

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW121818\
 Data File : VW007606.D
 Acq On : 16 Dec 2018 03:23
 Operator : SY/AP
 Sample : J6378-12MS
 Misc : 3.54G/5ML/MSVOA_W/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Manual Integrations
 APPROVED

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 12/17/2018 4:40:47 PM

Quant Time: Dec 17 00:44:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W121118S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 11 02:58:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	39338	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	67897	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	30134	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	7261	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	30902	70.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	141.62%	
35) Dibromofluoromethane	7.88	113	25268	61.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	122.96%	
50) Toluene-d8	10.34	98	64937	42.14	ug/l	0.02
Spiked Amount	50.000		Recovery	=	84.28%	
62) 4-Bromofluorobenzene	12.62	95	10921	19.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	38.54%	

Target Compounds					Qvalue
2) Dichlorodifluoromethane	2.01	85	19202	69.852	ug/l 93
3) Chloromethane	2.21	50	18638	80.955	ug/l 98
4) Vinyl Chloride	2.37	62	28543	105.645	ug/l 96
5) Bromomethane	2.78	94	15905	87.617	ug/l 99
6) Chloroethane	2.93	64	13464	90.530	ug/l 97
7) Trichlorofluoromethane	3.26	101	11589	47.710	ug/l 99
8) Diethyl Ether	3.68	74	15808	83.150	ug/l 99
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18632	46.487	ug/l 99
10) Methyl Iodide	4.27	142	45018	67.818	ug/l 98
11) Tert butyl alcohol	5.17	59	12331	411.403	ug/l # 74
12) 1,1-Dichloroethene	4.04	96	28796	74.621	ug/l 98
13) Acrolein	3.89	56	2464	124.238	ug/l # 81
14) Allyl chloride	4.66	41	28274	49.707	ug/l 99
15) Acrylonitrile	5.37	53	35955	448.627	ug/l # 82
16) Acetone	4.12	43	46046	604.038	ug/l 96
17) Carbon Disulfide	4.37	76	75013	64.111	ug/l 99
18) Methyl Acetate	4.67	43	46919	226.775	ug/l 99
19) Methyl tert-butyl Ether	5.42	73	39669	68.143	ug/l # 1
20) Methylene Chloride	4.92	84	33545	83.059	ug/l # 81
21) trans-1,2-Dichloroethene	5.42	96	29178	67.591	ug/l 95
22) Diisopropyl ether	6.31	45	74134	67.805	ug/l 98
23) Vinyl Acetate	6.25	43	62398	102.033	ug/l 99
24) 1,1-Dichloroethane	6.21	63	52597	71.178	ug/l 98
25) 2-Butanone	7.17	43	58219	585.005	ug/l 97
26) 2,2-Dichloropropane	7.16	77	23260	47.561	ug/l 83
27) cis-1,2-Dichloroethene	7.16	96	67832	143.507	ug/l 96
28) Bromochloromethane	7.51	49	20146	72.480	ug/l 99
29) Tetrahydrofuran	7.53	42	30439	483.143	ug/l 96
30) Chloroform	7.67	83	55622	69.168	ug/l 98
31) Cyclohexane	7.96	56	304623	449.312	ug/l 96
32) 1,1,1-Trichloroethane	7.88	97	35483	50.317	ug/l 98
36) 1,1-Dichloropropene	8.09	75	30838	49.789	ug/l 99
37) Ethyl Acetate	7.25	43	19885	86.318	ug/l 98
38) Carbon Tetrachloride	8.07	117	30730	45.598	ug/l 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	317828	423.768	ug/l	90
40) Benzene	8.32	78	635518	369.726	ug/l	100
41) Methacrylonitrile	7.49	41	12272	93.547	ug/l	97
42) 1,2-Dichloroethane	8.40	62	43528	80.614	ug/l #	69
43) Isopropyl Acetate	8.43	43	50872	111.794	ug/l #	88
44) Trichloroethene	9.09	130	23762	48.411	ug/l	91
45) 1,2-Dichloropropane	9.37	63	27164	68.291	ug/l	96
46) Dibromomethane	9.46	93	16114	71.336	ug/l	95
47) Bromodichloromethane	9.65	83	34694	58.554	ug/l	96
48) Methyl methacrylate	9.44	41	20196	86.417	ug/l	99
49) 1,4-Dioxane	9.45	88	6708	1830.192	ug/l	98
51) 4-Methyl-2-Pentanone	10.26	43	93258	433.736	ug/l	96
52) Toluene	10.40	92	41472581m	37282.997	ug/l	
53) t-1,3-Dichloropropene	10.62	75	29361	51.043	ug/l	91
54) cis-1,3-Dichloropropene	10.08	75	35817	53.863	ug/l	92
55) 1,1,2-Trichloroethane	10.78	97	38336	124.697	ug/l #	56
56) Ethyl methacrylate	10.65	69	34542	93.477	ug/l #	59
57) 1,3-Dichloropropane	10.94	76	28652	56.781	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	36150	212.141	ug/l	98
59) 2-Hexanone	10.97	43	78200	545.444	ug/l	82
60) Dibromochloromethane	11.13	129	18180	46.858	ug/l	100
61) 1,2-Dibromoethane	11.24	107	17021	56.024	ug/l	98
64) Tetrachloroethene	10.87	164	9870	45.546	ug/l	93
65) Chlorobenzene	11.66	112	2059591	3279.142	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.74	131	11567	52.289	ug/l	97
67) Ethyl Benzene	11.74	91	11797936	10925.447	ug/l #	84
68) m/p-Xylenes	11.87	106	20079844	47831.710	ug/l #	1
69) o-Xylene	12.18	106	6250997	15943.686	ug/l	94
70) Styrene	12.18	104	374131	590.791	ug/l #	1
71) Bromoform	12.36	173	8678	76.643	ug/l #	92
73) Isopropylbenzene	12.46	105	205783	369.870	ug/l	99
74) N-amyl acetate	12.26	43	19217	190.052	ug/l #	46
75) 1,1,2,2-Tetrachloroethane	12.72	83	14746	178.948	ug/l	98
76) 1,2,3-Trichloropropane	12.77	75	20871	348.611	ug/l #	1
77) Bromobenzene	12.75	156	10425	84.533	ug/l	68
78) n-propylbenzene	12.80	91	289031	461.609	ug/l	99
79) 2-Chlorotoluene	12.90	91	51436m	135.764	ug/l	
80) 1,3,5-Trimethylbenzene	12.95	105	395304	845.597	ug/l	95
81) trans-1,4-Dichloro-2-buten	12.52	75	4333	159.876	ug/l	97
82) 4-Chlorotoluene	12.99	91	26953	67.490	ug/l	87
83) tert-Butylbenzene	13.21	119	23465	56.965	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	1265620	2630.867	ug/l	100
85) sec-Butylbenzene	13.39	105	41337	73.511	ug/l	88
86) p-Isopropyltoluene	13.51	119	266797	528.131	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	105167	427.710	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	1089927	4409.183	ug/l	91
89) n-Butylbenzene	13.83	91	44626	95.290	ug/l #	81
90) Hexachloroethane	14.10	117	14719	163.753	ug/l #	35
91) 1,2-Dichlorobenzene	13.88	146	53548	243.147	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.49	75	3320	200.764	ug/l	68

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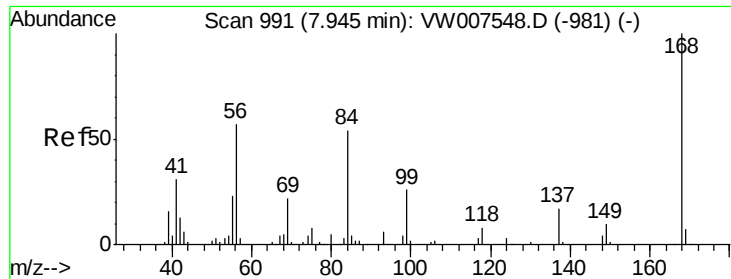
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.15	180	5047	33.301	ug/l #	58
94) Hexachlorobutadiene	15.24	225	1830	22.757	ug/l	93
95) Naphthalene	15.37	128	392525	1353.827	ug/l	98
96) 1,2,3-Trichlorobenzene	15.56	180	5830	44.282	ug/l #	37

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007606.D

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Tgt Ion: 168 Resp: 39338

Ion Ratio Lower Upper

168 100

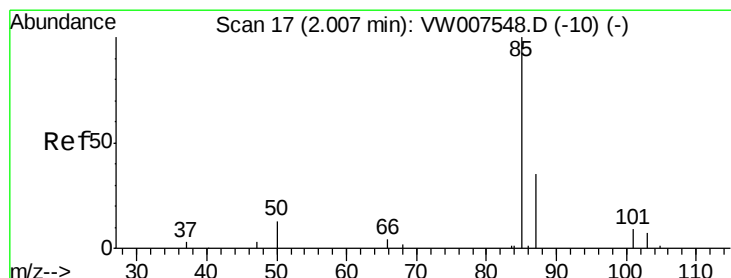
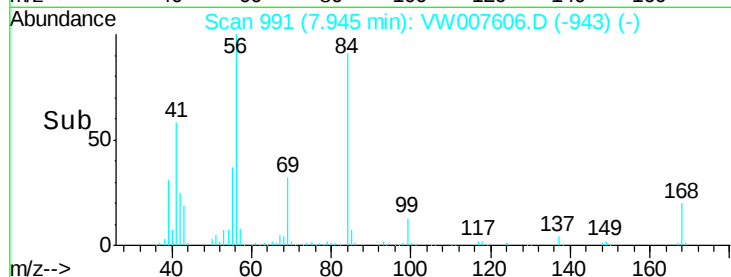
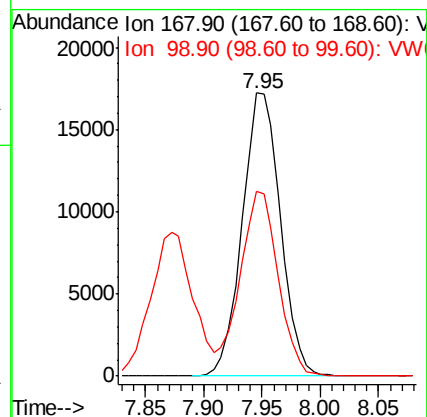
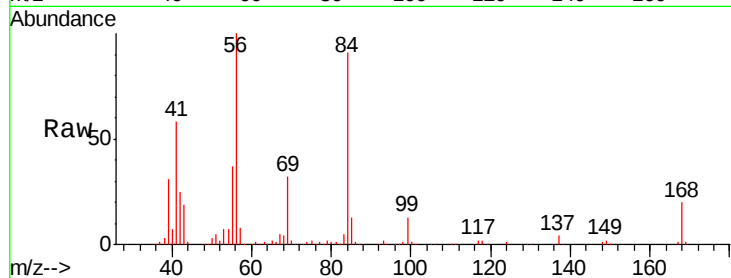
99 65.2 48.3 72.5

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#2

Dichlorodifluoromethane

Concen: 69.852 ug/l

RT: 2.01 min Scan# 17

Delta R.T. -0.00 min

Lab File: VW007606.D

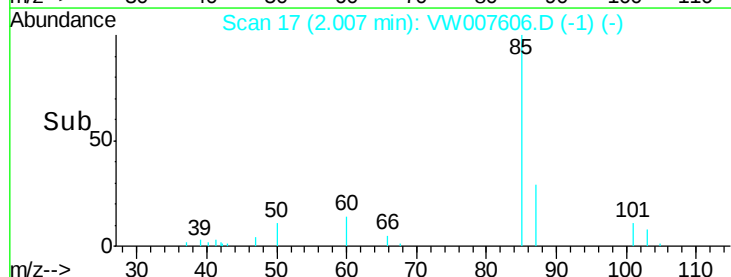
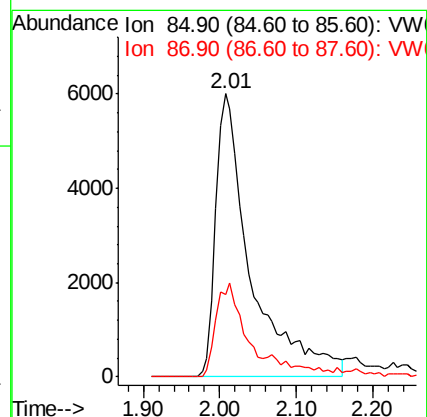
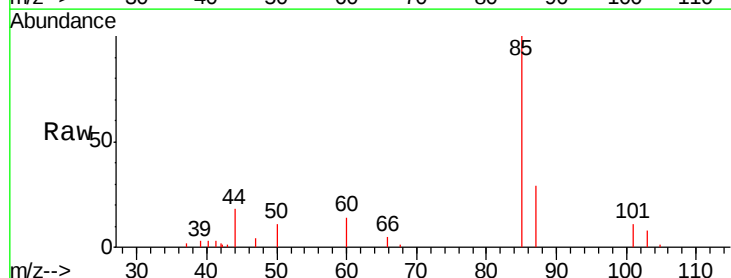
Acq: 16 Dec 2018 03:23

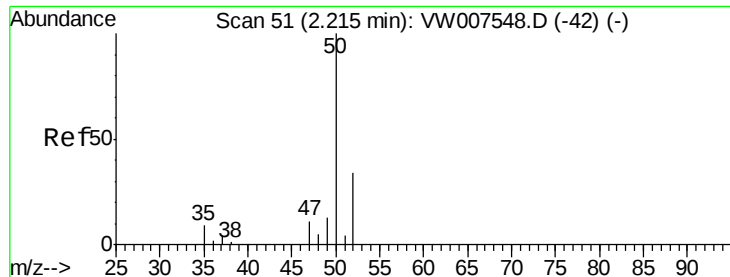
Tgt Ion: 85 Resp: 19202

Ion Ratio Lower Upper

85 100

87 29.1 16.6 49.7





#3

Chloromethane

Concen: 80.955 ug/l

RT: 2.21 min Scan# 51

Delta R.T. -0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

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ClientSampleId :

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Tgt Ion: 50 Resp: 18638

Ion Ratio Lower Upper

50 100

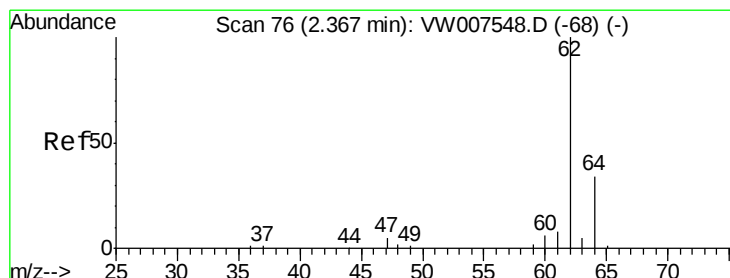
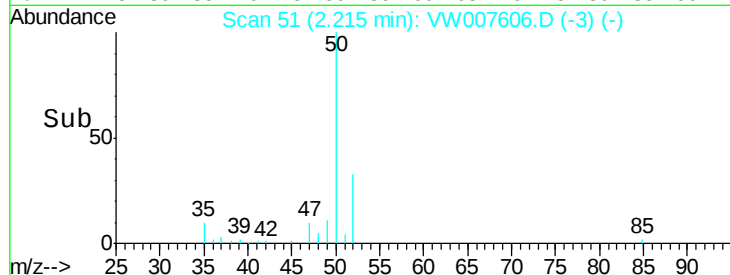
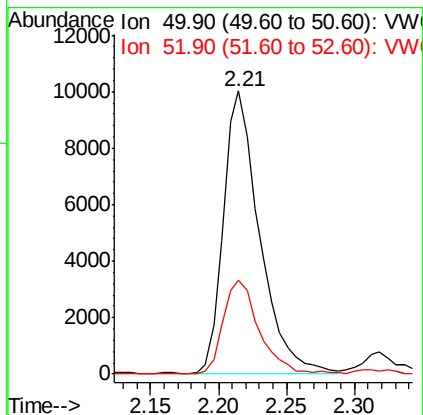
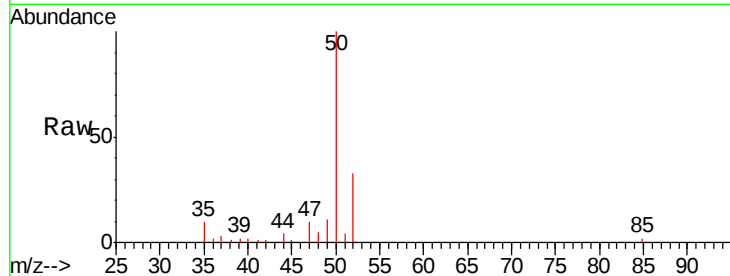
52 33.2 27.4 41.0

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#4

Vinyl Chloride

Concen: 105.645 ug/l

RT: 2.37 min Scan# 76

Delta R.T. -0.00 min

Lab File: VW007606.D

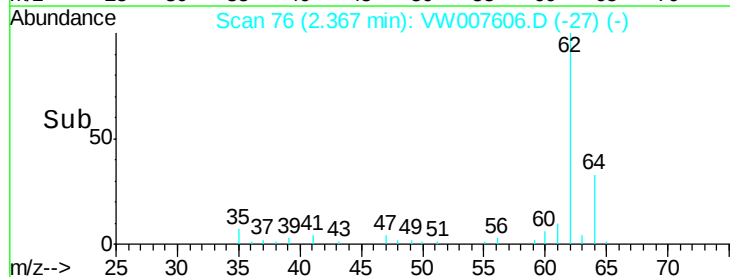
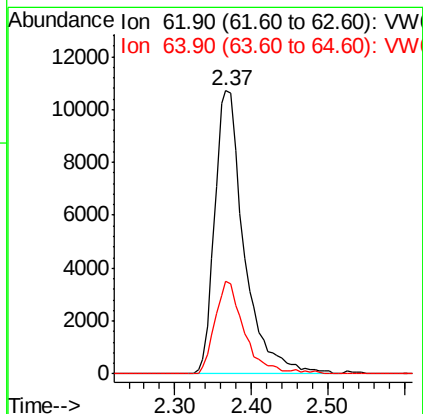
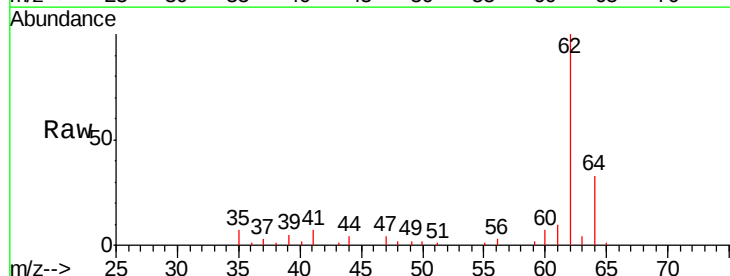
Acq: 16 Dec 2018 03:23

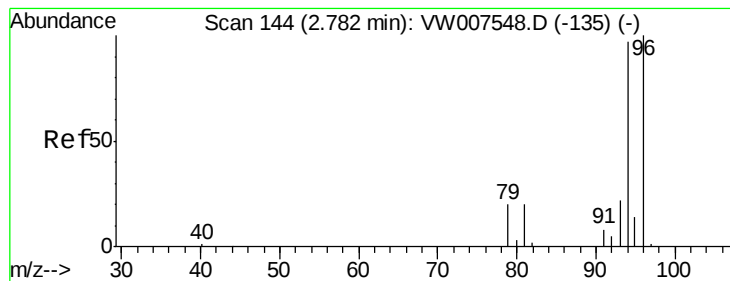
Tgt Ion: 62 Resp: 28543

Ion Ratio Lower Upper

62 100

64 32.9 24.6 37.0





#5

Bromomethane

Concen: 87.617 ug/l

RT: 2.78 min Scan# 144

Delta R.T. 0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

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Tgt Ion: 94 Resp: 15905

Ion Ratio Lower Upper

94 100

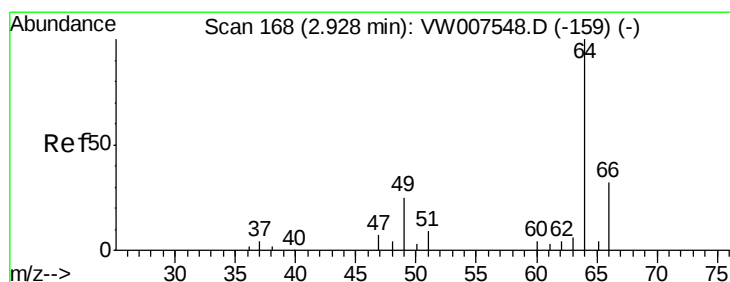
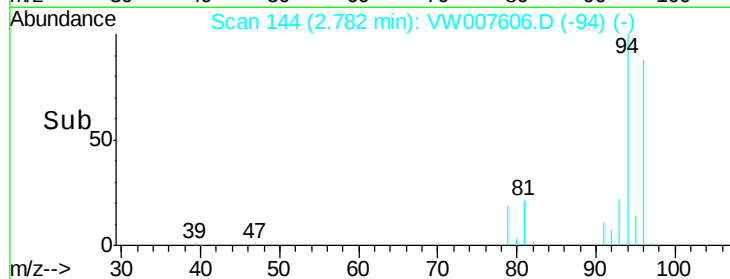
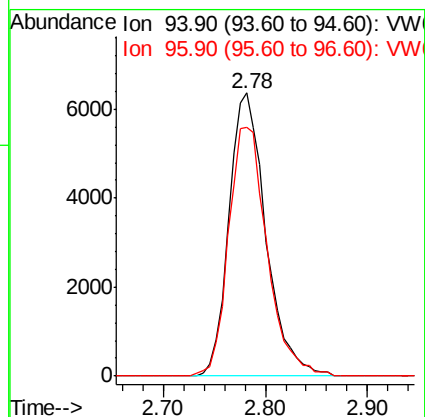
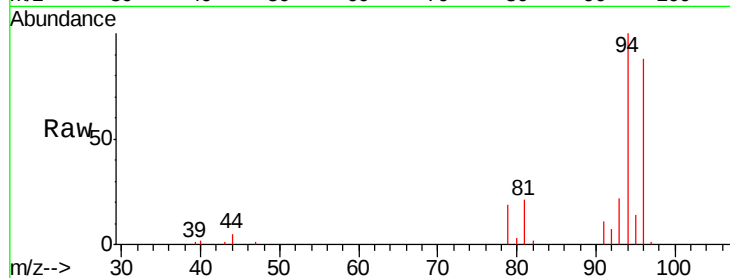
96 88.0 71.0 106.4

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#6

Chloroethane

Concen: 90.530 ug/l

RT: 2.93 min Scan# 168

Delta R.T. -0.00 min

Lab File: VW007606.D

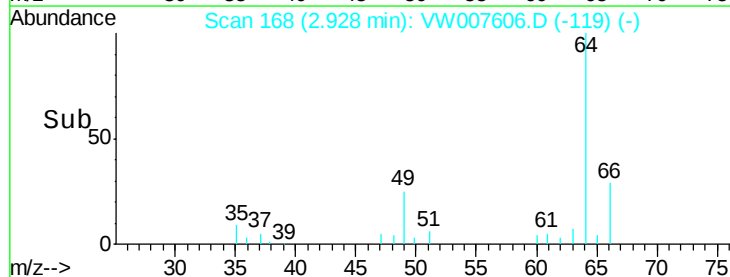
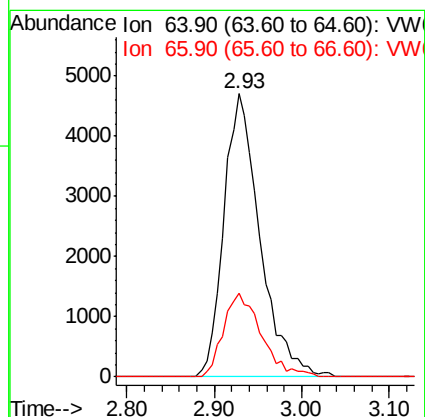
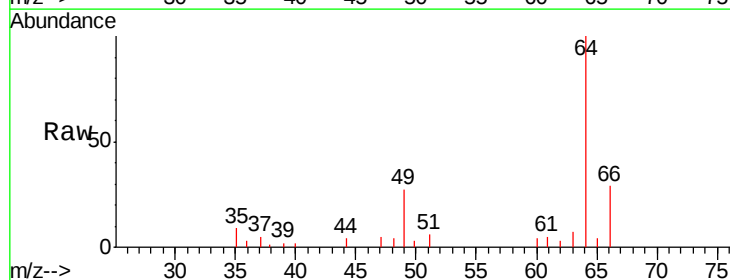
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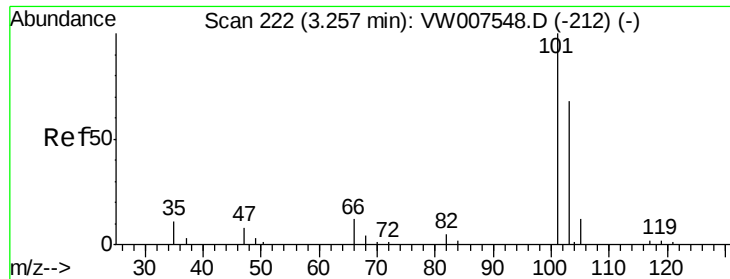
Tgt Ion: 64 Resp: 13464

Ion Ratio Lower Upper

64 100

66 29.4 24.6 37.0





#7

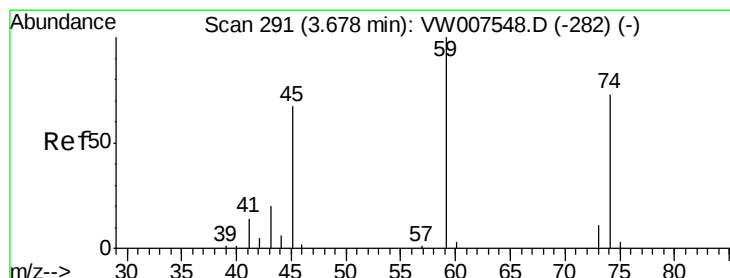
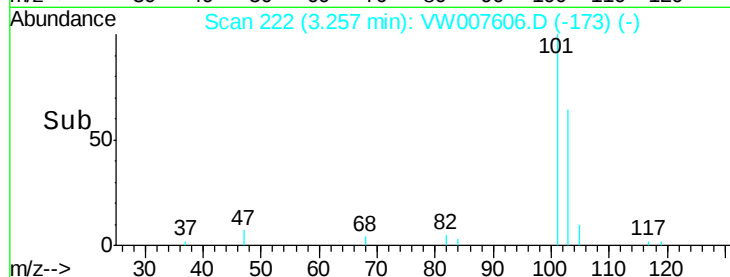
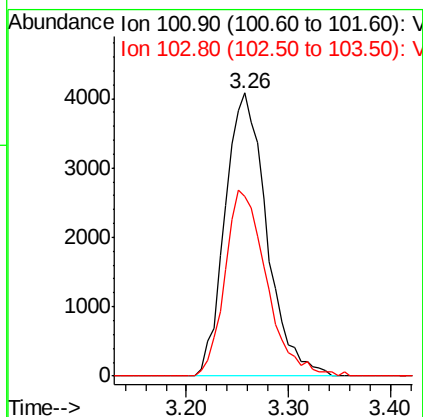
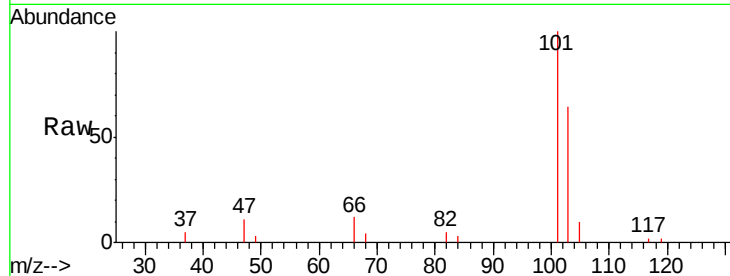
Trichlorofluoromethane
Concen: 47.710 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

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P001-SD012-0612-01MS

Tgt Ion: 101 Resp: 11589
Ion Ratio Lower Upper
101 100
103 63.5 51.7 77.5

Manual Integrations
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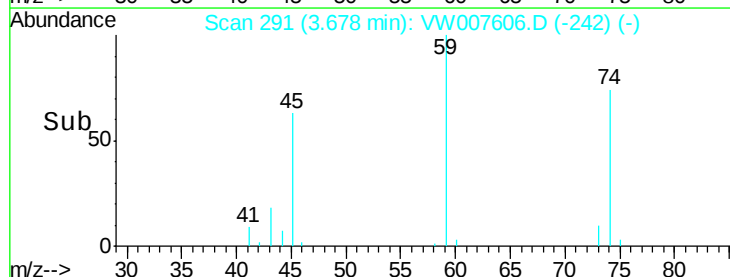
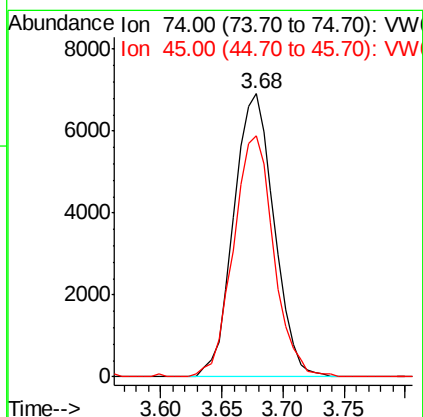
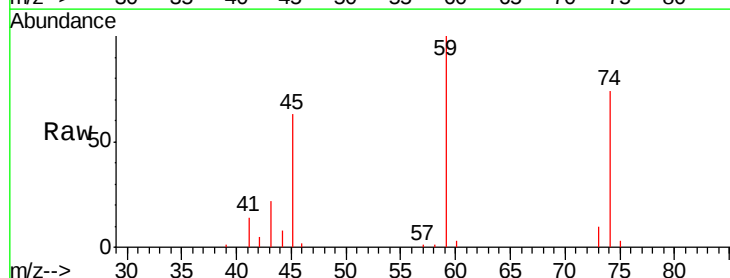
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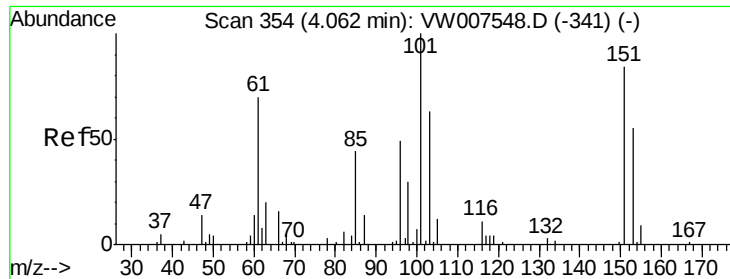


#8

Diethyl Ether
Concen: 83.150 ug/l
RT: 3.68 min Scan# 291
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion: 74 Resp: 15808
Ion Ratio Lower Upper
74 100
45 85.1 43.0 129.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.487 ug/l

RT: 4.06 min Scan# 353

Delta R.T. 0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

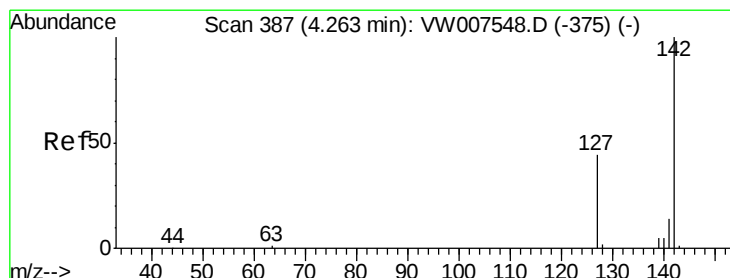
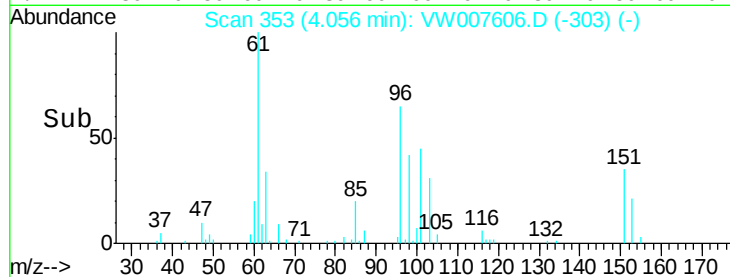
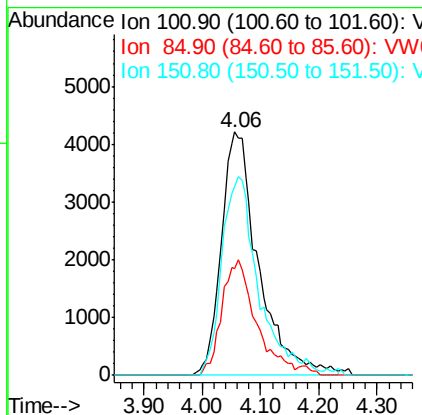
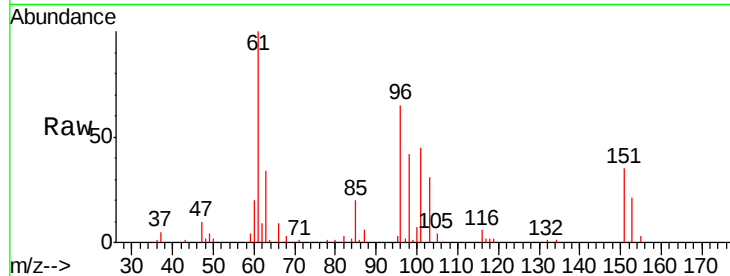
ClientSampleId :

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Tgt Ion:	101	Resp:	18632
Ion Ratio	Lower	Upper	
101	100		
85	43.4	33.9	50.9
151	79.0	63.7	95.5

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#10

Methyl Iodide

Concen: 67.818 ug/l

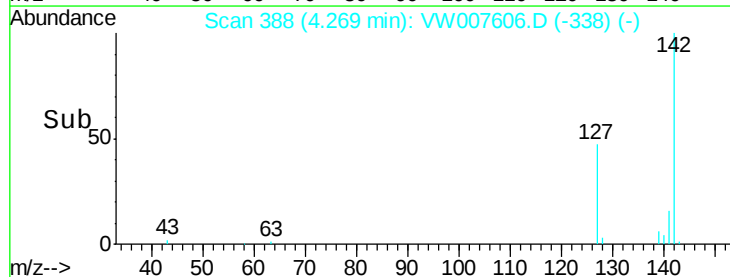
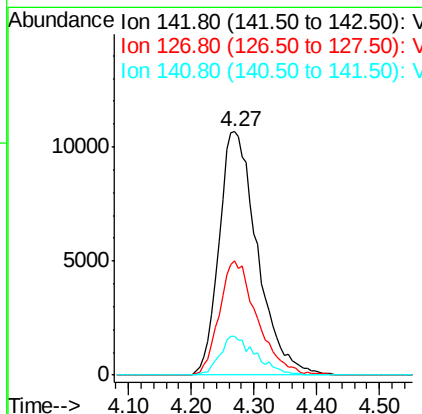
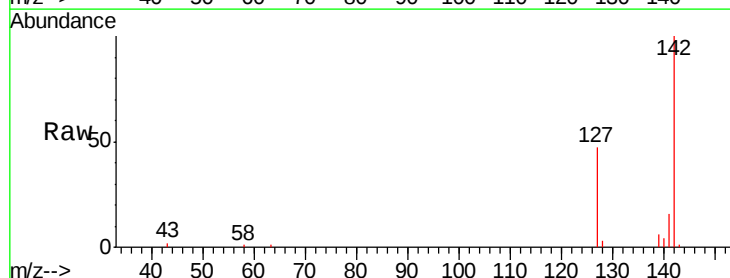
RT: 4.27 min Scan# 388

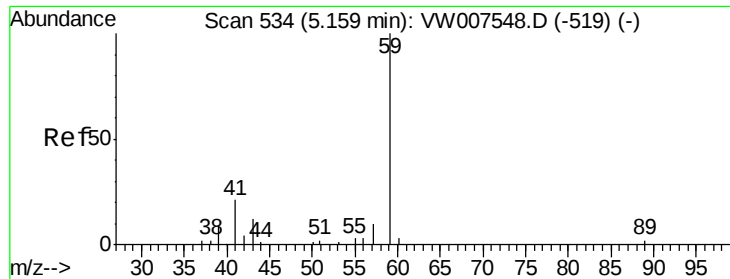
Delta R.T. 0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Tgt Ion:	142	Resp:	45018
Ion Ratio	Lower	Upper	
142	100		
127	46.2	35.8	53.6
141	15.0	11.1	16.7





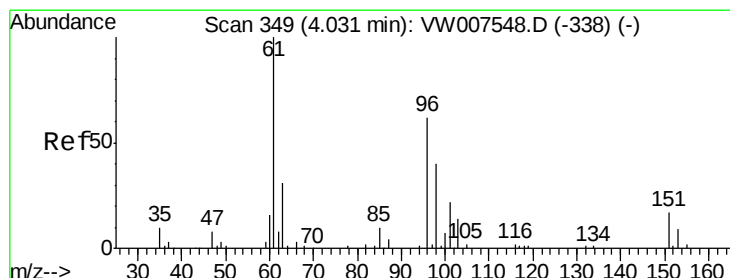
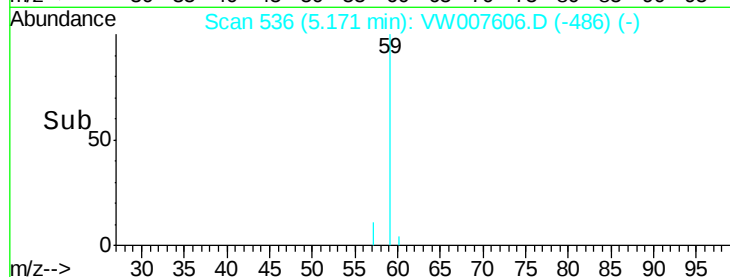
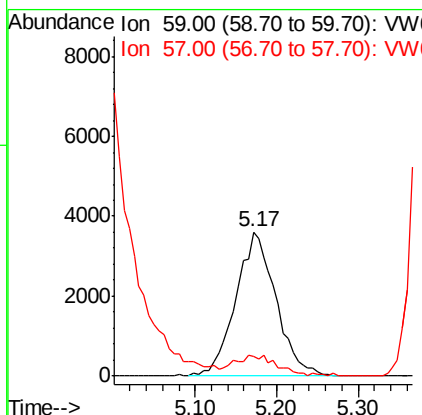
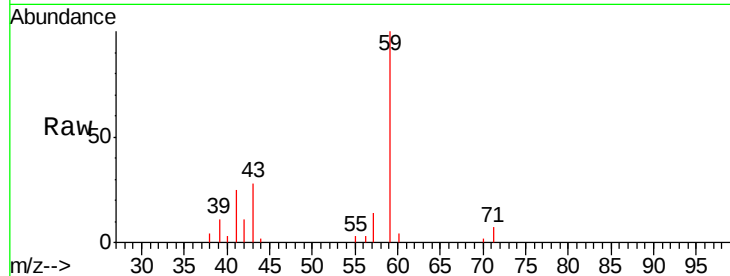
#11
Tert butyl alcohol
Concen: 411.403 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion: 59 Resp: 12331
Ion Ratio Lower Upper
59 100
57 0.0 7.6 11.4#

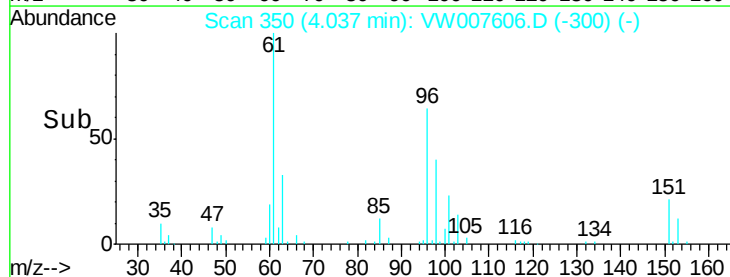
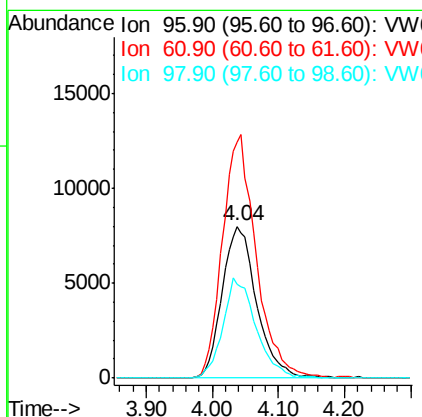
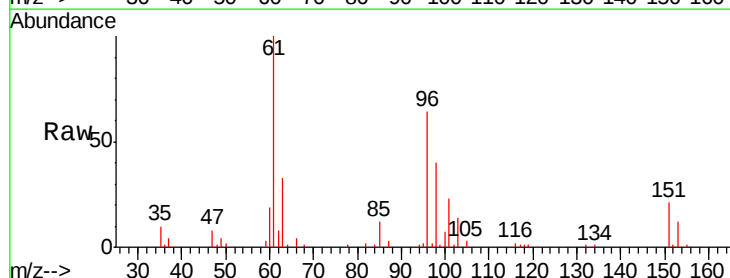
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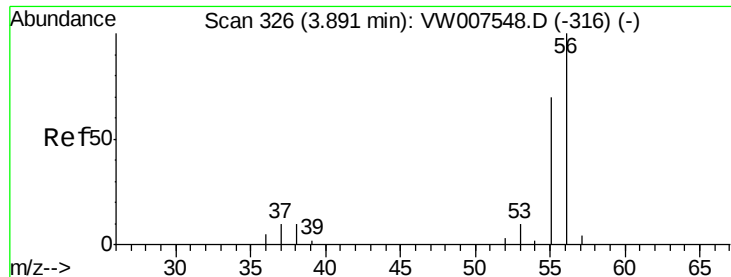
apatel
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#12
1,1-Dichloroethene
Concen: 74.621 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion: 96 Resp: 28796
Ion Ratio Lower Upper
96 100
61 155.1 126.2 189.2
98 61.8 48.3 72.5





#13

Acrolein

Concen: 124.238 ug/l

RT: 3.89 min Scan# 325

Delta R.T. -0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion: 56 Resp: 2464

Ion Ratio Lower Upper

56 100

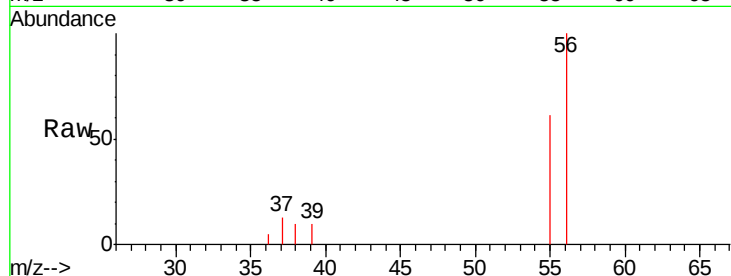
55 87.7 57.4 86.2#

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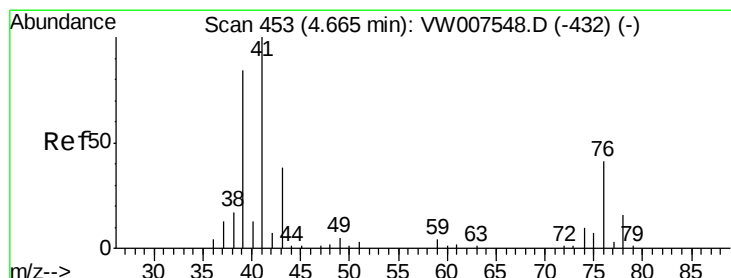
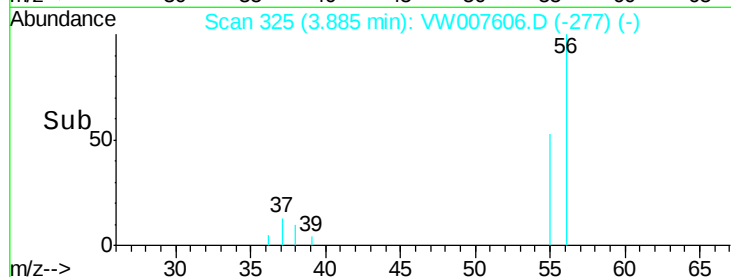
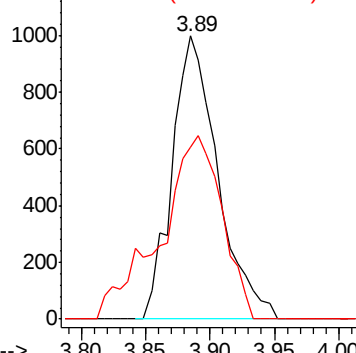
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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 49.707 ug/l

RT: 4.66 min Scan# 452

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

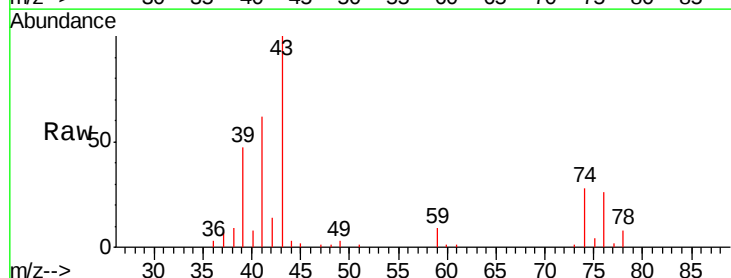
Tgt Ion: 41 Resp: 28274

Ion Ratio Lower Upper

41 100

39 78.2 63.4 95.2

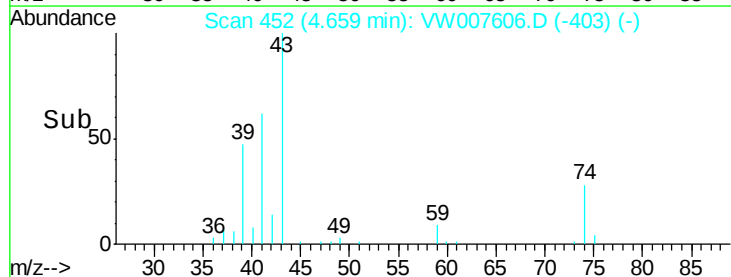
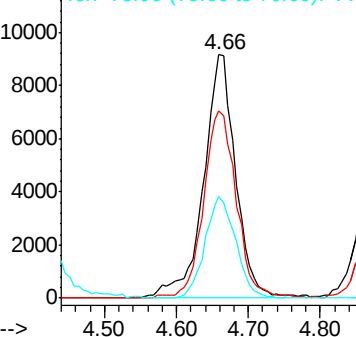
76 40.0 32.1 48.1

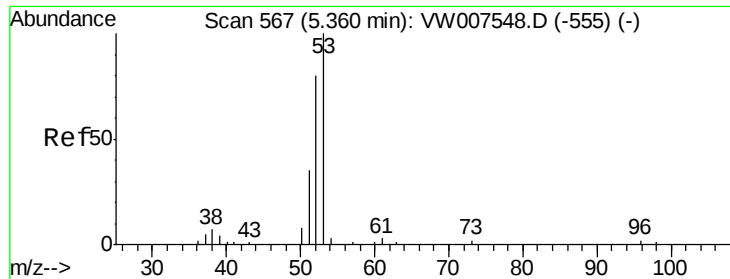


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 448.627 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

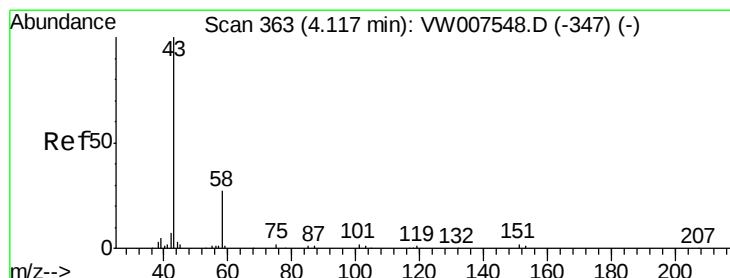
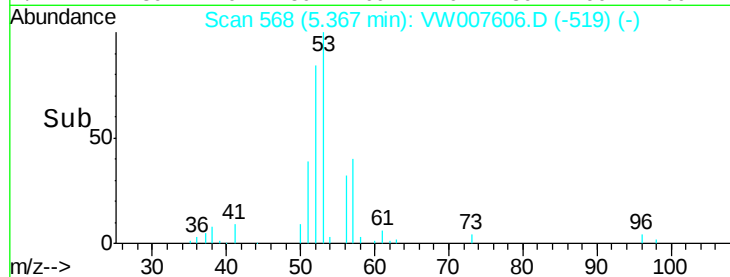
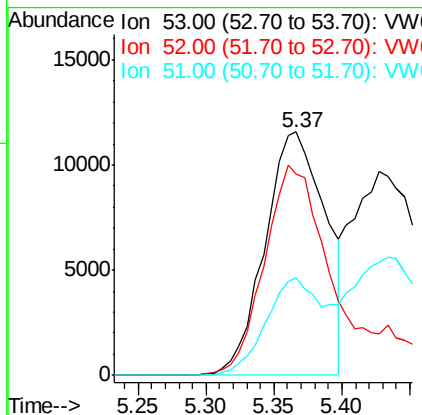
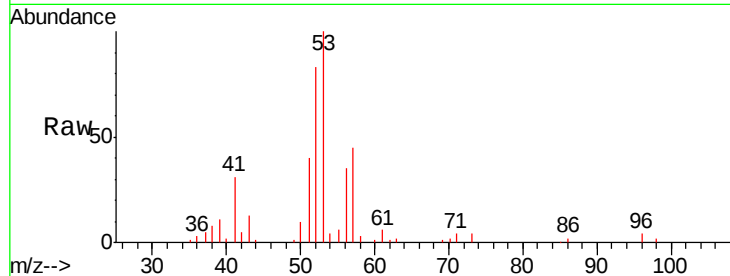
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	53	Resp:	35955
Ion	Ratio	Lower	Upper
53	100		
52	107.3	67.4	101.2#
51	37.0	30.2	45.2

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#16

Acetone

Concen: 604.038 ug/l

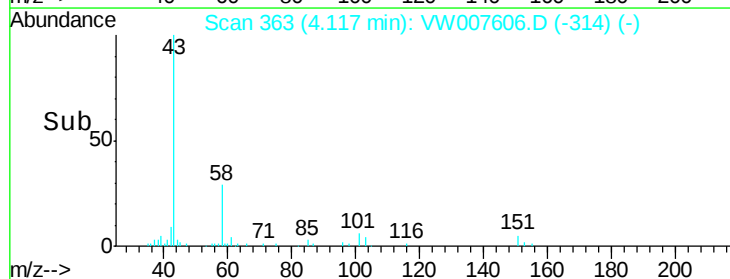
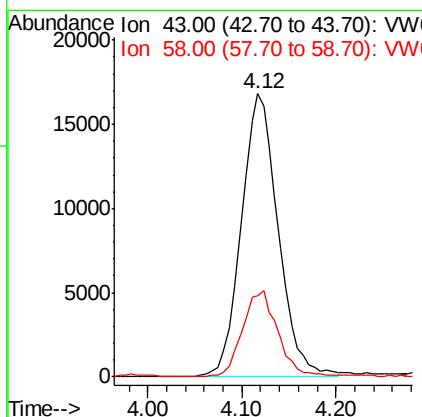
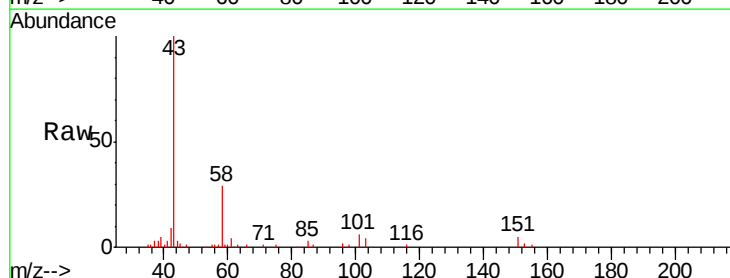
RT: 4.12 min Scan# 363

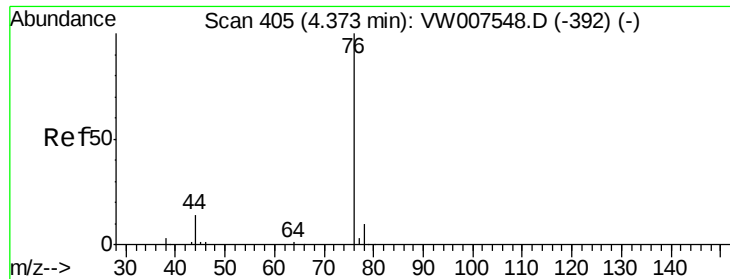
Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Tgt Ion:	43	Resp:	46046
Ion	Ratio	Lower	Upper
43	100		
58	28.9	24.9	37.3





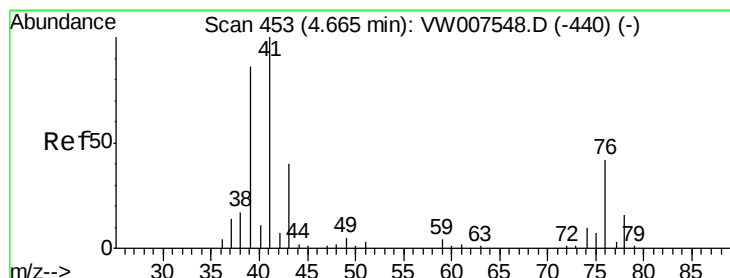
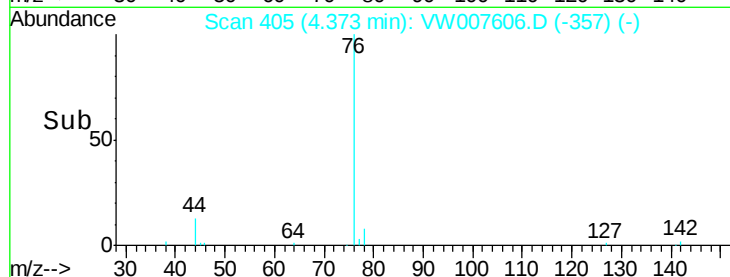
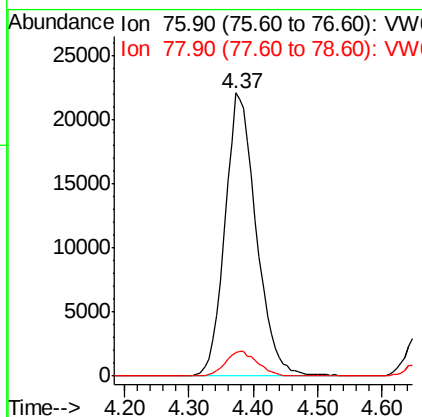
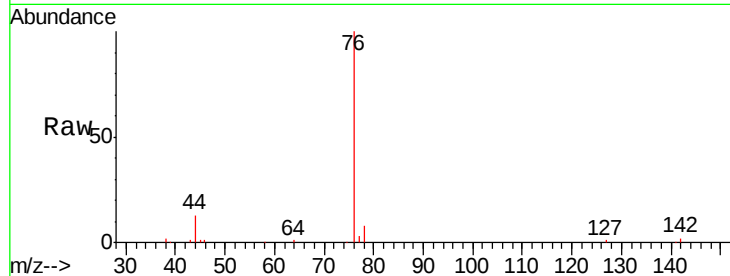
#17
Carbon Disulfide
Concen: 64.111 ug/l
RT: 4.37 min Scan# 405
Delta R.T. -0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion: 76 Resp: 75013
Ion Ratio Lower Upper
76 100
78 8.4 7.1 10.7

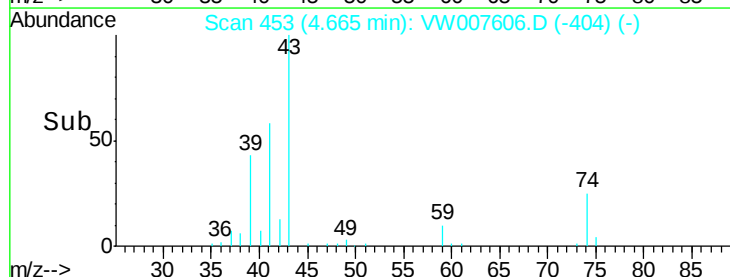
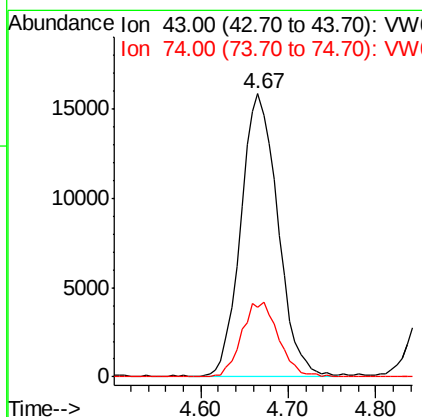
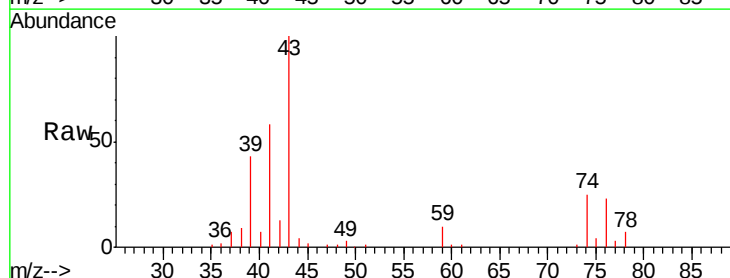
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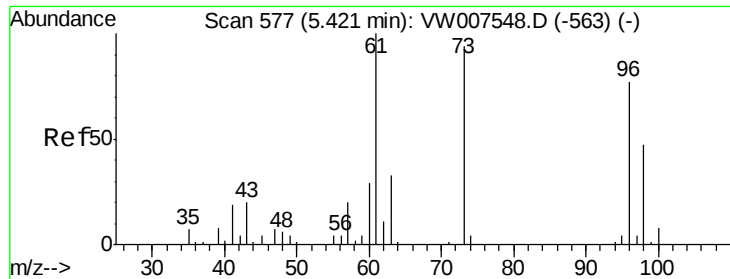
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#18
Methyl Acetate
Concen: 226.775 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion: 43 Resp: 46919
Ion Ratio Lower Upper
43 100
74 26.1 21.1 31.7





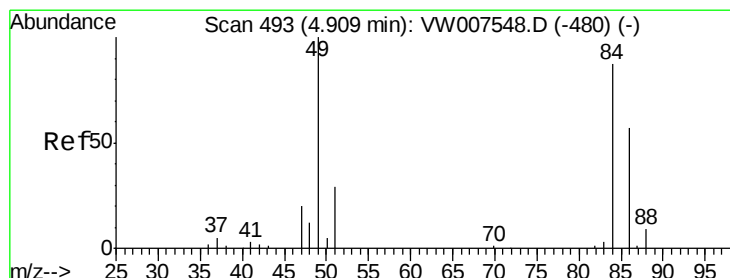
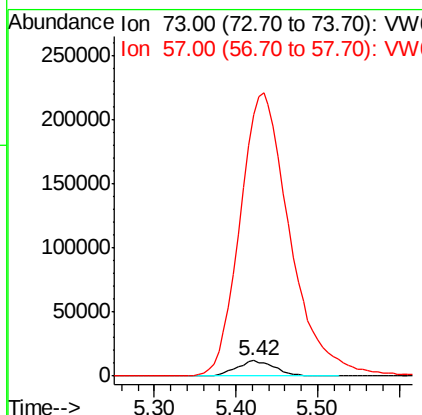
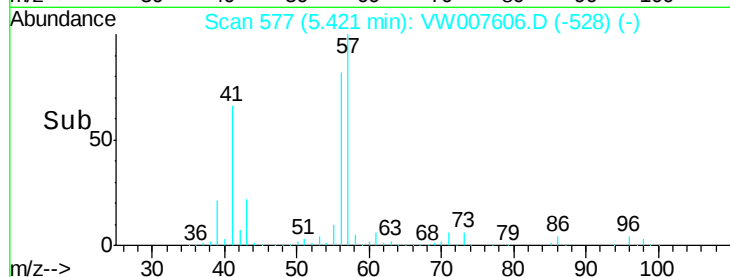
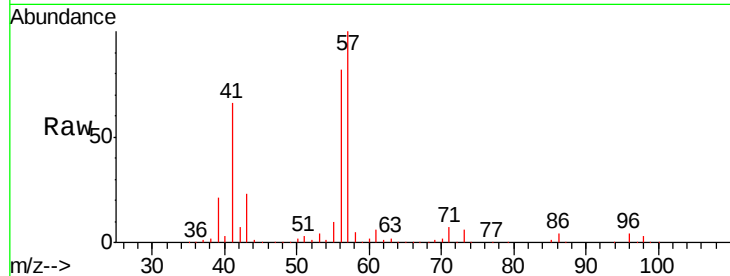
#19
Methyl tert-butyl Ether
Concen: 68.143 ug/l
RT: 5.42 min Scan# 577
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion: 73 Resp: 39669
Ion Ratio Lower Upper
73 100
57 1700.6 16.4 24.6

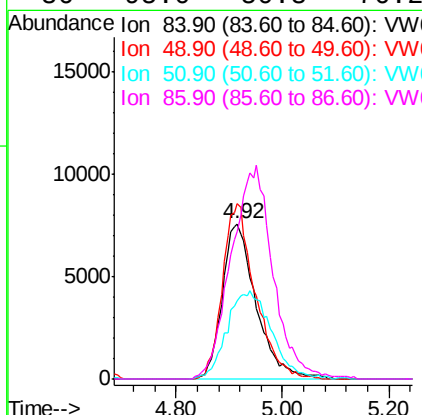
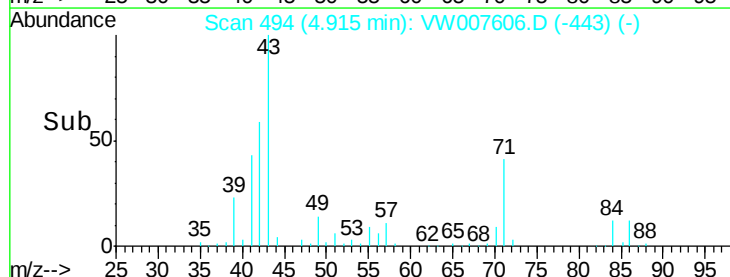
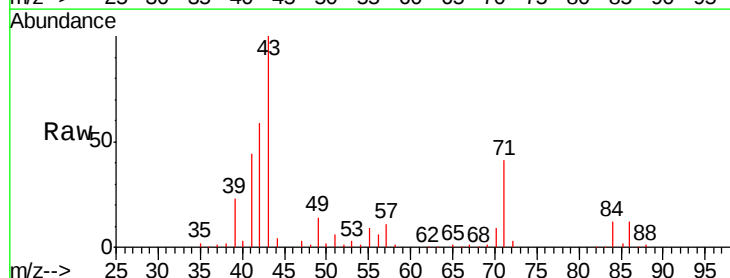
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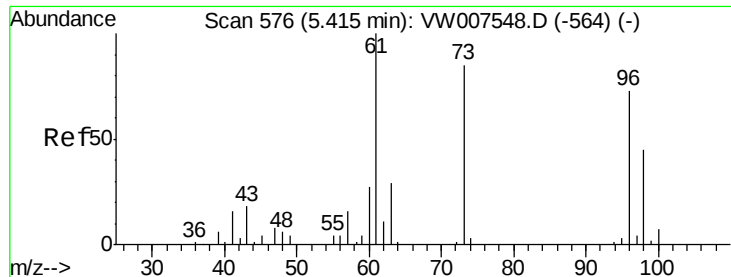
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#20
Methylene Chloride
Concen: 83.059 ug/l
RT: 4.92 min Scan# 494
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion: 84 Resp: 33545
Ion Ratio Lower Upper
84 100
49 112.7 87.1 130.7
51 49.9 28.2 42.2#
86 95.0 50.8 76.2#





#21

trans-1,2-Dichloroethene

Concen: 67.591 ug/l

RT: 5.42 min Scan# 576

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion: 96 Resp: 29178

Ion Ratio Lower Upper

96 100

61 137.8 105.0 157.6

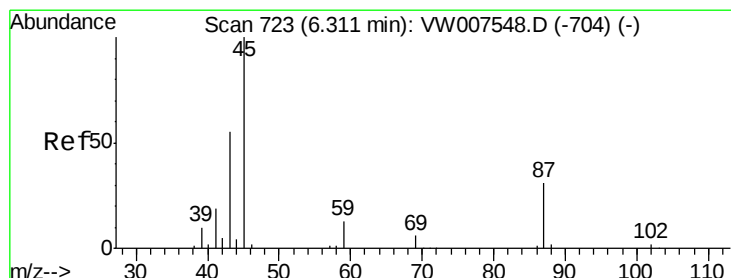
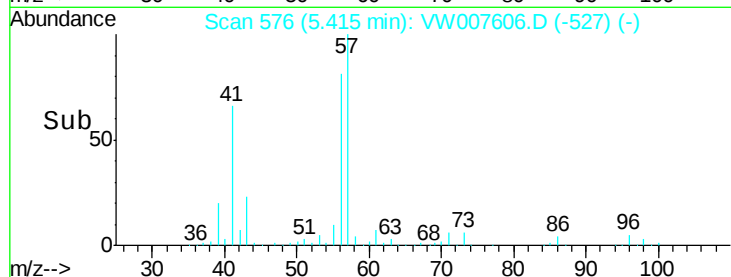
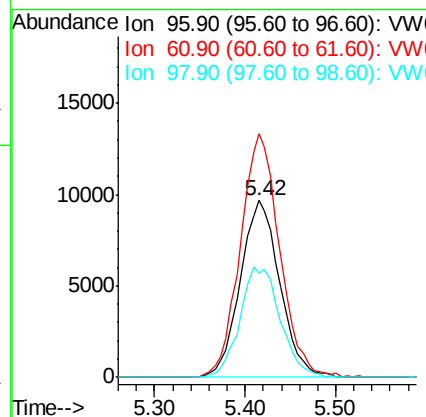
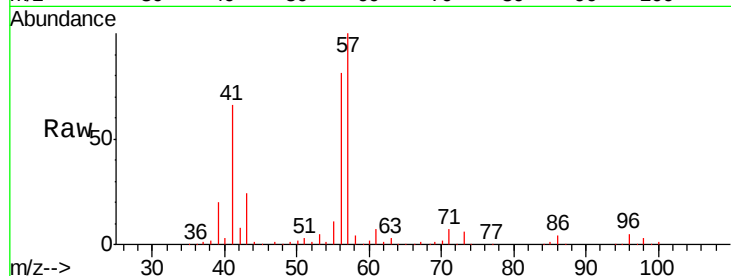
98 59.1 49.7 74.5

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#22

Diisopropyl ether

Concen: 67.805 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Tgt Ion: 45 Resp: 74134

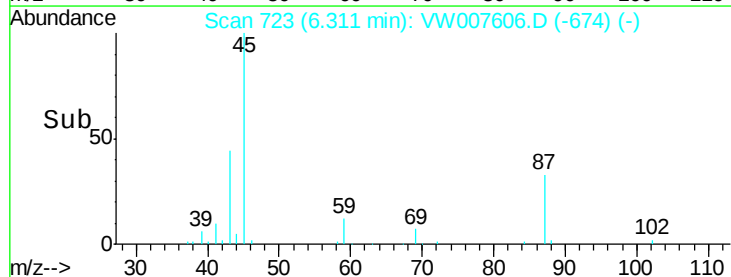
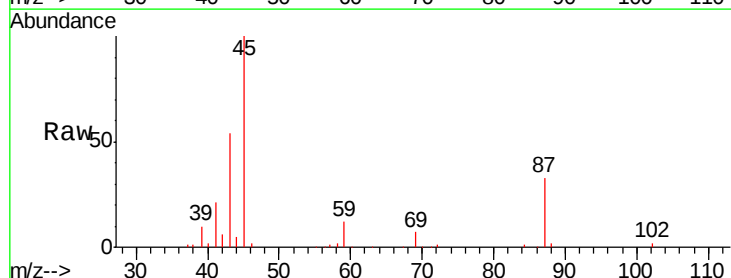
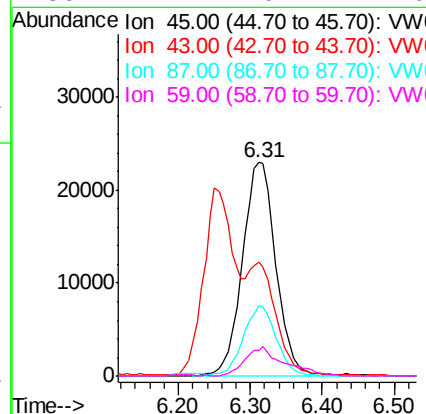
Ion Ratio Lower Upper

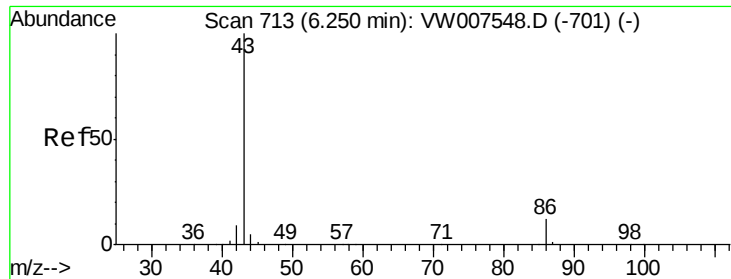
45 100

43 52.7 41.6 62.4

87 33.1 24.3 36.5

59 12.2 9.4 14.0





#23

Vinyl Acetate

Concen: 102.033 ug/l

RT: 6.25 min Scan# 713

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion: 43 Resp: 62398

Ion Ratio Lower Upper

43 100

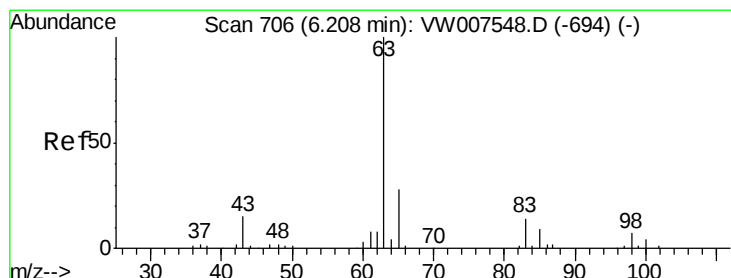
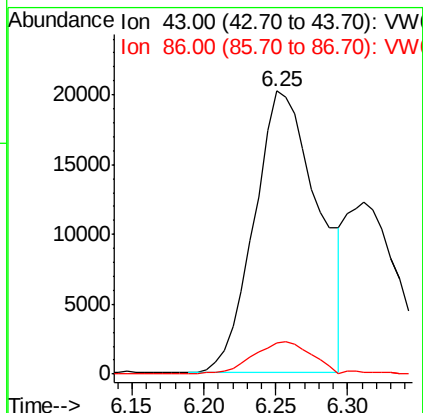
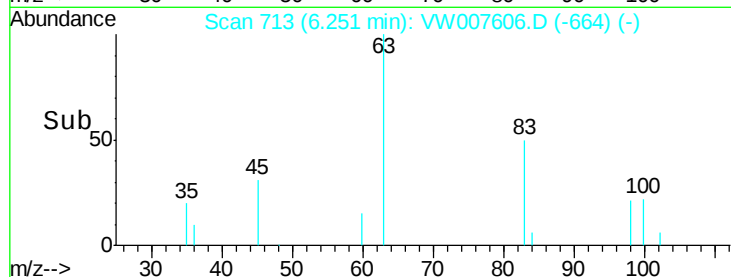
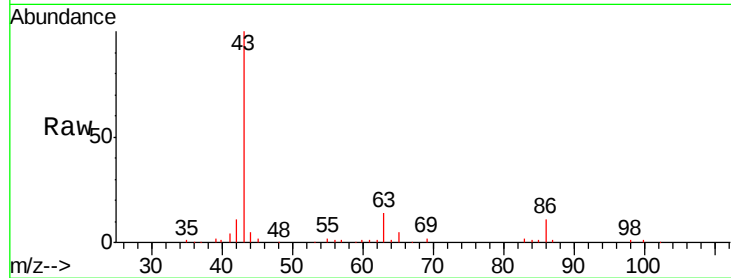
86 11.2 8.6 12.8

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#24

1,1-Dichloroethane

Concen: 71.178 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

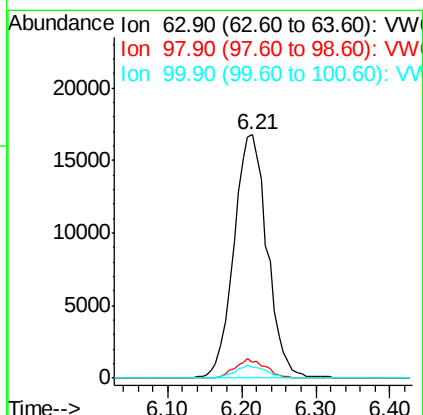
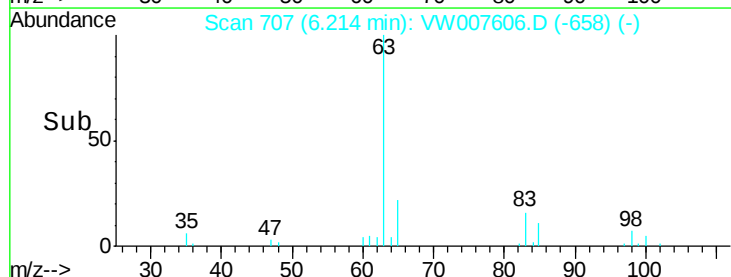
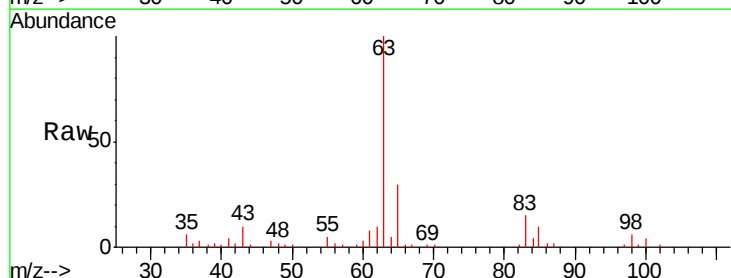
Tgt Ion: 63 Resp: 52597

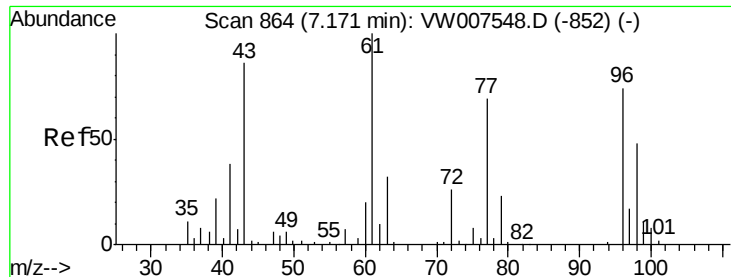
Ion Ratio Lower Upper

63 100

98 6.4 3.5 10.4

100 4.3 2.5 7.5





#25

2-Butanone

Concen: 585.005 ug/l

RT: 7.17 min Scan# 864

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion: 43 Resp: 58219

Ion Ratio Lower Upper

43 100

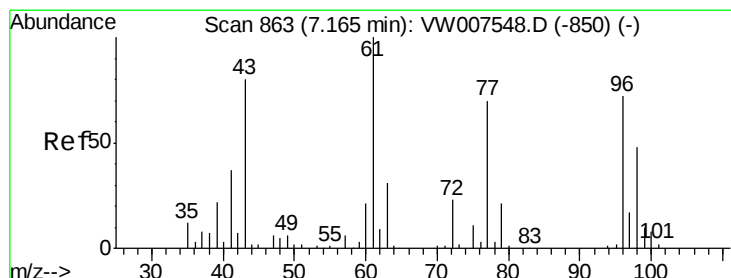
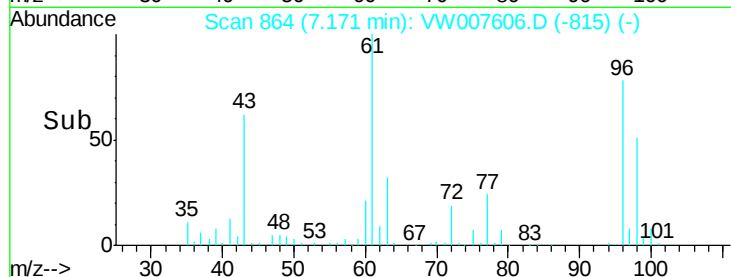
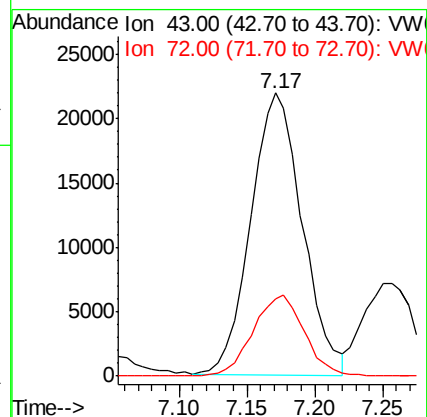
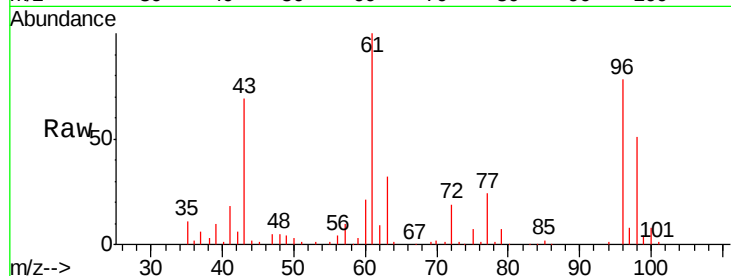
72 27.7 23.4 35.2

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#26

2,2-Dichloropropane

Concen: 47.561 ug/l

RT: 7.16 min Scan# 863

Delta R.T. -0.00 min

Lab File: VW007606.D

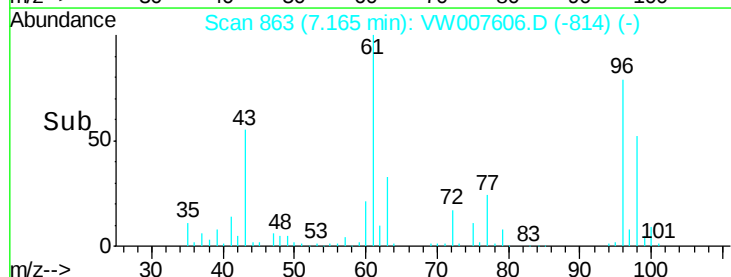
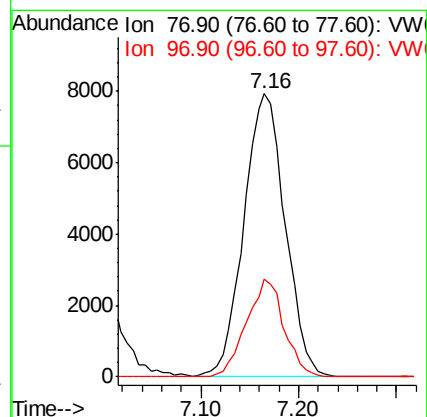
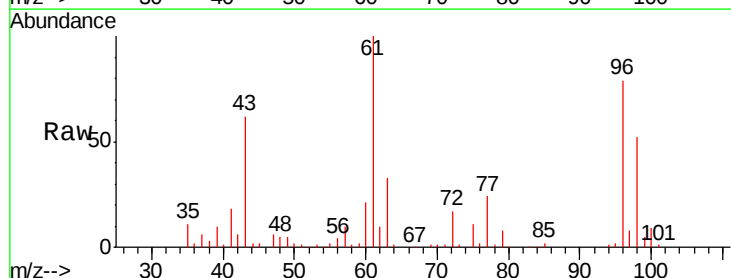
Acq: 16 Dec 2018 03:23

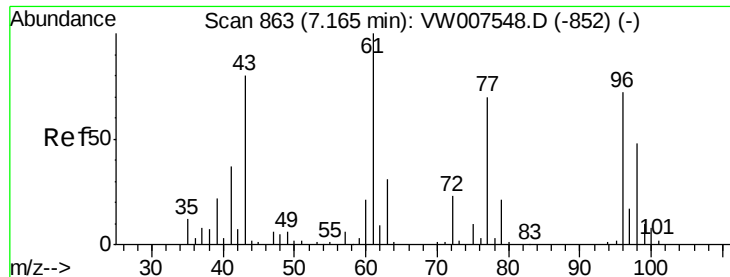
Tgt Ion: 77 Resp: 23260

Ion Ratio Lower Upper

77 100

97 31.3 11.6 34.8





#27

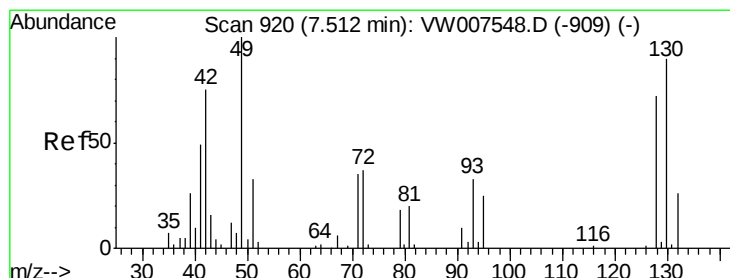
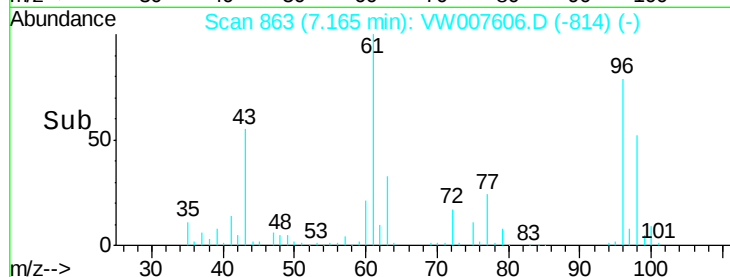
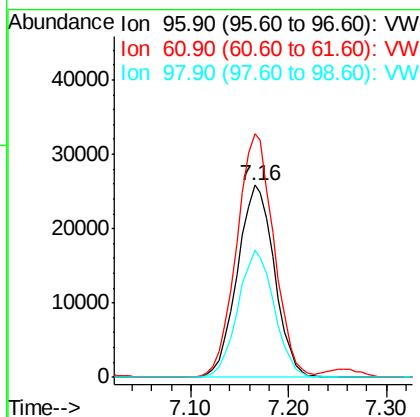
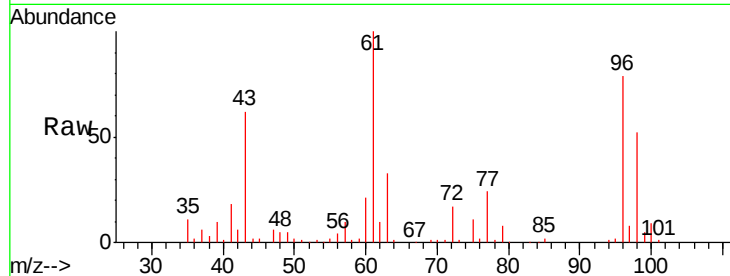
cis-1,2-Dichloroethene
Concen: 143.507 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
96	100		
61	127.3	0.0	268.4
98	65.1	0.0	127.8

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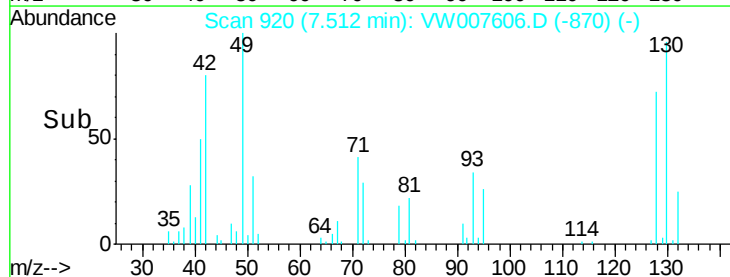
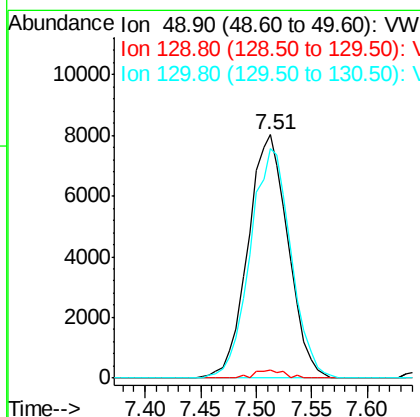
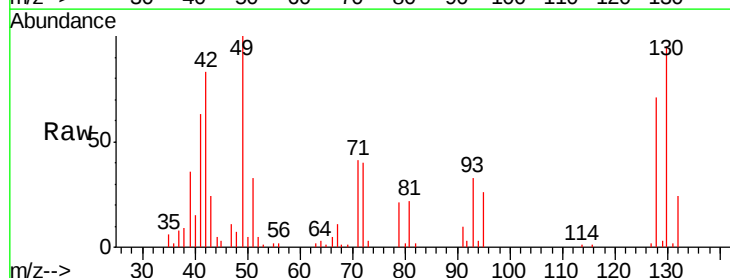
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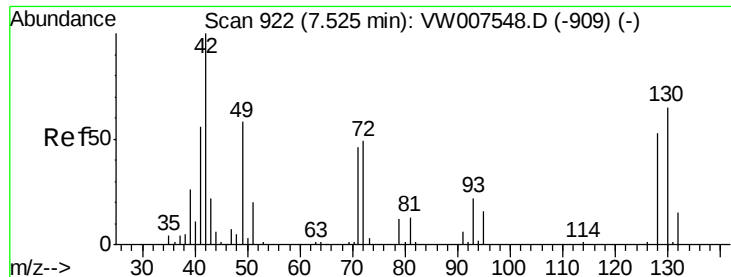


#28

Bromochloromethane
Concen: 72.480 ug/l
RT: 7.51 min Scan# 920
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	2.6
130	95.7	75.9	113.9





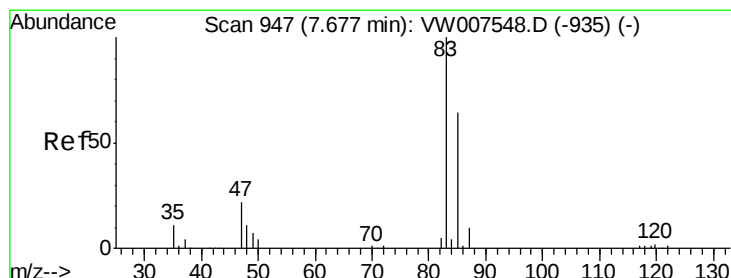
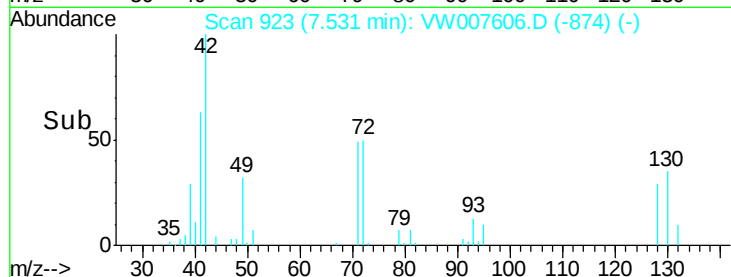
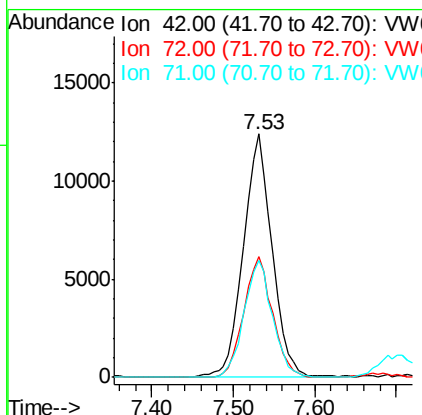
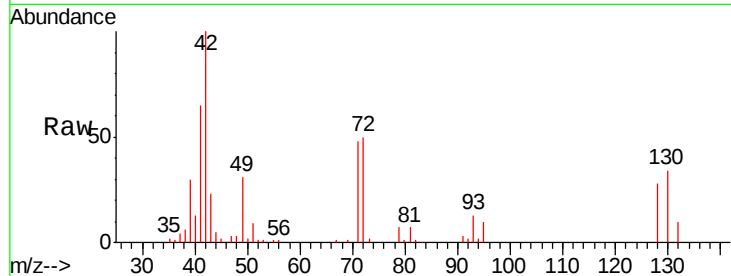
#29
Tetrahydrofuran
Concen: 483.143 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
42	100		
72	49.5	38.2	57.4
71	47.5	35.5	53.3

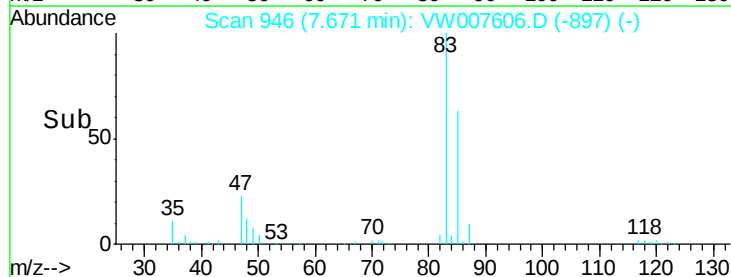
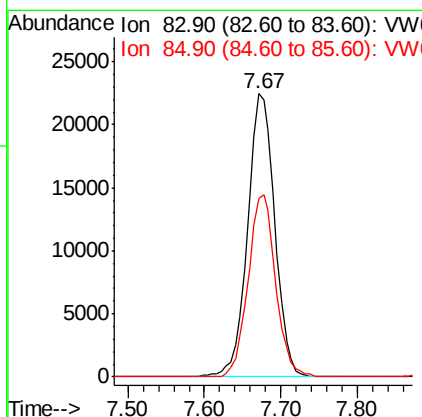
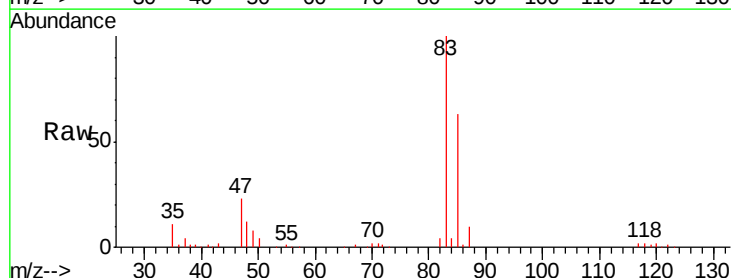
Manual Integrations
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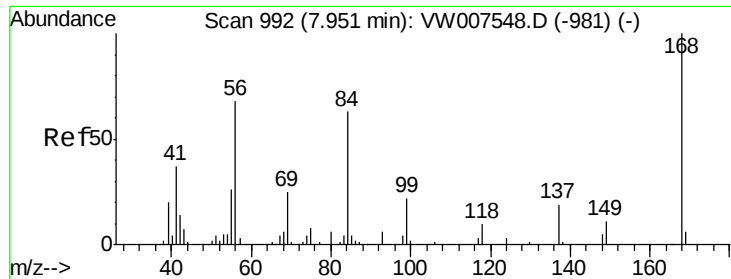
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#30
Chloroform
Concen: 69.168 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.2	51.8	77.8





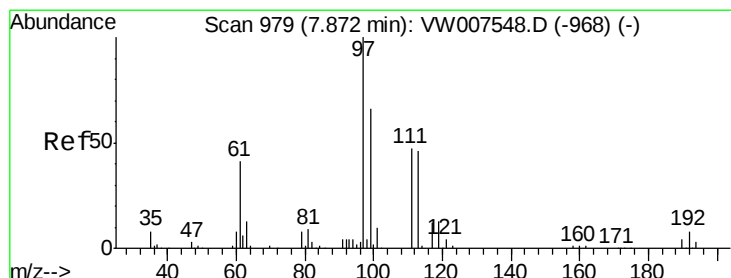
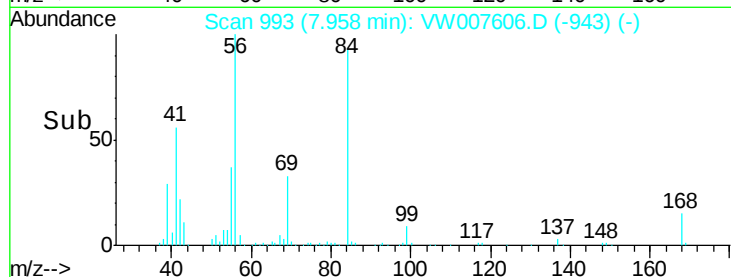
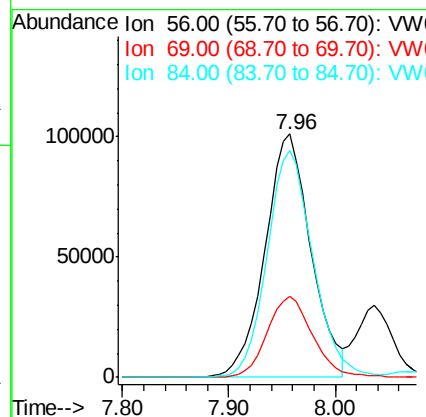
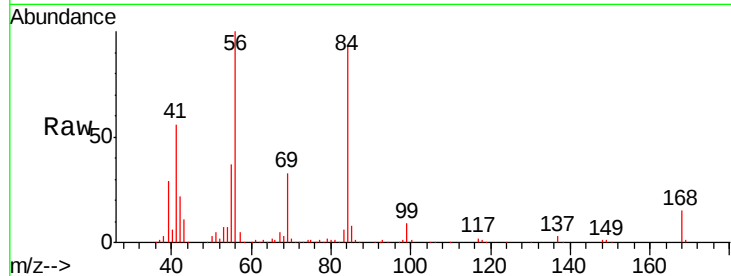
#31
Cyclohexane
Concen: 449.312 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion: 56 Resp: 304623
Ion Ratio Lower Upper
56 100
69 33.2 28.9 43.3
84 92.9 71.8 107.6

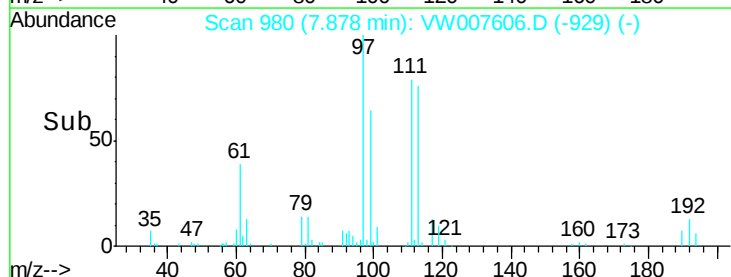
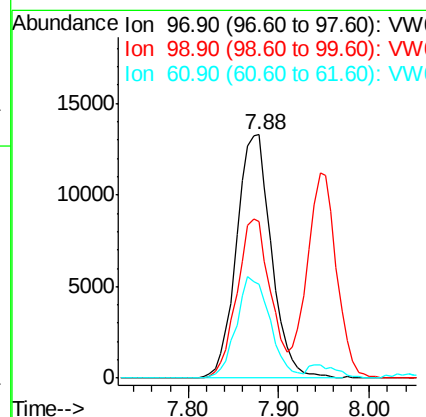
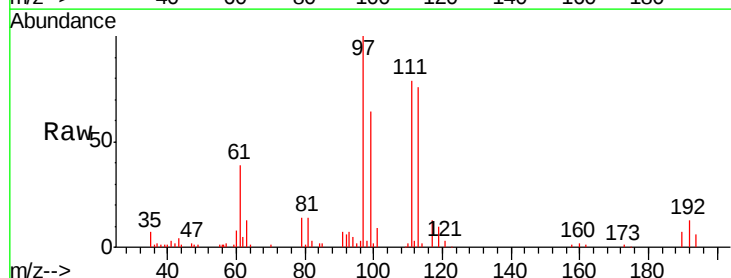
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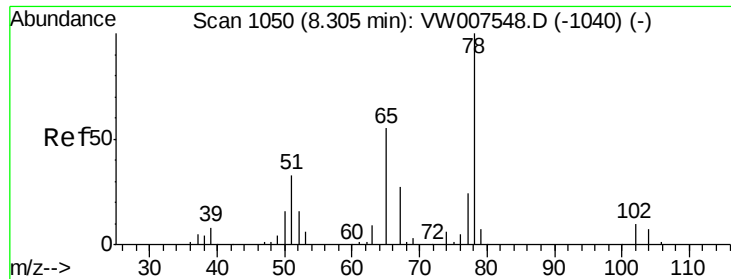
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#32
1,1,1-Trichloroethane
Concen: 50.317 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion: 97 Resp: 35483
Ion Ratio Lower Upper
97 100
99 62.8 51.1 76.7
61 40.4 33.2 49.8





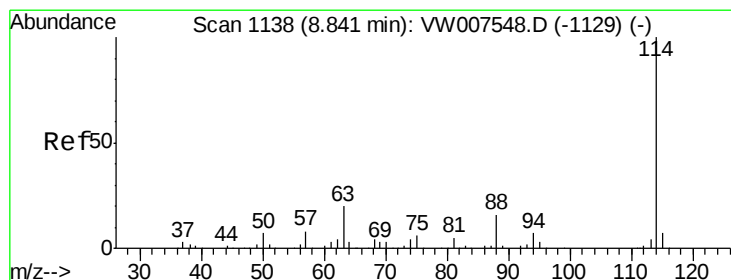
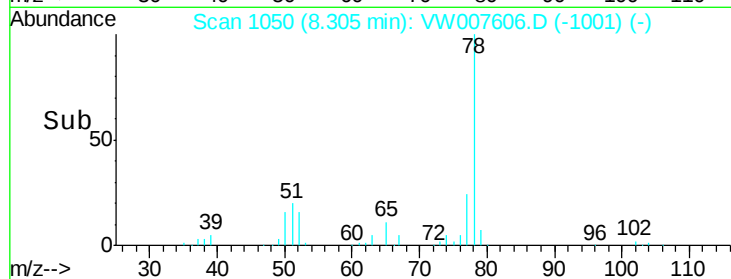
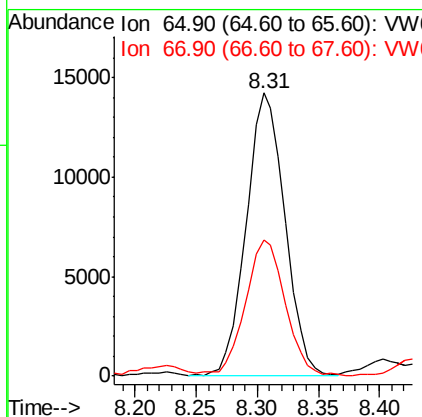
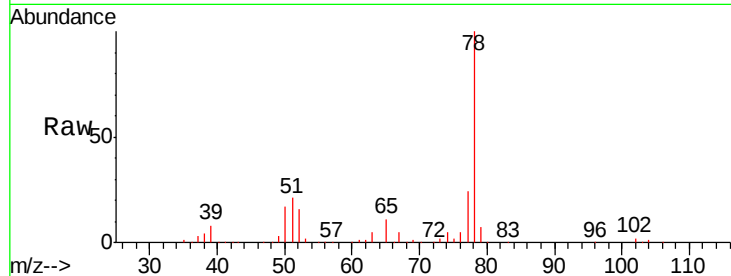
#33
 1,2-Dichloroethane-d4
 Concen: 70.807 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion: 65 Resp: 30902
 Ion Ratio Lower Upper
 65 100
 67 50.1 0.0 101.6

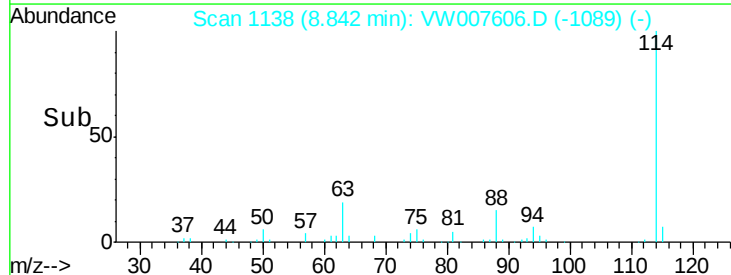
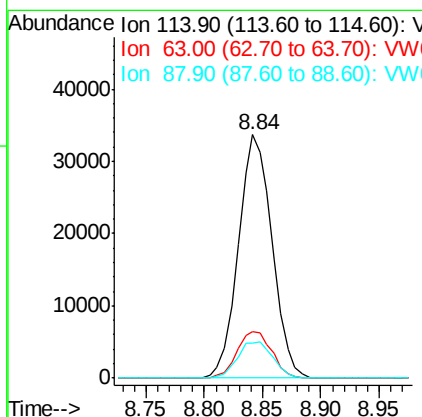
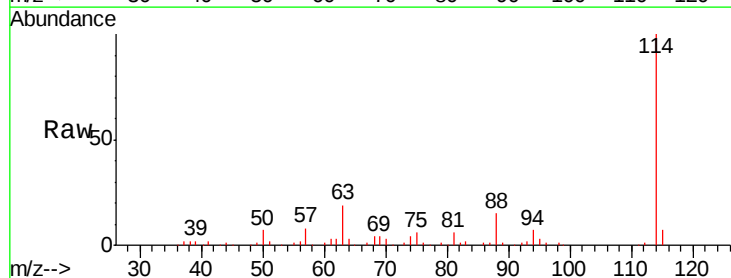
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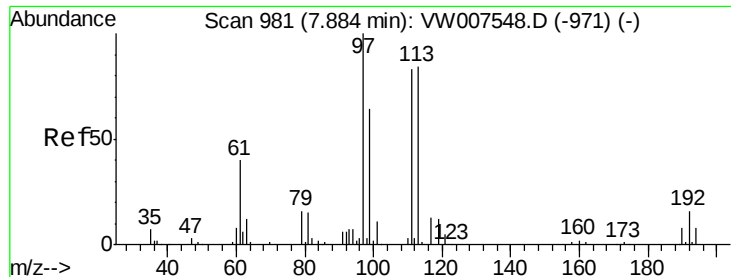
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Tgt Ion: 114 Resp: 67897
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.6
 88 14.6 0.0 31.4





#35

Dibromofluoromethane

Concen: 61.478 ug/l

RT: 7.88 min Scan# 981

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

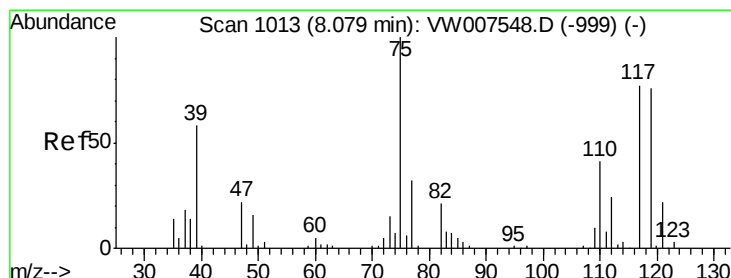
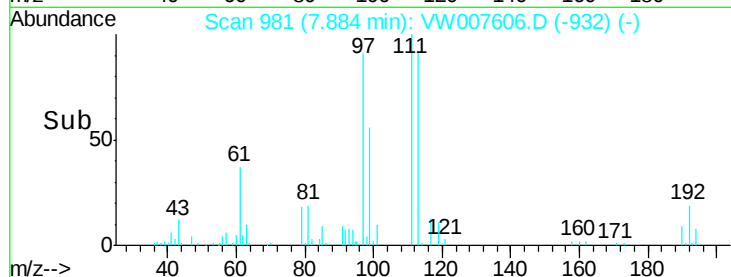
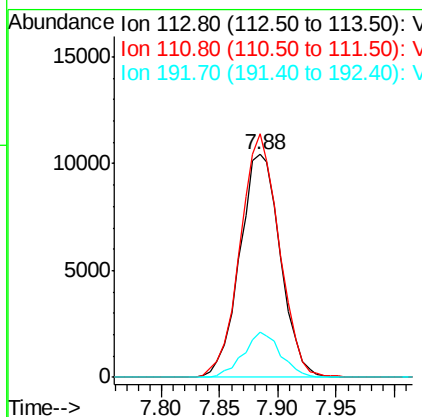
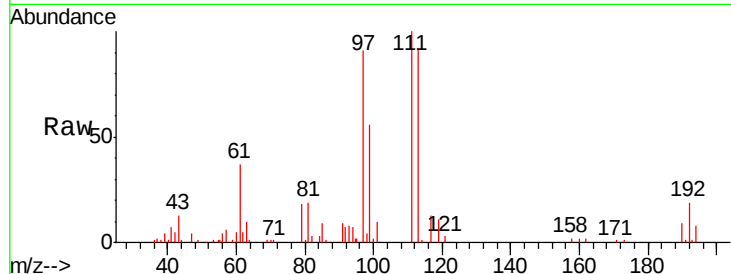
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	113	Resp:	25268
Ion Ratio	Lower	Upper	
113	100		
111	105.1	81.1	121.7
192	18.6	14.6	21.8

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.789 ug/l

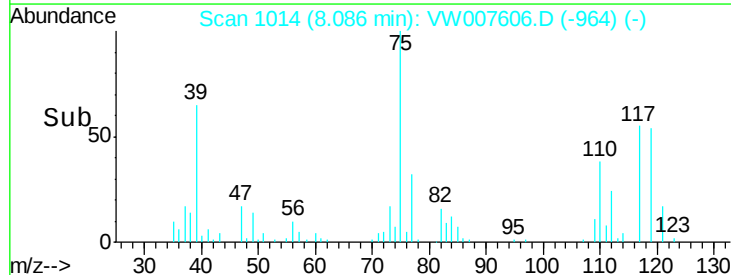
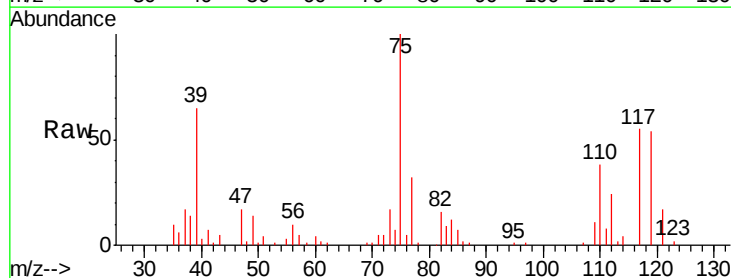
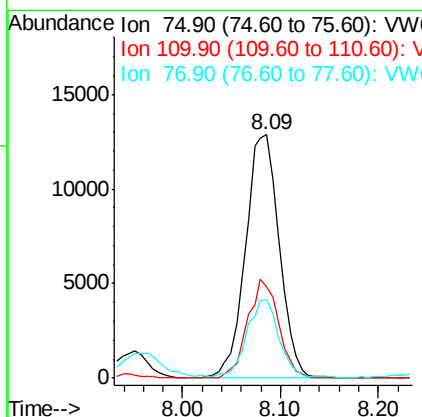
RT: 8.09 min Scan# 1014

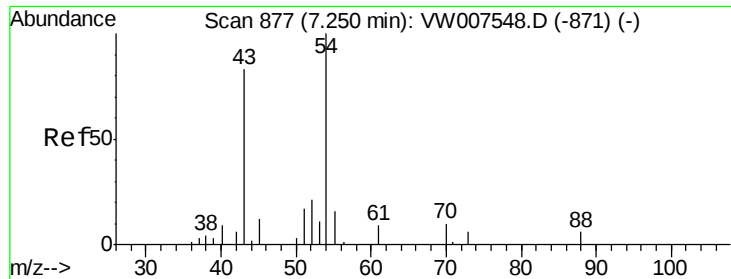
Delta R.T. 0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Tgt Ion:	75	Resp:	30838
Ion Ratio	Lower	Upper	
75	100		
110	37.2	18.5	55.5
77	31.4	25.6	38.4





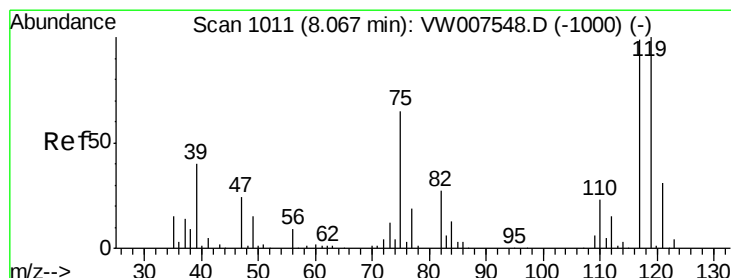
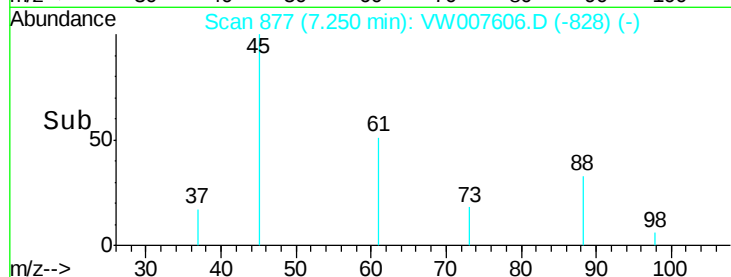
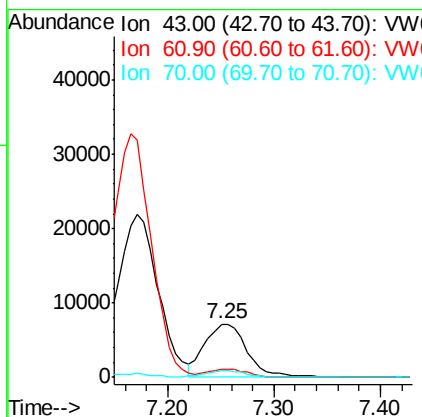
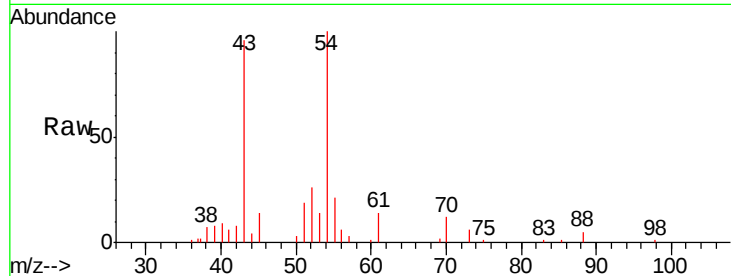
#37
Ethyl Acetate
Concen: 86.318 ug/l
RT: 7.25 min Scan# 877
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion: 43 Resp: 19885
Ion Ratio Lower Upper
43 100
61 14.0 12.1 18.1
70 12.2 10.0 15.0

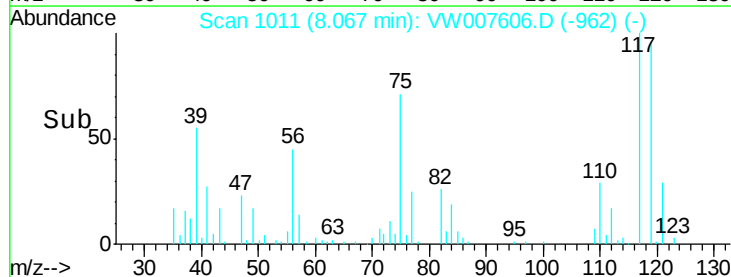
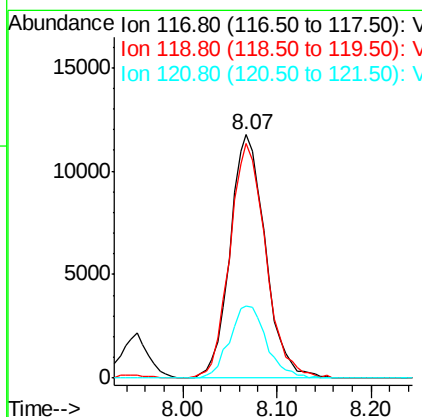
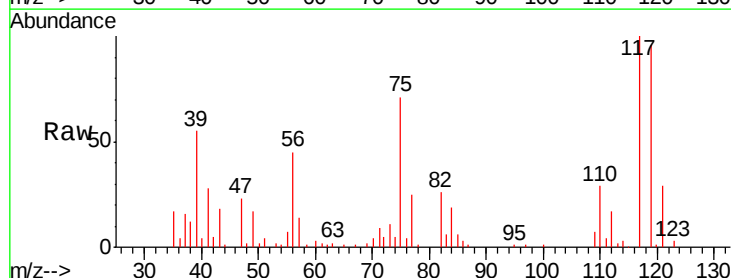
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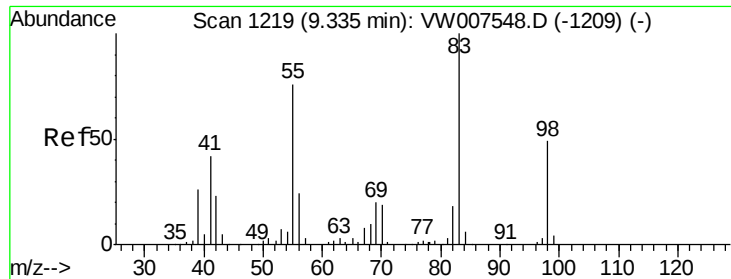
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#38
Carbon Tetrachloride
Concen: 45.598 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion: 117 Resp: 30730
Ion Ratio Lower Upper
117 100
119 96.5 74.3 111.5
121 29.4 24.3 36.5





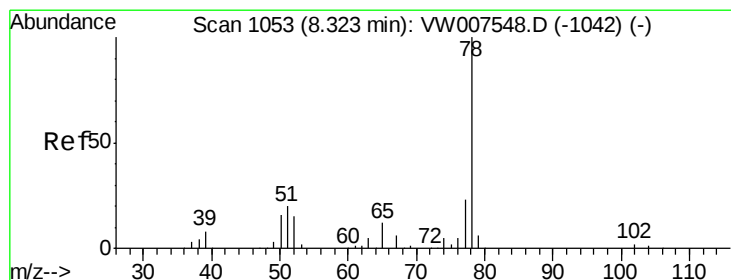
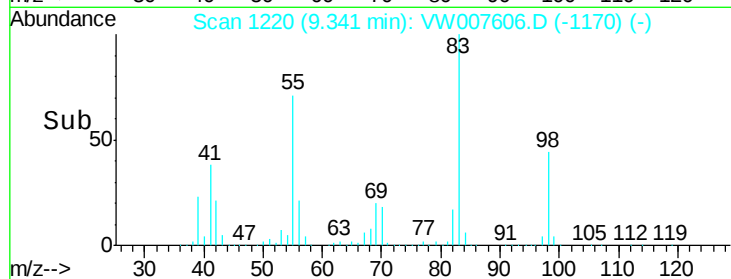
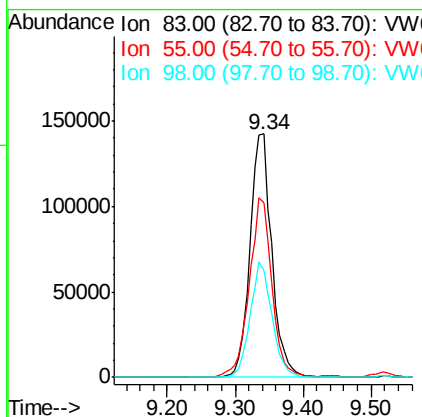
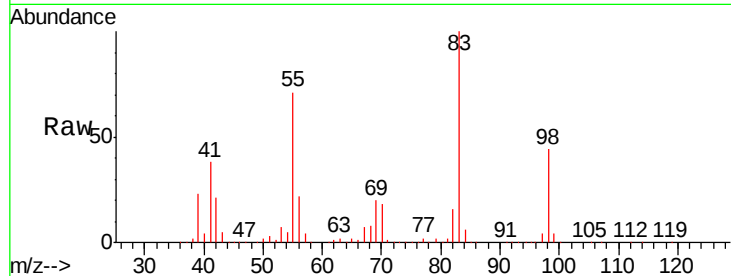
#39
Methylcyclohexane
Concen: 423.768 ug/l
RT: 9.34 min Scan# 1220
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
83	100		
55	71.3	62.8	94.2
98	43.9	42.2	63.2

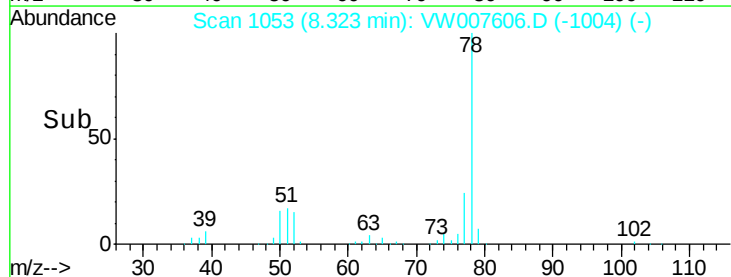
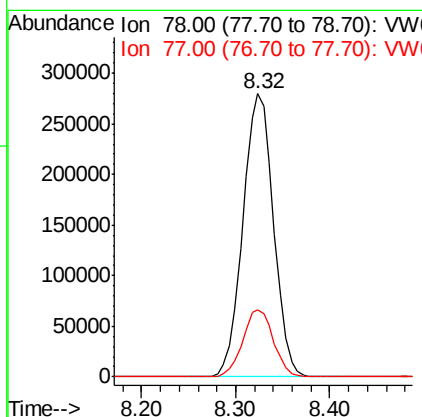
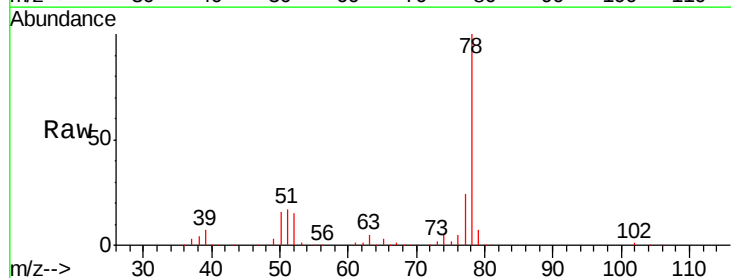
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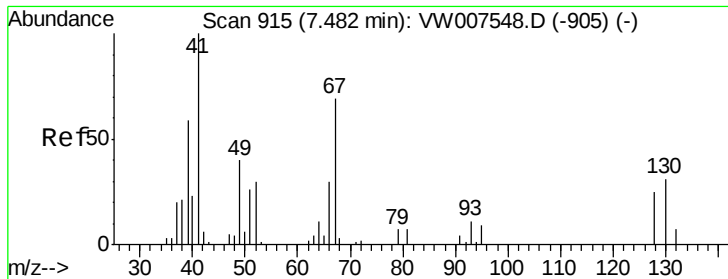
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#40
Benzene
Concen: 369.726 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.8	28.2





#41

Methacrylonitrile

Concen: 93.547 ug/l

RT: 7.49 min Scan# 916

Delta R.T. 0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

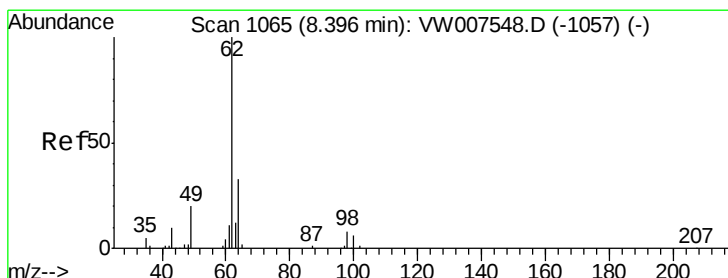
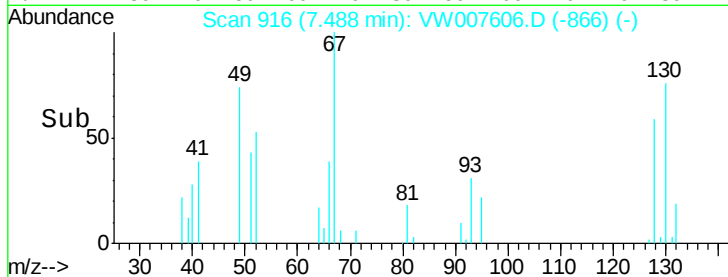
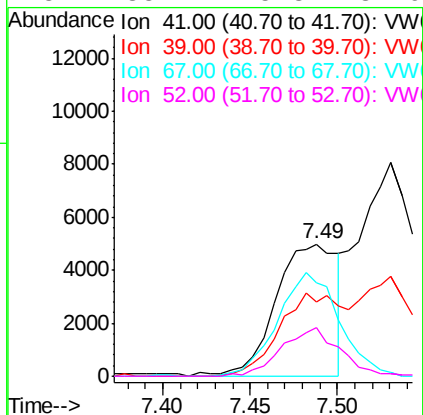
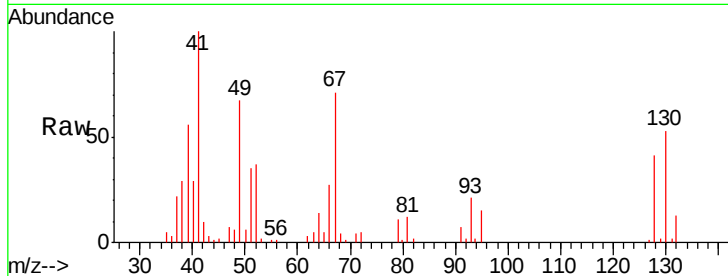
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	41	Resp:	12272
Ion	Ratio	Lower	Upper
41	100		
39	65.6	52.2	78.2
67	78.5	60.5	90.7
52	35.2	25.3	37.9

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 80.614 ug/l

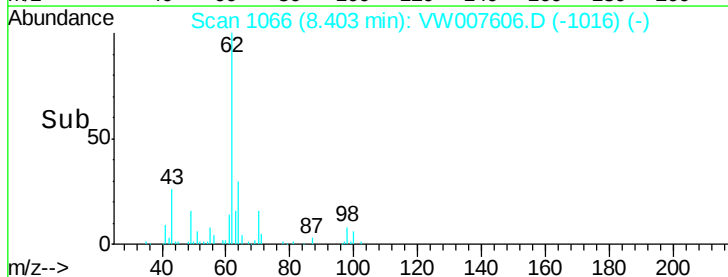
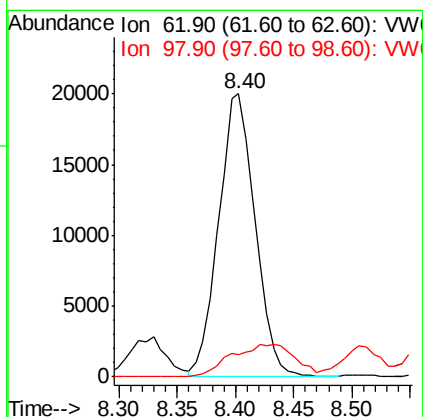
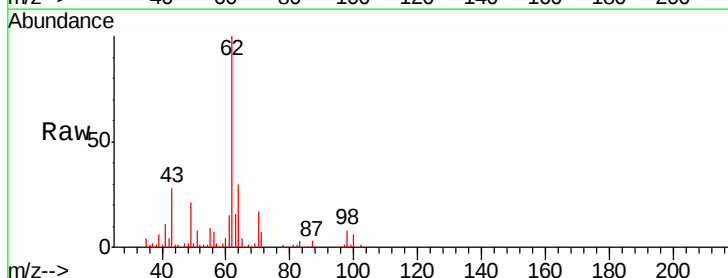
RT: 8.40 min Scan# 1066

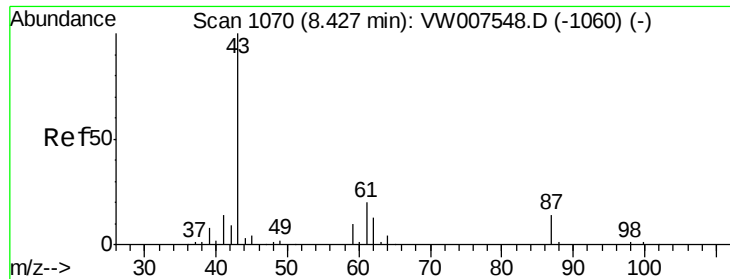
Delta R.T. 0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Tgt Ion:	62	Resp:	43528
Ion	Ratio	Lower	Upper
62	100		
98	20.1	0.0	17.6#





#43

Isopropyl Acetate

Concen: 111.794 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

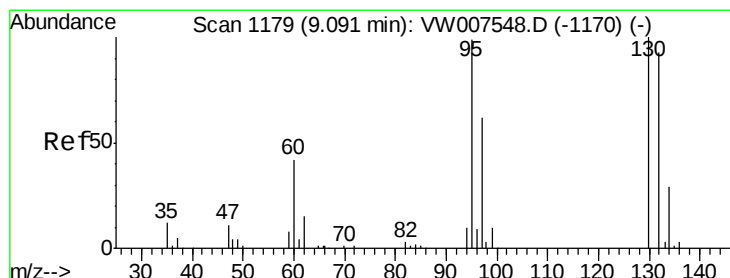
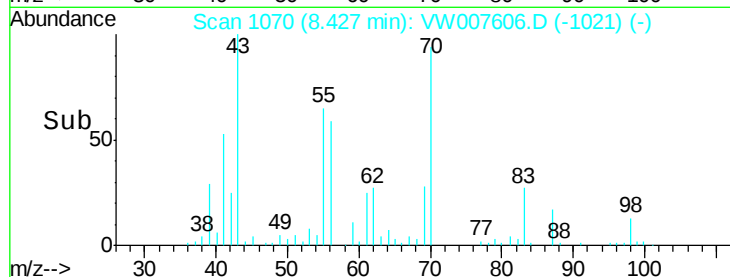
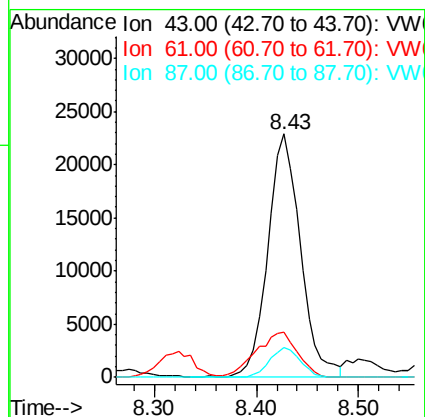
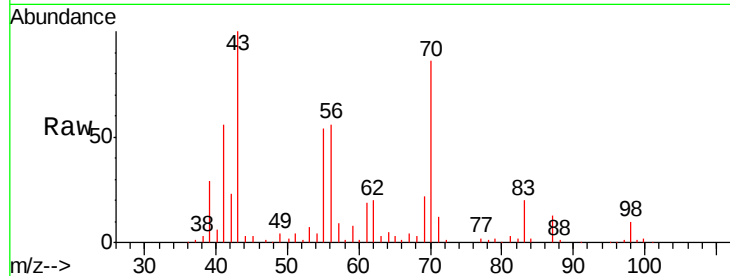
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	43	Resp:	50872
Ion Ratio	Lower	Upper	
43	100		
61	23.7	25.3	37.9#
87	11.6	11.8	17.8#

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#44

Trichloroethene

Concen: 48.411 ug/l

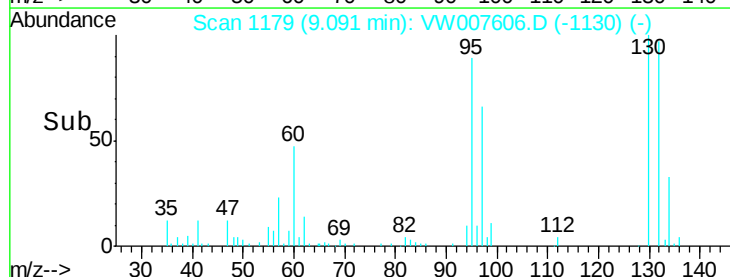
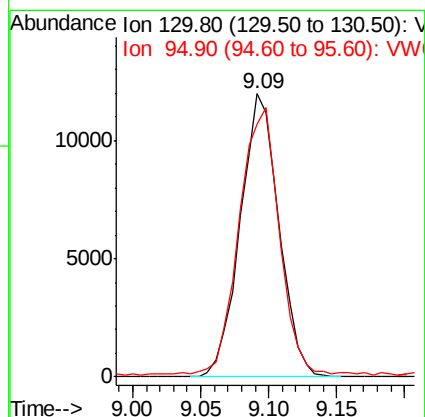
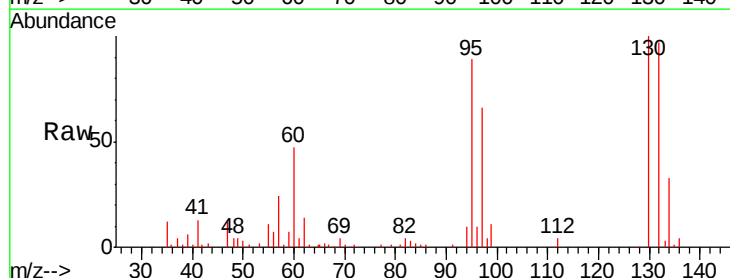
RT: 9.09 min Scan# 1179

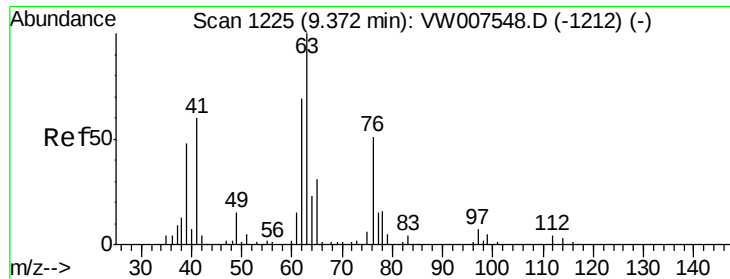
Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Tgt Ion:	130	Resp:	23762
Ion Ratio	Lower	Upper	
130	100		
95	88.1	0.0	193.2





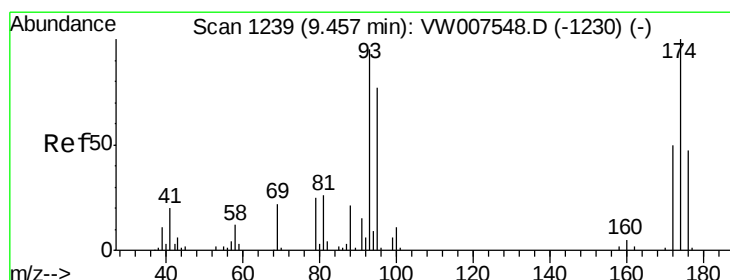
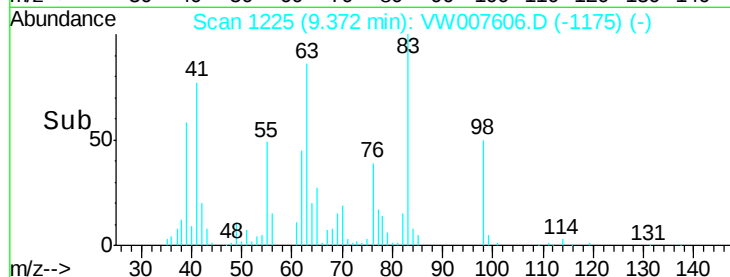
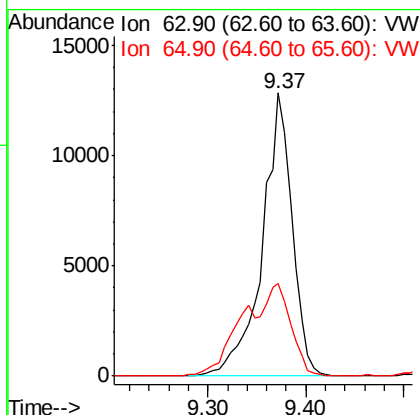
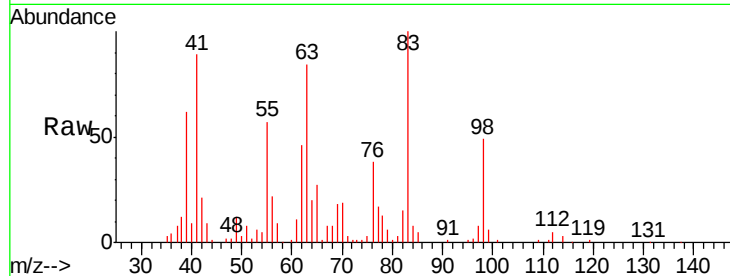
#45
 1,2-Dichloropropane
 Concen: 68.291 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. 0.01 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion: 63 Resp: 27164
 Ion Ratio Lower Upper
 63 100
 65 32.7 24.4 36.6

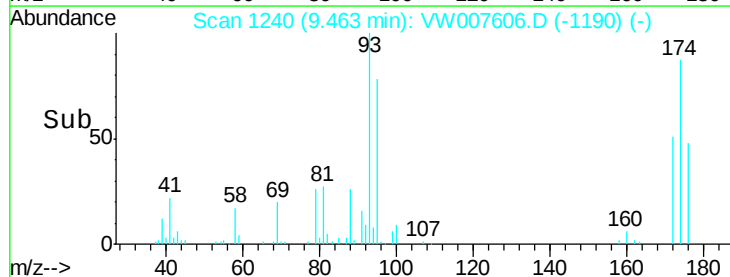
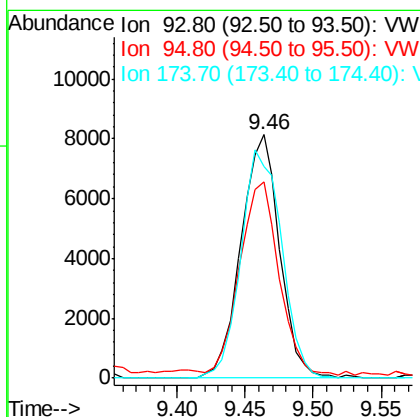
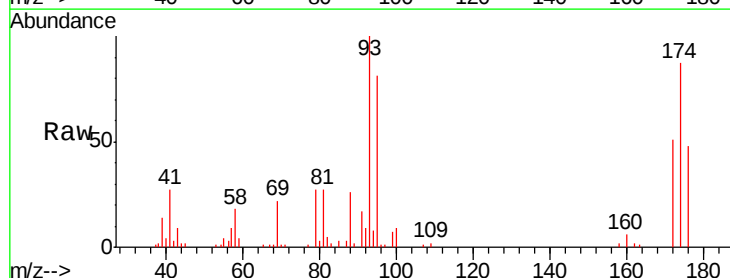
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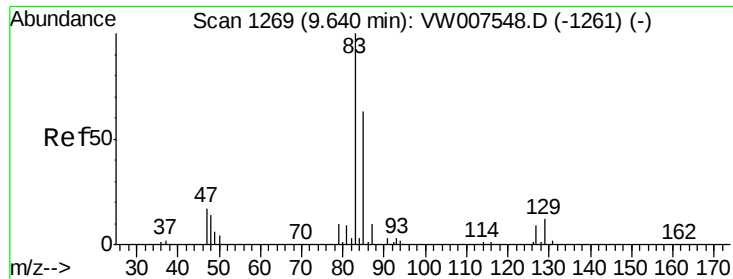
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#46
 Dibromomethane
 Concen: 71.336 ug/l
 RT: 9.46 min Scan# 1240
 Delta R.T. 0.01 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Tgt Ion: 93 Resp: 16114
 Ion Ratio Lower Upper
 93 100
 95 80.6 68.0 102.0
 174 99.6 83.2 124.8





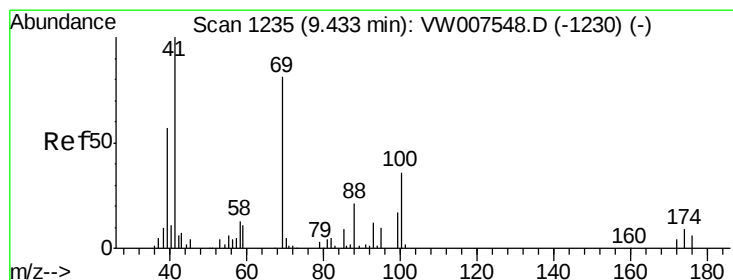
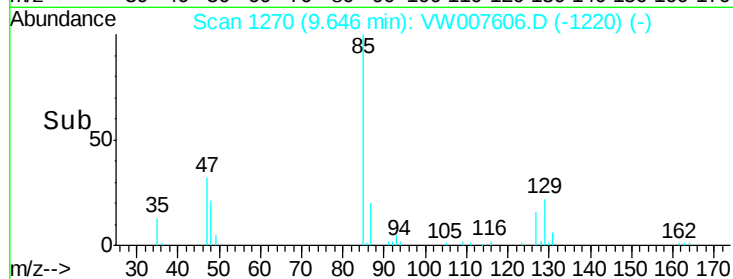
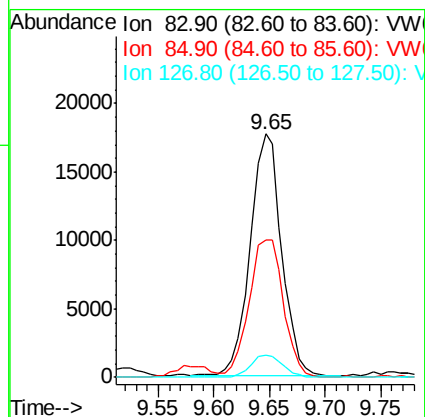
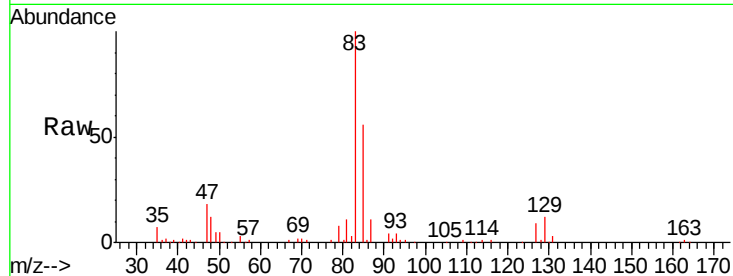
#47
Bromodichloromethane
Concen: 58.554 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
83	100	34694		
85	56.2	47.6	71.4	
127	9.0	6.7	10.1	

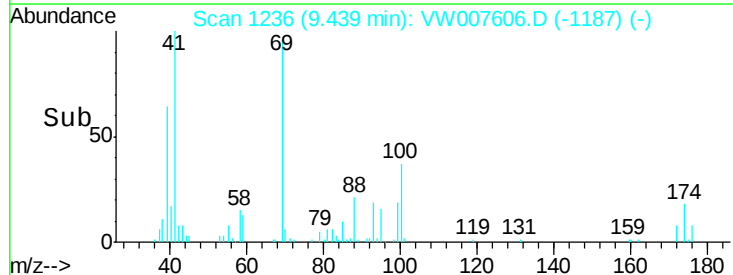
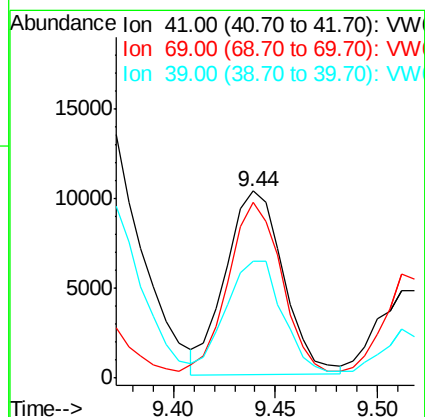
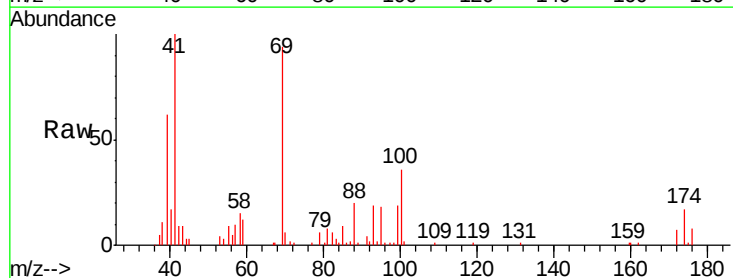
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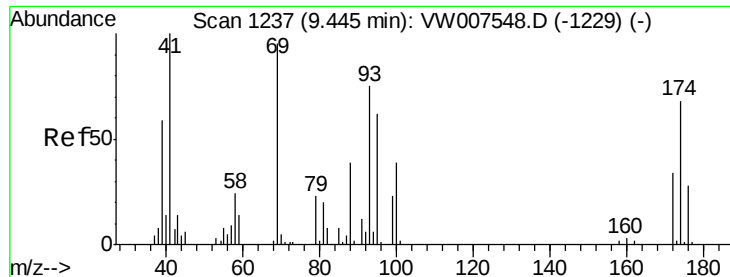
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#48
Methyl methacrylate
Concen: 86.417 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	20196		
69	89.0	69.8	104.8	
39	63.7	50.9	76.3	





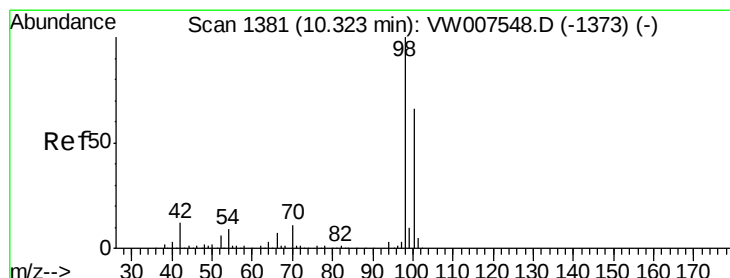
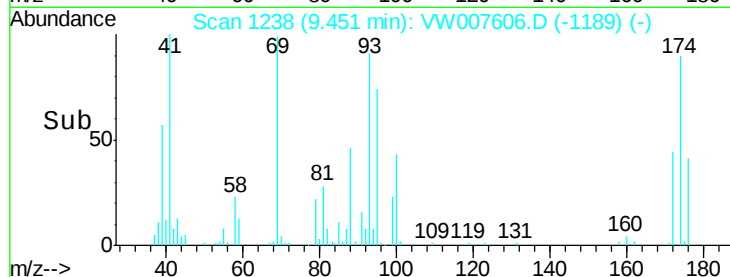
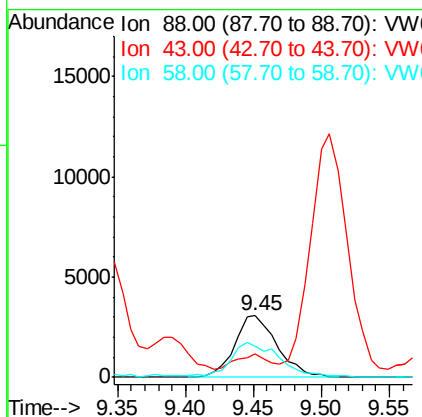
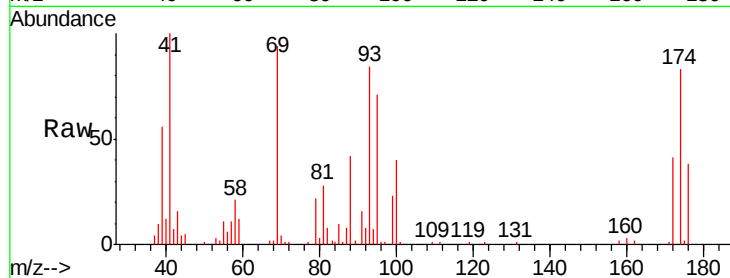
#49
1,4-Dioxane
Concen: 1830.192 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
88	100		
43	33.4	25.0	37.4
58	65.5	51.4	77.2

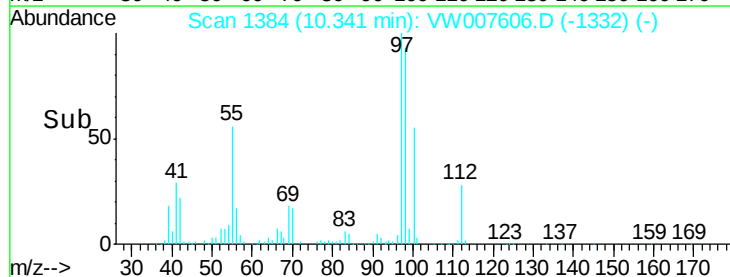
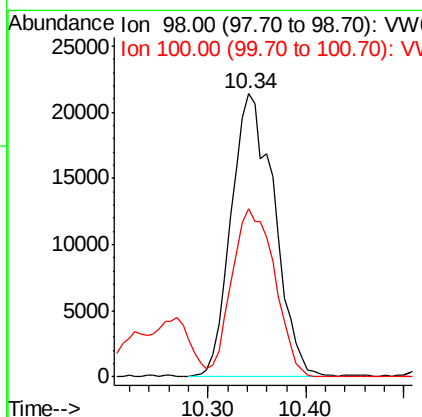
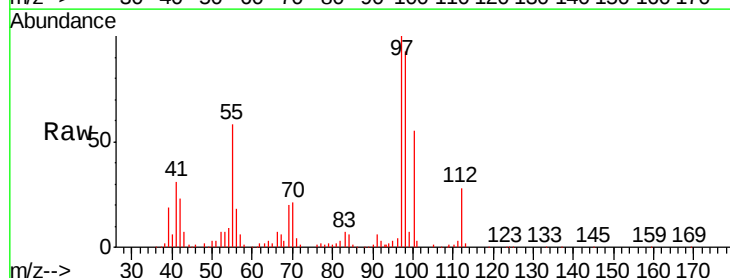
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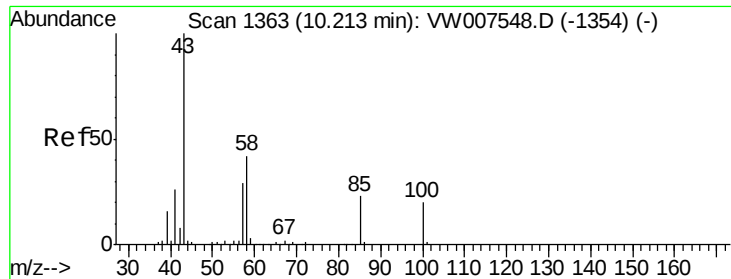
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#50
Toluene-d8
Concen: 42.138 ug/l
RT: 10.34 min Scan# 1384
Delta R.T. 0.02 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	59.6	51.8	77.8





#51

4-Methyl-2-Pentanone

Concen: 433.736 ug/l

RT: 10.26 min Scan# 1371

Delta R.T. 0.05 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion: 43 Resp: 93258

Ion Ratio Lower Upper

43 100

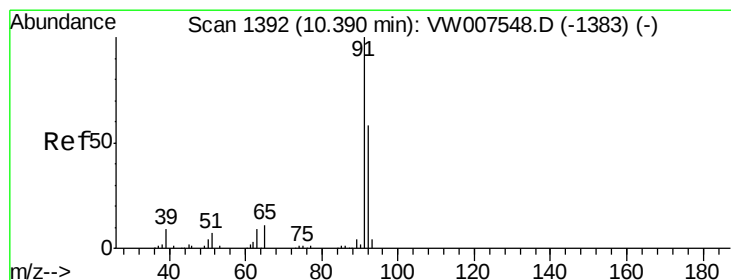
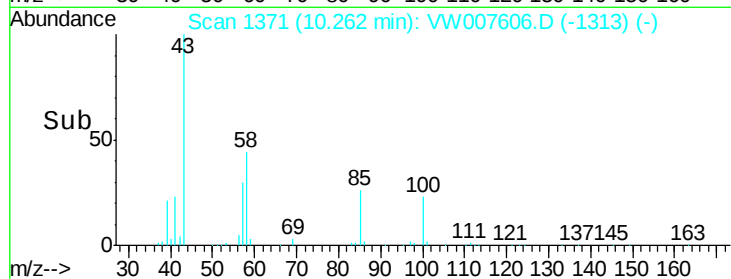
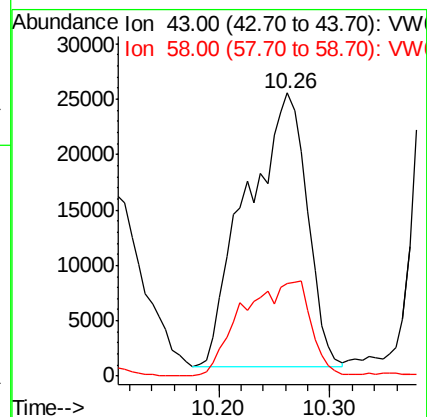
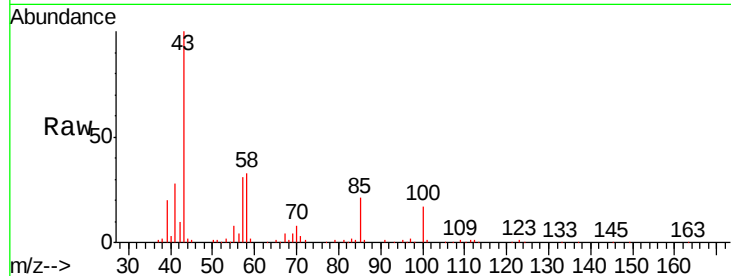
58 39.2 33.1 49.7

Manual Integrations

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#52

Toluene

Concen: 37282.997 ug/l m

RT: 10.40 min Scan# 1393

Delta R.T. 0.01 min

Lab File: VW007606.D

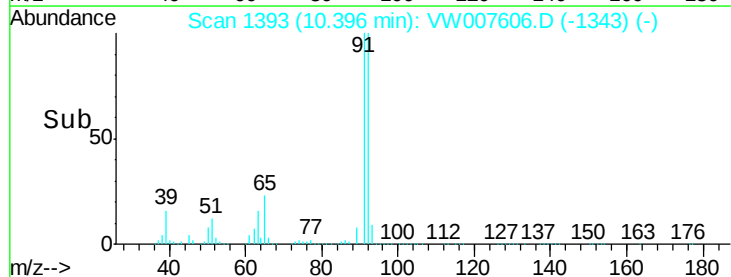
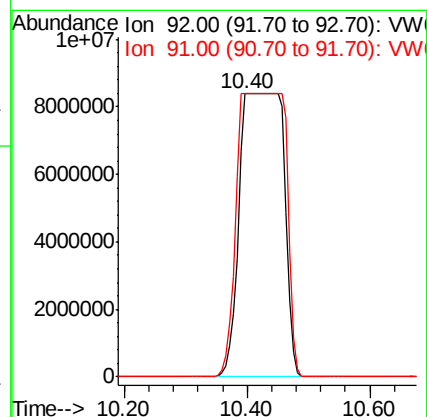
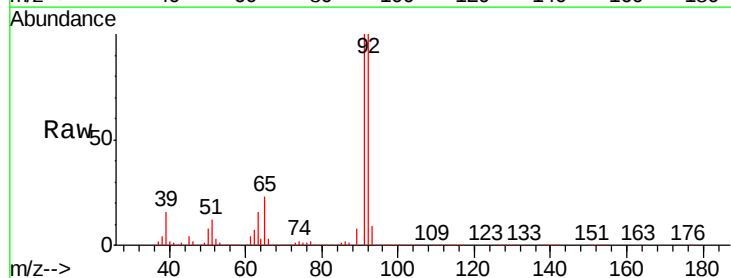
Acq: 16 Dec 2018 03:23

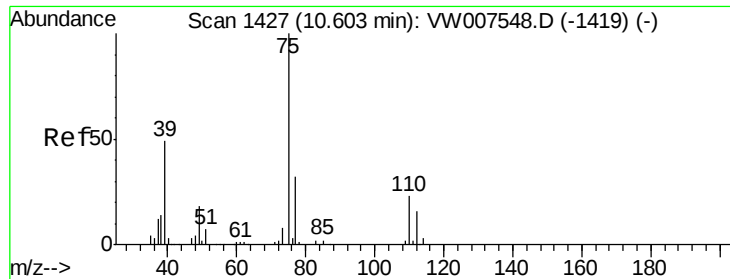
Tgt Ion: 92 Resp: 41472581

Ion Ratio Lower Upper

92 100

91 0.0 136.2 204.2#





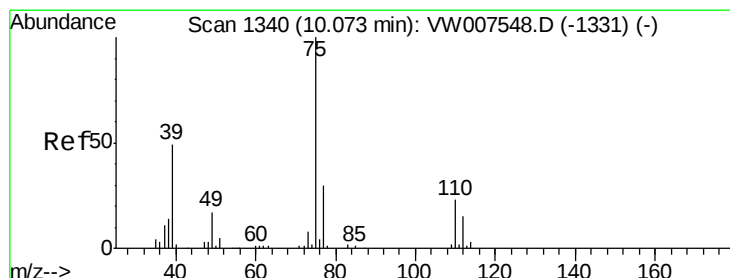
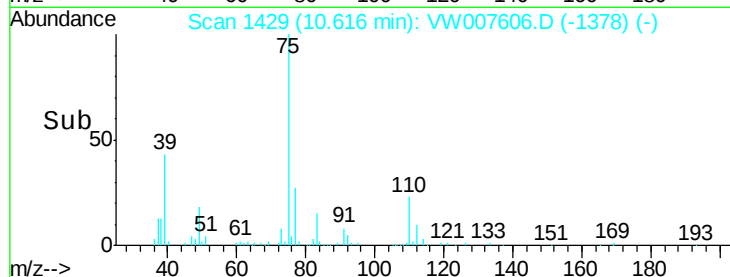
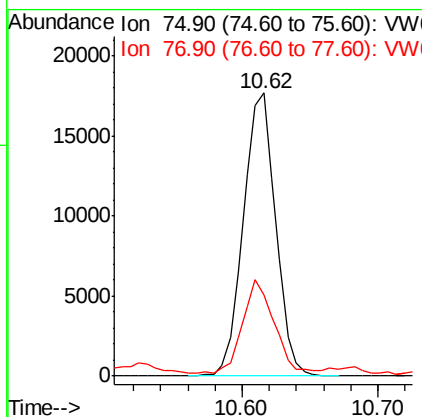
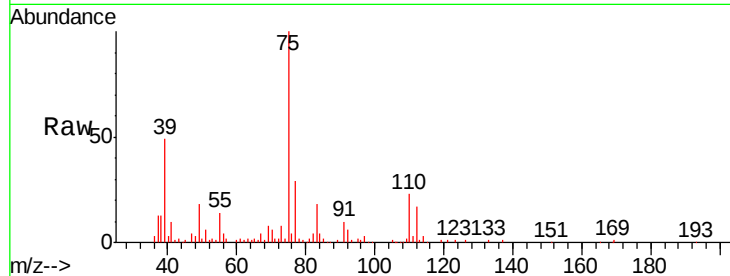
#53
 t-1,3-Dichloropropene
 Concen: 51.043 ug/l
 RT: 10.62 min Scan# 1429
 Delta R.T. 0.01 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion: 75 Resp: 29361
 Ion Ratio Lower Upper
 75 100
 77 27.7 26.2 39.4

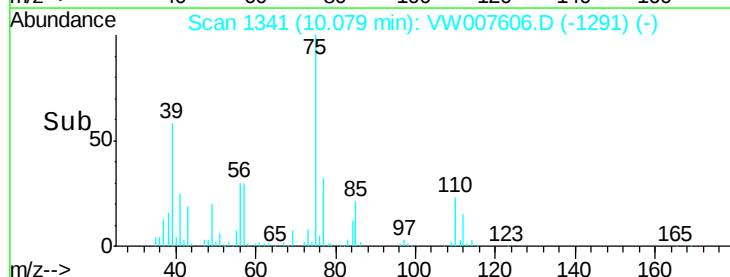
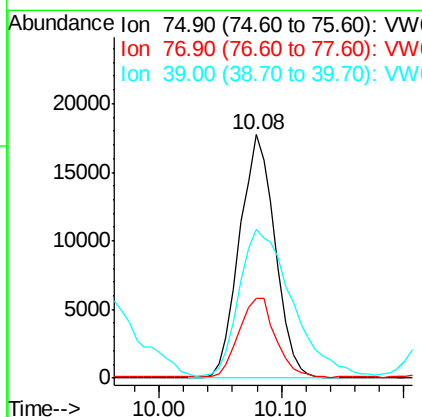
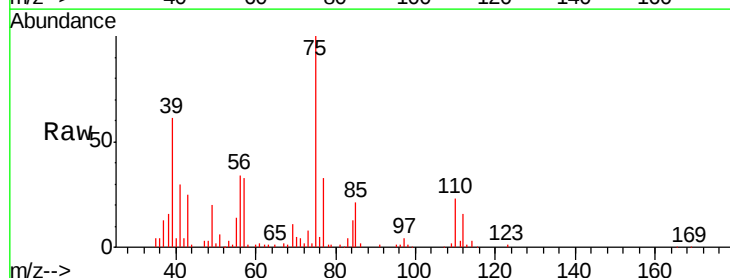
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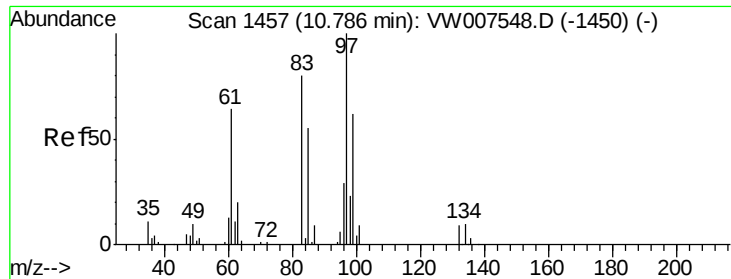
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#54
 cis-1,3-Dichloropropene
 Concen: 53.863 ug/l
 RT: 10.08 min Scan# 1341
 Delta R.T. 0.01 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Tgt Ion: 75 Resp: 35817
 Ion Ratio Lower Upper
 75 100
 77 32.4 24.8 37.2
 39 59.5 40.9 61.3





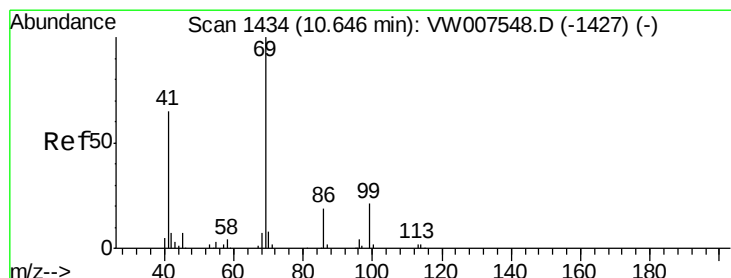
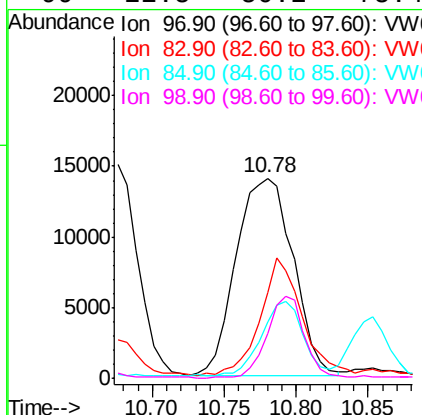
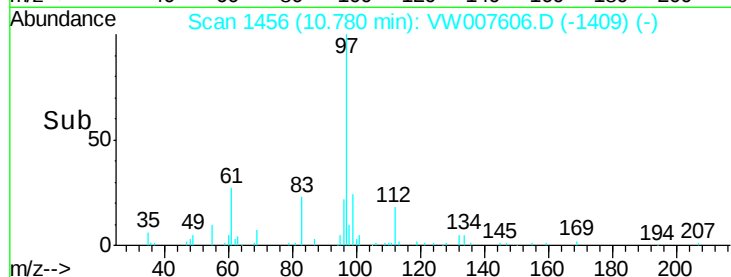
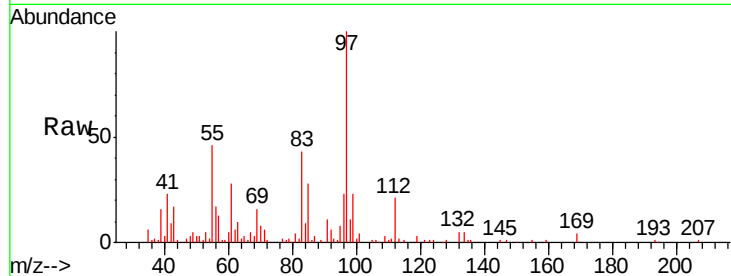
#55
 1,1,2-Trichloroethane
 Concen: 124.697 ug/l
 RT: 10.78 min Scan# 1456
 Delta R.T. -0.01 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp Lower	Resp Upper
97	100		
83	41.6	62.1	93.1#
85	27.3	44.2	66.4#
99	22.5	50.2	75.4#

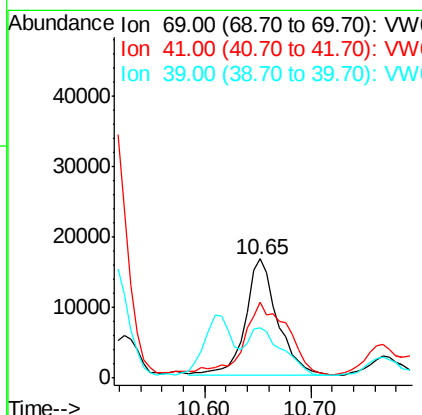
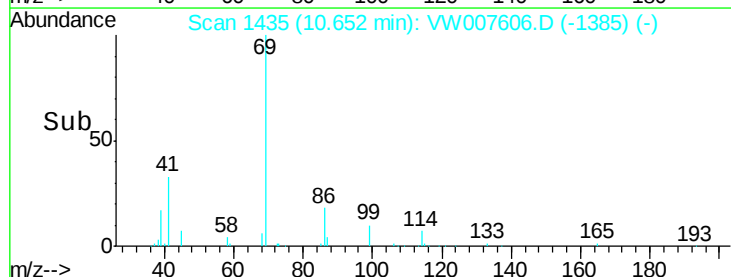
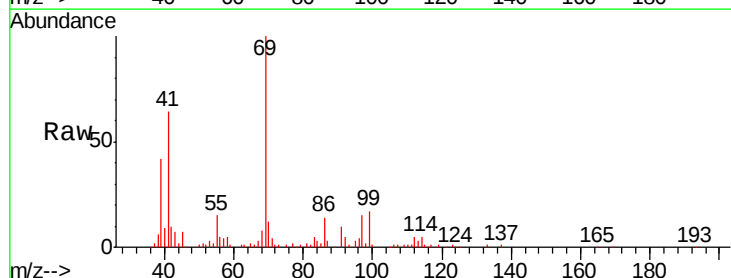
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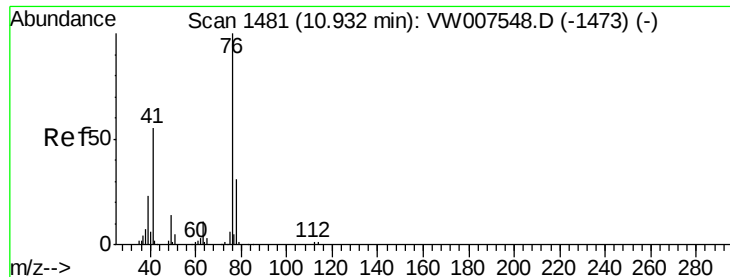
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#56
 Ethyl methacrylate
 Concen: 93.477 ug/l
 RT: 10.65 min Scan# 1435
 Delta R.T. 0.01 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Resp Lower	Resp Upper
69	100		
41	84.7	51.0	76.6#
39	0.0	30.8	46.2#





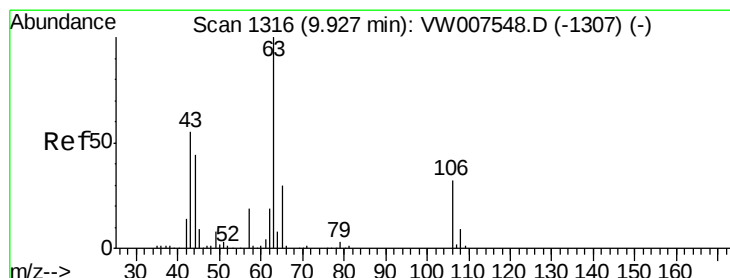
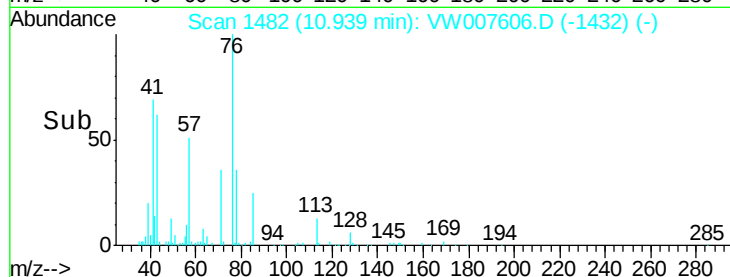
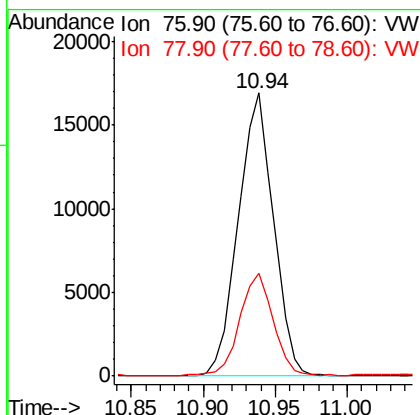
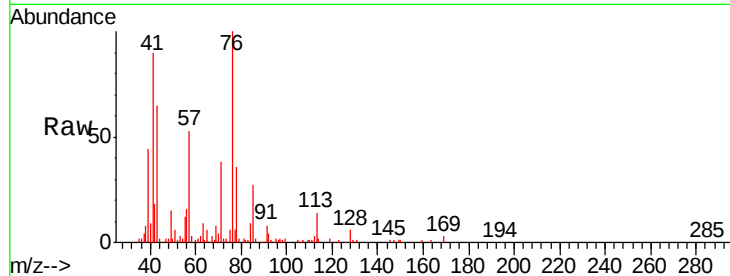
#57
 1,3-Dichloropropane
 Concen: 56.781 ug/l
 RT: 10.94 min Scan# 1482
 Delta R.T. 0.01 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion: 76 Resp: 28652
 Ion Ratio Lower Upper
 76 100
 78 35.0 26.2 39.4

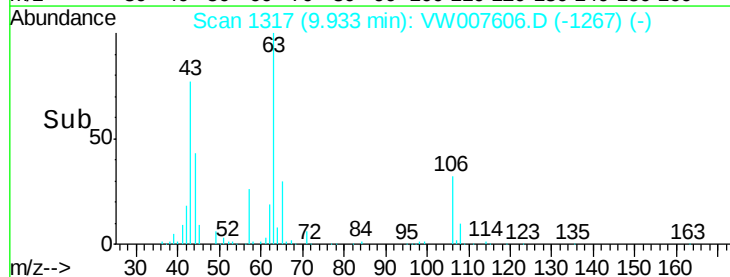
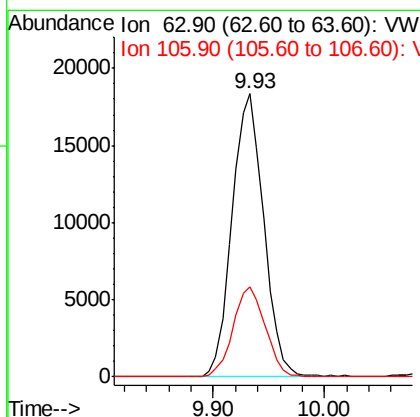
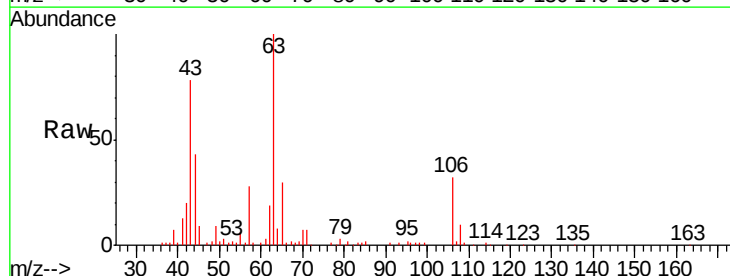
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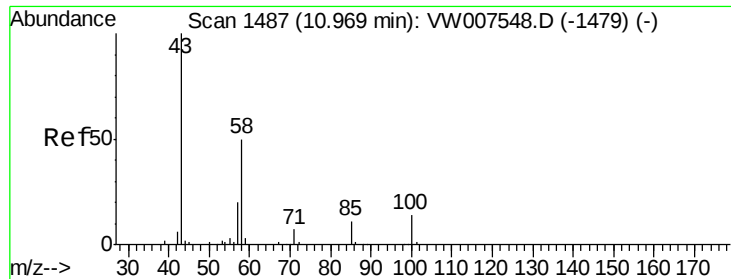
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#58
 2-Chloroethyl Vinyl ether
 Concen: 212.141 ug/l
 RT: 9.93 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Tgt Ion: 63 Resp: 36150
 Ion Ratio Lower Upper
 63 100
 106 32.3 25.0 37.6





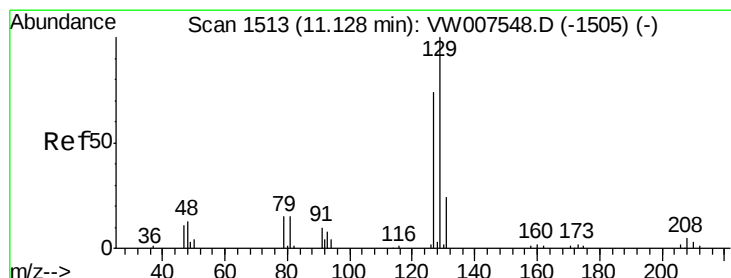
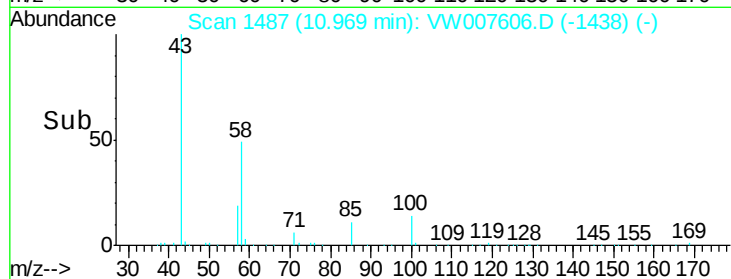
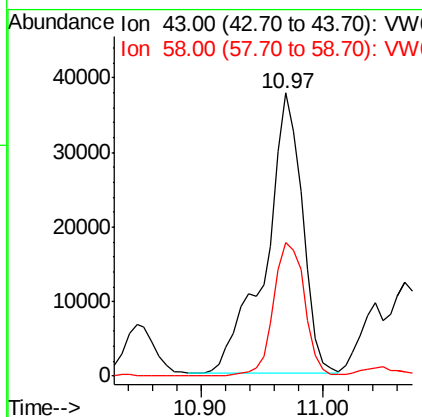
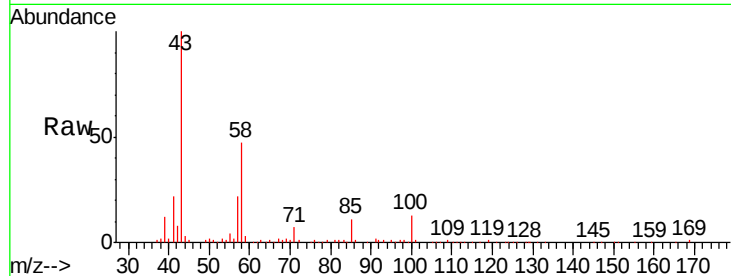
#59
2-Hexanone
Concen: 545.444 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion: 43 Resp: 78200
Ion Ratio Lower Upper
43 100
58 40.9 27.1 81.3

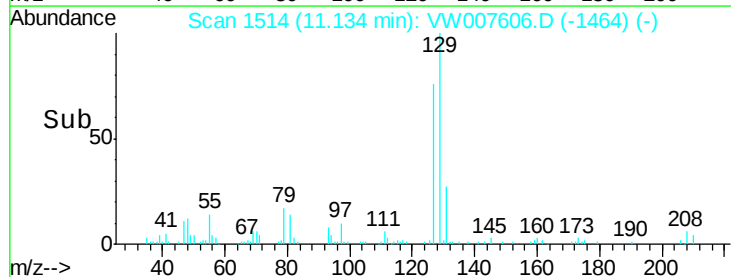
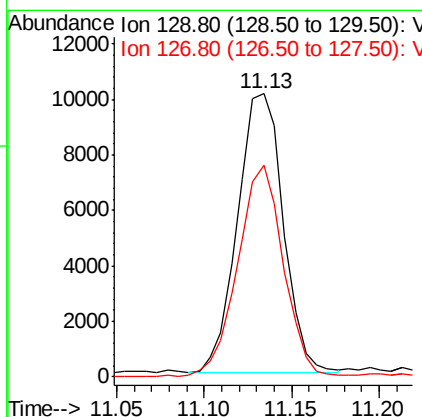
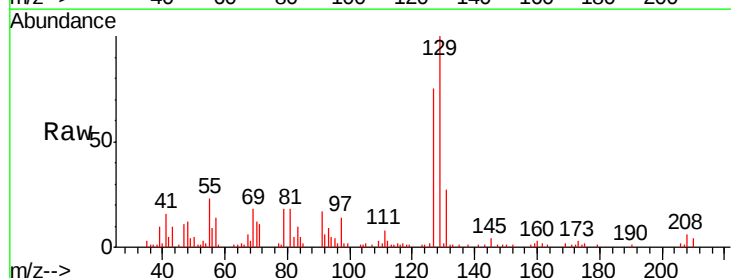
Manual Integrations
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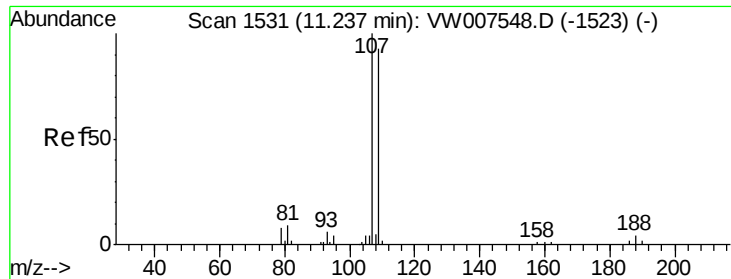
apatel
12/17/2018 4:40:47 PM



#60
Dibromochloromethane
Concen: 46.858 ug/l
RT: 11.13 min Scan# 1514
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion: 129 Resp: 18180
Ion Ratio Lower Upper
129 100
127 76.5 38.1 114.3





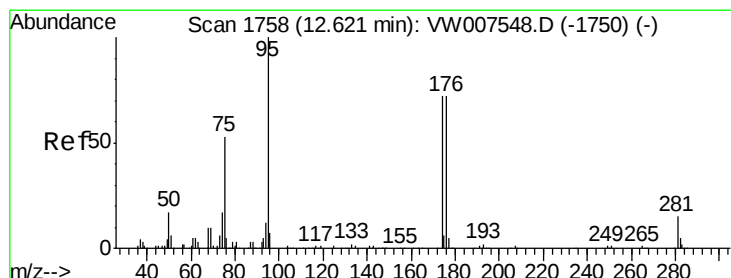
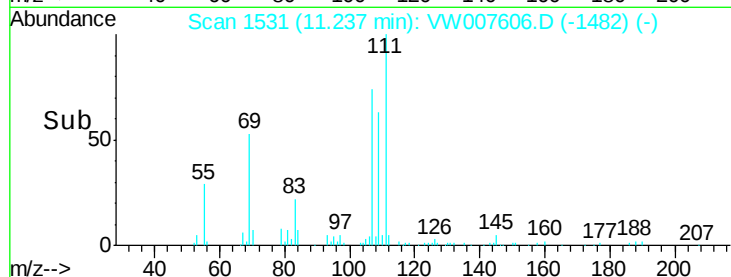
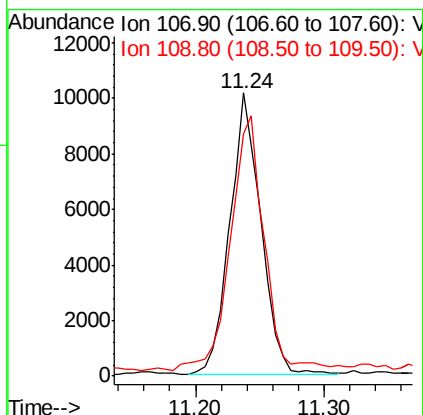
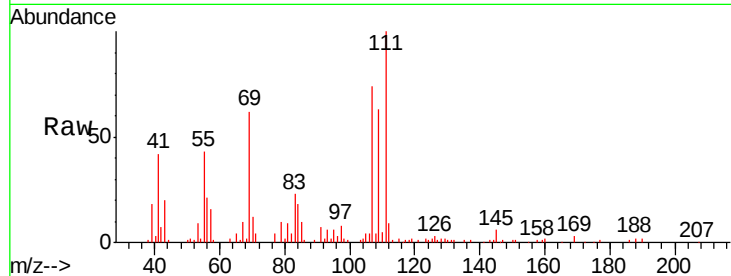
#61
 1,2-Dibromoethane
 Concen: 56.024 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion: 107 Resp: 17021
 Ion Ratio Lower Upper
 107 100
 109 97.4 79.1 118.7

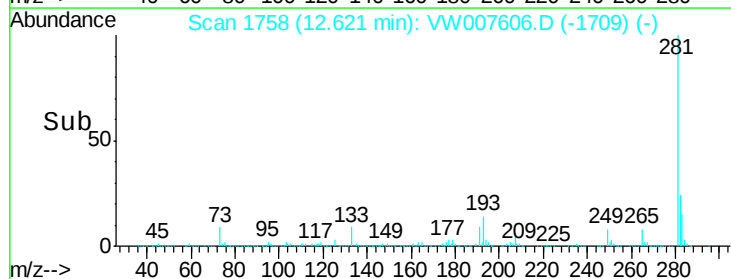
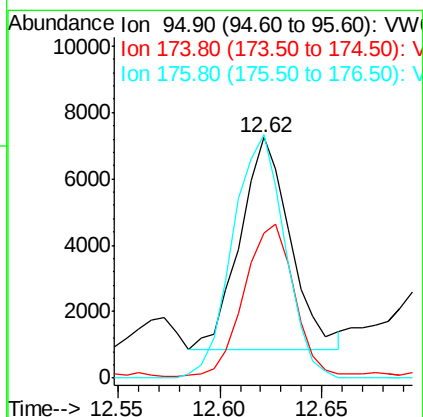
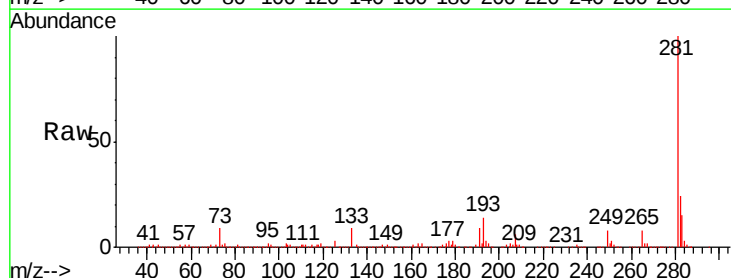
Manual Integrations
 APPROVED

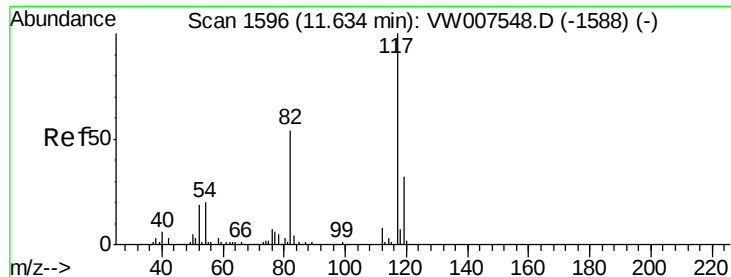
apatel
 12/17/2018 4:40:47 PM



#62
 4-Bromofluorobenzene
 Concen: 19.274 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Tgt Ion: 95 Resp: 10921
 Ion Ratio Lower Upper
 95 100
 174 71.0 0.0 147.2
 176 118.8 0.0 138.8





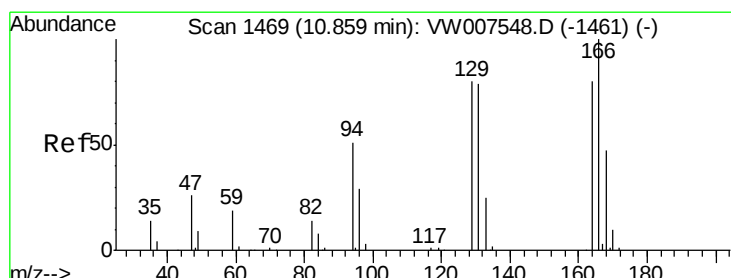
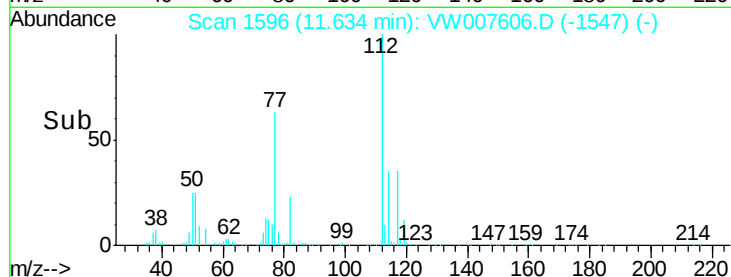
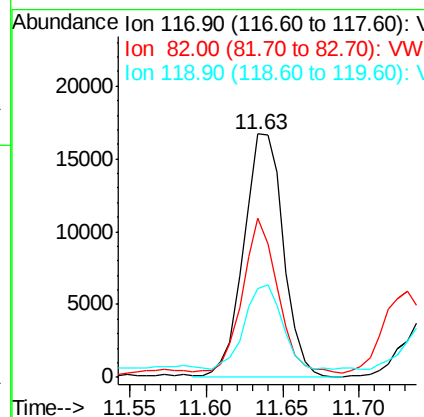
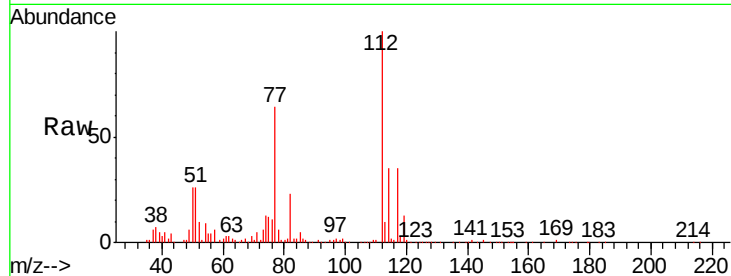
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion:117 Resp: 30134
Ion Ratio Lower Upper
117 100
82 63.7 42.3 63.5#
119 32.6 23.0 34.6

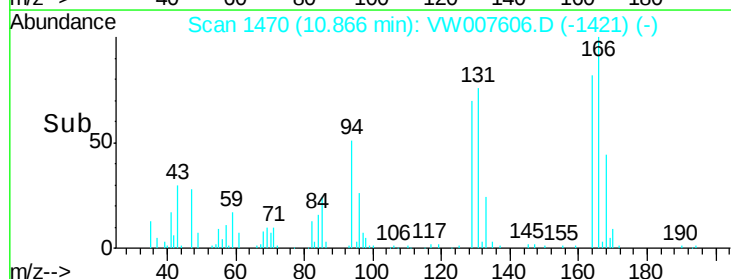
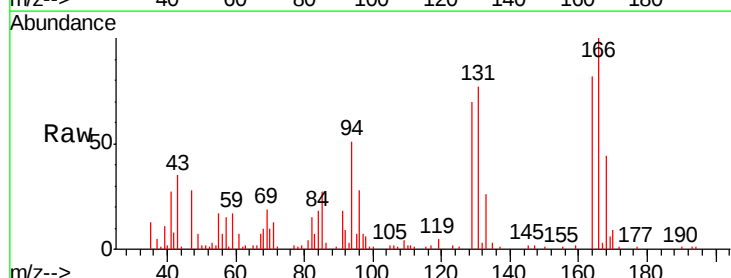
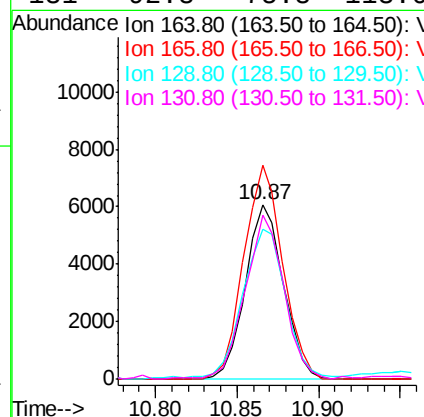
Manual Integrations
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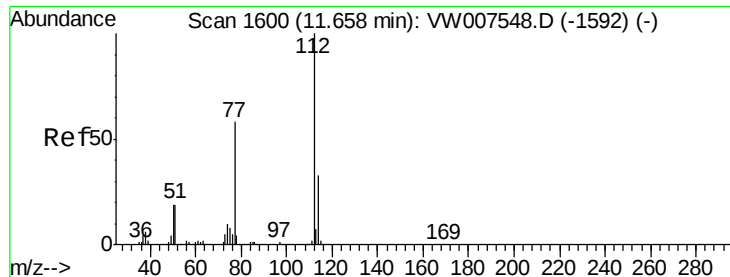
apatel
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#64
Tetrachloroethene
Concen: 45.546 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion:164 Resp: 9870
Ion Ratio Lower Upper
164 100
166 122.3 107.9 161.9
129 84.5 73.4 110.2
131 92.8 75.8 113.6





#65

Chlorobenzene

Concen: 3279.142 ug/l

RT: 11.66 min Scan# 1601

Delta R.T. 0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:112 Resp: 2059591

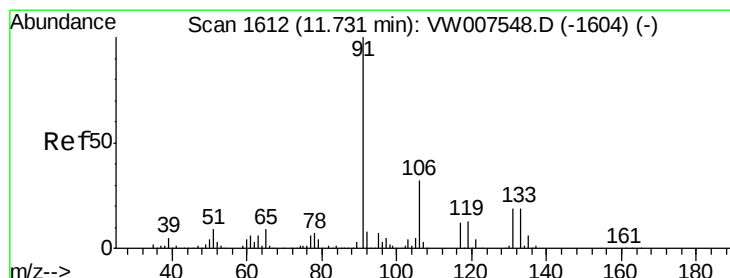
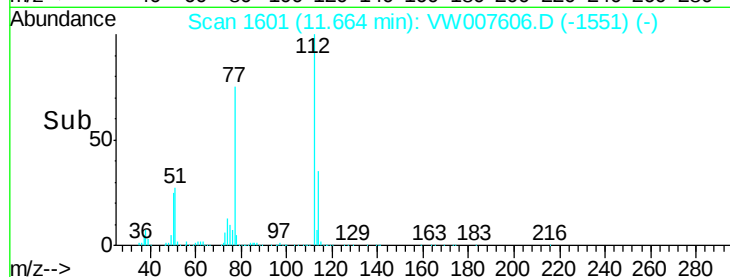
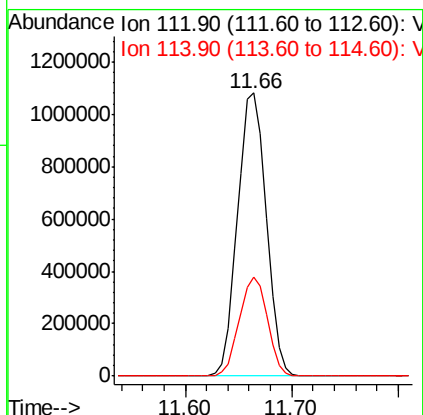
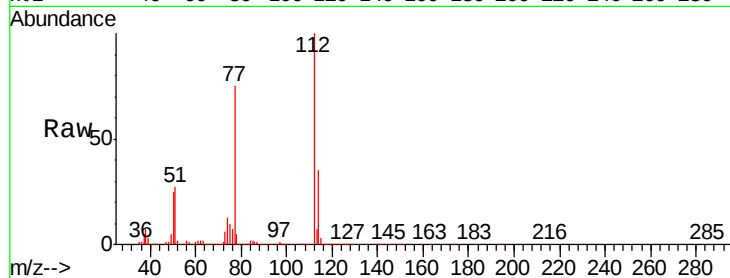
Ion Ratio Lower Upper

112 100

114 34.8 27.8 41.8

Manual Integrations
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#66

1,1,1,2-Tetrachloroethane

Concen: 52.289 ug/l

RT: 11.74 min Scan# 1614

Delta R.T. 0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

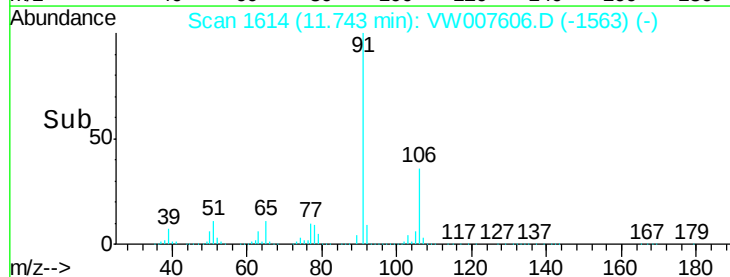
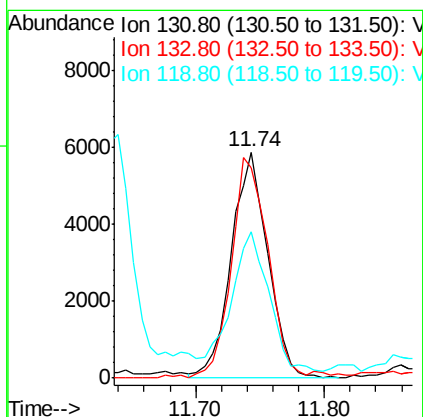
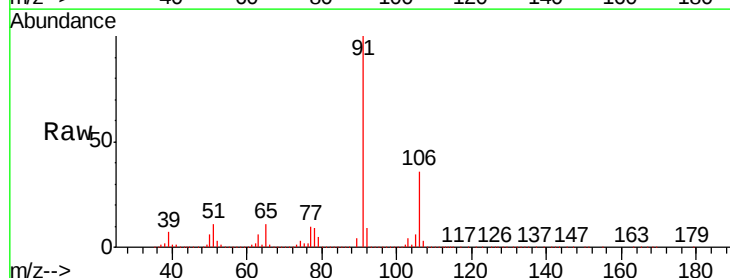
Tgt Ion:131 Resp: 11567

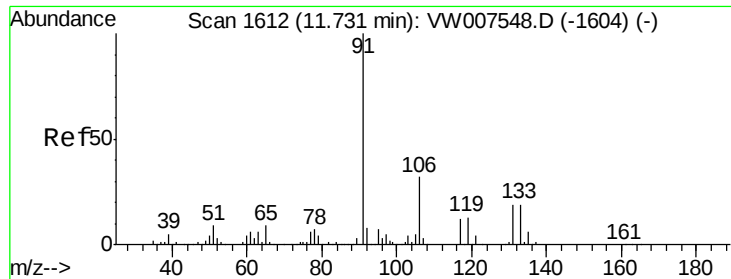
Ion Ratio Lower Upper

131 100

133 97.5 47.1 141.4

119 63.9 31.3 93.9





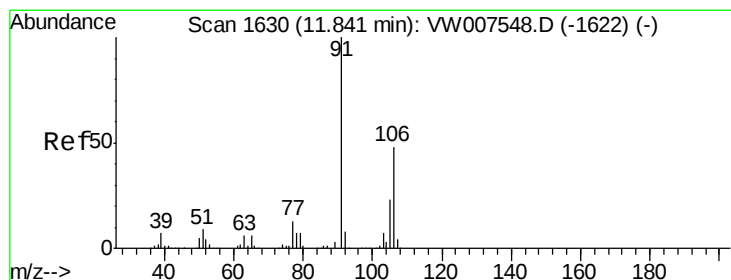
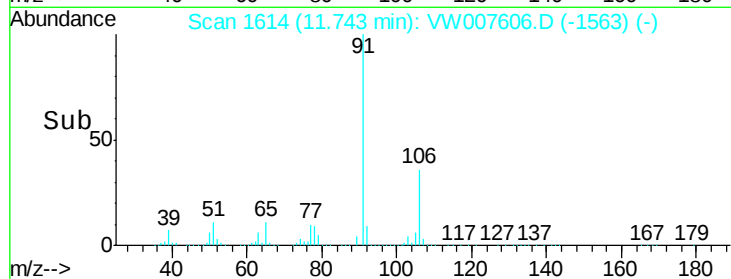
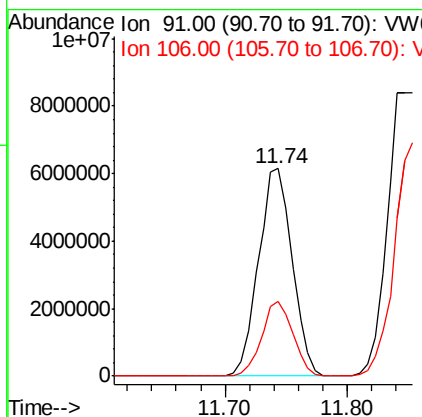
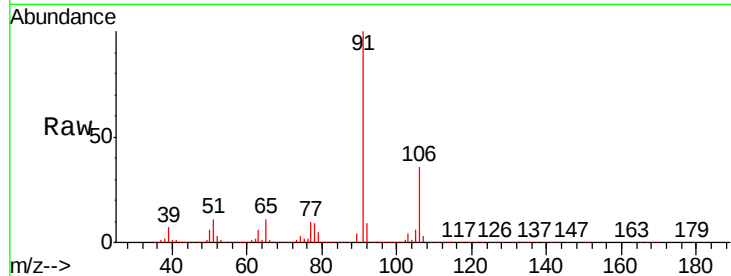
#67
Ethyl Benzene
Concen: 10925.447 ug/l
RT: 11.74 min Scan# 1614
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion: 91 Resp:11797936
Ion Ratio Lower Upper
91 100
106 35.8 21.8 32.8#

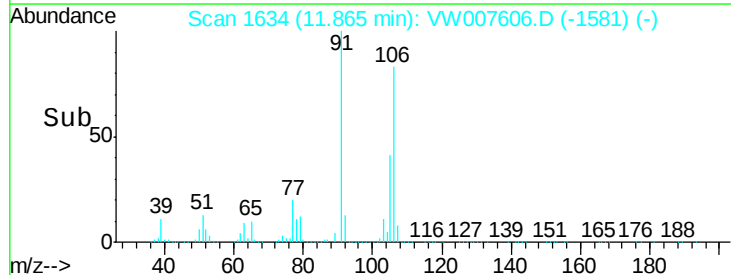
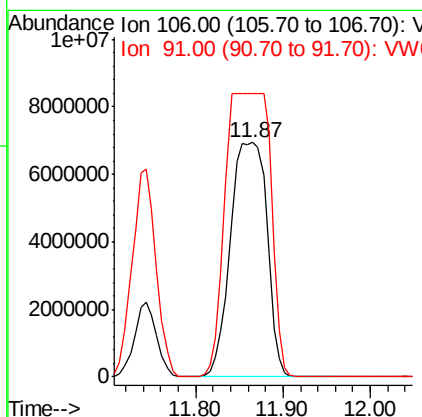
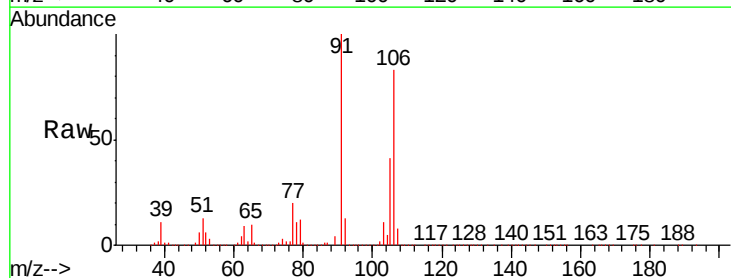
Manual Integrations
APPROVED

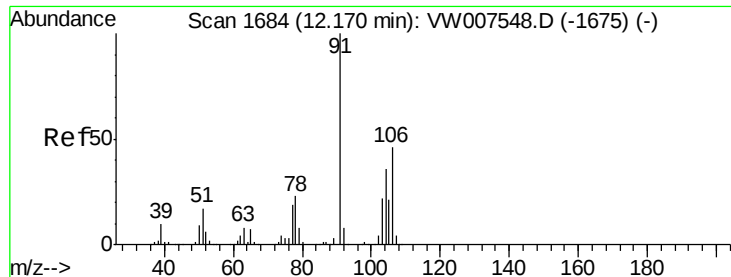
apatel
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#68
m/p-Xylenes
Concen: 47831.710 ug/l
RT: 11.87 min Scan# 1634
Delta R.T. 0.02 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion:106 Resp:20079844
Ion Ratio Lower Upper
106 100
91 0.0 165.3 247.9#





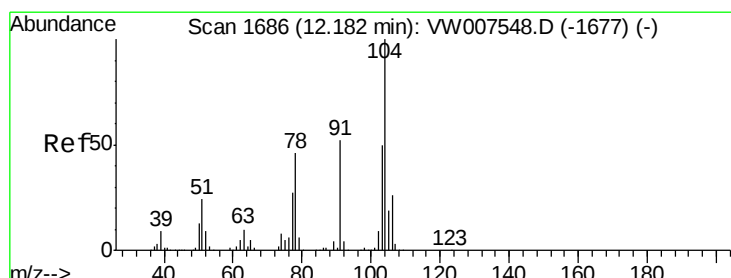
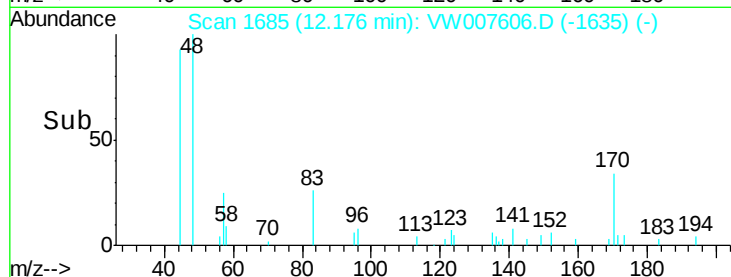
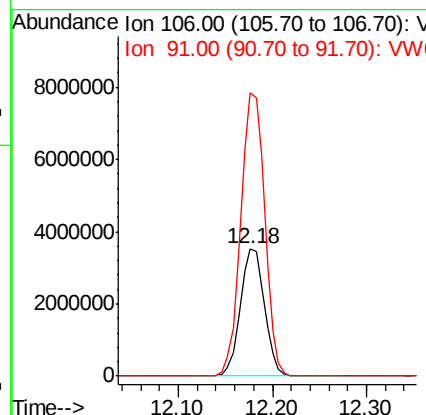
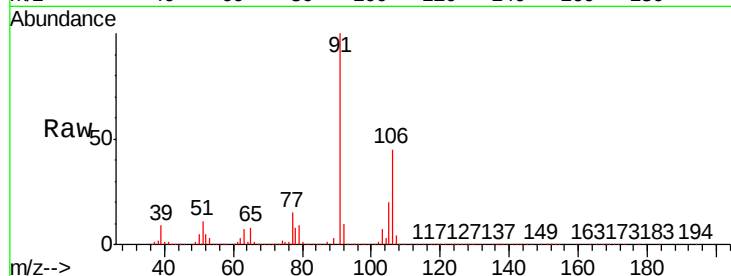
#69
o-Xylene
Concen: 15943.686 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion:106 Resp: 6250997
Ion Ratio Lower Upper
106 100
91 222.2 106.6 319.8

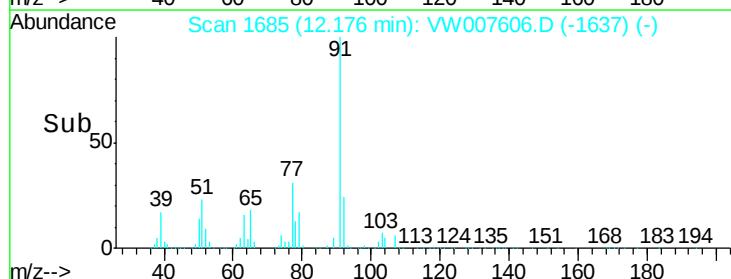
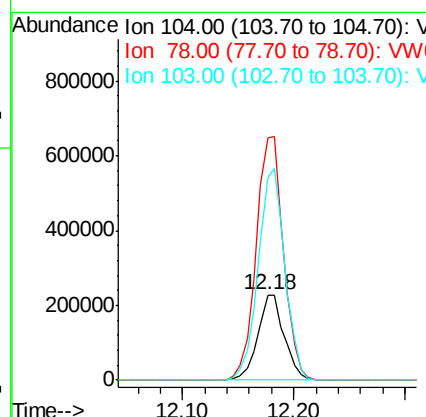
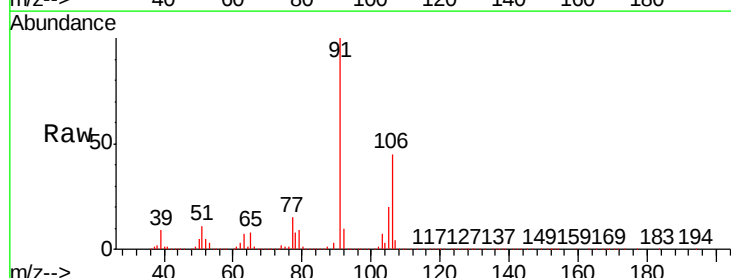
Manual Integrations
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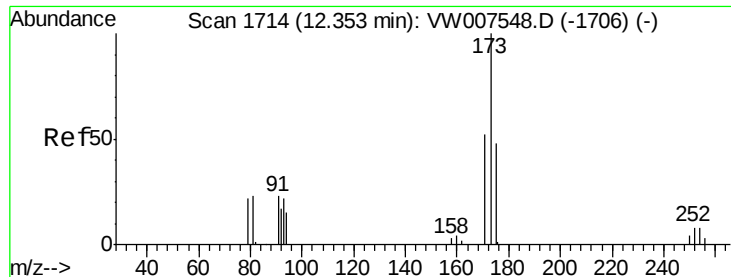
apatel
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#70
Styrene
Concen: 590.791 ug/l
RT: 12.18 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion:104 Resp: 374131
Ion Ratio Lower Upper
104 100
78 297.3 41.8 62.8#
103 253.0 46.6 69.8#





#71

Bromoform

Concen: 76.643 ug/l

RT: 12.36 min Scan# 1715

Delta R.T. 0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

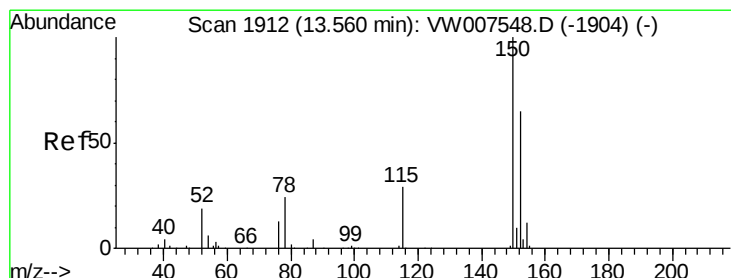
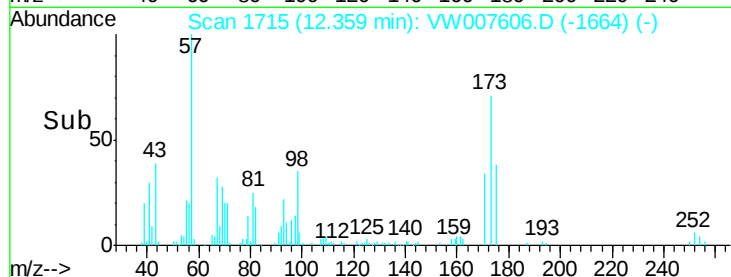
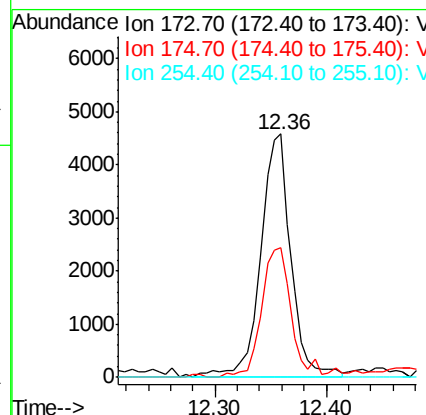
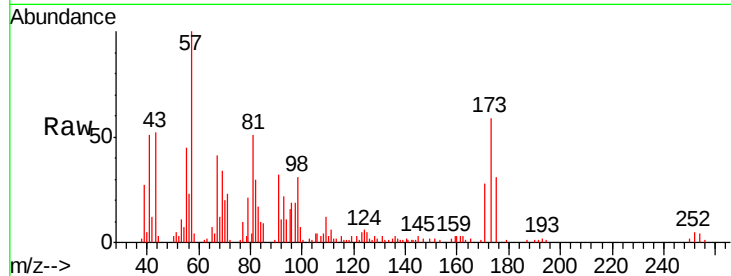
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
173	100	8678		
175	52.5	23.6	70.8	
254	0.0	0.0	0.0	

Manual Integrations
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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

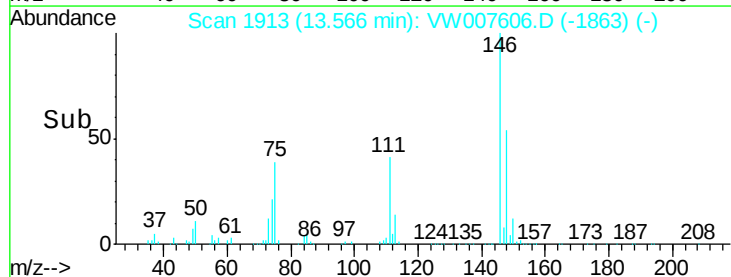
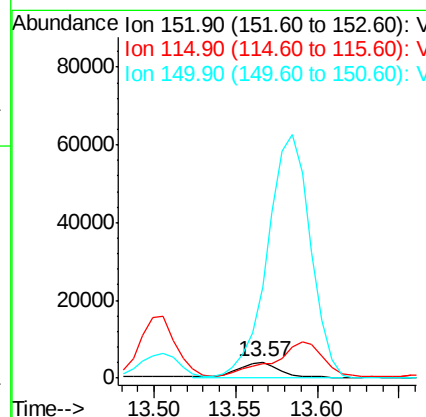
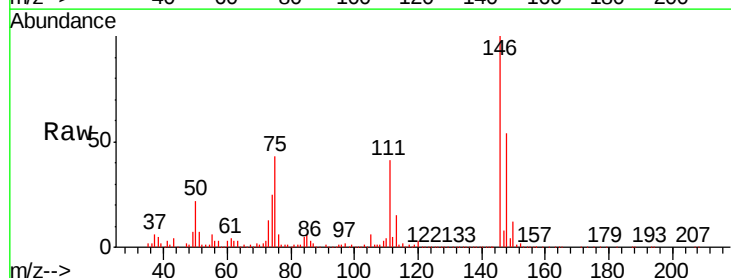
RT: 13.57 min Scan# 1913

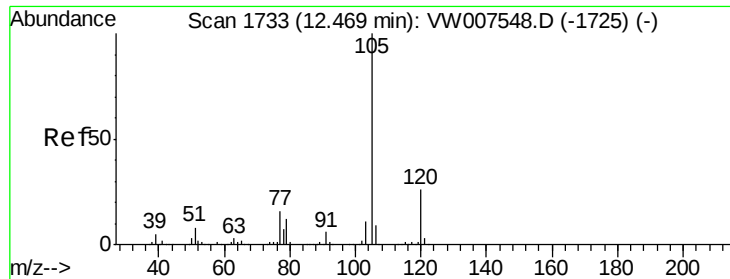
Delta R.T. 0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	7261		
115	0.0	31.4	94.2#	
150	0.0	0.0	358.4	





#73

Isopropylbenzene

Concen: 369.870 ug/l

RT: 12.46 min Scan# 1732

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion: 105 Resp: 205783

Ion Ratio Lower Upper

105 100

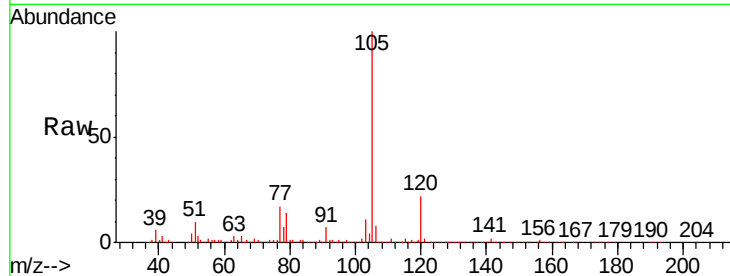
120 25.9 12.8 38.4

Manual Integrations

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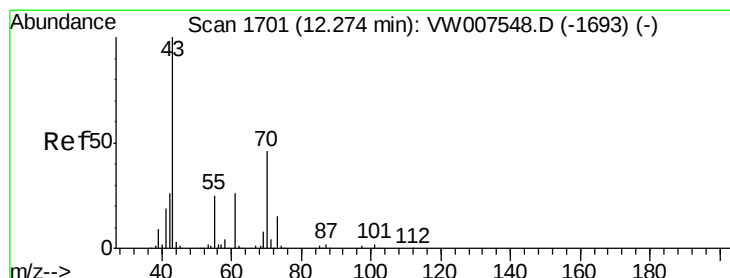
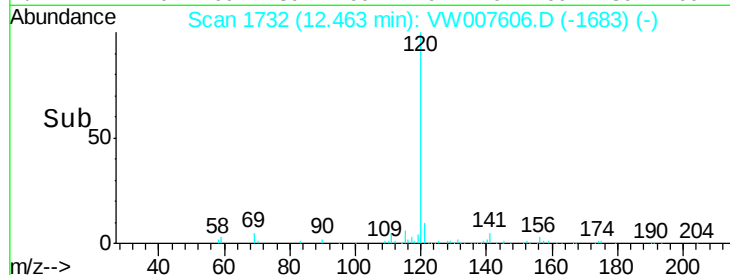
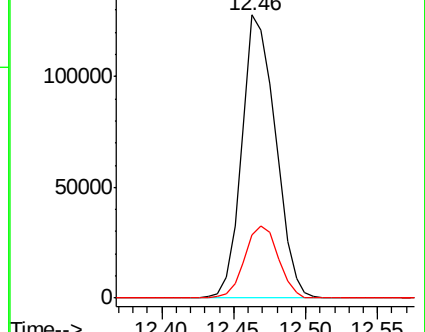
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 190.052 ug/l

RT: 12.26 min Scan# 1699

Delta R.T. -0.01 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Tgt Ion: 43 Resp: 19217

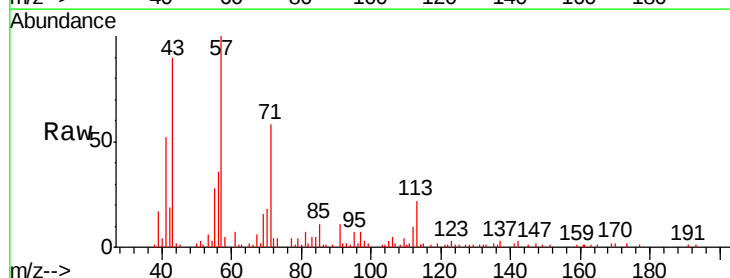
Ion Ratio Lower Upper

43 100

70 0.0 36.5 54.7#

55 10.1 20.1 30.1#

61 0.0 19.3 28.9#

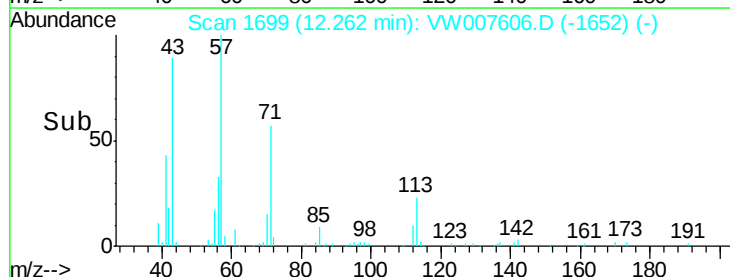
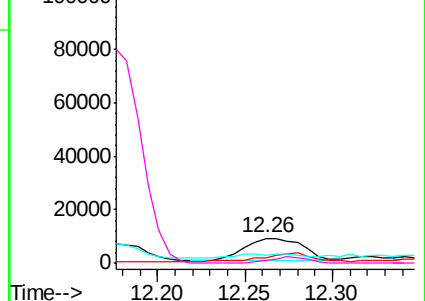


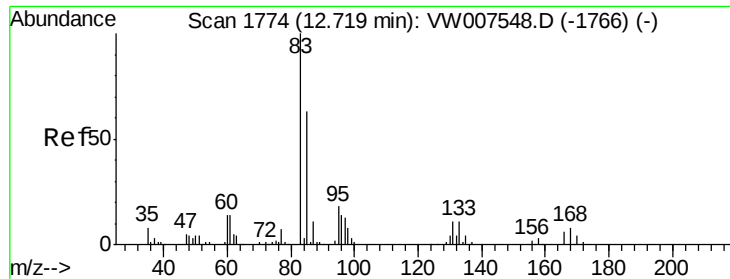
Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 70.00 (69.70 to 70.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 61.00 (60.70 to 61.70): VW





#75

1,1,2,2-Tetrachloroethane

Concen: 178.948 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

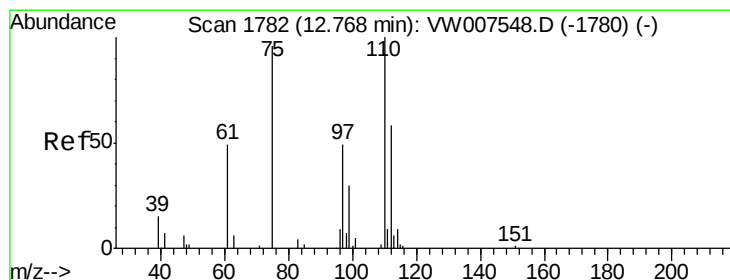
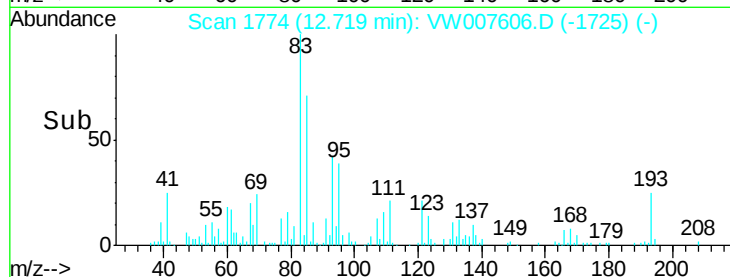
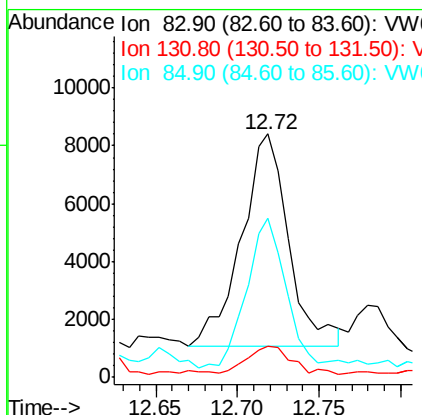
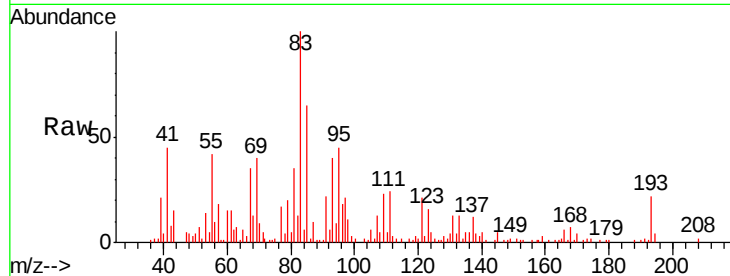
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	83	Resp:	14746
Ion Ratio	Lower	Upper	
83	100		
131	12.0	5.9	17.8
85	58.3	30.0	90.0

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#76

1,2,3-Trichloropropane

Concen: 348.611 ug/l

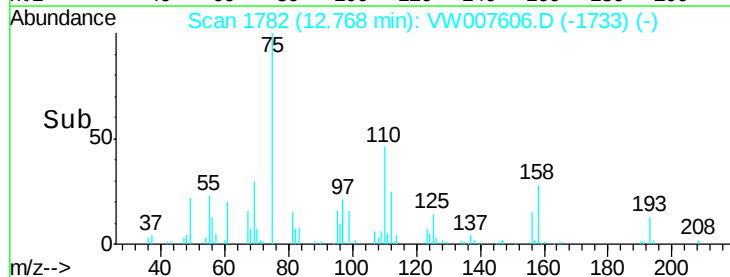
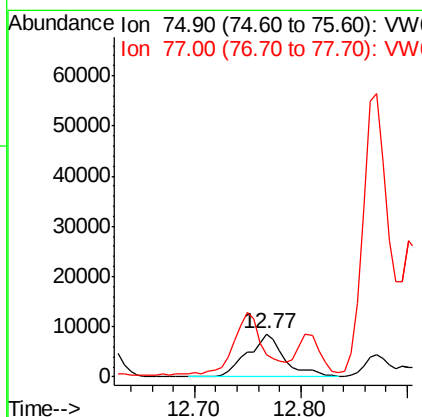
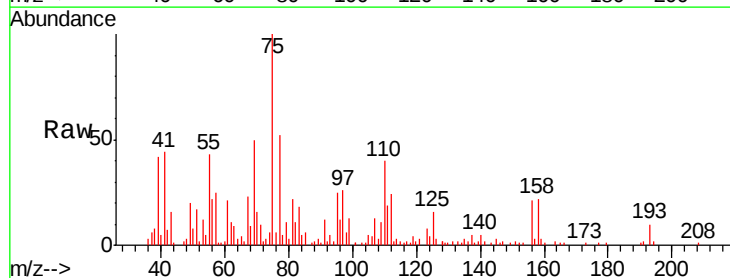
RT: 12.77 min Scan# 1782

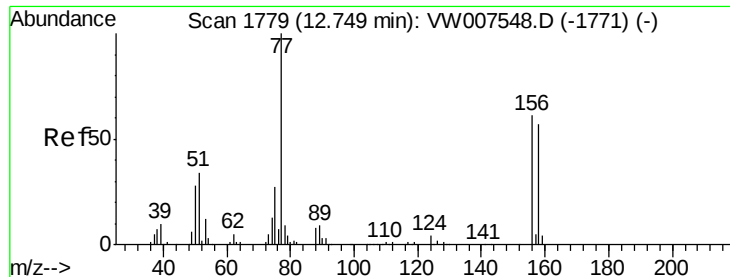
Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Tgt Ion:	75	Resp:	20871
Ion Ratio	Lower	Upper	
75	100		
77	120.2	166.9	500.8#





#77

Bromobenzene

Concen: 84.533 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

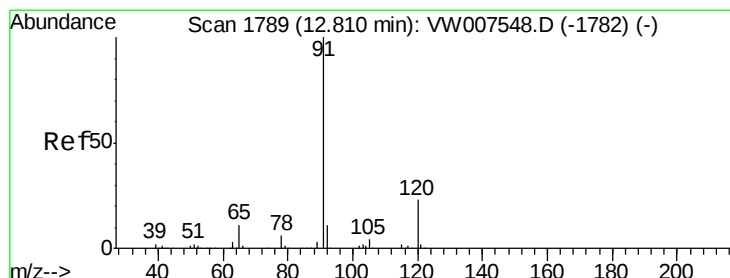
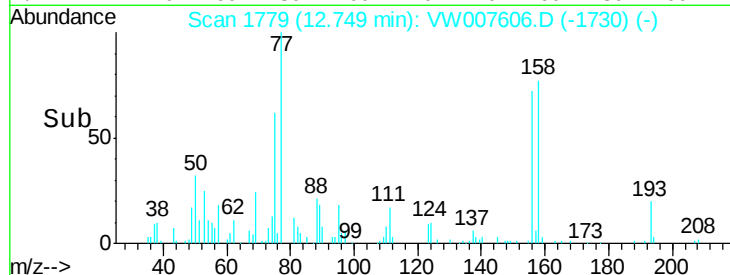
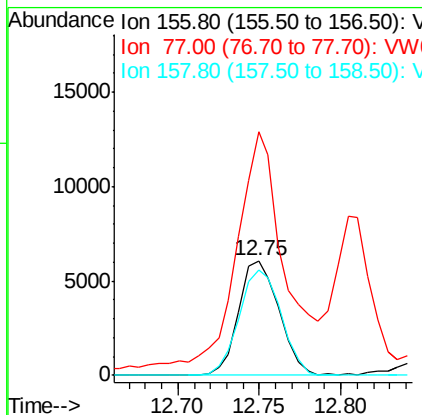
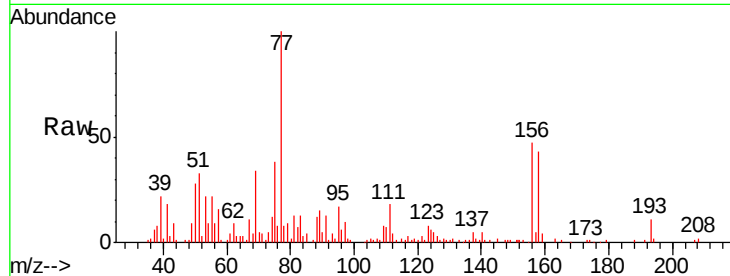
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	156	Resp:	10425
Ion Ratio	Lower	Upper	
156	100		
77	240.5	88.1	264.4
158	96.2	45.6	136.7

Manual Integrations
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#78

n-propylbenzene

Concen: 461.609 ug/l

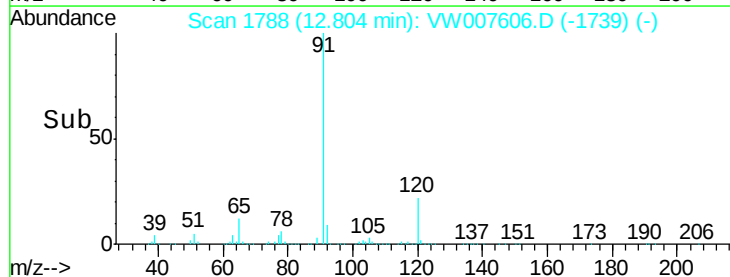
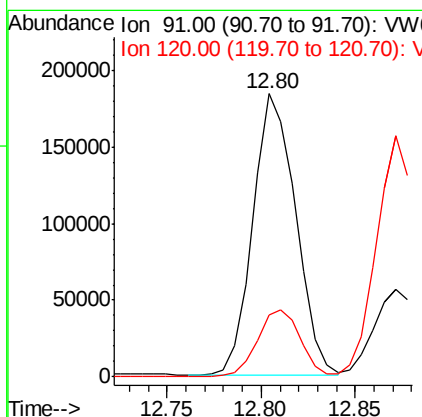
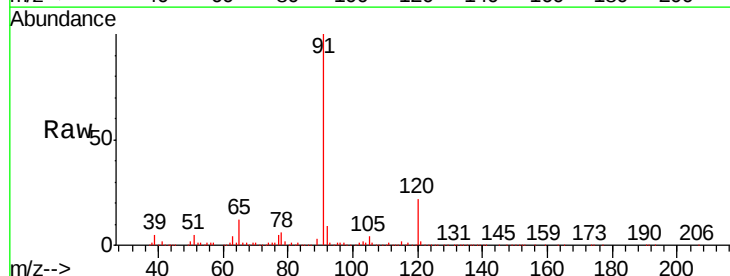
RT: 12.80 min Scan# 1788

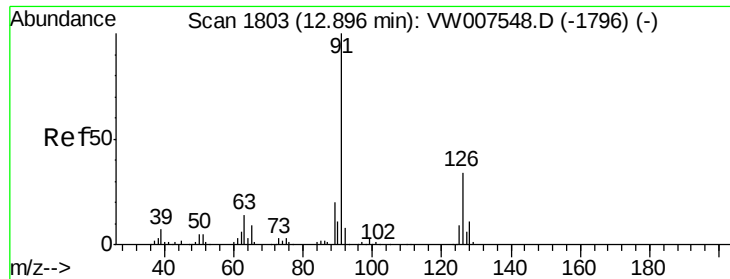
Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Tgt Ion:	91	Resp:	289031
Ion Ratio	Lower	Upper	
91	100		
120	24.2	11.9	35.5





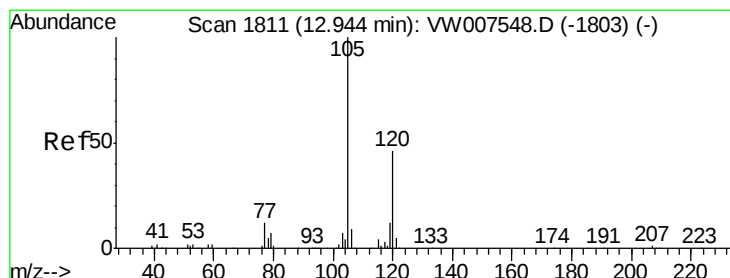
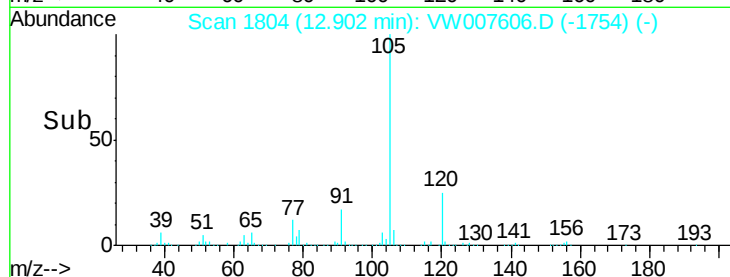
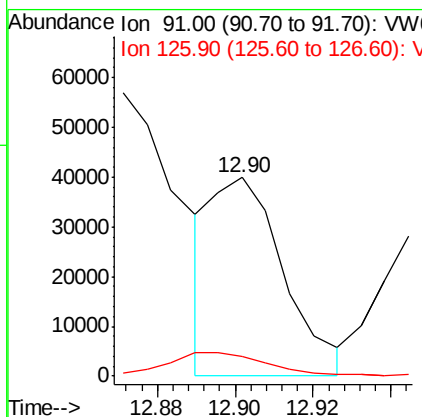
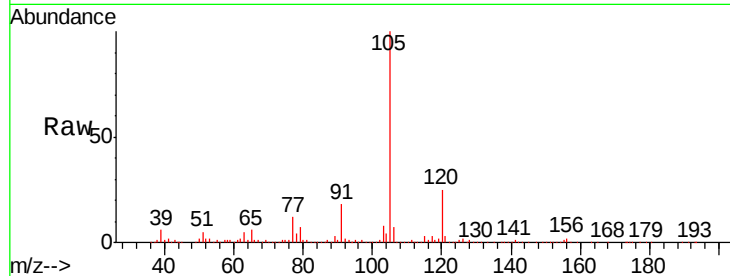
#79
 2-Chlorotoluene
 Concen: 135.764 ug/l m
 RT: 12.90 min Scan# 1804
 Delta R.T. 0.01 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion: 91 Resp: 51436
 Ion Ratio Lower Upper
 91 100
 126 20.6 15.9 47.6

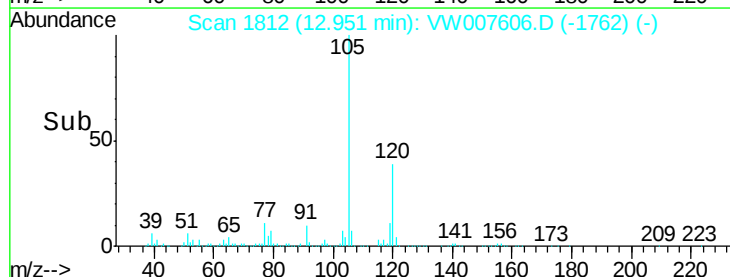
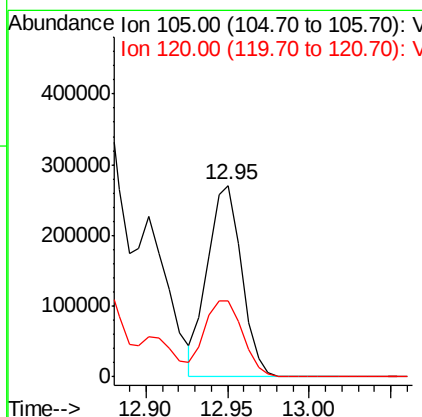
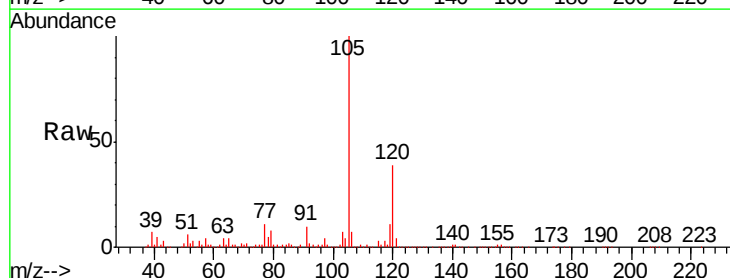
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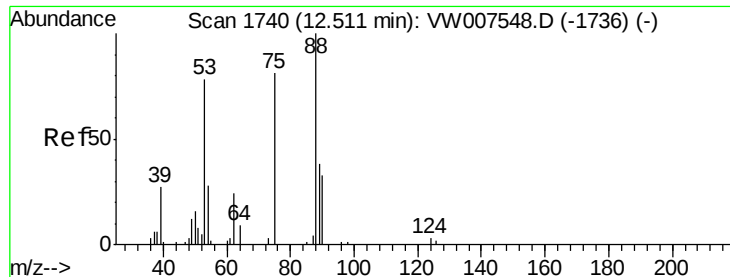
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#80
 1,3,5-Trimethylbenzene
 Concen: 845.597 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Tgt Ion: 105 Resp: 395304
 Ion Ratio Lower Upper
 105 100
 120 44.4 23.8 71.4





#81

trans-1,4-Dichloro-2-butene

Concen: 159.876 ug/l

RT: 12.52 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Instrument :

MSVOA_W

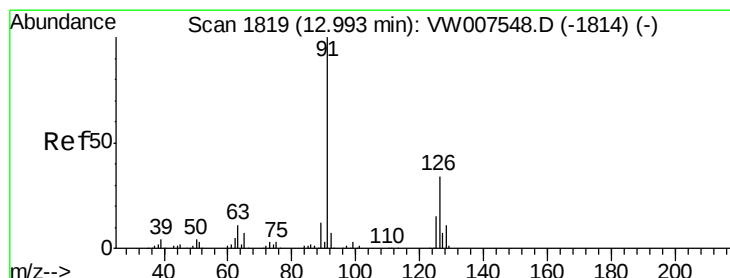
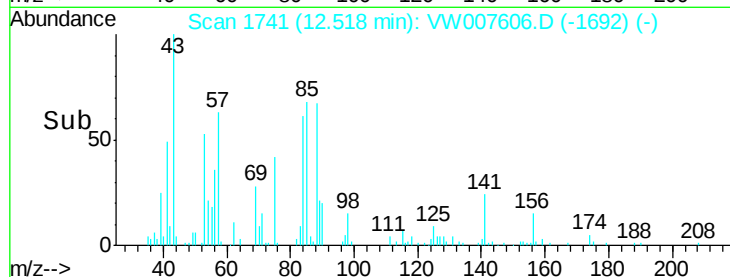
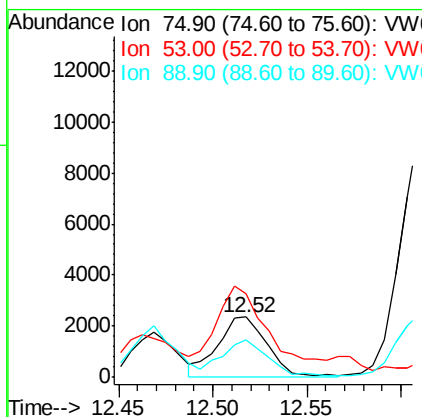
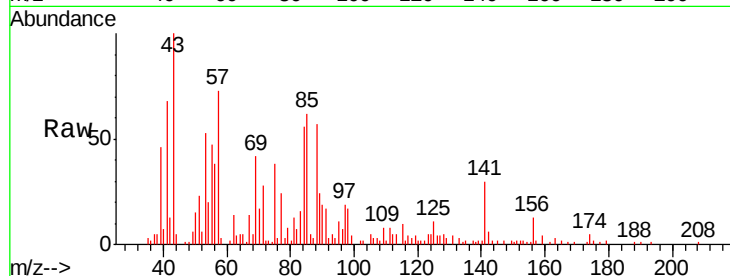
ClientSampleId :

P001-SD012-0612-01MS

Tgt Ion:	75	Resp:	4333
Ion	Ratio	Lower	Upper
75	100		
53	104.9	84.9	127.3
89	56.2	40.3	60.5

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#82

4-Chlorotoluene

Concen: 67.490 ug/l

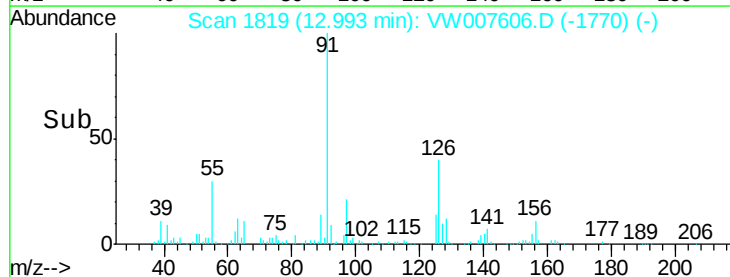
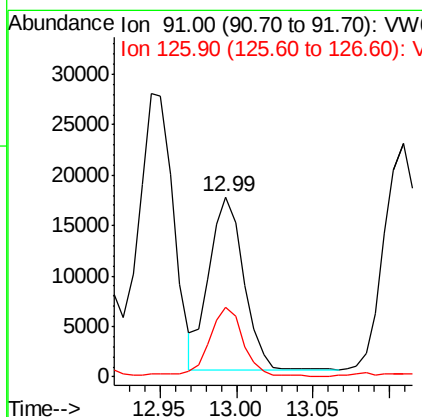
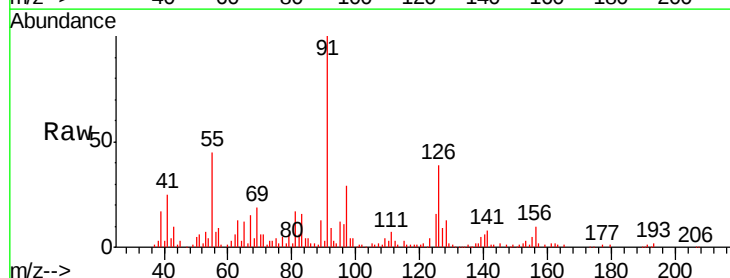
RT: 12.99 min Scan# 1819

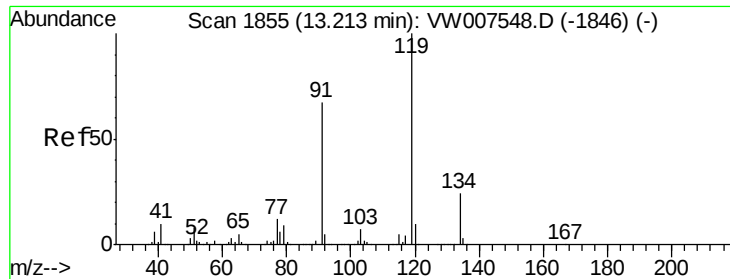
Delta R.T. -0.00 min

Lab File: VW007606.D

Acq: 16 Dec 2018 03:23

Tgt Ion:	91	Resp:	26953
Ion	Ratio	Lower	Upper
91	100		
126	39.2	16.0	48.0





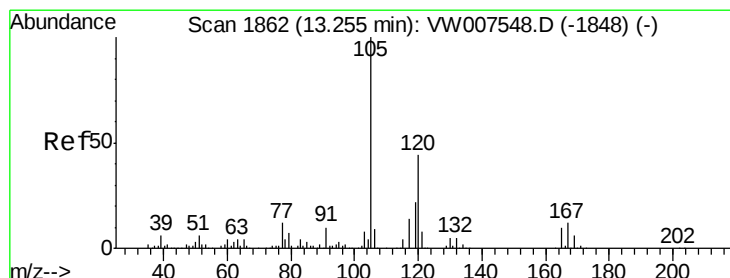
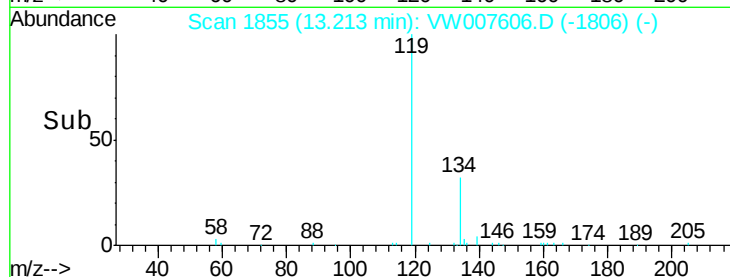
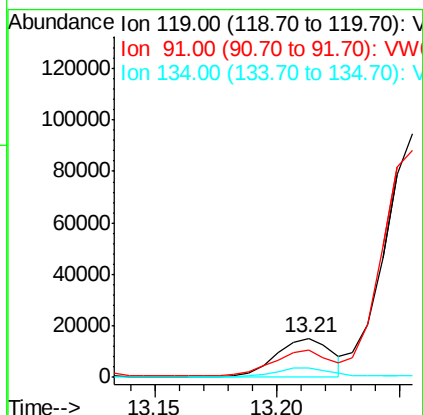
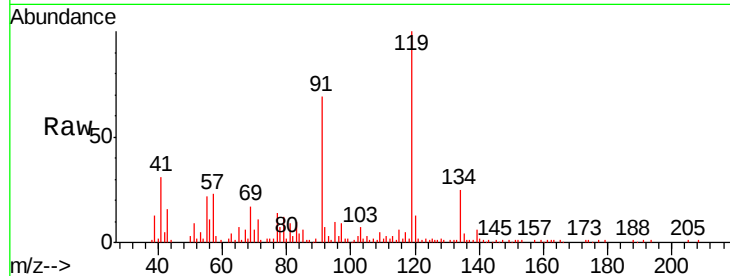
#83
tert-Butylbenzene
Concen: 56.965 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
119	100		
91	68.7	33.1	99.2
134	26.1	12.5	37.5

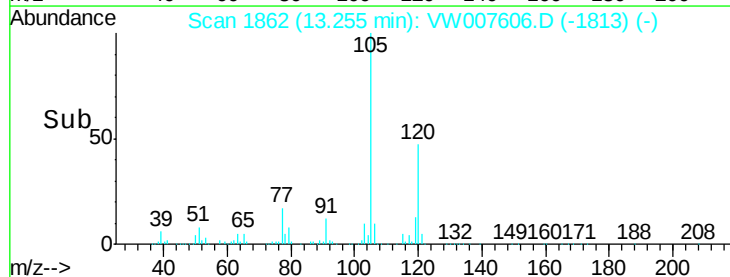
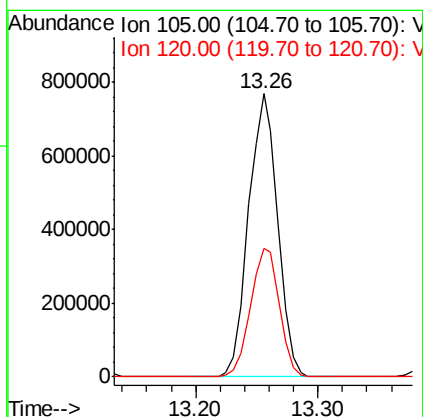
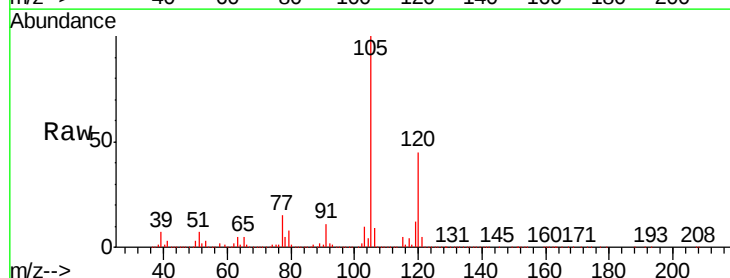
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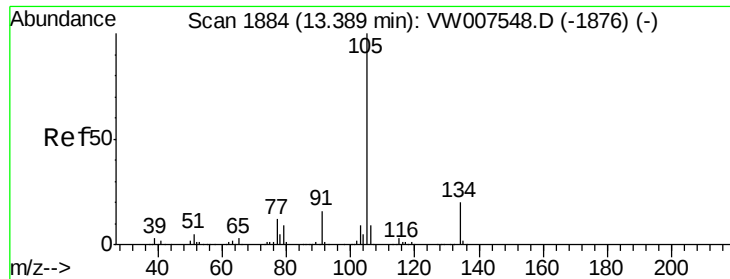
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#84
1,2,4-Trimethylbenzene
Concen: 2630.867 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.4	22.6	67.7





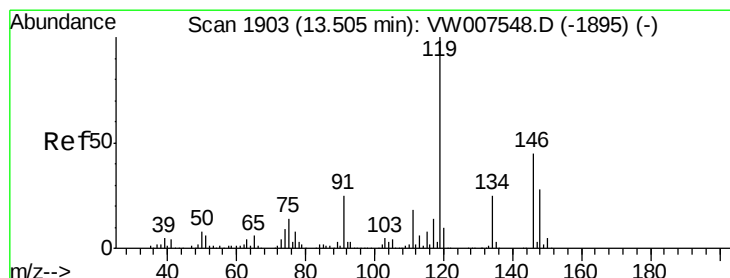
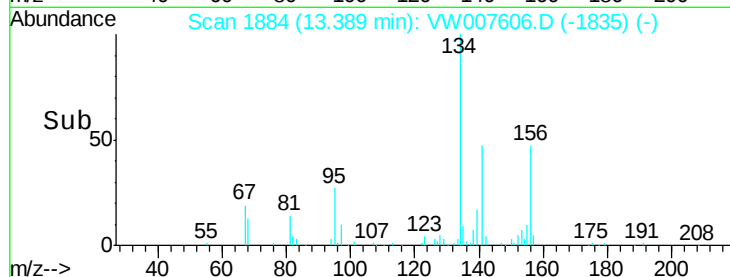
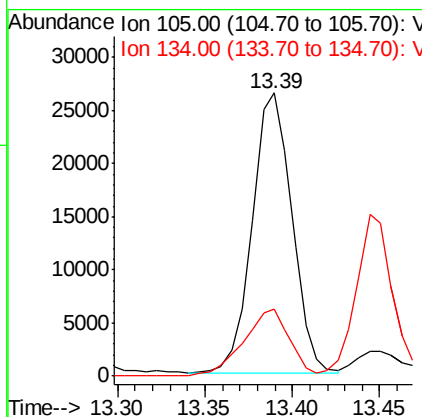
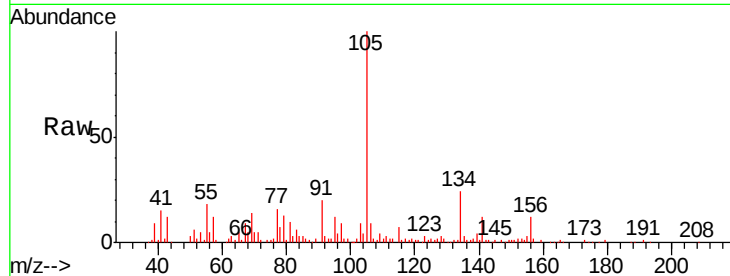
#85
 sec-Butylbenzene
 Concen: 73.511 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion:105 Resp: 41337
 Ion Ratio Lower Upper
 105 100
 134 28.0 11.1 33.3

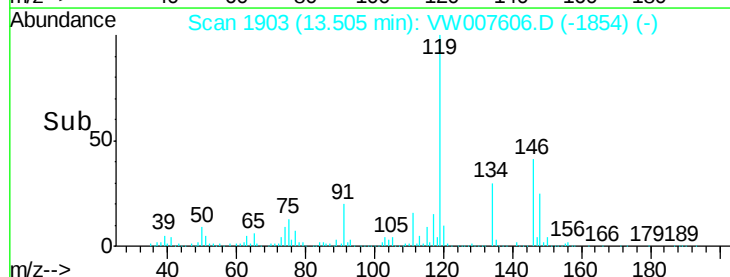
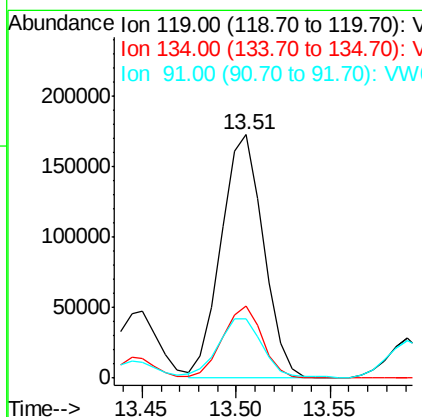
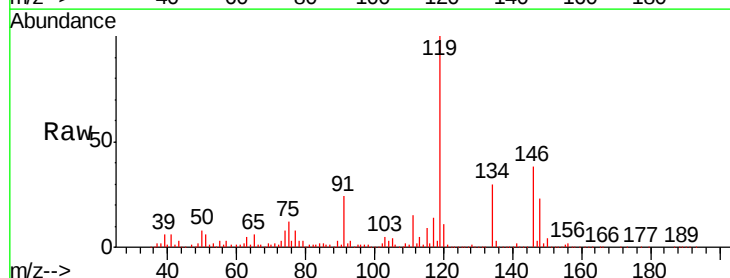
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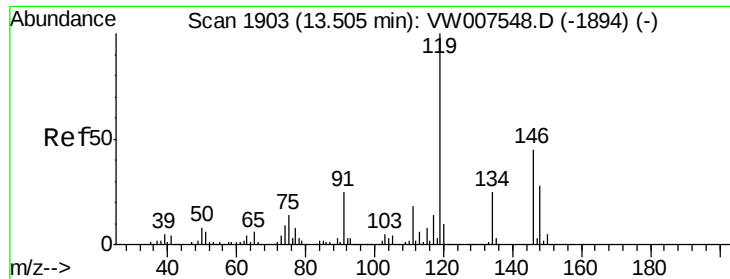
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#86
 p-Isopropyltoluene
 Concen: 528.131 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Tgt Ion:119 Resp: 266797
 Ion Ratio Lower Upper
 119 100
 134 27.7 12.9 38.7
 91 25.0 11.9 35.9





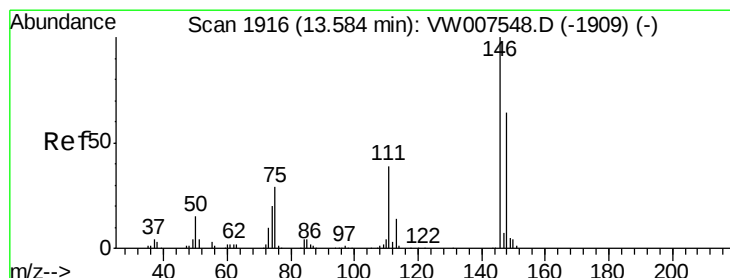
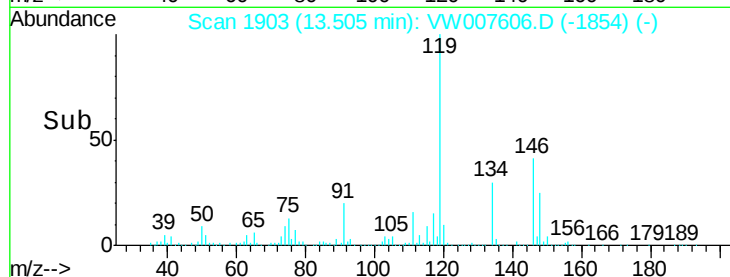
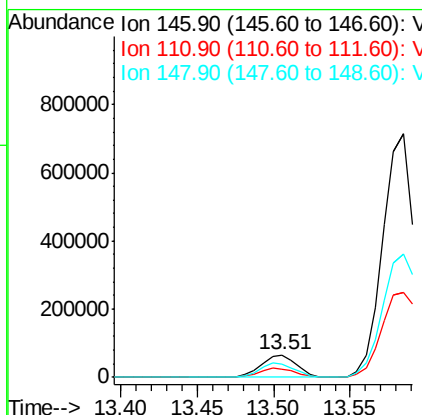
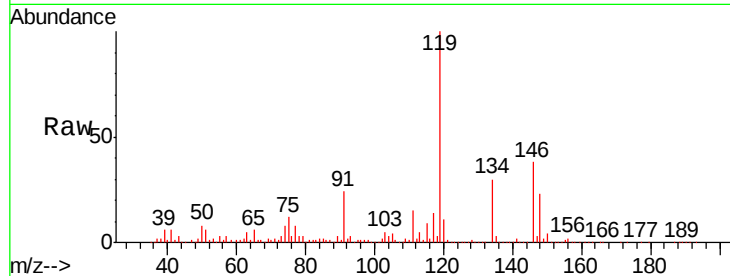
#87
 1,3-Dichlorobenzene
 Concen: 427.710 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	41.3	20.1	60.3
148	64.8	31.4	94.0

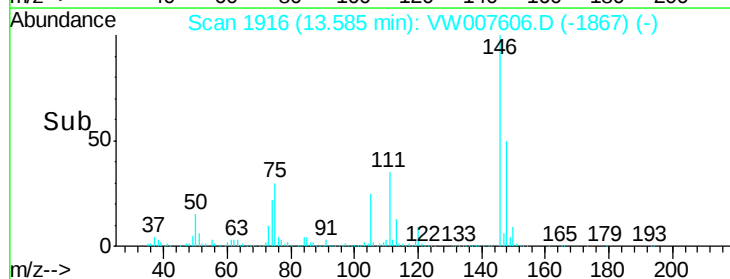
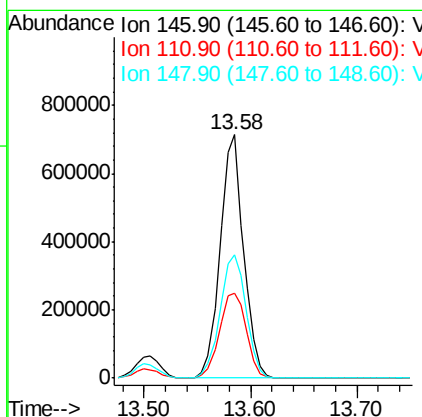
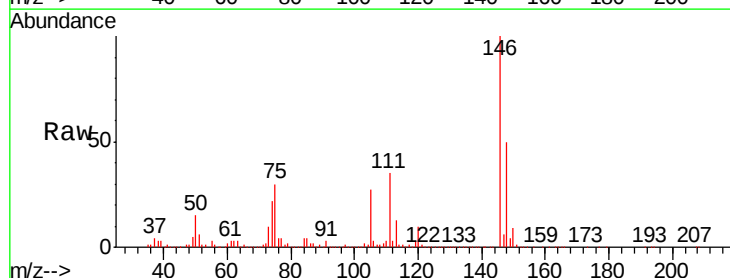
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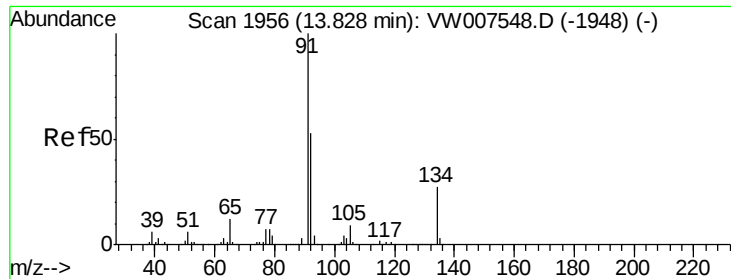
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#88
 1,4-Dichlorobenzene
 Concen: 4409.183 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.7	20.3	61.0
148	56.4	33.5	100.5





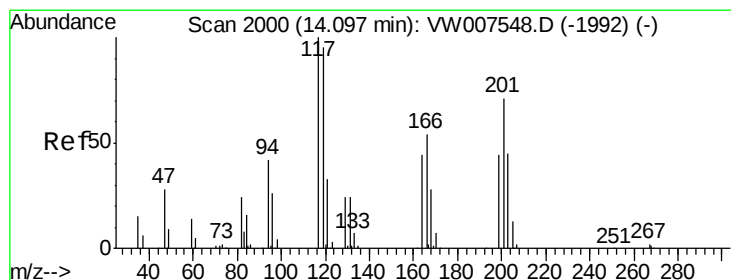
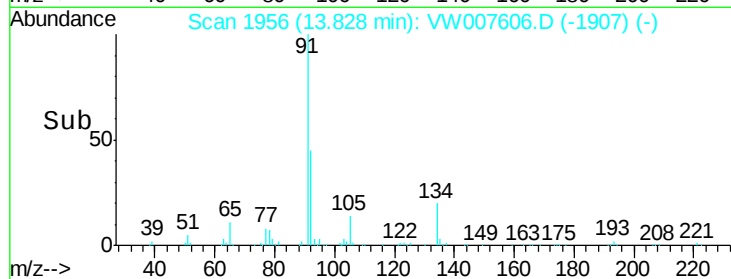
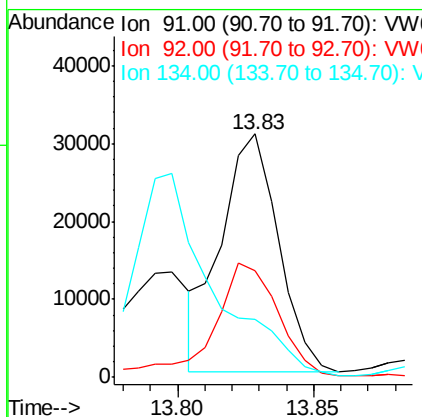
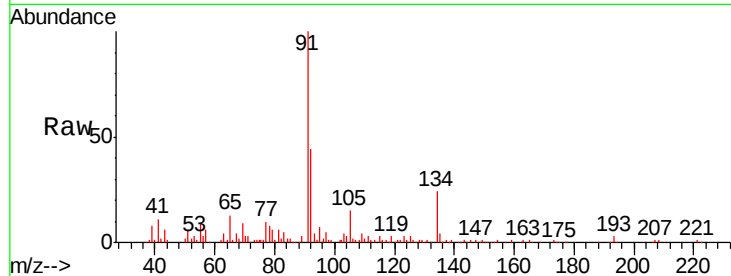
#89
n-Butylbenzene
Concen: 95.290 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
91	100		
92	52.4	25.7	77.1
134	0.0	13.4	40.2#

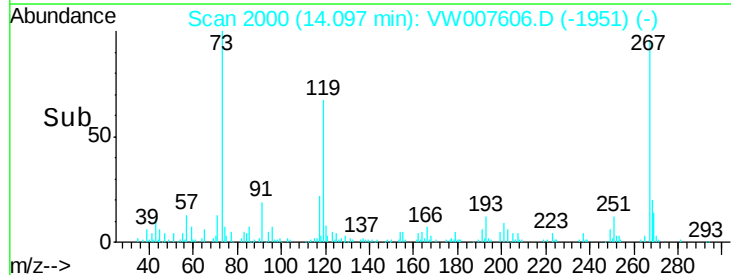
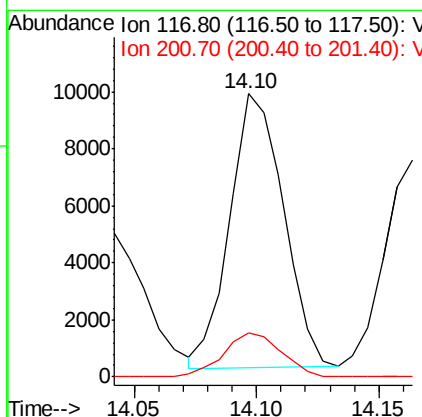
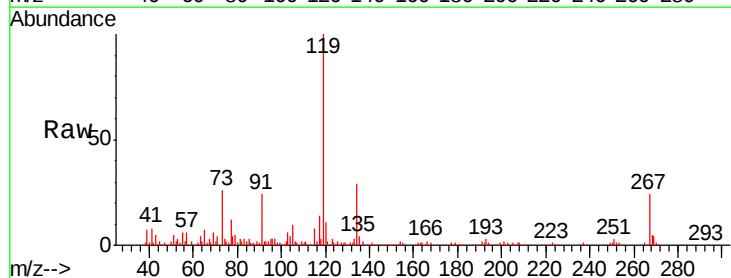
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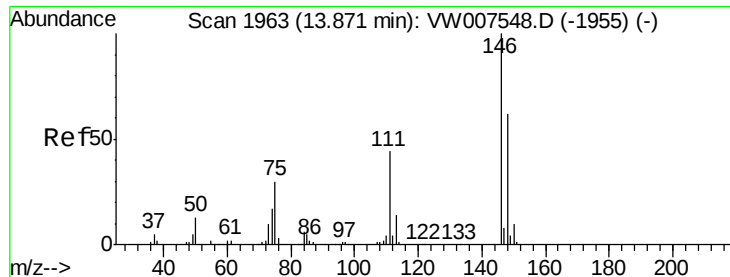
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#90
Hexachloroethane
Concen: 163.753 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	17.1	35.3	105.9#





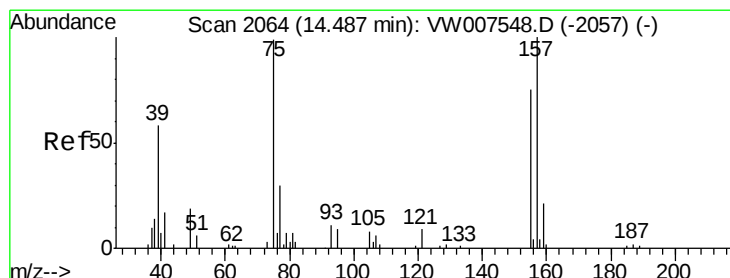
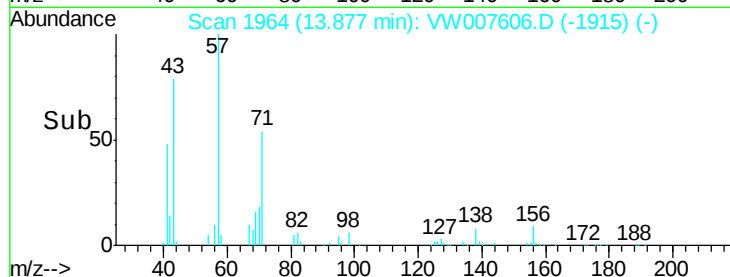
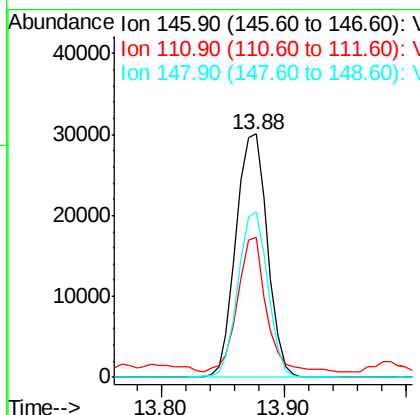
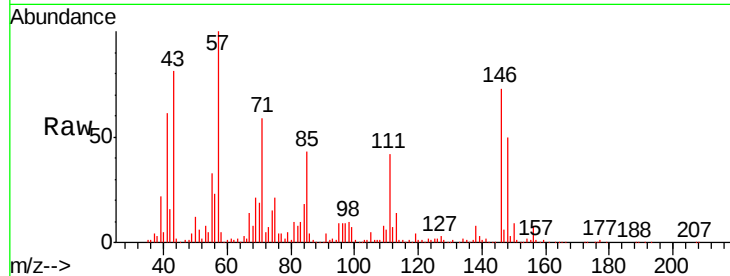
#91
 1,2-Dichlorobenzene
 Concen: 243.147 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. -0.00 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Instrument :
 MSVOA_W
 ClientSampleId :
 P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
146	100		
111	50.0	22.4	67.2
148	64.5	32.4	97.2

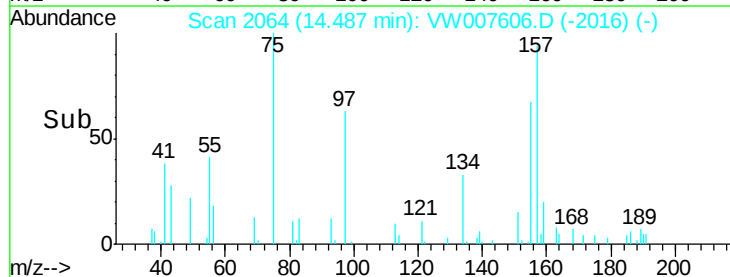
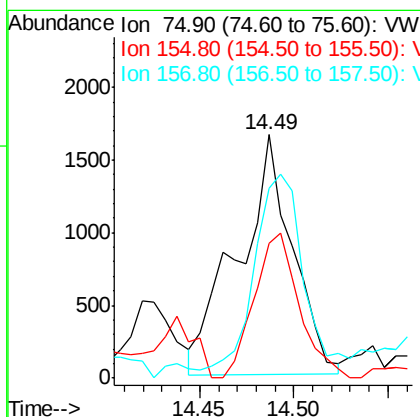
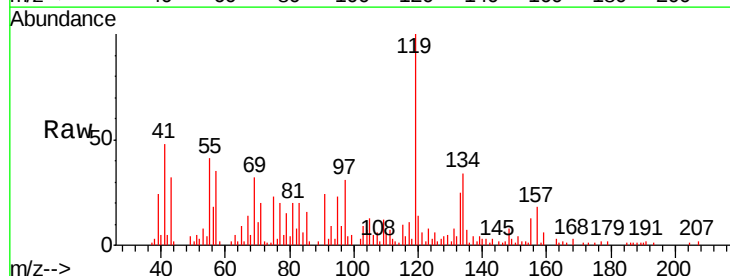
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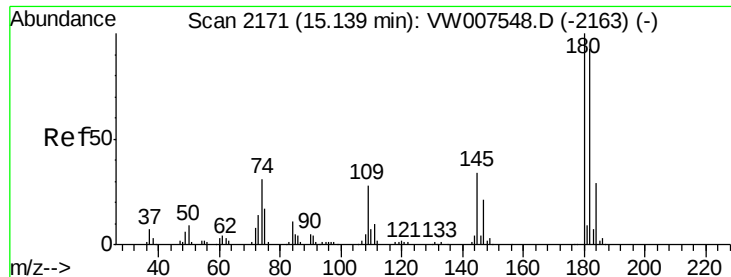
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 200.764 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: VW007606.D
 Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Lower	Upper
75	100		
155	49.7	40.8	122.2
157	72.3	51.1	153.4





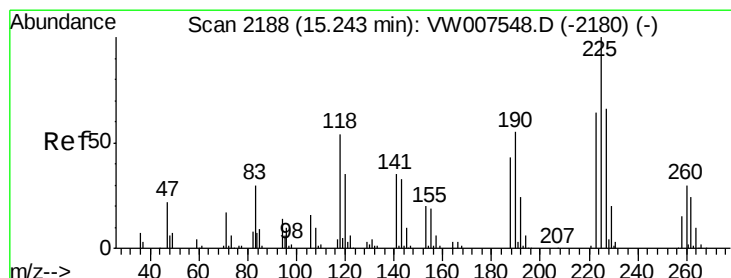
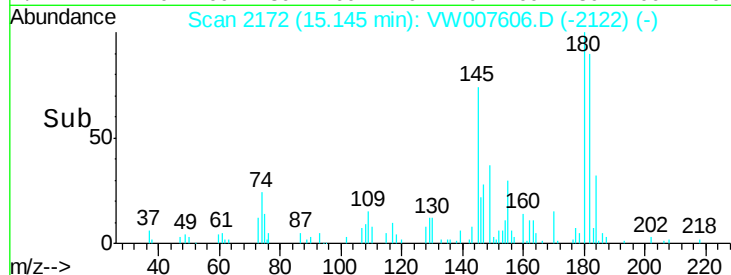
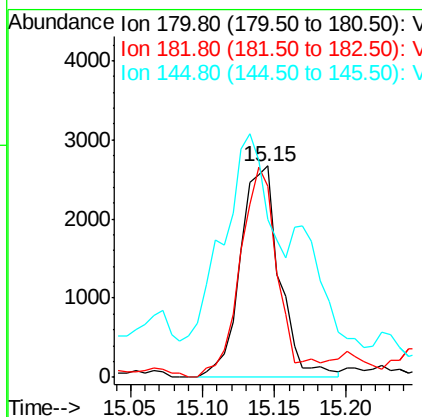
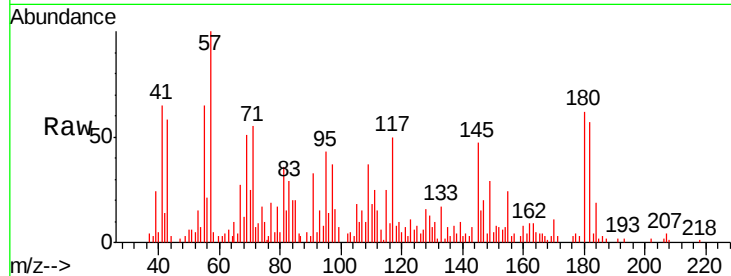
#93
1,2,4-Trichlorobenzene
Concen: 33.301 ug/l
RT: 15.15 min Scan# 2172
Delta R.T. 0.01 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.7	49.9	149.6
145	117.8	17.8	53.4#

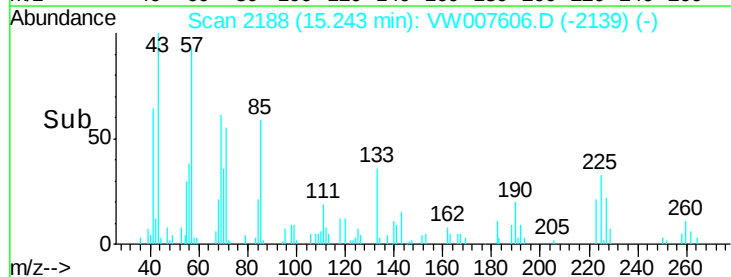
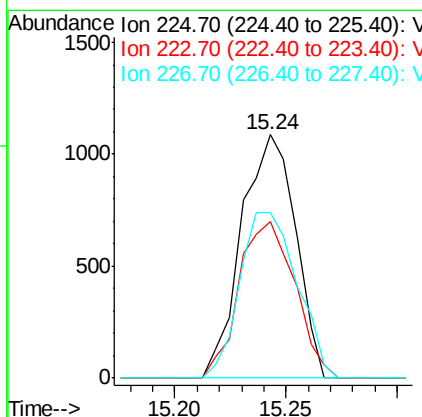
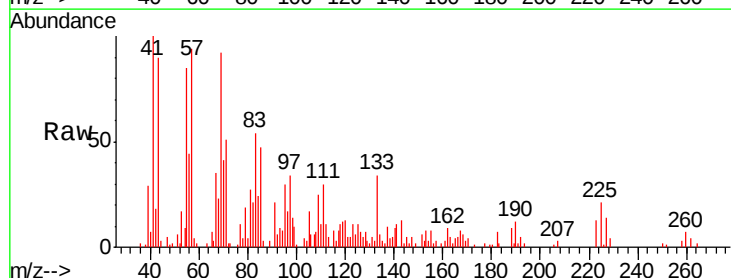
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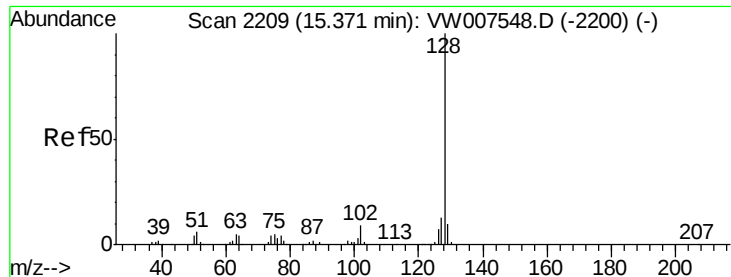
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#94
Hexachlorobutadiene
Concen: 22.757 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Lower	Upper
225	100		
223	66.8	32.1	96.3
227	72.7	31.9	95.9





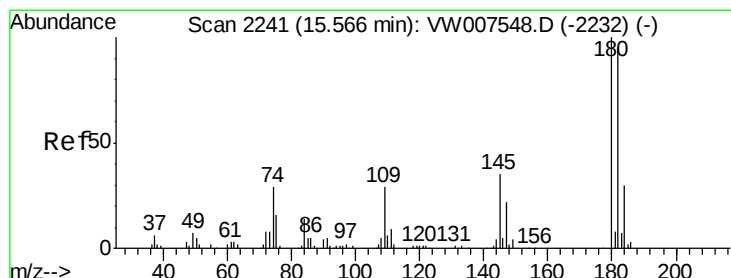
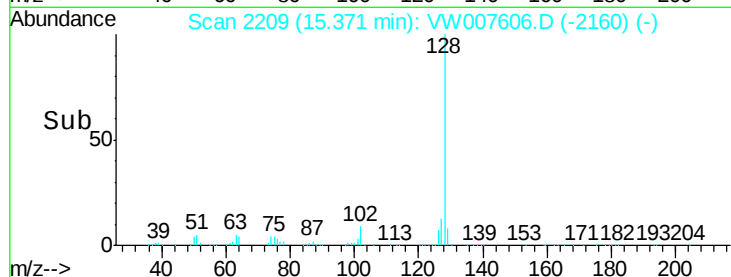
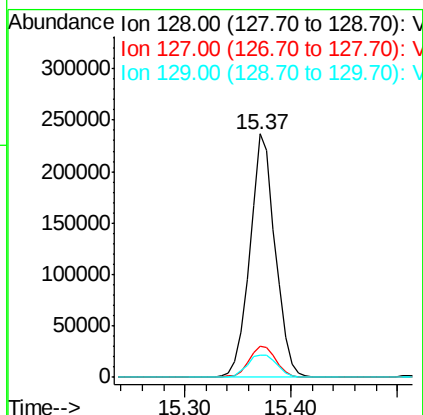
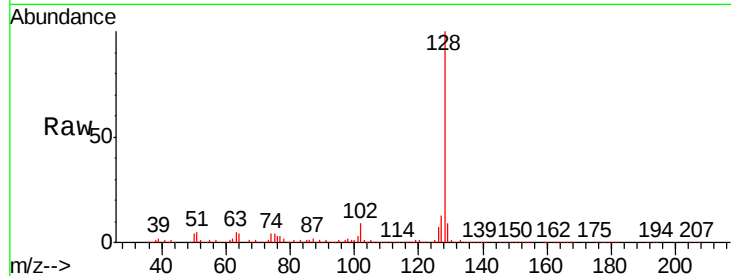
#95
Naphthalene
Concen: 1353.827 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Instrument :
MSVOA_W
ClientSampleId :
P001-SD012-0612-01MS

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	392525		
127	13.8	10.2	15.4	
129	10.8	8.3	12.5	

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 44.282 ug/l
RT: 15.56 min Scan# 2240
Delta R.T. -0.00 min
Lab File: VW007606.D
Acq: 16 Dec 2018 03:23

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	5830		
182	81.1	45.6	136.7	
145	151.5	17.5	52.5#	

