29) Tetrahydrofuran	7.52	42	35121	257.861	ug/l	99
30) Chloroform	7.68	83	80388	50.365	ug/l	98
31) Cyclohexane	7.95	56	61977	47.099	ug/l	99
32) 1,1,1-Trichloroethane	7.87	97	69971	51.493	ug/l	97
36) 1,1-Dichloropropene	8.09	75	59545	50.119	ug/l	99
37) Ethyl Acetate	7.26	43	24514	51.104	ug/l	98
38) Carbon Tetrachloride	8.07	117	64651	51.928	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	72885	49.883	ug/l	99
40) Benzene	8.32	78	167326	50.367	ug/l	98
41) Methacrylonitrile	7.48	41	14530	49.323	ug/l	94
42) 1,2-Dichloroethane	8.40	62	56847	51.133	ug/l	100
43) Isopropyl Acetate	8.43	43	50732	51.761	ug/l	99
44) Trichloroethene	9.09	130	48129	51.433	ug/l	100
45) 1,2-Dichloropropane	9.37	63	40486	51.030	ug/l	97
46) Dibromomethane	9.46	93	23242	51.088	ug/l	99
47) Bromodichloromethane	9.65	83	60041	52.569	ug/l	98
48) Methyl methacrylate	9.44	41	25283	52.453	ug/l	99
49) 1,4-Dioxane	9.44	88	8148	1079.735	ug/l	98
51) 4-Methyl-2-Pentanone	10.21	43	121807	261.500	ug/l	100
52) Toluene	10.39	92	111494	49.726	ug/l	99
53) t-1,3-Dichloropropene	10.61	75	60978	51.978	ug/l	95
54) cis-1,3-Dichloropropene	10.07	75	68008	51.661	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	32757	51.376	ug/l	99
56) Ethyl methacrylate	10.65	69	42583	53.520	ug/l	98
57) 1,3-Dichloropropane	10.93	76	55728	50.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.93	63	97368	252.640	ug/l	100
59) 2-Hexanone	10.97	43	83535	263.217	ug/l	100
60) Dibromochloromethane	11.13	129	40636	53.589	ug/l	100
61) 1,2-Dibromoethane	11.24	107	33247	52.600	ug/l	97
64) Tetrachloroethene	10.87	164	40559	50.706	ug/l	98
65) Chlorobenzene	11.66	112	124956	49.741	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	44312	51.573	ug/l	99
67) Ethyl Benzene	11.73	91	221202	50.459	ug/l	99
68) m/p-Xylenes	11.84	106	169201	100.839	ug/l	100
69) o-Xylene	12.17	106	81092	50.462	ug/l	99
70) Styrene	12.18	104	134452	51.166	ug/l	99
71) Bromoform	12.35	173	21836	53.604	ug/l #	97
73) Isopropylbenzene	12.47	105	223751	51.019	ug/l	100
74) N-amyl acetate	12.27	43	47168	53.566	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.72	83	36568	52.180	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	29097m	49.463	ug/l	
77) Bromobenzene	12.75	156	49967	50.720	ug/l	97
78) n-propylbenzene	12.81	91	258705	50.780	ug/l	99
79) 2-Chlorotoluene	12.90	91	152760	50.253	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	192825	51.066	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	11552	55.436	ug/l	99
82) 4-Chlorotoluene	12.99	91	162973	50.977	ug/l	100
83) tert-Butylbenzene	13.21	119	167849	50.917	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	197710	51.575	ug/l	99
85) sec-Butylbenzene	13.39	105	230732	50.825	ug/l	100
86) p-Isopropyltoluene	13.51	119	207666	51.123	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	99730	50.511	ug/l	99
88) 1,4-Dichlorobenzene	13.58	146	99918	51.130	ug/l	99
89) n-Butylbenzene	13.83	91	189711	51.067	ug/l	100
90) Hexachloroethane	14.10	117	34496	53.343	ug/l	100
91) 1,2-Dichlorobenzene	13.88	146	90694	51.258	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	7156	55.146	ug/l	97

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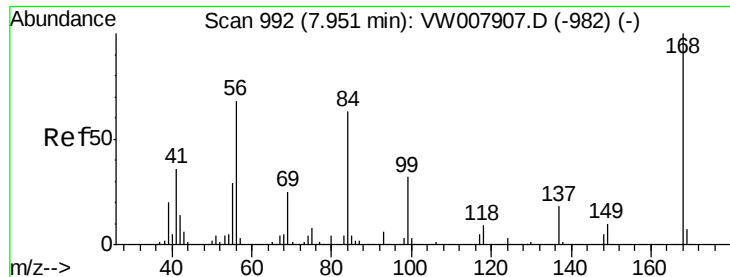
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	62568	52.687	ug/l	99
94) Hexachlorobutadiene	15.24	225	31023	50.621	ug/l	96
95) Naphthalene	15.38	128	130540	55.299	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	55476	53.676	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW122618

Tot Ion:168 Resp: 76107

Ion Ratio Lower Upper

168 100

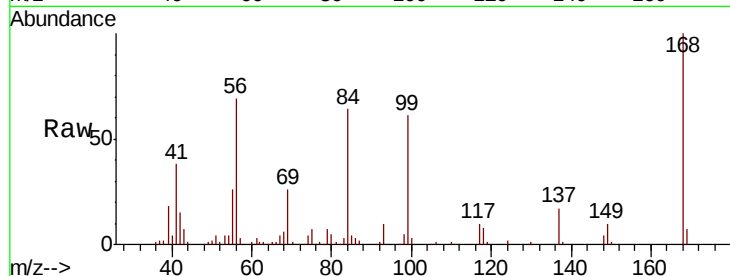
99 61.4 47.3 70.9

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

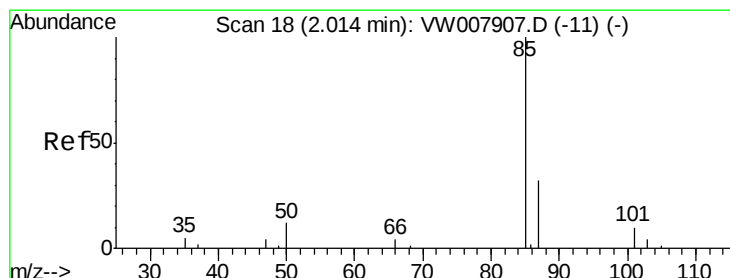
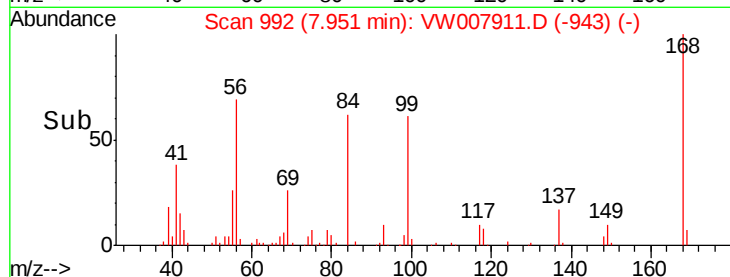
20000

10000

0

7.85 7.90 7.95 8.00 8.05

Time-->



#2

Dichlorodifluoromethane

Concen: 50.412 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007911.D

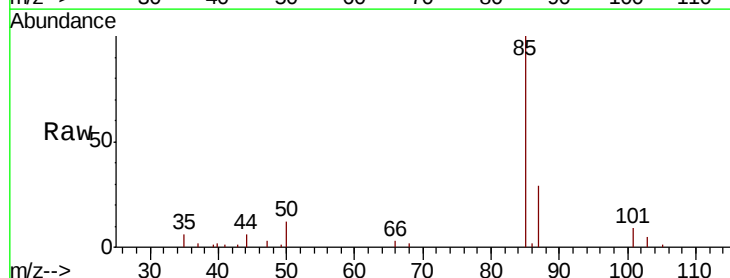
Acq: 25 Dec 2018 02:13

Tgt Ion: 85 Resp: 29586

Ion Ratio Lower Upper

85 100

87 28.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

10000

8000

6000

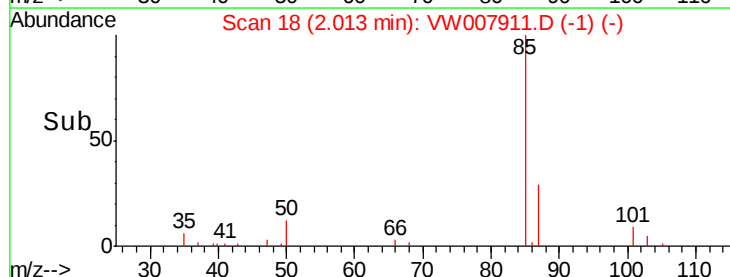
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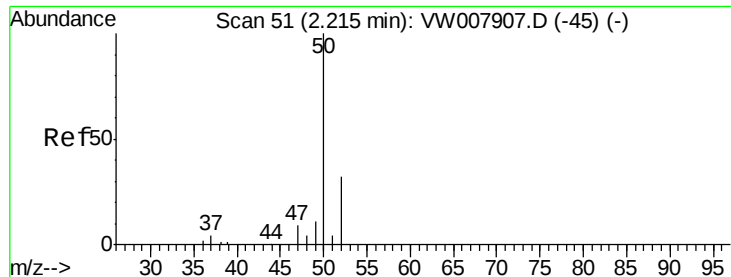
2000

0

1.90 2.00 2.10 2.20

Time-->





#3

Chloromethane

Concen: 49.677 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW122618

Tot Ion: 50 Resp: 26444

Ion Ratio Lower Upper

50 100

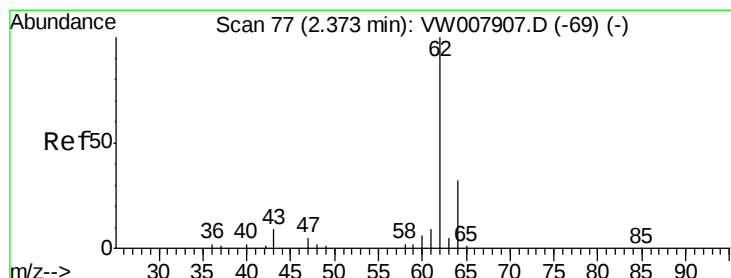
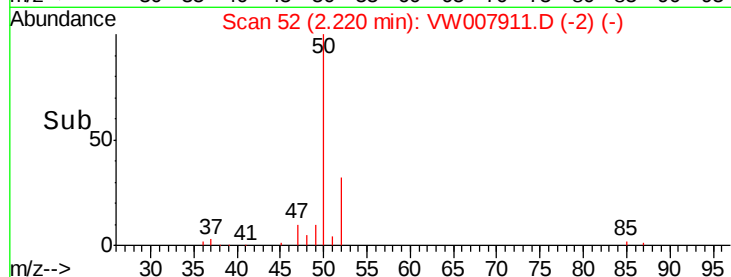
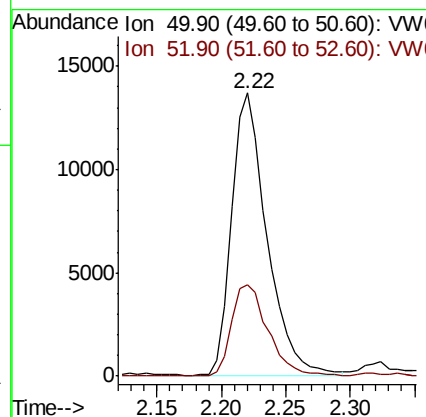
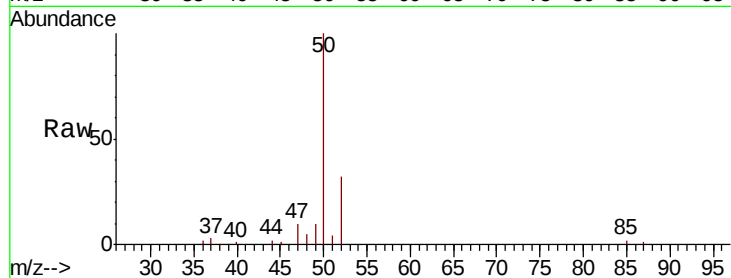
52 32.4 25.6 38.4

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#4

Vinyl Chloride

Concen: 49.765 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.01 min

Lab File: VW007911.D

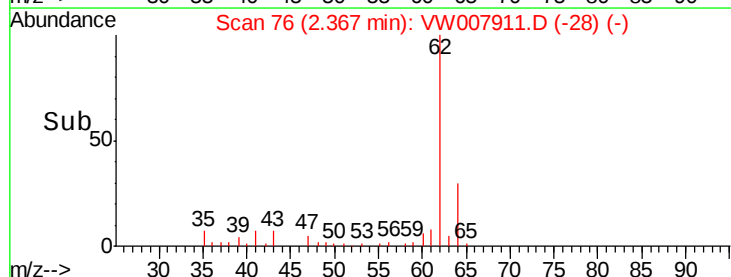
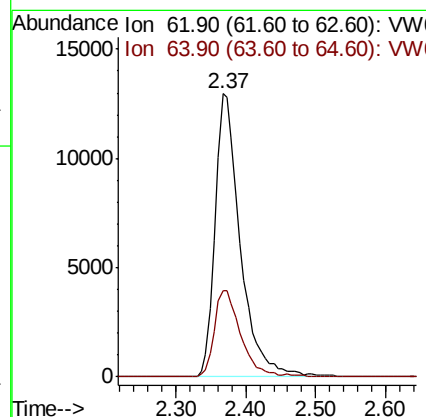
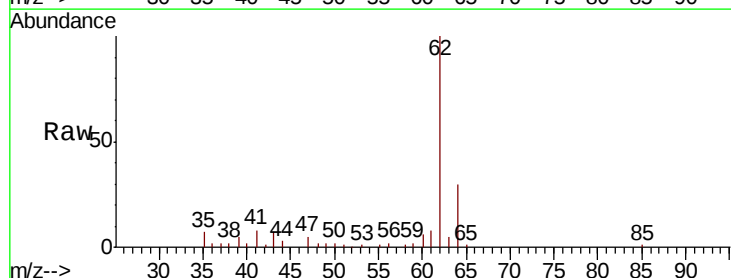
Acq: 25 Dec 2018 02:13

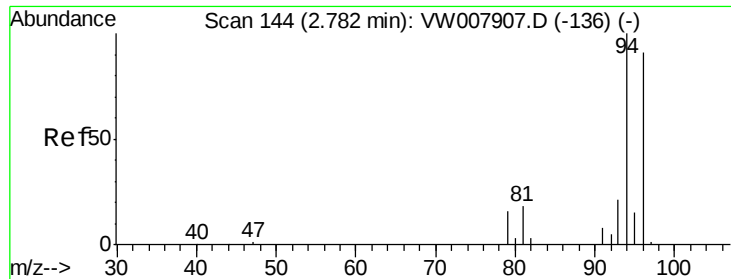
Tgt Ion: 62 Resp: 32430

Ion Ratio Lower Upper

62 100

64 30.4 25.3 37.9





#5

Bromomethane

Concen: 50.782 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

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ClientSampleId :

ICVW122618

Tot Ion: 94 Resp: 20863

Ion Ratio Lower Upper

94 100

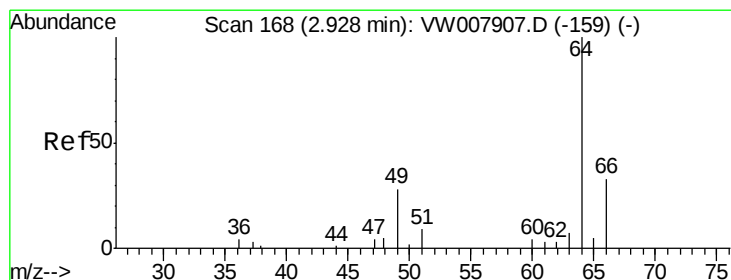
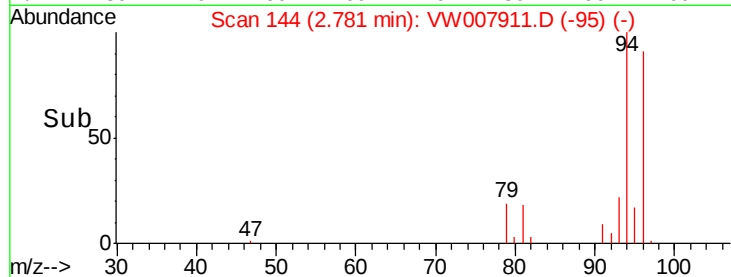
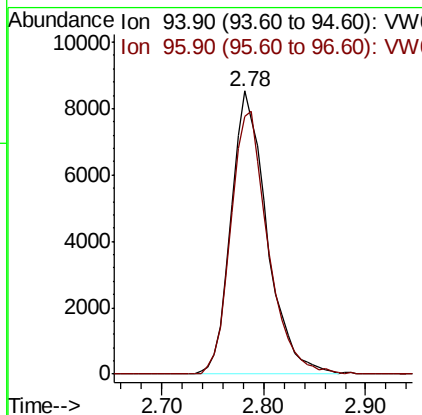
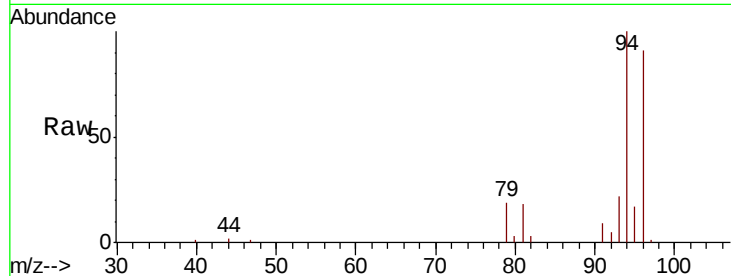
96 91.0 72.7 109.1

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#6

Chloroethane

Concen: 51.558 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007911.D

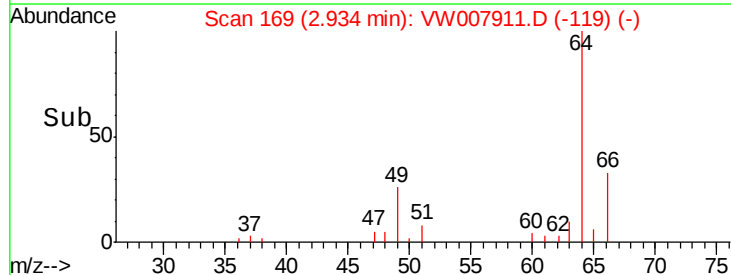
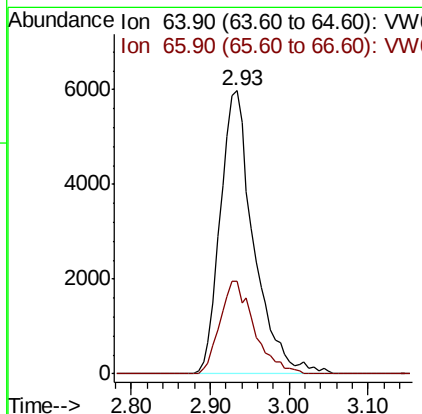
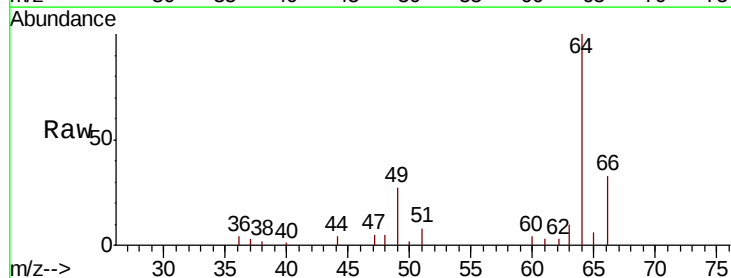
Acq: 25 Dec 2018 02:13

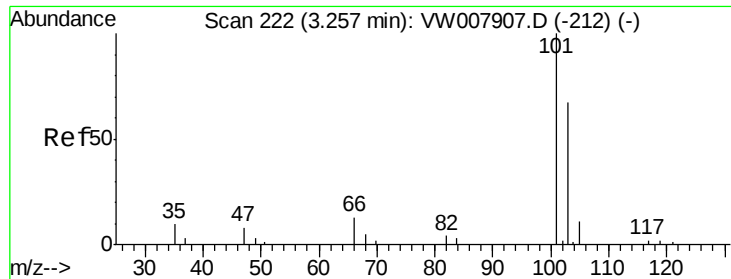
Tgt Ion: 64 Resp: 17638

Ion Ratio Lower Upper

64 100

66 32.9 26.2 39.2





#7

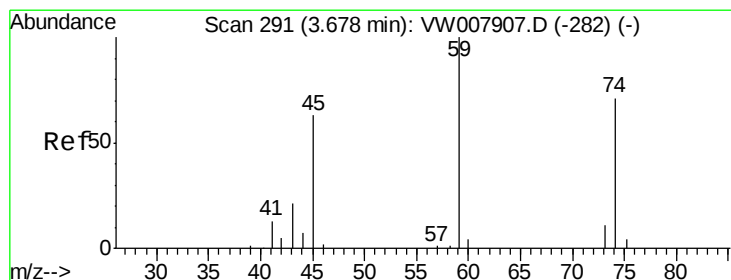
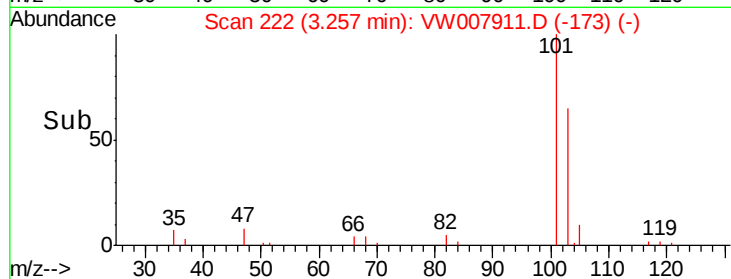
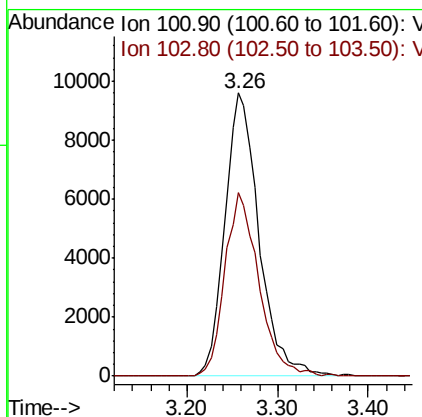
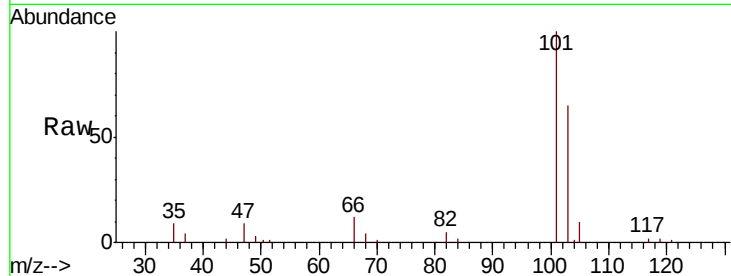
Trichlorofluoromethane
 Concen: 53.473 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

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 ClientSampleId :
 ICVVW122618

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.9	53.8	80.8

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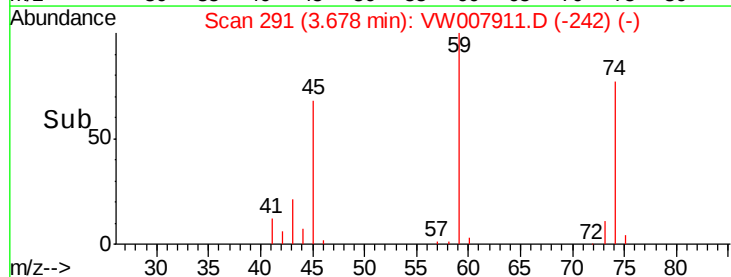
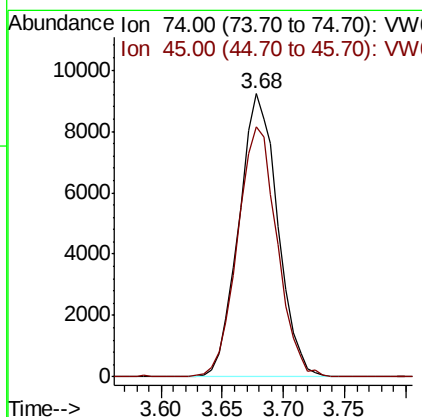
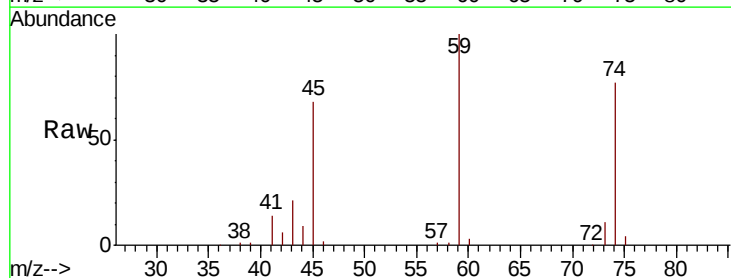
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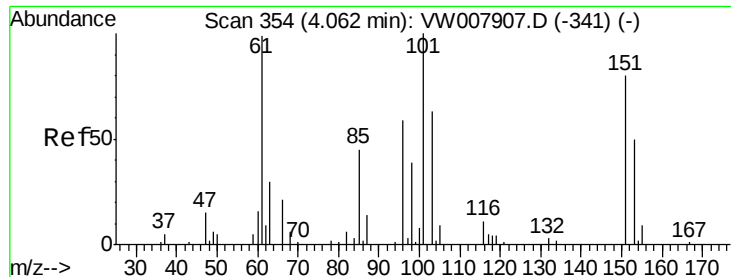


#8

Diethyl Ether
 Concen: 51.261 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
74	100		
45	89.8	44.3	132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.671 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

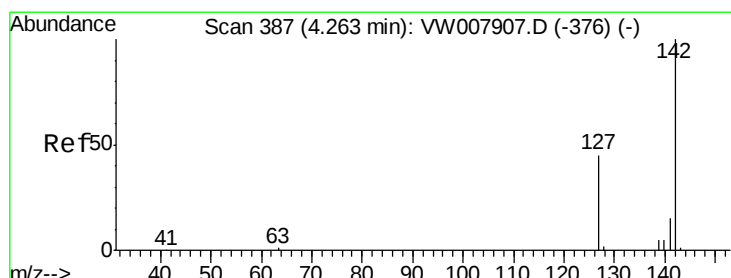
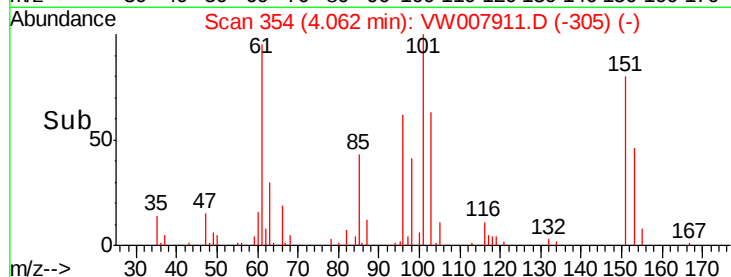
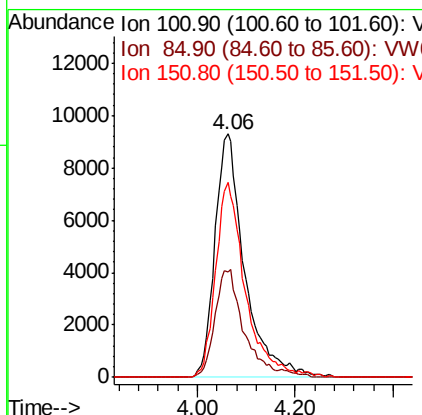
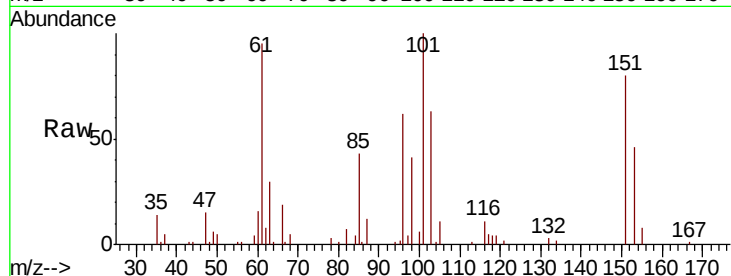
ClientSampleId :

ICVW122618

Tot Ion:	101	Resp:	39188
Ion Ratio	Lower	Upper	
101	100		
85	42.3	35.8	53.6
151	80.0	63.2	94.8

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#10

Methyl Iodide

Concen: 50.888 ug/l

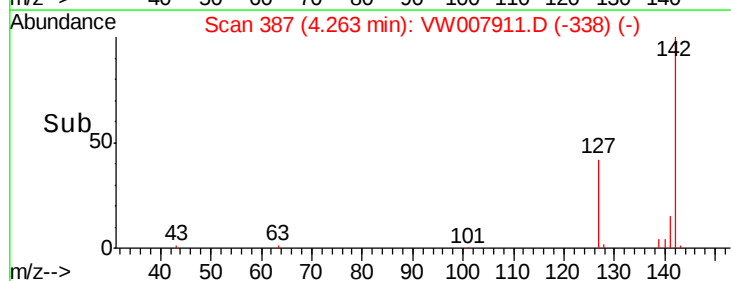
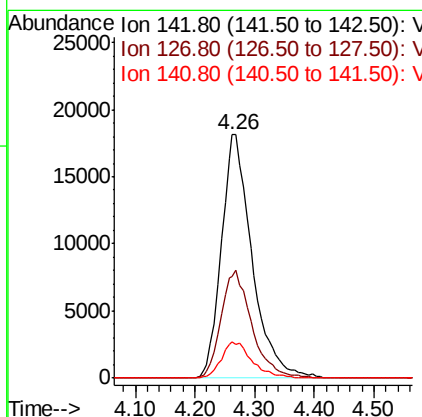
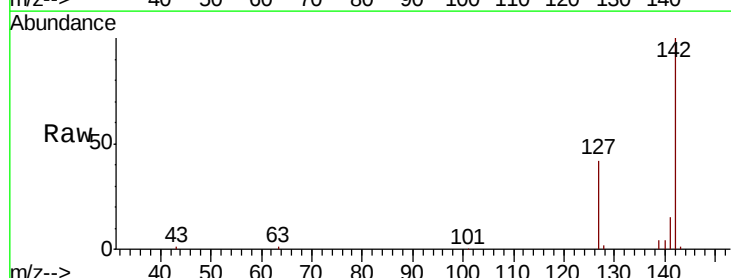
RT: 4.26 min Scan# 387

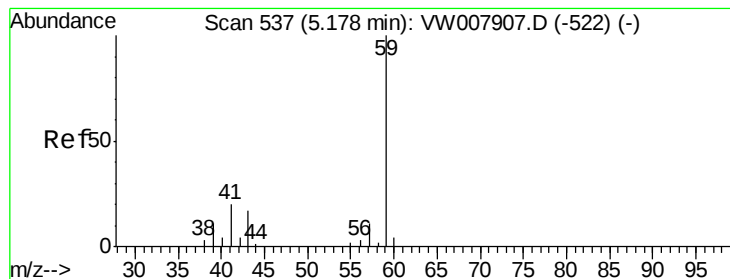
Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Tgt Ion:	142	Resp:	64771
Ion Ratio	Lower	Upper	
142	100		
127	44.4	36.2	54.4
141	14.8	11.6	17.4





#11

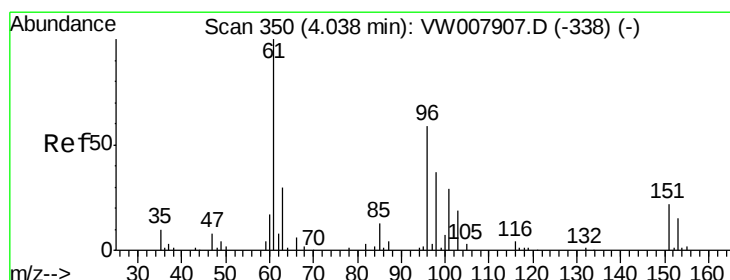
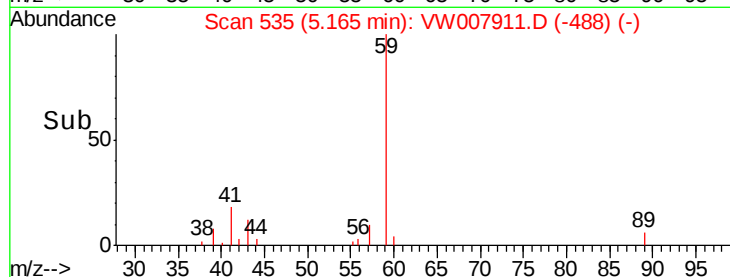
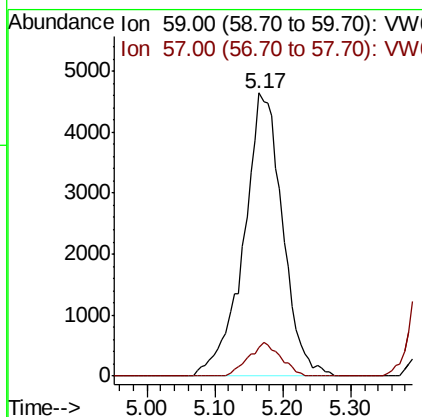
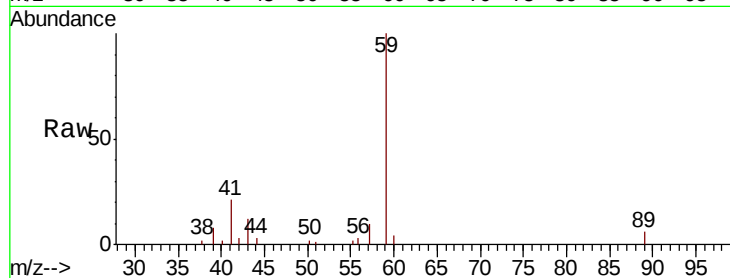
Tert butyl alcohol
 Concen: 288.807 ug/l
 RT: 5.17 min Scan# 535
 Delta R.T. -0.01 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122618

Tot Ion	59	57	Ratio	Lower	Upper
18474	100	9.9		7.8	11.6

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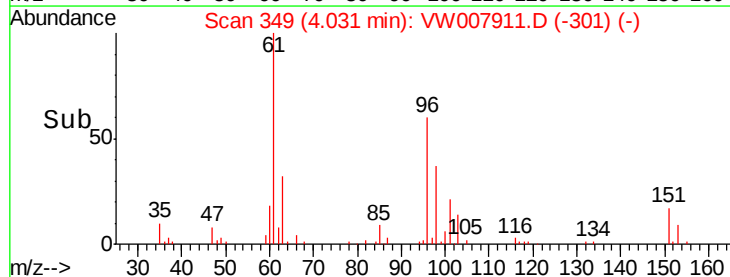
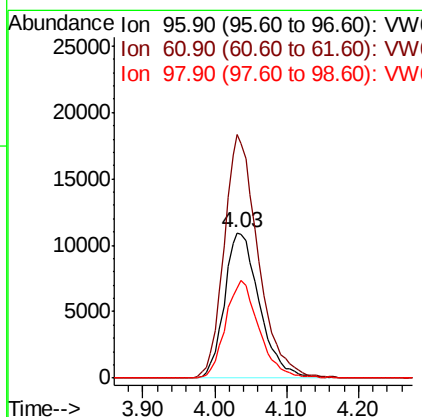
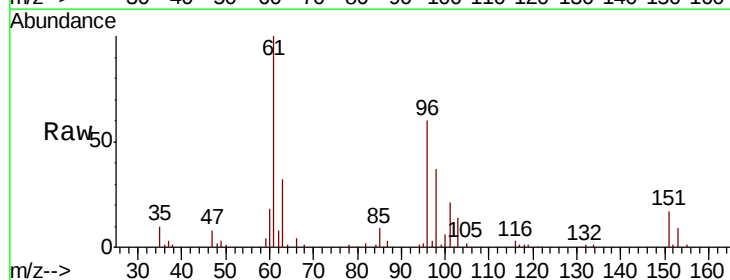
apatel
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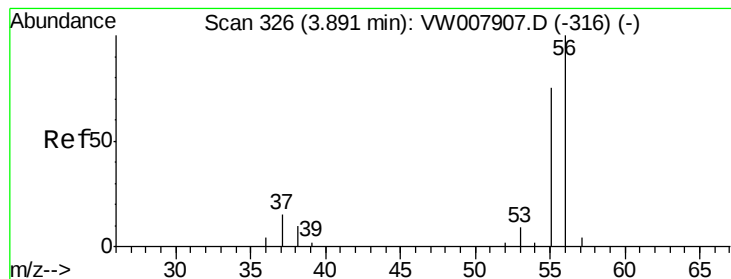


#12

1,1-Dichloroethene
 Concen: 49.490 ug/l
 RT: 4.03 min Scan# 349
 Delta R.T. -0.01 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion	96	61	98	Ratio	Lower	Upper
36905	100	167.1	61.9		134.5	201.7
					50.2	75.2





#13

Acrolein

Concen: 246.271 ug/l

RT: 3.88 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW122618

Tot Ion: 56 Resp: 8528

Ion Ratio Lower Upper

56 100

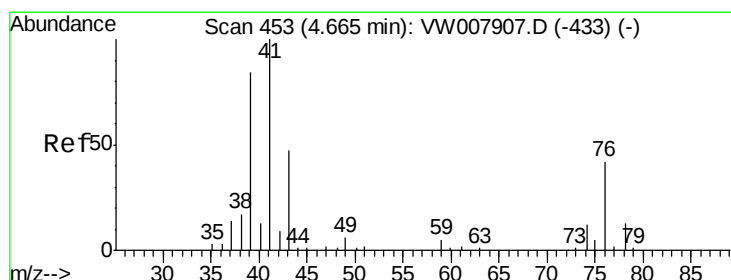
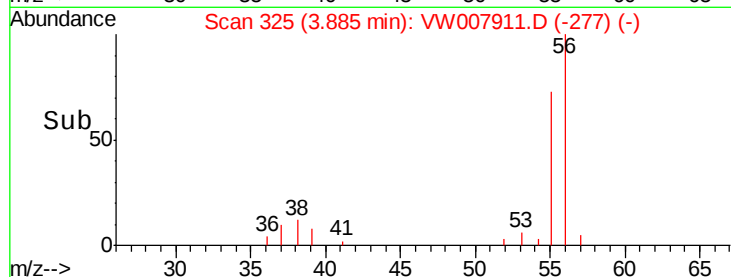
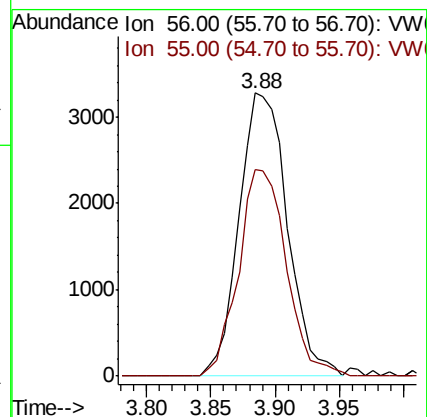
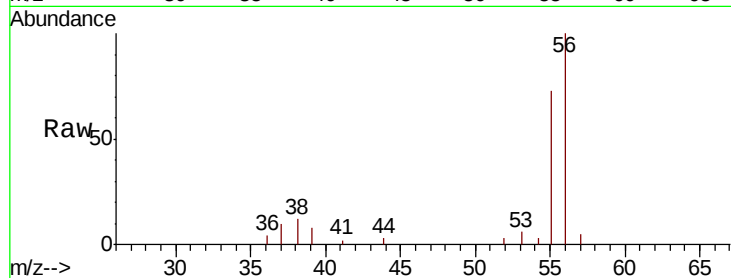
55 72.2 57.0 85.6

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#14

Allyl chloride

Concen: 51.155 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

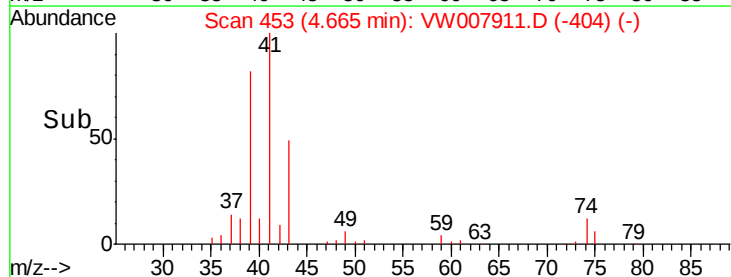
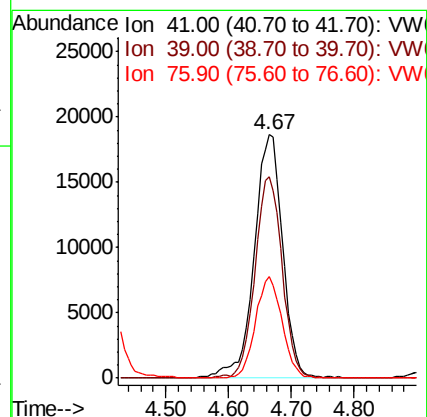
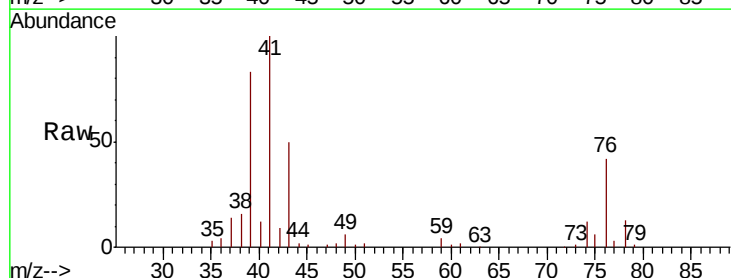
Tgt Ion: 41 Resp: 58406

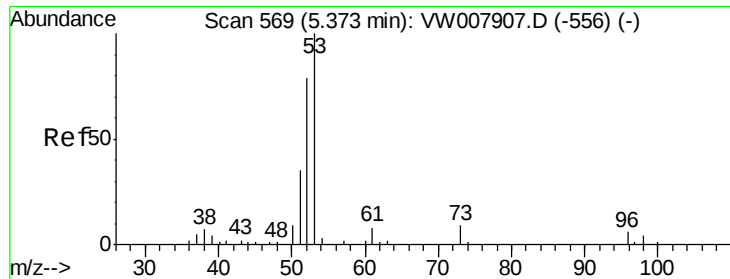
Ion Ratio Lower Upper

41 100

39 79.2 62.6 93.8

76 38.9 31.1 46.7





#15

Acrylonitrile

Concen: 254.613 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

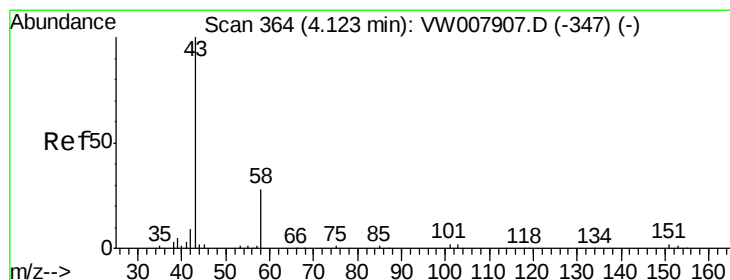
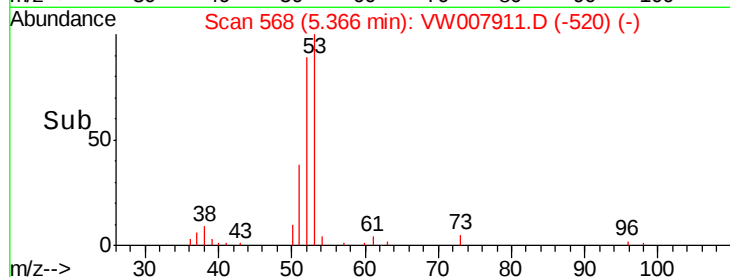
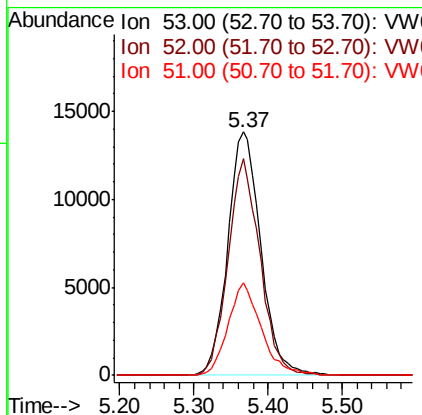
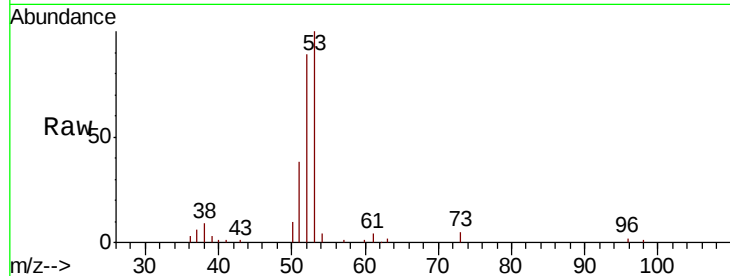
ClientSampleId :

ICVW122618

Tot Ion:	53	Resp:	42999
Ion	Ratio	Lower	Upper
53	100		
52	85.7	65.2	97.8
51	38.1	30.6	45.8

Manual Integrations
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#16

Acetone

Concen: 251.614 ug/l

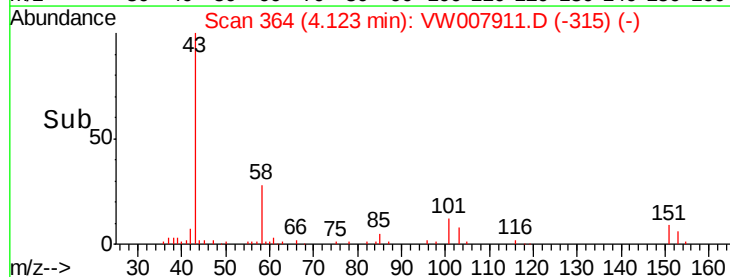
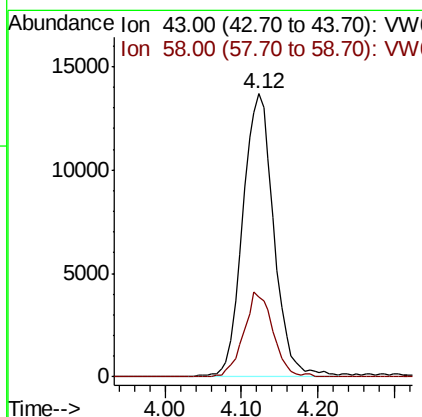
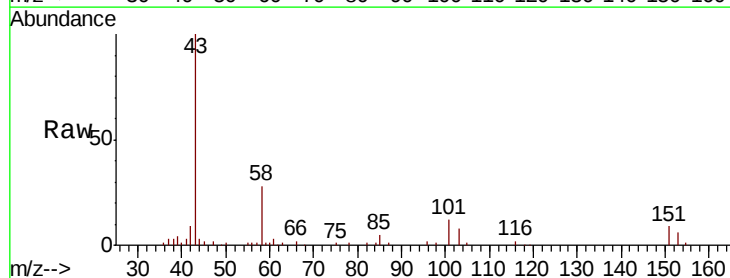
RT: 4.12 min Scan# 364

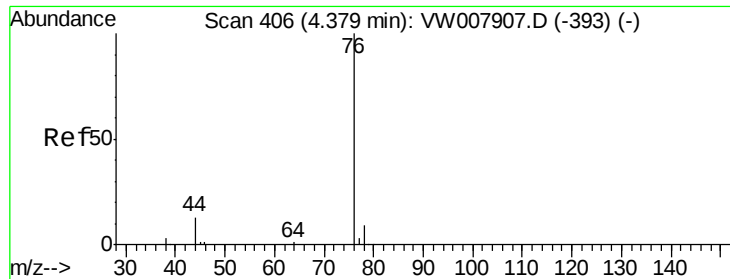
Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Tgt Ion:	43	Resp:	38750
Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.8	34.2





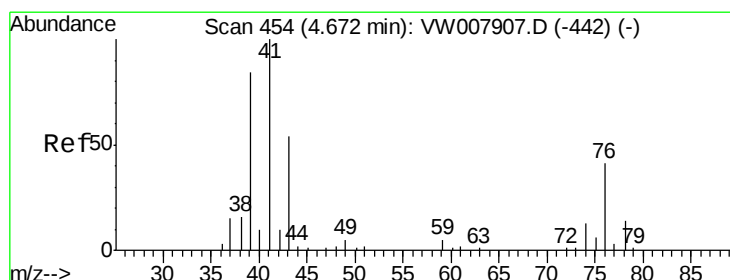
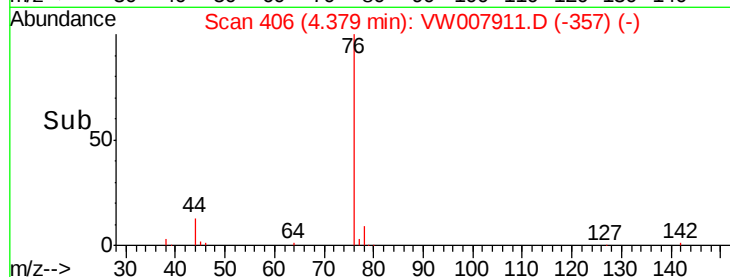
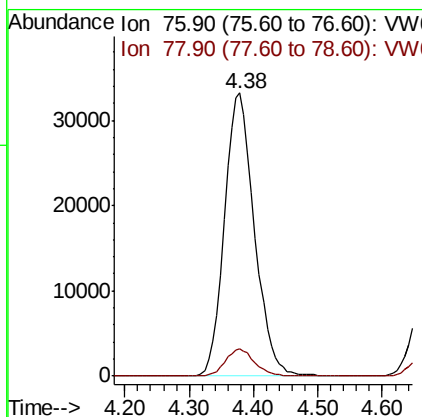
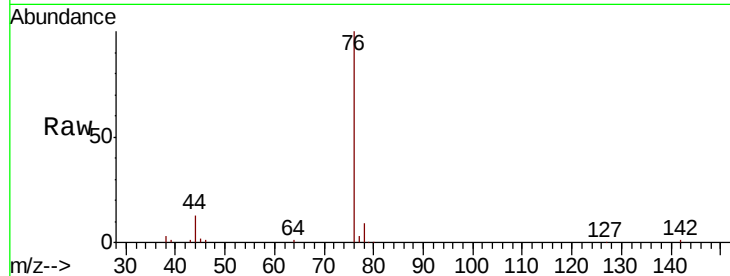
#17
Carbon Disulfide
Concen: 51.278 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.5	7.5	11.3

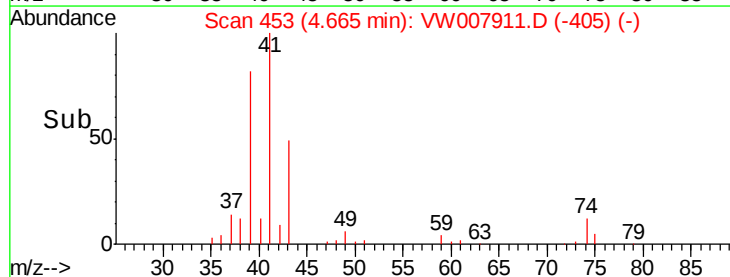
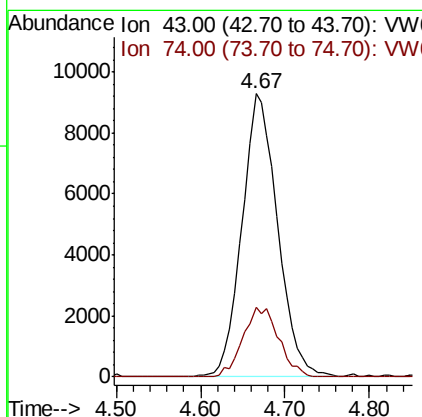
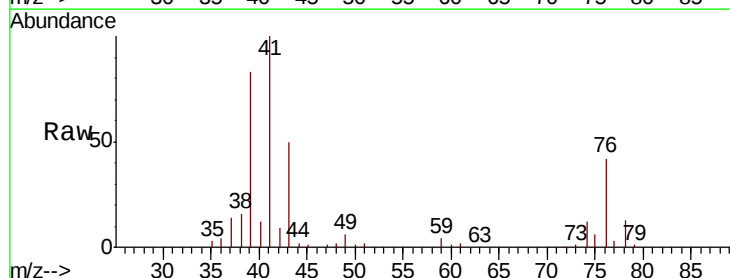
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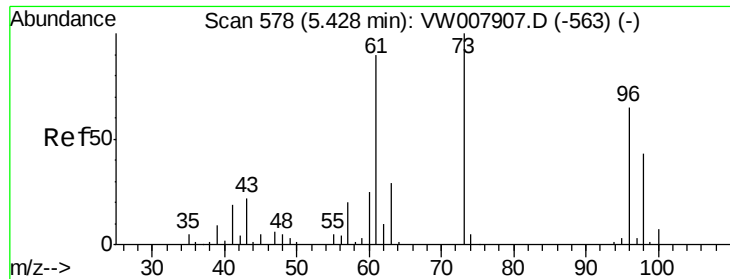
apatel
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#18
Methyl Acetate
Concen: 53.784 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.6	20.4	30.6





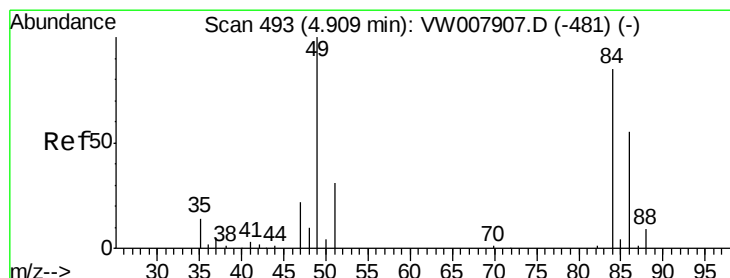
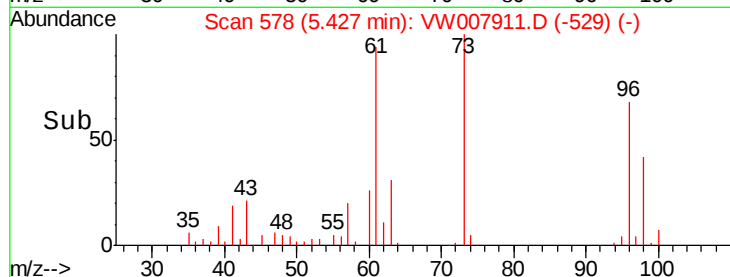
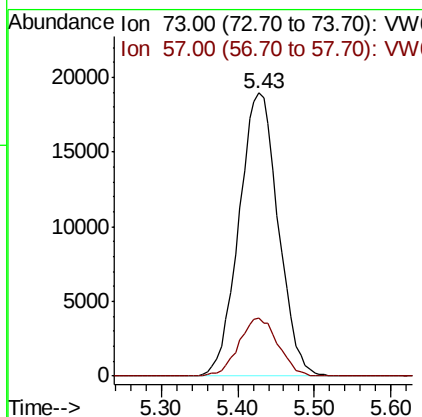
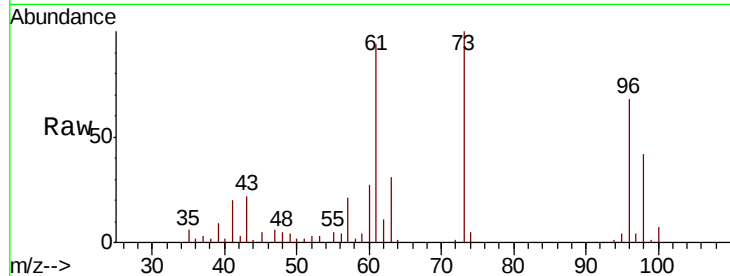
#19
Methvl tert-butvl Ether
Concen: 51.873 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion: 73 Resp: 67571
Ion Ratio Lower Upper
73 100
57 20.5 15.8 23.8

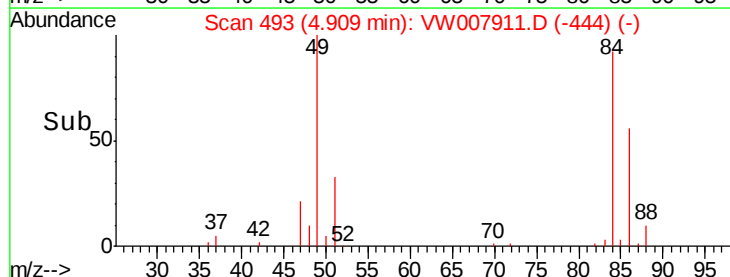
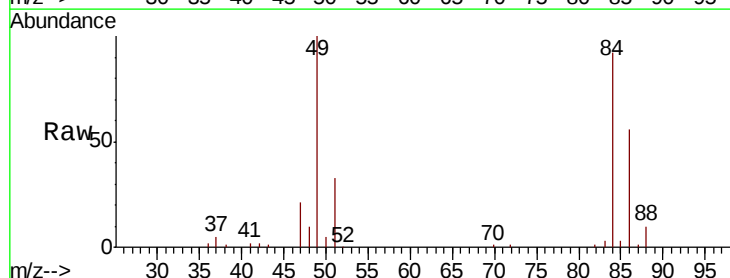
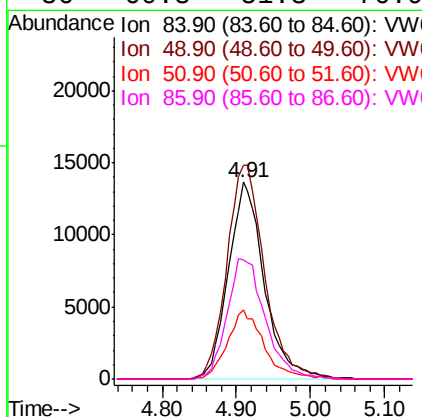
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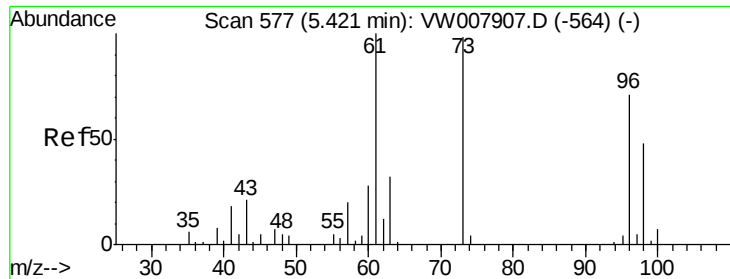
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#20
Methylene Chloride
Concen: 48.995 ug/l
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion: 84 Resp: 45921
Ion Ratio Lower Upper
84 100
49 108.5 94.0 141.0
51 35.3 28.7 43.1
86 60.8 51.3 76.9





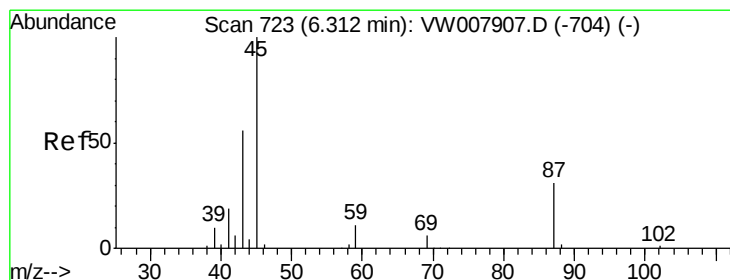
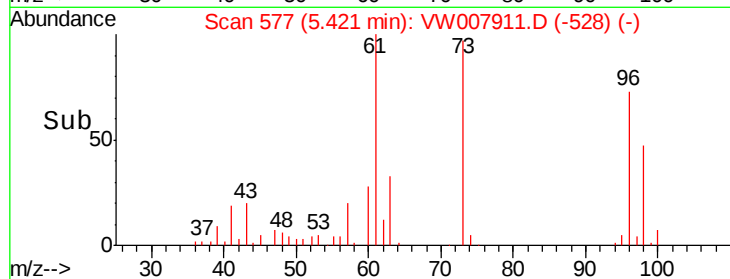
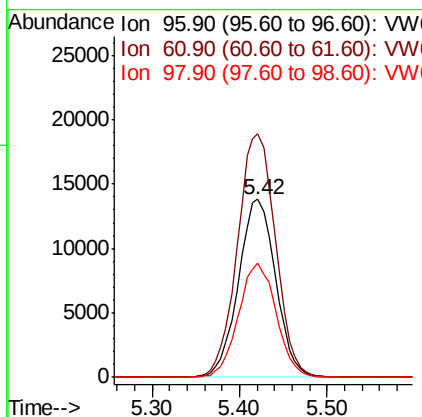
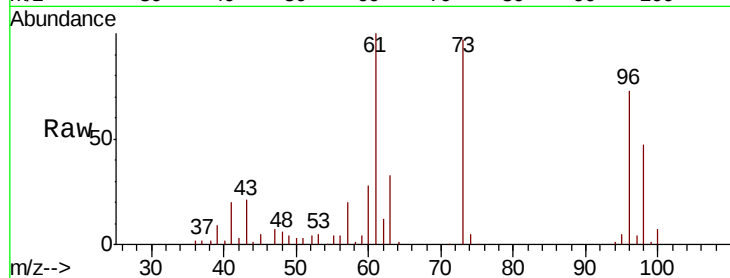
#21
trans-1,2-Dichloroethene
Concen: 49.624 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion	Ratio	Lower	Upper
96	100		
61	136.7	112.0	168.0
98	64.5	53.2	79.8

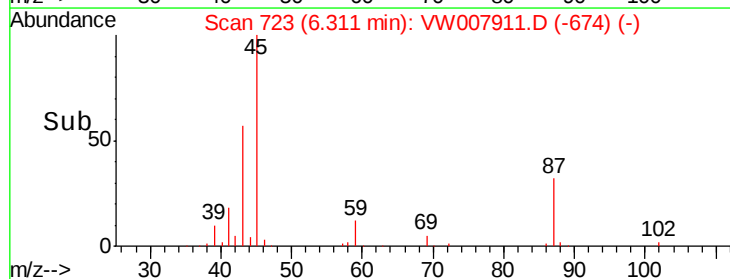
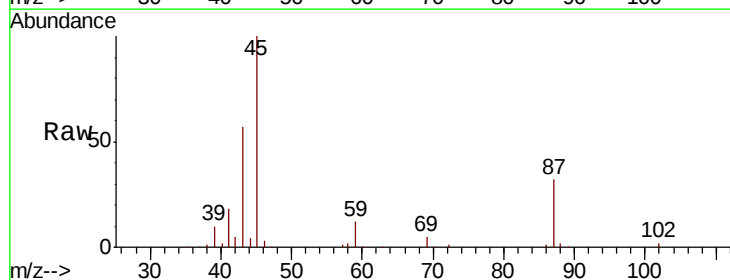
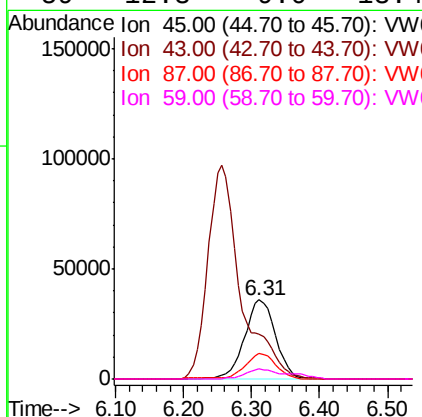
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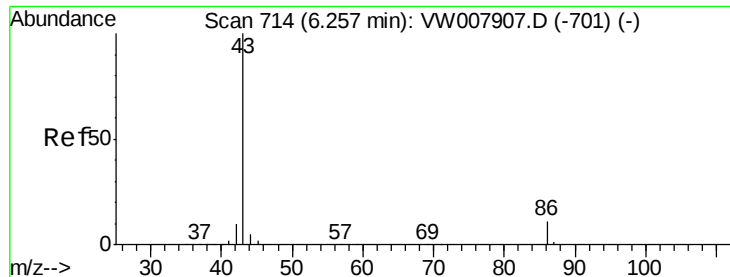
apatel
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#22
Diisopropyl ether
Concen: 50.397 ug/l
RT: 6.31 min Scan# 723
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
45	100		
43	56.6	45.0	67.4
87	31.8	25.5	38.3
59	12.3	9.0	13.4





#23

Vinyl Acetate

Concen: 258.354 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW122618

Tot Ion: 43 Resp: 326608

Ion Ratio Lower Upper

43 100

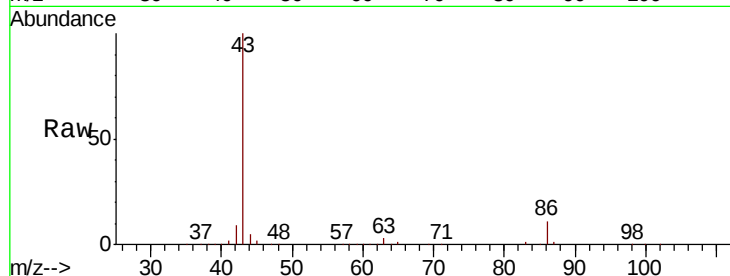
86 10.8 9.1 13.7

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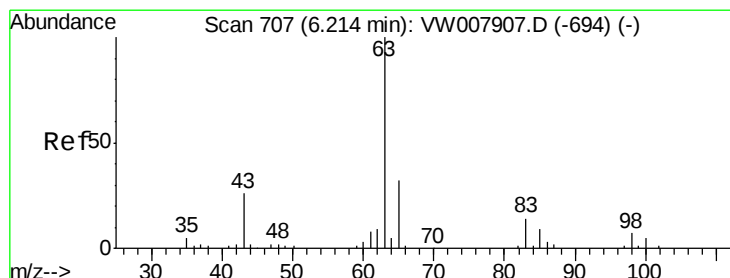
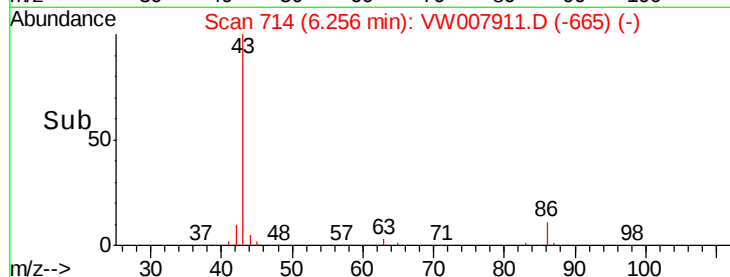
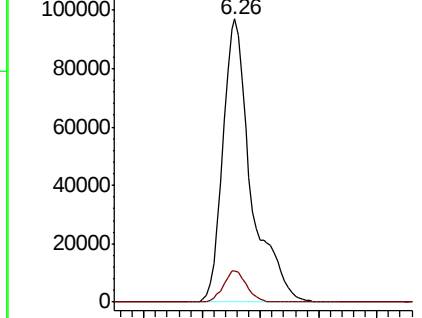
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 86.00 (85.70 to 86.70): VW



#24

1,1-Dichloroethane

Concen: 50.430 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

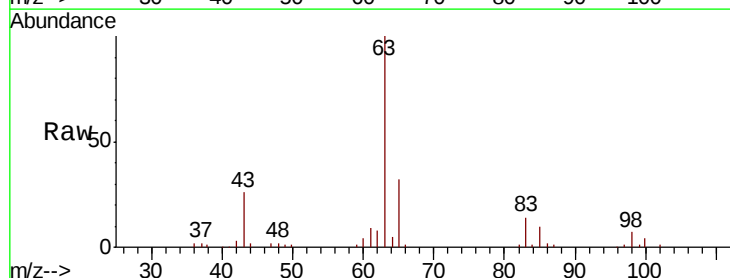
Tgt Ion: 63 Resp: 74106

Ion Ratio Lower Upper

63 100

98 6.8 3.5 10.5

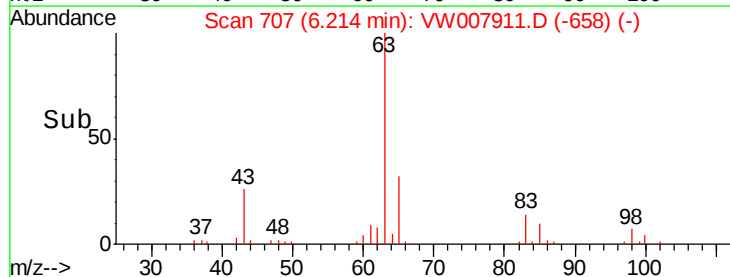
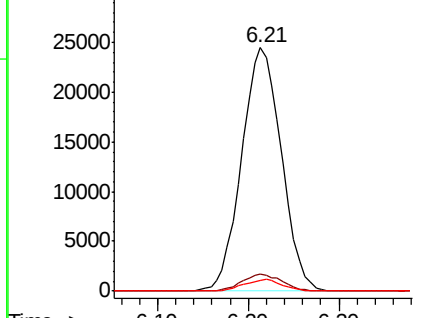
100 4.3 2.5 7.5

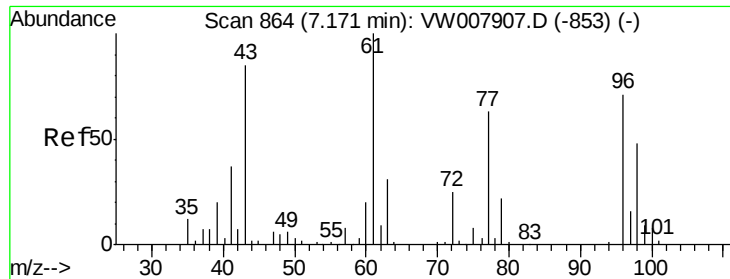


Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 97.90 (97.60 to 98.60): VW

Ion 99.90 (99.60 to 100.60): VW





#25

2-Butanone

Concen: 252.353 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW122618

Tot Ion: 43 Resp: 53091

Ion Ratio Lower Upper

43 100

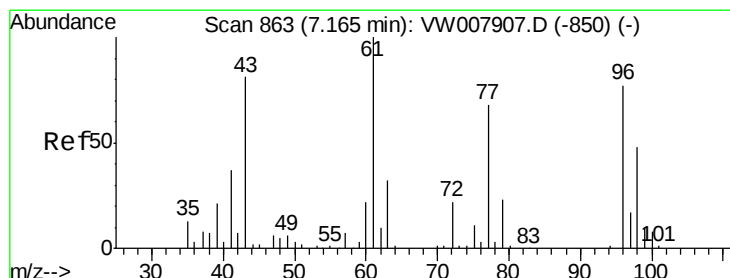
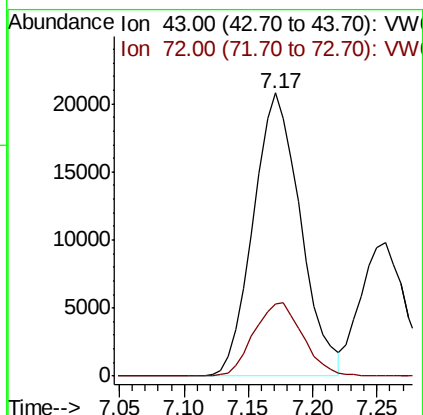
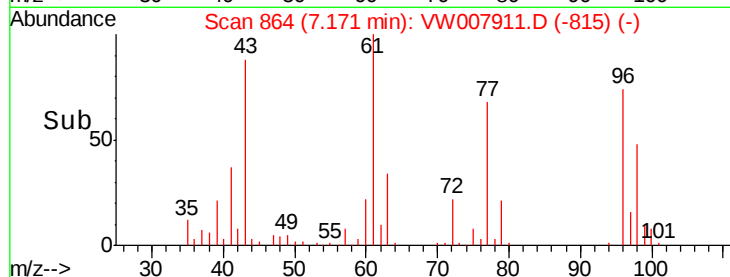
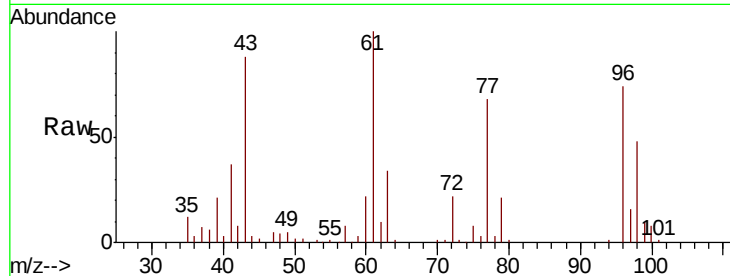
72 25.5 23.2 34.8

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#26

2,2-Dichloropropane

Concen: 50.112 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007911.D

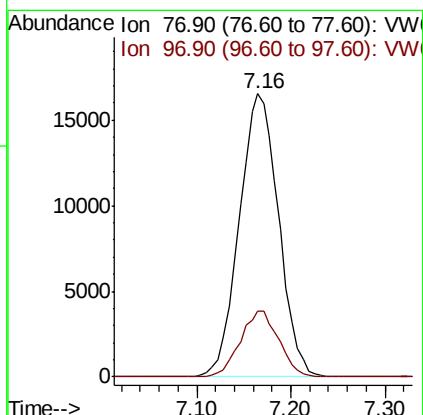
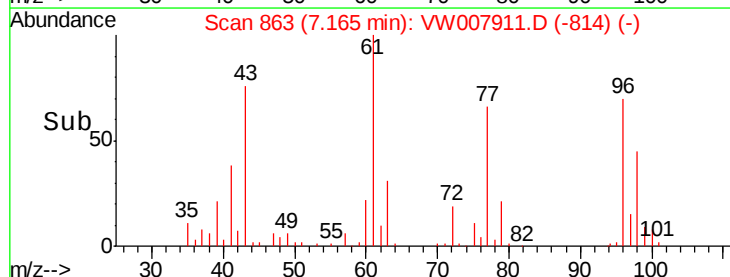
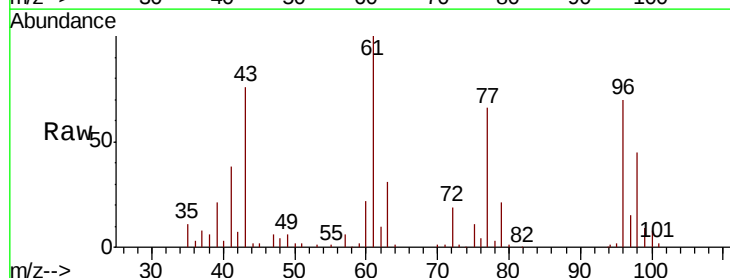
Acq: 25 Dec 2018 02:13

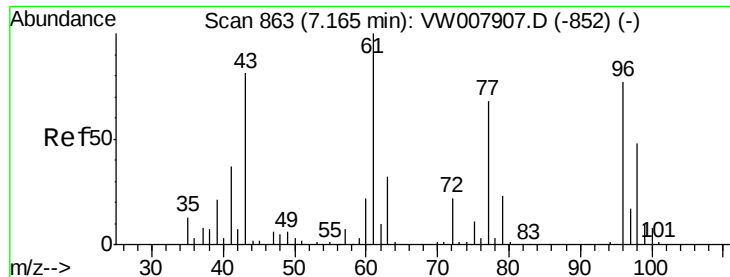
Tgt Ion: 77 Resp: 48227

Ion Ratio Lower Upper

77 100

97 22.6 11.5 34.4





#27

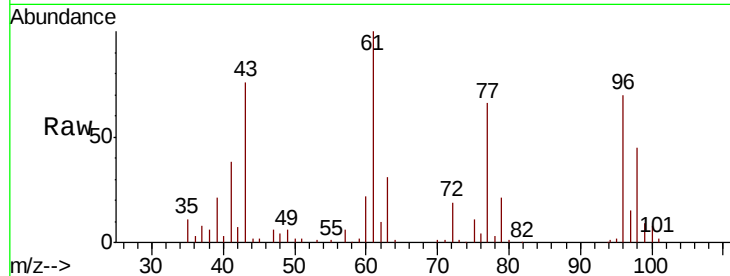
cis-1,2-Dichloroethene
Concen: 50.311 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

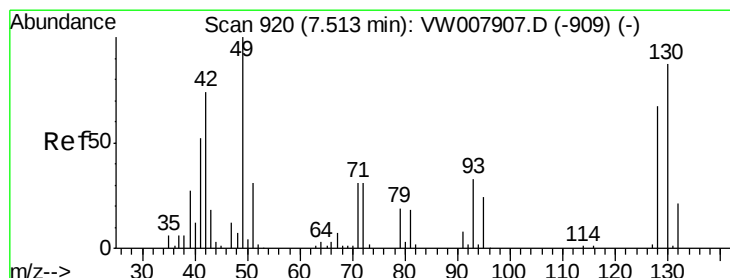
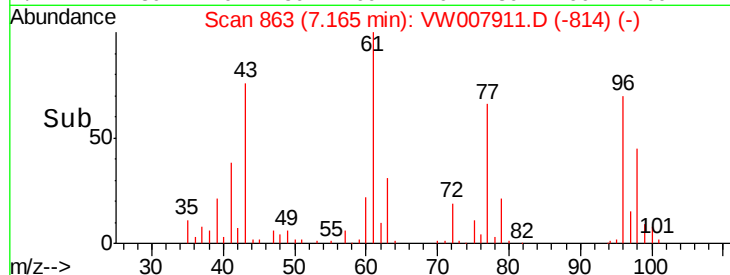
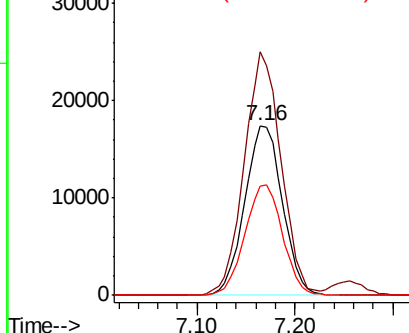
Tot Ion	Ratio	Lower	Upper
96	100		
61	140.1	0.0	279.4
98	64.9	0.0	126.8

Manual Integrations
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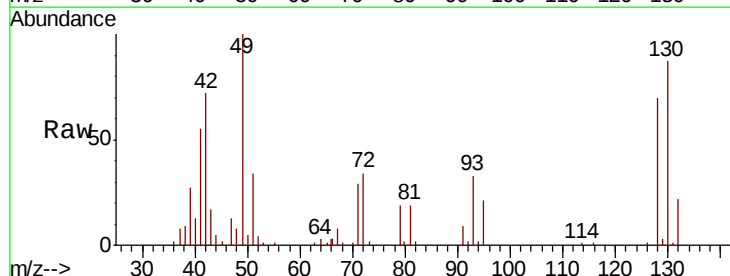
Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



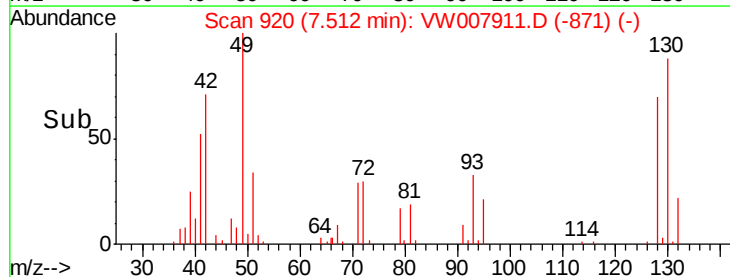
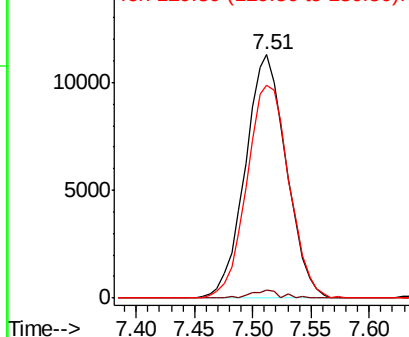
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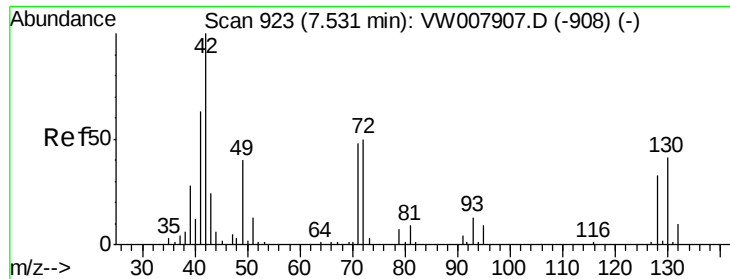
Bromochloromethane
Concen: 51.818 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	1.4#
130	90.0	70.7	106.1



Abundance Ion 48.90 (48.60 to 49.60): VW
Ion 128.80 (128.50 to 129.50): V
Ion 129.80 (129.50 to 130.50): V





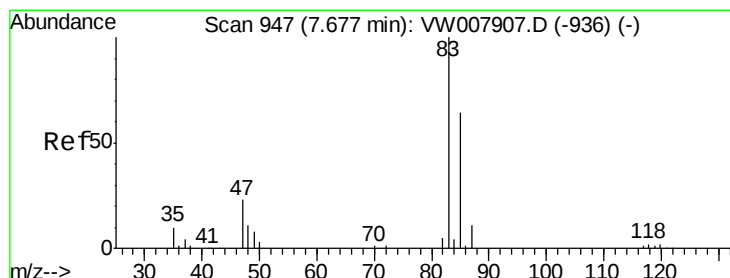
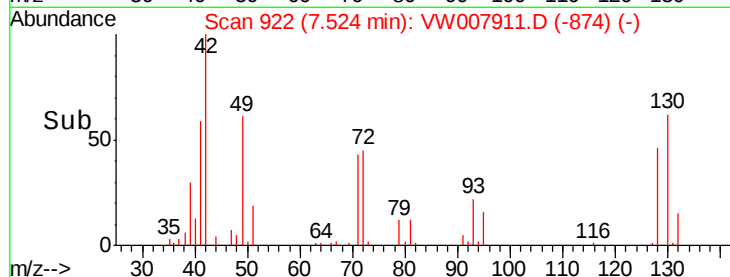
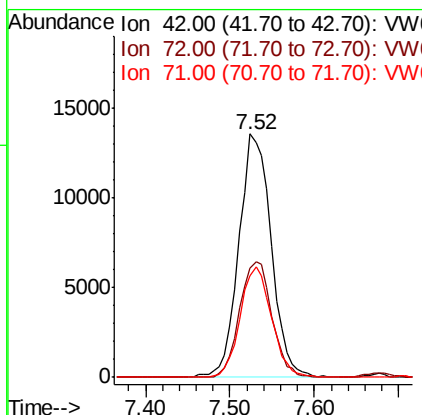
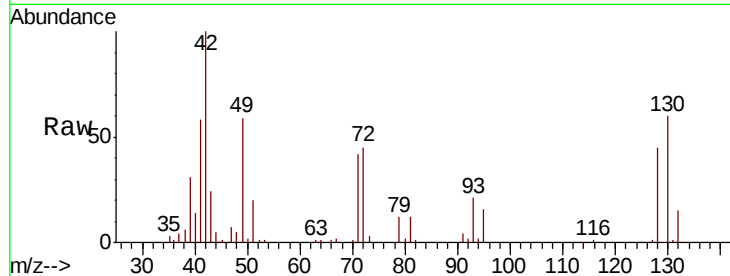
#29
Tetrahydrofuran
Concen: 257.861 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	37.8	56.8
71	44.0	35.8	53.6

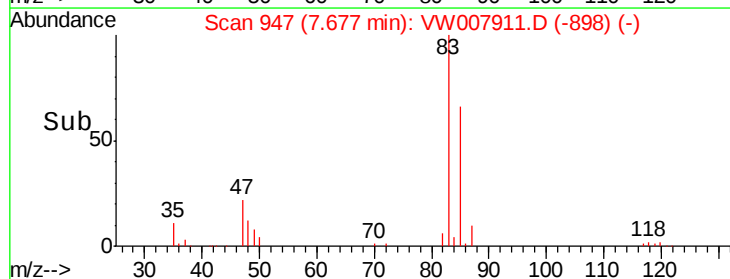
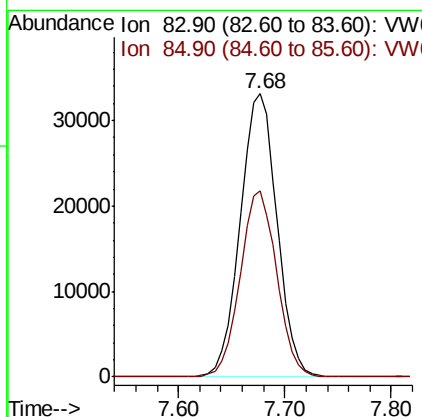
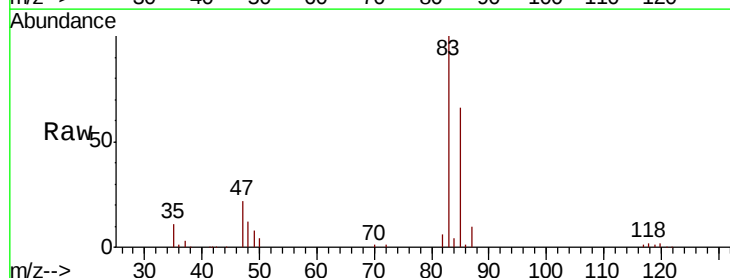
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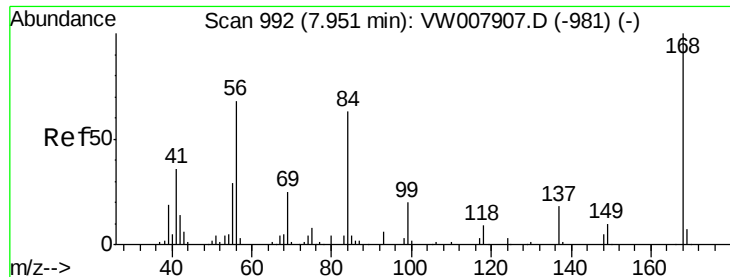
apatel
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#30
Chloroform
Concen: 50.365 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.7	51.3	76.9





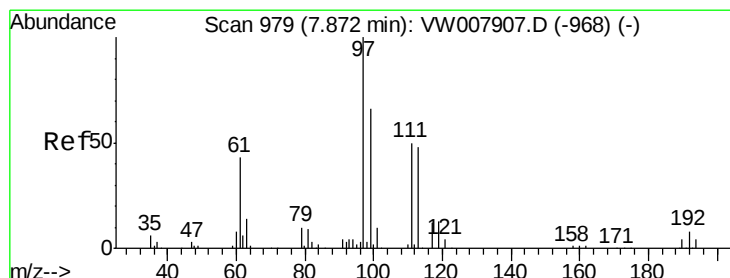
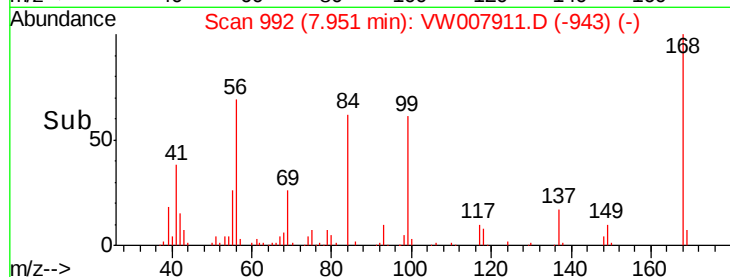
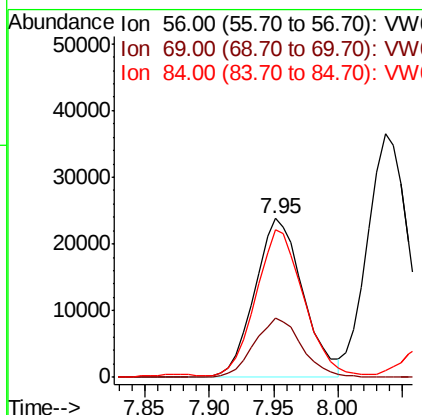
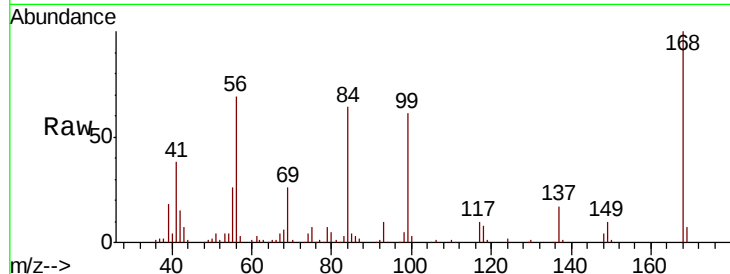
#31
Cyclohexane
Concen: 47.099 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion	Ratio	Lower	Upper
56	100		
69	37.5	29.9	44.9
84	91.2	74.5	111.7

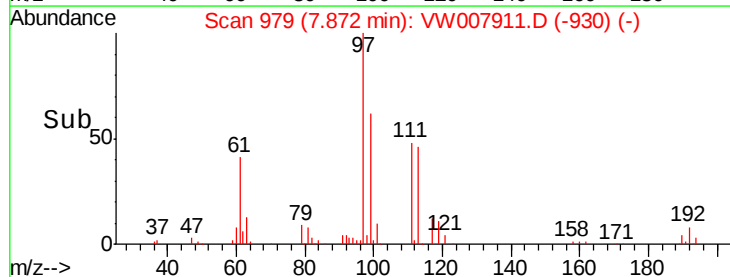
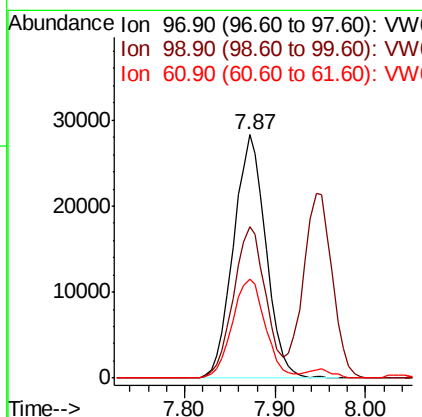
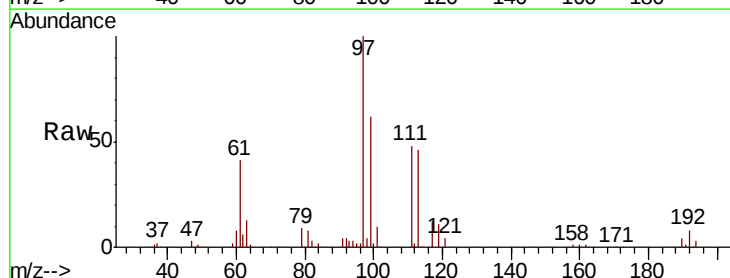
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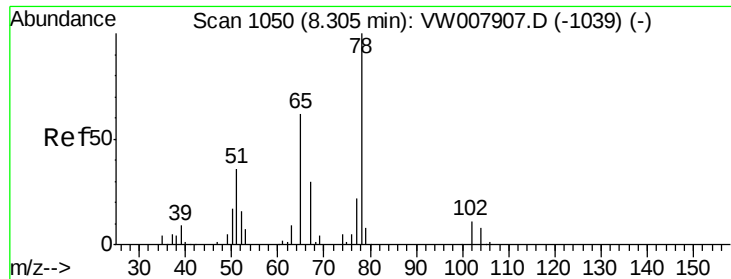
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#32
1,1,1-Trichloroethane
Concen: 51.493 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
97	100		
99	62.1	52.7	79.1
61	41.6	33.3	49.9





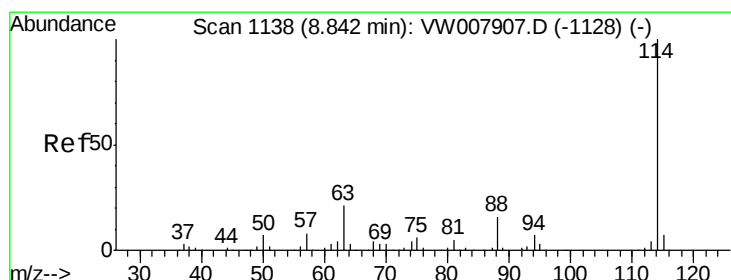
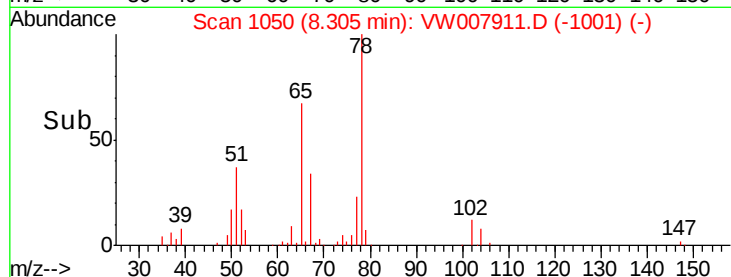
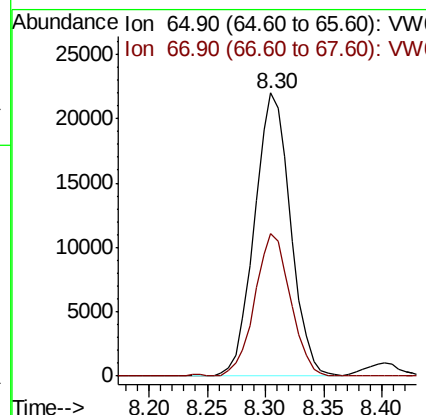
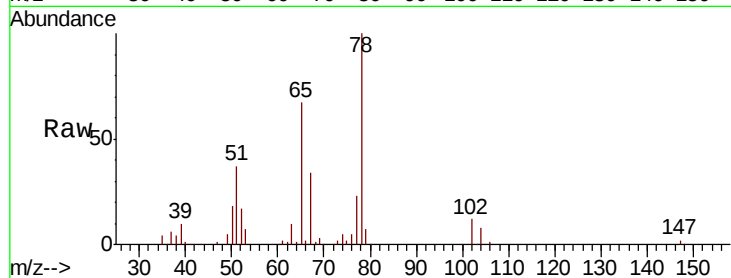
#33
 1,2-Dichloroethane-d4
 Concen: 53.431 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122618

Tot Ion	Ratio	Lower	Upper
65	100		
67	49.5	0.0	98.6

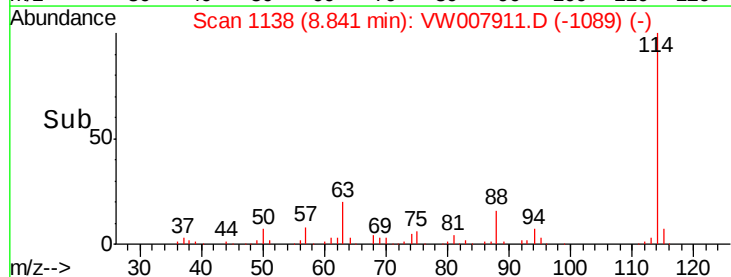
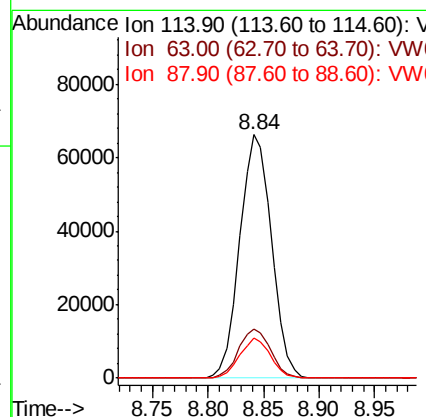
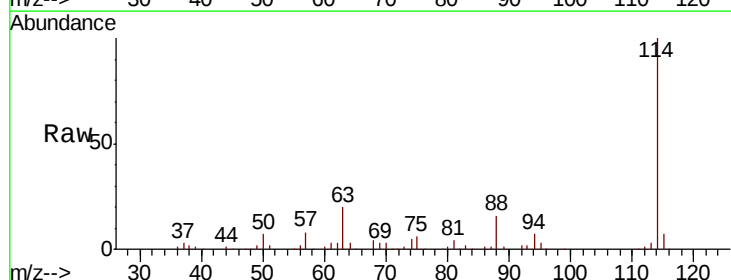
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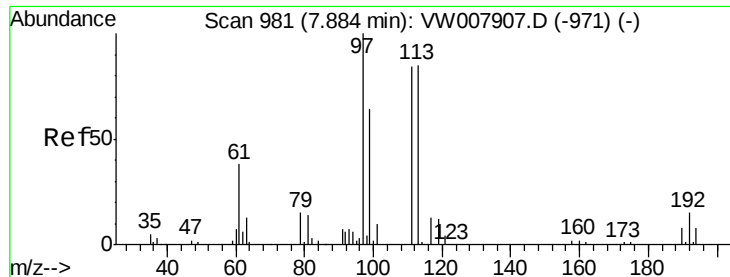
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
114	100		
63	20.1	0.0	41.4
88	16.2	0.0	32.4





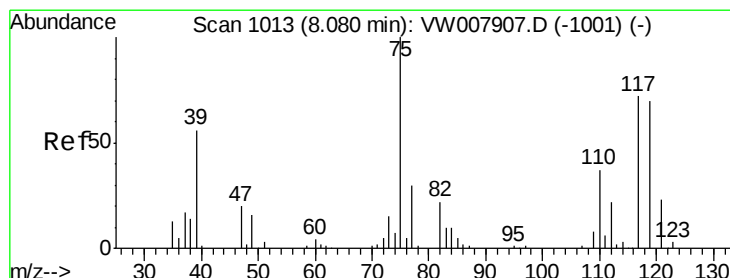
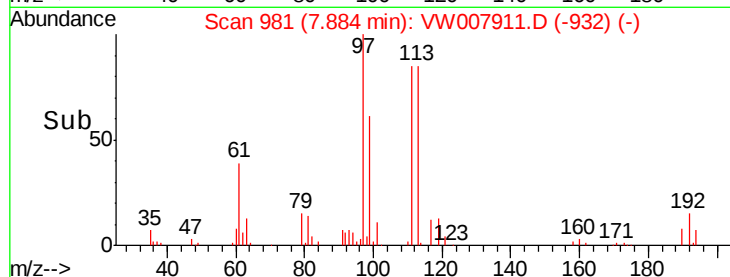
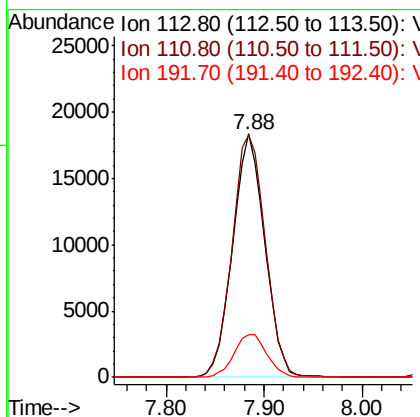
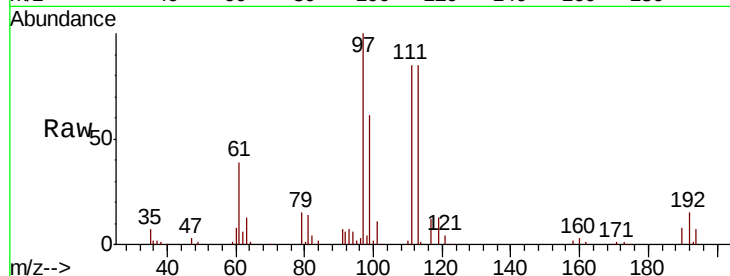
#35
 Dibromofluoromethane
 Concen: 52.880 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122618

Tot Ion	Ratio	Lower	Upper
113	100		
111	103.7	81.9	122.9
192	18.3	14.9	22.3

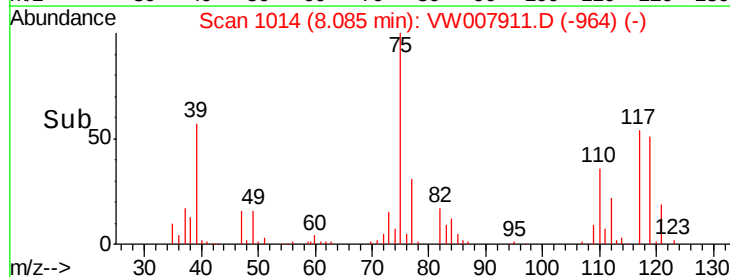
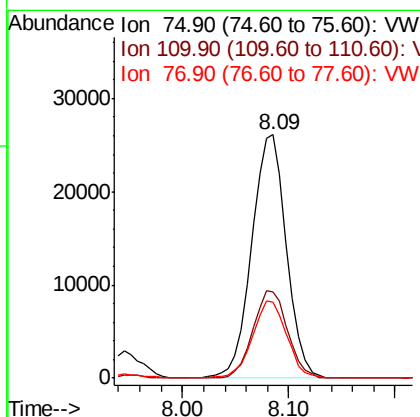
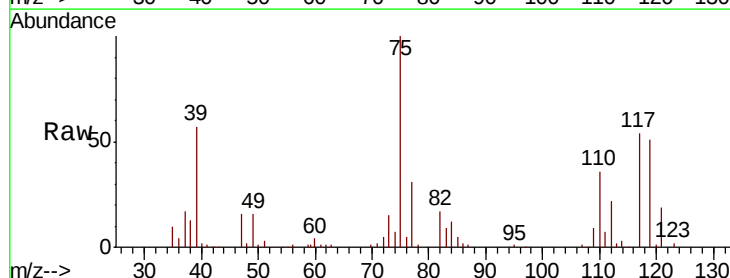
Manual Integrations
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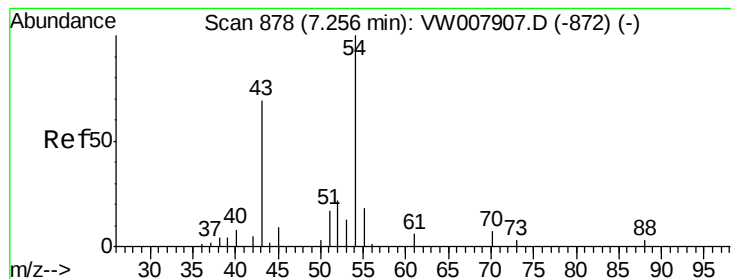
apatel
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#36
 1,1-Dichloropropene
 Concen: 50.119 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.01 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.0	18.2	54.6
77	31.4	25.0	37.4





#37

Ethyl Acetate

Concen: 51.104 ug/l

RT: 7.26 min Scan# 878

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

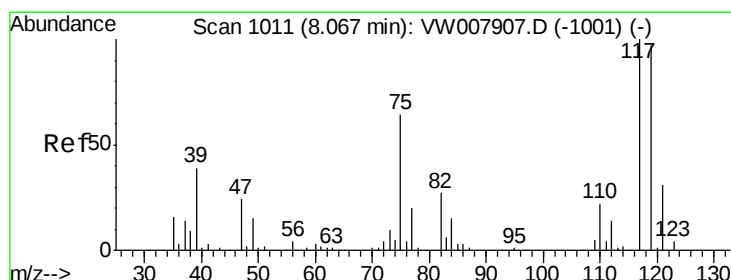
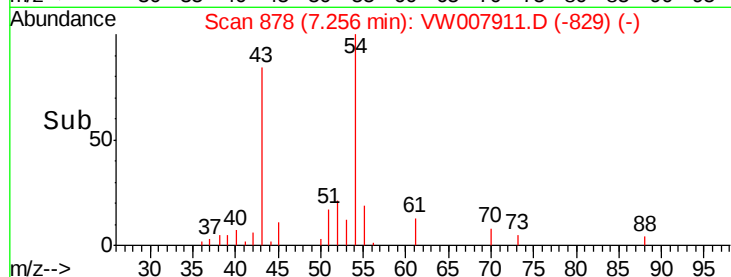
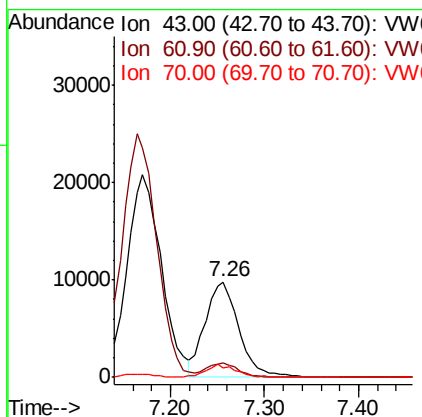
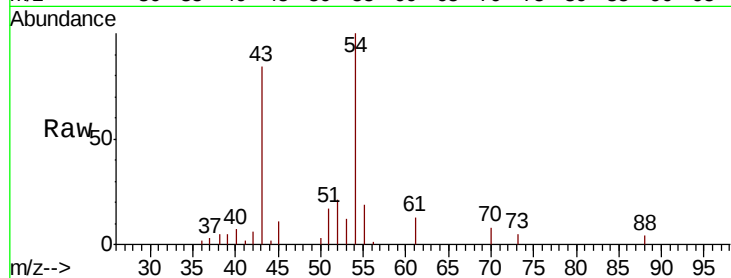
ClientSampleId :

ICVW122618

Tot Ion:	43	Resp:	24514
Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	16.0
70	12.0	9.0	13.4

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#38

Carbon Tetrachloride

Concen: 51.928 ug/l

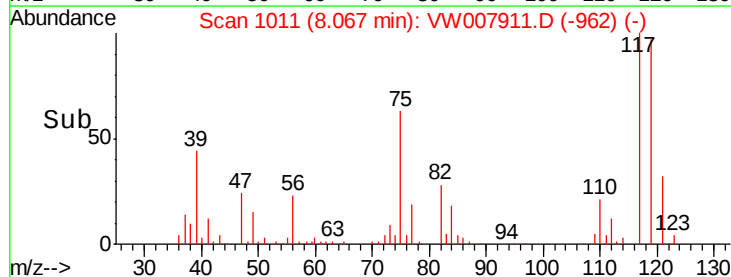
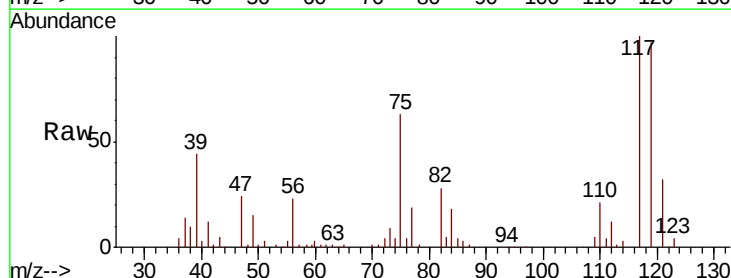
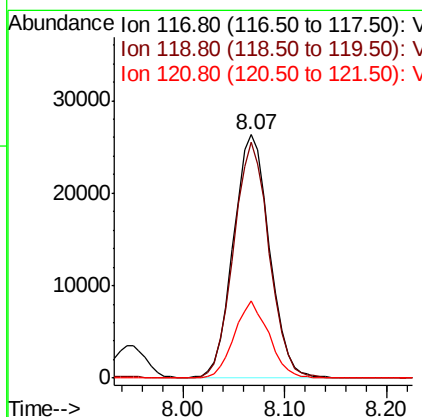
RT: 8.07 min Scan# 1011

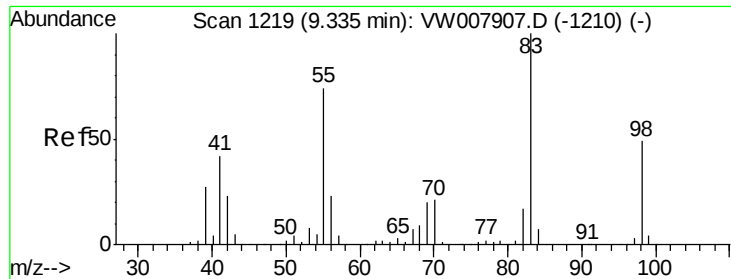
Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Tgt Ion:	117	Resp:	64651
Ion	Ratio	Lower	Upper
117	100		
119	96.9	77.3	115.9
121	31.8	24.5	36.7





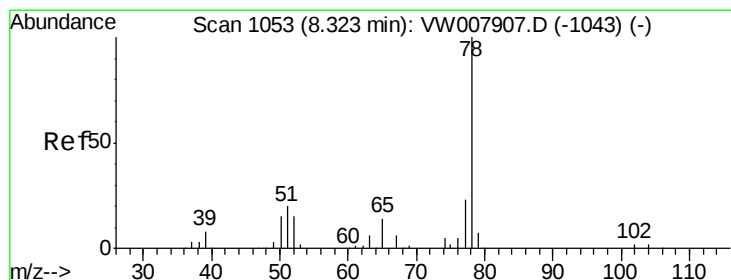
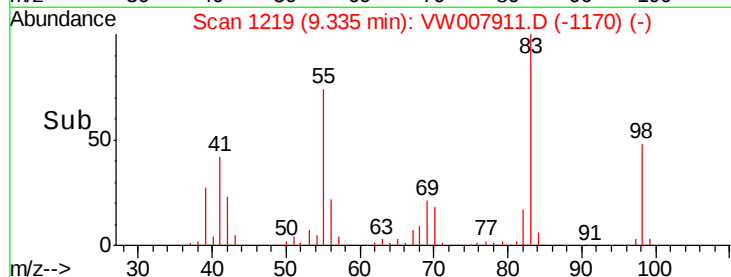
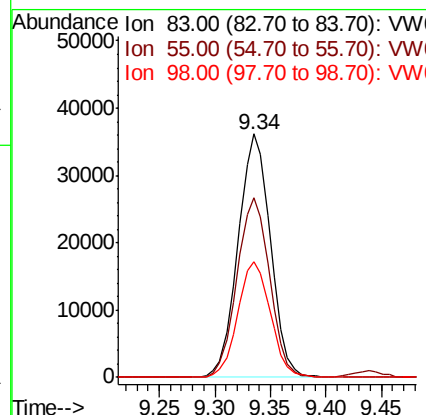
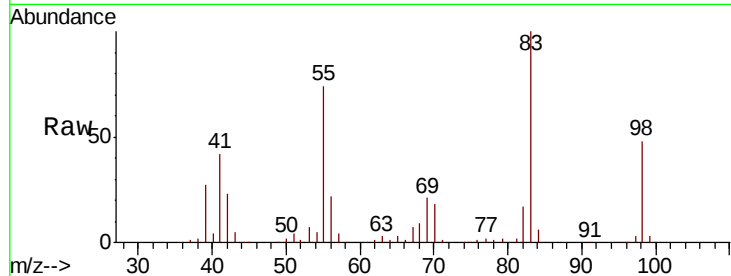
#39
Methvlcvclohexane
Concen: 49.883 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.7	59.1	88.7
98	47.6	39.2	58.8

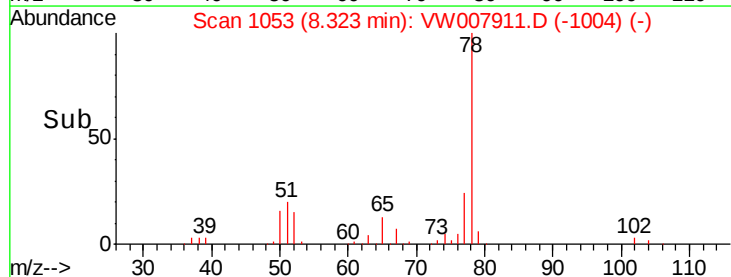
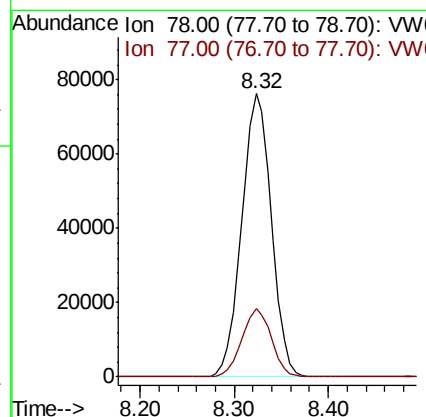
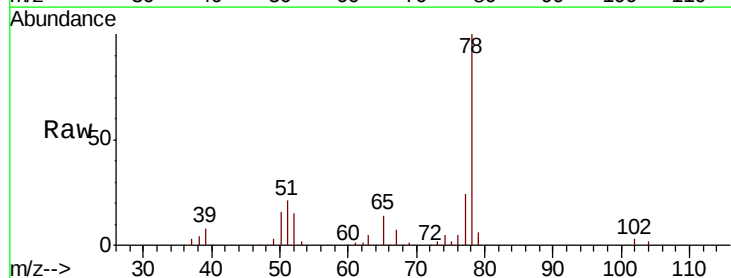
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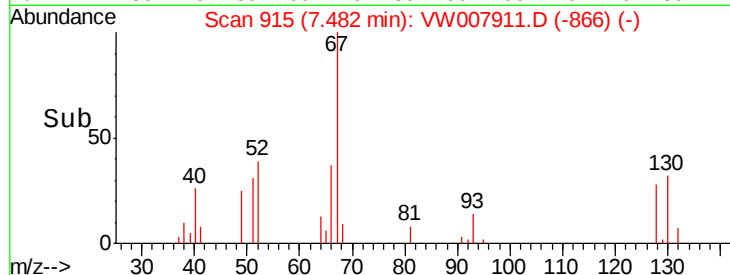
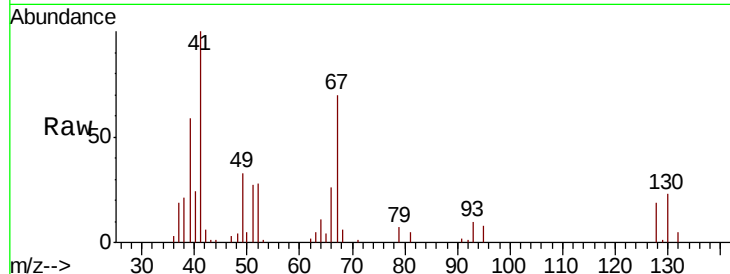
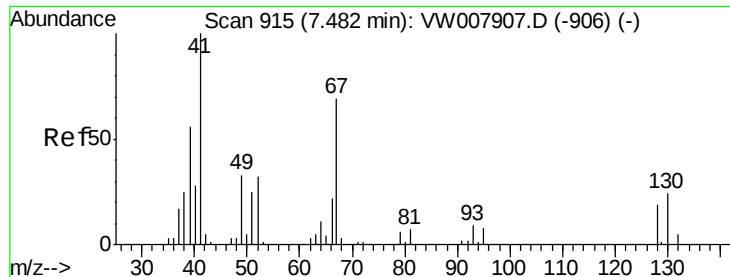
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#40
Benzene
Concen: 50.367 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
78	100		
77	24.2	18.6	28.0





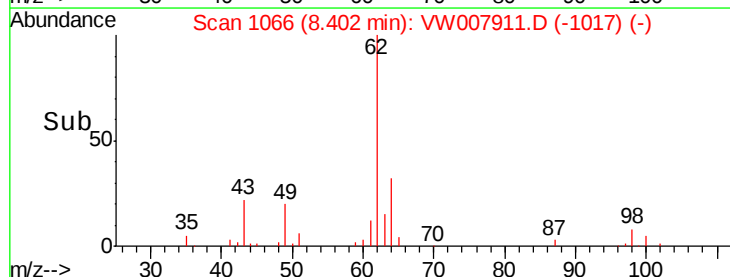
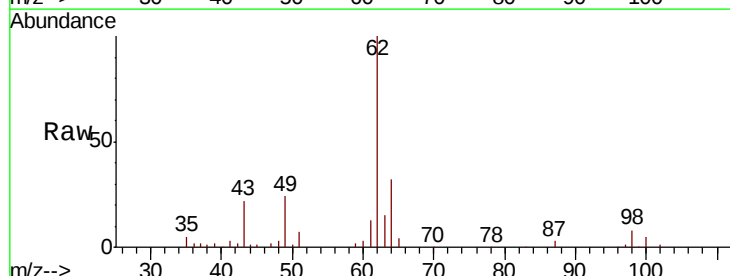
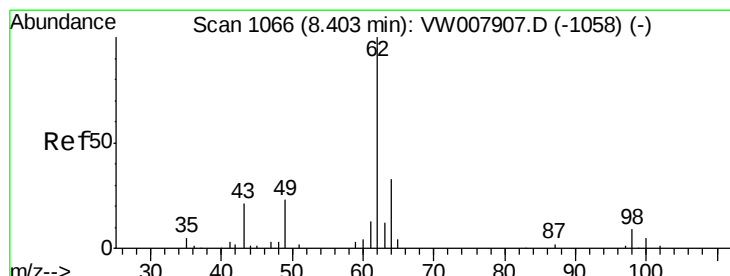
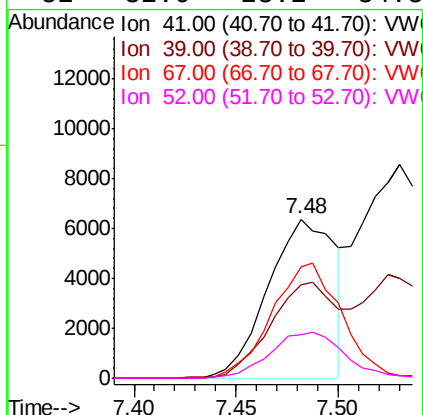
#41
Methacrylonitrile
Concen: 49.323 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tot Ion:	41	Resp:	14530
Ion	Ratio	Lower	Upper
41	100		
39	58.1	45.0	67.4
67	75.5	53.9	80.9
52	32.0	23.2	34.8

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

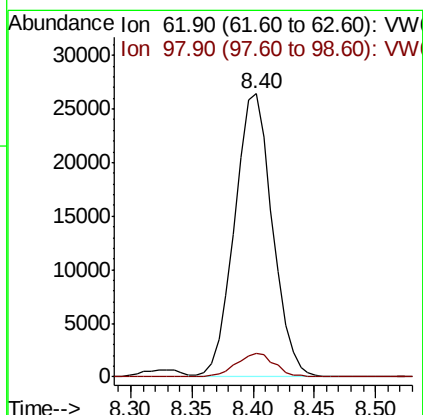
Manual Integrations
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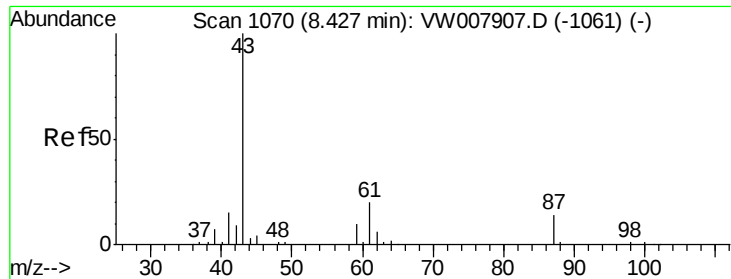
apatel
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#42
1,2-Dichloroethane
Concen: 51.133 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion:	62	Resp:	56847
Ion	Ratio	Lower	Upper
62	100		
98	8.4	0.0	17.0





#43

Isopropyl Acetate

Concen: 51.761 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

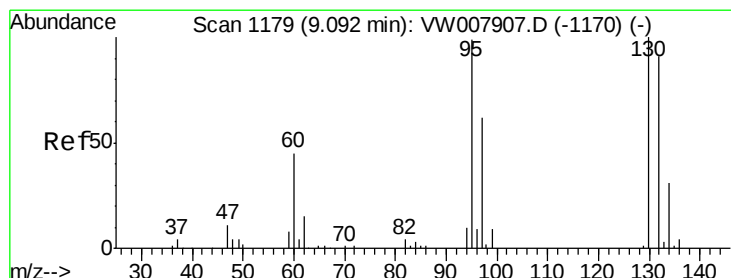
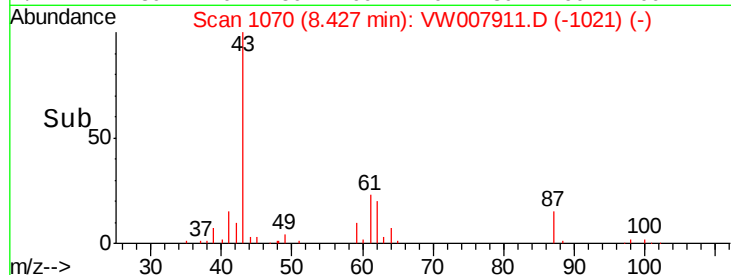
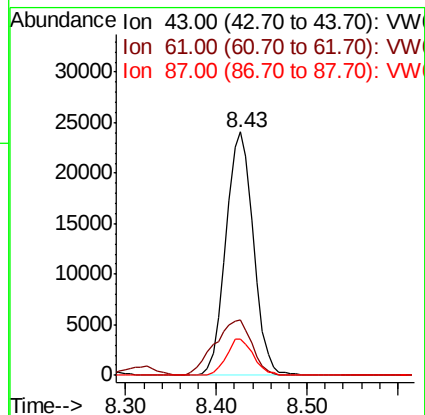
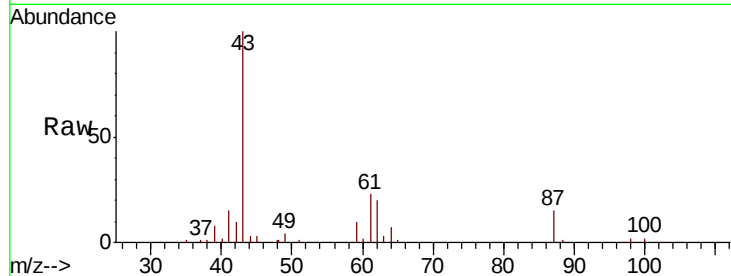
ClientSampleId :

ICVW122618

Tot Ion:	43	Resp:	50732
Ion	Ratio	Lower	Upper
43	100		
61	30.6	24.2	36.2
87	14.7	11.2	16.8

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#44

Trichloroethene

Concen: 51.433 ug/l

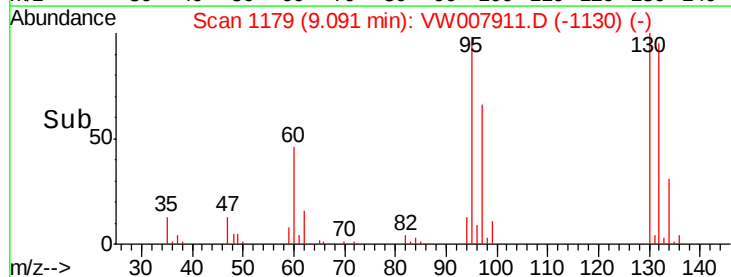
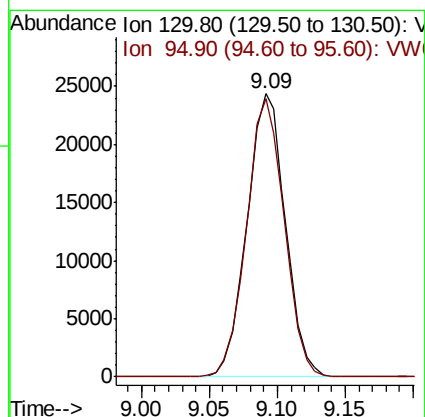
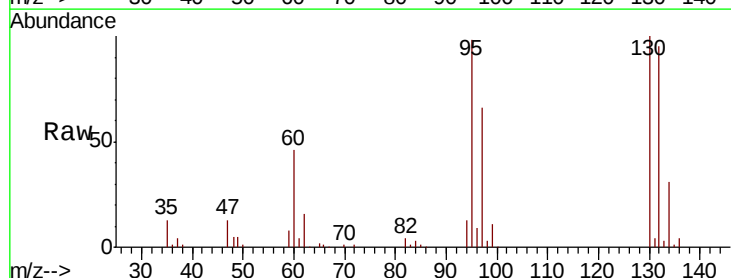
RT: 9.09 min Scan# 1179

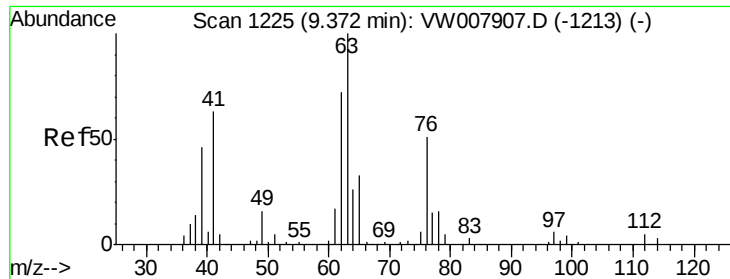
Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Tgt Ion:	130	Resp:	48129
Ion	Ratio	Lower	Upper
130	100		
95	98.5	0.0	197.4





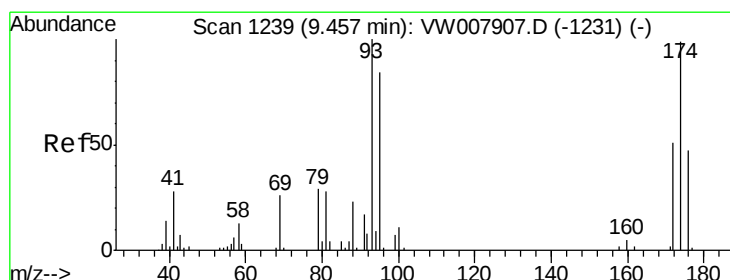
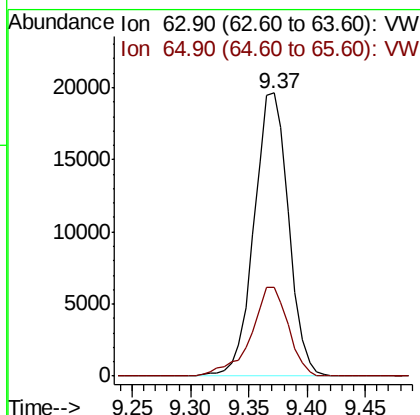
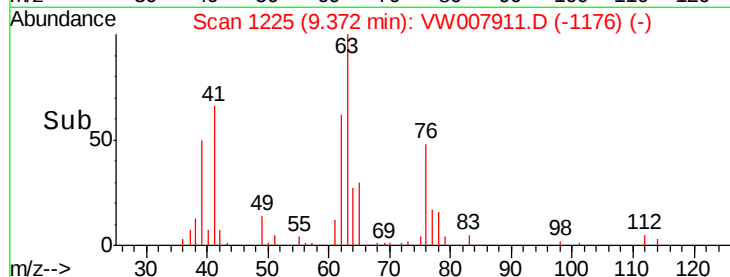
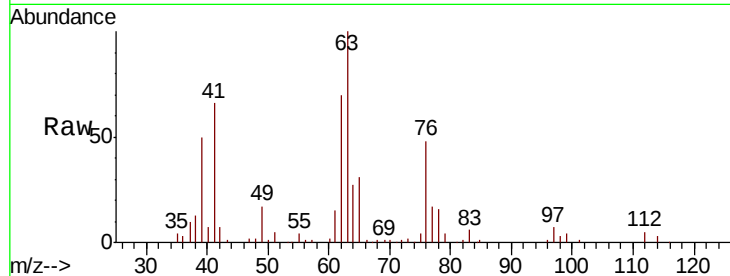
#45
 1,2-Dichloropropane
 Concen: 51.030 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVW122618

Tot Ion: 63 Resp: 40486
 Ion Ratio Lower Upper
 63 100
 65 31.2 26.4 39.6

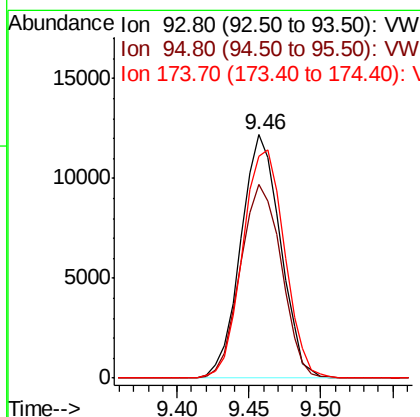
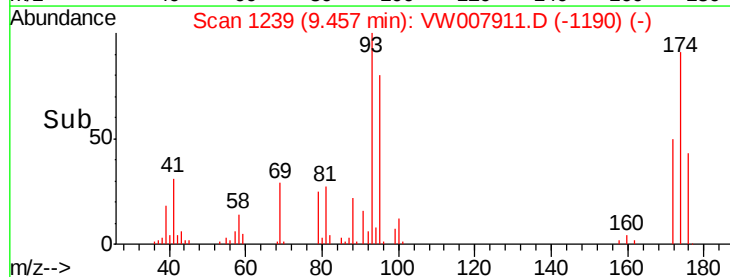
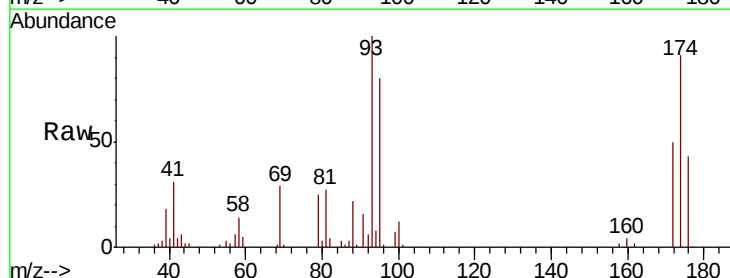
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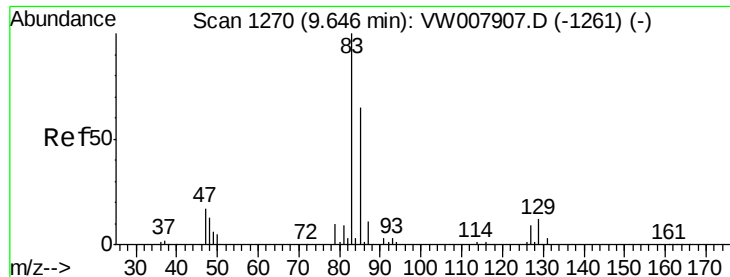
apatel
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#46
 Dibromomethane
 Concen: 51.088 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion: 93 Resp: 23242
 Ion Ratio Lower Upper
 93 100
 95 82.6 66.6 100.0
 174 99.3 81.0 121.4





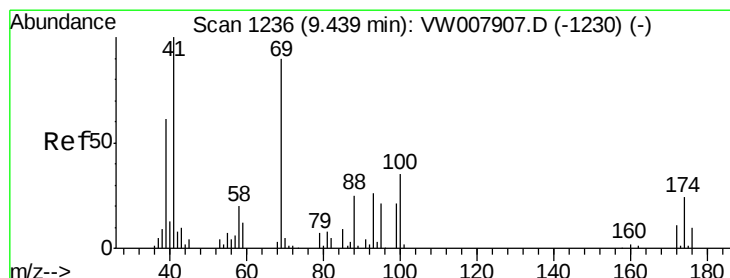
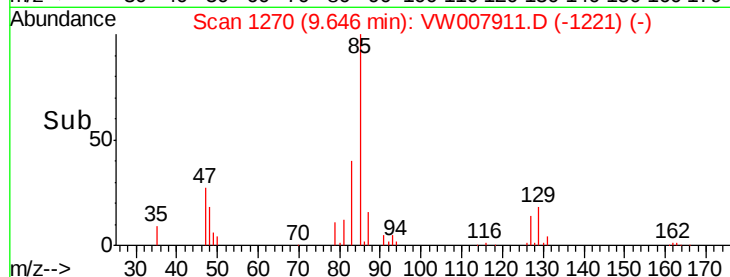
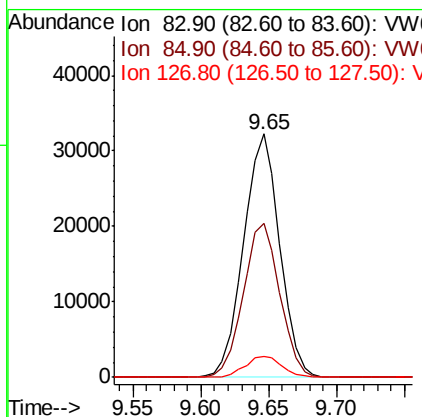
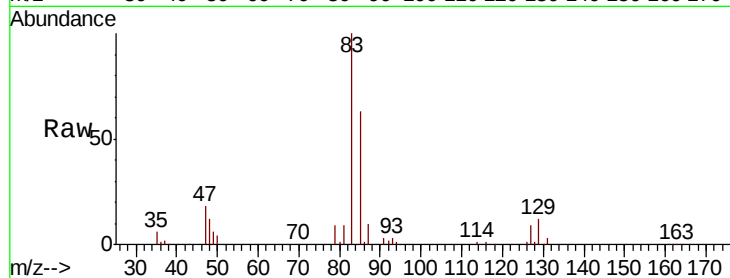
#47
Bromodichloromethane
Concen: 52.569 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion	Ratio	Lower	Upper
83	100		
85	63.4	52.2	78.4
127	8.6	6.8	10.2

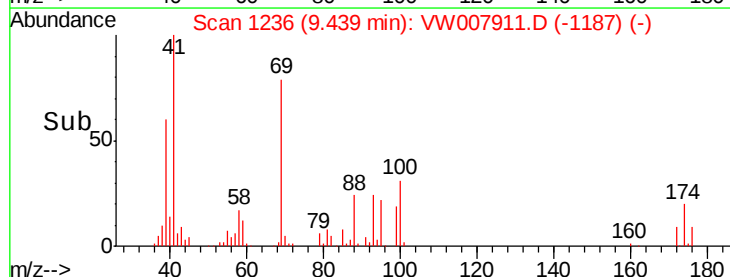
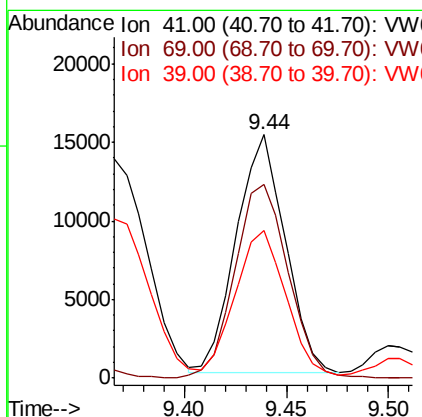
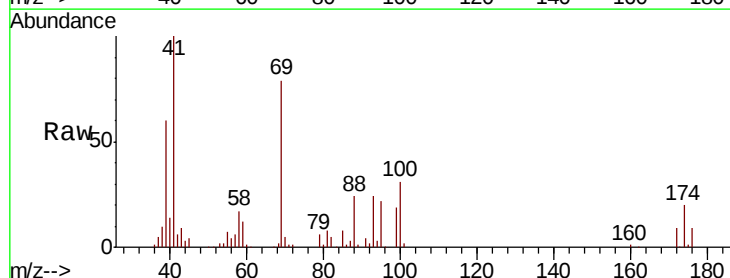
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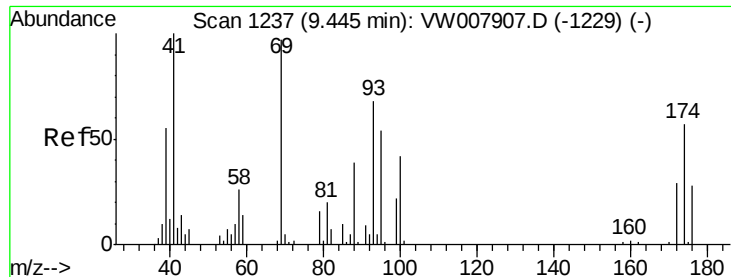
apatel
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#48
Methyl methacrylate
Concen: 52.453 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
41	100		
69	88.7	70.4	105.6
39	64.8	51.7	77.5





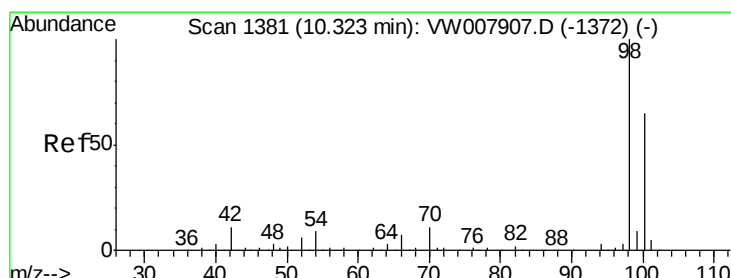
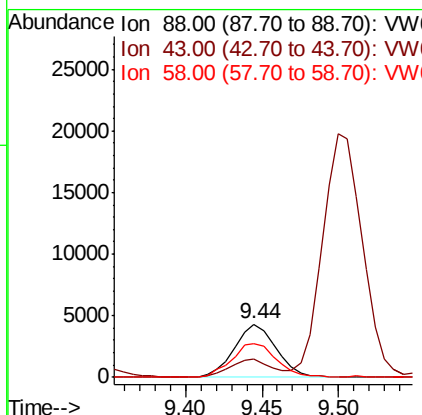
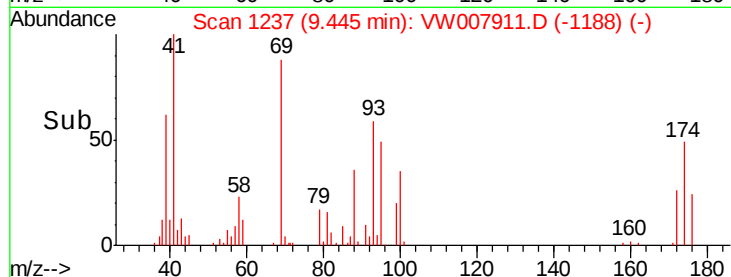
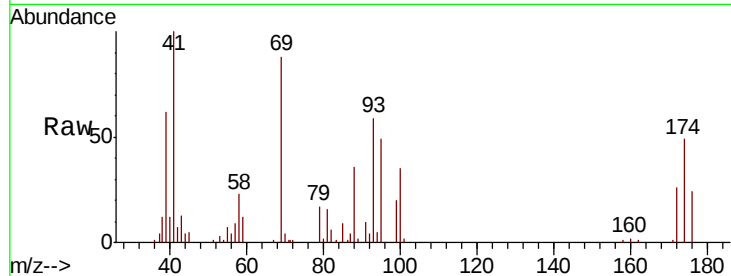
#49
1,4-Dioxane
Concen: 1079.735 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVWV122618

Tot Ion	Ratio	Lower	Upper
88	100		
43	36.2	30.9	46.3
58	68.4	55.4	83.0

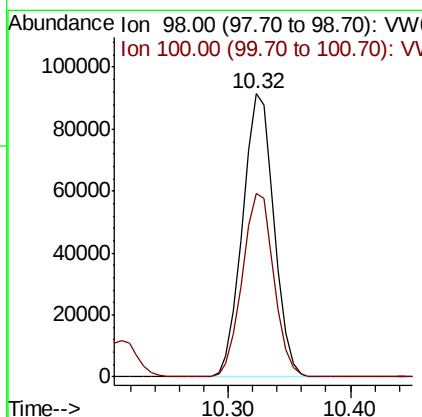
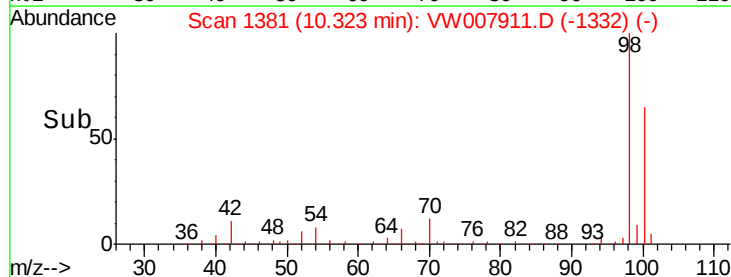
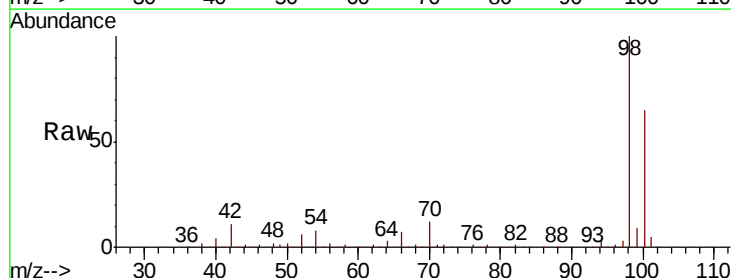
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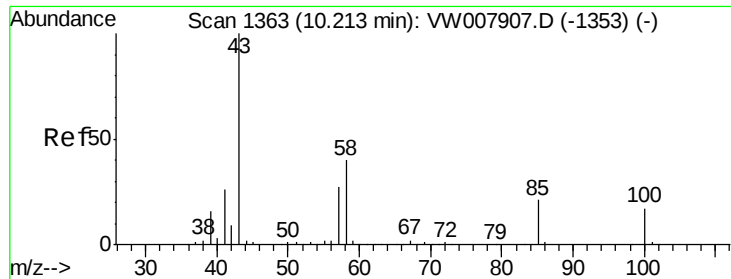
apatel
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#50
Toluene-d8
Concen: 53.843 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 261.500 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW122618

Tot Ion: 43 Resp: 121807

Ion Ratio Lower Upper

43 100

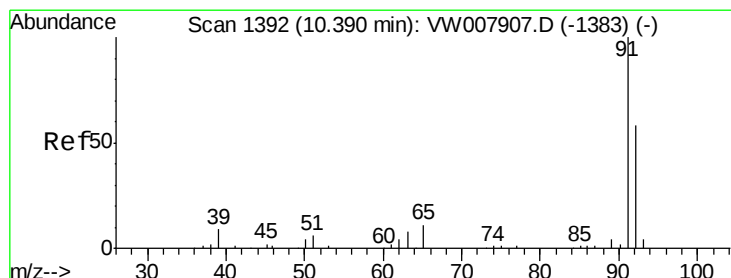
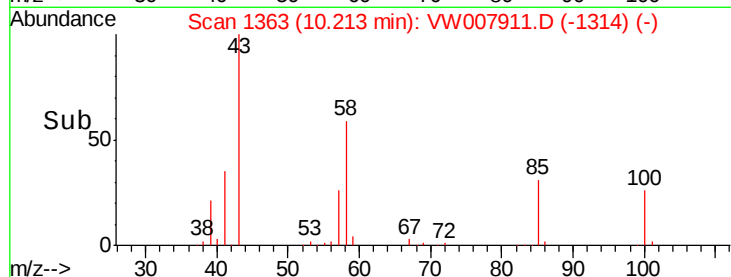
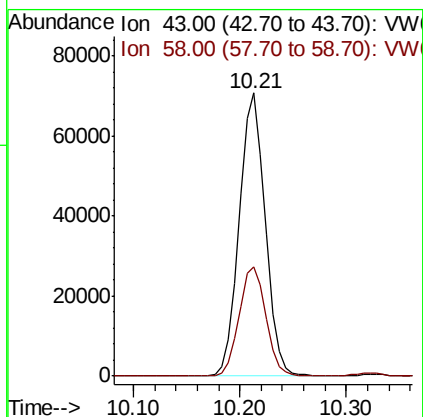
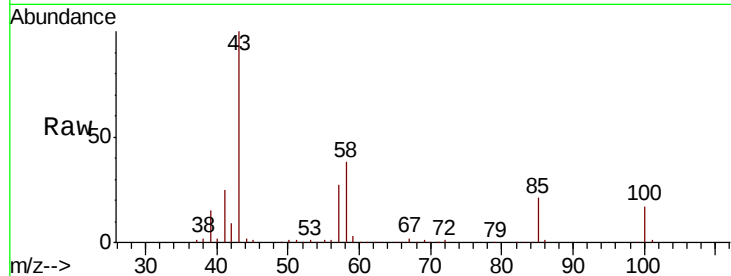
58 39.6 31.6 47.4

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#52

Toluene

Concen: 49.726 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007911.D

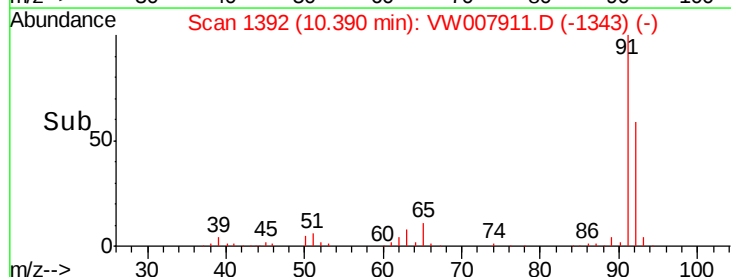
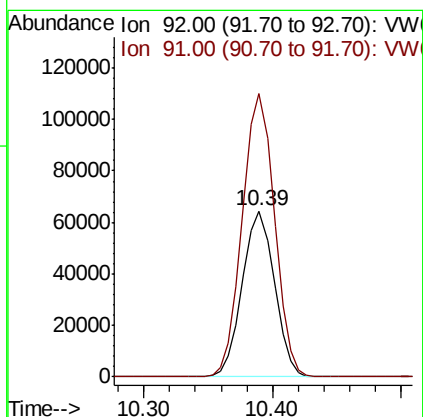
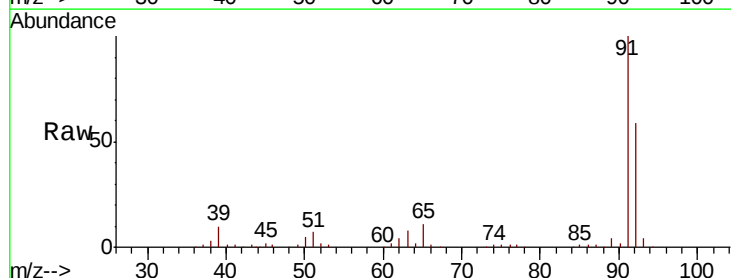
Acq: 25 Dec 2018 02:13

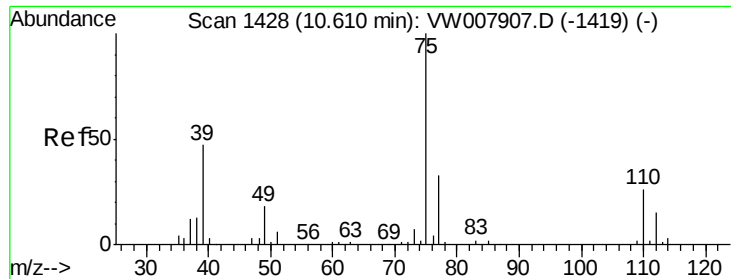
Tgt Ion: 92 Resp: 111494

Ion Ratio Lower Upper

92 100

91 171.1 138.0 207.0





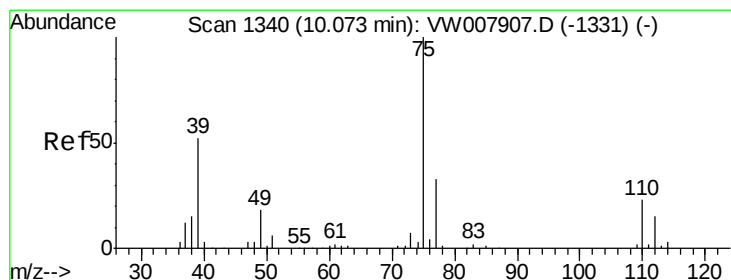
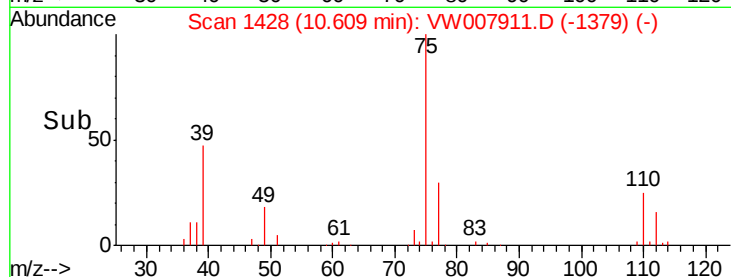
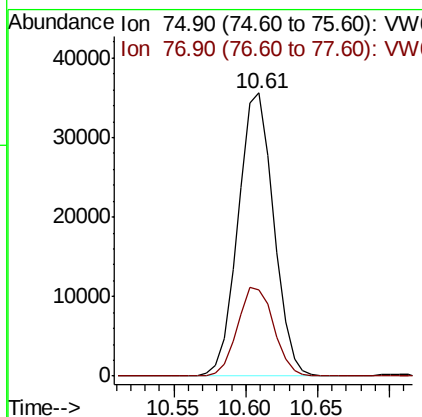
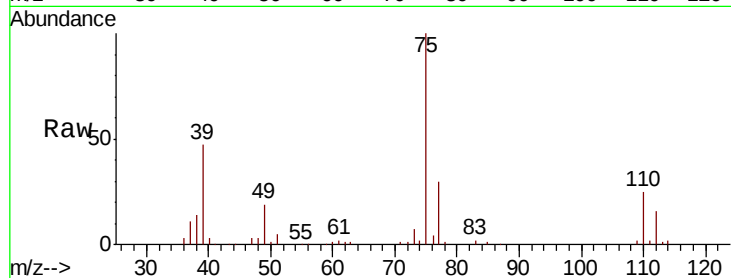
#53
t-1,3-Dichloropropene
Concen: 51.978 ug/l
RT: 10.61 min Scan# 1428
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVWV122618

Tot Ion: 75 Resp: 60978
Ion Ratio Lower Upper
75 100
77 30.4 26.4 39.6

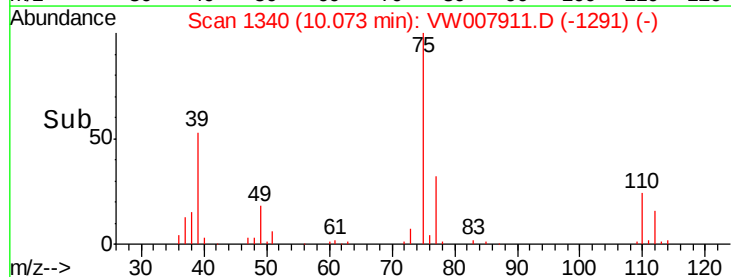
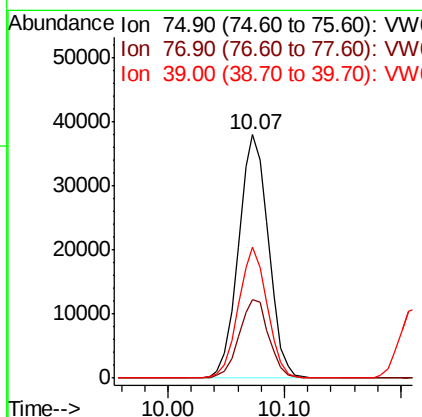
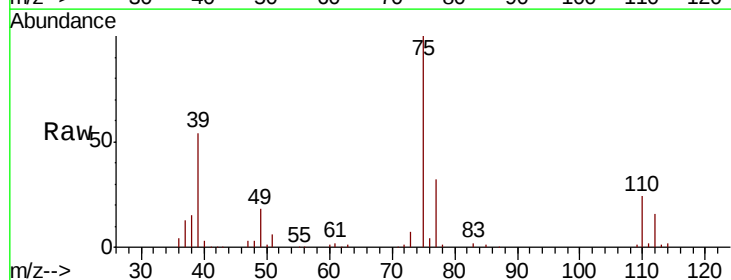
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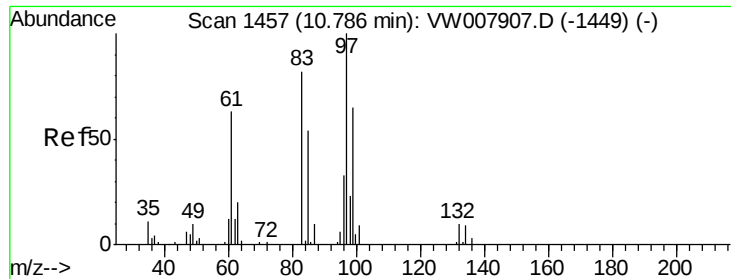
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#54
cis-1,3-Dichloropropene
Concen: 51.661 ug/l
RT: 10.07 min Scan# 1340
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion: 75 Resp: 68008
Ion Ratio Lower Upper
75 100
77 32.2 26.2 39.2
39 53.8 41.8 62.6





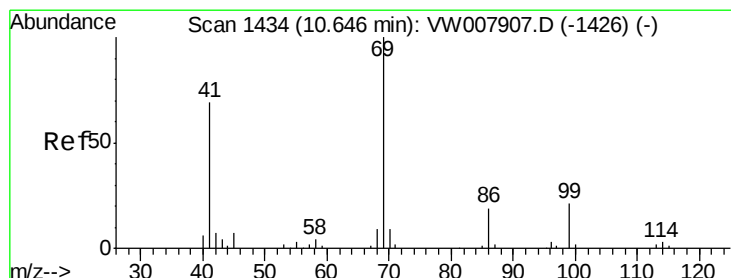
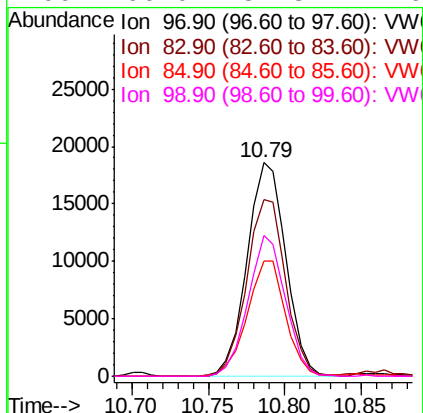
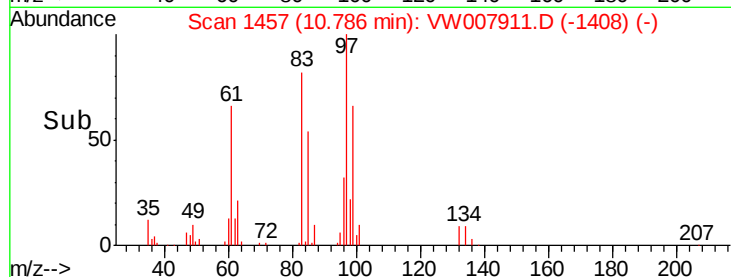
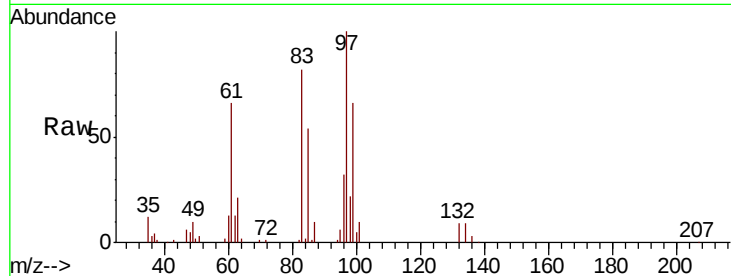
#55
 1,1,2-Trichloroethane
 Concen: 51.376 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122618

Tot Ion:	97	Resp:	32757
Ion	Ratio	Lower	Upper
97	100		
83	82.4	65.8	98.6
85	53.8	43.5	65.3
99	66.0	51.8	77.6

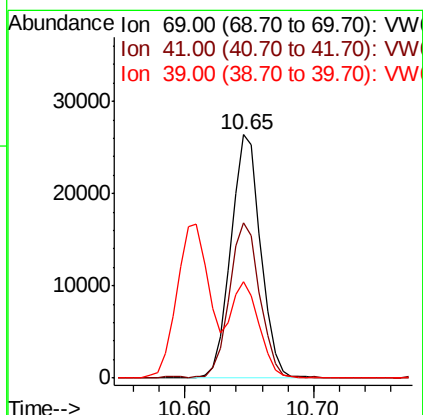
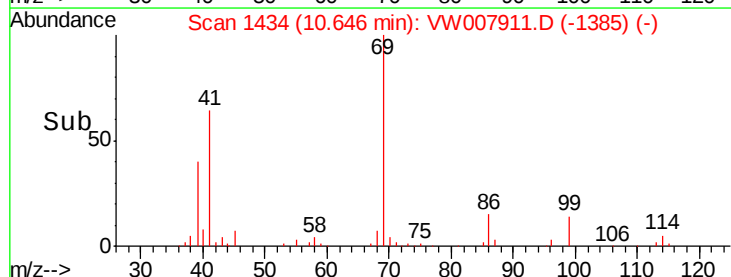
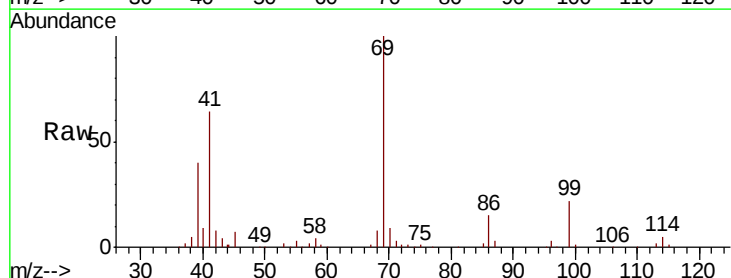
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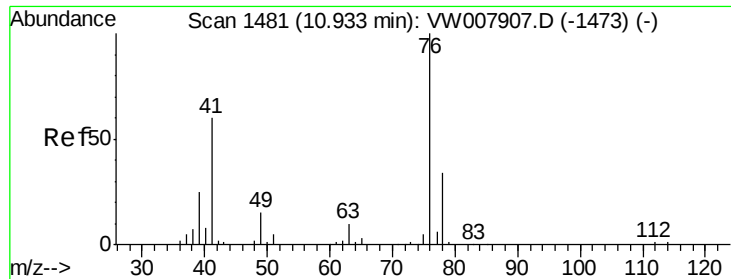
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#56
 Ethyl methacrylate
 Concen: 53.520 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion:	69	Resp:	42583
Ion	Ratio	Lower	Upper
69	100		
41	65.1	54.0	81.0
39	38.0	31.1	46.7





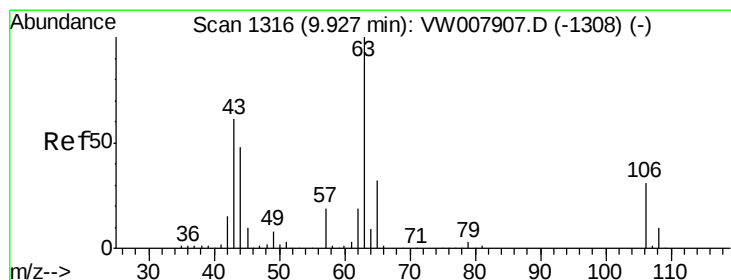
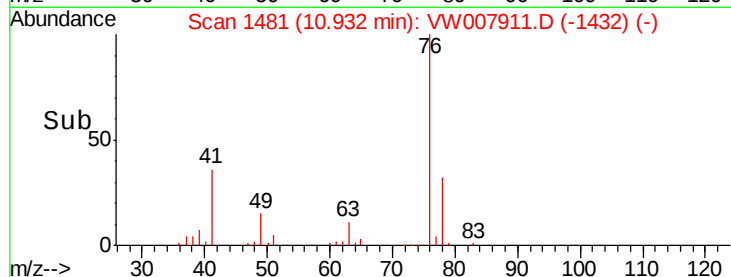
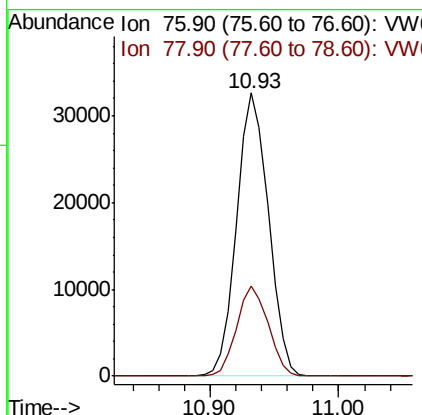
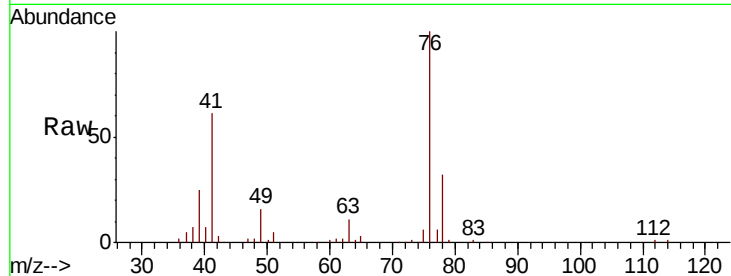
#57
 1,3-Dichloropropane
 Concen: 50.821 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122618

Tot Ion: 76 Resp: 55728
 Ion Ratio Lower Upper
 76 100
 78 31.6 25.5 38.3

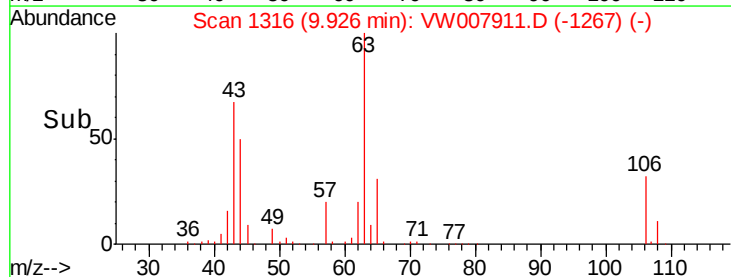
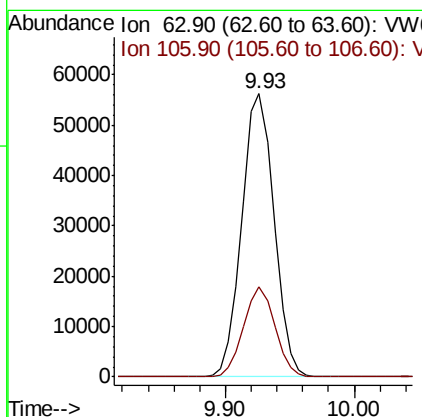
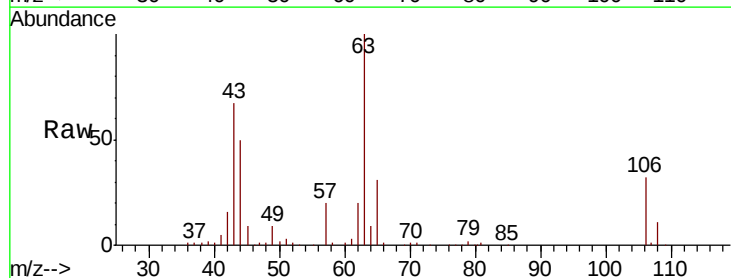
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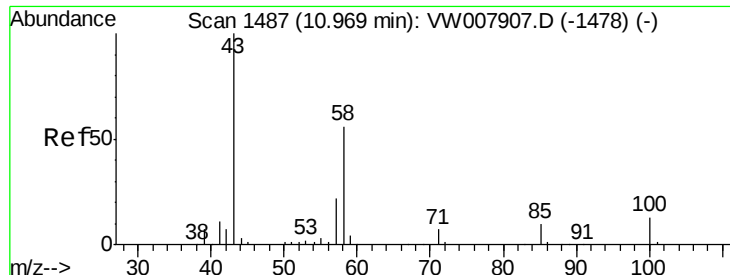
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 12/27/2018 11:18:10 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 252.640 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion: 63 Resp: 97368
 Ion Ratio Lower Upper
 63 100
 106 30.8 24.8 37.2





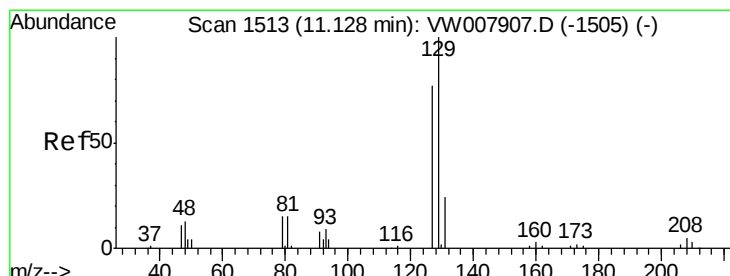
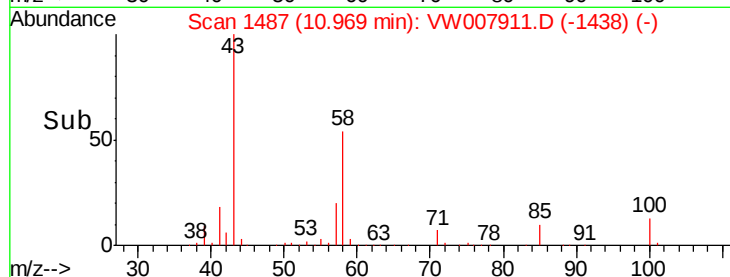
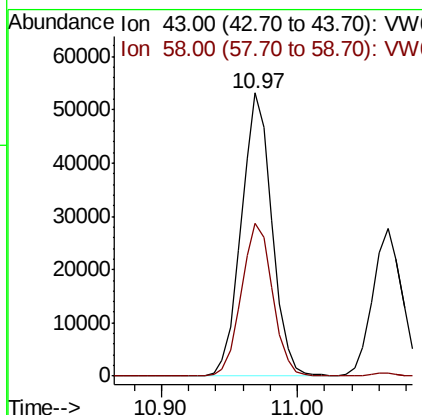
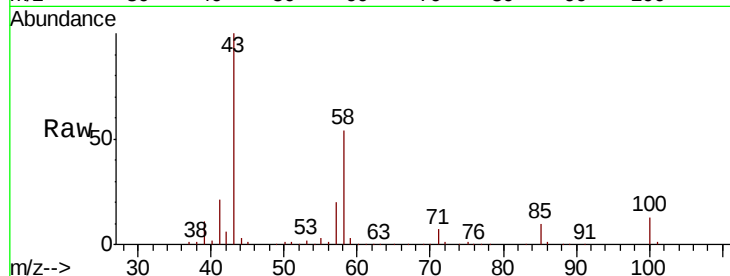
#59
2-Hexanone
Concen: 263.217 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion: 43 Resp: 83535
Ion Ratio Lower Upper
43 100
58 54.9 27.4 82.0

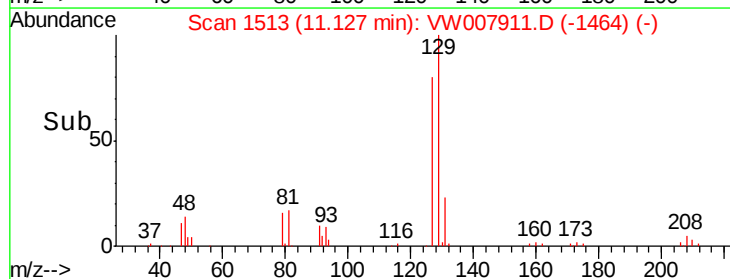
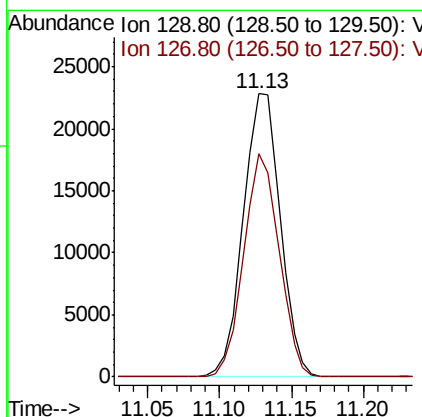
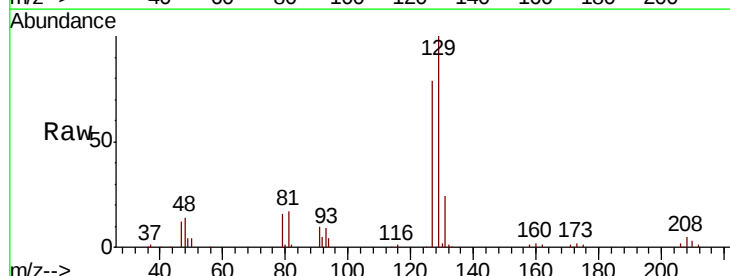
Manual Integrations
APPROVED

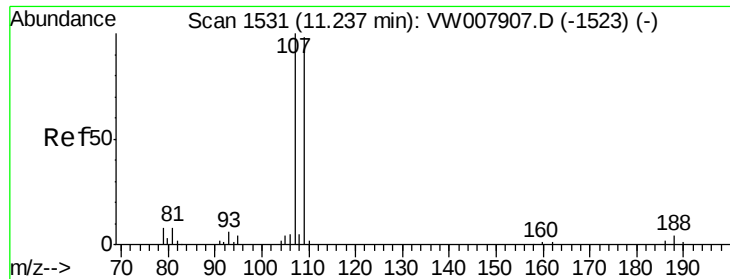
apatel
12/27/2018 11:18:10 AM



#60
Dibromochloromethane
Concen: 53.589 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion: 129 Resp: 40636
Ion Ratio Lower Upper
129 100
127 75.5 38.0 113.9





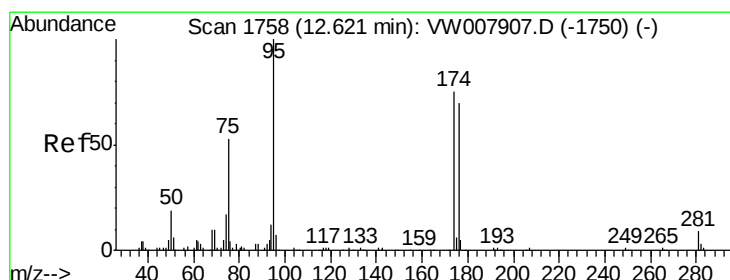
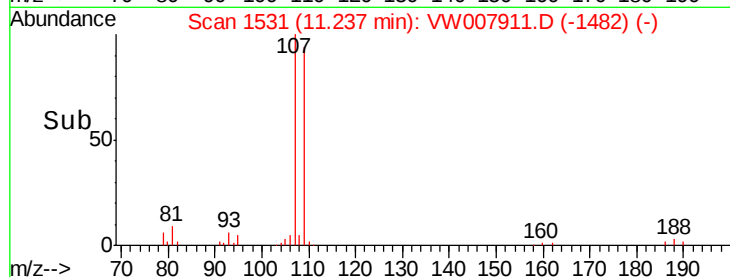
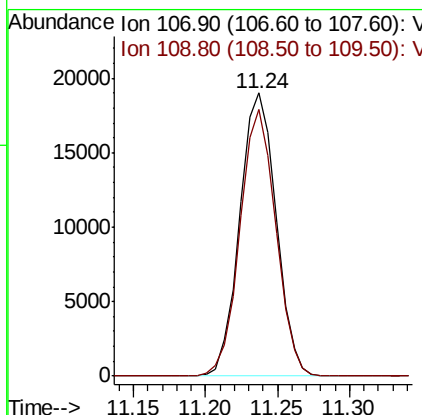
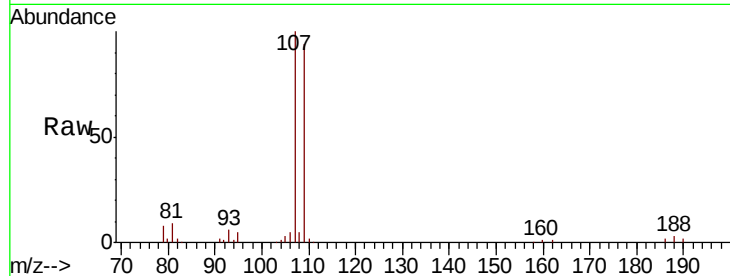
#61
 1,2-Dibromoethane
 Concen: 52.600 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122618

Tot Ion:107 Resp: 33247
 Ion Ratio Lower Upper
 107 100
 109 92.8 76.4 114.6

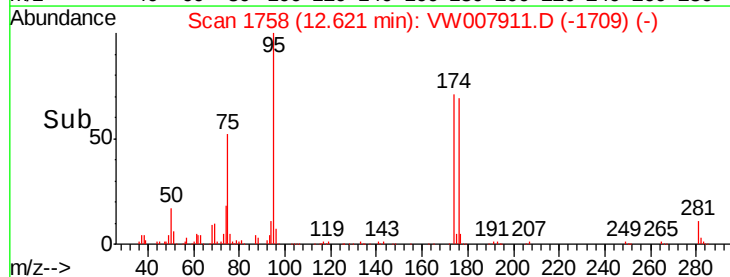
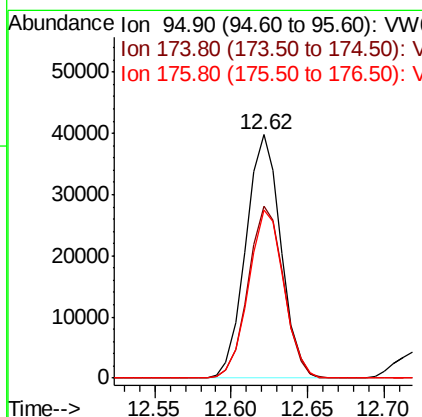
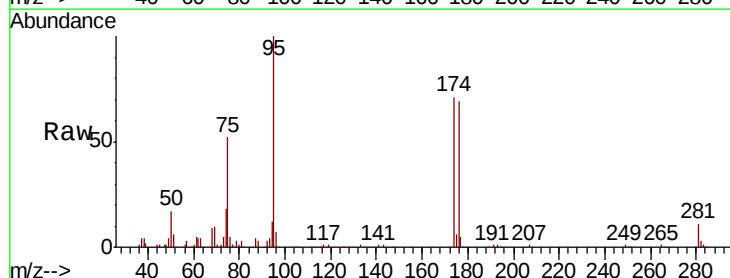
Manual Integrations
 APPROVED

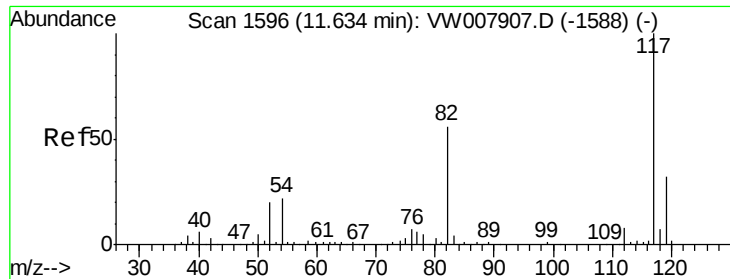
apatel
 12/27/2018 11:18:10 AM



#62
 4-Bromofluorobenzene
 Concen: 53.939 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion: 95 Resp: 63480
 Ion Ratio Lower Upper
 95 100
 174 71.4 0.0 145.4
 176 69.6 0.0 140.2





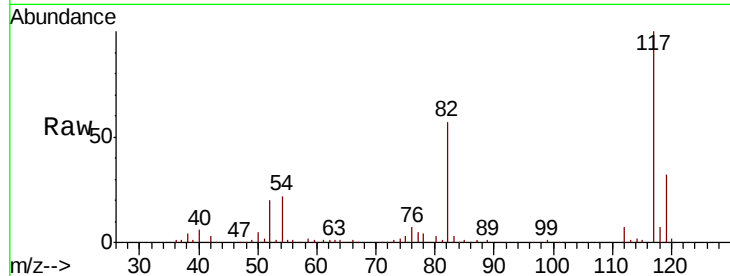
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	45.1	67.7
119	31.7	25.8	38.8

Manual Integrations
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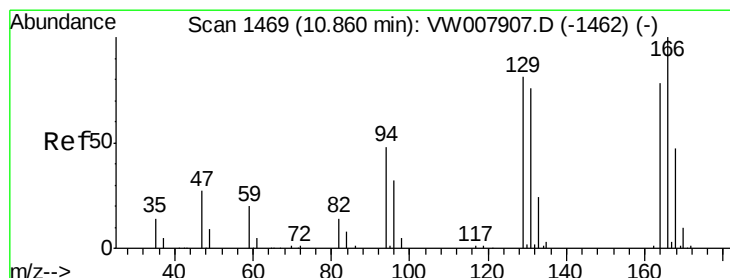
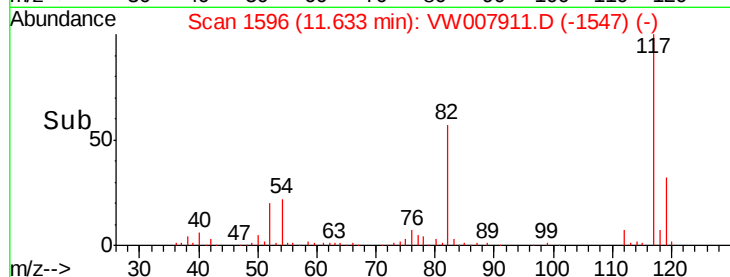
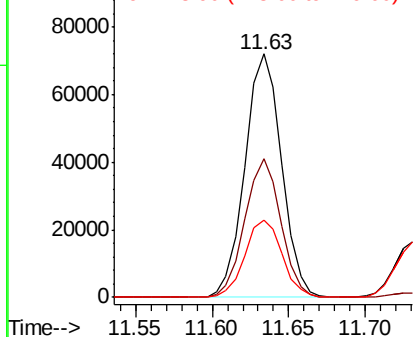


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 50.706 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.9	102.1	153.1
129	103.8	82.3	123.5
131	96.0	77.6	116.4

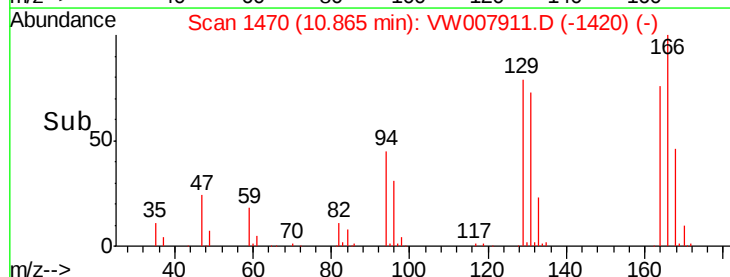
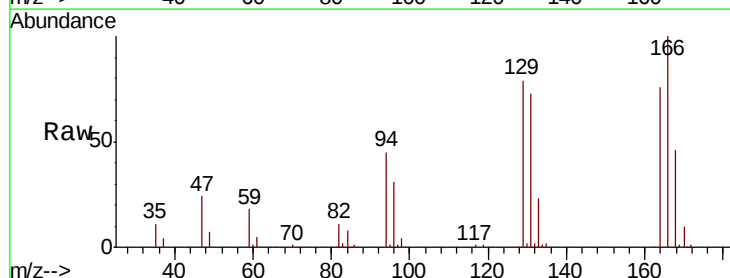
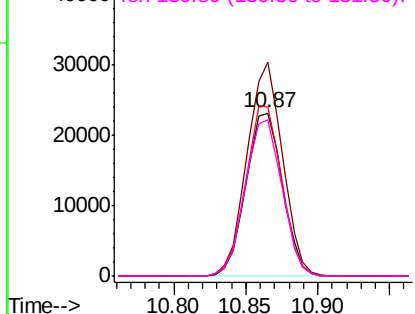
Abundance

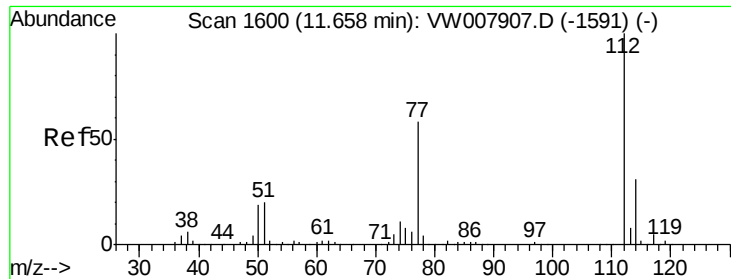
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





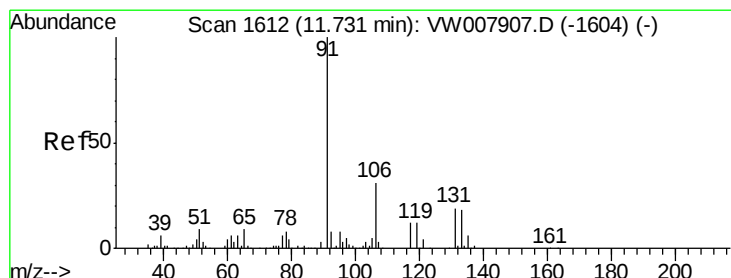
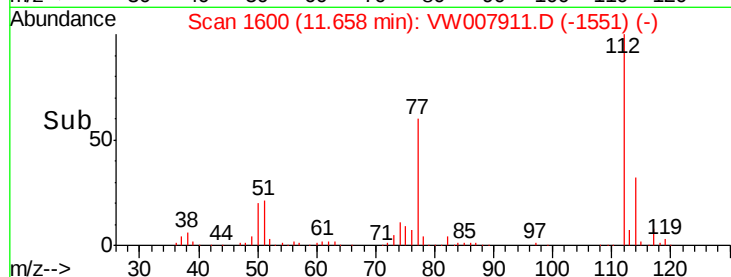
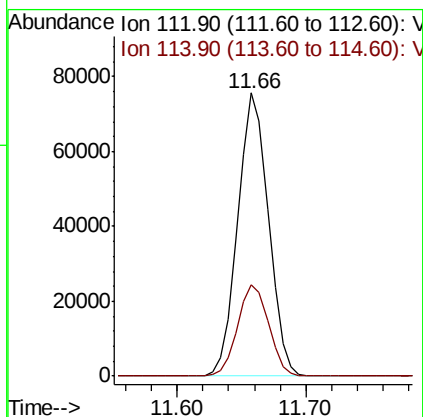
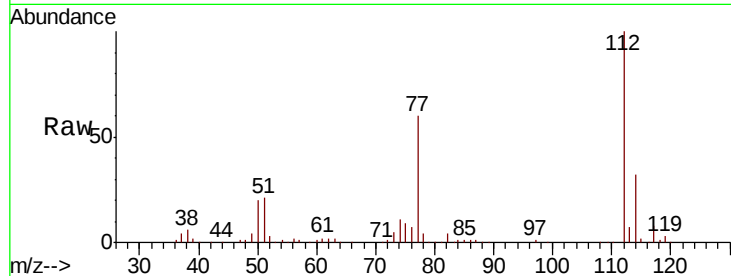
#65
Chlorobenzene
Concen: 49.741 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion:112 Resp: 124956
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7

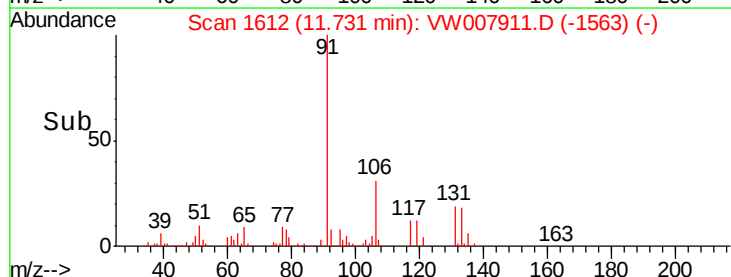
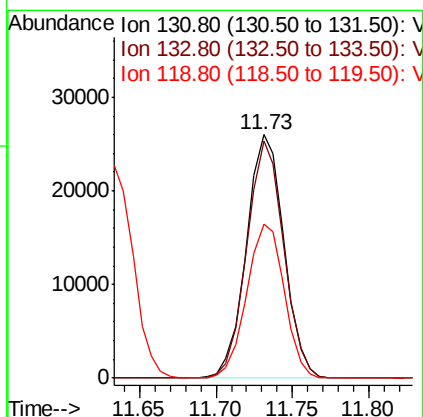
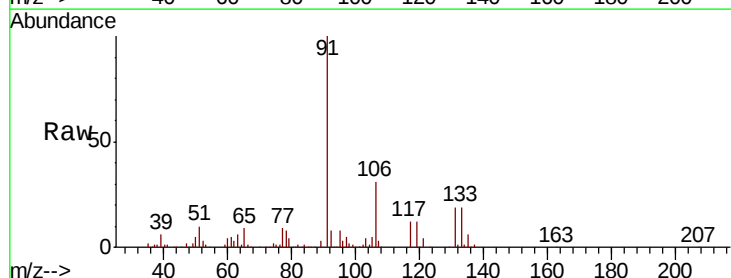
Manual Integrations
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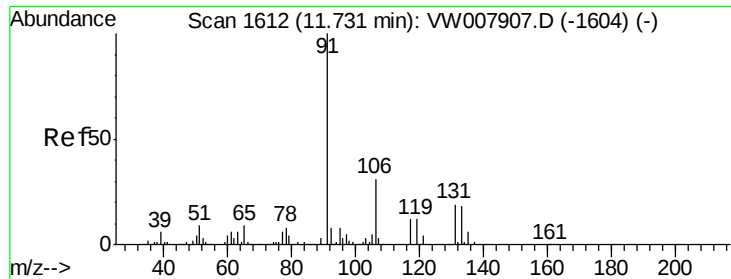
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 51.573 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion:131 Resp: 44312
Ion Ratio Lower Upper
131 100
133 95.8 48.4 145.3
119 63.3 31.6 95.0





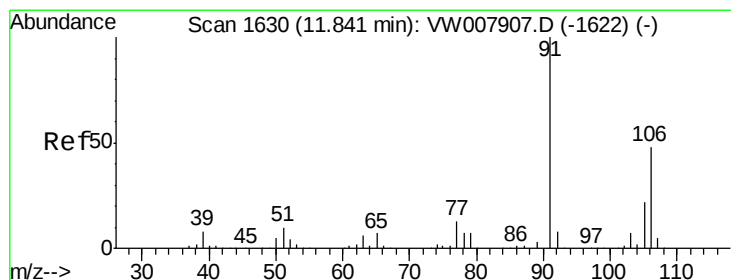
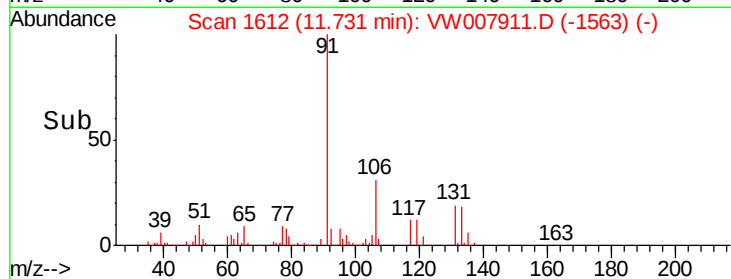
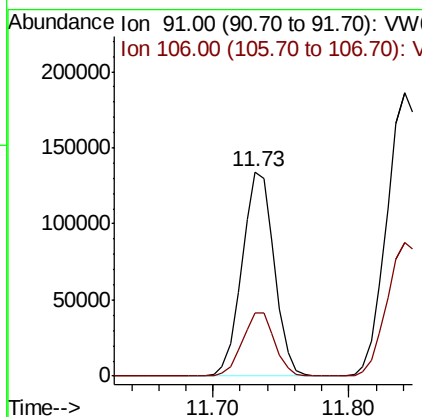
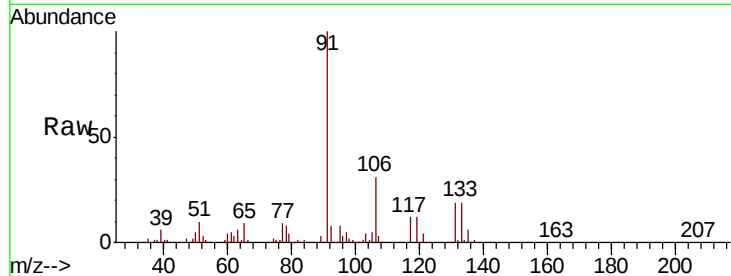
#67
Ethyl Benzene
Concen: 50.459 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion: 91 Resp: 221202
Ion Ratio Lower Upper
91 100
106 31.2 24.6 37.0

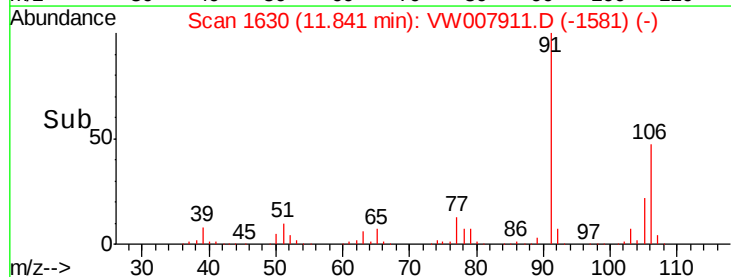
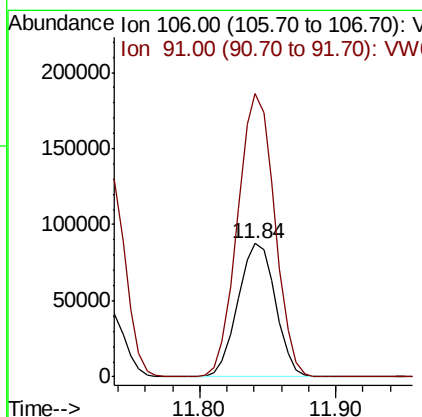
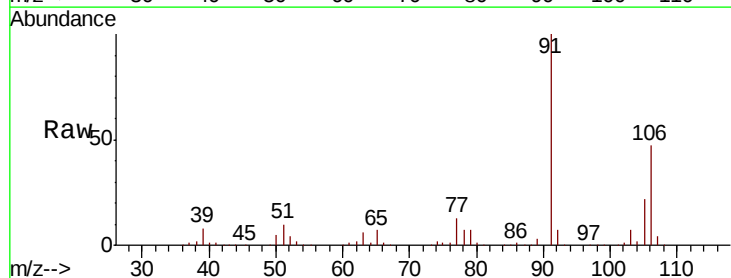
Manual Integrations
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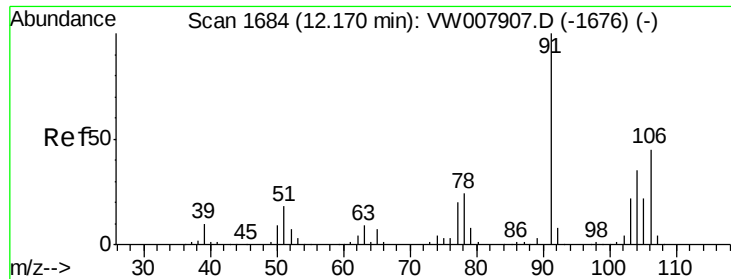
apatel
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#68
m/p-Xylenes
Concen: 100.839 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion: 106 Resp: 169201
Ion Ratio Lower Upper
106 100
91 208.8 166.6 249.8





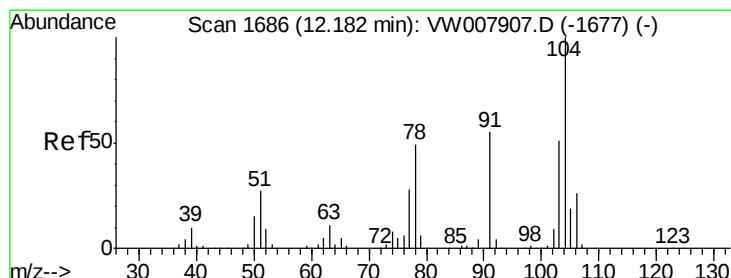
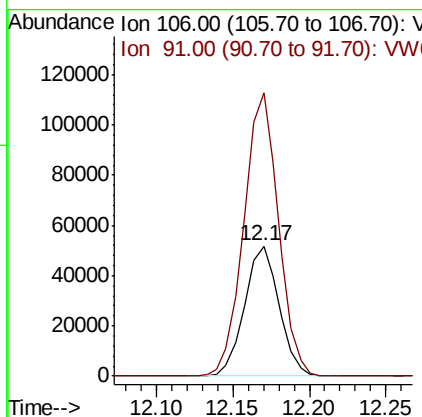
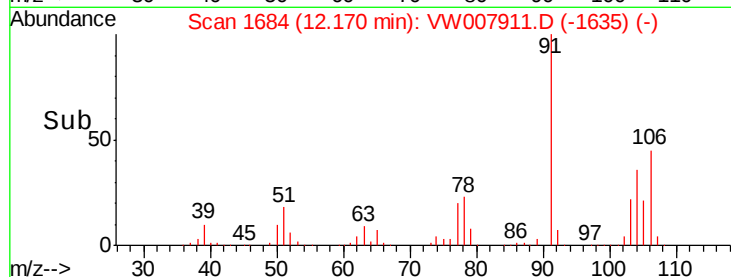
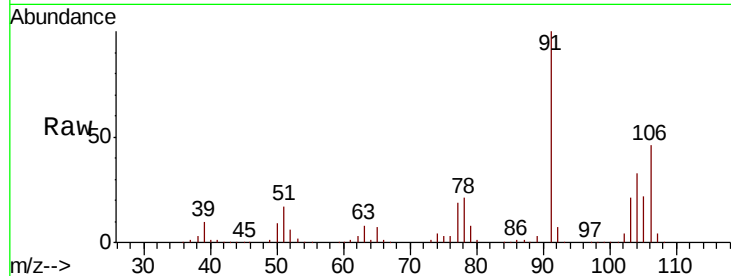
#69
o-Xylene
Concen: 50.462 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion:106 Resp: 81092
Ion Ratio Lower Upper
106 100
91 218.3 110.3 331.0

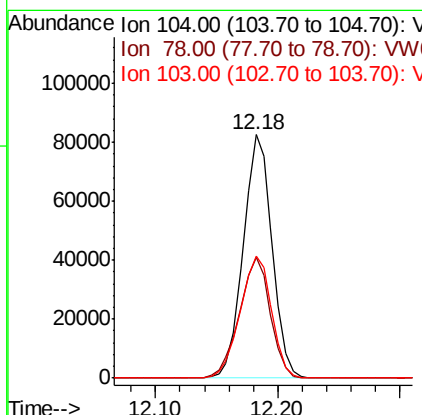
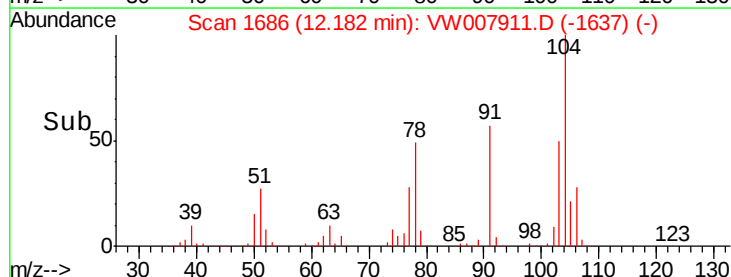
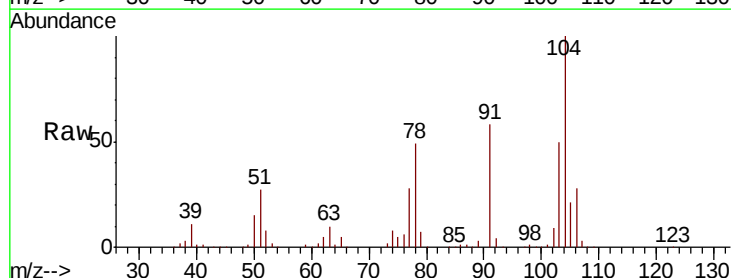
Manual Integrations
APPROVED

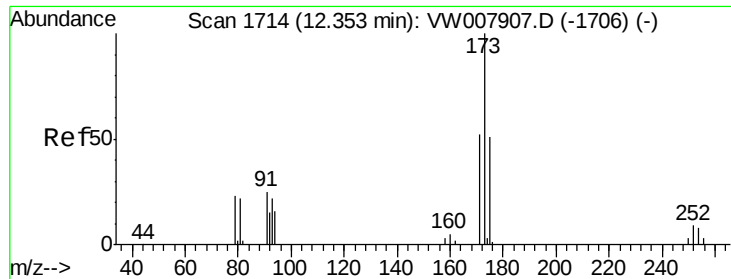
apatel
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#70
Styrene
Concen: 51.166 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion:104 Resp: 134452
Ion Ratio Lower Upper
104 100
78 53.0 43.1 64.7
103 54.8 44.1 66.1





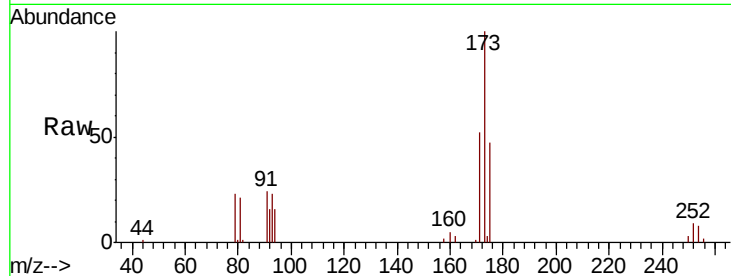
#71
Bromoform
Concen: 53.604 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.9	74.7
254	0.0	0.0	0.0

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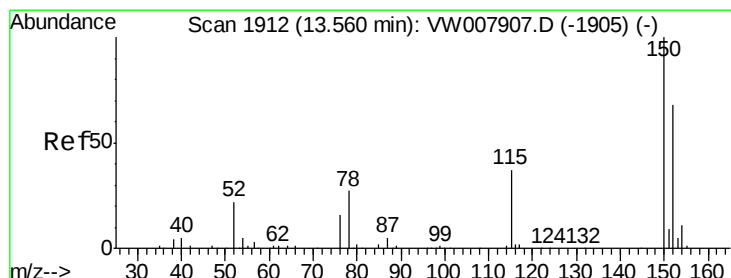
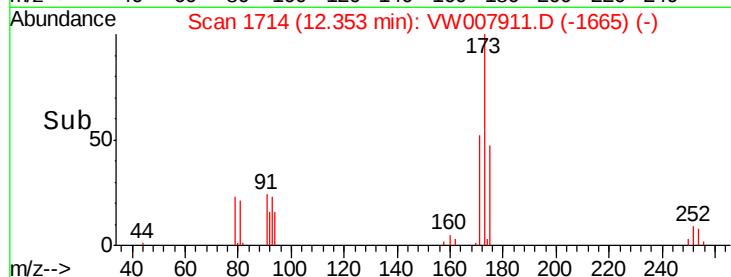
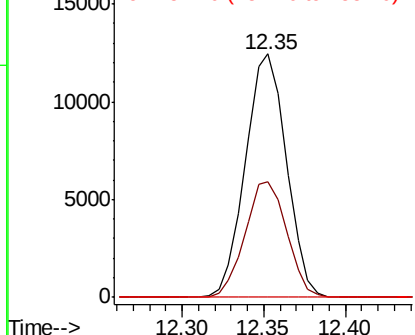


Abundance

Ion 172.70 (172.40 to 173.40): V

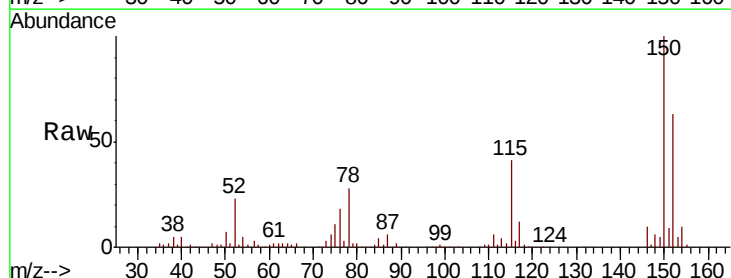
Ion 174.70 (174.40 to 175.40): V

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: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.1	31.9	95.9
150	177.1	0.0	349.4

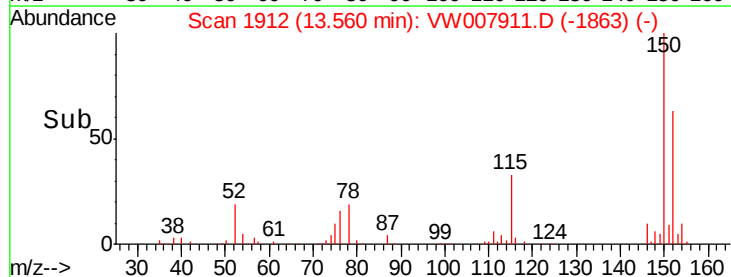
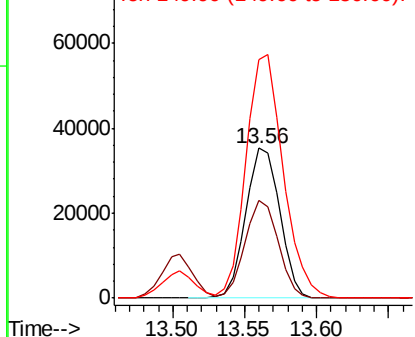


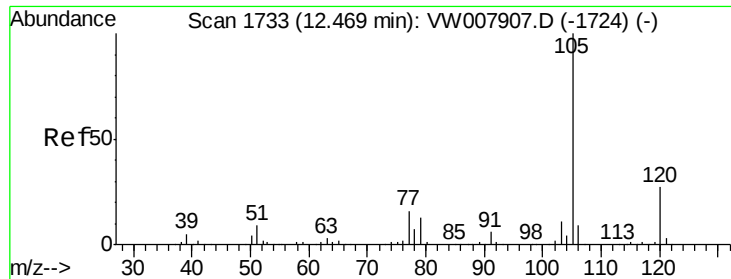
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.019 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW122618

Tot Ion: 105 Resp: 223751

Ion Ratio Lower Upper

105 100

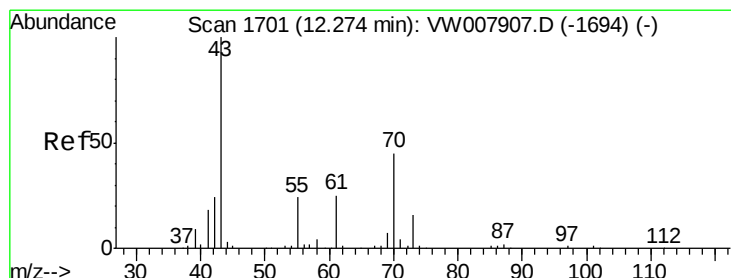
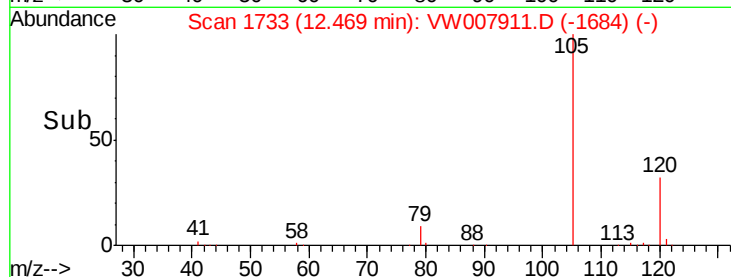
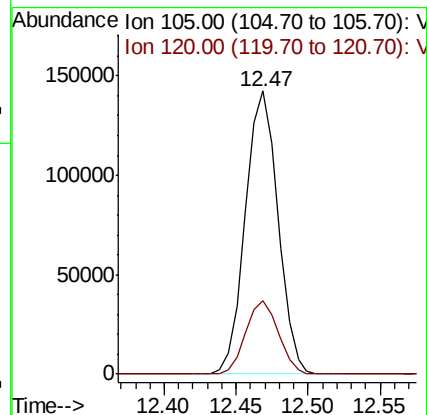
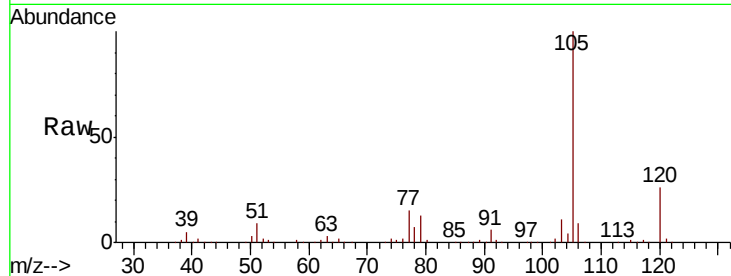
120 26.0 13.1 39.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 53.566 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Tgt Ion: 43 Resp: 47168

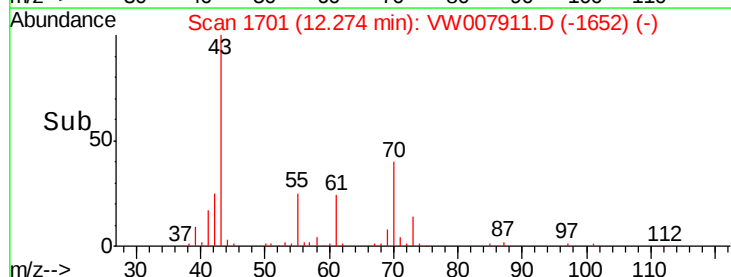
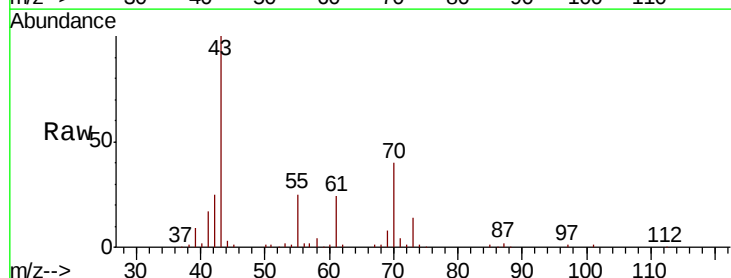
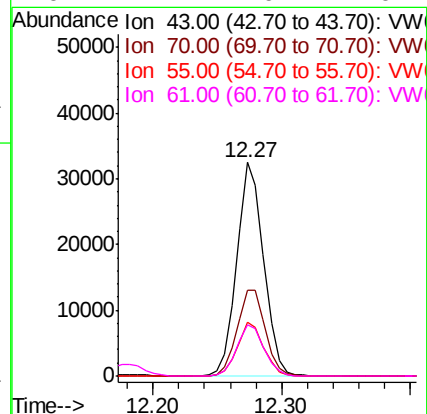
Ion Ratio Lower Upper

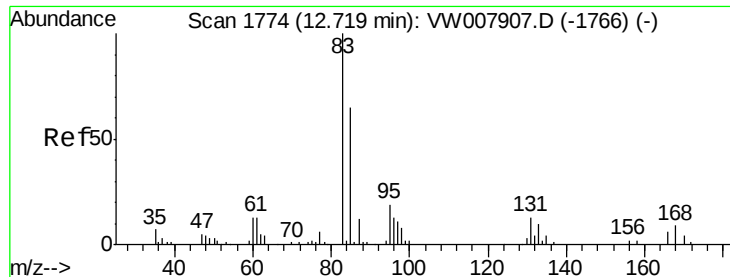
43 100

70 42.1 35.4 53.0

55 24.6 19.3 28.9

61 24.2 19.4 29.2





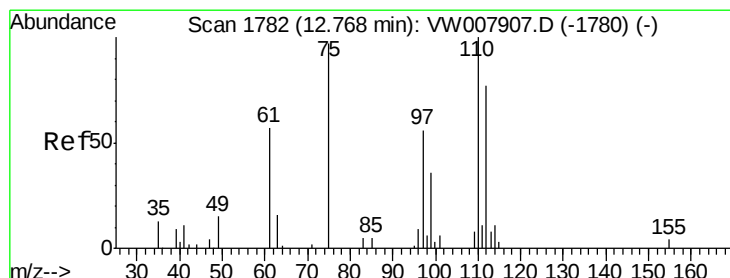
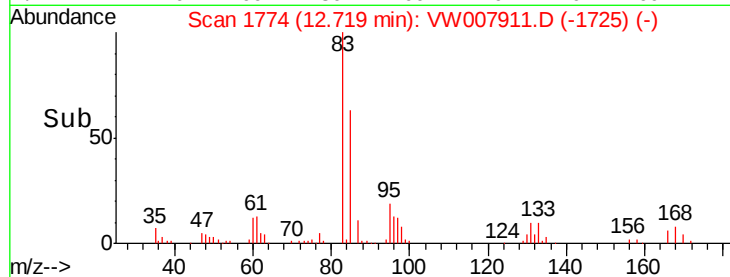
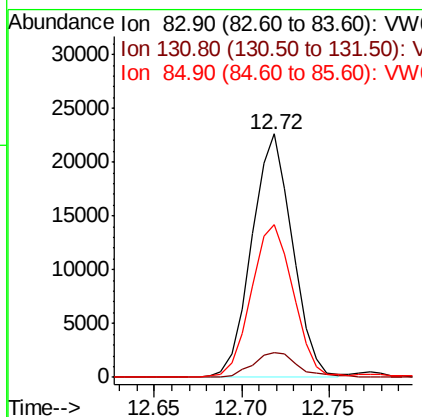
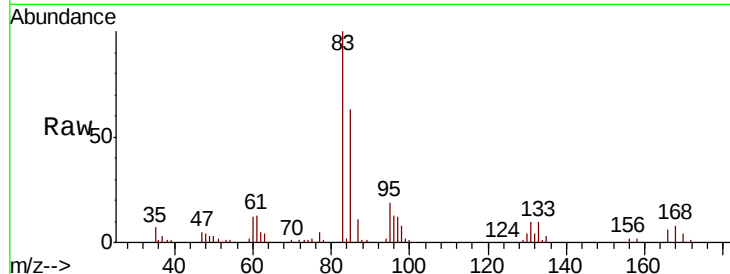
#75
 1,1,2,2-Tetrachloroethane
 Concen: 52.180 ug/l
 RT: 12.72 min Scan# 1774
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122618

Tot Ion	83	Resp	36568
Ion Ratio	100	Lower	Upper
83	100		
131	11.3	6.2	18.4
85	64.9	32.1	96.3

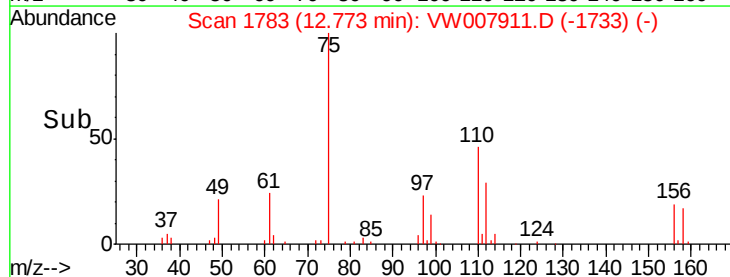
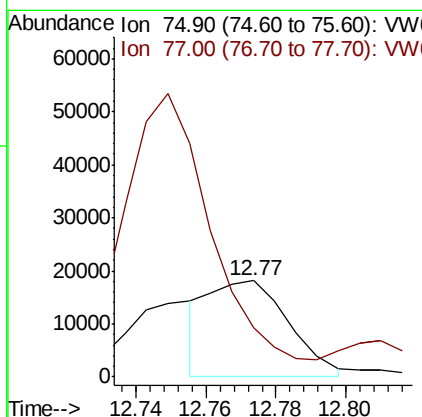
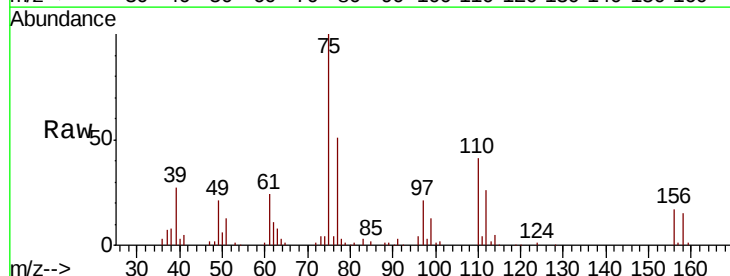
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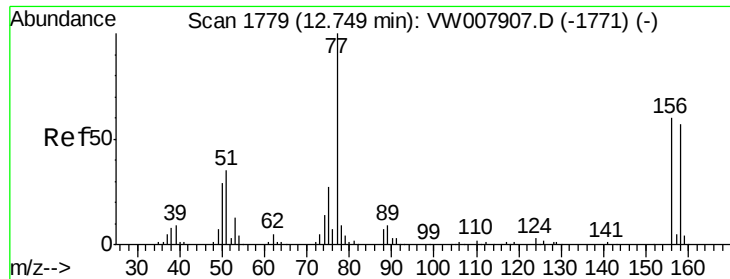
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#76
 1,2,3-Trichloropropane
 Concen: 49.463 ug/l m
 RT: 12.77 min Scan# 1783
 Delta R.T. 0.01 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion	75	Resp	29097
Ion Ratio	100	Lower	Upper
75	100		
77	0.0	165.9	497.7#





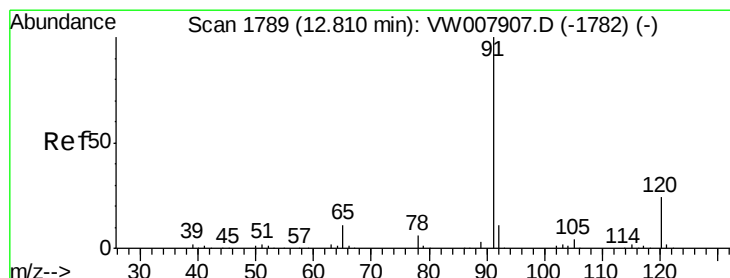
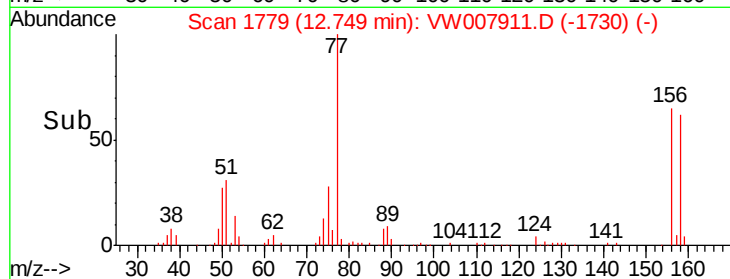
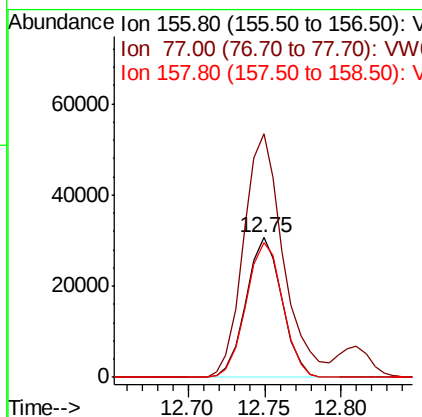
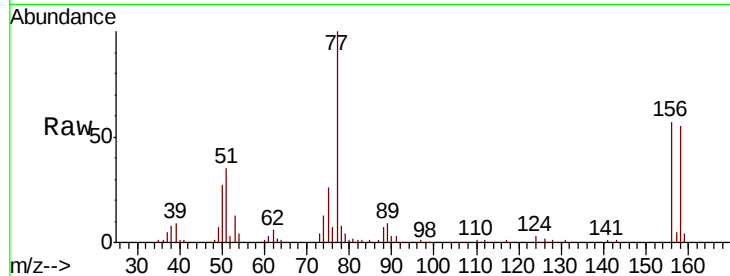
#77
Bromobenzene
Concen: 50.720 ug/l
RT: 12.75 min Scan# 1779
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion	Ratio	Lower	Upper
156	100		
77	193.6	94.0	282.0
158	97.9	48.6	145.8

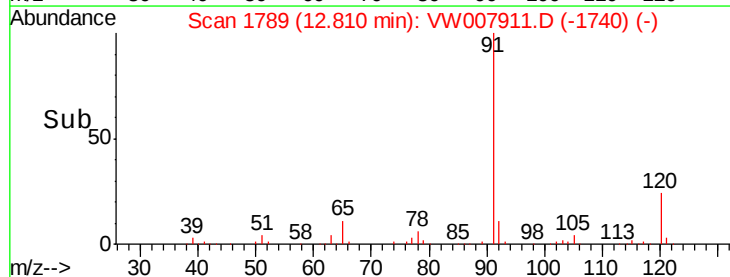
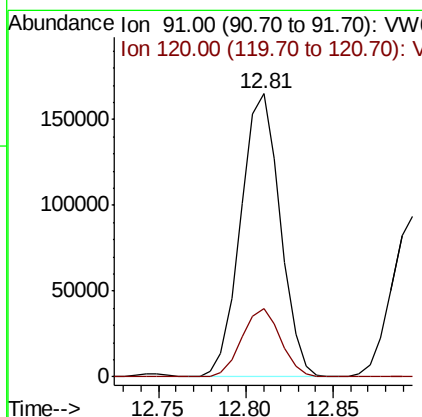
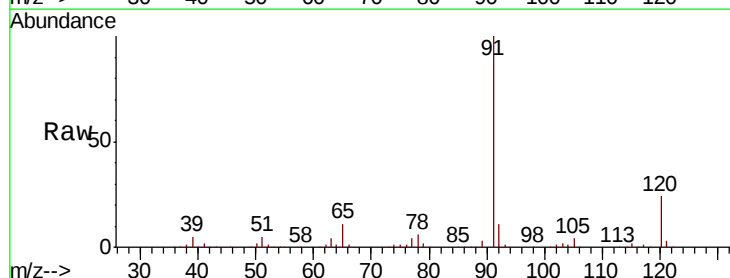
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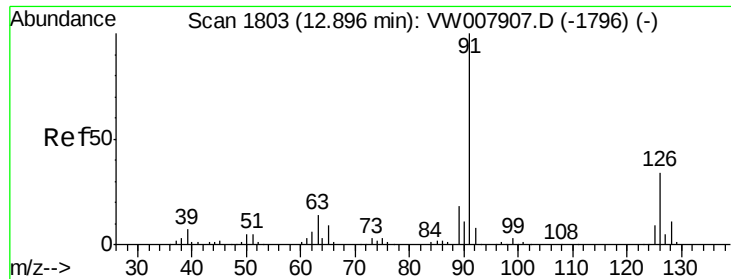
apatel
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#78
n-propylbenzene
Concen: 50.780 ug/l
RT: 12.81 min Scan# 1789
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.8	11.6	34.8





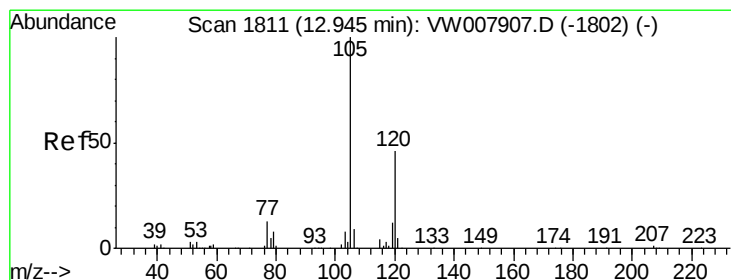
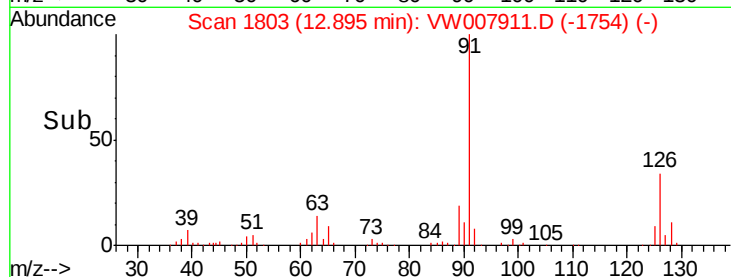
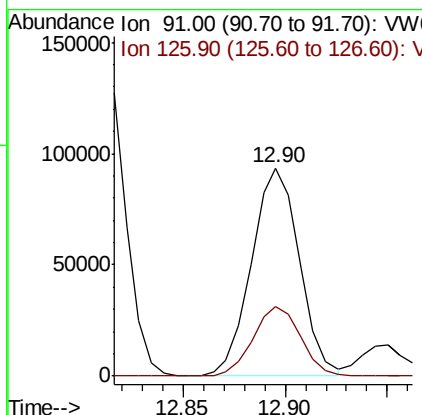
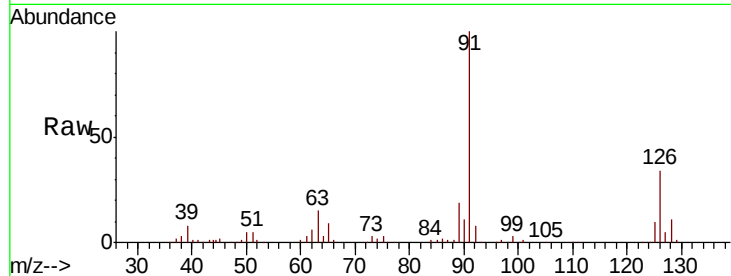
#79
 2-Chlorotoluene
 Concen: 50.253 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122618

Tot Ion: 91 Resp: 152760
 Ion Ratio Lower Upper
 91 100
 126 33.3 16.6 49.8

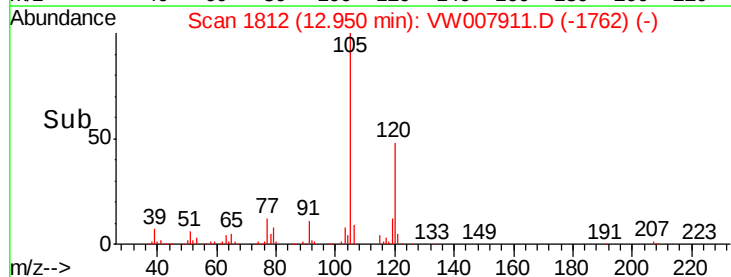
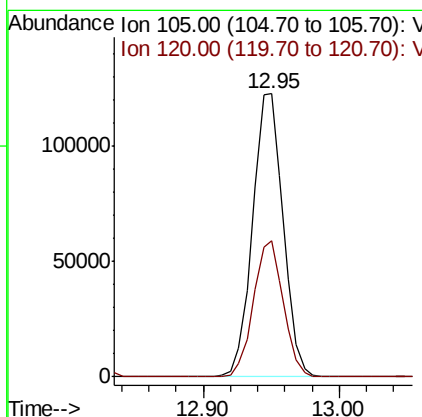
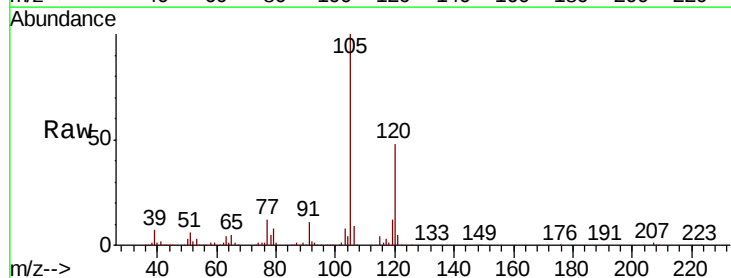
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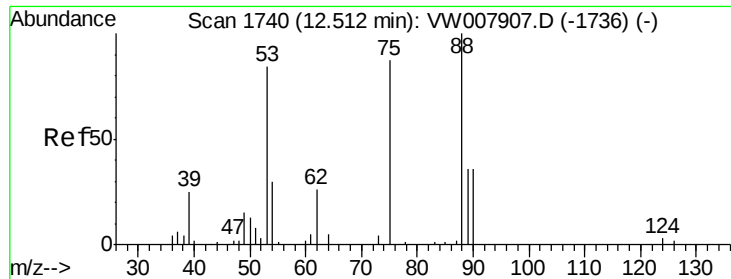
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 51.066 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion: 105 Resp: 192825
 Ion Ratio Lower Upper
 105 100
 120 47.3 23.4 70.0





#81

trans-1,4-Dichloro-2-butene

Concen: 55.436 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. 0.01 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

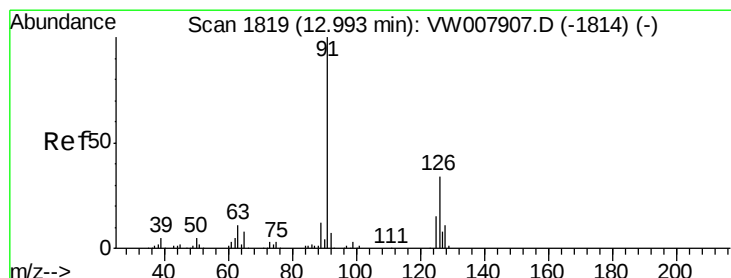
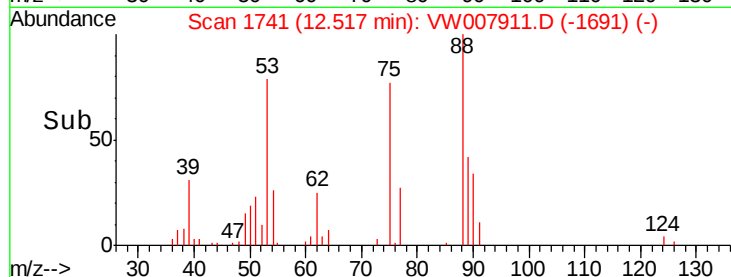
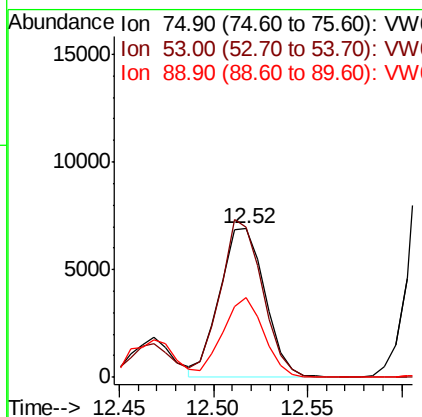
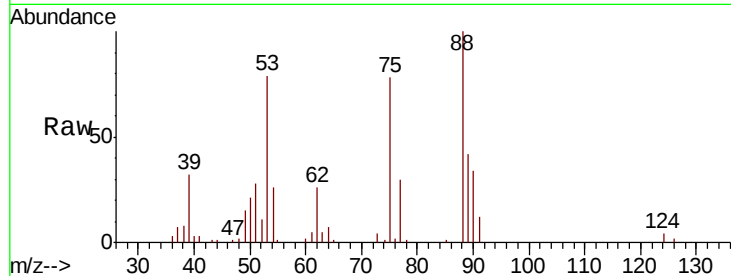
ClientSampleId :

ICVW122618

Tot Ion:	75	Resp:	11552
Ion Ratio	Lower	Upper	
75	100		
53	99.1	79.8	119.8
89	48.0	37.1	55.7

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#82

4-Chlorotoluene

Concen: 50.977 ug/l

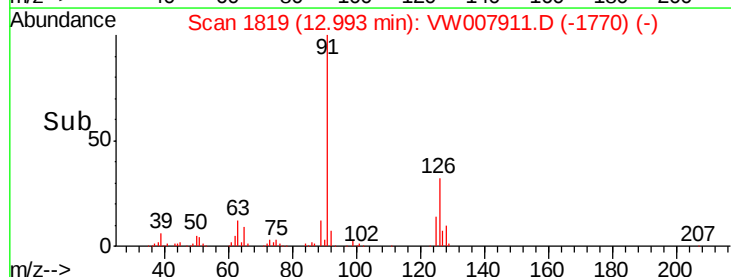
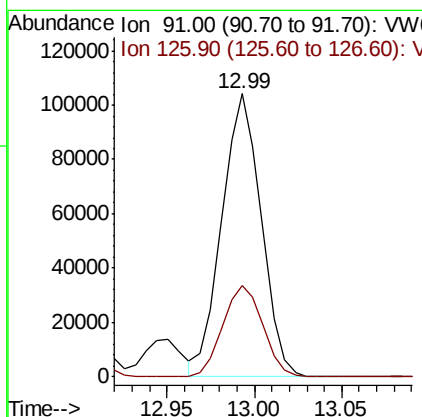
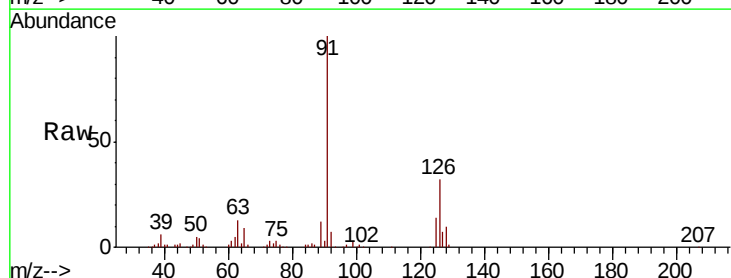
RT: 12.99 min Scan# 1819

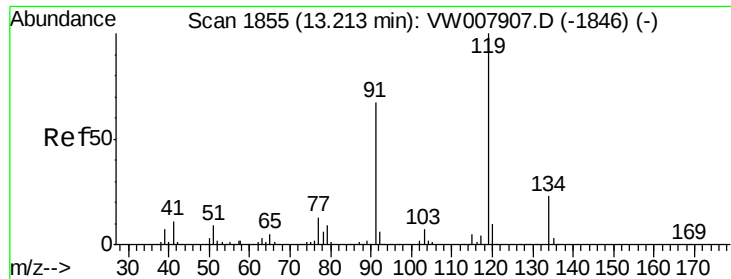
Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Tgt Ion:	91	Resp:	162973
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.5	49.5





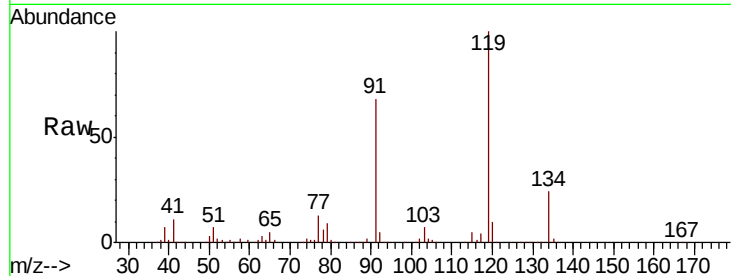
#83
tert-Butylbenzene
Concen: 50.917 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

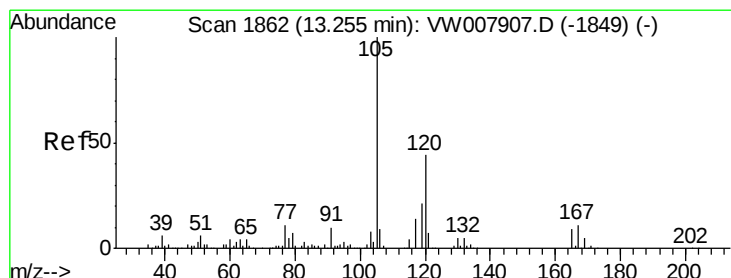
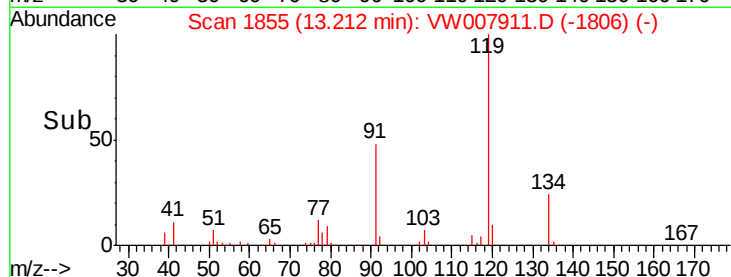
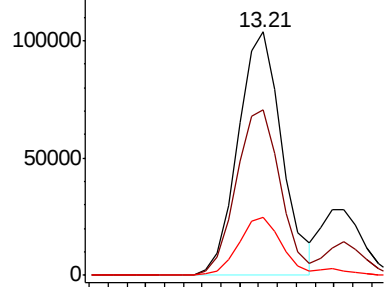
Tot Ion	Ratio	Lower	Upper
119	100		
91	68.4	33.8	101.3
134	25.3	11.7	35.1

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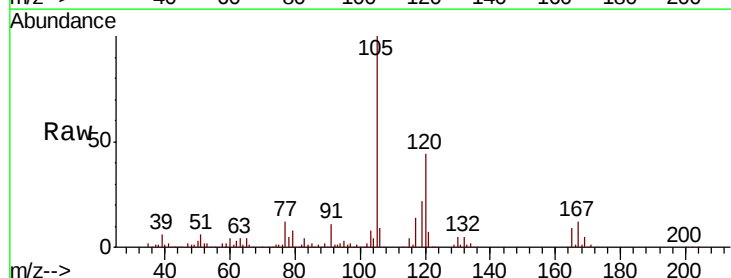


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

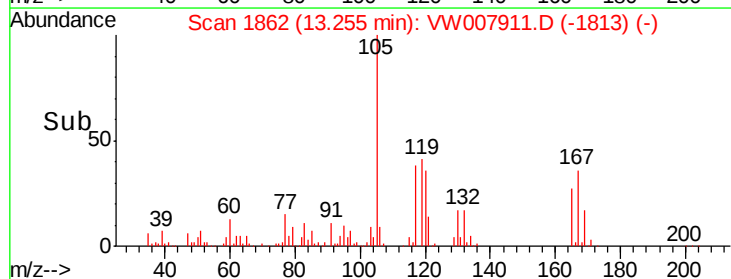
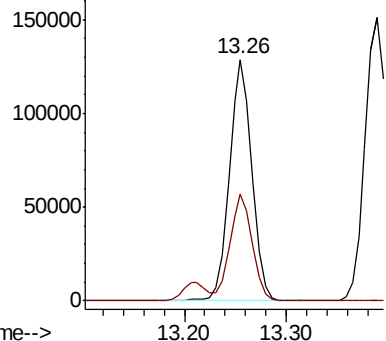


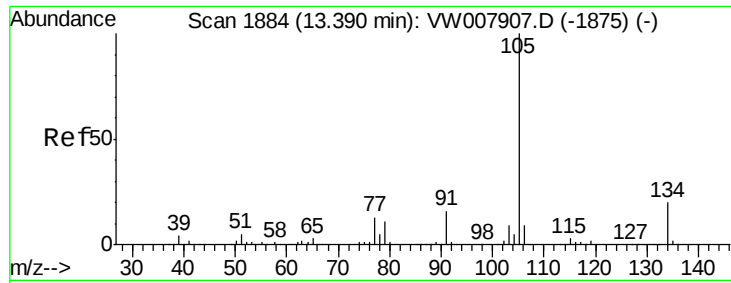
#84
1,2,4-Trimethylbenzene
Concen: 51.575 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
105	100		
120	43.9	22.1	66.5



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.825 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

ClientSampleId :

ICVW122618

Tot Ion:105 Resp: 230732

Ion Ratio Lower Upper

105 100

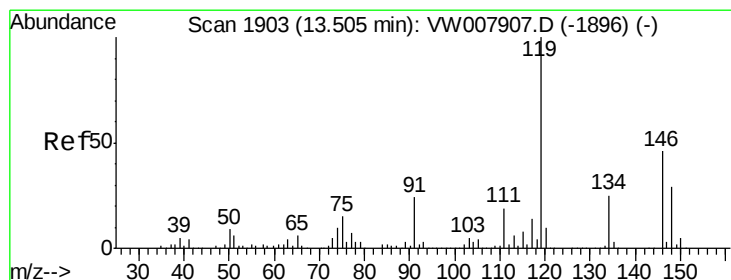
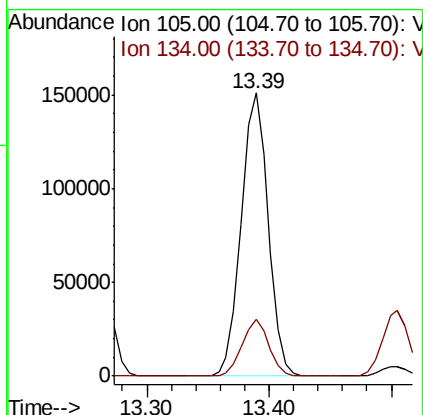
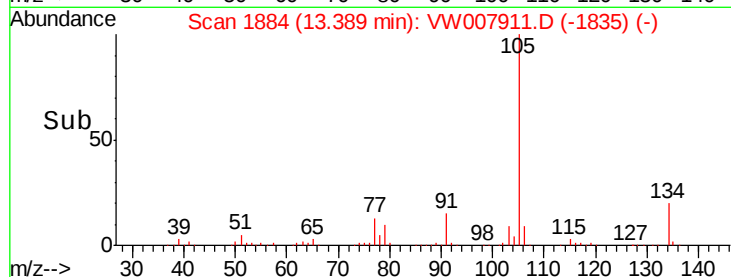
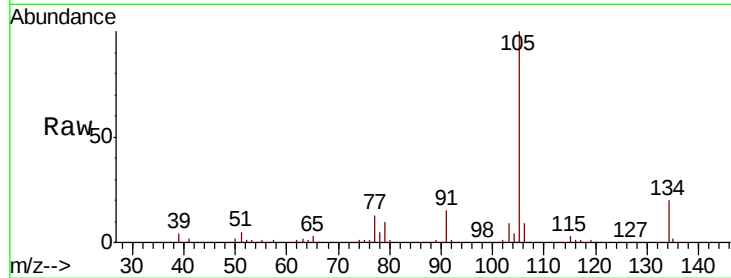
134 19.8 10.0 29.8

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#86

p-Isopropyltoluene

Concen: 51.123 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

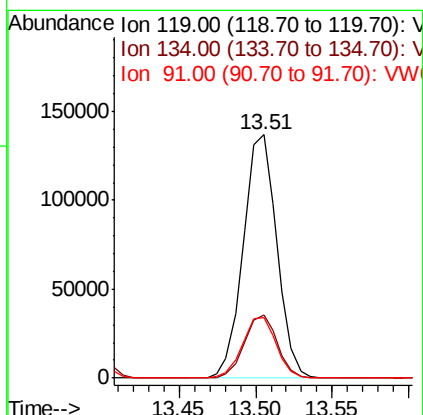
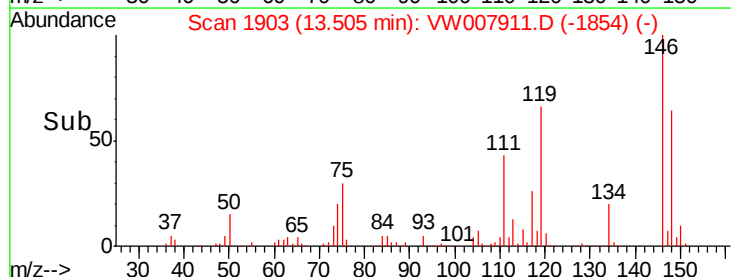
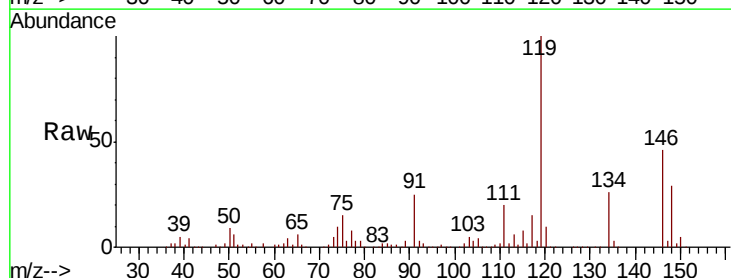
Tgt Ion:119 Resp: 207666

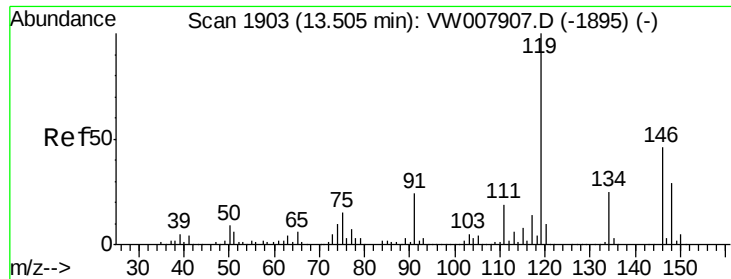
Ion Ratio Lower Upper

119 100

134 25.6 12.8 38.3

91 25.2 12.7 38.1





#87

1,3-Dichlorobenzene

Concen: 50.511 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

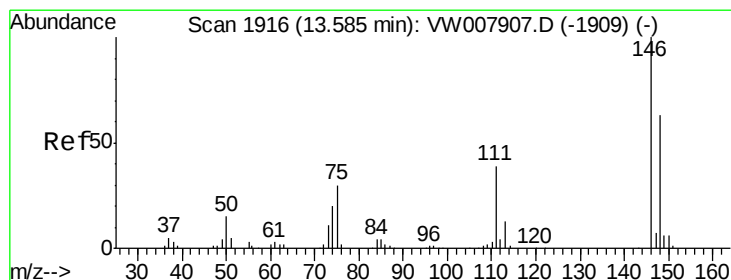
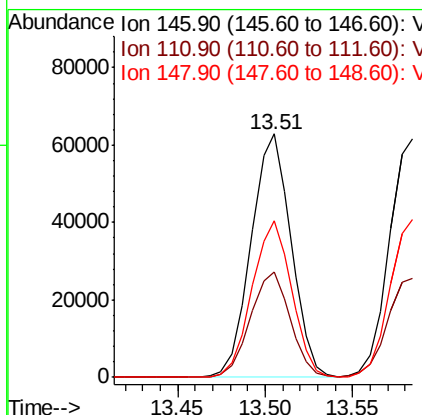
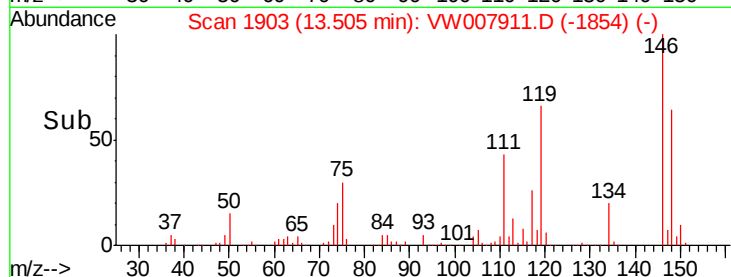
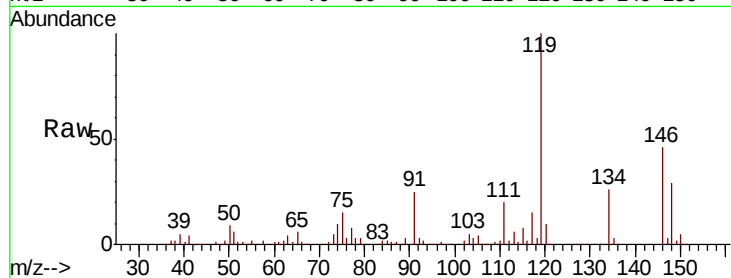
Instrument :
MSVOA_W

ClientSampleId :
ICVW122618

Tot Ion	Ratio	Lower	Upper
146	100		
111	43.2	21.4	64.2
148	63.7	31.6	94.8

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#88

1,4-Dichlorobenzene

Concen: 51.130 ug/l

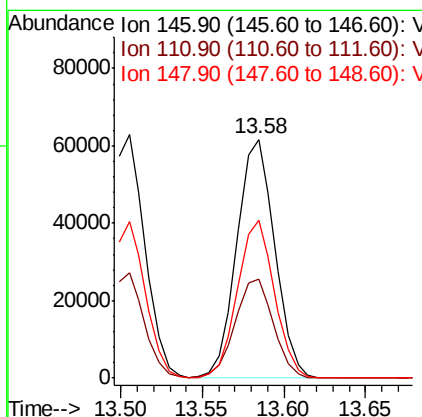
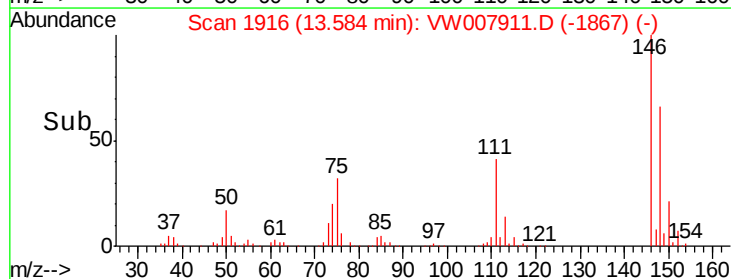
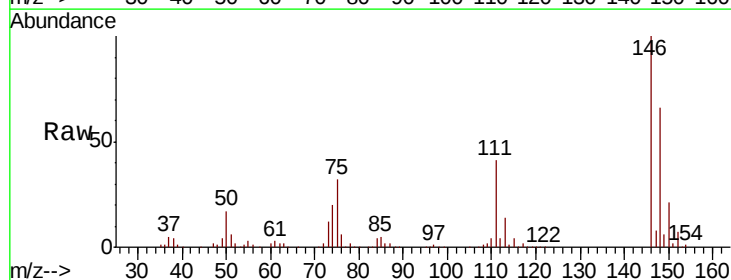
RT: 13.58 min Scan# 1916

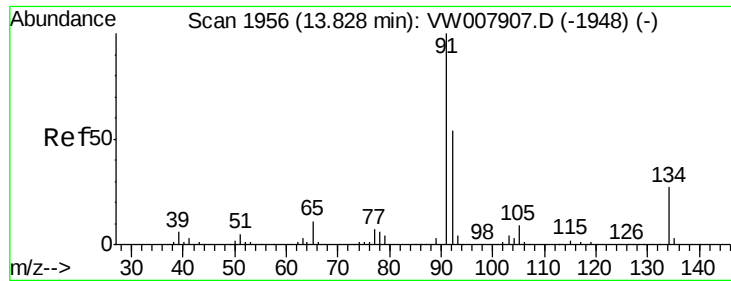
Delta R.T. -0.00 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.9	20.8	62.5
148	64.6	31.9	95.5





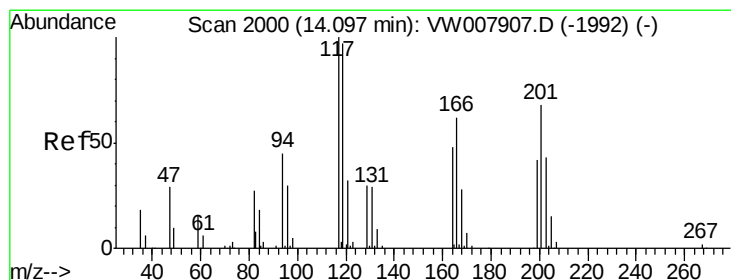
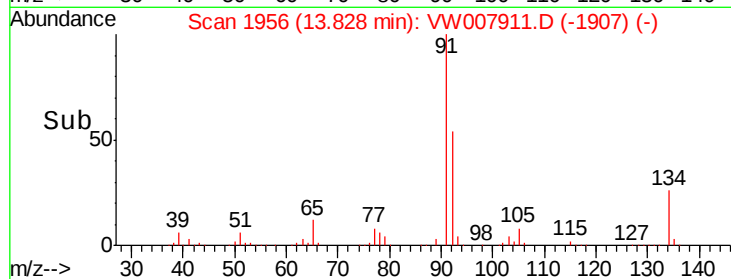
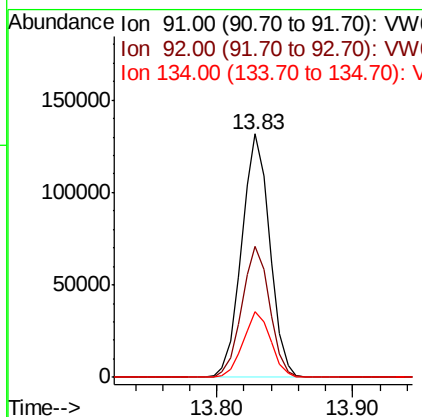
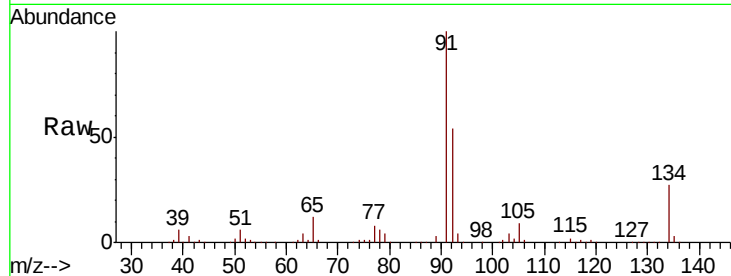
#89
n-Butylbenzene
Concen: 51.067 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Instrument :
MSVOA_W
ClientSampleId :
ICVW122618

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.8	80.4
134	26.6	13.2	39.5

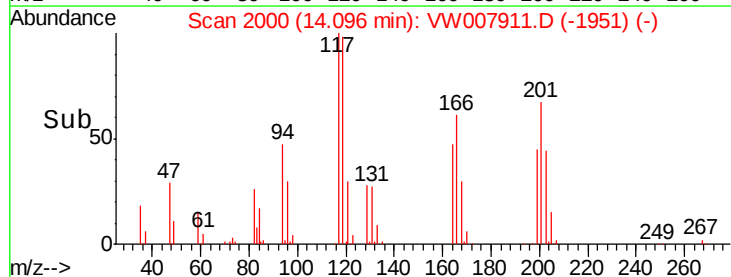
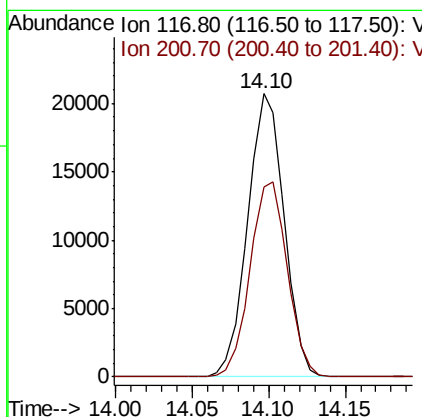
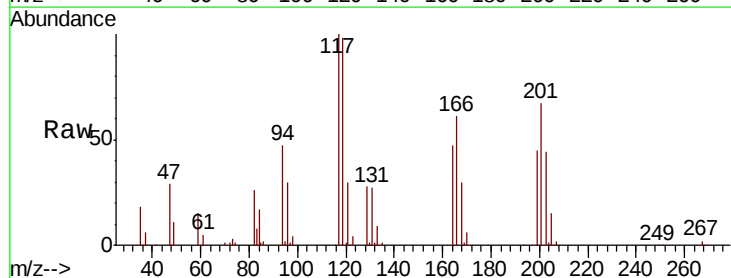
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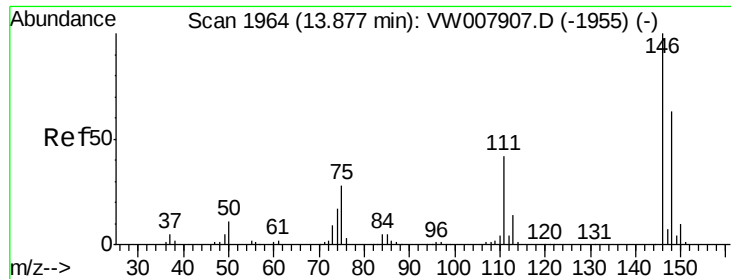
apatel
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#90
Hexachloroethane
Concen: 53.343 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007911.D
Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
117	100		
201	70.1	35.0	105.0





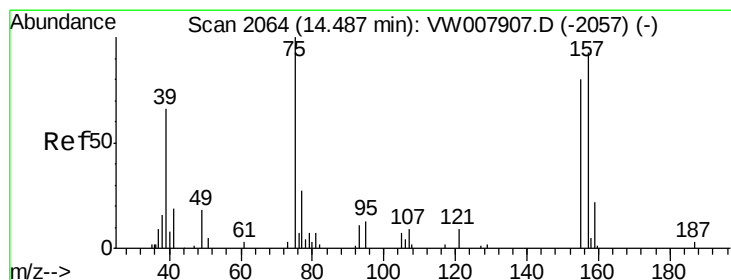
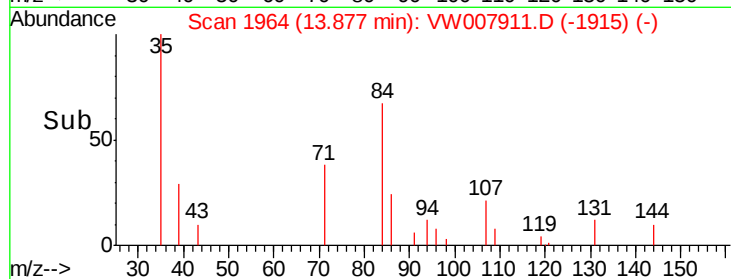
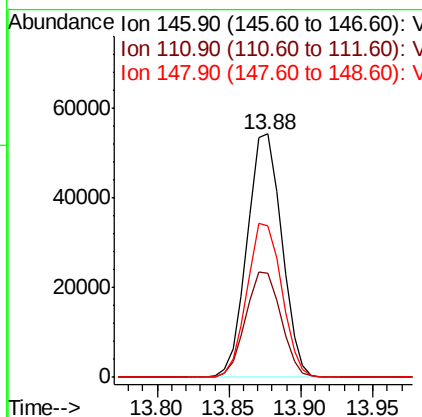
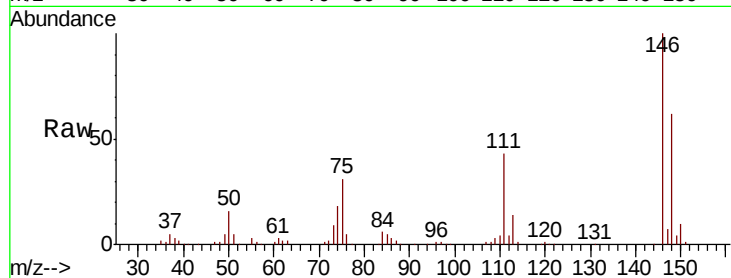
#91
 1,2-Dichlorobenzene
 Concen: 51.258 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122618

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.0	66.0
148	63.5	31.6	95.0

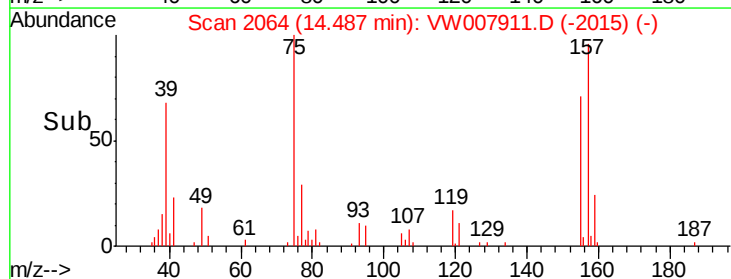
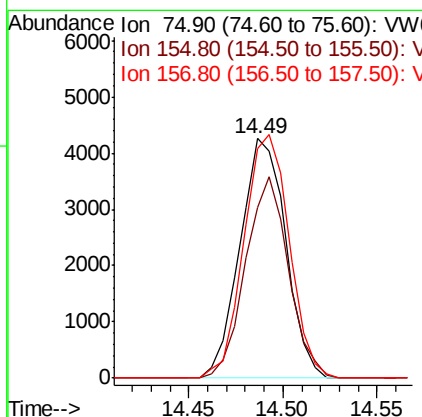
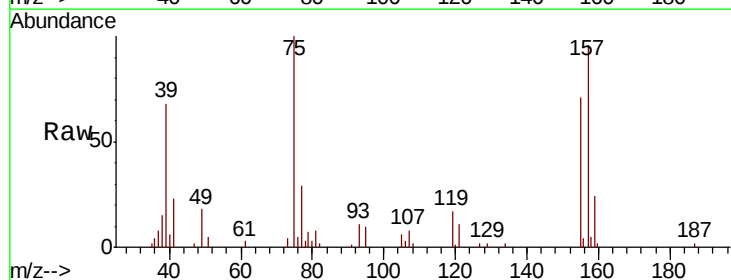
Manual Integrations
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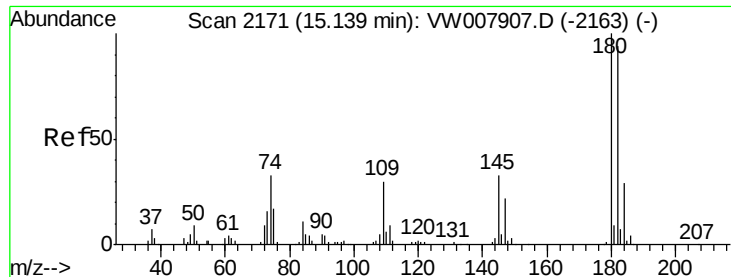
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 55.146 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Lower	Upper
75	100		
155	78.8	38.8	116.3
157	101.0	48.1	144.3





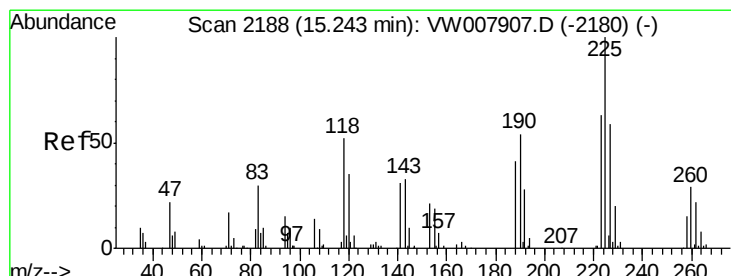
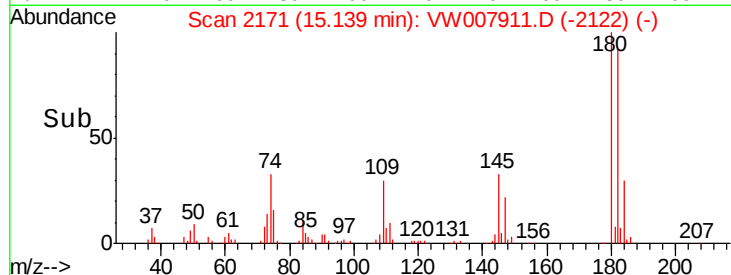
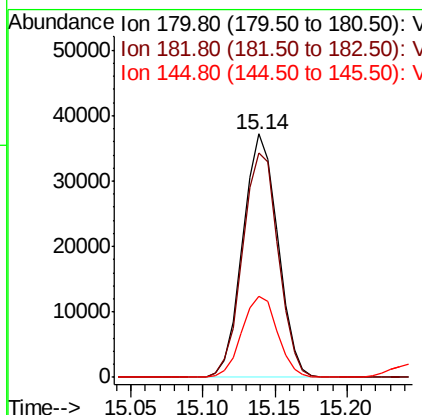
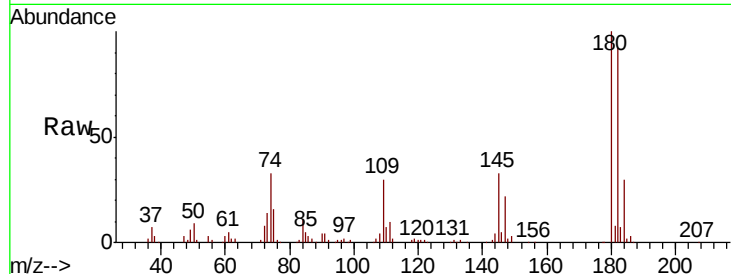
#93
 1,2,4-Trichlorobenzene
 Concen: 52.687 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Instrument :
 MSVOA_W
 ClientSampleId :
 ICVVW122618

Tot Ion	Ratio	Resp	Lower	Upper
180	100	62568		
182	94.1		47.6	142.9
145	34.0		17.2	51.6

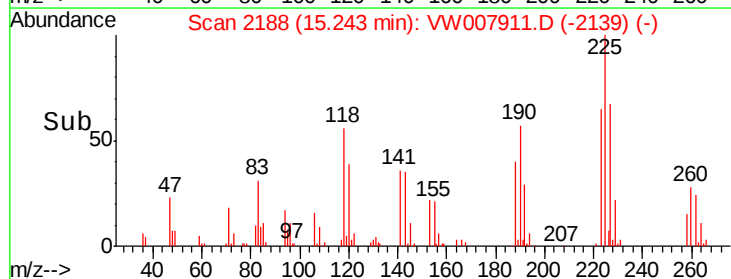
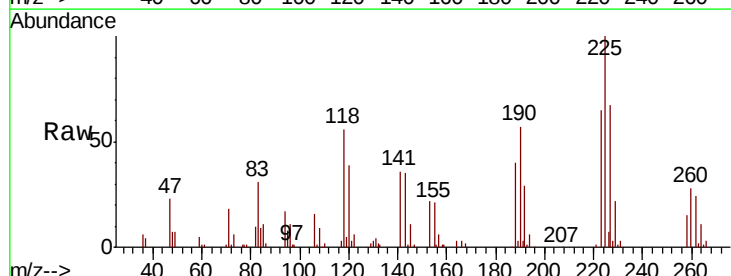
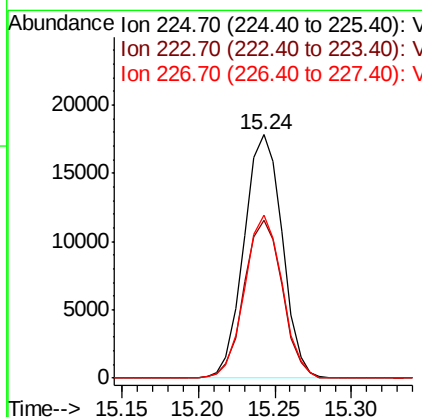
Manual Integrations
 APPROVED

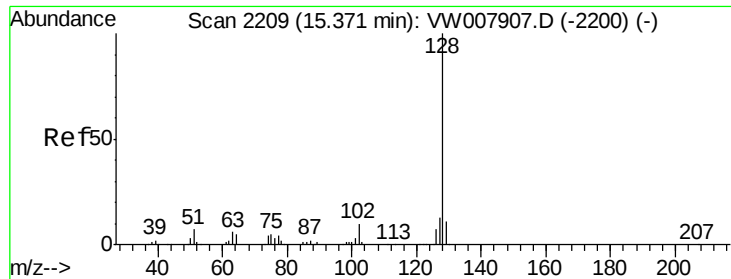
apatel
 12/27/2018 11:18:10 AM



#94
 Hexachlorobutadiene
 Concen: 50.621 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. -0.00 min
 Lab File: VW007911.D
 Acq: 25 Dec 2018 02:13

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	31023		
223	64.7		31.4	94.0
227	65.6		30.6	91.6





#95

Naphthalene

Concen: 55.299 ug/l

RT: 15.38 min Scan# 2210

Delta R.T. 0.01 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Instrument :

MSVOA_W

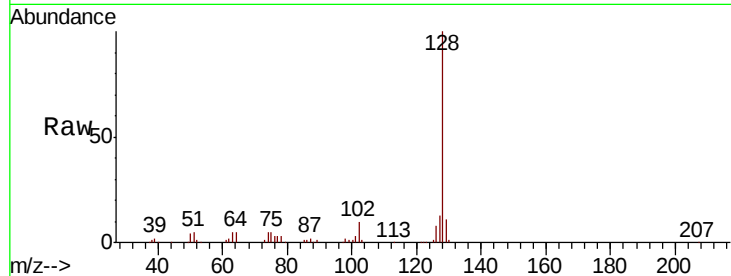
ClientSampleId :

ICVW122618

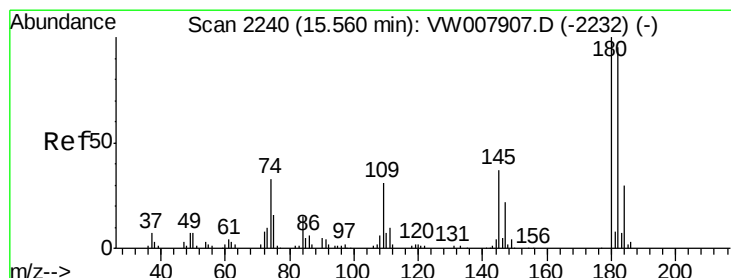
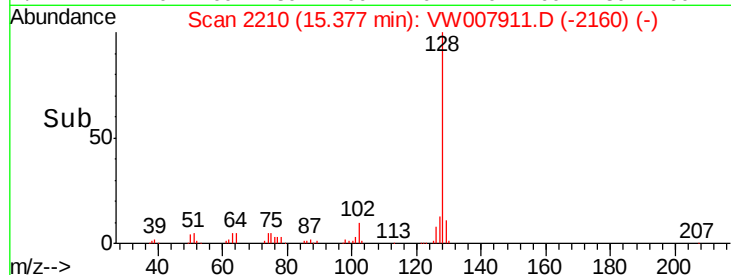
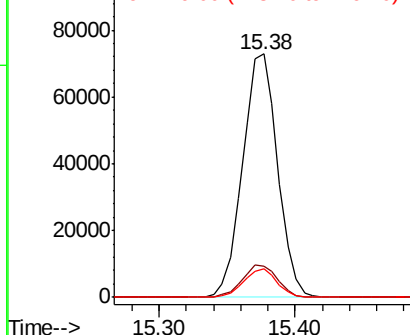
Tot Ion:	128	Resp:	130540
Ion Ratio	Lower	Upper	
128	100		
127	13.5	10.7	16.1
129	11.2	8.4	12.6

Manual Integrations
APPROVED

apatel
12/27/2018 11:18:10 AM



Abundance Ion 128.00 (127.70 to 128.70): V
100000
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.676 ug/l

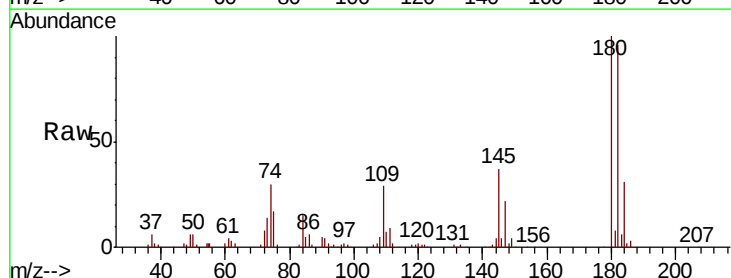
RT: 15.57 min Scan# 2241

Delta R.T. 0.01 min

Lab File: VW007911.D

Acq: 25 Dec 2018 02:13

Tgt Ion:	180	Resp:	55476
Ion Ratio	Lower	Upper	
180	100		
182	94.2	46.6	139.8
145	36.0	18.1	54.1



Abundance Ion 179.80 (179.50 to 180.50): V
40000
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

