

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\WV122618\
 Data File : VW007908.D
 Acq On : 25 Dec 2018 00:56
 Operator : SY/AP
 Sample : VSTDIC075
 Misc : 5.00G/5ML/MSVOA W/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Manual Integrations
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 12/27/2018 11:17:19 AM

Quant Time: Dec 25 04:04:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W122618S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 25 03:37:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	75639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	128608	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	118328	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	57420	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.30	65	68469	80.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	160.54%	
35) Dibromofluoromethane	7.88	113	59583	75.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	150.62%	
50) Toluene-d8	10.32	98	231213	77.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	154.64%	
62) 4-Bromofluorobenzene	12.62	95	88562	76.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	153.38%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	2.01	85	42959m	64.603	ug/l
3) Chloromethane	2.22	50	37736	86.409	ug/l
4) Vinyl Chloride	2.37	62	45246	82.020	ug/l
5) Bromomethane	2.78	94	29478	77.402	ug/l
6) Chloroethane	2.93	64	24946	84.063	ug/l
7) Trichlorofluoromethane	3.26	101	35086	64.930	ug/l
8) Diethyl Ether	3.68	74	28658	83.423	ug/l
9) 1,1,2-Trichlorotrifluoroet	4.06	101	55446	68.626	ug/l
10) Methyl Iodide	4.27	142	90176	69.927	ug/l
11) Tert butyl alcohol	5.17	59	22351	384.595	ug/l
12) 1,1-Dichloroethene	4.04	96	52685	70.131	ug/l
13) Acrolein	3.89	56	12239	279.136	ug/l
14) Allyl chloride	4.67	41	82183	80.885	ug/l
15) Acrylonitrile	5.37	53	61044	409.455	ug/l
16) Acetone	4.12	43	54043	347.459	ug/l
17) Carbon Disulfide	4.38	76	152850	66.514	ug/l
18) Methyl Acetate	4.67	43	36493	92.533	ug/l
19) Methyl tert-butyl Ether	5.43	73	93722	83.756	ug/l
20) Methylene Chloride	4.91	84	58802	60.689	ug/l
21) trans-1,2-Dichloroethene	5.42	96	58946	71.093	ug/l
22) Diisopropyl ether	6.31	45	160665	83.991	ug/l
23) Vinyl Acetate	6.26	43	458681	407.822	ug/l
24) 1,1-Dichloroethane	6.21	63	104365	75.567	ug/l
25) 2-Butanone	7.17	43	74465	394.447	ug/l
26) 2,2-Dichloropropane	7.16	77	66674	67.224	ug/l
27) cis-1,2-Dichloroethene	7.17	96	65510	73.591	ug/l
28) Bromochloromethane	7.51	49	37494	79.074	ug/l
29) Tetrahydrofuran	7.52	42	48926	428.946	ug/l
30) Chloroform	7.68	83	113375	73.349	ug/l
31) Cyclohexane	7.95	56	87752	69.804	ug/l
32) 1,1,1-Trichloroethane	7.87	97	97899	70.132	ug/l
36) 1,1-Dichloropropene	8.08	75	84559	68.334	ug/l
37) Ethyl Acetate	7.26	43	34357	78.239	ug/l
38) Carbon Tetrachloride	8.07	117	90515	63.178	ug/l

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	103269	67.072	ug/l	99
40) Benzene	8.32	78	236948	71.104	ug/l	99
41) Methacrylonitrile	7.48	41	22551	87.684	ug/l	97
42) 1,2-Dichloroethane	8.40	62	78387	70.438	ug/l	99
43) Isopropyl Acetate	8.43	43	70788	80.331	ug/l	99
44) Trichloroethene	9.09	130	66523	66.754	ug/l	98
45) 1,2-Dichloropropane	9.37	63	56764	76.041	ug/l	96
46) Dibromomethane	9.46	93	32718	72.268	ug/l	98
47) Bromodichloromethane	9.65	83	83542	70.269	ug/l	97
48) Methyl methacrylate	9.44	41	36129	81.877	ug/l	97
49) 1,4-Dioxane	9.44	88	11204	1545.991	ug/l	96
51) 4-Methyl-2-Pentanone	10.21	43	171024	408.125	ug/l	99
52) Toluene	10.39	92	155889	69.939	ug/l	100
53) t-1,3-Dichloropropene	10.61	75	86013	72.261	ug/l	97
54) cis-1,3-Dichloropropene	10.07	75	95652	72.751	ug/l	99
55) 1,1,2-Trichloroethane	10.79	97	46481	73.708	ug/l	97
56) Ethyl methacrylate	10.65	69	59237	79.261	ug/l	99
57) 1,3-Dichloropropane	10.93	76	79600	75.689	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.93	63	134194	390.178	ug/l	99
59) 2-Hexanone	10.97	43	117985	401.973	ug/l	99
60) Dibromochloromethane	11.13	129	56380	68.668	ug/l	99
61) 1,2-Dibromoethane	11.24	107	45972	72.136	ug/l	99
64) Tetrachloroethene	10.87	164	57789	68.856	ug/l	98
65) Chlorobenzene	11.66	112	176547	68.708	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.73	131	62719	68.732	ug/l	99
67) Ethyl Benzene	11.73	91	309772	70.054	ug/l	99
68) m/p-Xylenes	11.84	106	236752	138.590	ug/l	99
69) o-Xylene	12.17	106	112198	69.914	ug/l	100
70) Styrene	12.18	104	189960	71.951	ug/l	99
71) Bromoform	12.35	173	30847	66.289	ug/l #	97
73) Isopropylbenzene	12.47	105	313456	71.684	ug/l	99
74) N-amyl acetate	12.27	43	65591	83.909	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.72	83	50731	76.353	ug/l	99
76) 1,2,3-Trichloropropane	12.77	75	40632m	89.028	ug/l	
77) Bromobenzene	12.75	156	70287	70.284	ug/l	100
78) n-propylbenzene	12.81	91	366158	71.891	ug/l	100
79) 2-Chlorotoluene	12.90	91	216540	72.613	ug/l	100
80) 1,3,5-Trimethylbenzene	12.95	105	270793	71.787	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.52	75	15904	74.910	ug/l	98
82) 4-Chlorotoluene	12.99	91	228916	72.429	ug/l	99
83) tert-Butylbenzene	13.21	119	237682	71.824	ug/l	98
84) 1,2,4-Trimethylbenzene	13.26	105	276921	72.712	ug/l	98
85) sec-Butylbenzene	13.39	105	324308	71.192	ug/l	100
86) p-Isopropyltoluene	13.51	119	292714	70.802	ug/l	100
87) 1,3-Dichlorobenzene	13.51	146	139097	69.941	ug/l	100
88) 1,4-Dichlorobenzene	13.58	146	138887	70.051	ug/l	99
89) n-Butylbenzene	13.83	91	266498	70.257	ug/l	99
90) Hexachloroethane	14.10	117	47610	66.475	ug/l	98
91) 1,2-Dichlorobenzene	13.87	146	126474	71.080	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.49	75	9922	73.407	ug/l	99

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VSTDICC075

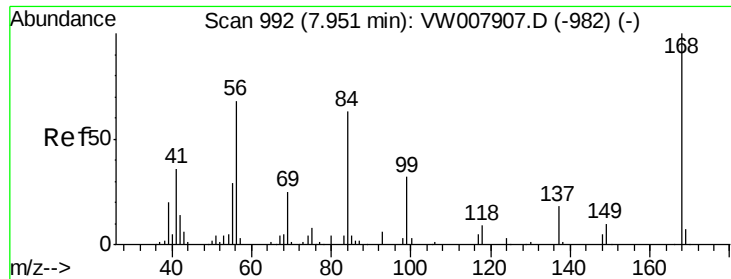
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	84866	69.049	ug/l	99
94) Hexachlorobutadiene	15.24	225	44087	67.252	ug/l	98
95) Naphthalene	15.38	128	180557	78.386	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	75864	71.766	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 991

Delta R.T. -0.01 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion:168 Resp: 75639

Ion Ratio Lower Upper

168 100

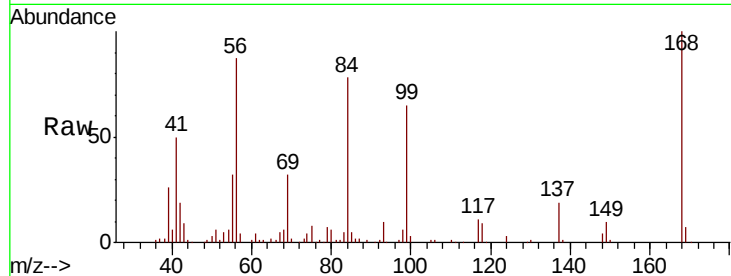
99 65.2 47.3 70.9

Manual Integrations

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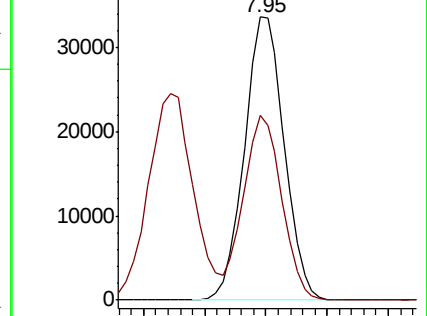
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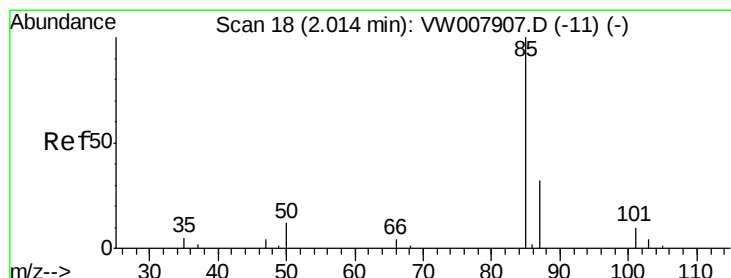
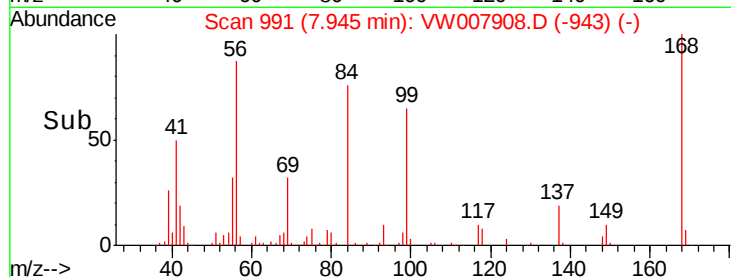


Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



Time-->



#2

Dichlorodifluoromethane

Concen: 64.603 ug/l m

RT: 2.01 min Scan# 18

Delta R.T. -0.00 min

Lab File: VW007908.D

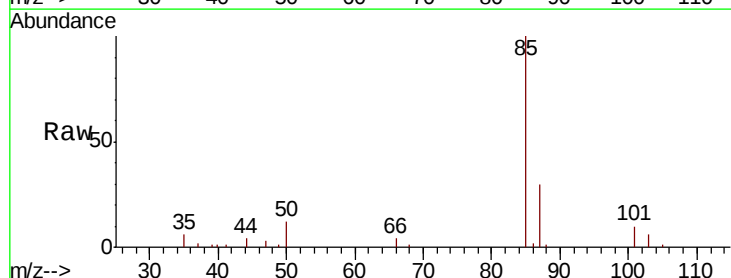
Acq: 25 Dec 2018 00:56

Tgt Ion: 85 Resp: 42959

Ion Ratio Lower Upper

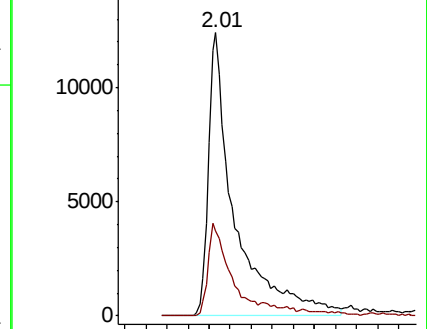
85 100

87 30.2 16.0 47.9

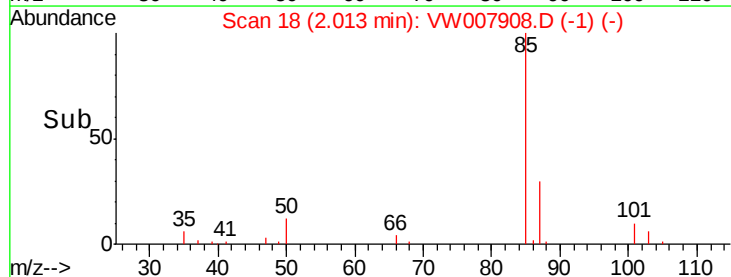


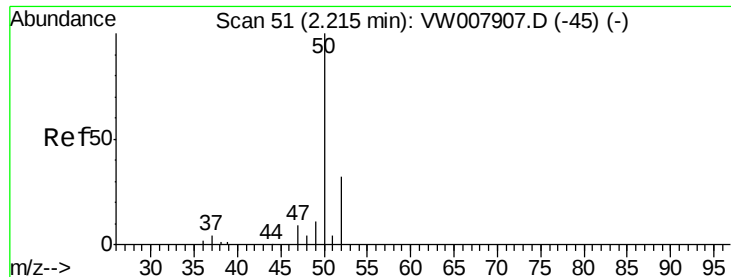
Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW



Time-->





#3

Chloromethane

Concen: 86.409 ug/l

RT: 2.22 min Scan# 52

Delta R.T. 0.01 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 50 Resp: 37736

Ion Ratio Lower Upper

50 100

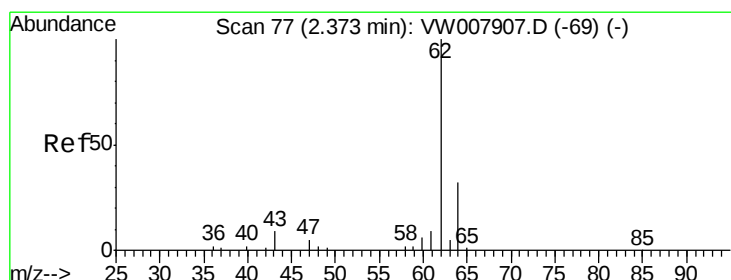
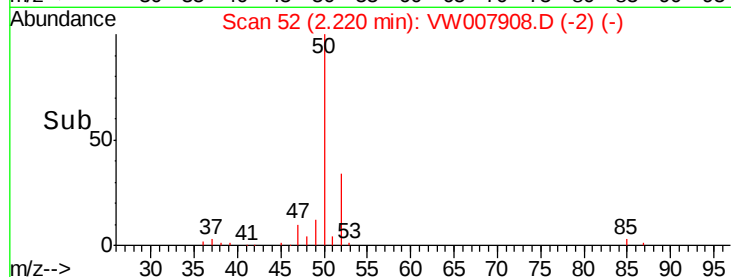
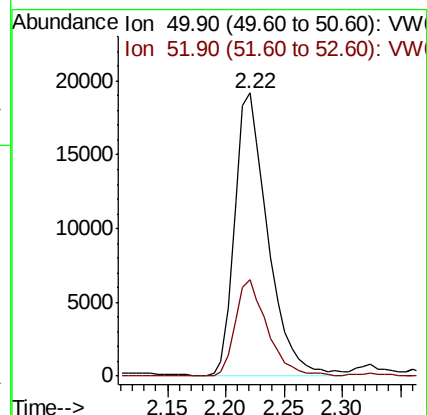
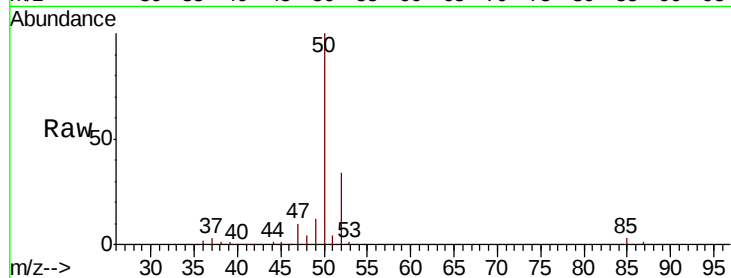
52 34.0 25.6 38.4

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#4

Vinyl Chloride

Concen: 82.020 ug/l

RT: 2.37 min Scan# 77

Delta R.T. -0.00 min

Lab File: VW007908.D

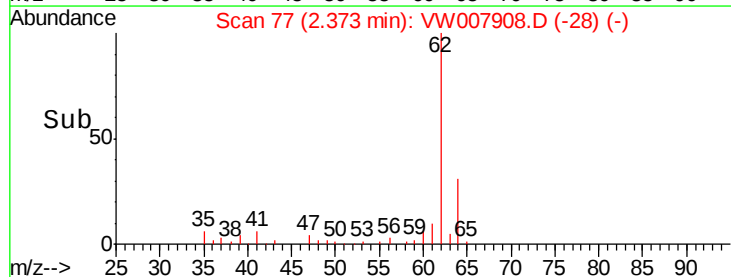
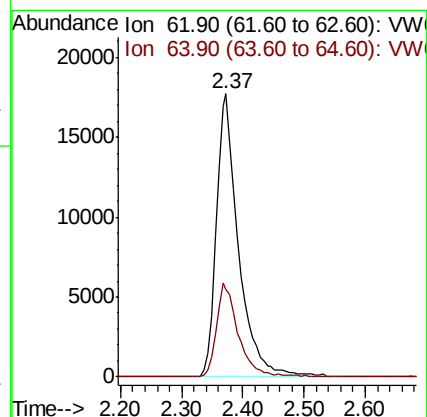
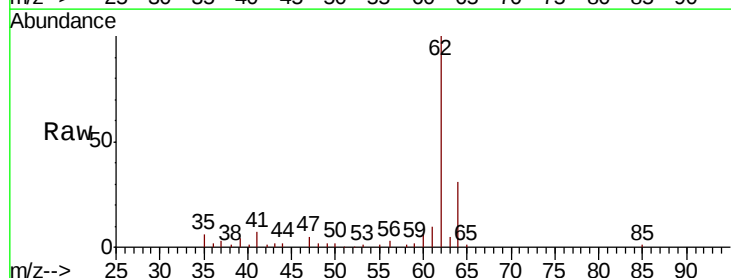
Acq: 25 Dec 2018 00:56

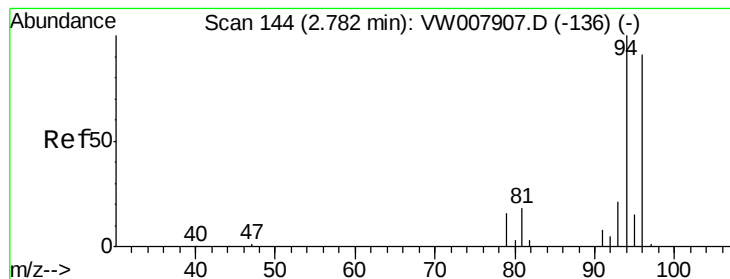
Tgt Ion: 62 Resp: 45246

Ion Ratio Lower Upper

62 100

64 31.1 25.3 37.9





#5

Bromomethane

Concen: 77.402 ug/l

RT: 2.78 min Scan# 144

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 94 Resp: 29478

Ion Ratio Lower Upper

94 100

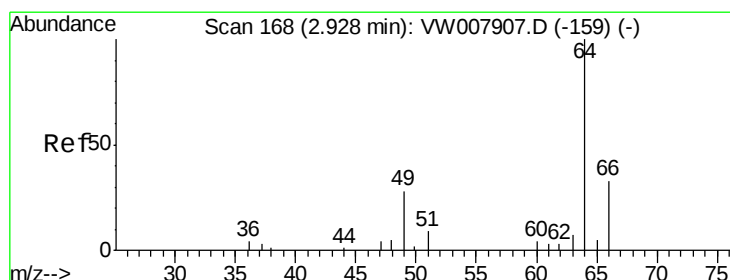
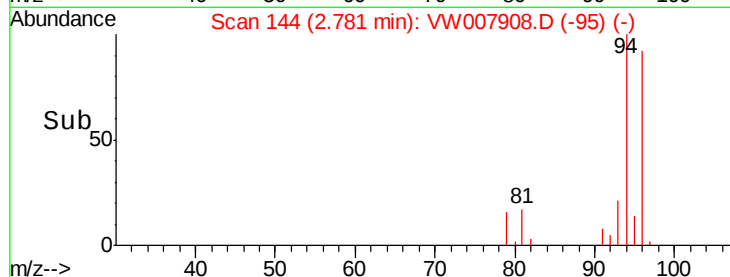
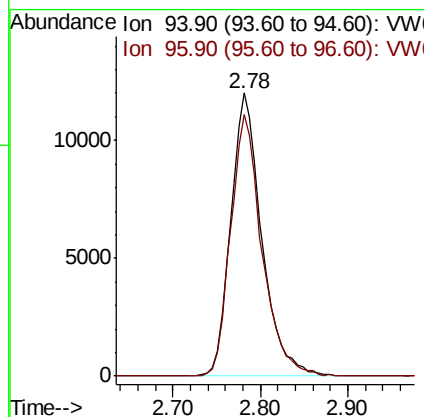
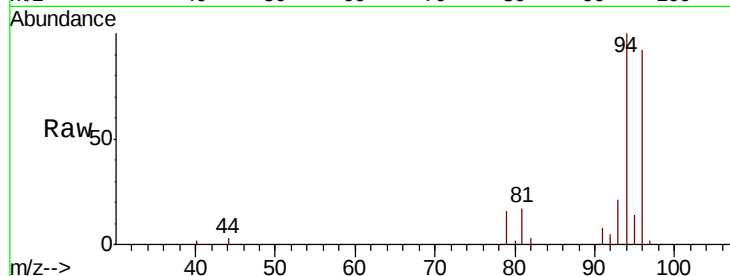
96 92.2 72.7 109.1

Manual Integrations

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#6

Chloroethane

Concen: 84.063 ug/l

RT: 2.93 min Scan# 169

Delta R.T. 0.01 min

Lab File: VW007908.D

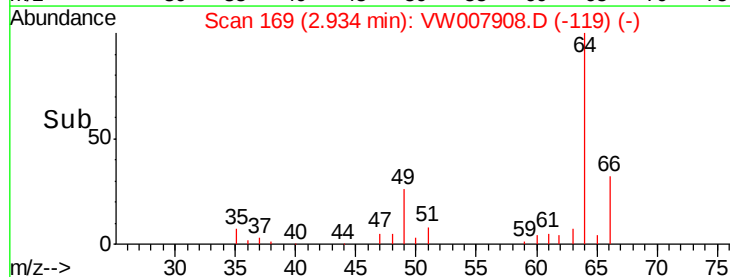
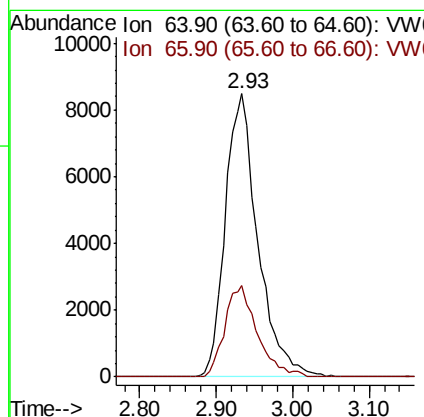
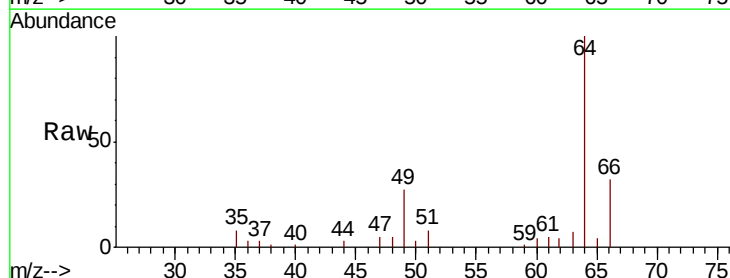
Acq: 25 Dec 2018 00:56

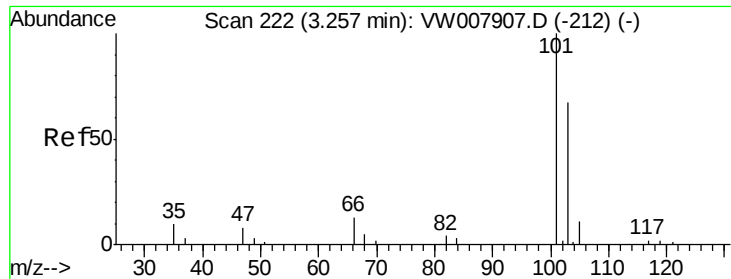
Tgt Ion: 64 Resp: 24946

Ion Ratio Lower Upper

64 100

66 32.4 26.2 39.2





#7

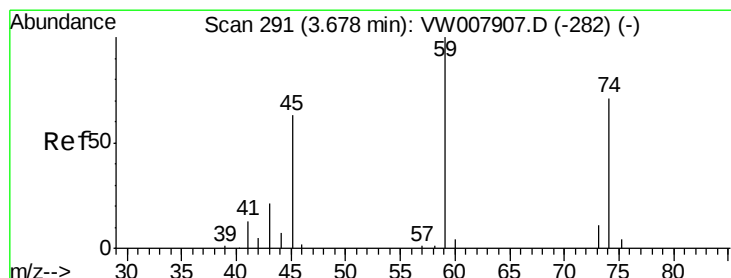
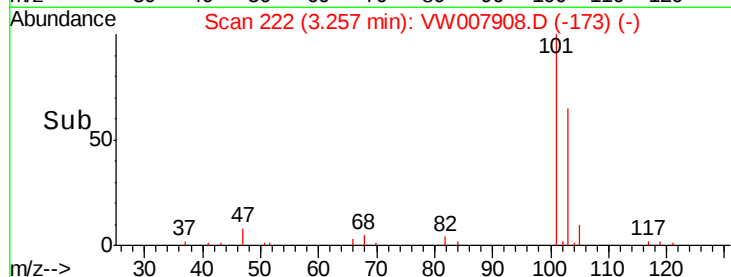
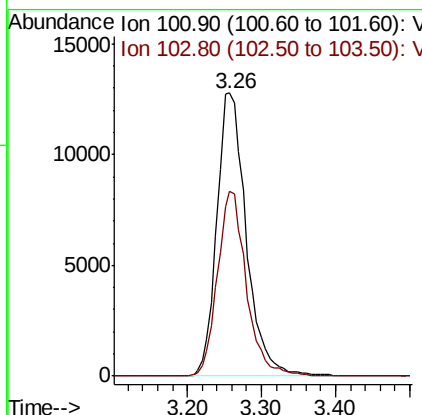
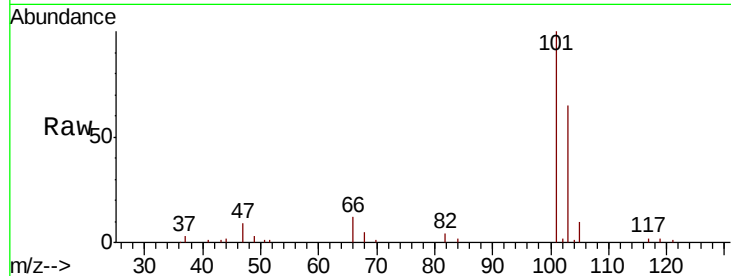
Trichlorofluoromethane
 Concen: 64.930 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampled :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.8	80.8

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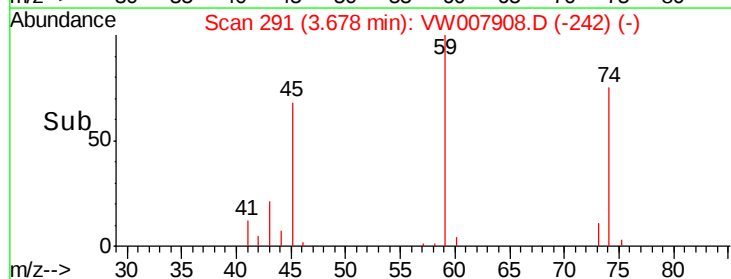
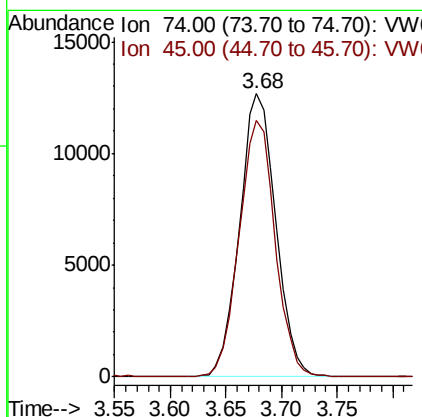
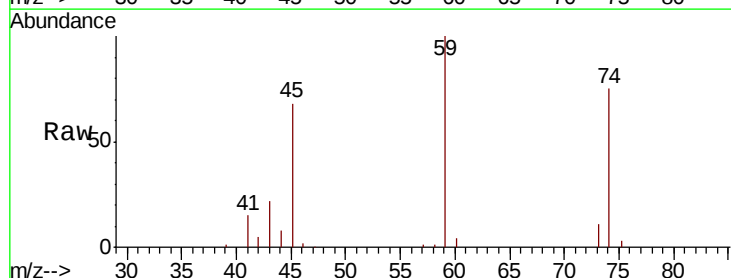
apatel
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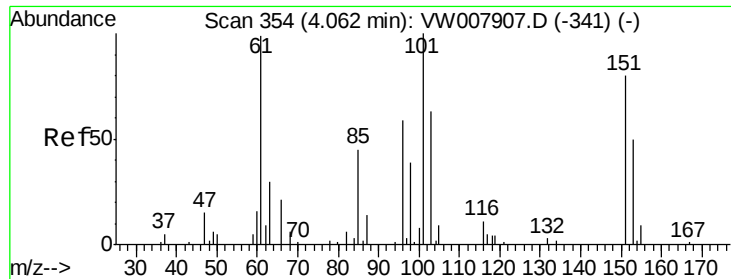


#8

Diethyl Ether
 Concen: 83.423 ug/l
 RT: 3.68 min Scan# 291
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.0	44.3	132.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 68.626 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

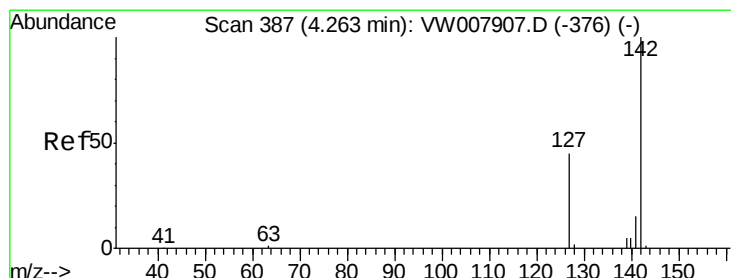
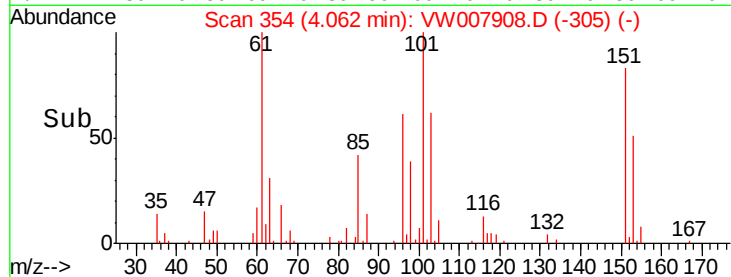
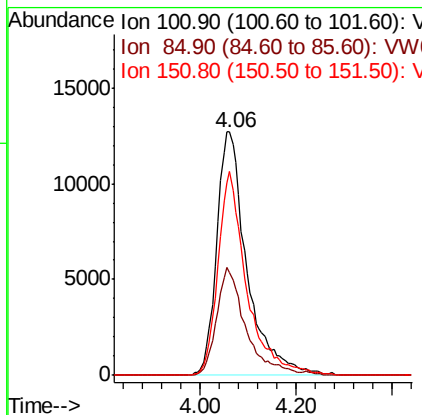
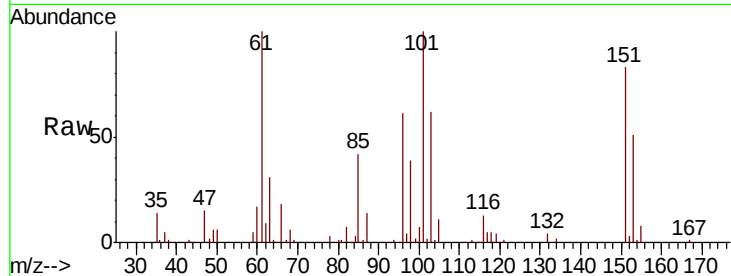
ClientSampleId :

VSTDIC075

Tot Ion:	101	Resp:	55446
Ion Ratio	Lower	Upper	
101	100		
85	42.5	35.8	53.6
151	79.4	63.2	94.8

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#10

Methyl Iodide

Concen: 69.927 ug/l

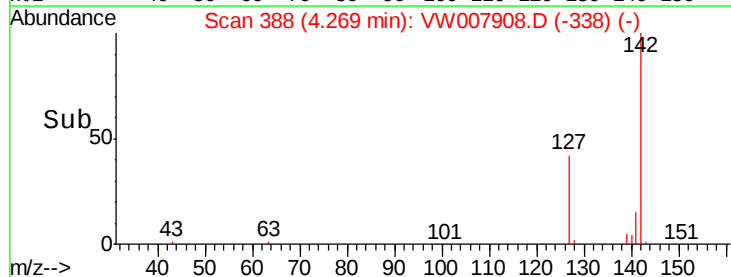
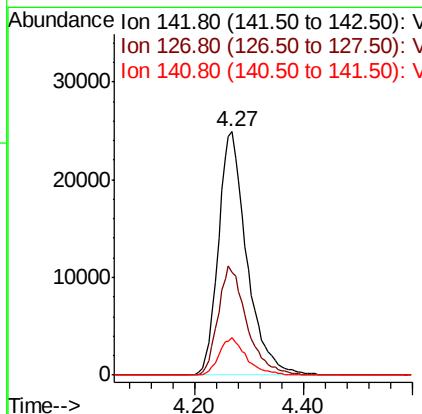
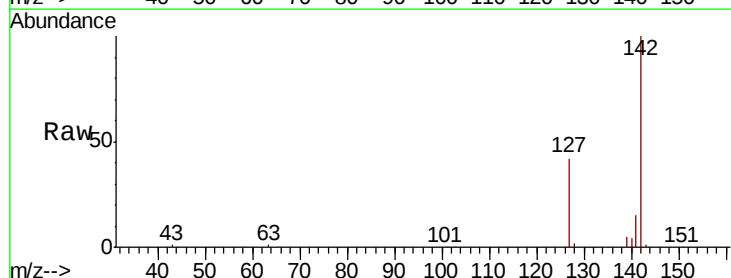
RT: 4.27 min Scan# 388

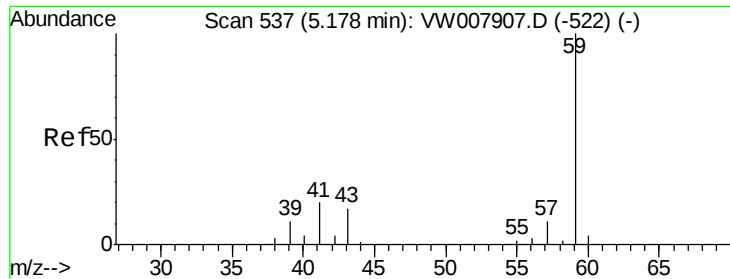
Delta R.T. 0.01 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Tgt Ion:	142	Resp:	90176
Ion Ratio	Lower	Upper	
142	100		
127	45.0	36.2	54.4
141	14.7	11.6	17.4





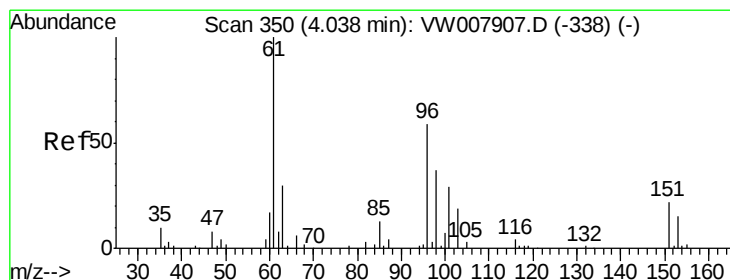
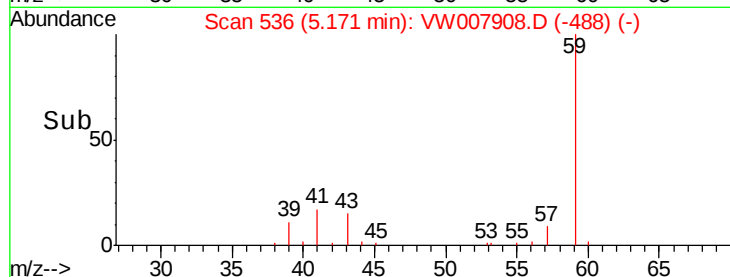
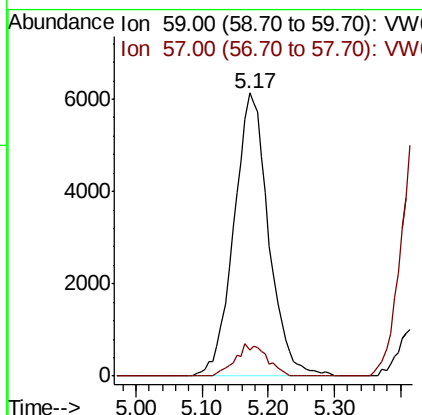
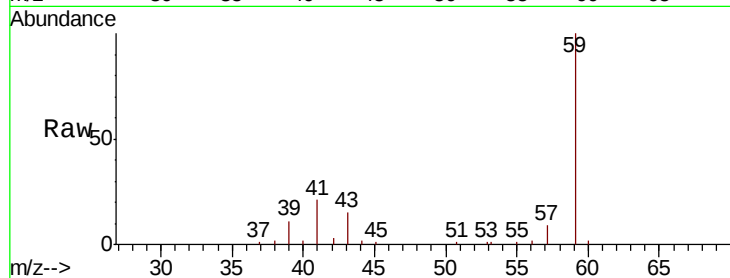
#11
Tert butyl alcohol
Concen: 384.595 ug/l
RT: 5.17 min Scan# 536
Delta R.T. -0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	59.00 (58.70 to 59.70): VW	Resp	22351
Ion	Ratio	Lower	Upper
59	100		
57	10.2	7.8	11.6

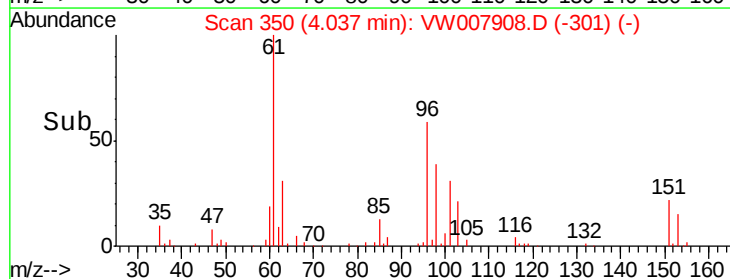
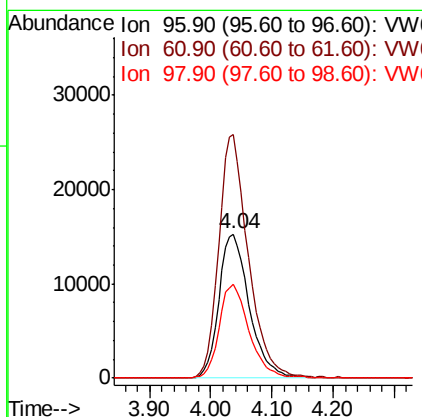
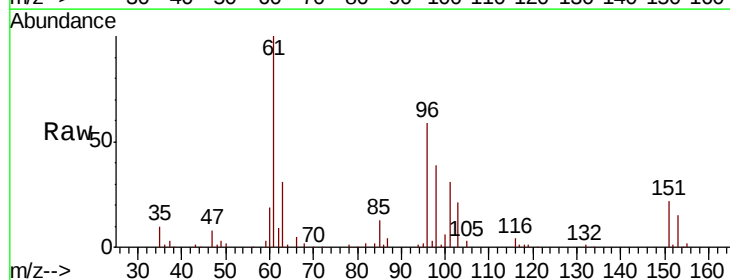
Manual Integrations
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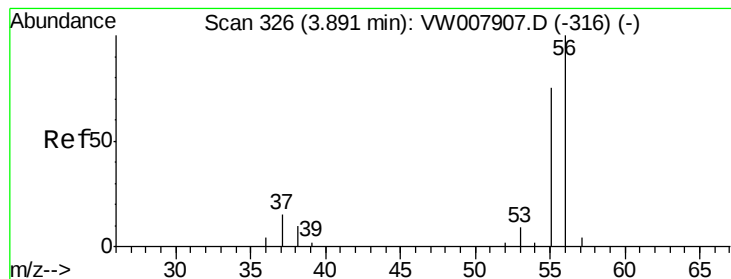
apatel
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#12
1,1-Dichloroethene
Concen: 70.131 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	96	Resp	52685
Ion	Ratio	Lower	Upper
96	100		
61	168.7	134.5	201.7
98	65.0	50.2	75.2





#13

Acrolein

Concen: 279.136 ug/l

RT: 3.89 min Scan# 326

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 56 Resp: 12239

Ion Ratio Lower Upper

56 100

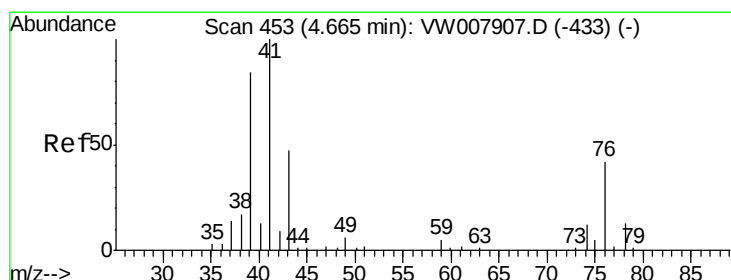
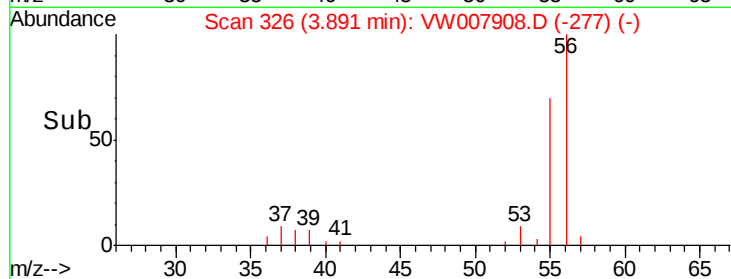
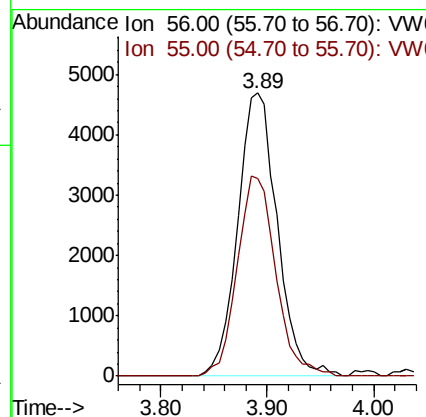
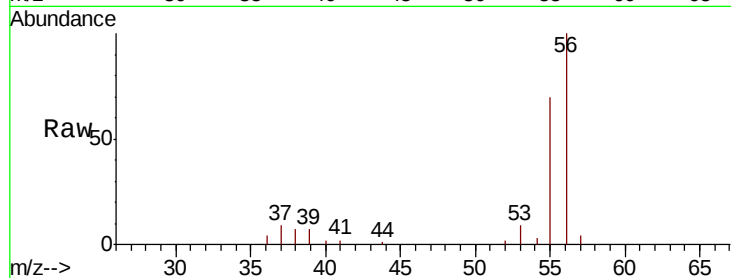
55 68.8 57.0 85.6

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#14

Allyl chloride

Concen: 80.885 ug/l

RT: 4.67 min Scan# 453

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

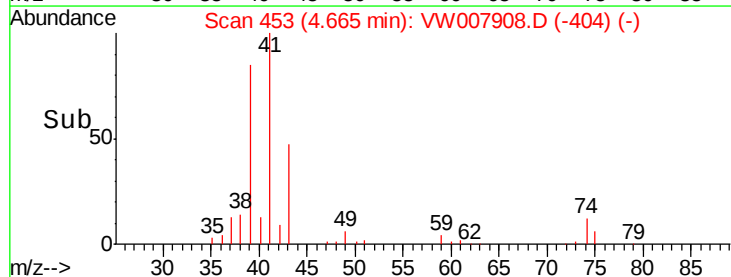
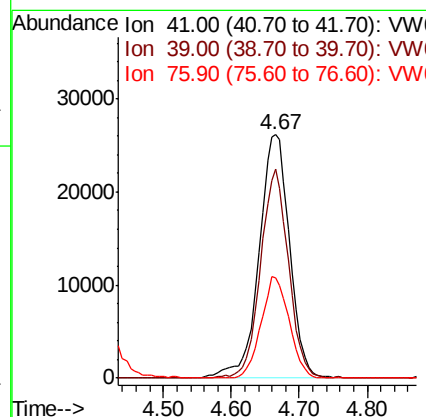
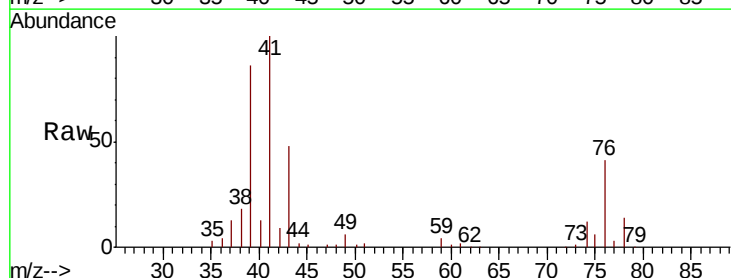
Tgt Ion: 41 Resp: 82183

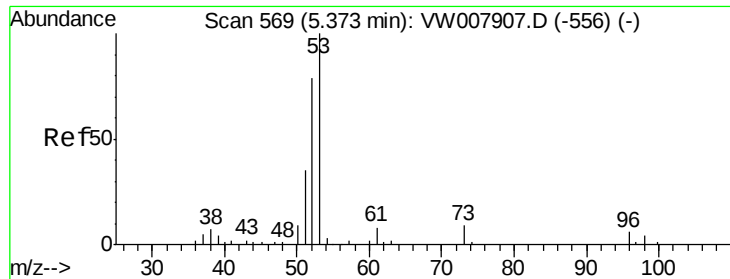
Ion Ratio Lower Upper

41 100

39 78.7 62.6 93.8

76 38.3 31.1 46.7





#15

Acrylonitrile

Concen: 409.455 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

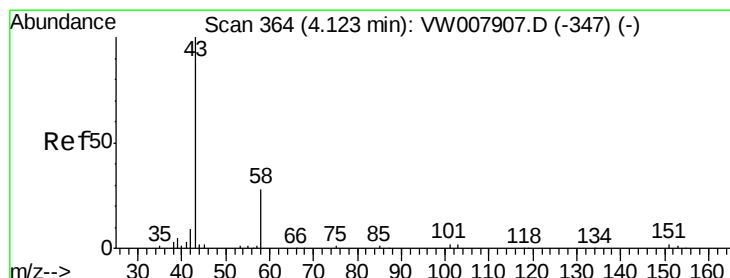
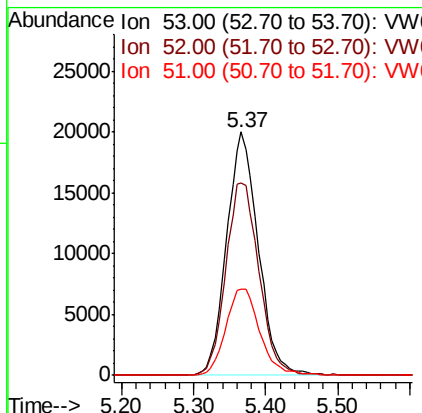
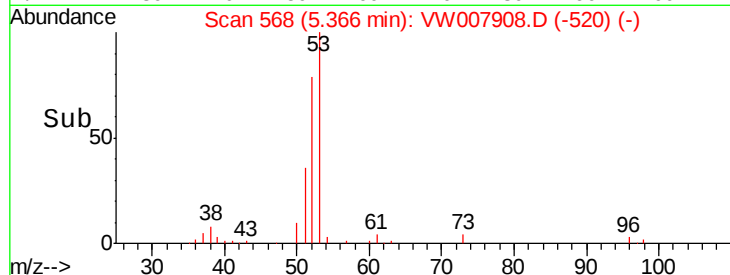
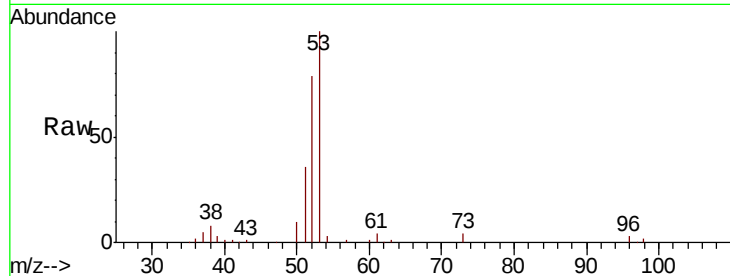
ClientSampleId :

VSTDIC075

Tot Ion:	53	Resp:	61044
Ion	Ratio	Lower	Upper
53	100		
52	82.9	65.2	97.8
51	38.3	30.6	45.8

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#16

Acetone

Concen: 347.459 ug/l

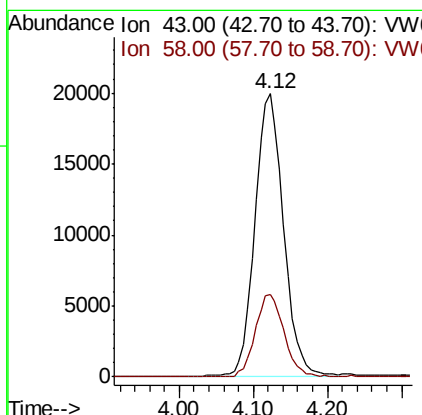
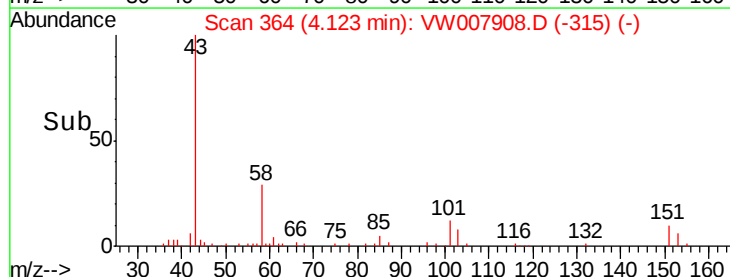
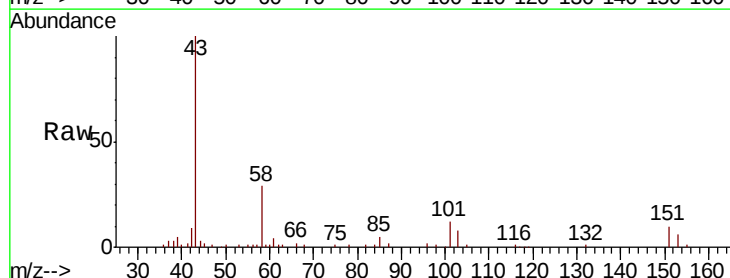
RT: 4.12 min Scan# 364

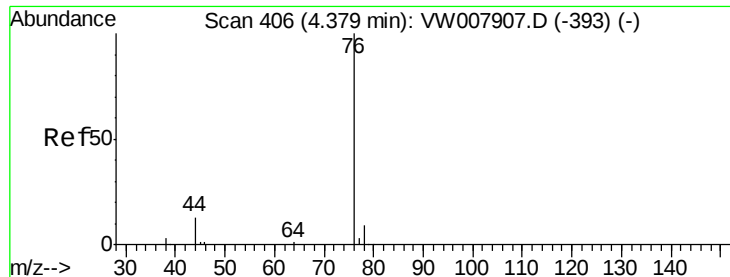
Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Tgt Ion:	43	Resp:	54043
Ion	Ratio	Lower	Upper
43	100		
58	29.0	22.8	34.2





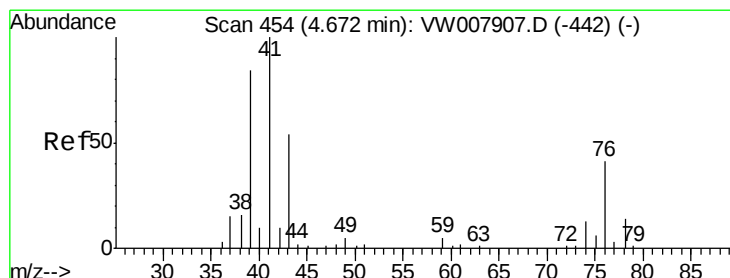
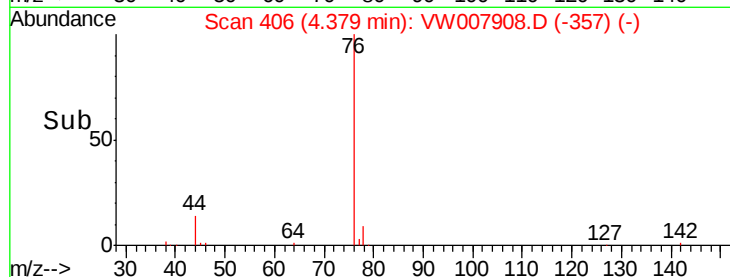
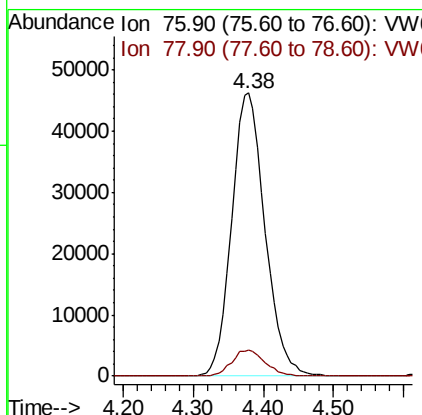
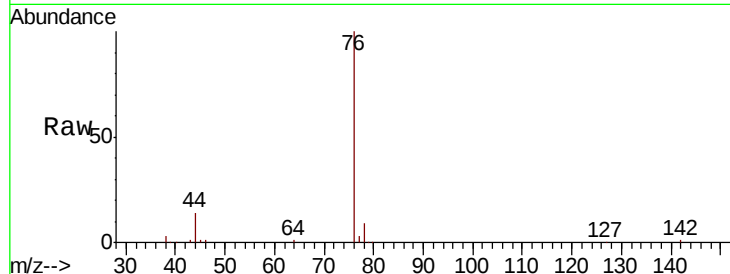
#17
Carbon Disulfide
Concen: 66.514 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.1	7.5	11.3

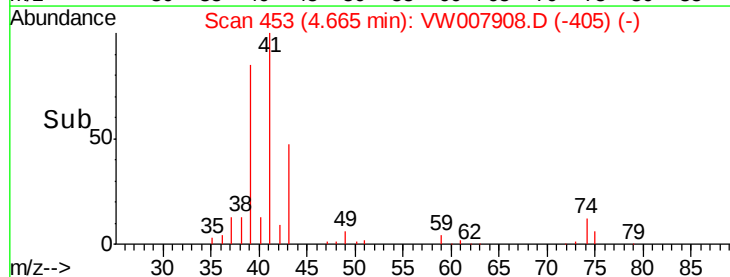
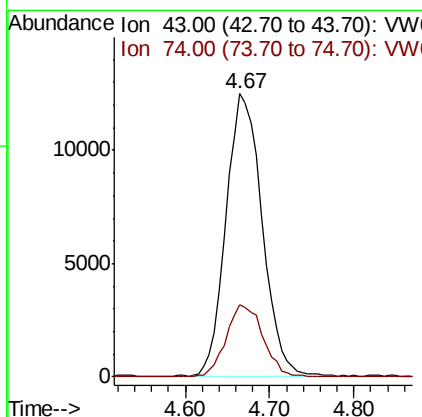
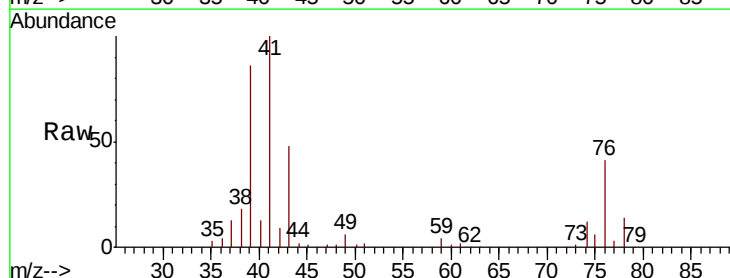
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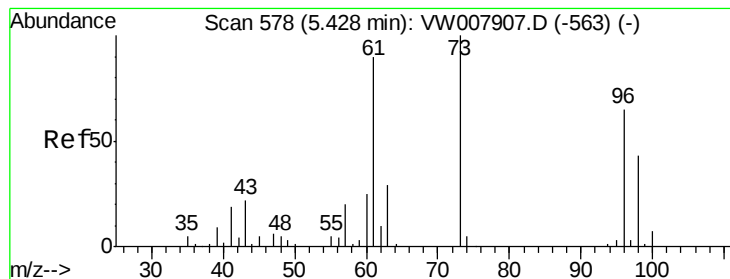
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#18
Methyl Acetate
Concen: 92.533 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.7	20.4	30.6





#19

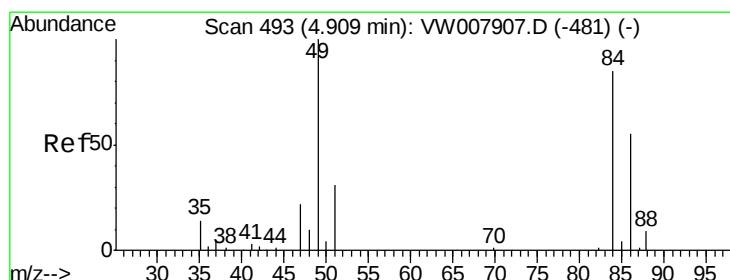
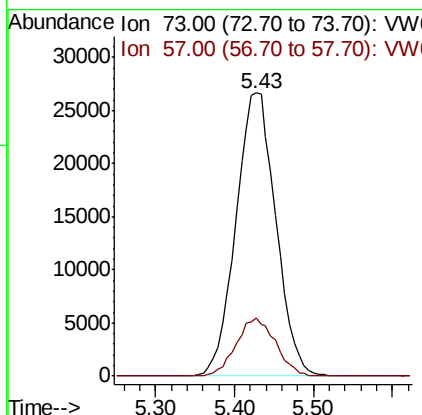
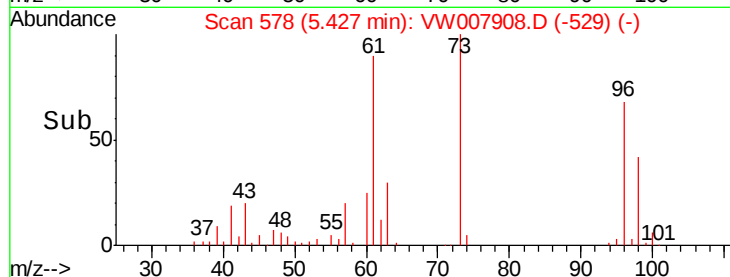
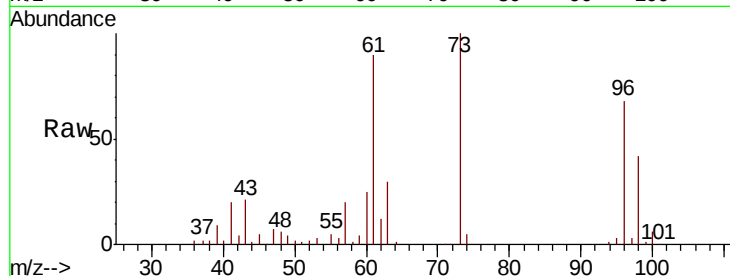
Methyl tert-butyl Ether
 Concen: 83.756 ug/l
 RT: 5.43 min Scan# 578
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
73	100		
57	20.5	15.8	23.8

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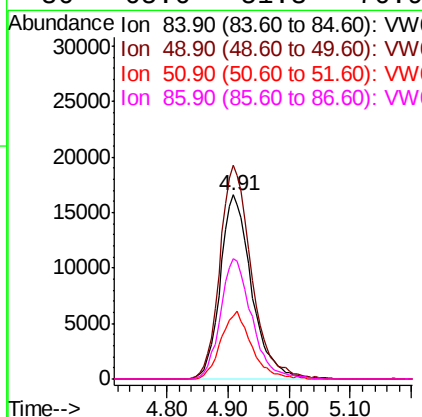
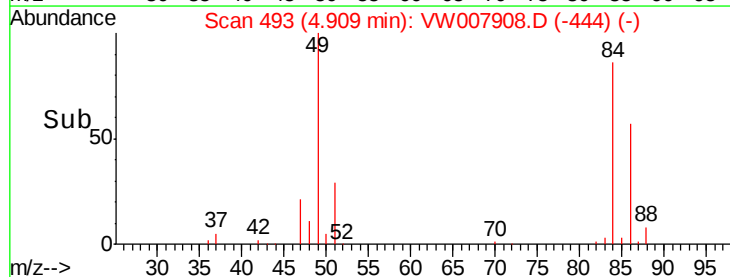
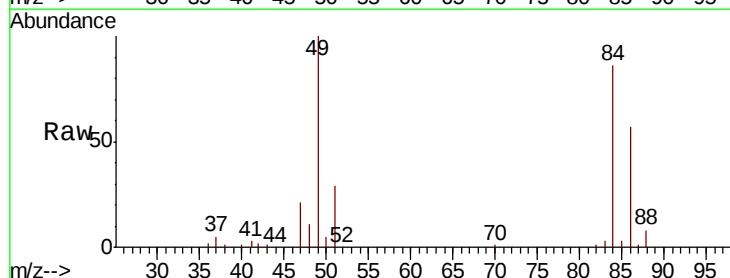
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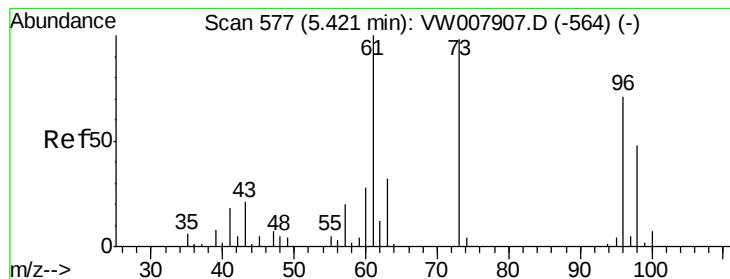


#20

Methylene Chloride
 Concen: 60.689 ug/l
 RT: 4.91 min Scan# 493
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
84	100		
49	116.1	94.0	141.0
51	34.1	28.7	43.1
86	65.6	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 71.093 ug/l

RT: 5.42 min Scan# 577

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 96 Resp: 58946

Ion Ratio Lower Upper

96 100

61 135.1 112.0 168.0

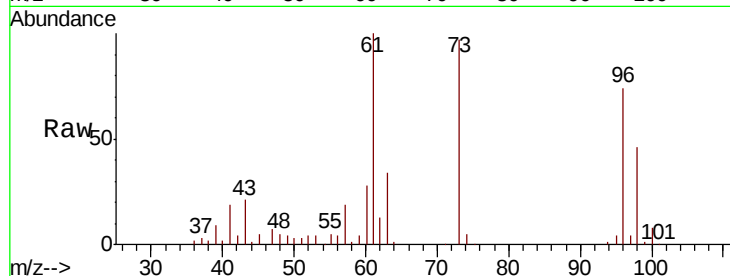
98 61.9 53.2 79.8

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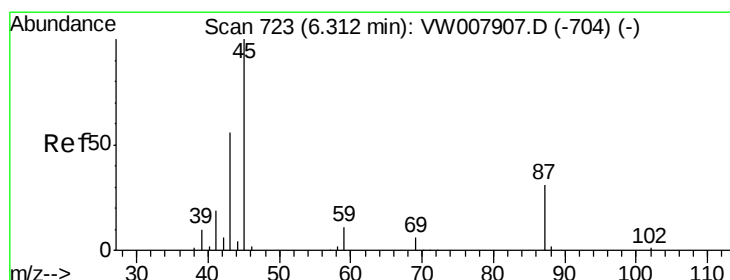
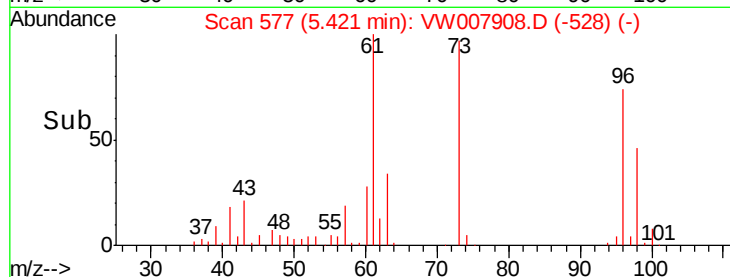
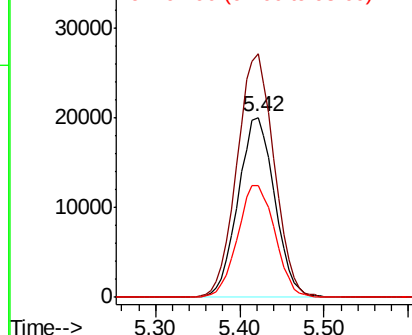
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Abundance Ion 95.90 (95.60 to 96.60): VW
Ion 60.90 (60.60 to 61.60): VW
Ion 97.90 (97.60 to 98.60): VW



#22

Diisopropyl ether

Concen: 83.991 ug/l

RT: 6.31 min Scan# 723

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Tgt Ion: 45 Resp: 160665

Ion Ratio Lower Upper

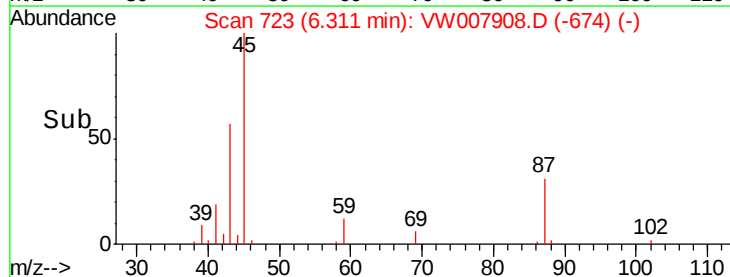
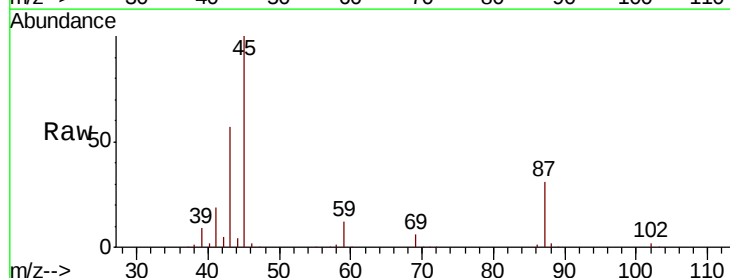
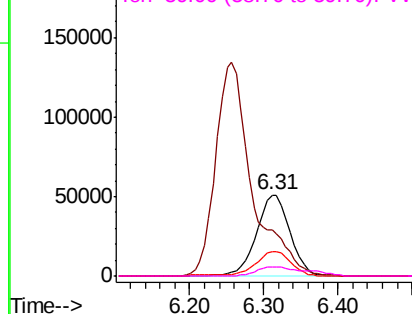
45 100

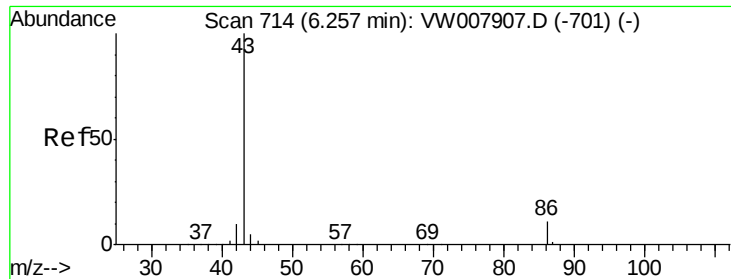
43 56.1 45.0 67.4

87 30.6 25.5 38.3

59 11.4 9.0 13.4

Abundance Ion 45.00 (44.70 to 45.70): VW
Ion 43.00 (42.70 to 43.70): VW
Ion 87.00 (86.70 to 87.70): VW
Ion 59.00 (58.70 to 59.70): VW





#23

Vinyl Acetate

Concen: 407.822 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 458681

Ion Ratio Lower Upper

43 100

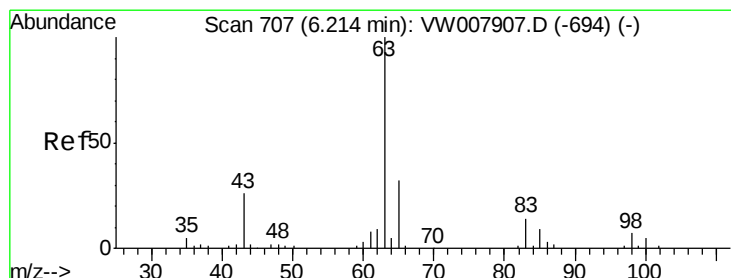
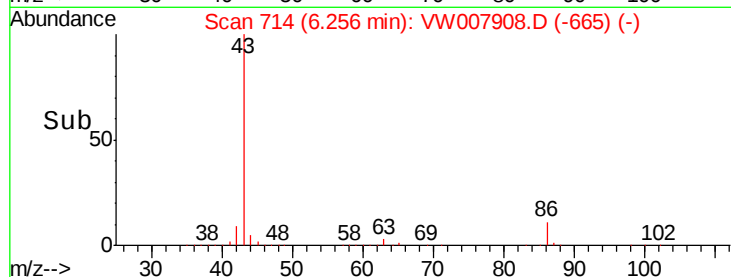
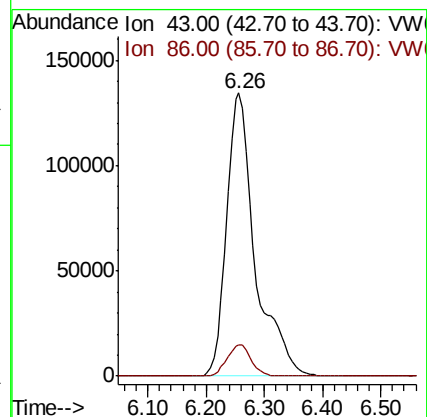
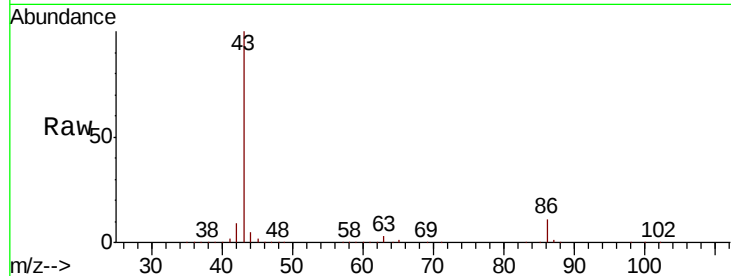
86 11.0 9.1 13.7

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#24

1,1-Dichloroethane

Concen: 75.567 ug/l

RT: 6.21 min Scan# 707

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

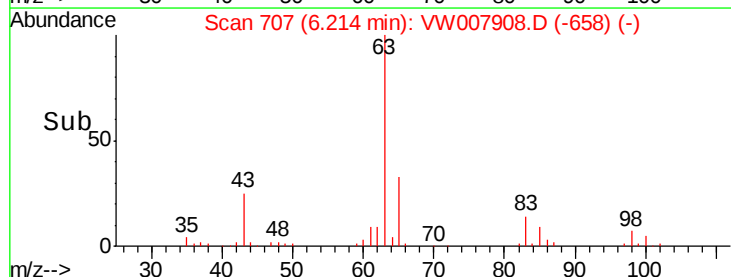
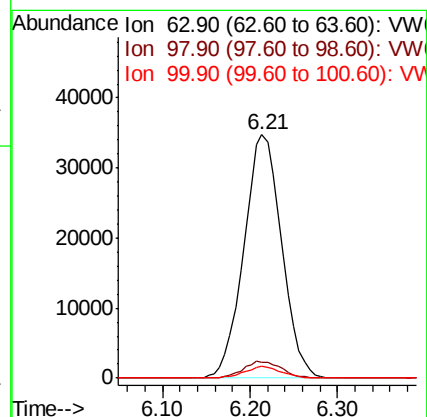
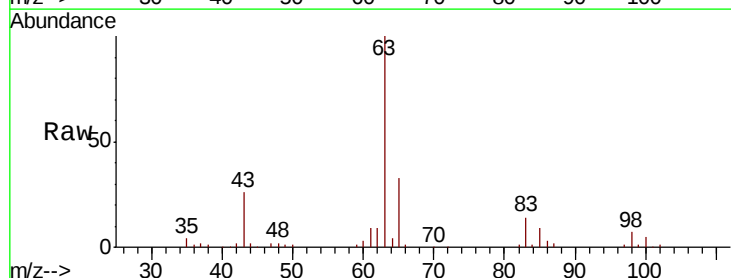
Tgt Ion: 63 Resp: 104365

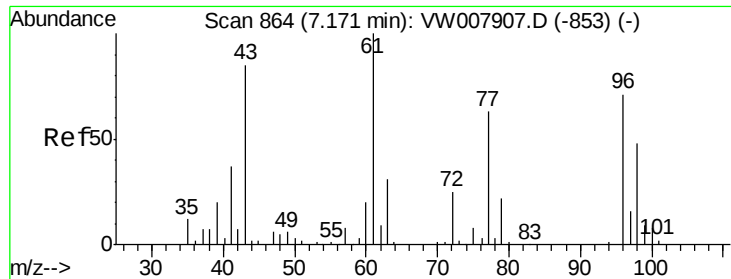
Ion Ratio Lower Upper

63 100

98 6.6 3.5 10.5

100 4.8 2.5 7.5





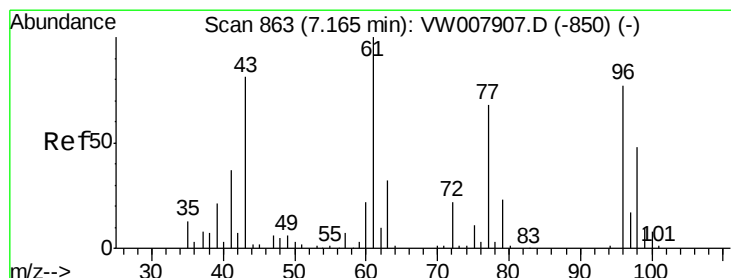
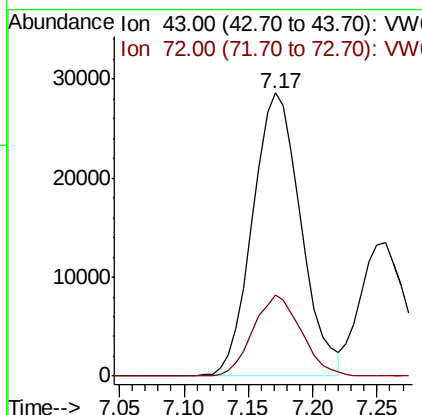
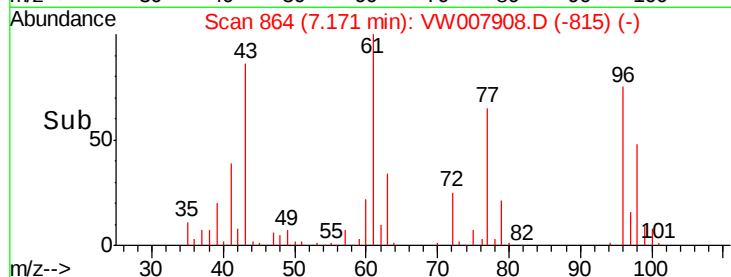
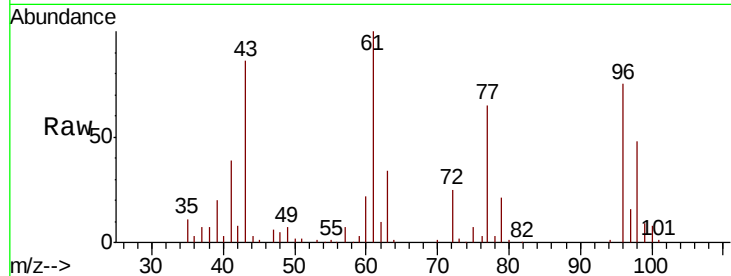
#25
2-Butanone
Concen: 394.447 ug/l
RT: 7.17 min Scan# 864
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 74465
Ion Ratio Lower Upper
43 100
72 28.7 23.2 34.8

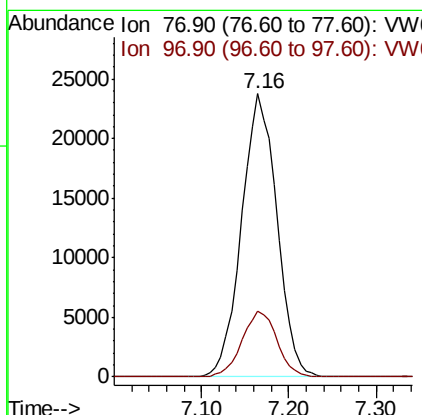
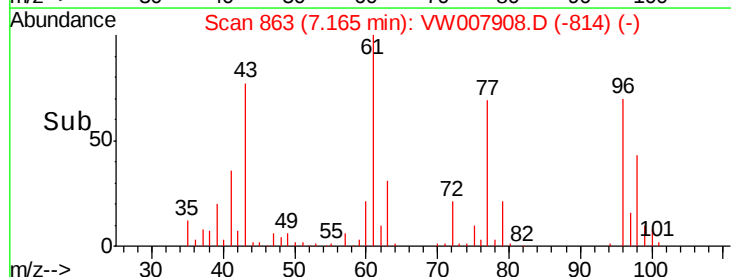
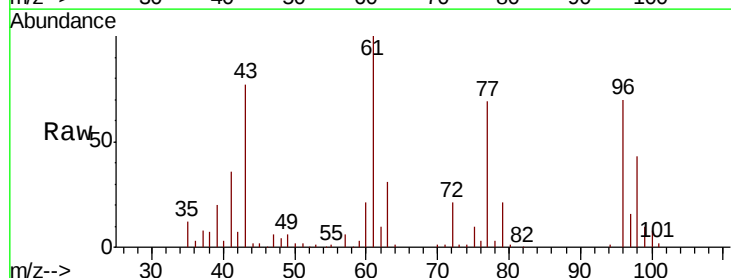
Manual Integrations
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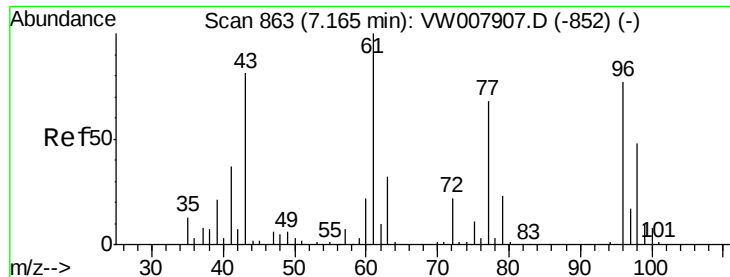
apatel
12/27/2018 11:17:19 AM



#26
2,2-Dichloropropane
Concen: 67.224 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 77 Resp: 66674
Ion Ratio Lower Upper
77 100
97 23.0 11.5 34.4





#27

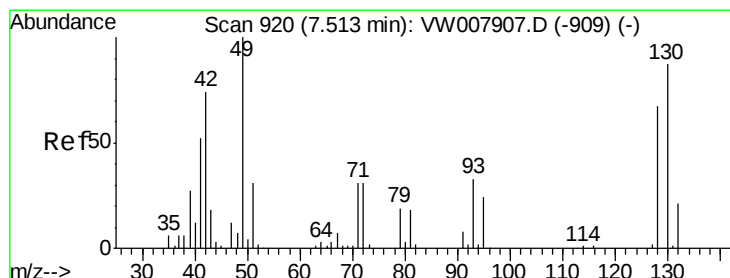
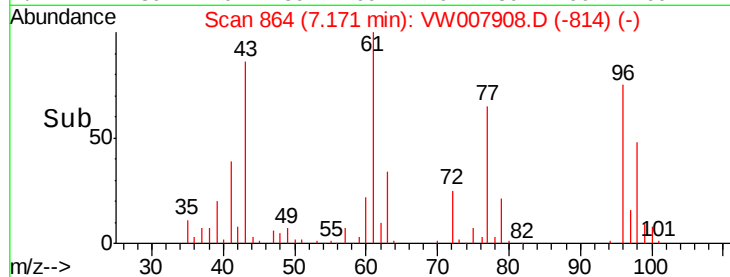
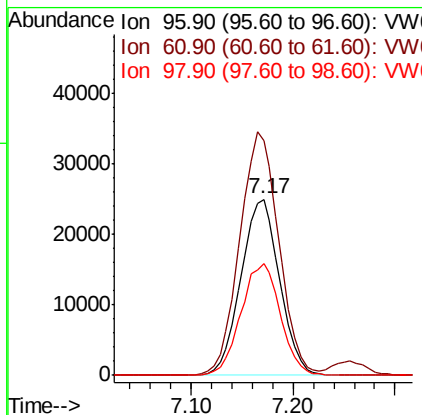
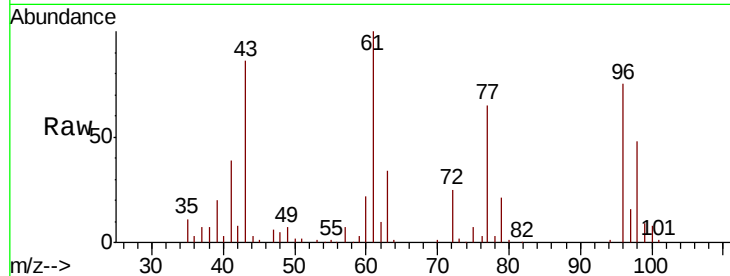
cis-1,2-Dichloroethene
Concen: 73.591 ug/l
RT: 7.17 min Scan# 864
Delta R.T. 0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
96	100		
61	140.3	0.0	279.4
98	64.7	0.0	126.8

Manual Integrations
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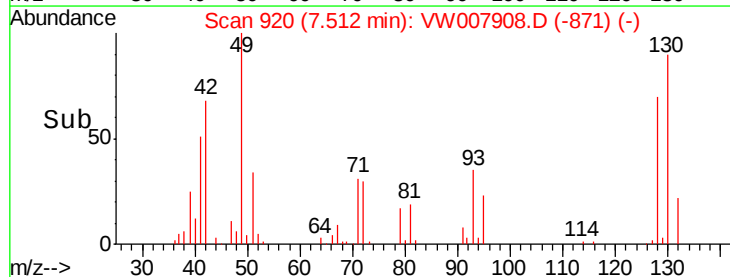
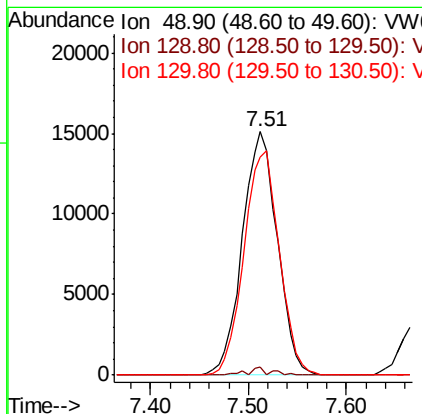
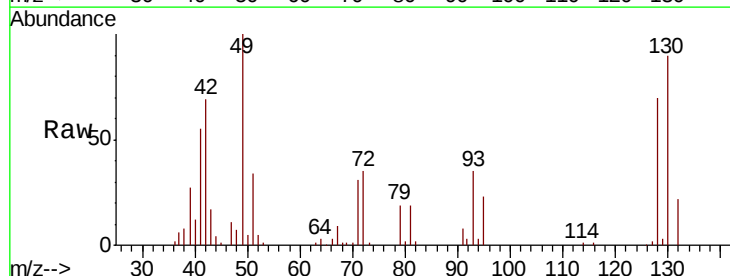
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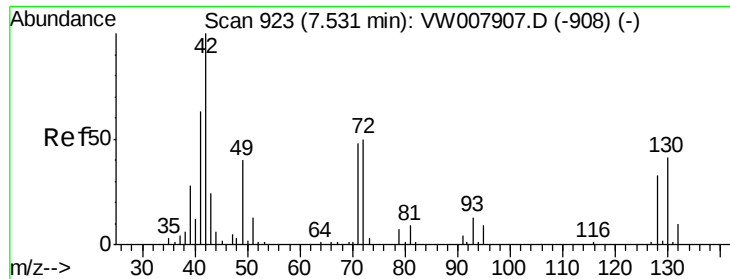


#28

Bromochloromethane
Concen: 79.074 ug/l
RT: 7.51 min Scan# 920
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.0	0.0	1.4#
130	92.8	70.7	106.1





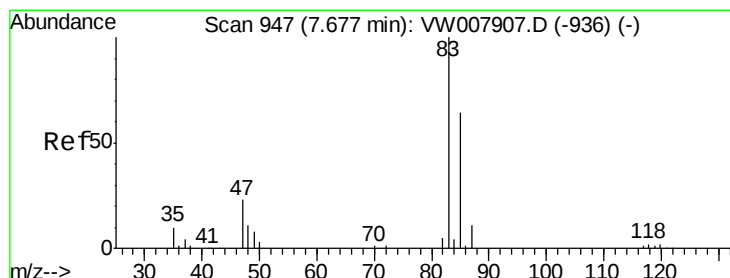
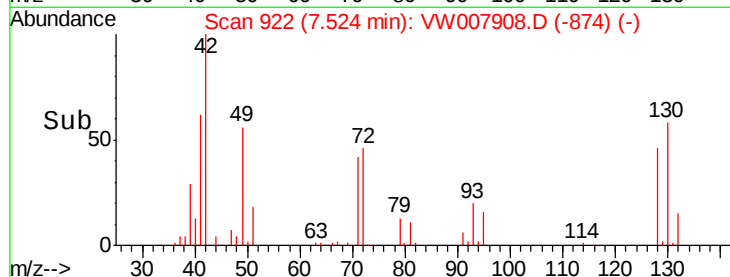
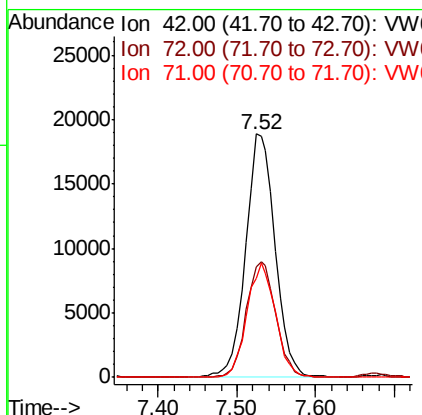
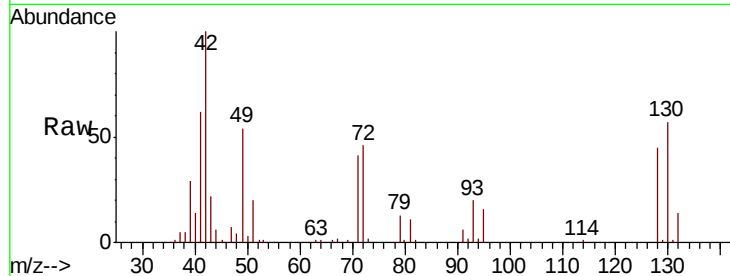
#29
Tetrahydrofuran
Concen: 428.946 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.2	37.8	56.8
71	45.0	35.8	53.6

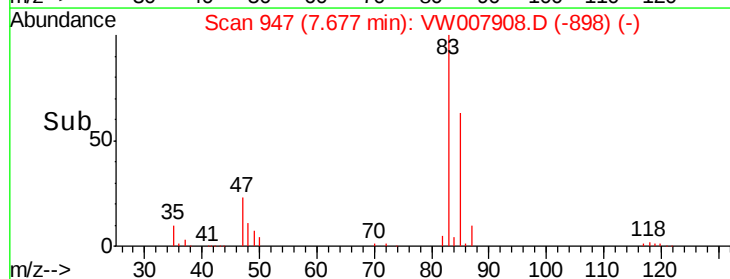
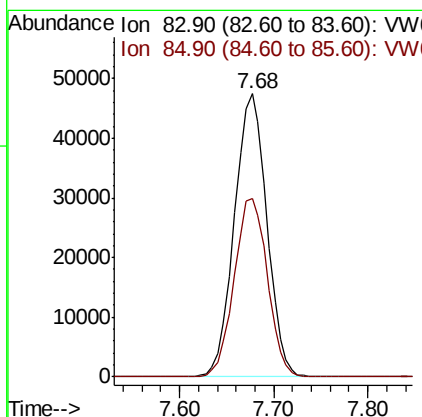
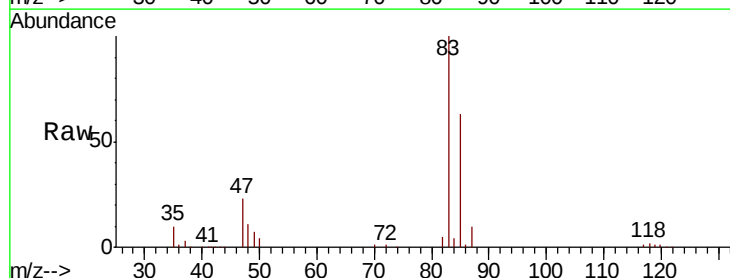
Manual Integrations
APPROVED

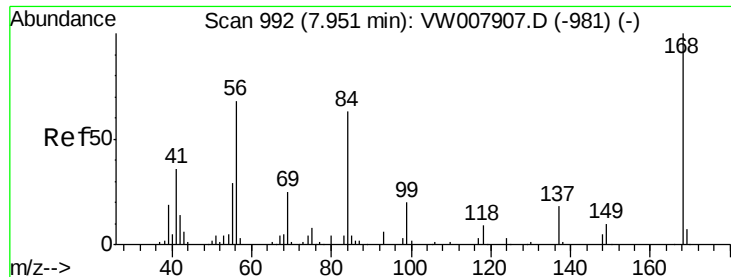
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#30
Chloroform
Concen: 73.349 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.1	51.3	76.9





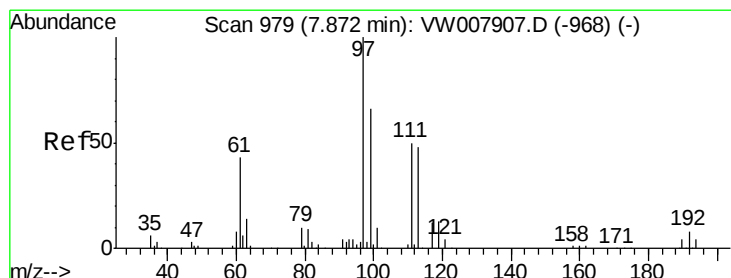
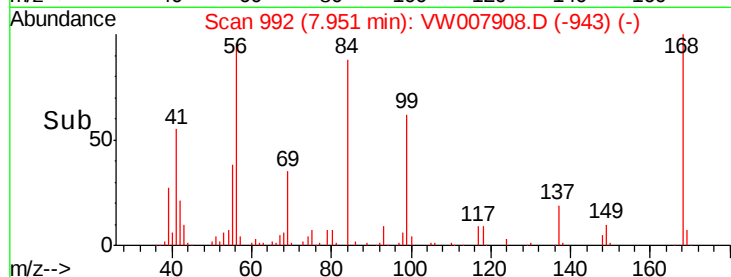
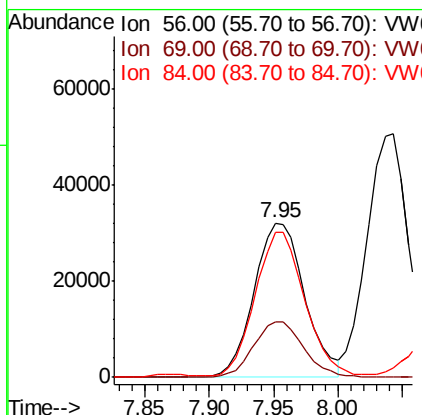
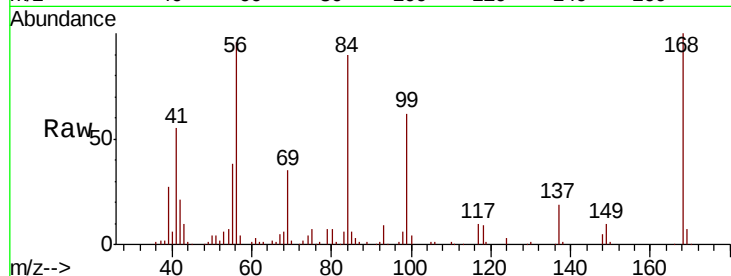
#31
Cyclohexane
Concen: 69.804 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.9	29.9	44.9
84	92.4	74.5	111.7

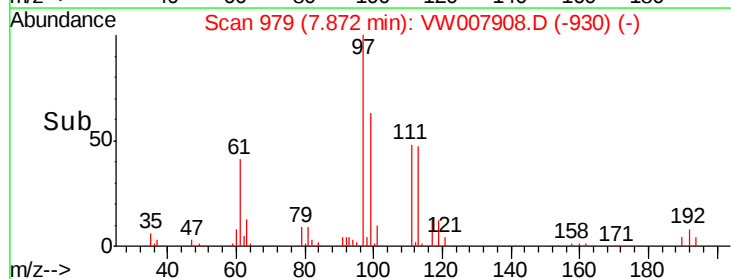
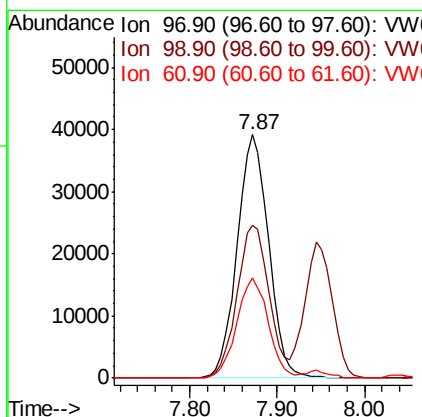
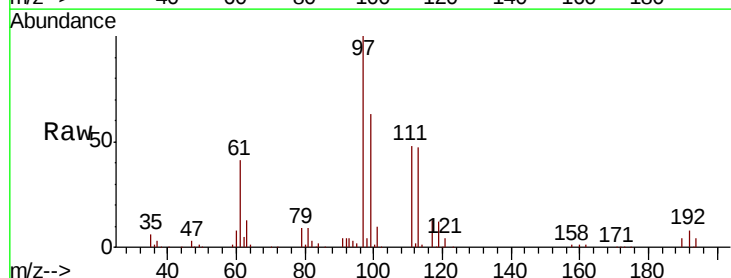
Manual Integrations
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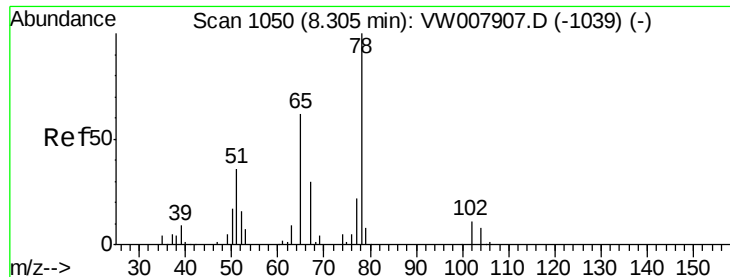
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#32
1,1,1-Trichloroethane
Concen: 70.132 ug/l
RT: 7.87 min Scan# 979
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.4	52.7	79.1
61	41.2	33.3	49.9





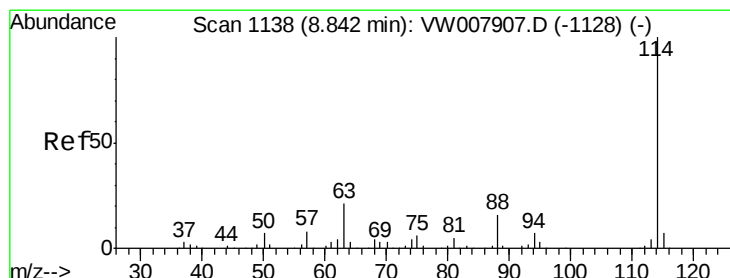
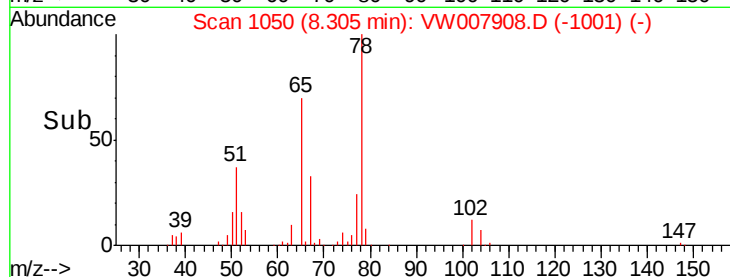
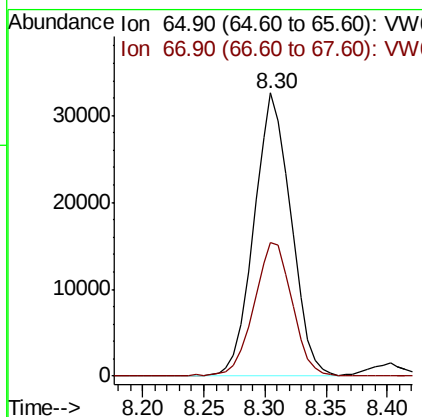
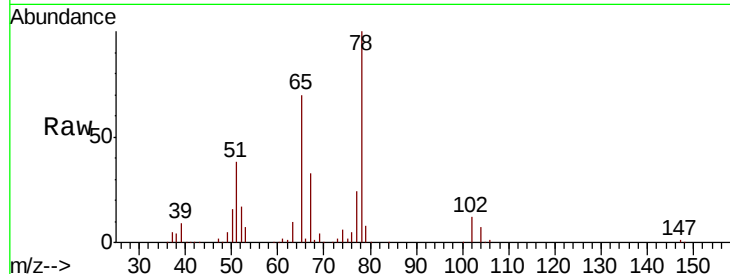
#33
 1,2-Dichloroethane-d4
 Concen: 80.267 ug/l
 RT: 8.30 min Scan# 1050
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Resp	Lower	Upper
65	100	68469		
67	48.8	0.0	98.6	

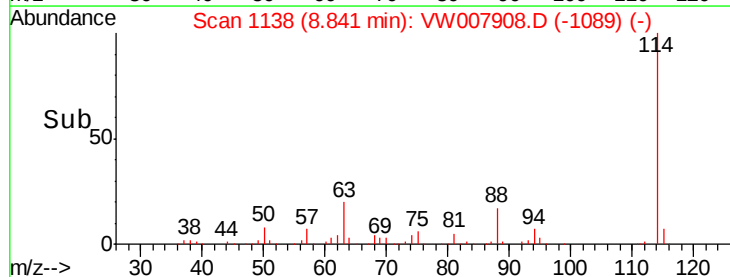
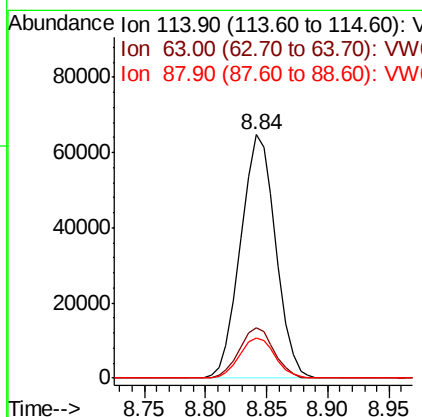
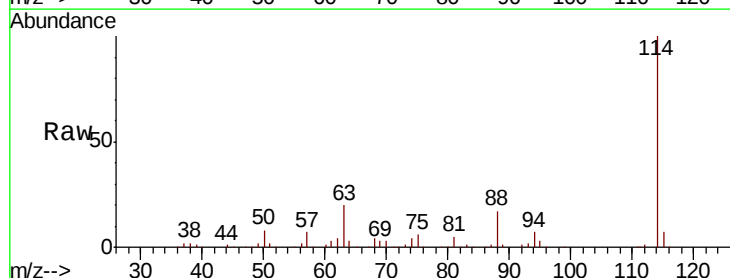
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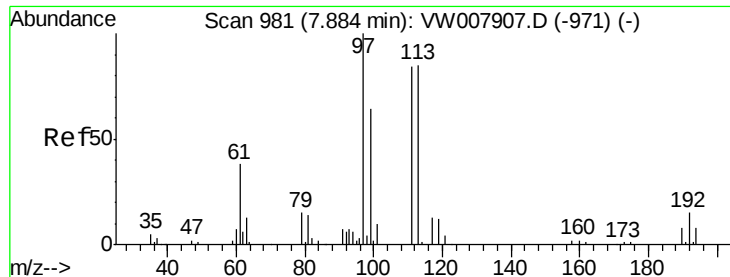
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	128608		
63	20.4	0.0	41.4	
88	16.7	0.0	32.4	





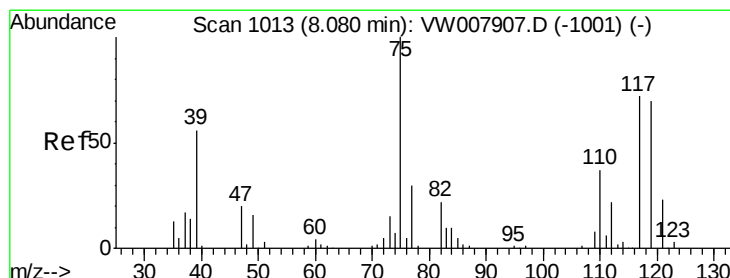
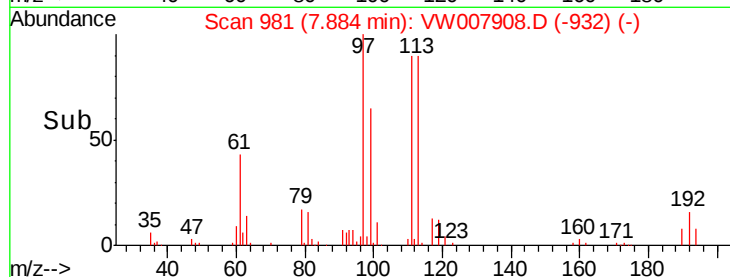
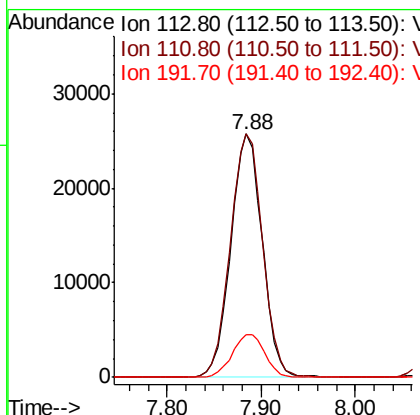
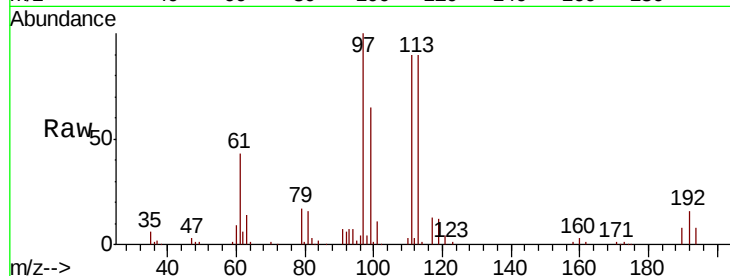
#35
 Dibromofluoromethane
 Concen: 75.306 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.7	81.9	122.9
192	18.3	14.9	22.3

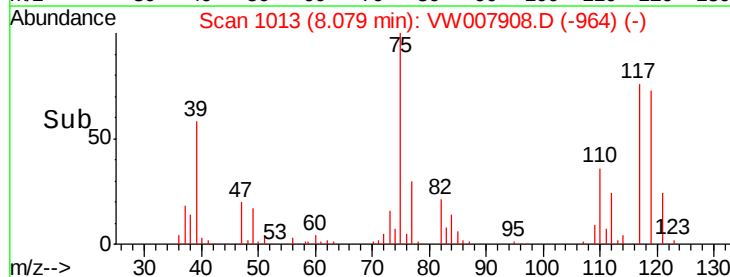
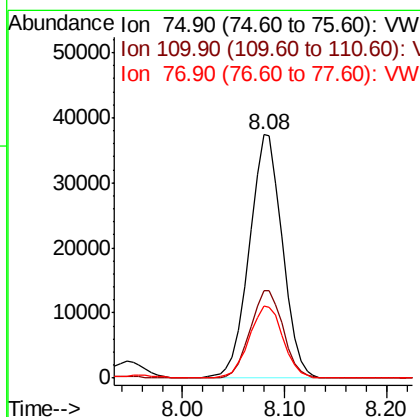
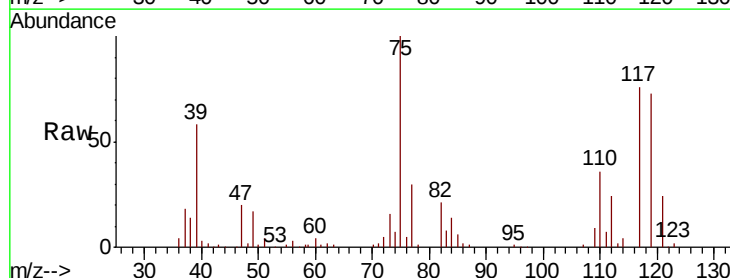
Manual Integrations
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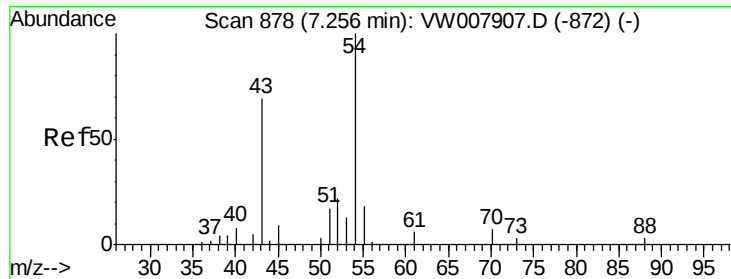
apatel
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#36
 1,1-Dichloropropene
 Concen: 68.334 ug/l
 RT: 8.08 min Scan# 1013
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.9	18.2	54.6
77	30.4	25.0	37.4





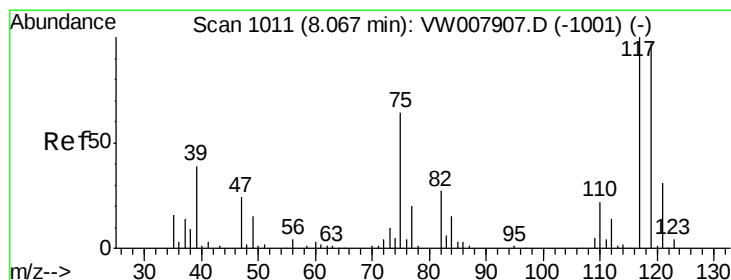
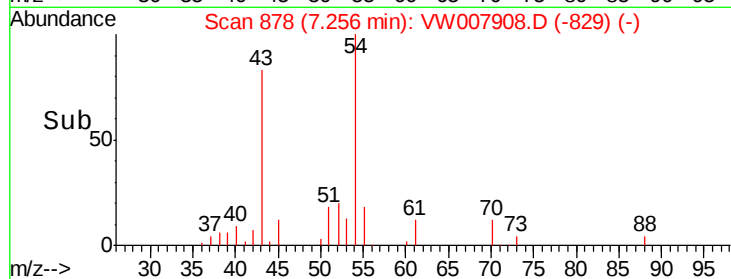
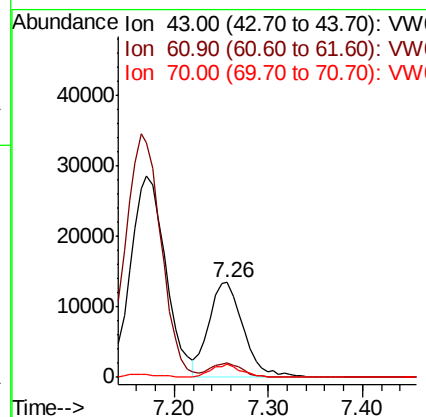
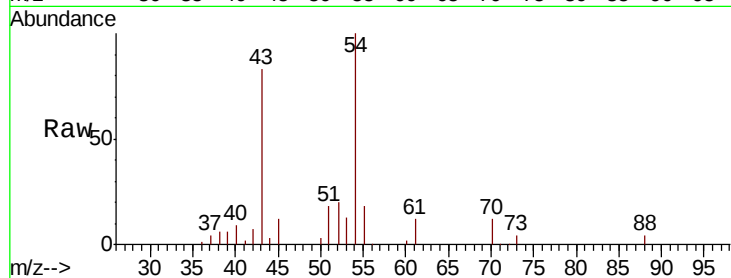
#37
Ethyl Acetate
Concen: 78.239 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.9	10.6	16.0
70	12.1	9.0	13.4

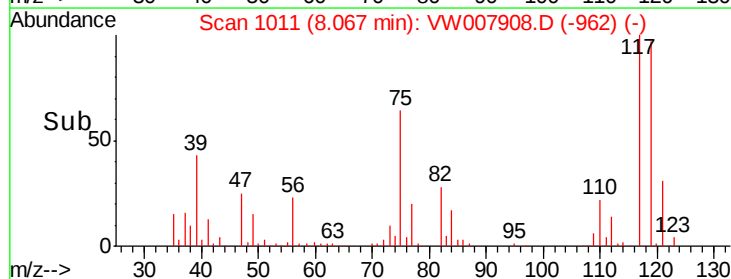
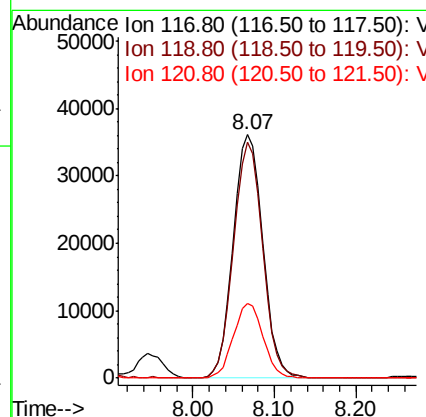
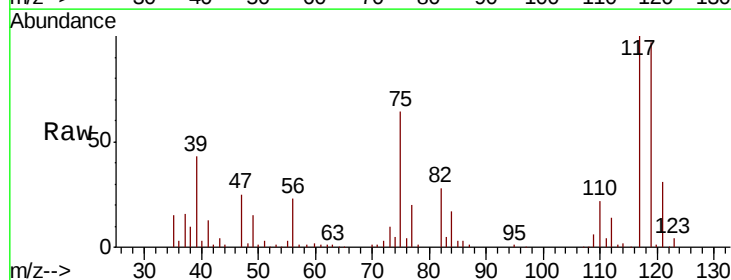
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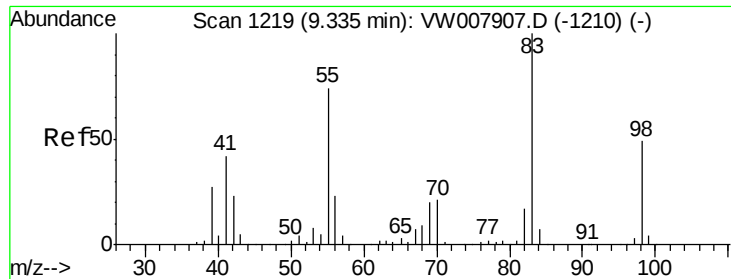
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#38
Carbon Tetrachloride
Concen: 63.178 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.3	115.9
121	30.9	24.5	36.7





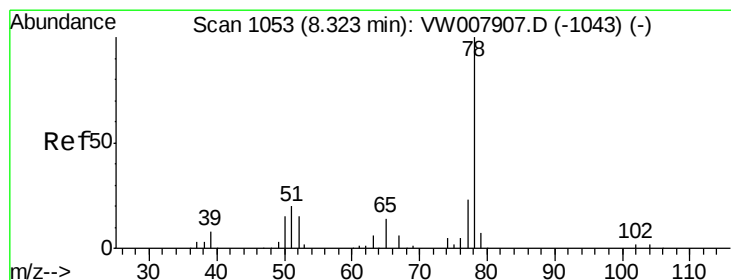
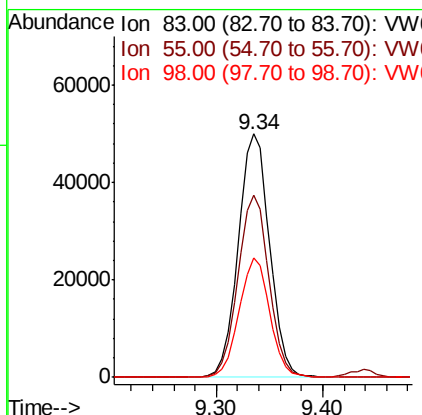
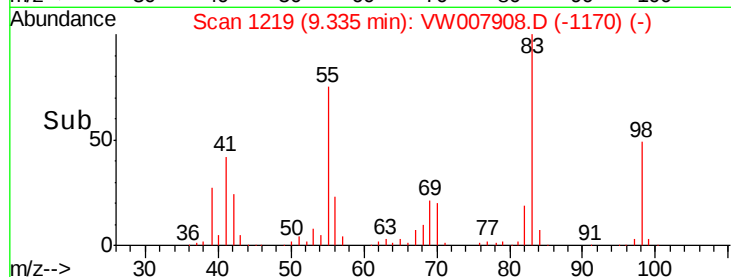
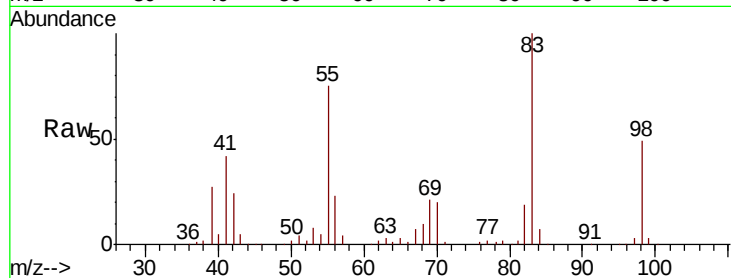
#39
Methvlcvclohexane
Concen: 67.072 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
83	100		
55	74.6	59.1	88.7
98	49.1	39.2	58.8

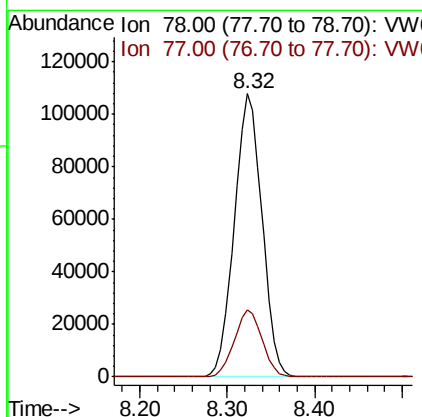
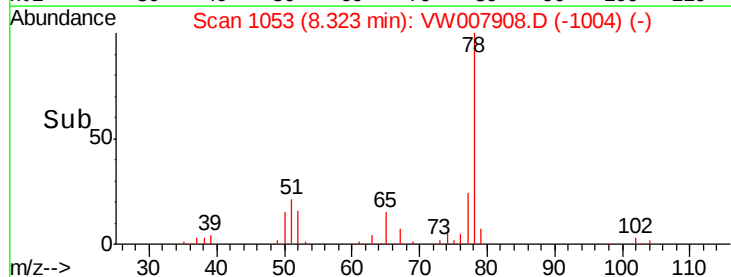
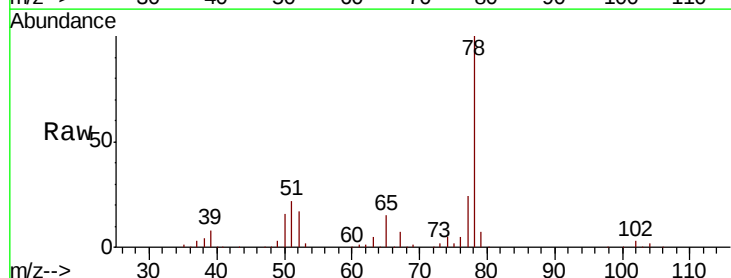
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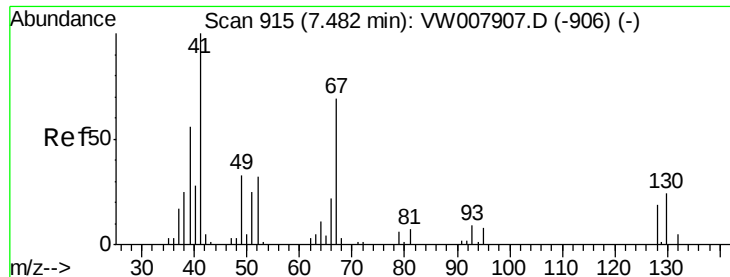
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#40
Benzene
Concen: 71.104 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.9	18.6	28.0





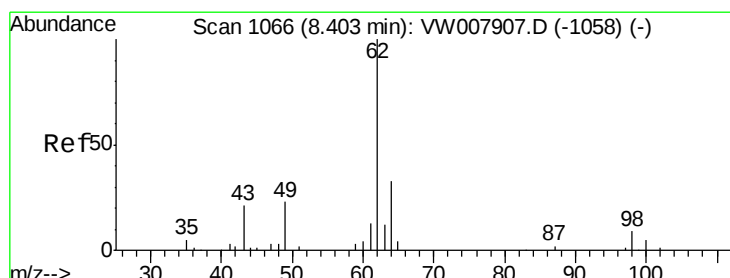
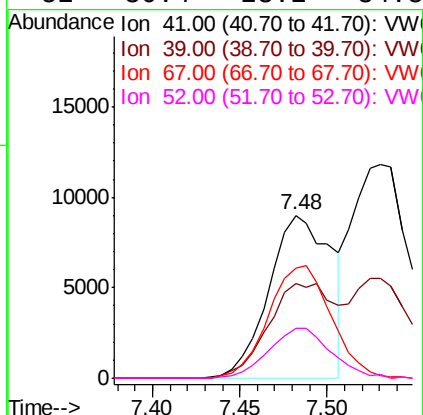
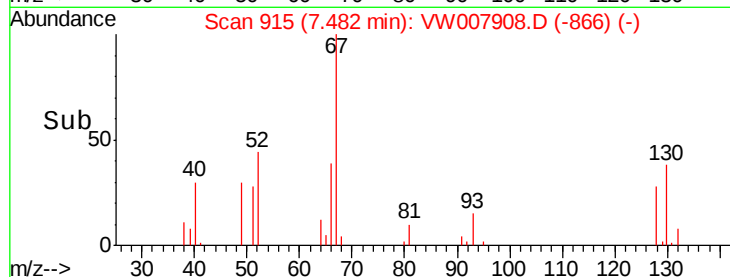
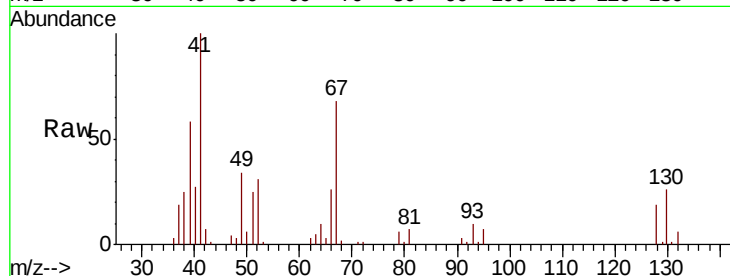
#41
Methacrylonitrile
Concen: 87.684 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:	41	Resp:	22551
Ion	Ratio	Lower	Upper
41	100		
39	60.3	45.0	67.4
67	69.0	53.9	80.9
52	30.4	23.2	34.8

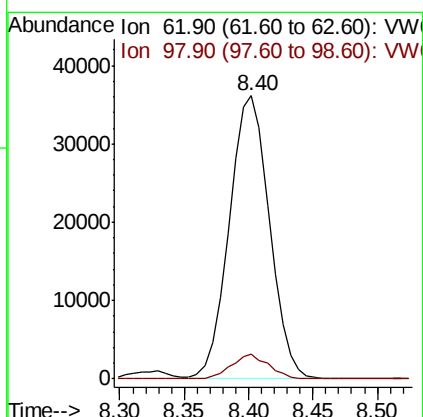
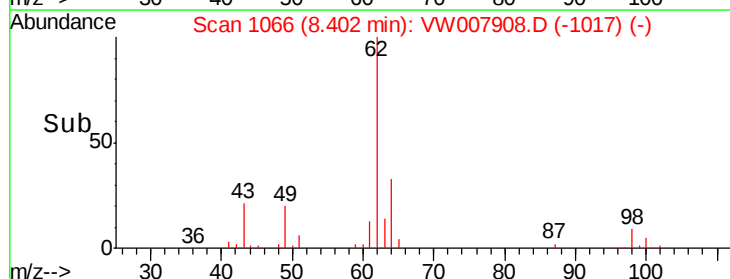
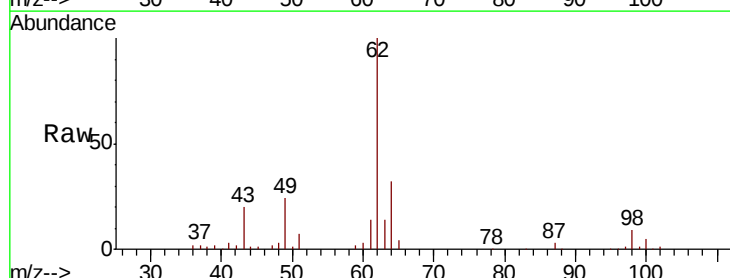
Manual Integrations
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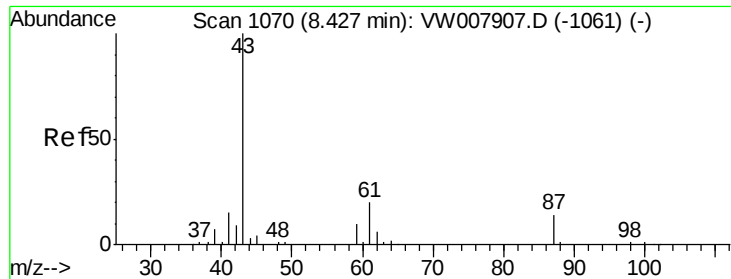
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#42
1,2-Dichloroethane
Concen: 70.438 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion:	62	Resp:	78387
Ion	Ratio	Lower	Upper
62	100		
98	8.1	0.0	17.0





#43

Isopropyl Acetate

Concen: 80.331 ug/l

RT: 8.43 min Scan# 1070

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

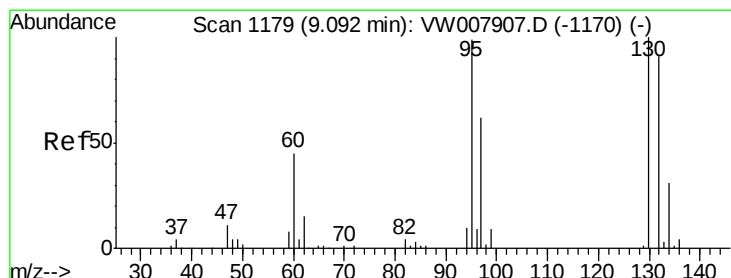
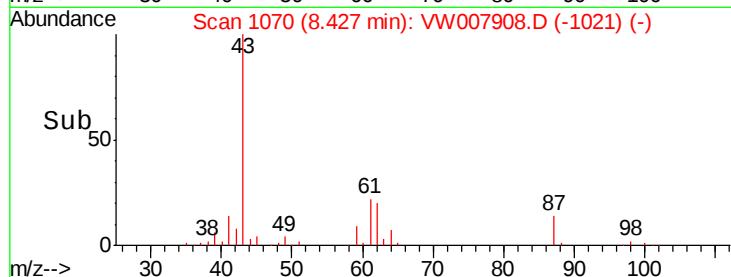
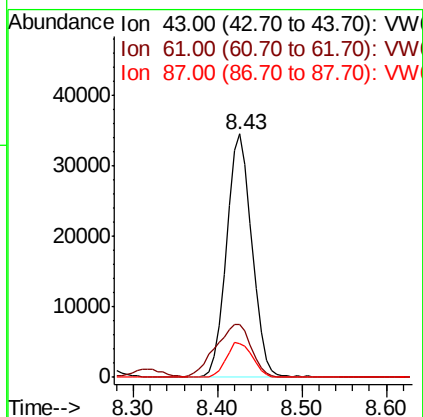
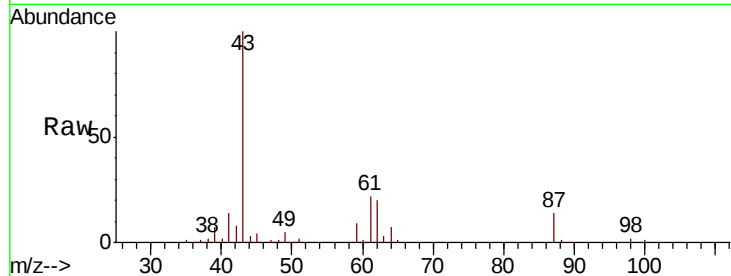
ClientSampleId :

VSTDIC075

Tot Ion:	43	Resp:	70788
Ion	Ratio	Lower	Upper
43	100		
61	30.8	24.2	36.2
87	14.8	11.2	16.8

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#44

Trichloroethene

Concen: 66.754 ug/l

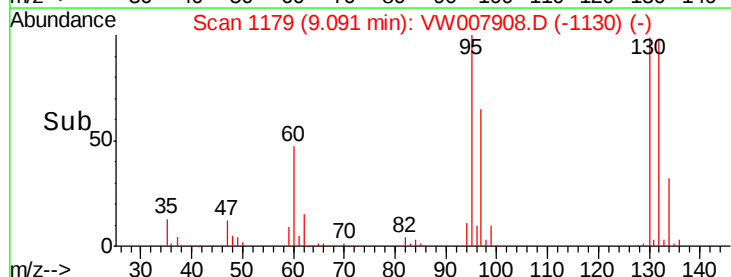
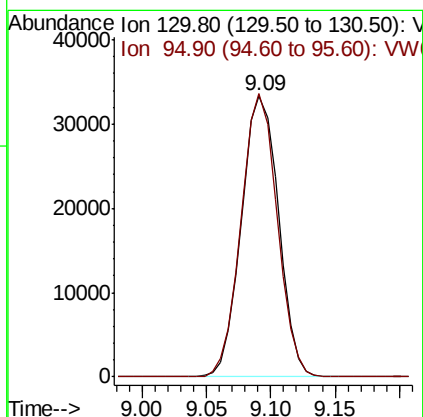
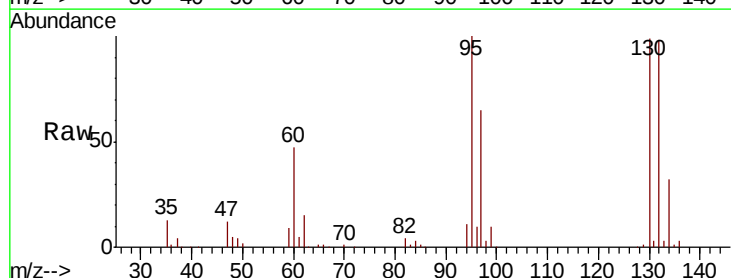
RT: 9.09 min Scan# 1179

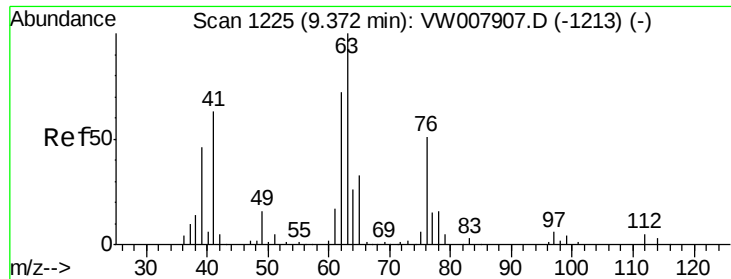
Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Tgt Ion:	130	Resp:	66523
Ion	Ratio	Lower	Upper
130	100		
95	100.6	0.0	197.4





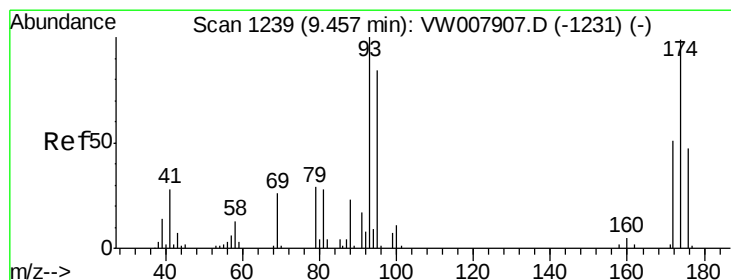
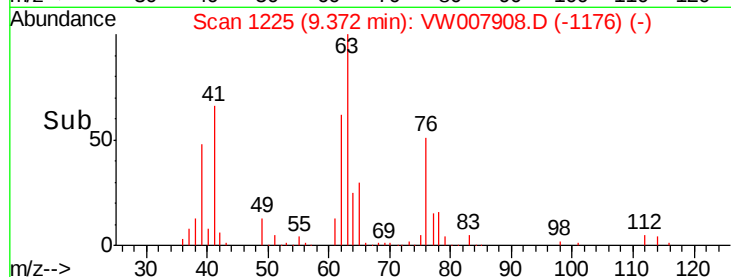
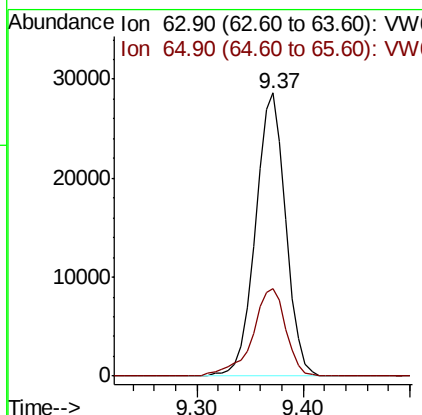
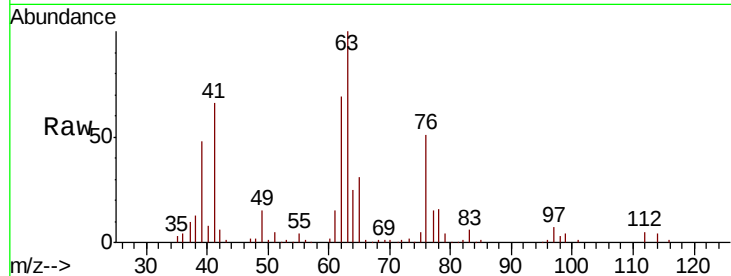
#45
 1,2-Dichloropropane
 Concen: 76.041 ug/l
 RT: 9.37 min Scan# 1225
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 63 Resp: 56764
 Ion Ratio Lower Upper
 63 100
 65 30.8 26.4 39.6

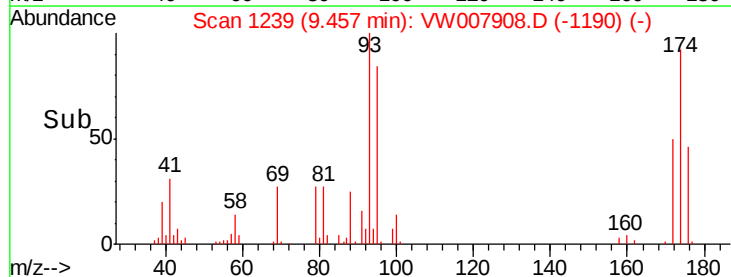
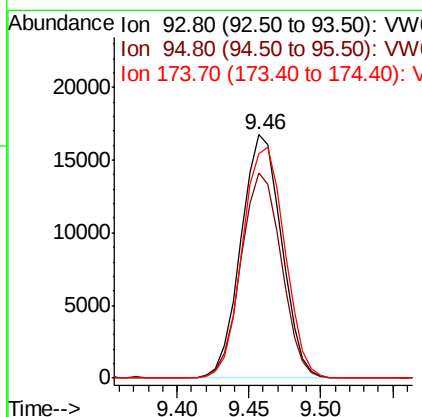
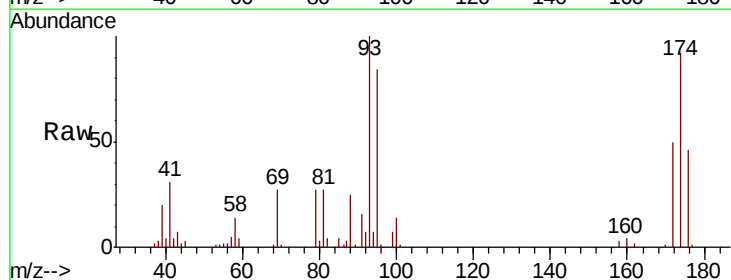
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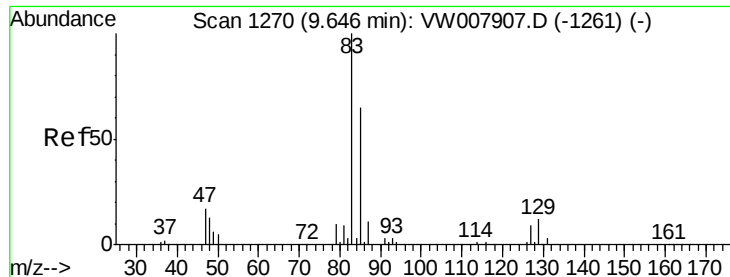
apatel
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#46
 Dibromomethane
 Concen: 72.268 ug/l
 RT: 9.46 min Scan# 1239
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion: 93 Resp: 32718
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.6 100.0
 174 98.6 81.0 121.4





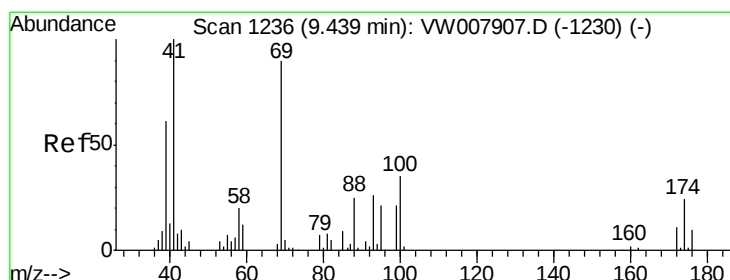
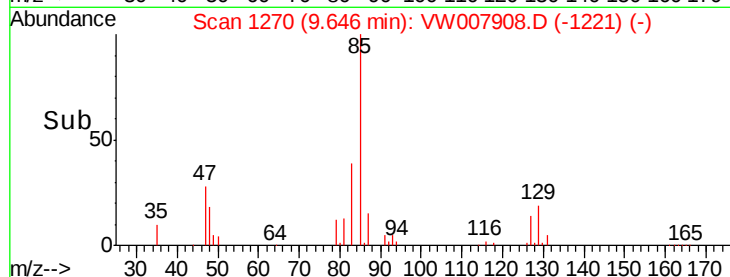
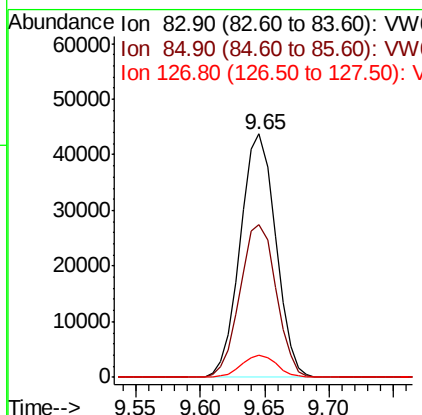
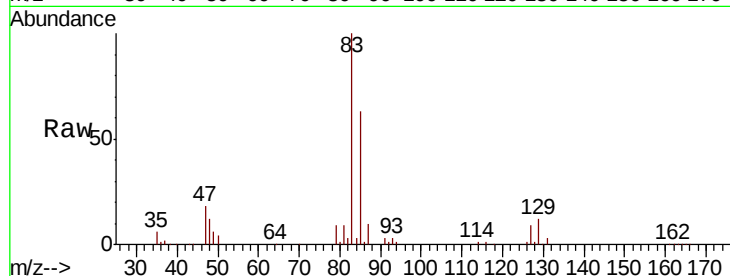
#47
Bromodichloromethane
Concen: 70.269 ug/l
RT: 9.65 min Scan# 1270
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	83	Resp	83542
Ion Ratio	100	Lower	Upper
83	100		
85	62.8	52.2	78.4
127	8.9	6.8	10.2

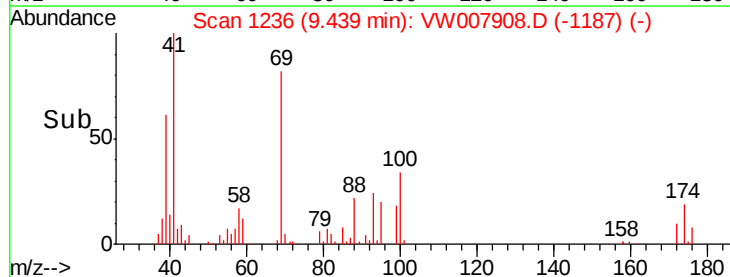
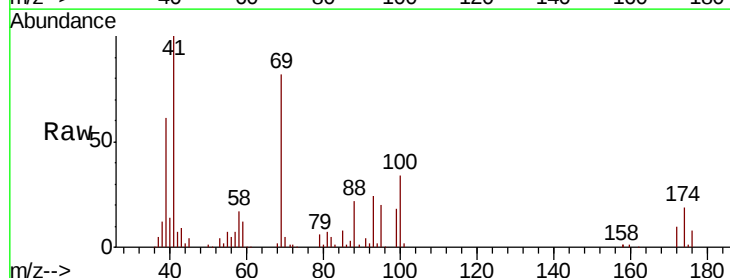
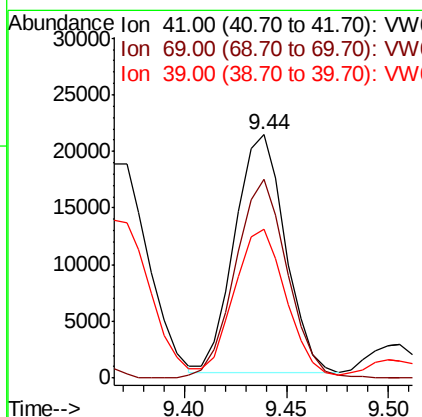
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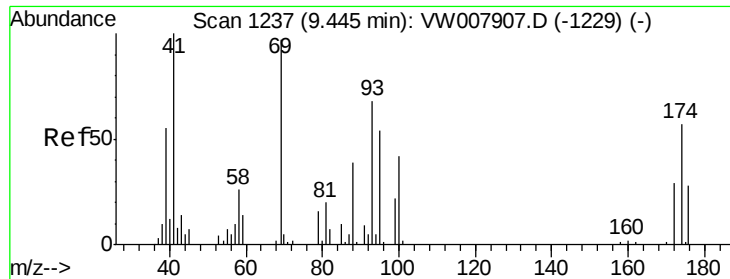
apatel
12/27/2018 11:17:19 AM



#48
Methyl methacrylate
Concen: 81.877 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	41	Resp	36129
Ion Ratio	100	Lower	Upper
41	100		
69	86.1	70.4	105.6
39	61.9	51.7	77.5





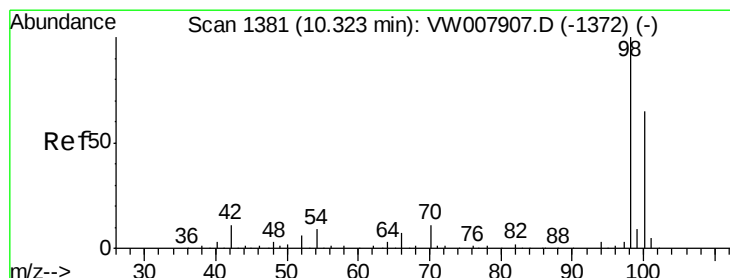
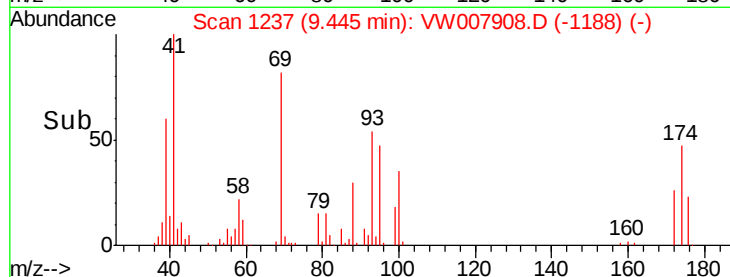
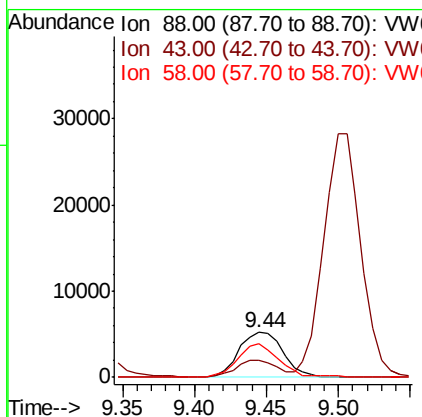
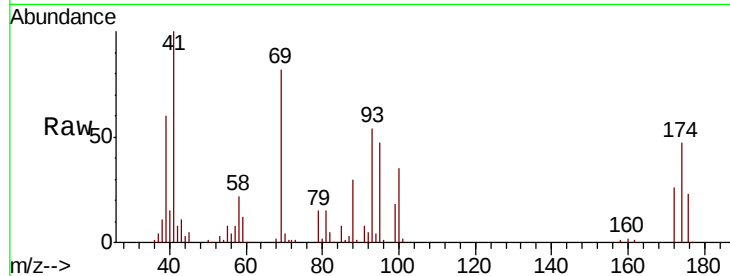
#49
1,4-Dioxane
Concen: 1545.991 ug/l
RT: 9.44 min Scan# 1237
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.0	30.9	46.3
58	67.3	55.4	83.0

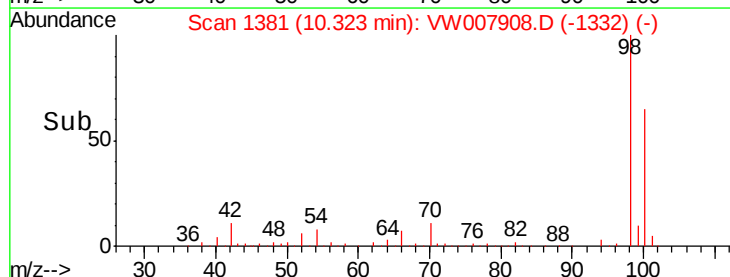
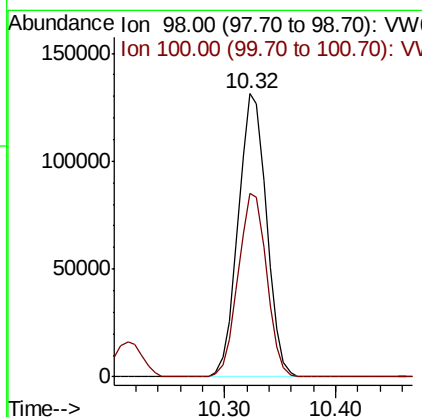
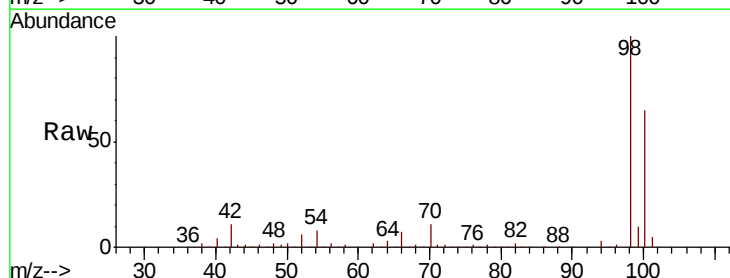
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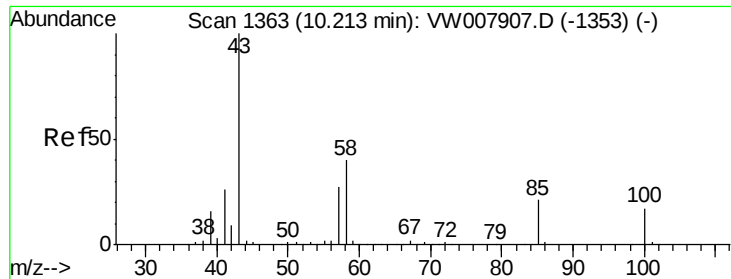
apatel
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#50
Toluene-d8
Concen: 77.323 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 408.125 ug/l

RT: 10.21 min Scan# 1363

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 43 Resp: 171024

Ion Ratio Lower Upper

43 100

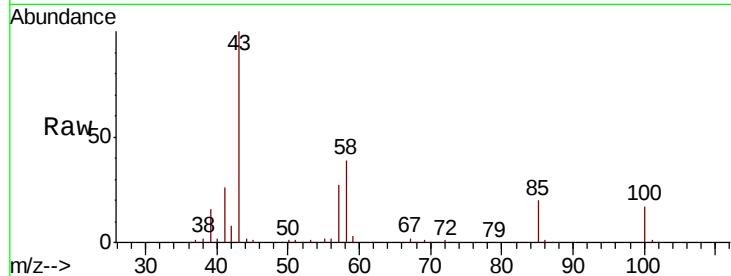
58 39.2 31.6 47.4

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

10.21

100000

80000

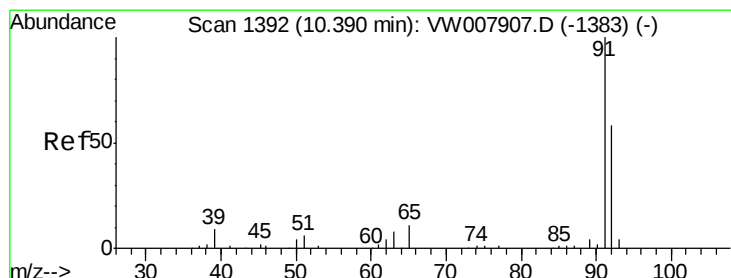
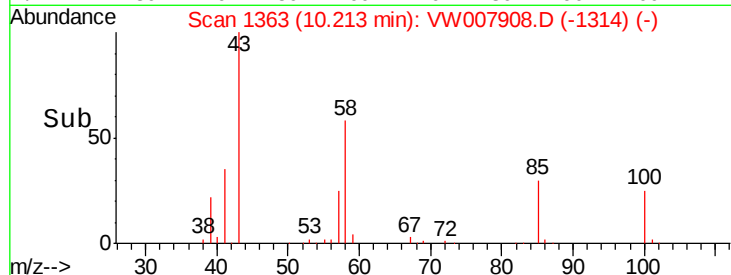
60000

40000

20000

0

Time-->



#52

Toluene

Concen: 69.939 ug/l

RT: 10.39 min Scan# 1392

Delta R.T. -0.00 min

Lab File: VW007908.D

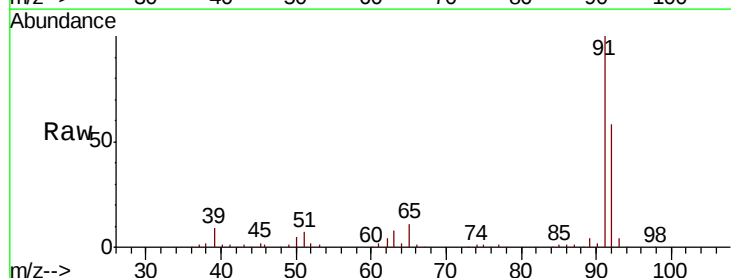
Acq: 25 Dec 2018 00:56

Tgt Ion: 92 Resp: 155889

Ion Ratio Lower Upper

92 100

91 172.0 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VW

Ion 91.00 (90.70 to 91.70): VW

10.39

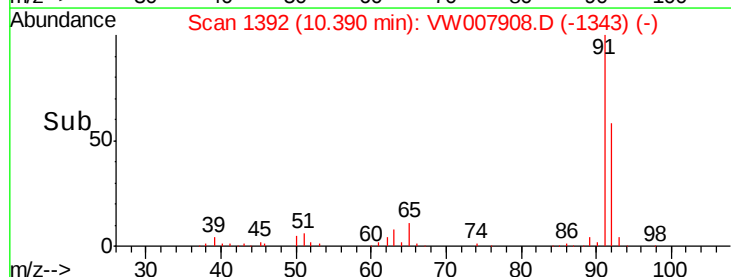
150000

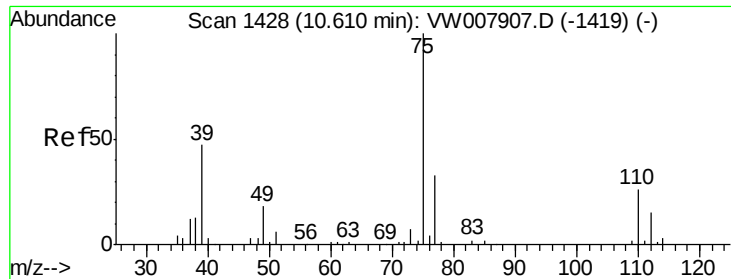
100000

50000

0

Time-->





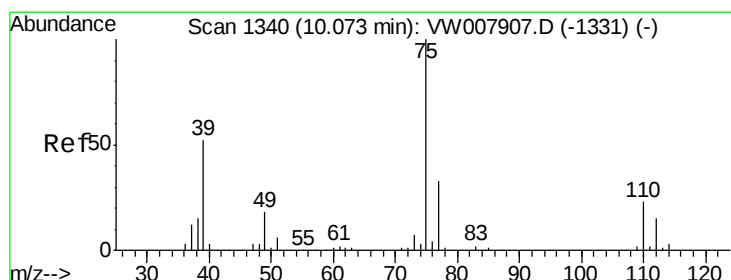
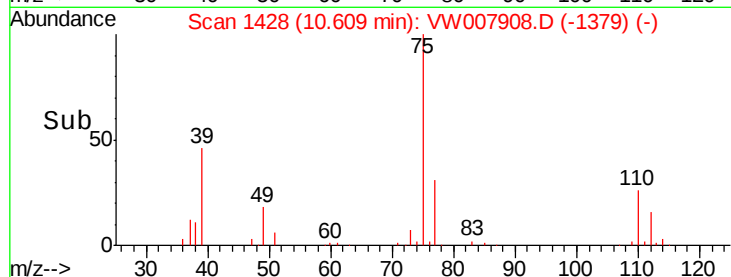
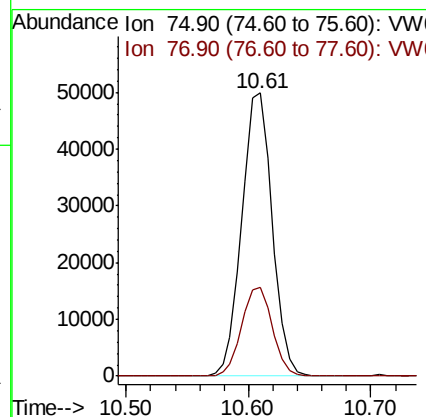
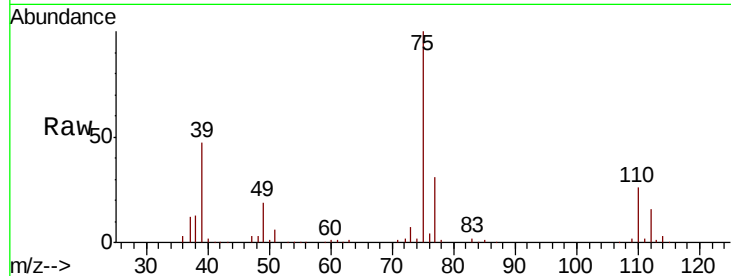
#53
 t-1,3-Dichloropropene
 Concen: 72.261 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 75 Resp: 86013
 Ion Ratio Lower Upper
 75 100
 77 31.5 26.4 39.6

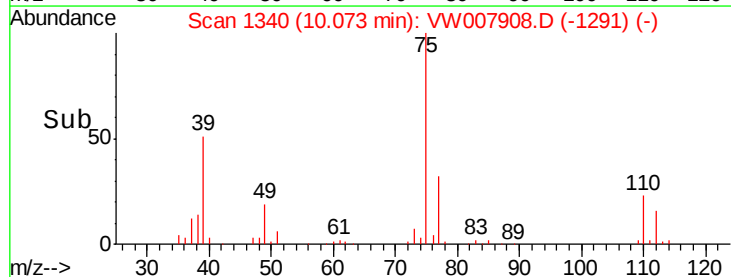
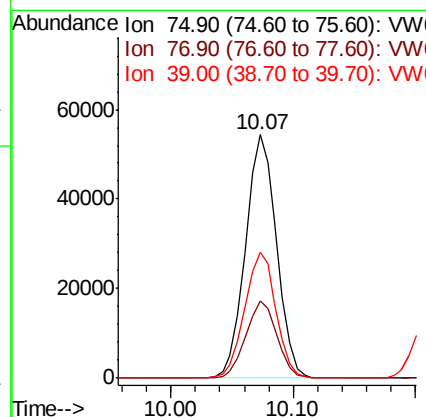
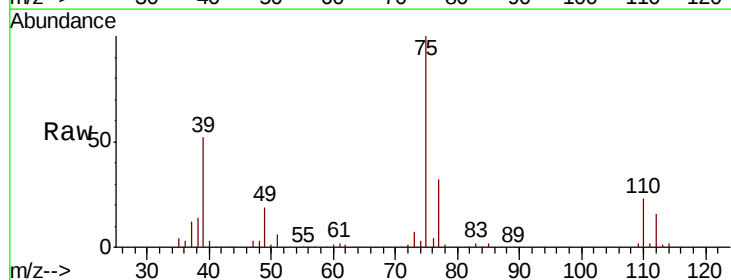
Manual Integrations
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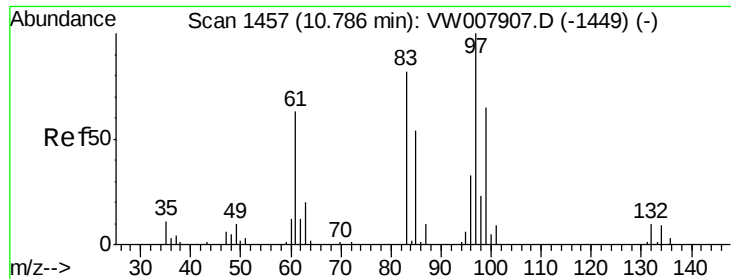
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#54
 cis-1,3-Dichloropropene
 Concen: 72.751 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion: 75 Resp: 95652
 Ion Ratio Lower Upper
 75 100
 77 31.8 26.2 39.2
 39 51.7 41.8 62.6





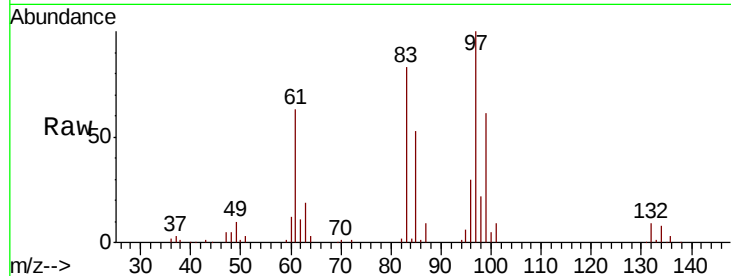
#55
 1,1,2-Trichloroethane
 Concen: 73.708 ug/l
 RT: 10.79 min Scan# 1457
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	97	Resp	46481
Ion Ratio	Lower	Upper	
97	100		
83	82.8	65.8	98.6
85	52.6	43.5	65.3
99	60.6	51.8	77.6

Manual Integrations
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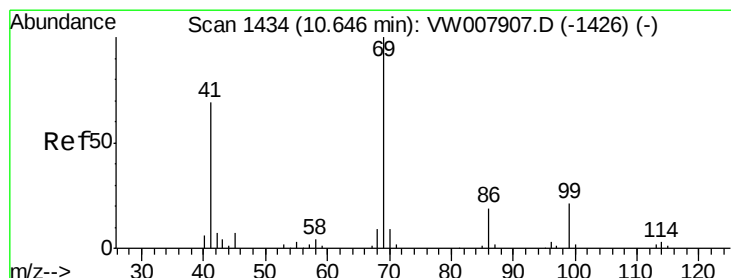
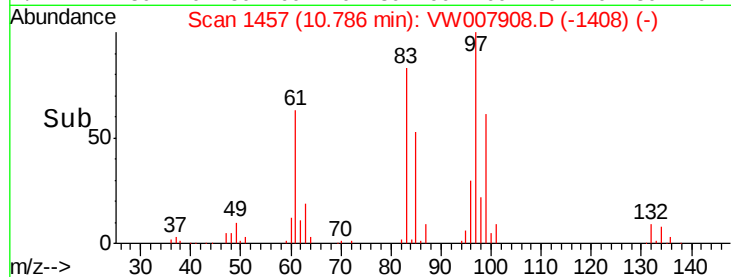
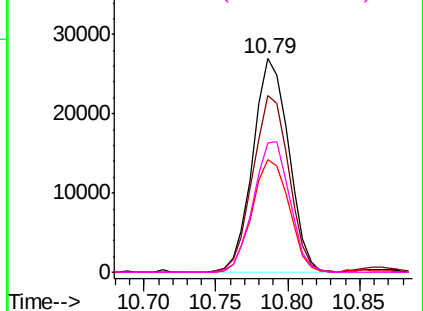
Abundance

Ion 96.90 (96.60 to 97.60): VW

Ion 82.90 (82.60 to 83.60): VW

Ion 84.90 (84.60 to 85.60): VW

Ion 98.90 (98.60 to 99.60): VW



#56
 Ethyl methacrylate
 Concen: 79.261 ug/l
 RT: 10.65 min Scan# 1434
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

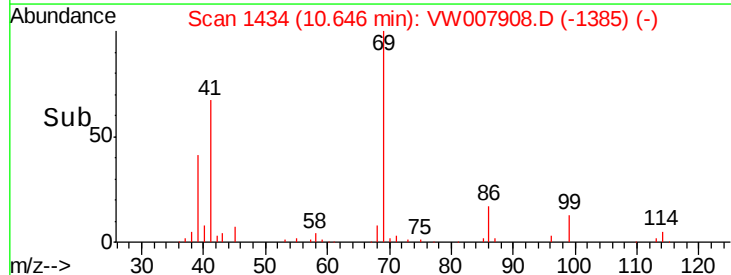
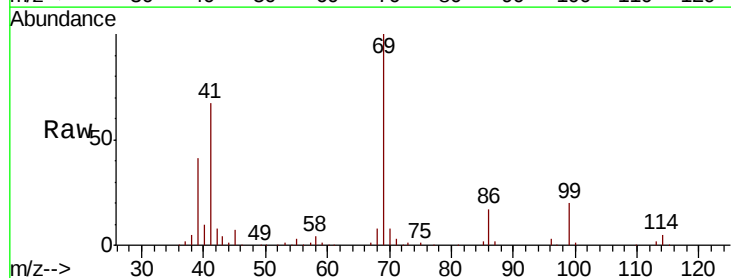
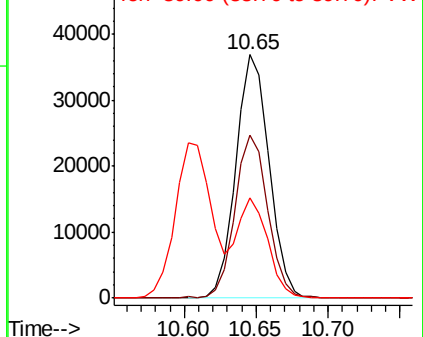
Tgt Ion	69	Resp	59237
Ion Ratio	Lower	Upper	
69	100		
41	66.5	54.0	81.0
39	39.2	31.1	46.7

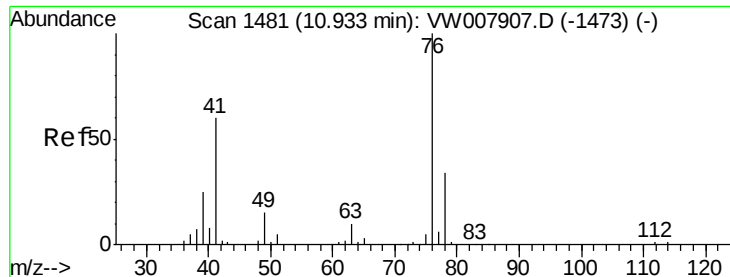
Abundance

Ion 69.00 (68.70 to 69.70): VW

Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW





#57

1,3-Dichloropropane

Concen: 75.689 ug/l

RT: 10.93 min Scan# 1481

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

ClientSampleId :

VSTDIC075

Tot Ion: 76 Resp: 79600

Ion Ratio Lower Upper

76 100

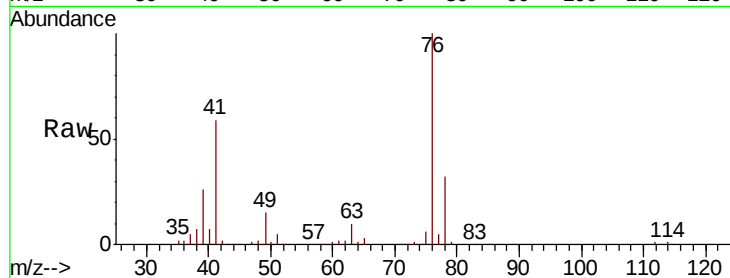
78 32.2 25.5 38.3

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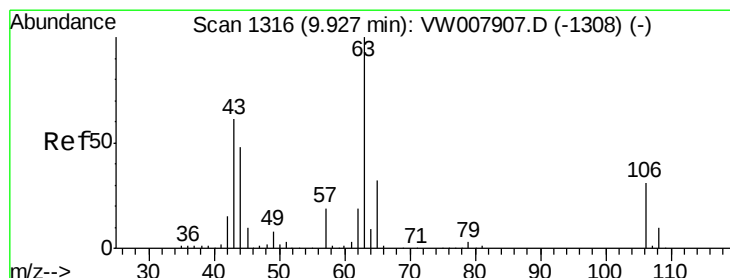
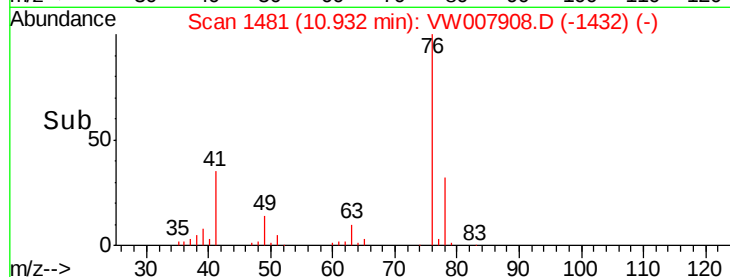
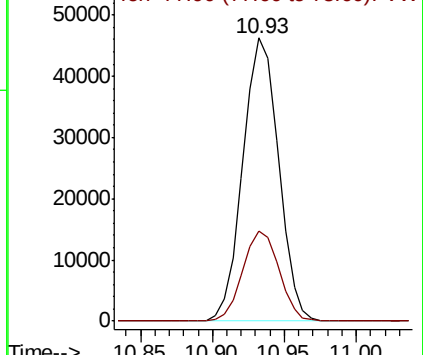
apatel

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Abundance Ion 75.90 (75.60 to 76.60): VW

Ion 77.90 (77.60 to 78.60): VW



#58

2-Chloroethyl Vinyl ether

Concen: 390.178 ug/l

RT: 9.93 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VW007908.D

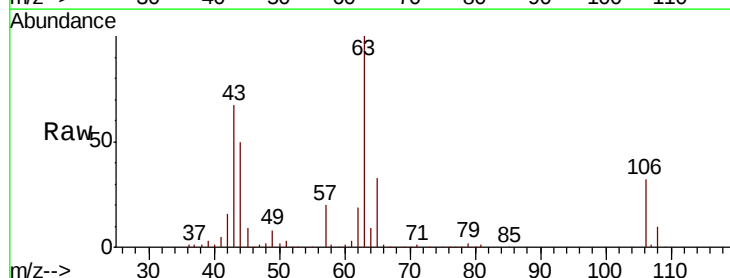
Acq: 25 Dec 2018 00:56

Tgt Ion: 63 Resp: 134194

Ion Ratio Lower Upper

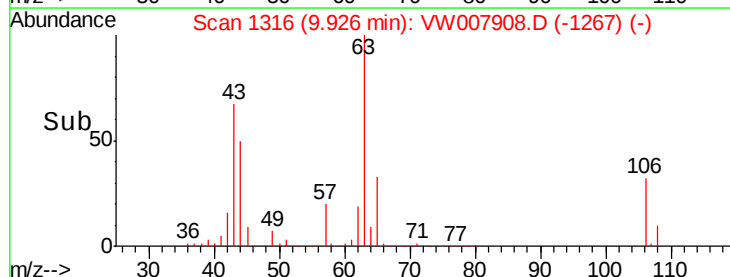
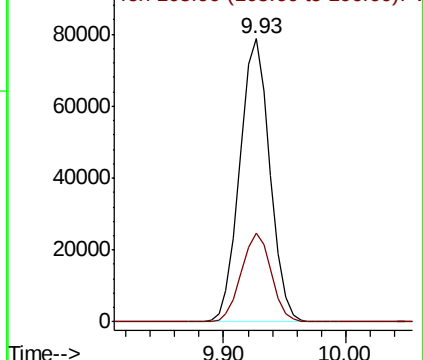
63 100

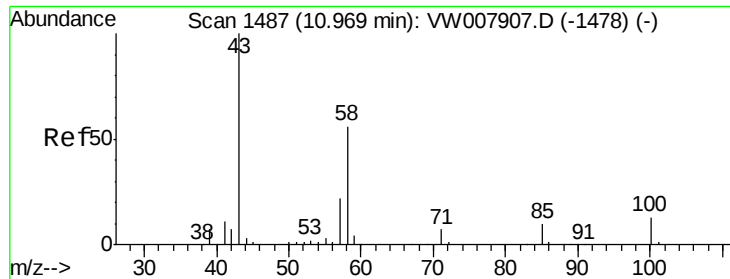
106 31.3 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 105.90 (105.60 to 106.60): V





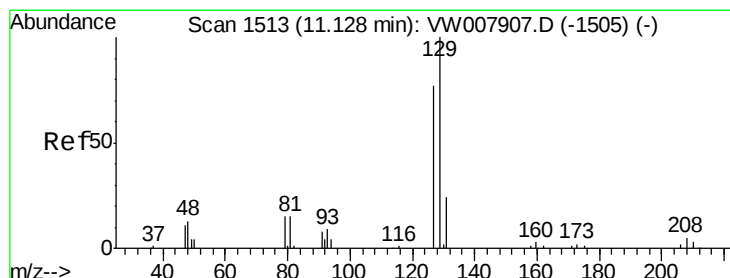
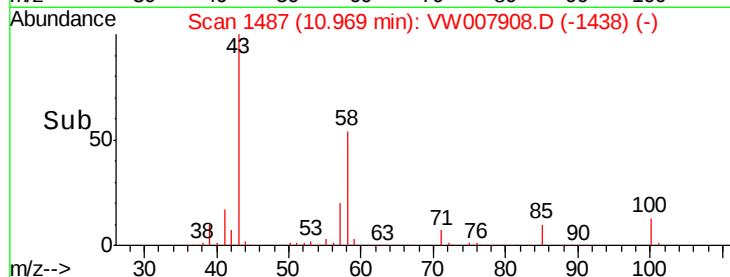
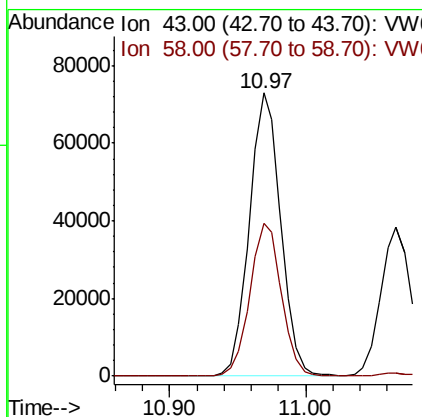
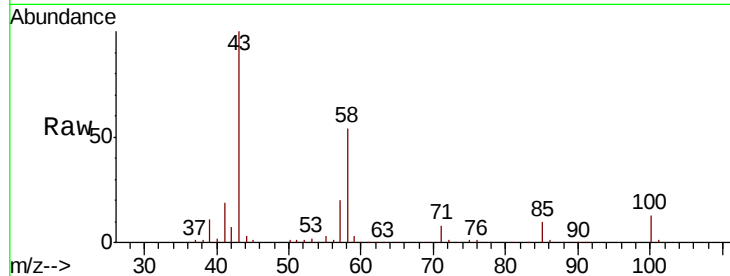
#59
2-Hexanone
Concen: 401.973 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 43 Resp: 117985
Ion Ratio Lower Upper
43 100
58 54.2 27.4 82.0

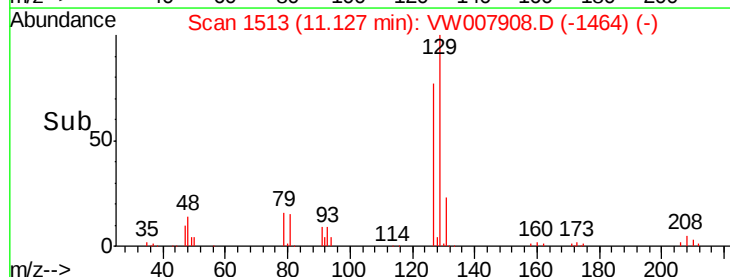
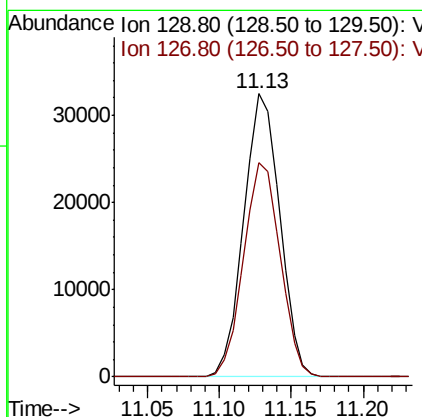
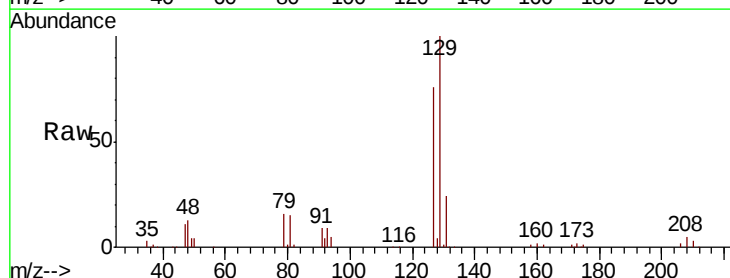
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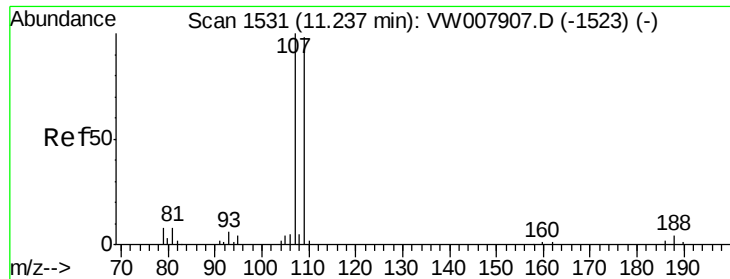
apatel
12/27/2018 11:17:19 AM



#60
Dibromochloromethane
Concen: 68.668 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 129 Resp: 56380
Ion Ratio Lower Upper
129 100
127 76.9 38.0 113.9





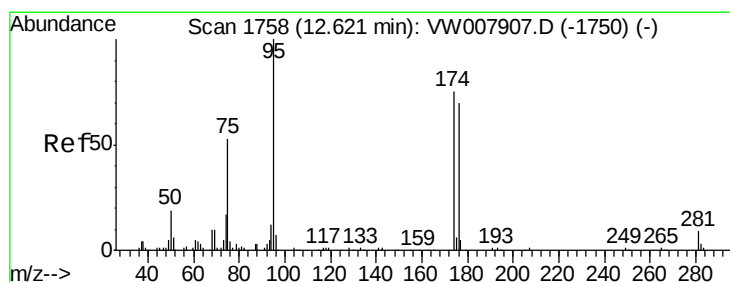
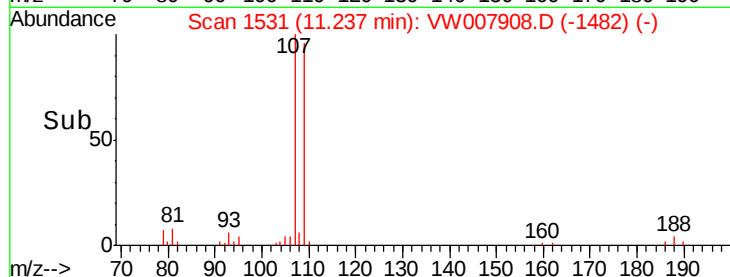
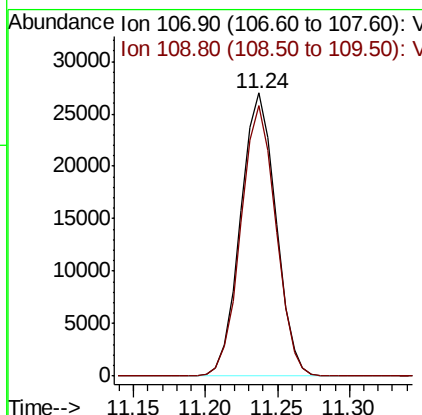
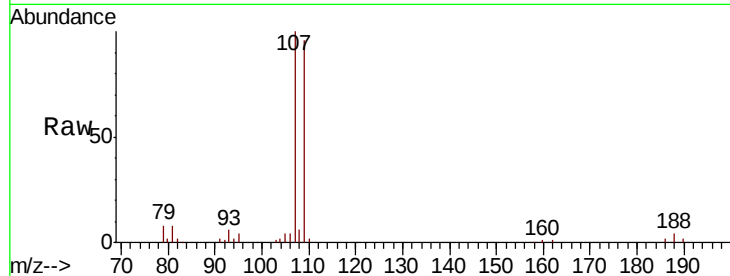
#61
 1,2-Dibromoethane
 Concen: 72.136 ug/l
 RT: 11.24 min Scan# 1531
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 107 Resp: 45972
 Ion Ratio Lower Upper
 107 100
 109 94.4 76.4 114.6

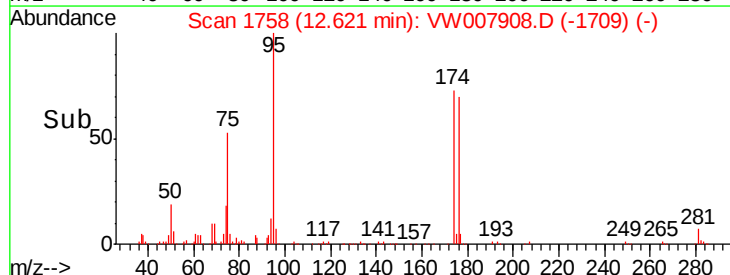
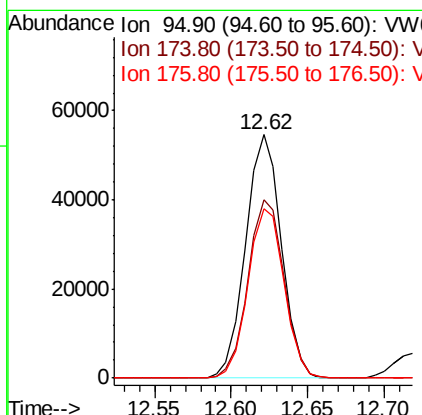
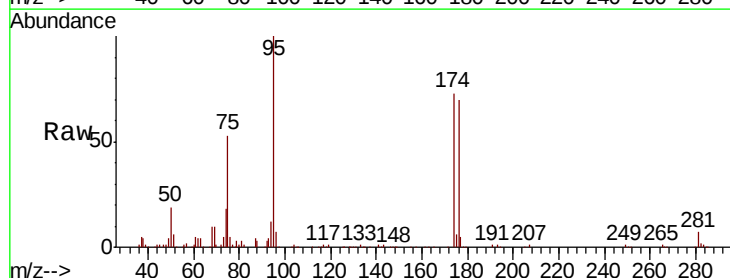
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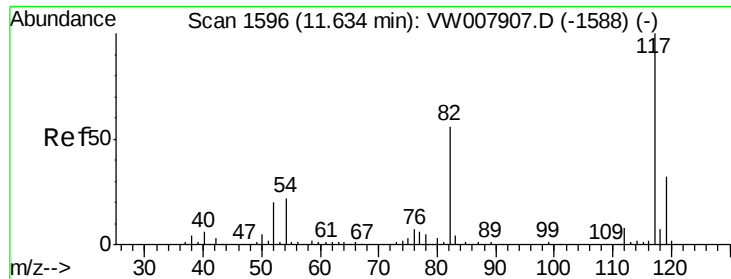
apatel
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#62
 4-Bromofluorobenzene
 Concen: 76.689 ug/l
 RT: 12.62 min Scan# 1758
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion: 95 Resp: 88562
 Ion Ratio Lower Upper
 95 100
 174 74.2 0.0 145.4
 176 70.7 0.0 140.2





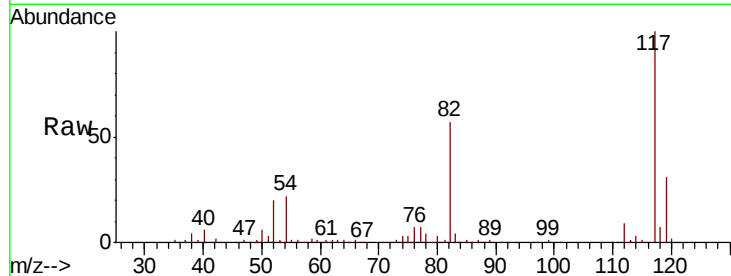
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.1	67.7
119	31.1	25.8	38.8

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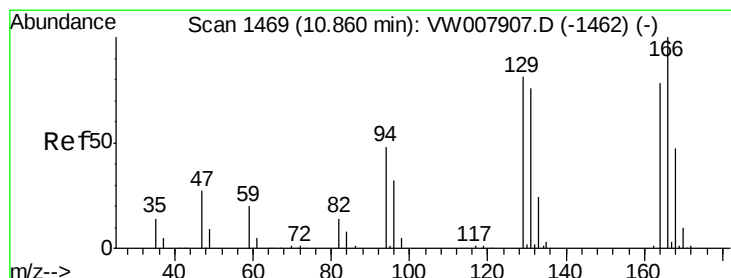
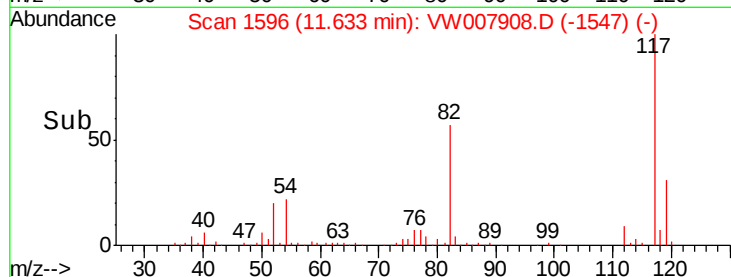
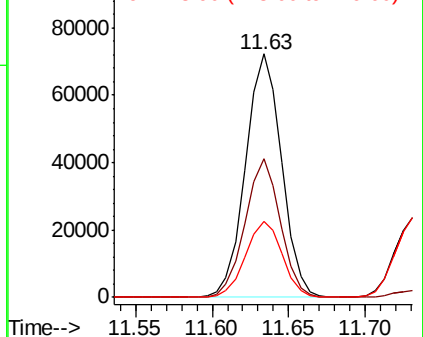


Abundance

Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64
Tetrachloroethene
Concen: 68.856 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
164	100		
166	130.4	102.1	153.1
129	100.2	82.3	123.5
131	99.2	77.6	116.4

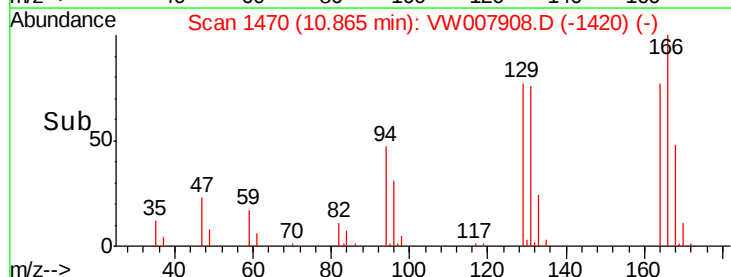
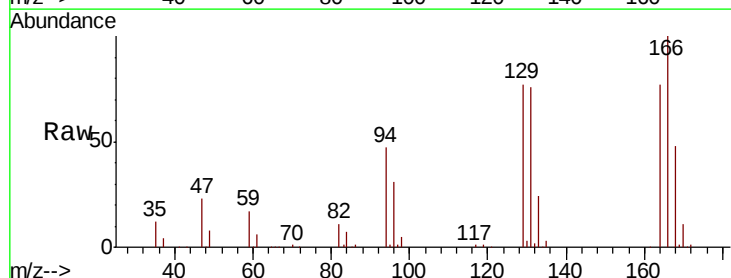
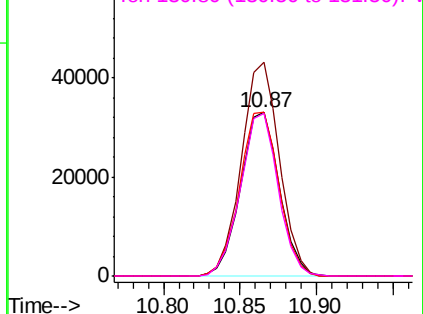
Abundance

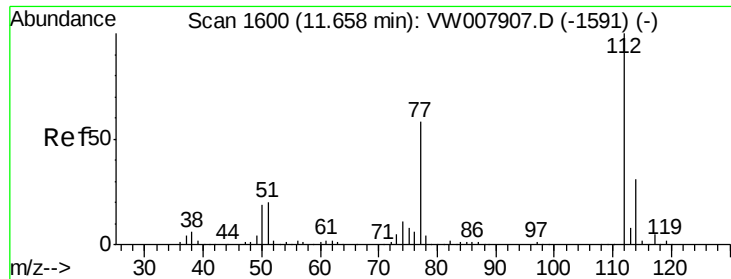
Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





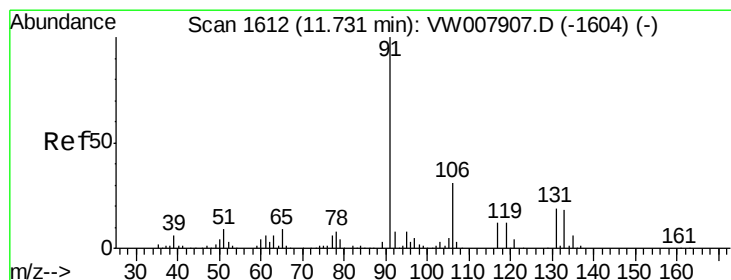
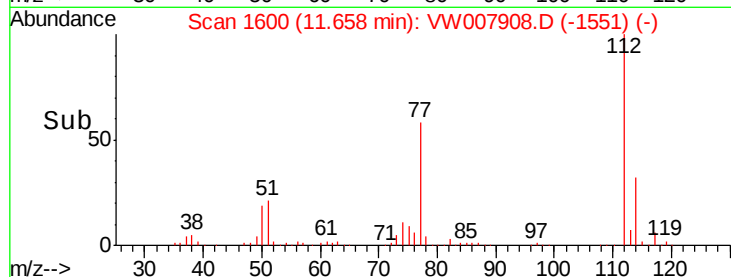
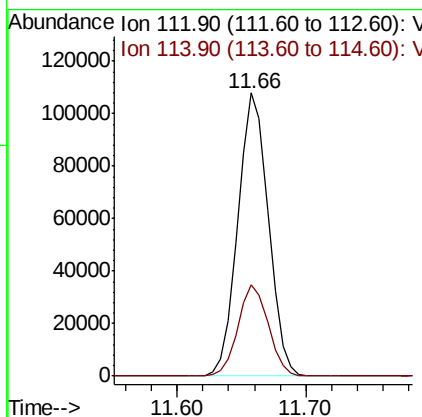
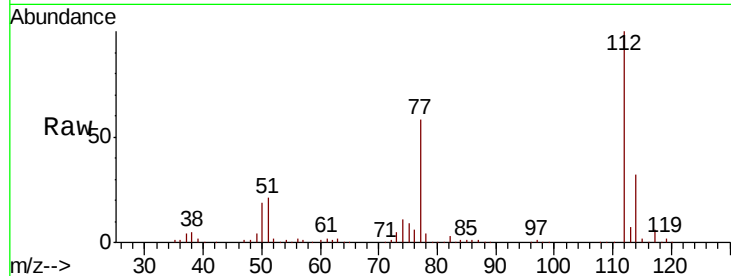
#65
Chlorobenzene
Concen: 68.708 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion:112 Resp: 176547
Ion Ratio Lower Upper
112 100
114 32.3 25.1 37.7

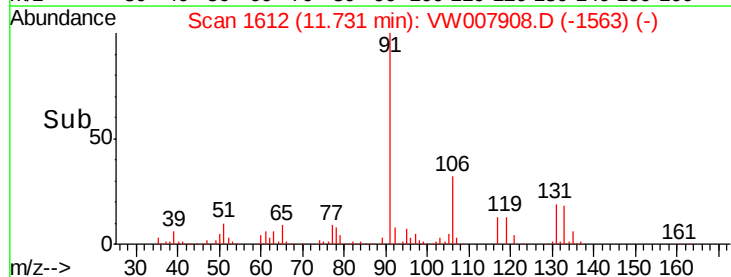
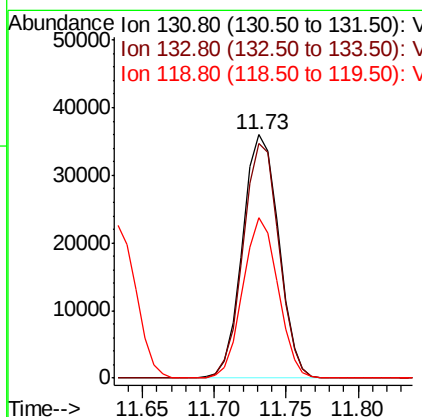
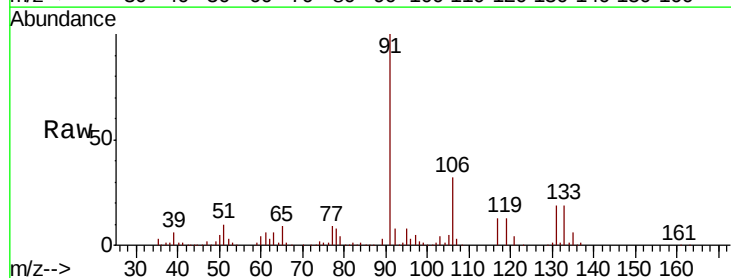
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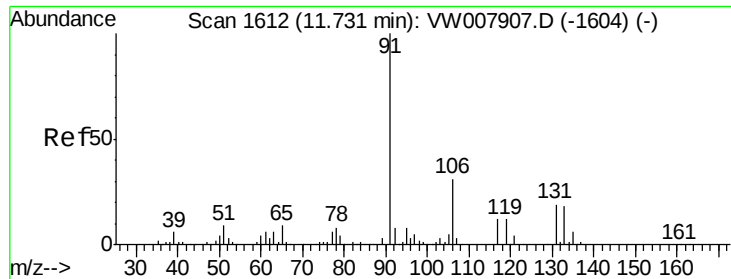
apatel
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#66
1,1,1,2-Tetrachloroethane
Concen: 68.732 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion:131 Resp: 62719
Ion Ratio Lower Upper
131 100
133 95.4 48.4 145.3
119 63.9 31.6 95.0





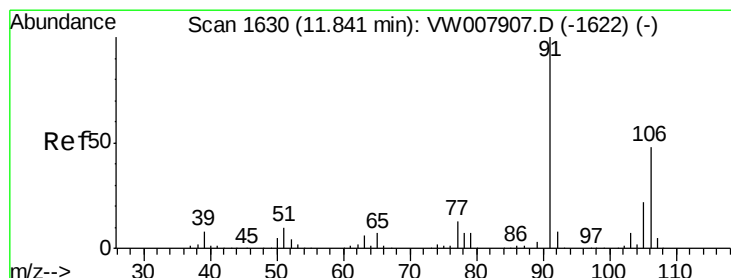
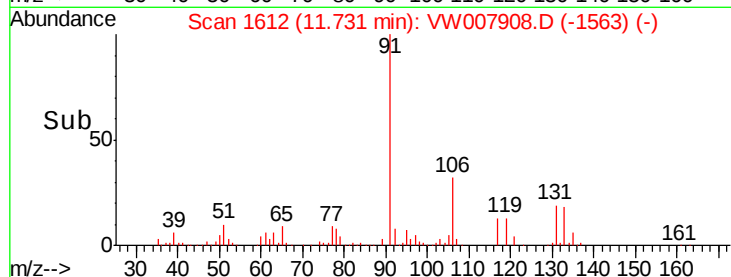
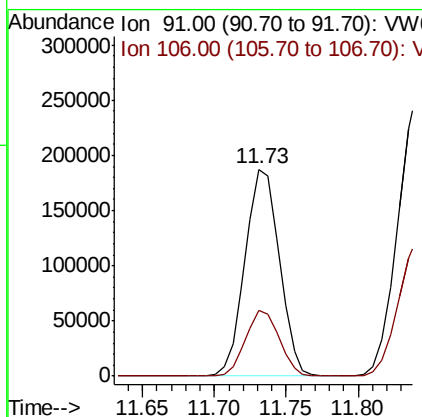
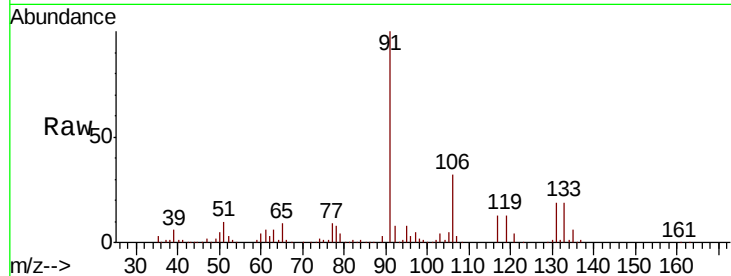
#67
Ethyl Benzene
Concen: 70.054 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampled :
VSTDIC075

Tot Ion: 91 Resp: 309772
Ion Ratio Lower Upper
91 100
106 31.6 24.6 37.0

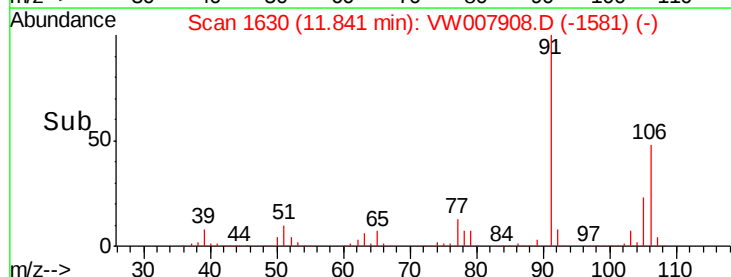
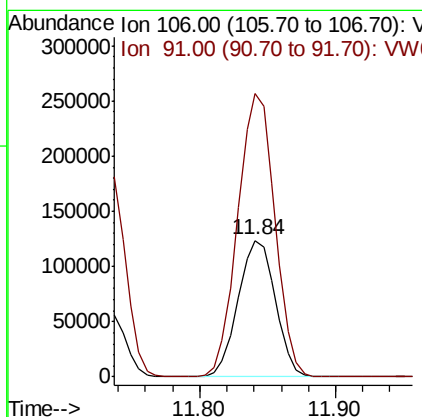
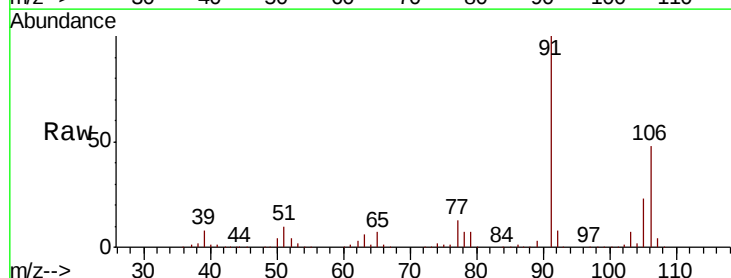
Manual Integrations
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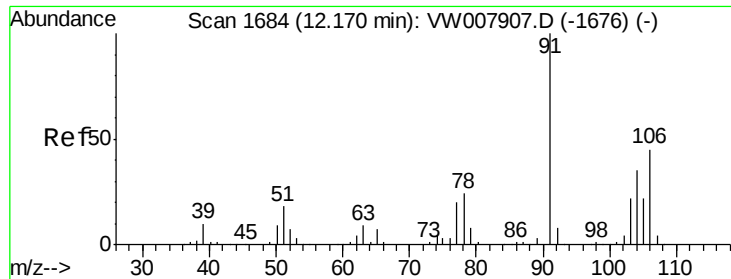
apatel
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#68
m/p-Xylenes
Concen: 138.590 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 106 Resp: 236752
Ion Ratio Lower Upper
106 100
91 206.8 166.6 249.8





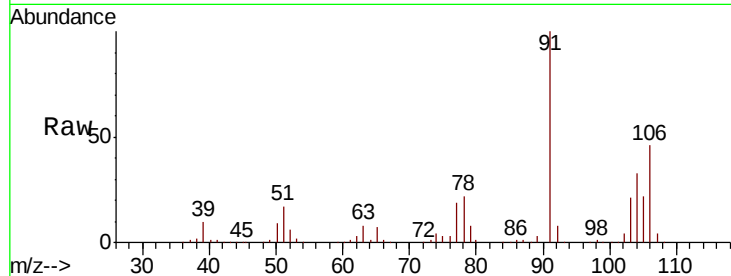
#69
o-Xylene
Concen: 69.914 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

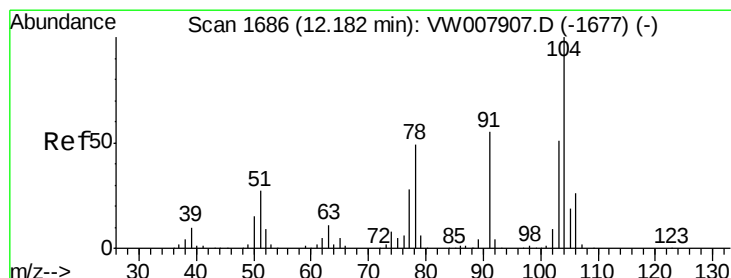
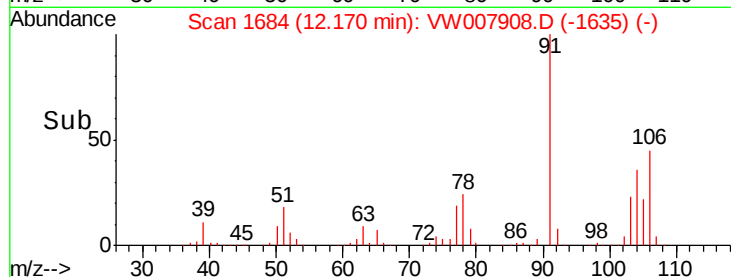
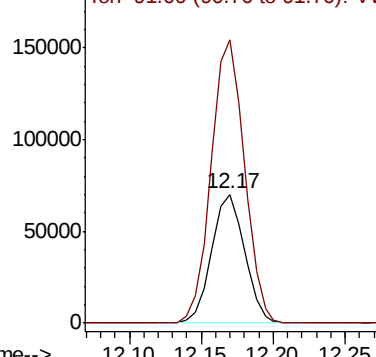
Tot Ion:106 Resp: 112198
Ion Ratio Lower Upper
106 100
91 220.7 110.3 331.0

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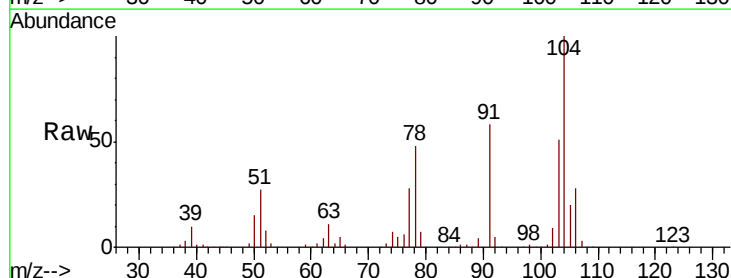


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): V

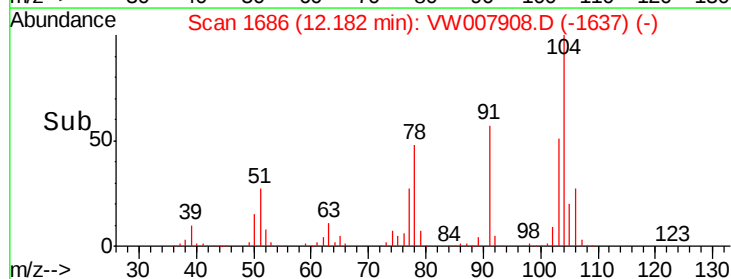
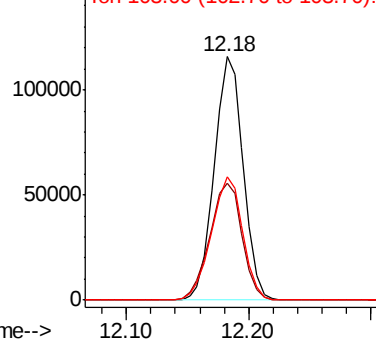


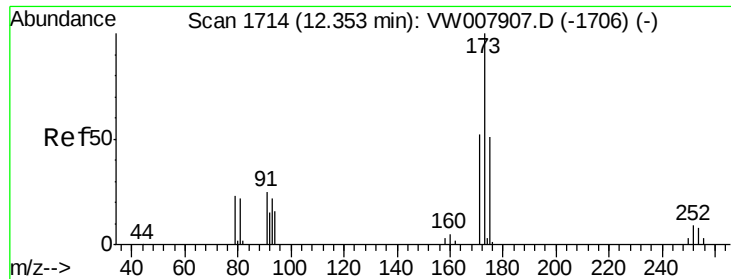
#70
Styrene
Concen: 71.951 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion:104 Resp: 189960
Ion Ratio Lower Upper
104 100
78 53.5 43.1 64.7
103 54.7 44.1 66.1



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): V
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 66.289 ug/l

RT: 12.35 min Scan# 1714

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

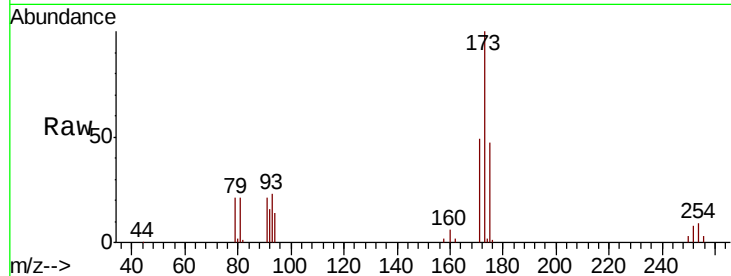
ClientSampleId :

VSTDIC075

Tot Ion	Ratio	Lower	Upper
173	100		
175	47.5	24.9	74.7
254	0.1	0.0	0.0

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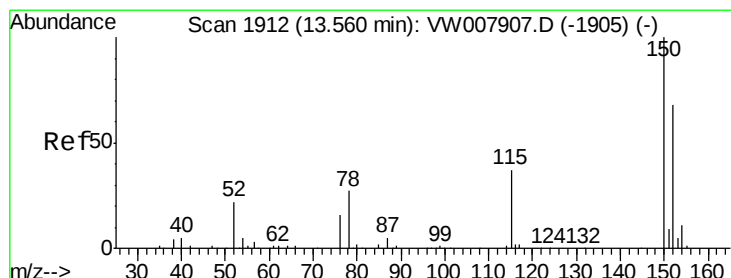
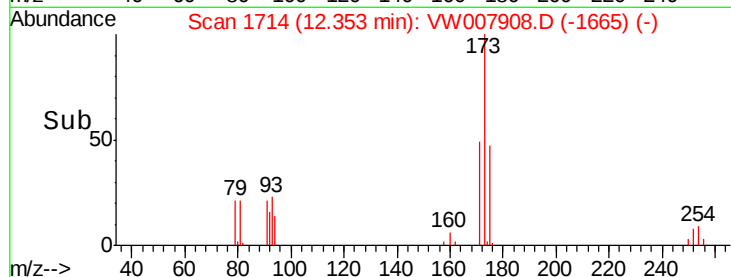
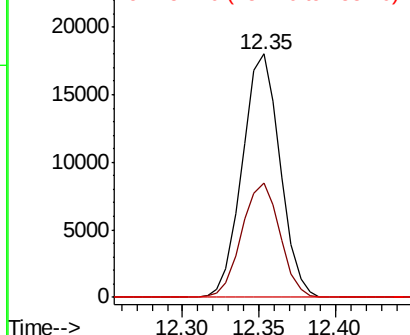


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

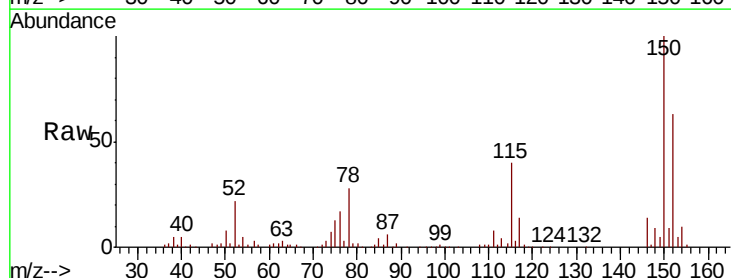
RT: 13.56 min Scan# 1912

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
152	100		
115	63.4	31.9	95.9
150	181.7	0.0	349.4

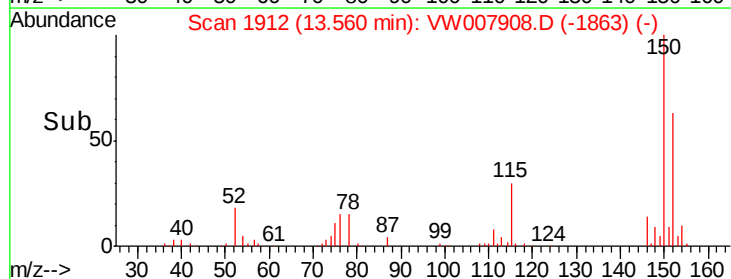
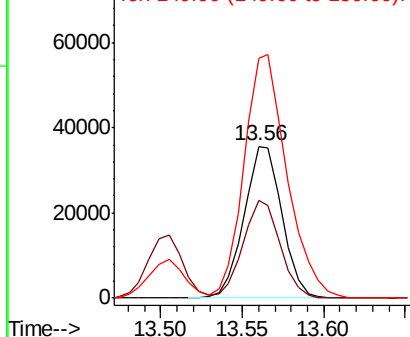


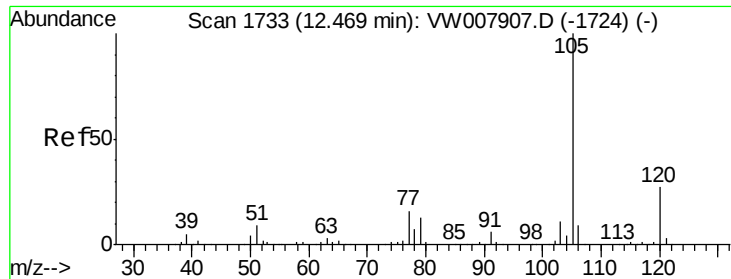
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





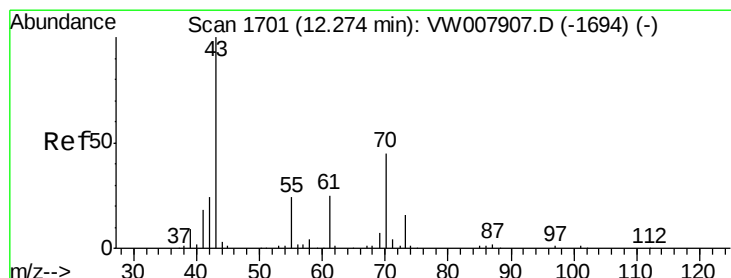
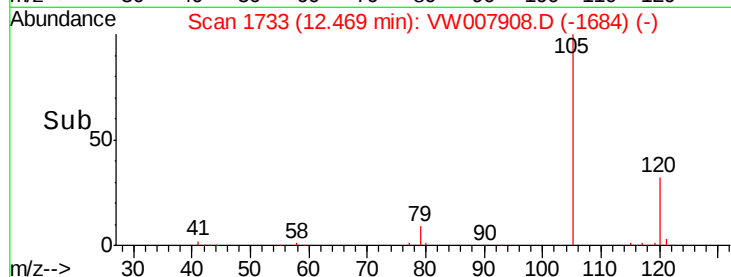
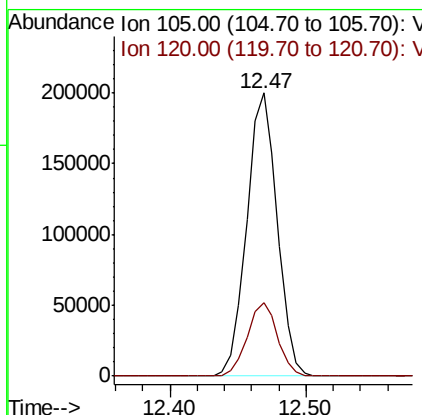
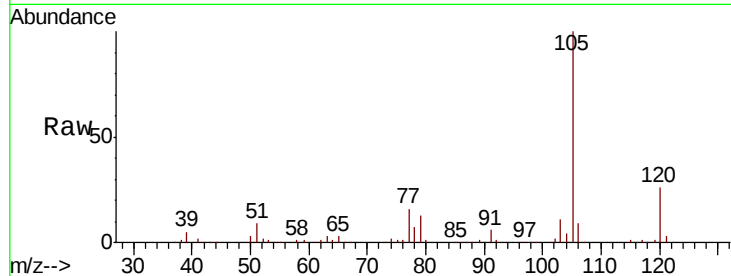
#73
Isopropylbenzene
Concen: 71.684 ug/l
RT: 12.47 min Scan# 1733
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion: 105 Resp: 313456
Ion Ratio Lower Upper
105 100
120 25.8 13.1 39.3

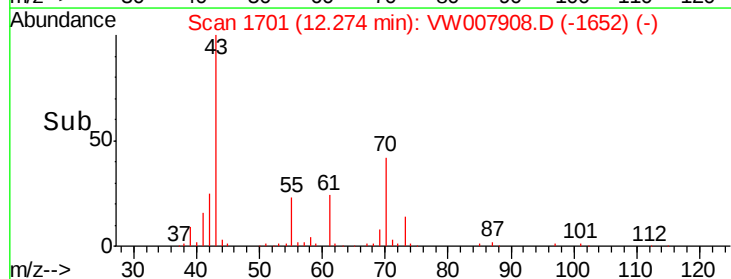
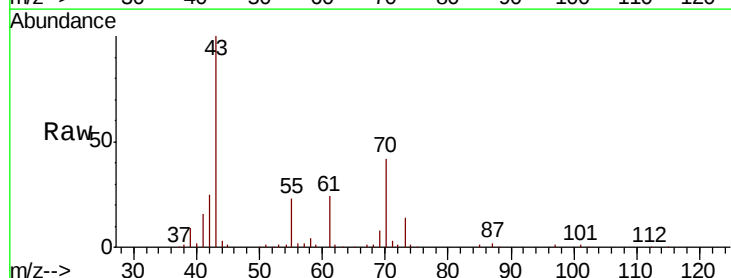
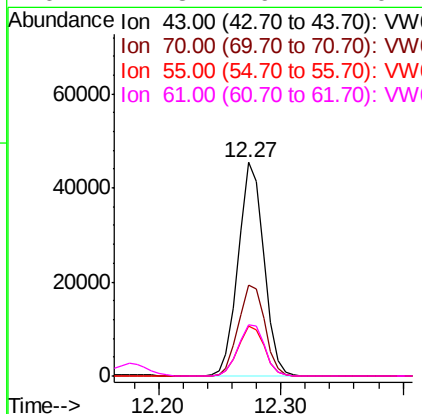
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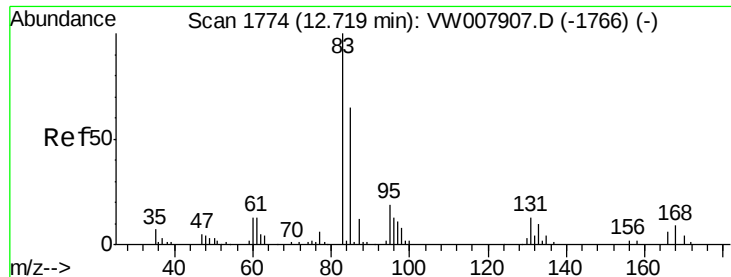
apatel
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#74
N-ethyl acetate
Concen: 83.909 ug/l
RT: 12.27 min Scan# 1701
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion: 43 Resp: 65591
Ion Ratio Lower Upper
43 100
70 43.9 35.4 53.0
55 24.2 19.3 28.9
61 24.8 19.4 29.2





#75

1,1,2,2-Tetrachloroethane

Concen: 76.353 ug/l

RT: 12.72 min Scan# 1774

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

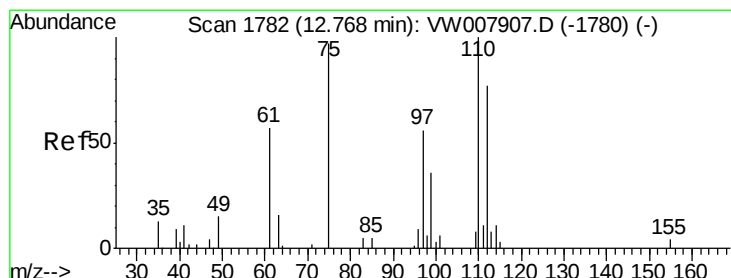
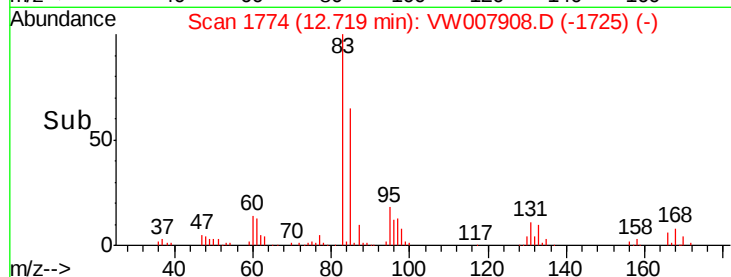
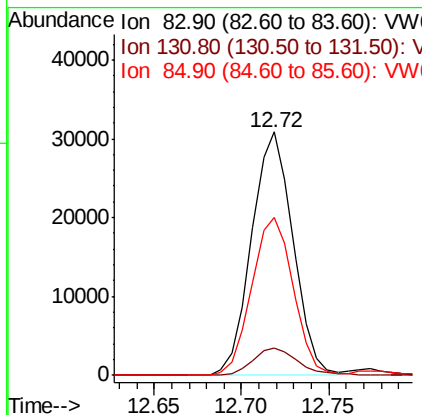
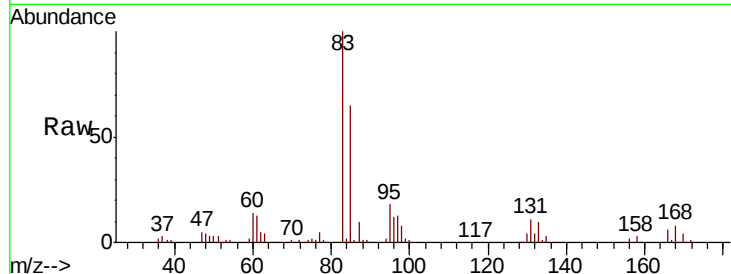
ClientSampleId :

VSTDIC075

Tot Ion:	83	Resp:	50731
Ion Ratio	Lower	Upper	
83	100		
131	12.3	6.2	18.4
85	65.1	32.1	96.3

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 89.028 ug/l m

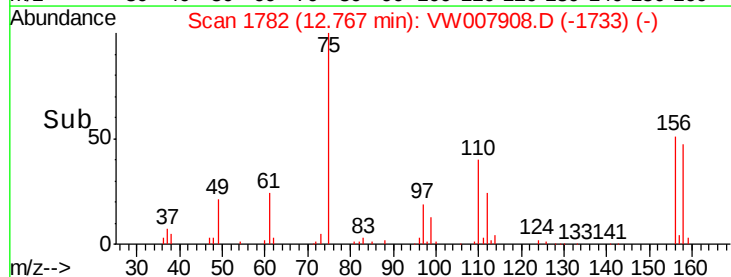
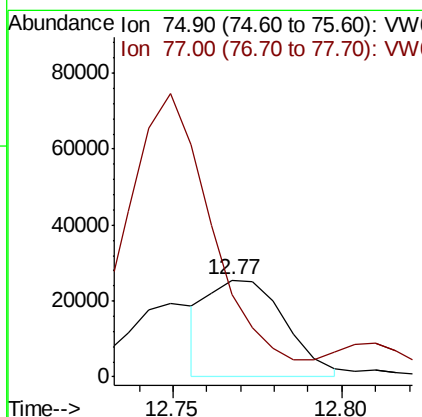
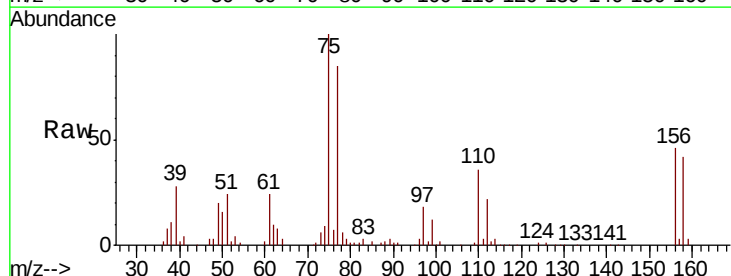
RT: 12.77 min Scan# 1782

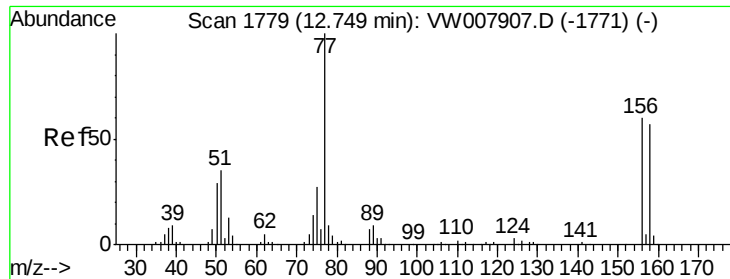
Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Tgt Ion:	75	Resp:	40632
Ion Ratio	Lower	Upper	
75	100		
77	325.6	165.9	497.7





#77

Bromobenzene

Concen: 70.284 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. -0.00 min

Lab File: VW007908.D

Acq: 25 Dec 2018 00:56

Instrument :

MSVOA_W

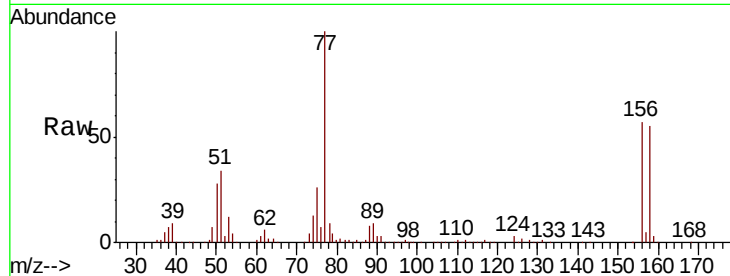
ClientSampleId :

VSTDIC075

Tot Ion:	156	Resp:	70287
Ion	Ratio	Lower	Upper
156	100		
77	188.2	94.0	282.0
158	96.3	48.6	145.8

Manual Integrations
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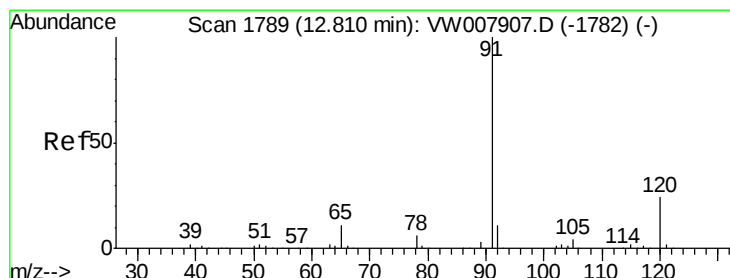
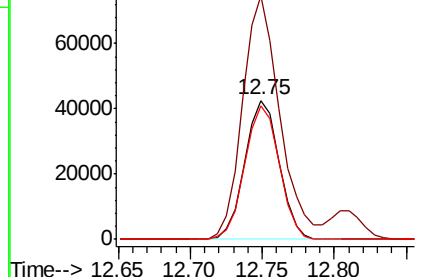
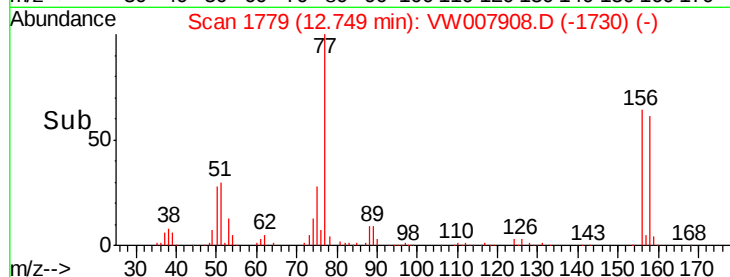
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VW

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 71.891 ug/l

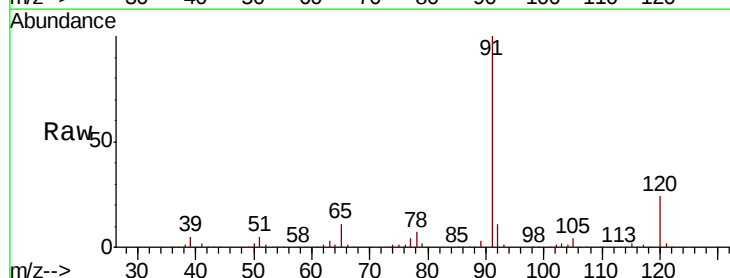
RT: 12.81 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VW007908.D

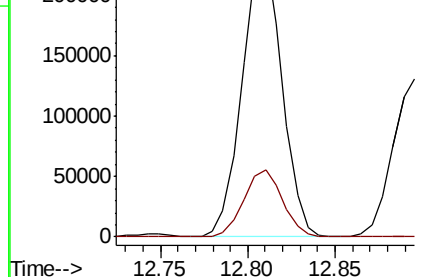
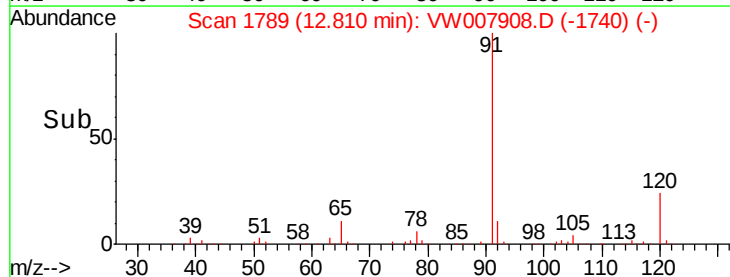
Acq: 25 Dec 2018 00:56

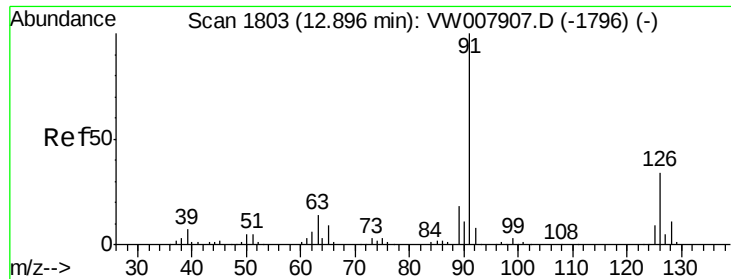
Tgt Ion:	91	Resp:	366158
Ion	Ratio	Lower	Upper
91	100		
120	23.3	11.6	34.8



Abundance Ion 91.00 (90.70 to 91.70): VW

Ion 120.00 (119.70 to 120.70): V





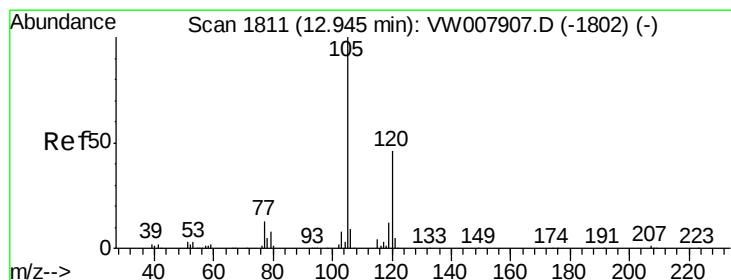
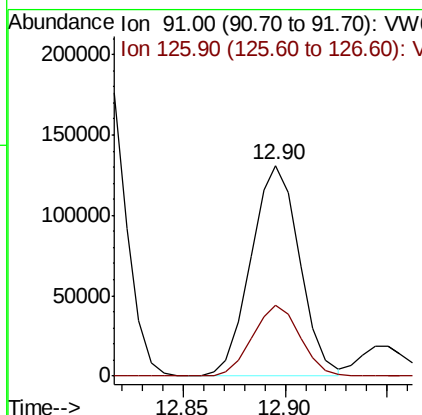
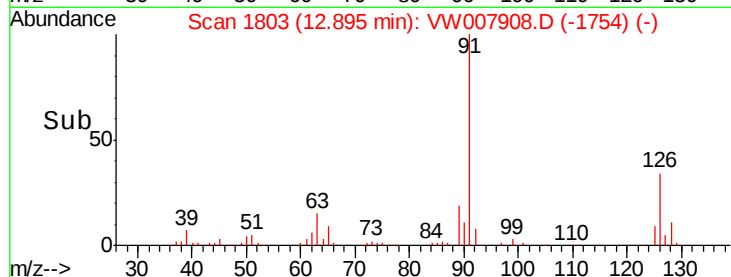
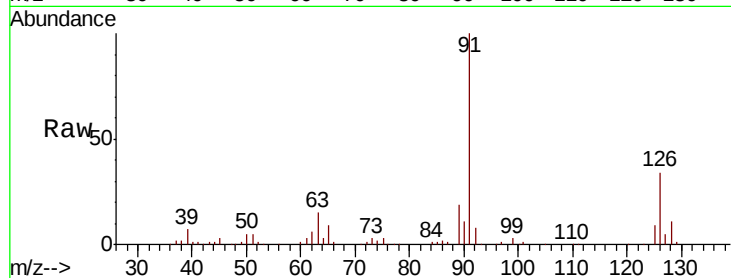
#79
 2-Chlorotoluene
 Concen: 72.613 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion: 91 Resp: 216540
 Ion Ratio Lower Upper
 91 100
 126 33.2 16.6 49.8

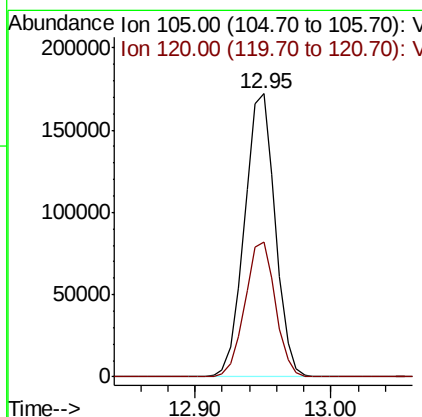
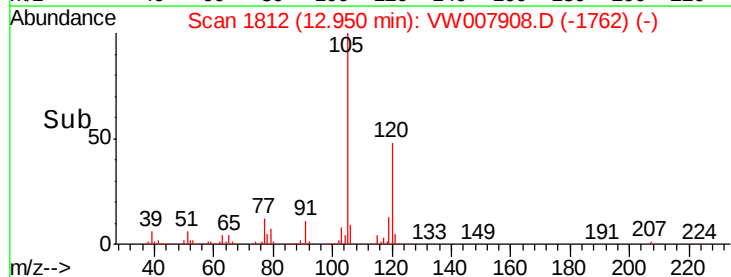
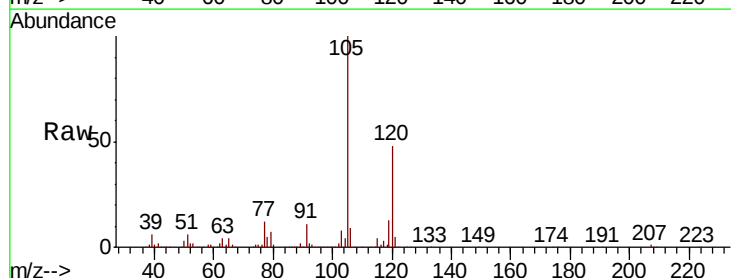
Manual Integrations
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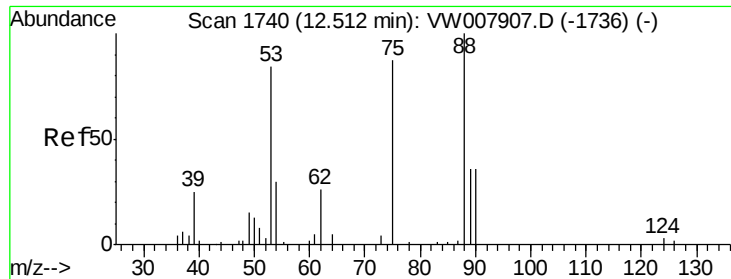
apatel
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#80
 1,3,5-Trimethylbenzene
 Concen: 71.787 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.01 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion: 105 Resp: 270793
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.4 70.0





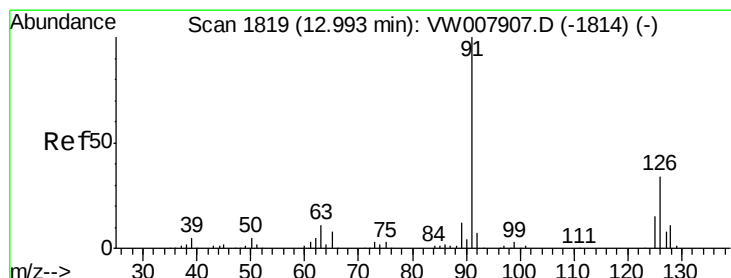
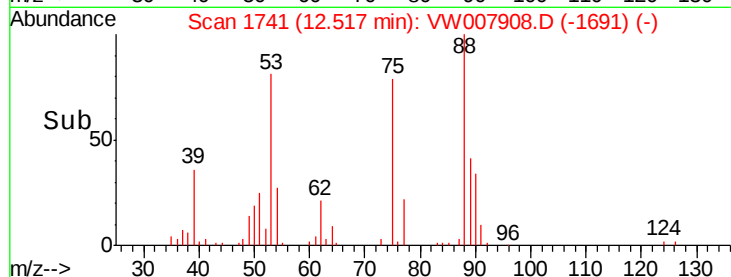
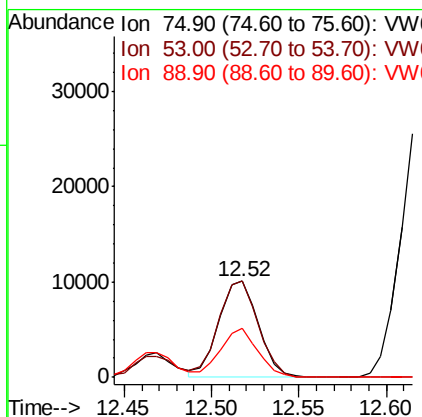
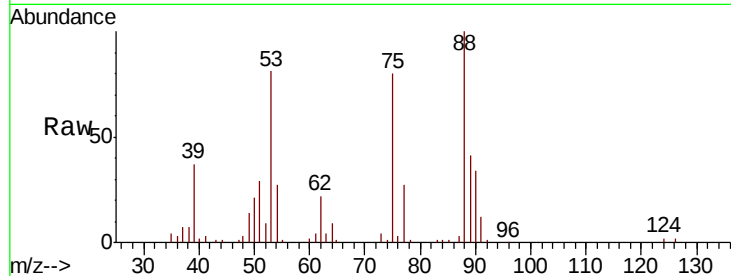
#81
trans-1,4-Dichloro-2-butene
Concen: 74.910 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
75	100		
53	100.5	79.8	119.8
89	48.6	37.1	55.7

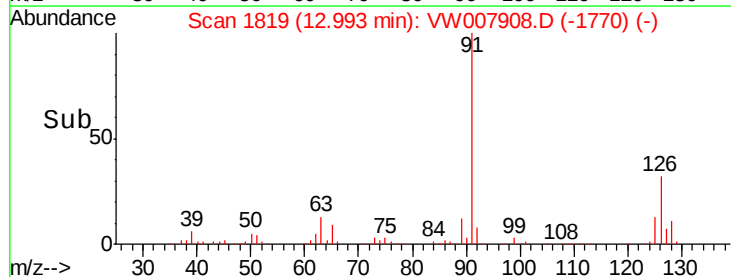
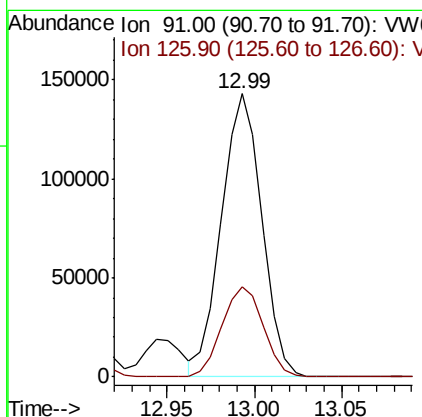
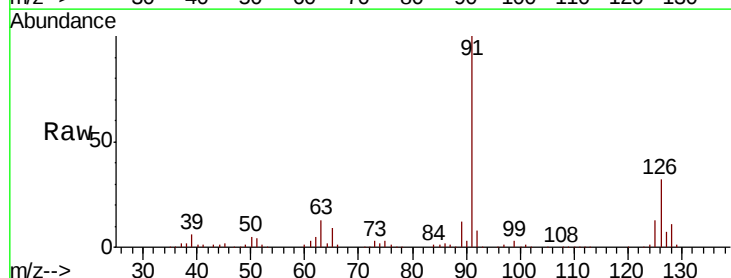
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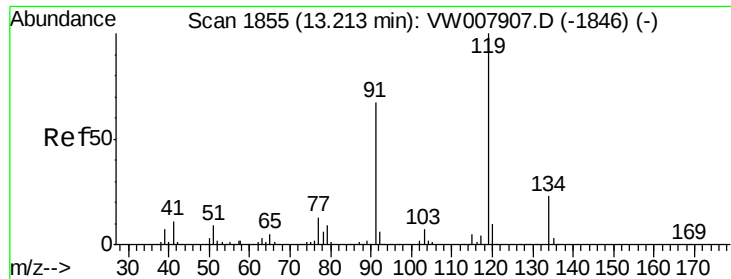
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#82
4-Chlorotoluene
Concen: 72.429 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.5	49.5





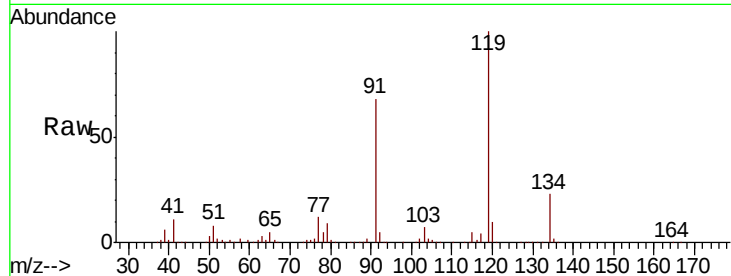
#83
tert-Butylbenzene
Concen: 71.824 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

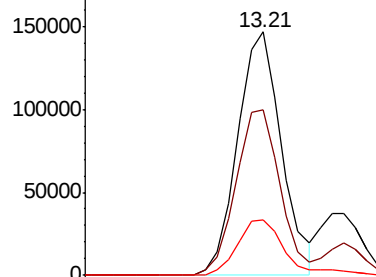
Tot Ion	Ratio	Lower	Upper
119	100		
91	68.3	33.8	101.3
134	25.0	11.7	35.1

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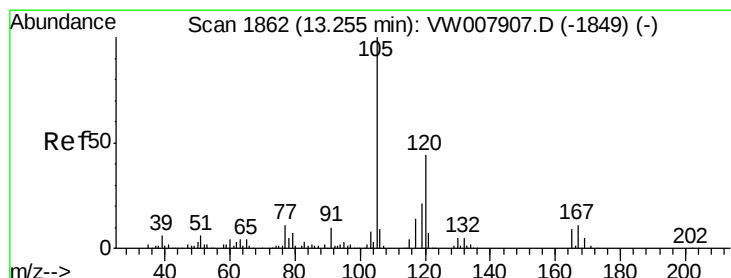
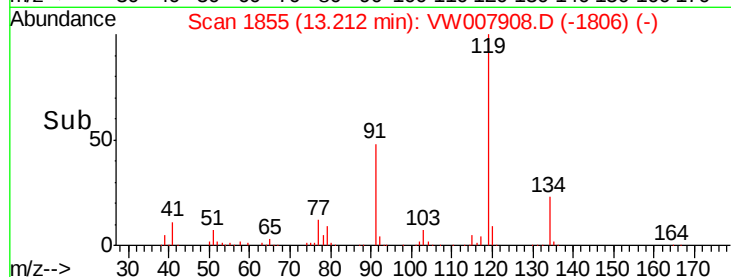
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Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

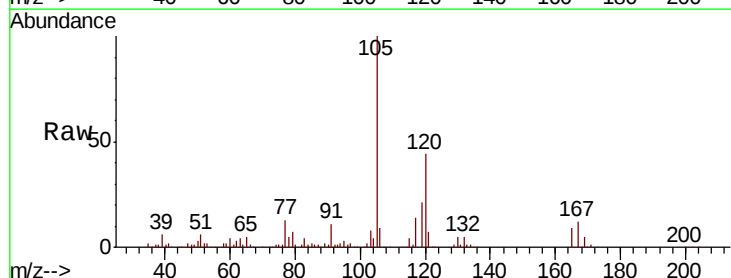


Time-->

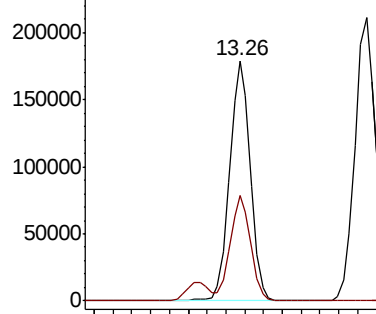


#84
1,2,4-Trimethylbenzene
Concen: 72.712 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

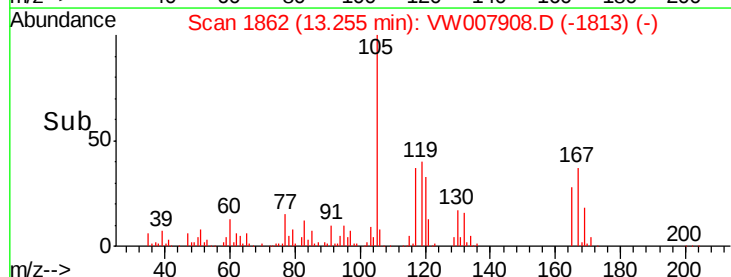
Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.7	22.1	66.5

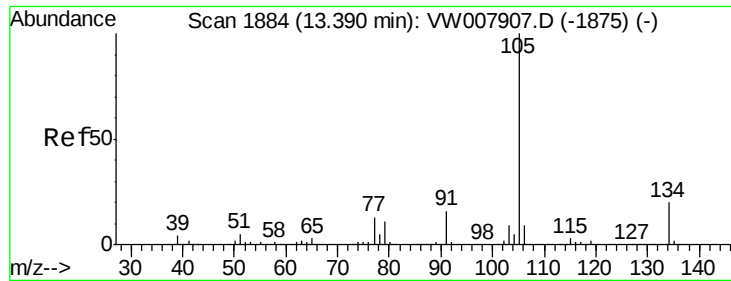


Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V



Time-->





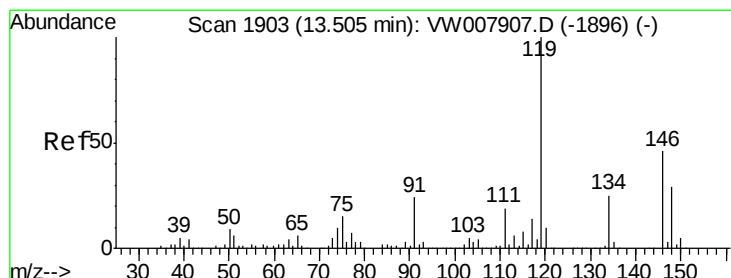
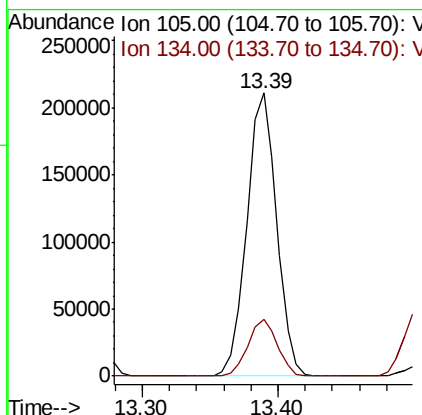
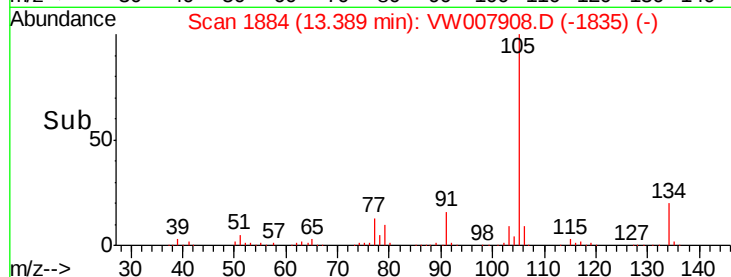
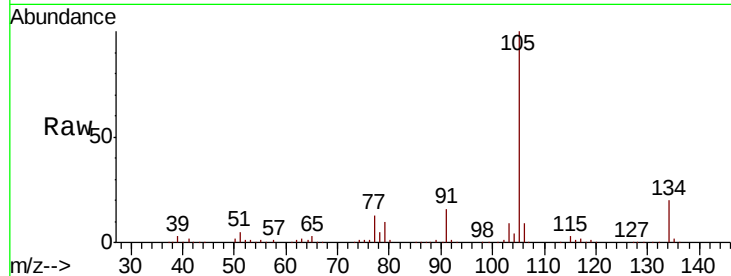
#85
 sec-Butylbenzene
 Concen: 71.192 ug/l
 RT: 13.39 min Scan# 1884
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion:105 Resp: 324308
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.0 29.8

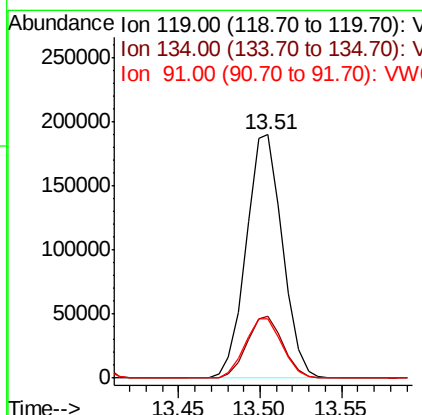
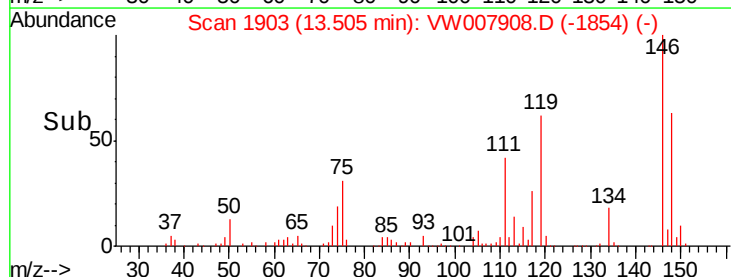
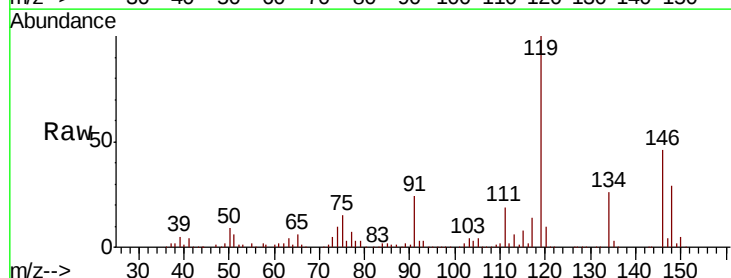
Manual Integrations
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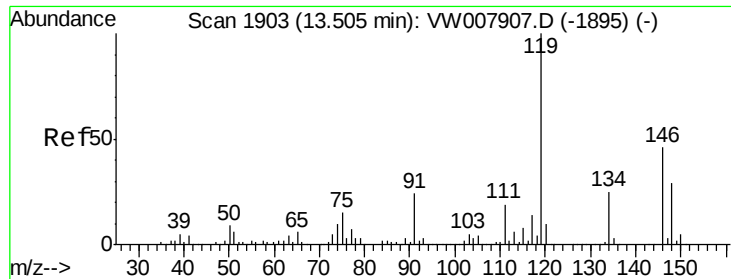
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#86
 p-Isopropyltoluene
 Concen: 70.802 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion:119 Resp: 292714
 Ion Ratio Lower Upper
 119 100
 134 25.4 12.8 38.3
 91 25.1 12.7 38.1





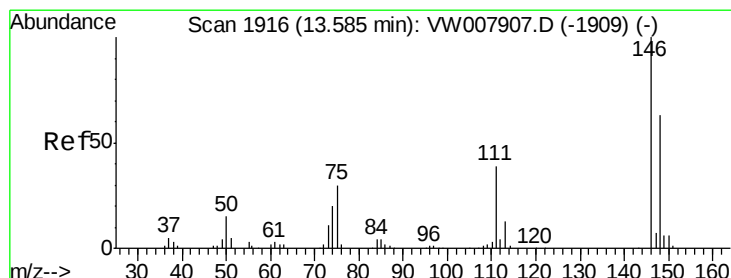
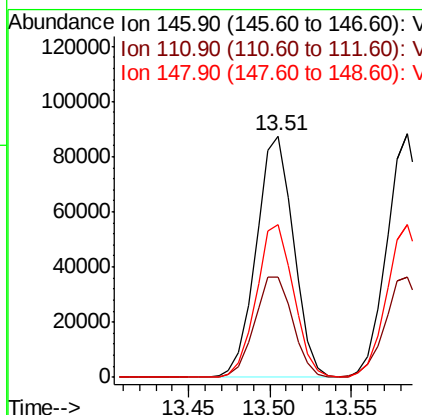
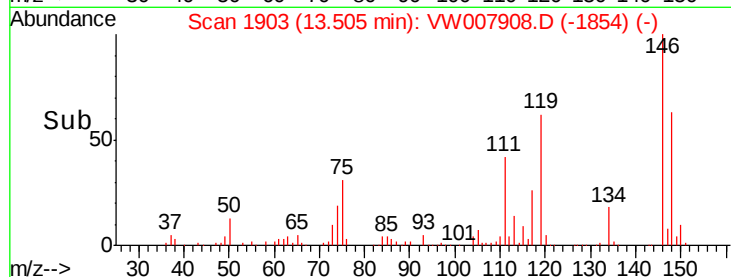
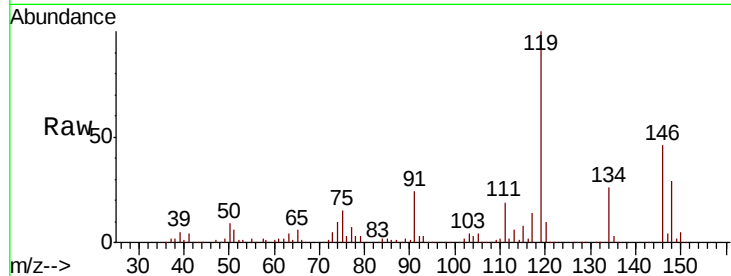
#87
 1,3-Dichlorobenzene
 Concen: 69.941 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	42.7	21.4	64.2
148	63.2	31.6	94.8

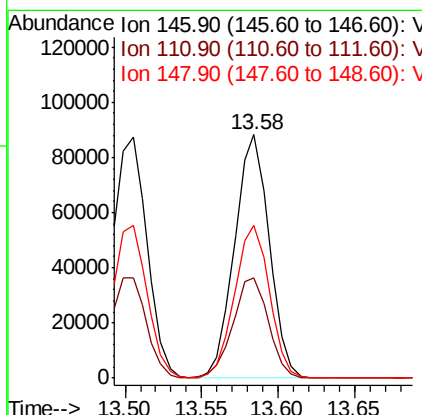
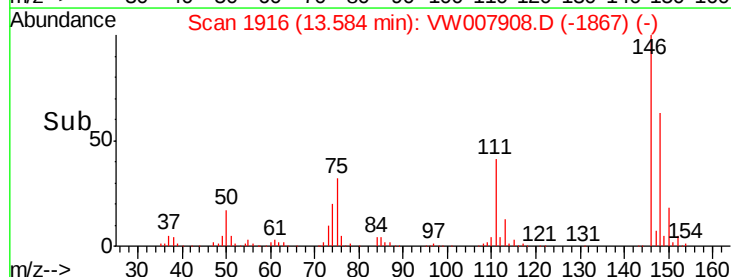
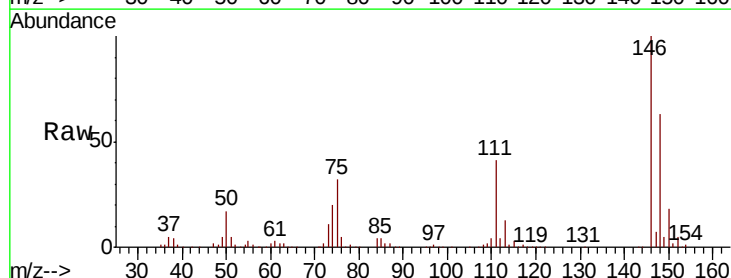
Manual Integrations
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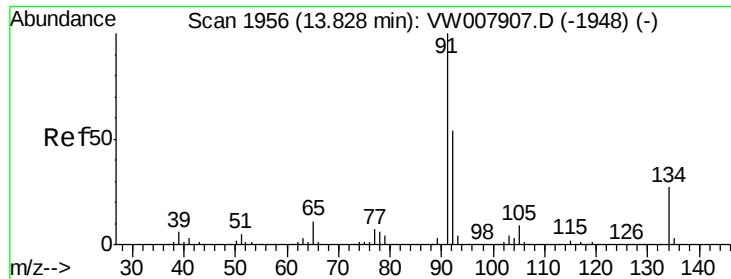
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#88
 1,4-Dichlorobenzene
 Concen: 70.051 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.1	20.8	62.5
148	63.2	31.9	95.5





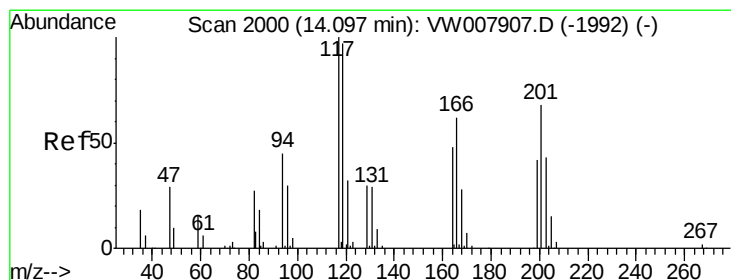
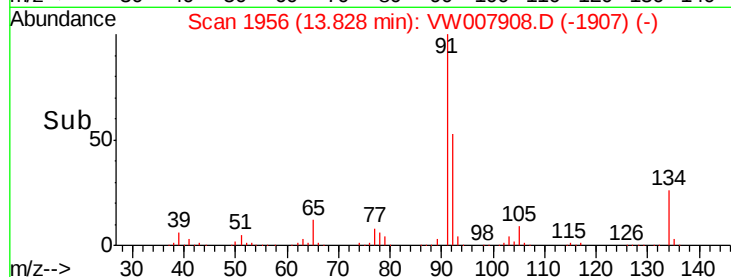
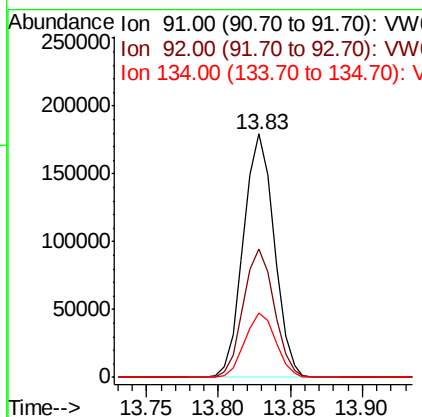
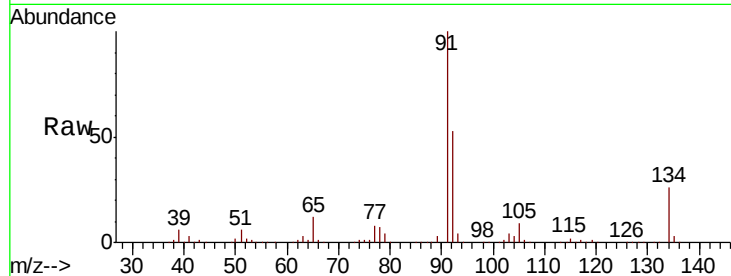
#89
n-Butylbenzene
Concen: 70.257 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	26.4	13.2	39.5

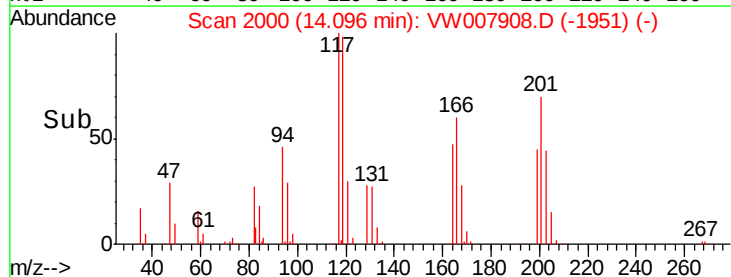
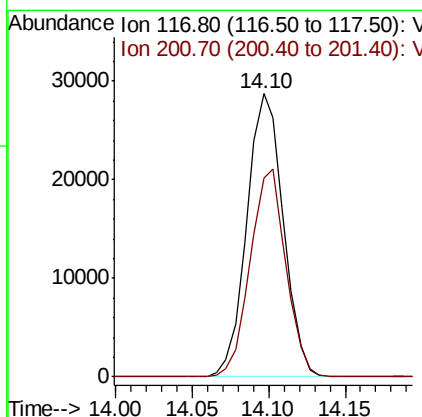
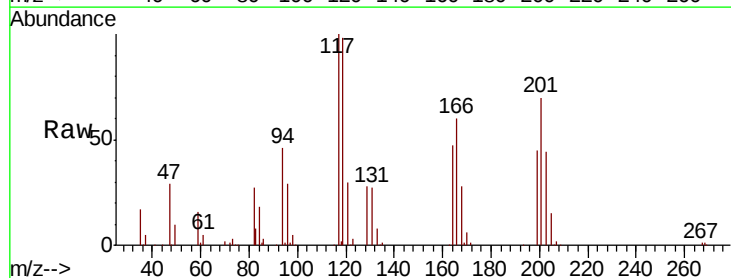
Manual Integrations
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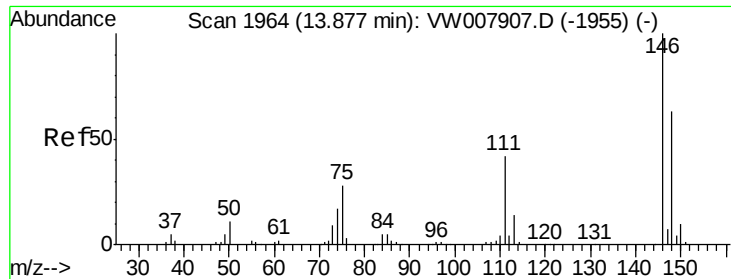
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#90
Hexachloroethane
Concen: 66.475 ug/l
RT: 14.10 min Scan# 2000
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.9	35.0	105.0





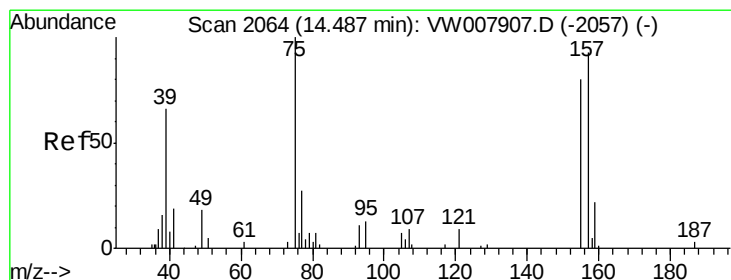
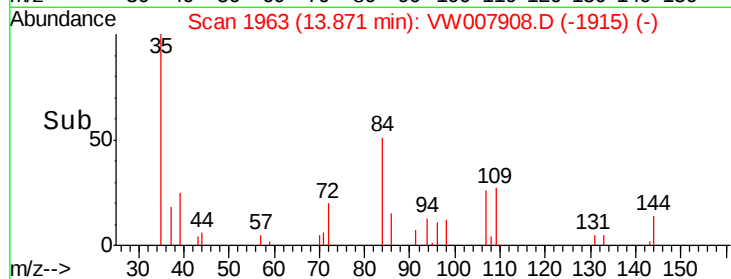
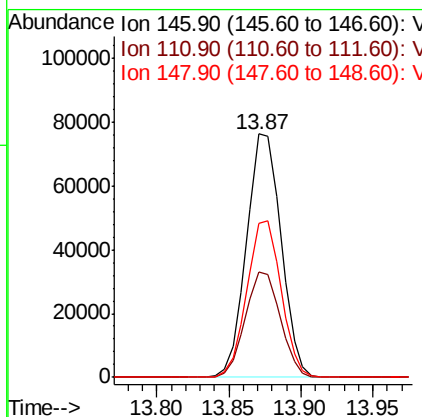
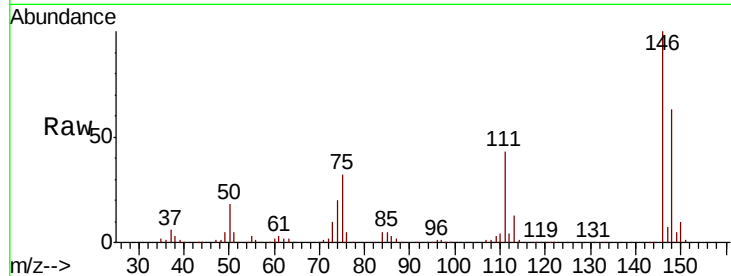
#91
 1,2-Dichlorobenzene
 Concen: 71.080 ug/l
 RT: 13.87 min Scan# 1963
 Delta R.T. -0.01 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTDIC075

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.0	22.0	66.0
148	63.8	31.6	95.0

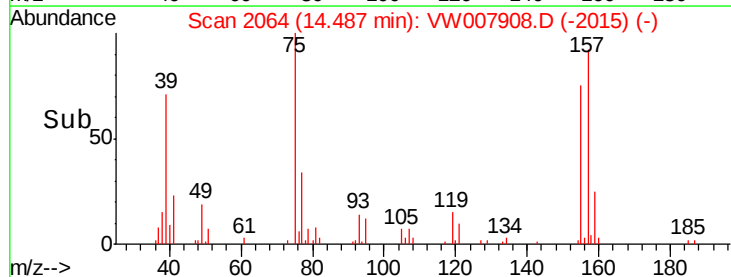
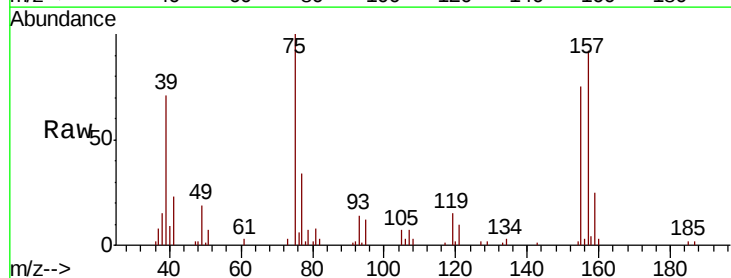
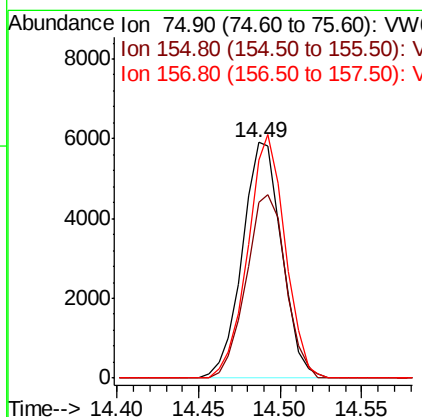
Manual Integrations
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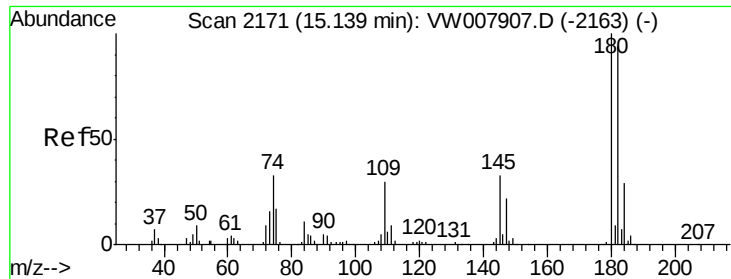
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 73.407 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. -0.00 min
 Lab File: VW007908.D
 Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
75	100		
155	77.8	38.8	116.3
157	97.8	48.1	144.3





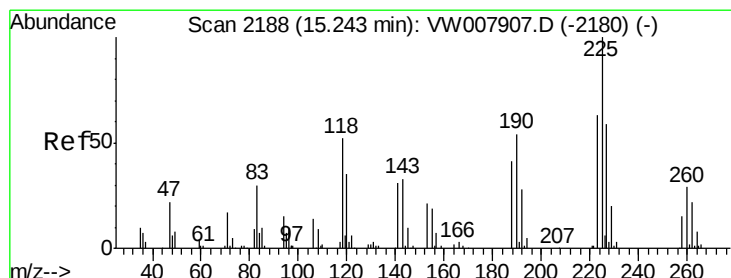
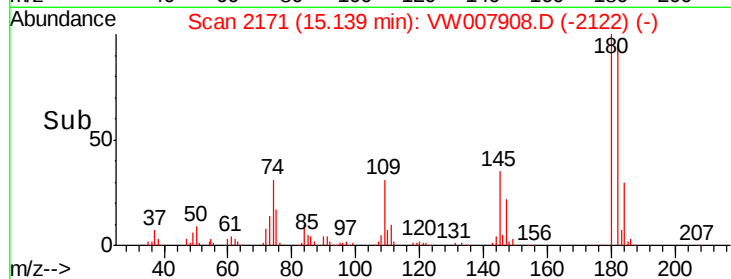
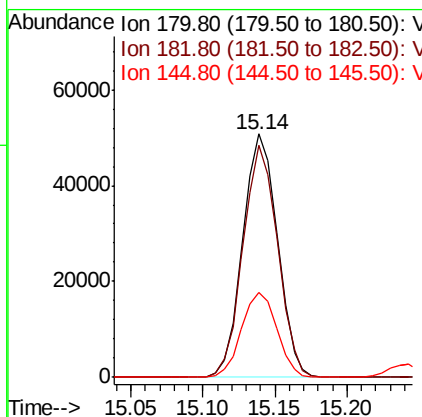
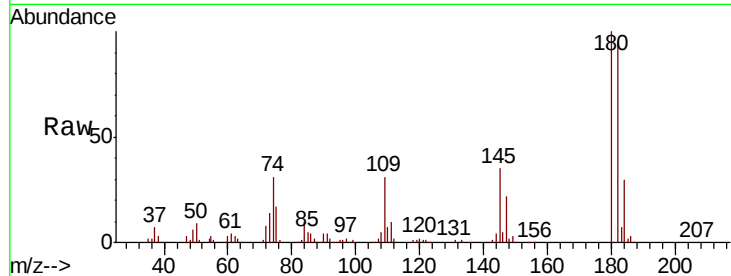
#93
1,2,4-Trichlorobenzene
Concen: 69.049 ug/l
RT: 15.14 min Scan# 2171
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

Tot Ion	Ratio	Lower	Upper
180	100		
182	94.9	47.6	142.9
145	35.4	17.2	51.6

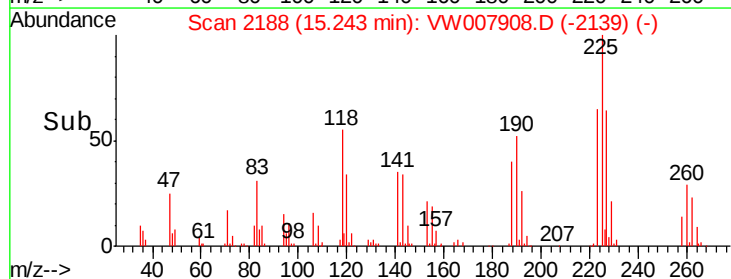
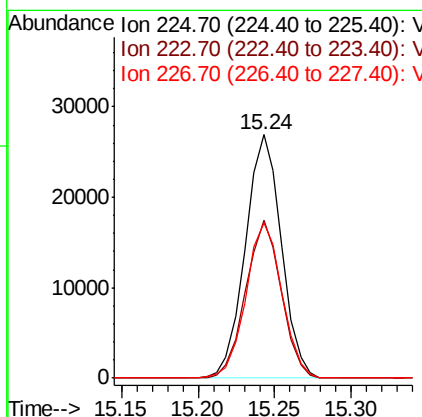
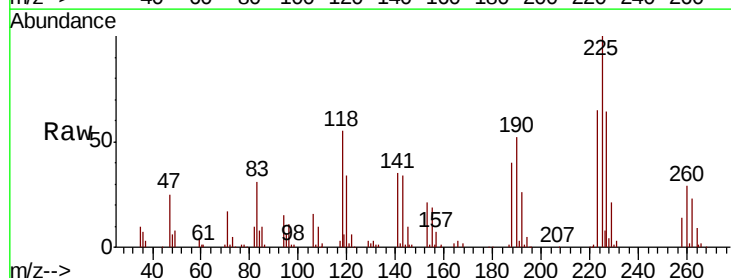
Manual Integrations
APPROVED

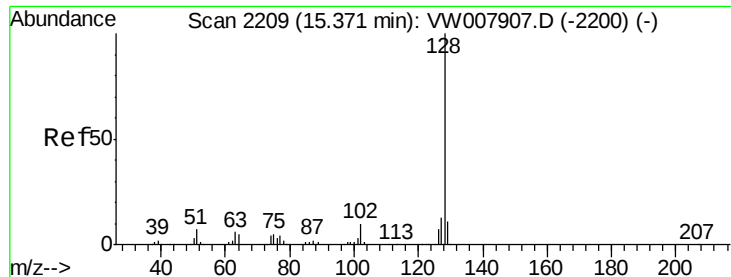
apatel
12/27/2018 11:17:19 AM



#94
Hexachlorobutadiene
Concen: 67.252 ug/l
RT: 15.24 min Scan# 2188
Delta R.T. -0.00 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Lower	Upper
225	100		
223	64.0	31.4	94.0
227	63.5	30.6	91.6





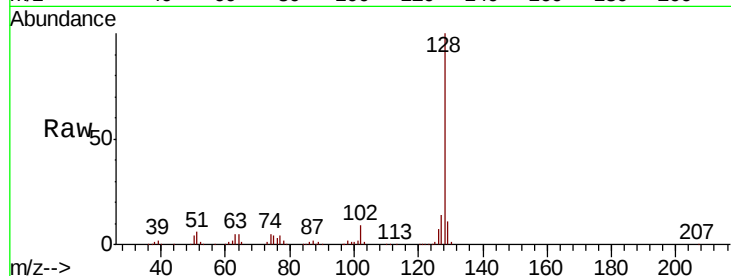
#95
Naphthalene
Concen: 78.386 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Instrument :
MSVOA_W
ClientSampleId :
VSTDIC075

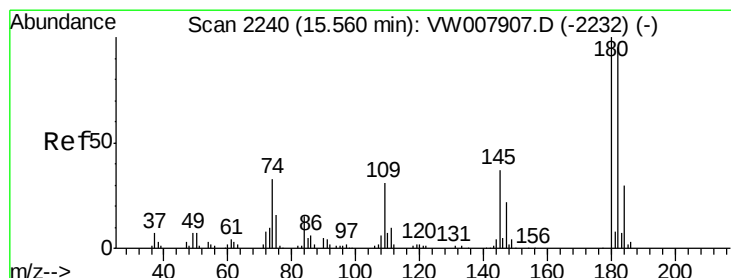
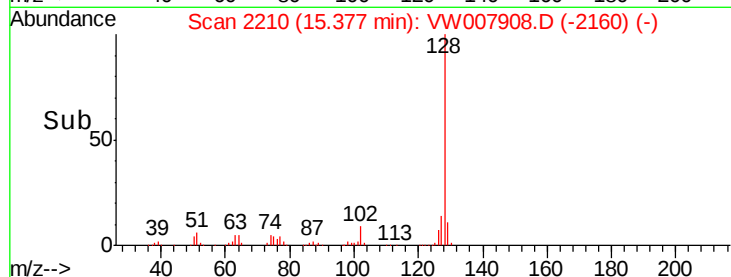
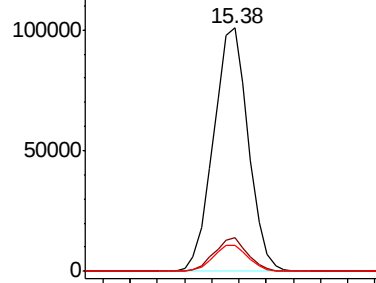
Tot Ion	Ratio	Resp	Lower	Upper
128	100	180557		
127	13.1		10.7	16.1
129	10.8		8.4	12.6

Manual Integrations
APPROVED

apatel
12/27/2018 11:17:19 AM

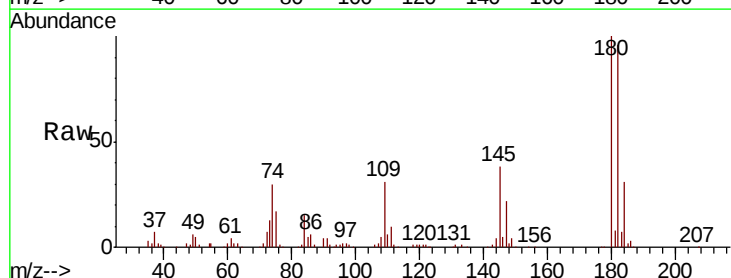


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 71.766 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.01 min
Lab File: VW007908.D
Acq: 25 Dec 2018 00:56

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	75864		
182	94.4		46.6	139.8
145	36.3		18.1	54.1



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

