

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120518\
 Data File : VW007258.D
 Acq On : 06 Dec 2018 04:57
 Operator : SY/AP
 Sample : VW1205SBS02
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Manual Integrations
 APPROVED

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 12/6/2018 3:11:37 PM

Quant Time: Dec 06 07:29:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W120418S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 05 01:35:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	89934	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	148412	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	137422	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	68188	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.31	65	50149	59.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.78%	
35) Dibromofluoromethane	7.88	113	47004	55.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.62%	
50) Toluene-d8	10.33	98	199237	53.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.44%	
62) 4-Bromofluorobenzene	12.62	95	72100	51.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.00	85	20715	21.053	ug/l	98
3) Chloromethane	2.21	50	24940	20.015	ug/l	98
4) Vinyl Chloride	2.36	62	15722	20.152	ug/l	94
5) Bromomethane	2.75	94	10181	26.042	ug/l	89
6) Chloroethane	2.90	64	9103	20.795	ug/l	98
7) Trichlorofluoromethane	3.26	101	31676	20.825	ug/l	100
8) Diethyl Ether	3.68	74	9747	22.989	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	4.06	101	18211	19.819	ug/l	99
10) Methyl Iodide	4.27	142	16514	21.098	ug/l	98
11) Tert butyl alcohol	5.15	59	9898	113.507	ug/l	96
12) 1,1-Dichloroethene	4.04	96	17161	19.929	ug/l	95
13) Acrolein	3.90	56	5948	101.379	ug/l	93
14) Allyl chloride	4.67	41	27722	20.085	ug/l	96
15) Acrylonitrile	5.37	53	19726	111.292	ug/l	100
16) Acetone	4.12	43	16328	82.372	ug/l	97
17) Carbon Disulfide	4.38	76	54049	19.042	ug/l	100
18) Methyl Acetate	4.67	43	10510	23.228	ug/l	98
19) Methyl tert-butyl Ether	5.43	73	46090	22.734	ug/l	99
20) Methylene Chloride	4.92	84	24498	21.576	ug/l	93
21) trans-1,2-Dichloroethene	5.43	96	20460	21.279	ug/l	99
22) Diisopropyl ether	6.32	45	54508	21.999	ug/l	98
23) Vinyl Acetate	6.26	43	145525	107.638	ug/l	98
24) 1,1-Dichloroethane	6.22	63	34777	21.899	ug/l	98
25) 2-Butanone	7.17	43	22581	98.272	ug/l	98
26) 2,2-Dichloropropane	7.17	77	29481	19.317	ug/l	99
27) cis-1,2-Dichloroethene	7.17	96	23215	22.523	ug/l	99
28) Bromochloromethane	7.52	49	13282	23.194	ug/l	100
29) Tetrahydrofuran	7.53	42	14868	104.708	ug/l	99
30) Chloroform	7.68	83	36609	22.181	ug/l	96
31) Cyclohexane	7.95	56	31286	18.829	ug/l	96
32) 1,1,1-Trichloroethane	7.87	97	33769	21.741	ug/l	100
36) 1,1-Dichloropropene	8.09	75	28940	20.041	ug/l	98
37) Ethyl Acetate	7.26	43	10887	20.842	ug/l	97
38) Carbon Tetrachloride	8.07	117	28309	19.207	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.34	83	35055	18.134	ug/l	95
40) Benzene	8.32	78	80819	20.410	ug/l	99
41) Methacrylonitrile	7.48	41	7005	22.389	ug/l	96
42) 1,2-Dichloroethane	8.40	62	24163	21.834	ug/l	99
43) Isopropyl Acetate	8.43	43	20676	20.380	ug/l	99
44) Trichloroethene	9.09	130	22853	20.531	ug/l	98
45) 1,2-Dichloropropane	9.37	63	19574	21.242	ug/l	94
46) Dibromomethane	9.46	93	10546	22.025	ug/l	97
47) Bromodichloromethane	9.65	83	27285	21.663	ug/l	99
48) Methyl methacrylate	9.44	41	10261	19.487	ug/l	95
49) 1,4-Dioxane	9.45	88	3734	446.402	ug/l	93
51) 4-Methyl-2-Pentanone	10.21	43	49955	99.918	ug/l	100
52) Toluene	10.39	92	56867	20.645	ug/l	98
53) t-1,3-Dichloropropene	10.61	75	25192	19.894	ug/l	99
54) cis-1,3-Dichloropropene	10.07	75	30178	20.335	ug/l	98
55) 1,1,2-Trichloroethane	10.79	97	14733	21.631	ug/l	93
56) Ethyl methacrylate	10.65	69	17921	20.171	ug/l	95
57) 1,3-Dichloropropane	10.93	76	24496	21.303	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.93	63	43278	121.275	ug/l	99
59) 2-Hexanone	10.97	43	31800	87.741	ug/l	97
60) Dibromochloromethane	11.13	129	17952	21.445	ug/l	97
61) 1,2-Dibromoethane	11.24	107	13442	20.577	ug/l	100
64) Tetrachloroethene	10.87	164	20749	20.666	ug/l	91
65) Chlorobenzene	11.66	112	62283	20.293	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.73	131	20159	21.268	ug/l	99
67) Ethyl Benzene	11.74	91	108488	19.394	ug/l	98
68) m/p-Xylenes	11.84	106	85814	39.105	ug/l	98
69) o-Xylene	12.17	106	42379	20.670	ug/l	97
70) Styrene	12.18	104	67914	20.235	ug/l	99
71) Bromoform	12.35	173	9642	20.321	ug/l #	97
73) Isopropylbenzene	12.47	105	112076	20.209	ug/l	98
74) N-amyl acetate	12.27	43	19215	19.542	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.71	83	14897	20.683	ug/l	97
76) 1,2,3-Trichloropropane	12.77	75	12328m	23.349	ug/l	
77) Bromobenzene	12.75	156	25594	21.380	ug/l	95
78) n-propylbenzene	12.81	91	131065	19.836	ug/l	95
79) 2-Chlorotoluene	12.90	91	75527	20.242	ug/l	99
80) 1,3,5-Trimethylbenzene	12.95	105	91102	19.202	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.52	75	4614	18.835	ug/l	95
82) 4-Chlorotoluene	12.99	91	82394	20.758	ug/l	95
83) tert-Butylbenzene	13.21	119	83214	20.070	ug/l	97
84) 1,2,4-Trimethylbenzene	13.26	105	94081	19.426	ug/l	99
85) sec-Butylbenzene	13.39	105	113861	19.236	ug/l	98
86) p-Isopropyltoluene	13.51	119	105142	19.954	ug/l	97
87) 1,3-Dichlorobenzene	13.51	146	48732	19.830	ug/l	98
88) 1,4-Dichlorobenzene	13.58	146	48116	19.383	ug/l	97
89) n-Butylbenzene	13.83	91	90168	18.312	ug/l	99
90) Hexachloroethane	14.10	117	16009	19.938	ug/l	98
91) 1,2-Dichlorobenzene	13.88	146	44284	20.815	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.49	75	2926	20.971	ug/l	88

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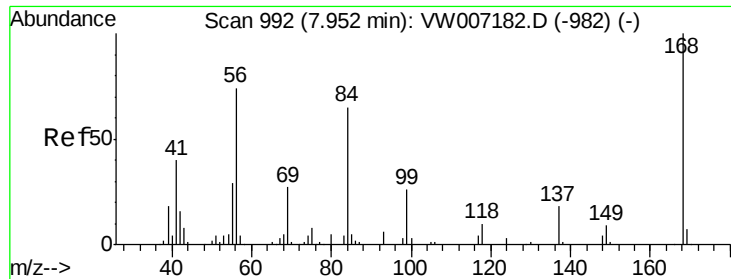
Manual Integrations
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.14	180	27692	18.782	ug/l	98
94) Hexachlorobutadiene	15.24	225	15219	19.142	ug/l	99
95) Naphthalene	15.37	128	50991	19.298	ug/l	99
96) 1,2,3-Trichlorobenzene	15.57	180	23780	19.128	ug/l	97

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

Tgt Ion: 168 Resp: 89934

Ion Ratio Lower Upper

168 100

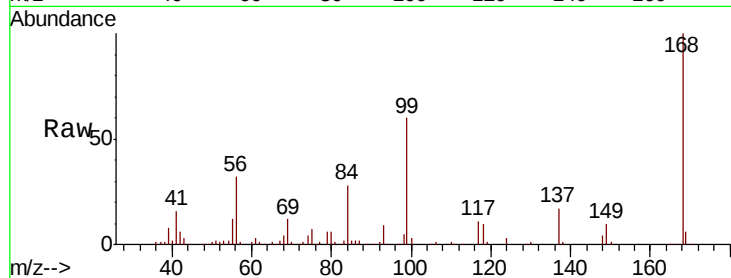
99 60.4 47.8 71.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): VW

Ion 98.90 (98.60 to 99.60): VW

7.95

40000

30000

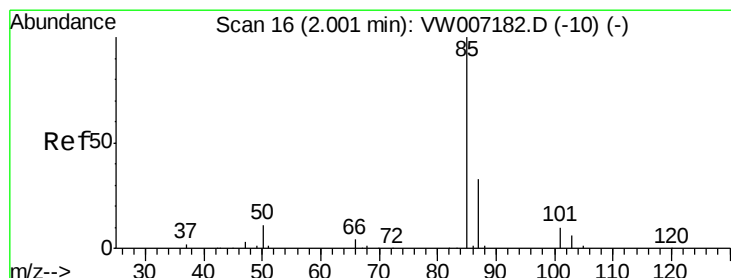
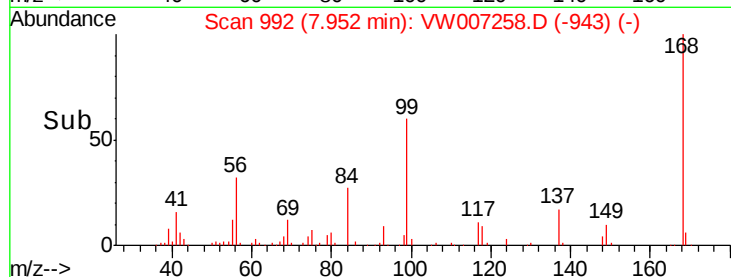
20000

10000

0

7.90 8.00

Time-->



#2

Dichlorodifluoromethane

Concen: 21.053 ug/l

RT: 2.00 min Scan# 15

Delta R.T. -0.01 min

Lab File: VW007258.D

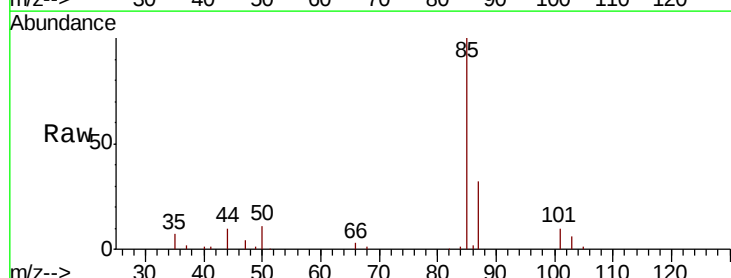
Acq: 06 Dec 2018 04:57

Tgt Ion: 85 Resp: 20715

Ion Ratio Lower Upper

85 100

87 31.9 16.5 49.5



Abundance Ion 84.90 (84.60 to 85.60): VW

Ion 86.90 (86.60 to 87.60): VW

2.00

15000

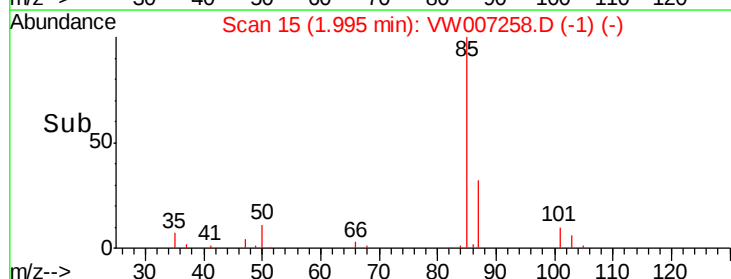
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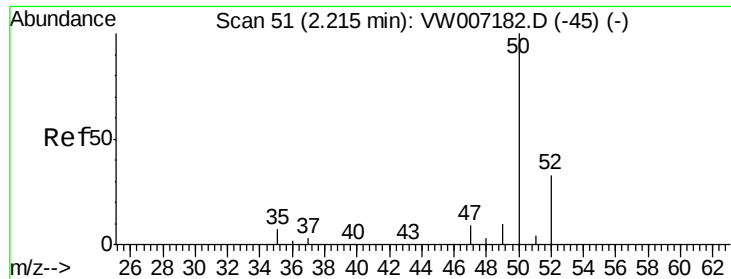
5000

0

1.95 2.00 2.05 2.10

Time-->





#3

Chloromethane

Concen: 20.015 ug/l

RT: 2.21 min Scan# 51

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

Tgt Ion: 50 Resp: 24940

Ion Ratio Lower Upper

50 100

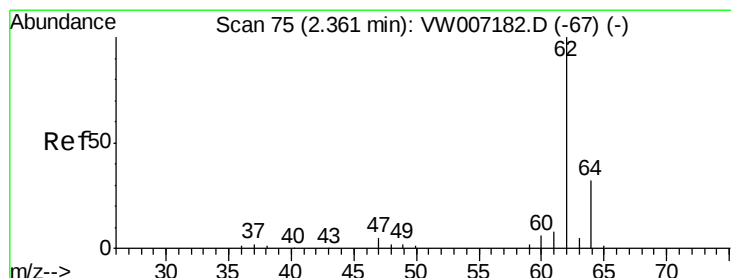
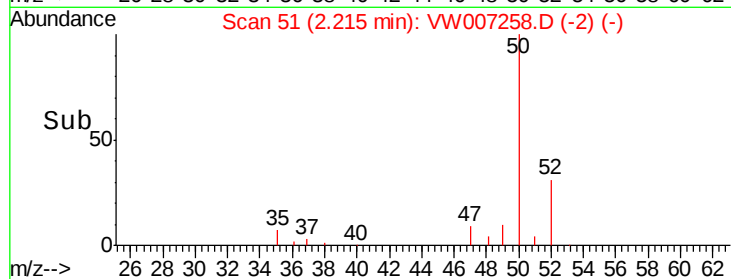
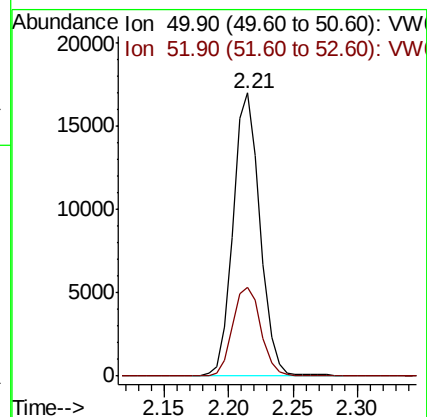
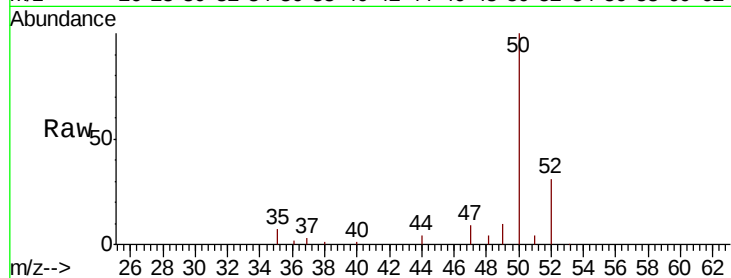
52 31.4 26.2 39.2

Manual Integrations

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#4

Vinyl Chloride

Concen: 20.152 ug/l

RT: 2.36 min Scan# 74

Delta R.T. -0.01 min

Lab File: VW007258.D

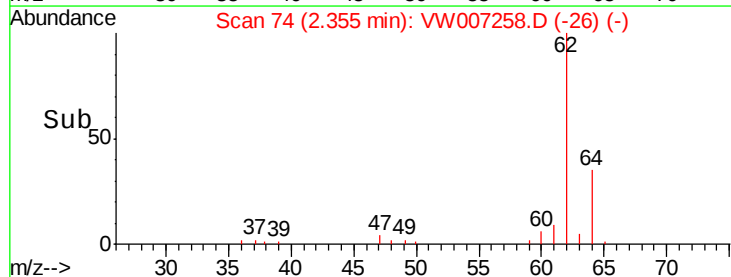
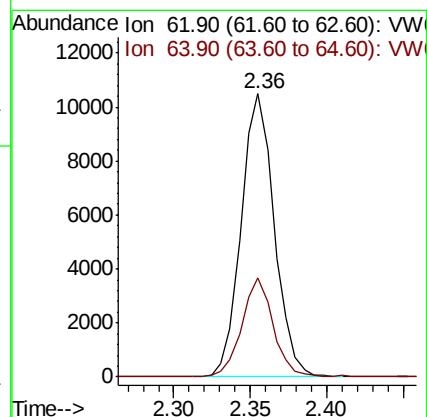
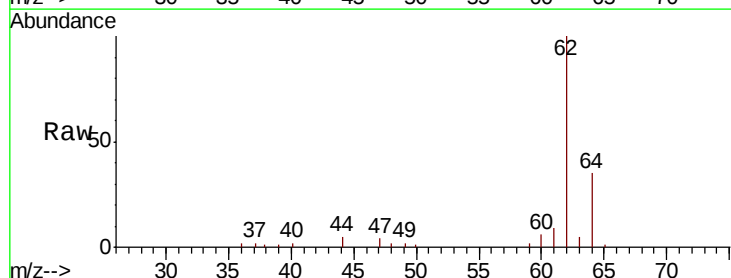
Acq: 06 Dec 2018 04:57

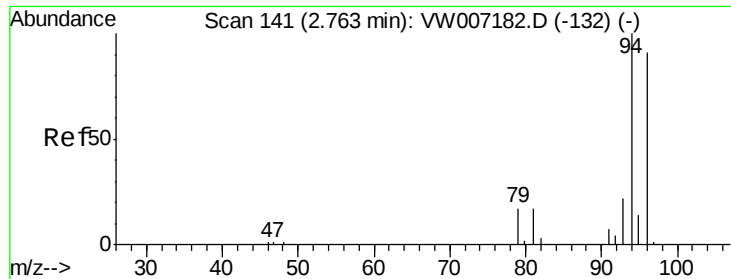
Tgt Ion: 62 Resp: 15722

Ion Ratio Lower Upper

62 100

64 35.2 25.3 37.9





#5

Bromomethane

Concen: 26.042 ug/l

RT: 2.75 min Scan# 138

Delta R.T. -0.02 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

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VW1205SBSD02

Tgt Ion: 94 Resp: 10181

Ion Ratio Lower Upper

94 100

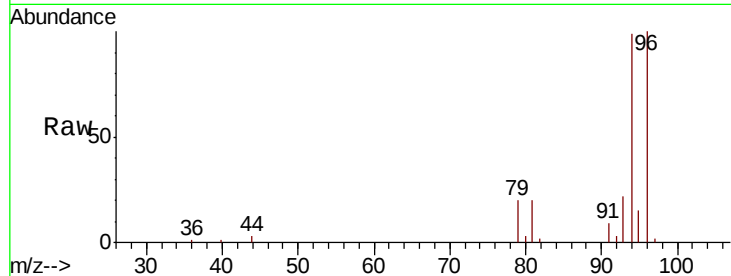
96 101.4 72.8 109.2

Manual Integrations

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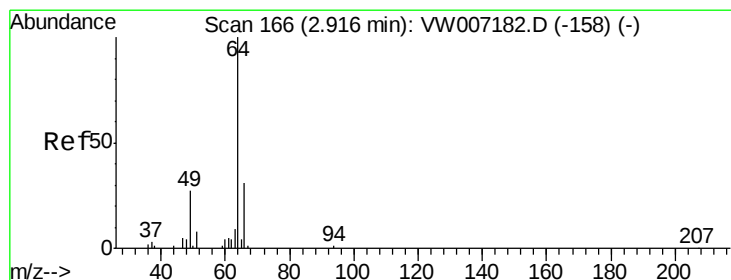
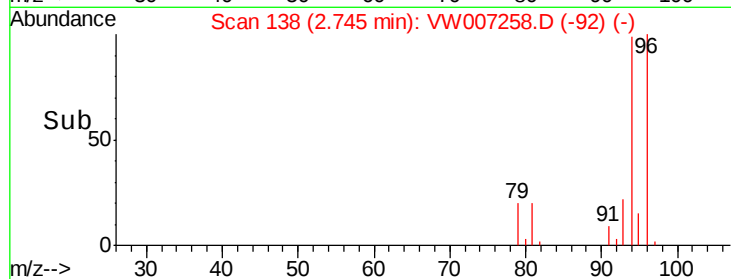
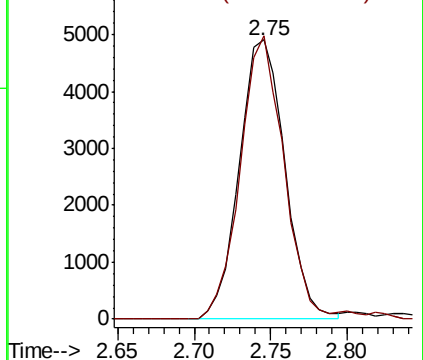
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Abundance Ion 93.90 (93.60 to 94.60): VW

Ion 95.90 (95.60 to 96.60): VW



#6

Chloroethane

Concen: 20.795 ug/l

RT: 2.90 min Scan# 164

Delta R.T. -0.01 min

Lab File: VW007258.D

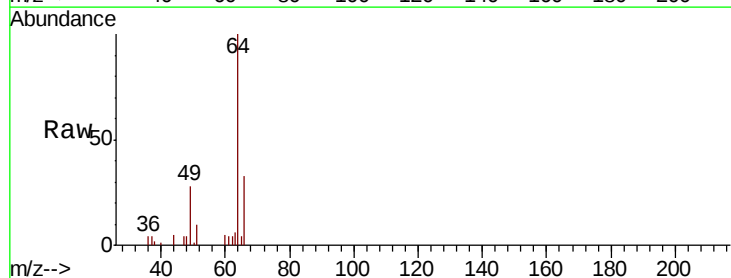
Acq: 06 Dec 2018 04:57

Tgt Ion: 64 Resp: 9103

Ion Ratio Lower Upper

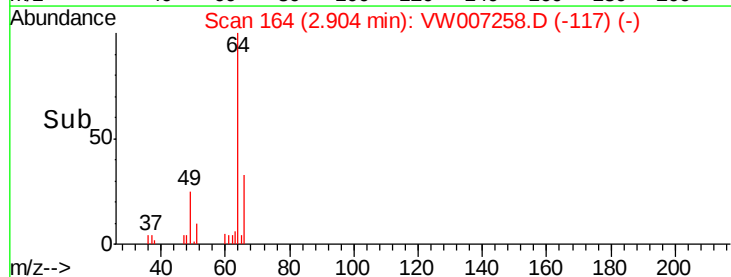
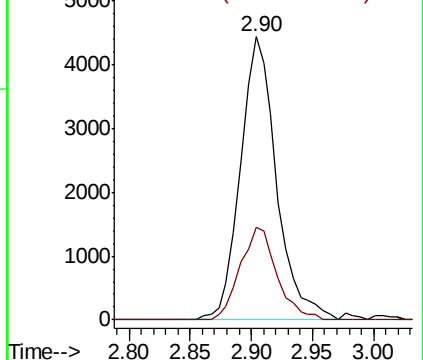
64 100

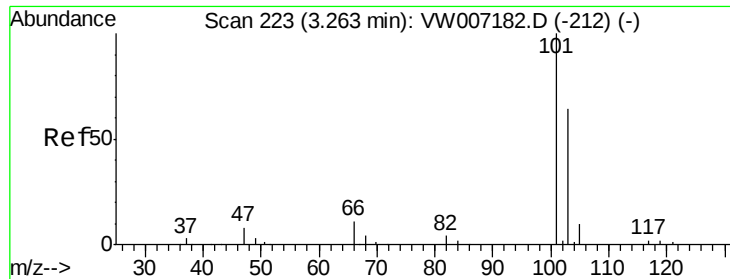
66 32.7 25.0 37.6



Abundance Ion 63.90 (63.60 to 64.60): VW

Ion 65.90 (65.60 to 66.60): VW





#7

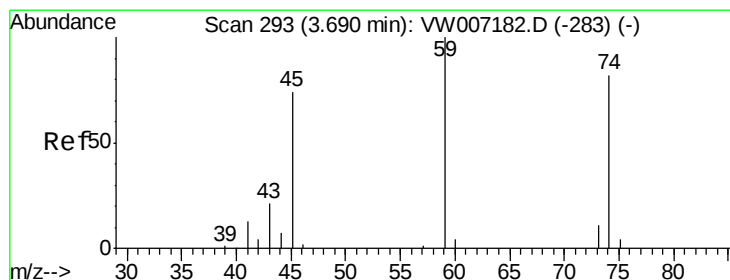
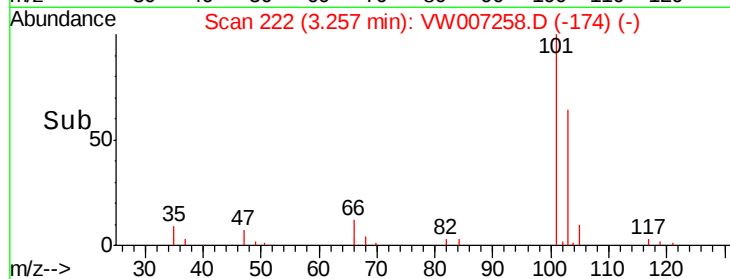
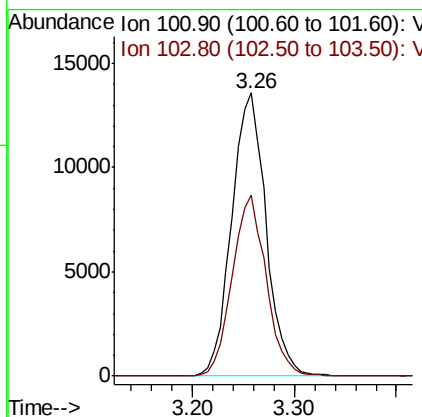
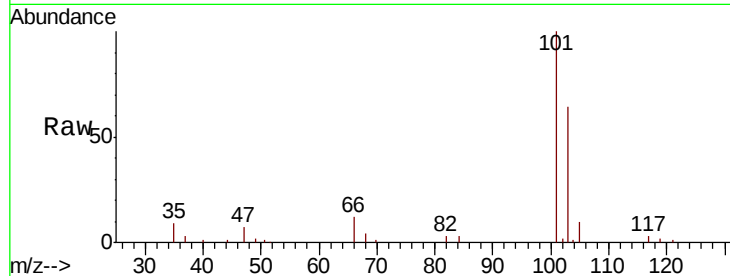
Trichlorofluoromethane
 Concen: 20.825 ug/l
 RT: 3.26 min Scan# 222
 Delta R.T. -0.01 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

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Tgt Ion	Ratio	Lower	Upper
101	100		
103	63.8	50.9	76.3

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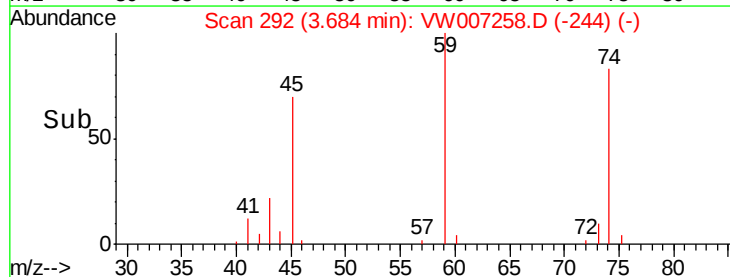
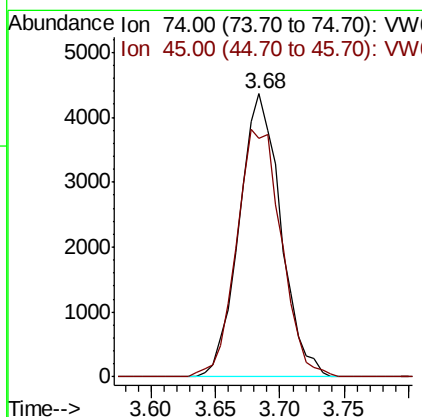
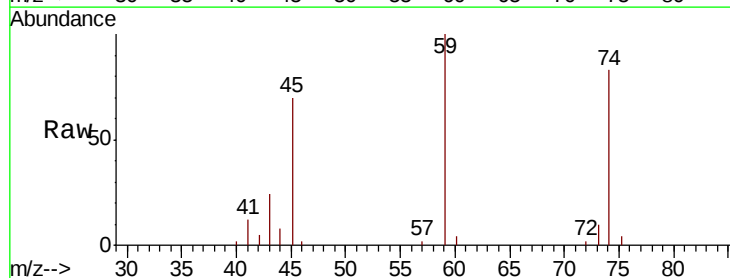
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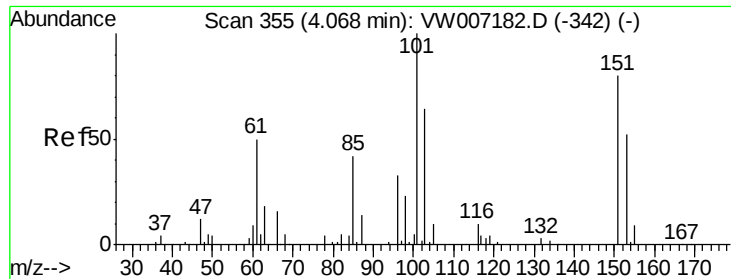


#8

Diethyl Ether
 Concen: 22.989 ug/l
 RT: 3.68 min Scan# 292
 Delta R.T. -0.01 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.2	47.2	141.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.819 ug/l

RT: 4.06 min Scan# 354

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

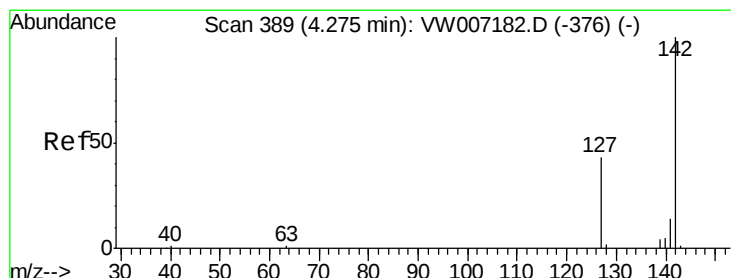
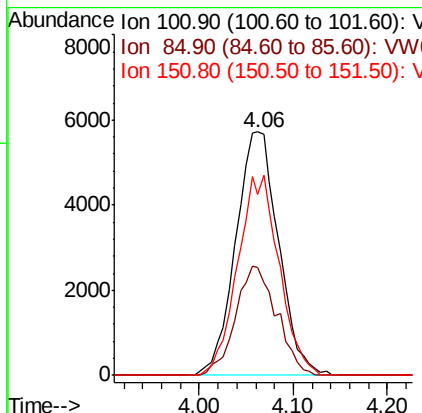
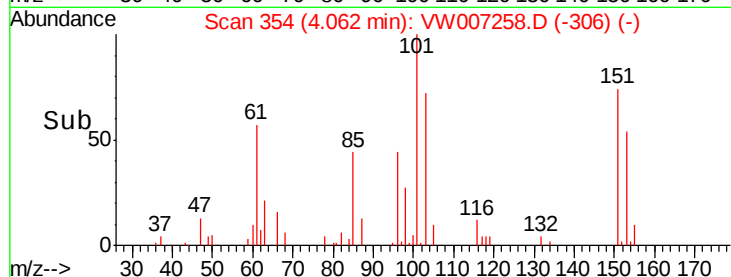
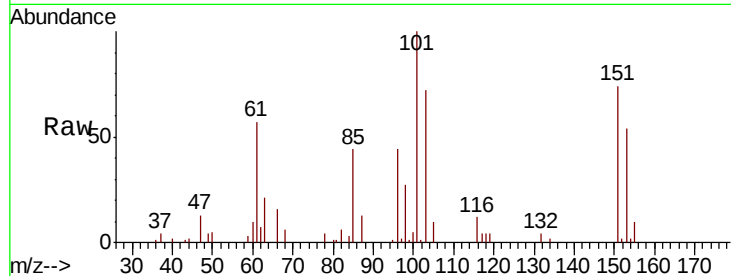
ClientSampleId :

VW1205SBS02

Tgt Ion:	101	Resp:	18211
Ion Ratio	Lower	Upper	
101	100		
85	43.1	33.4	50.2
151	79.5	63.9	95.9

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#10

Methyl Iodide

Concen: 21.098 ug/l

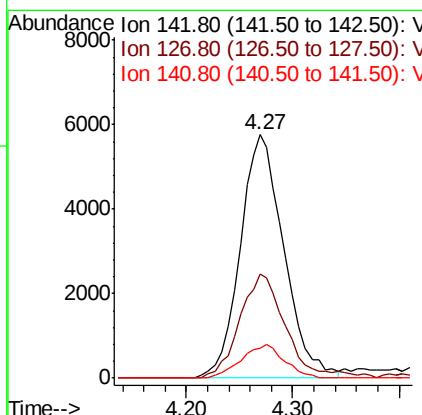
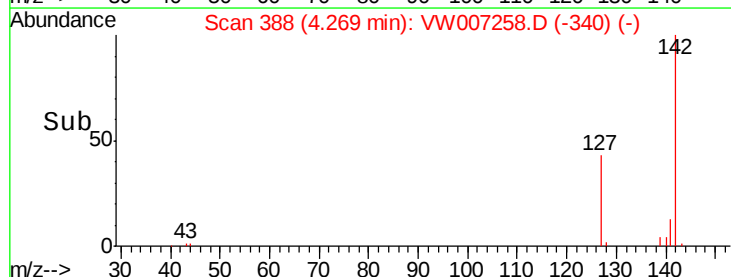
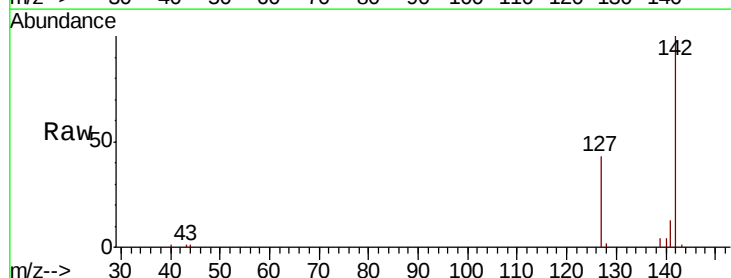
RT: 4.27 min Scan# 388

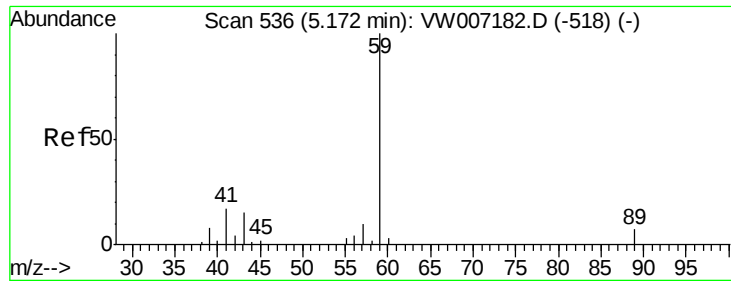
Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Tgt Ion:	142	Resp:	16514
Ion Ratio	Lower	Upper	
142	100		
127	45.0	34.9	52.3
141	13.6	11.7	17.5





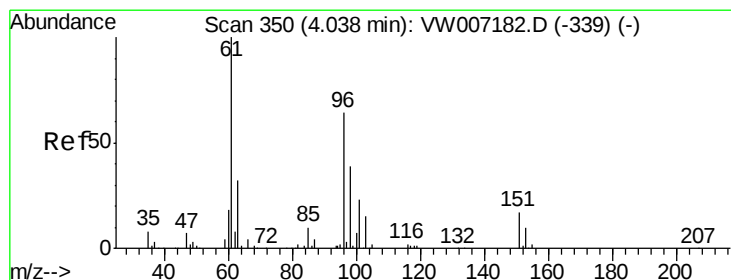
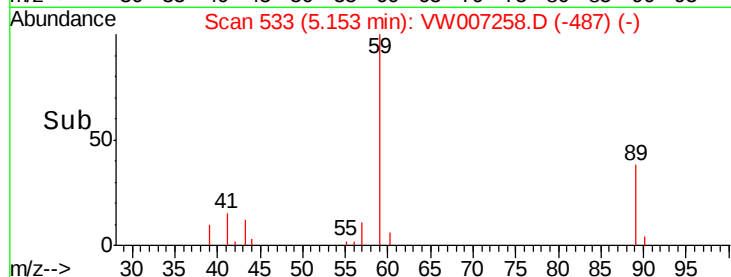
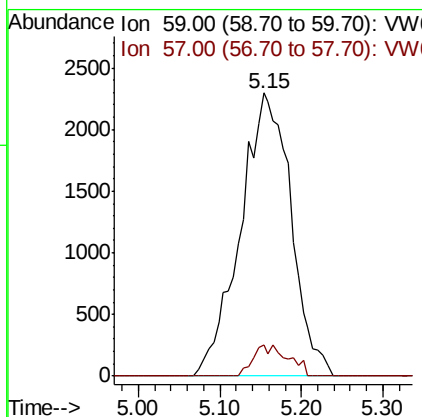
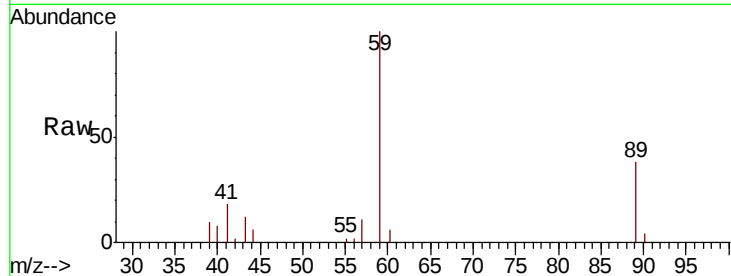
#11
Tert butyl alcohol
Concen: 113.507 ug/l
RT: 5.15 min Scan# 533
Delta R.T. -0.02 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion: 59 Resp: 9898
Ion Ratio Lower Upper
59 100
57 7.6 7.1 10.7

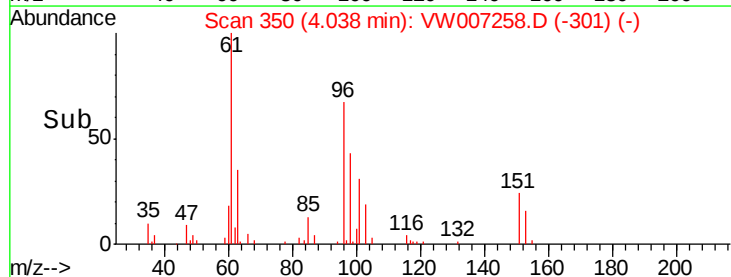
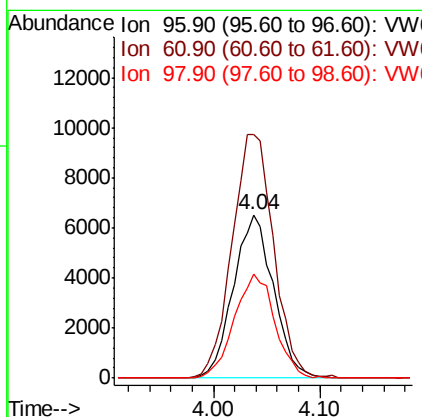
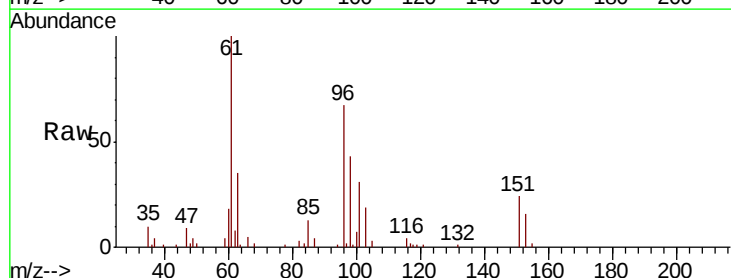
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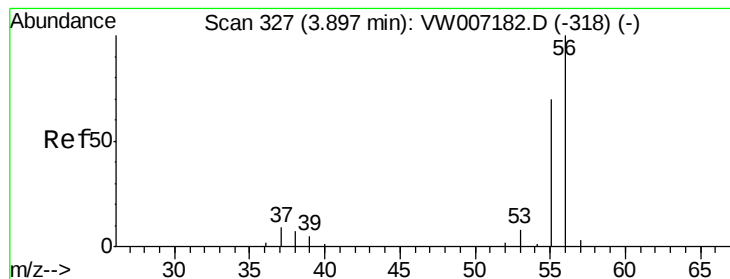
apatel
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#12
1,1-Dichloroethene
Concen: 19.929 ug/l
RT: 4.04 min Scan# 350
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 96 Resp: 17161
Ion Ratio Lower Upper
96 100
61 149.0 124.1 186.1
98 64.0 48.6 72.8





#13

Acrolein

Concen: 101.379 ug/l

RT: 3.90 min Scan# 327

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

Tgt Ion: 56 Resp: 5948

Ion Ratio Lower Upper

56 100

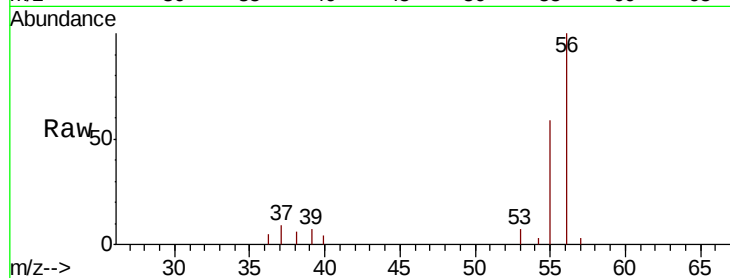
55 65.1 56.9 85.3

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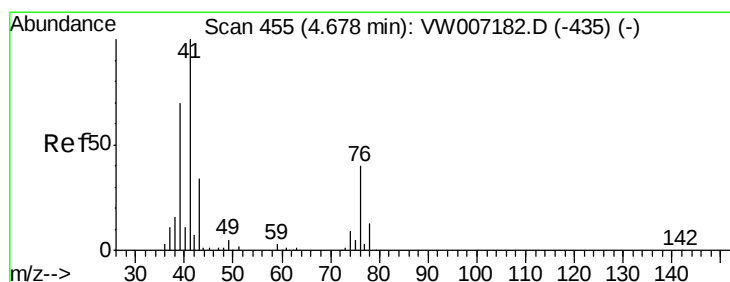
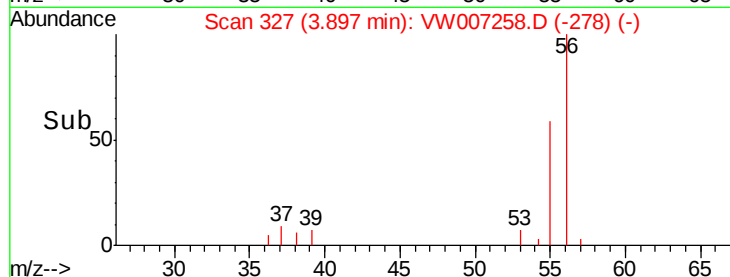
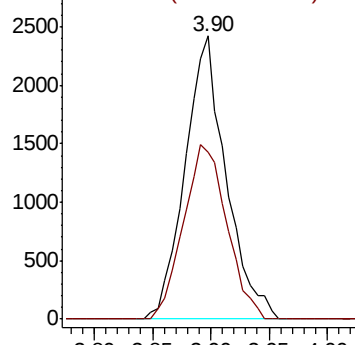
apatel

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Abundance Ion 56.00 (55.70 to 56.70): VW

Ion 55.00 (54.70 to 55.70): VW



#14

Allyl chloride

Concen: 20.085 ug/l

RT: 4.67 min Scan# 454

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

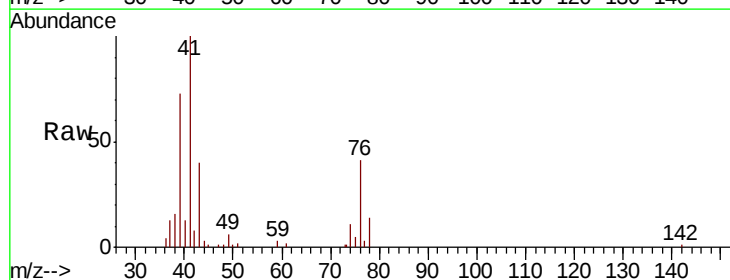
Tgt Ion: 41 Resp: 27722

Ion Ratio Lower Upper

41 100

39 74.3 55.9 83.9

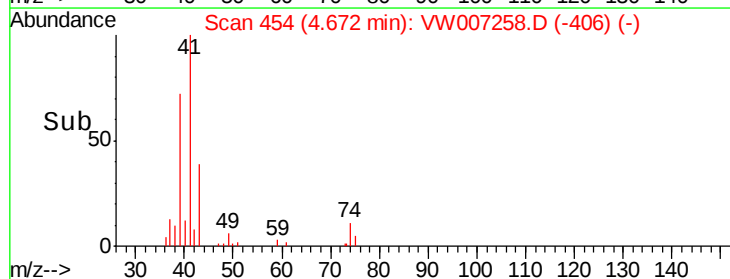
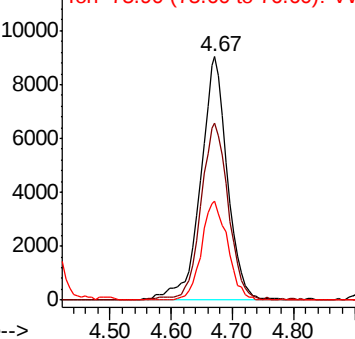
76 39.6 30.8 46.2

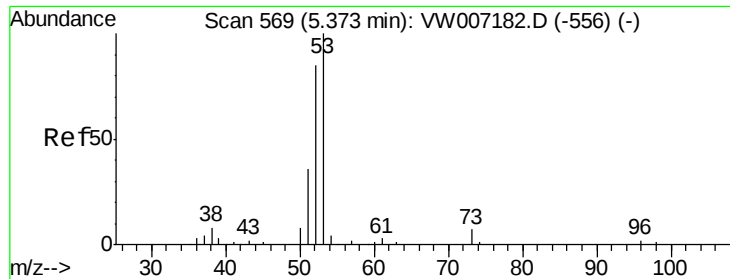


Abundance Ion 41.00 (40.70 to 41.70): VW

Ion 39.00 (38.70 to 39.70): VW

Ion 75.90 (75.60 to 76.60): VW





#15

Acrylonitrile

Concen: 111.292 ug/l

RT: 5.37 min Scan# 568

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

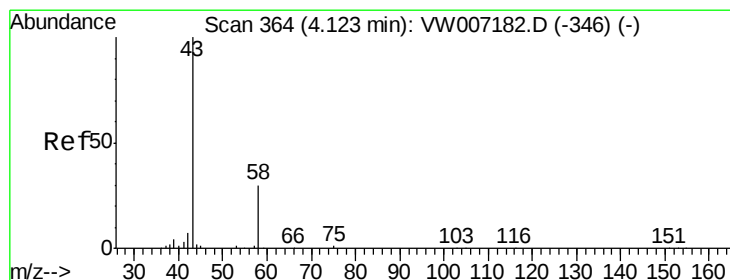
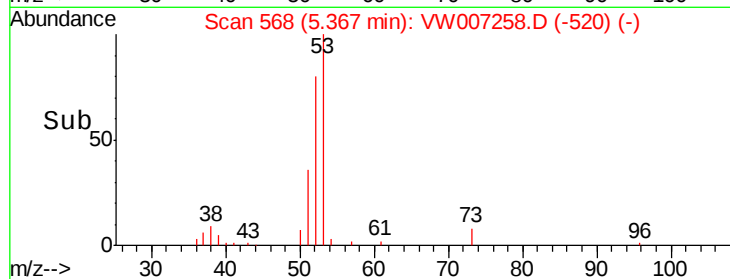
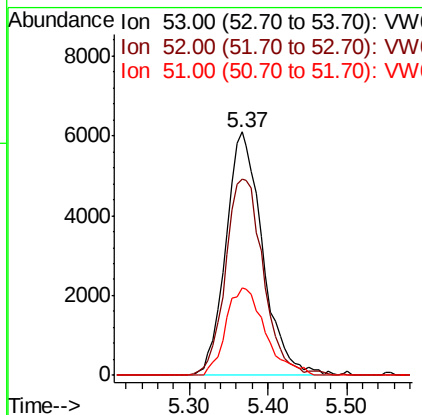
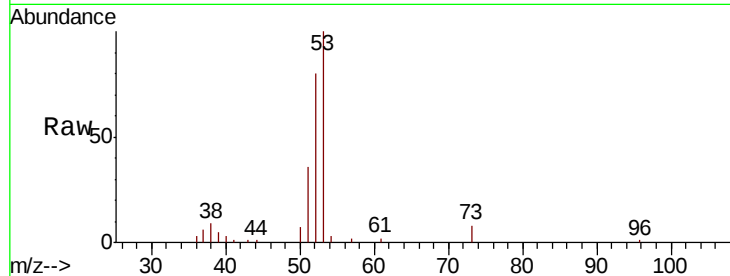
ClientSampleId :

VW1205SBS02

Tgt Ion:	53	Resp:	19726
Ion	Ratio	Lower	Upper
53	100		
52	82.3	66.1	99.1
51	38.4	30.3	45.5

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#16

Acetone

Concen: 82.372 ug/l

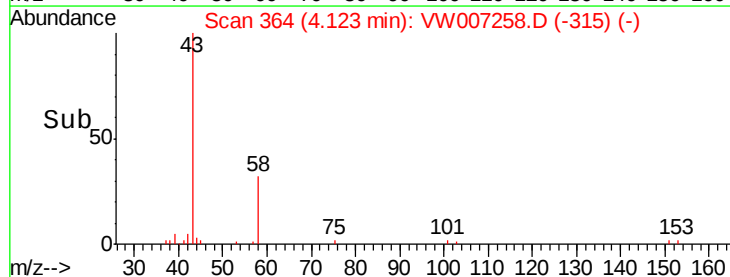
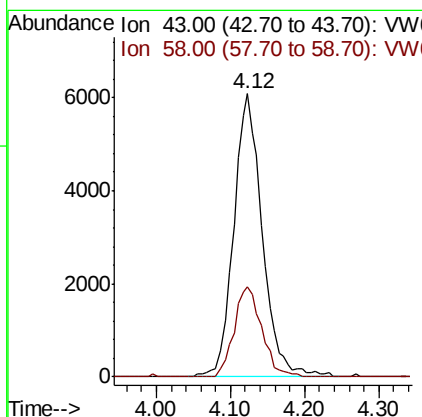
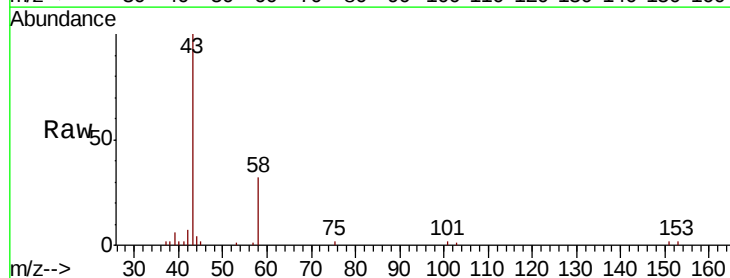
RT: 4.12 min Scan# 364

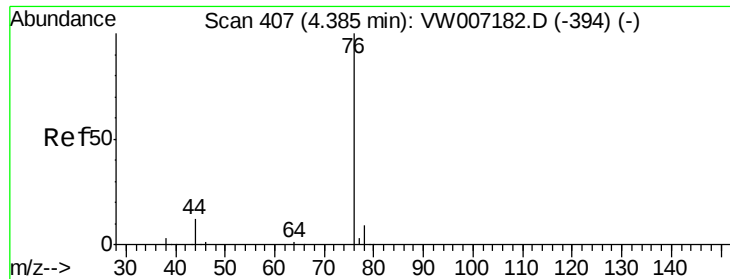
Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Tgt Ion:	43	Resp:	16328
Ion	Ratio	Lower	Upper
43	100		
58	31.7	23.8	35.8





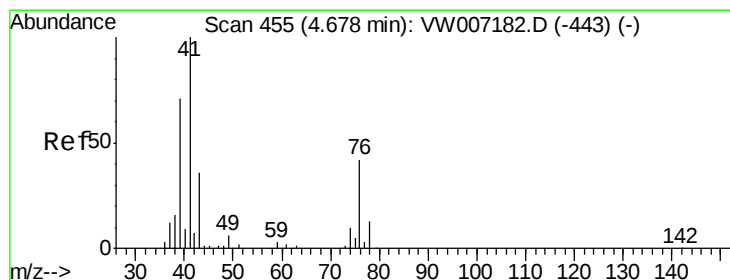
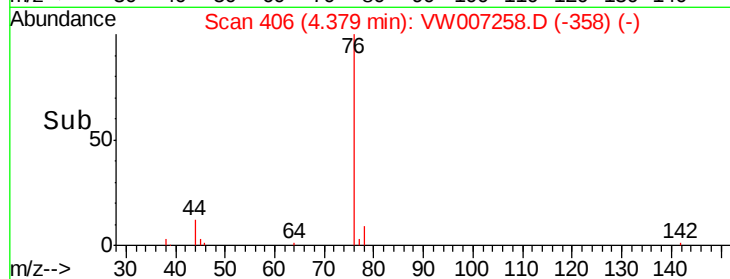
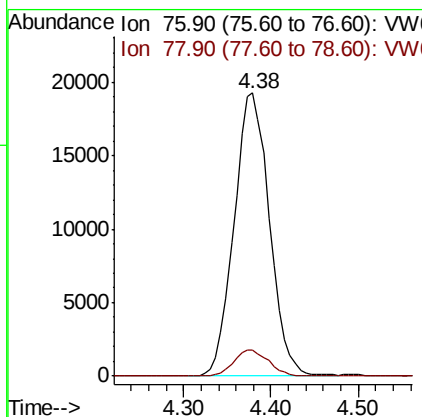
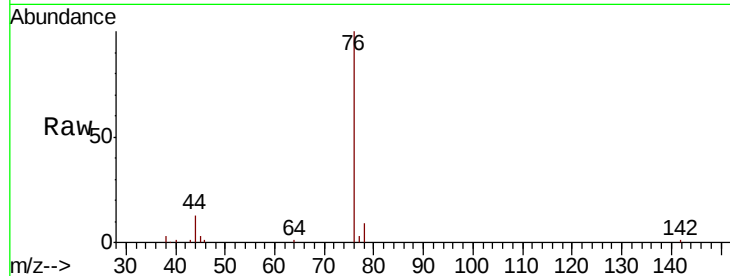
#17
Carbon Disulfide
Concen: 19.042 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tgt Ion: 76 Resp: 54049
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

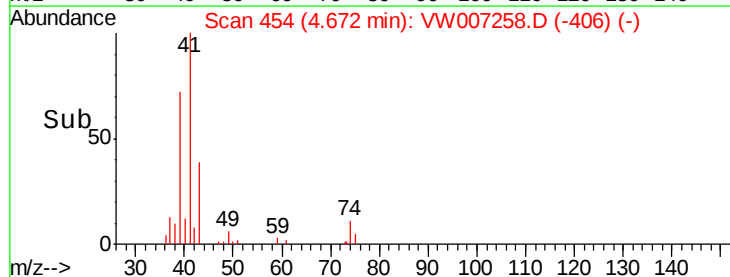
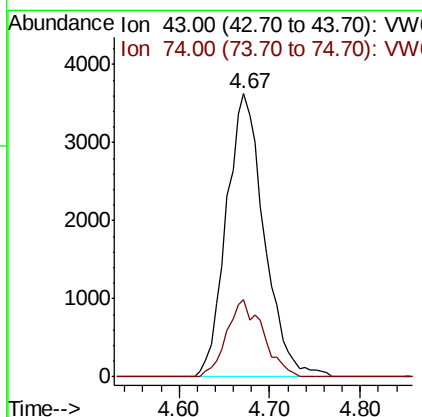
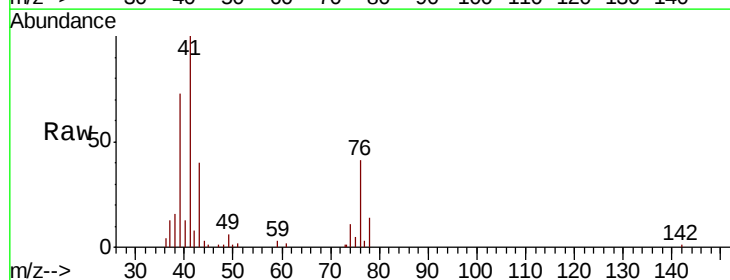
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#18
Methyl Acetate
Concen: 23.228 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 43 Resp: 10510
Ion Ratio Lower Upper
43 100
74 26.2 20.1 30.1





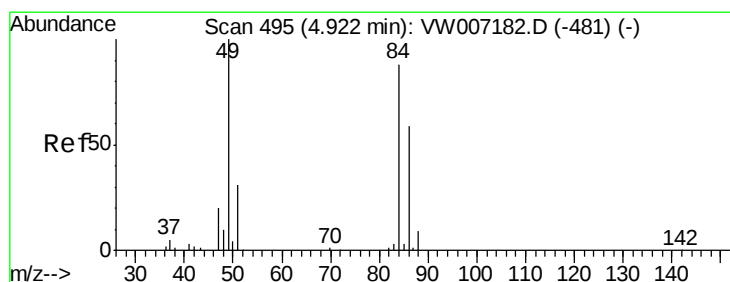
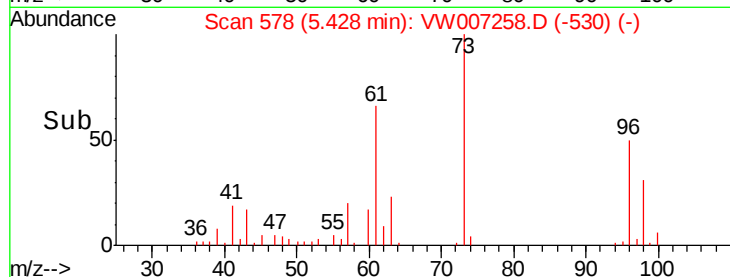
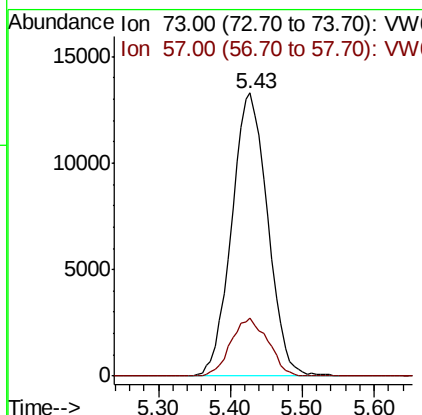
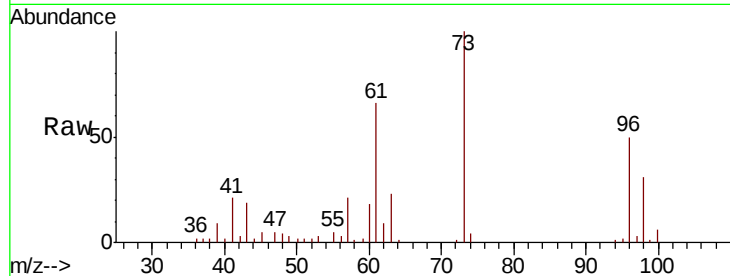
#19
Methyl tert-butyl Ether
Concen: 22.734 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion: 73 Resp: 46090
Ion Ratio Lower Upper
73 100
57 20.6 16.6 25.0

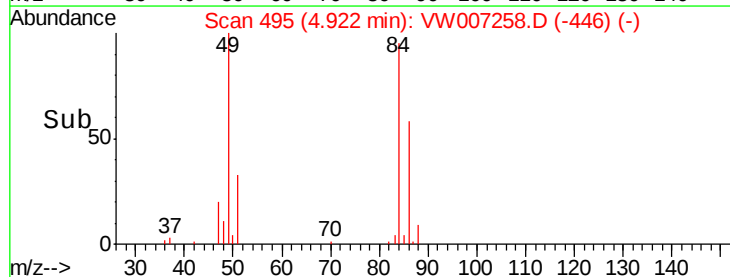
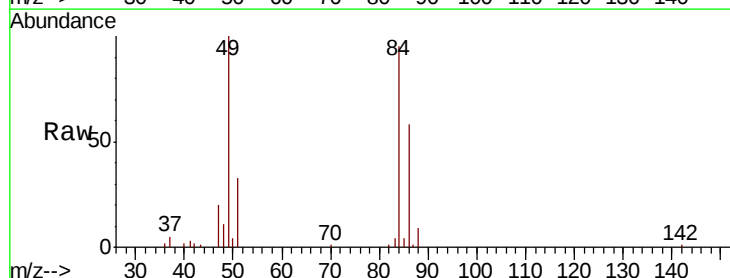
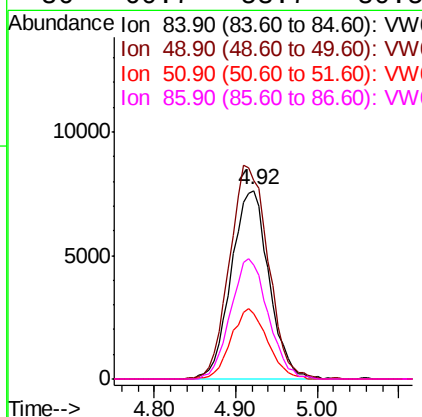
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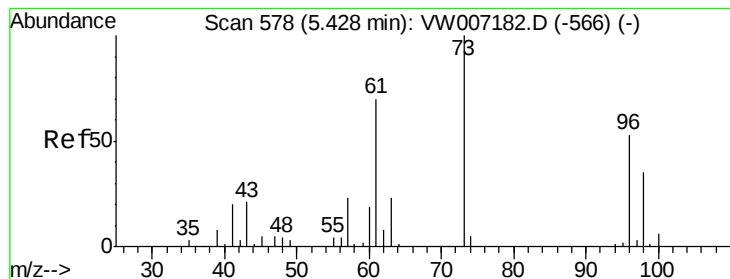
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#20
Methylene Chloride
Concen: 21.576 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 84 Resp: 24498
Ion Ratio Lower Upper
84 100
49 104.3 90.6 135.8
51 34.6 27.6 41.4
86 60.7 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 21.279 ug/l

RT: 5.43 min Scan# 578

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

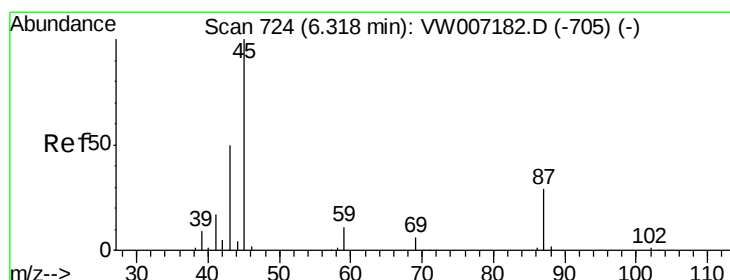
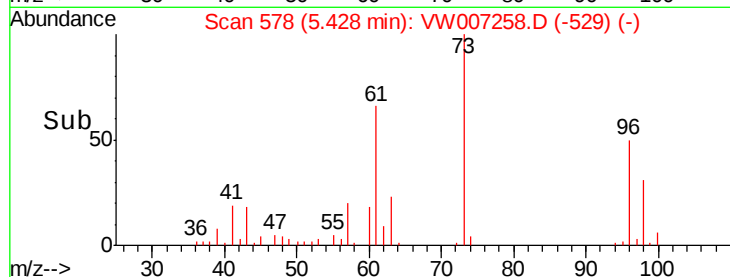
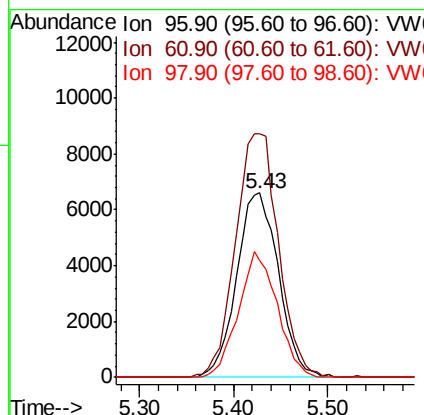
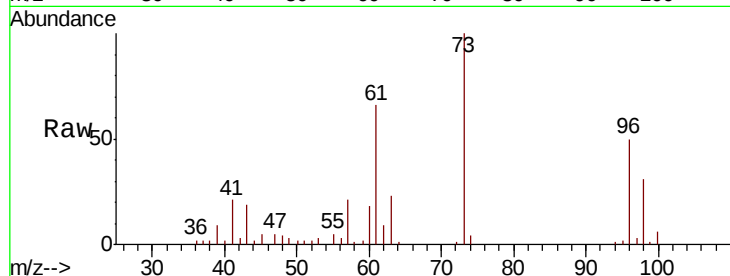
ClientSampleId :

VW1205SBS02

Tgt Ion:	96	Resp:	20460
Ion	Ratio	Lower	Upper
96	100		
61	132.1	105.5	158.3
98	63.2	52.6	79.0

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#22

Diisopropyl ether

Concen: 21.999 ug/l

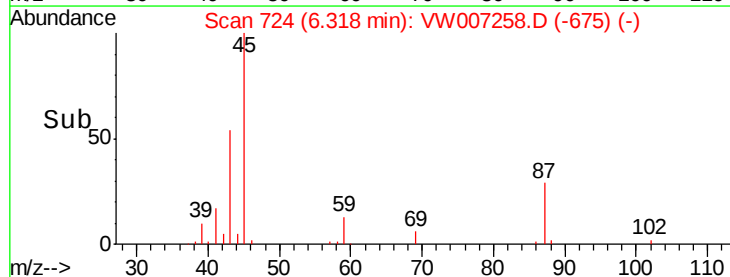
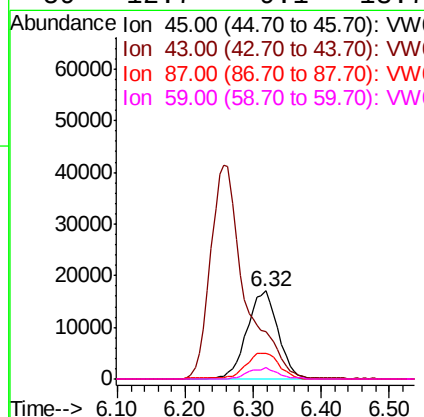
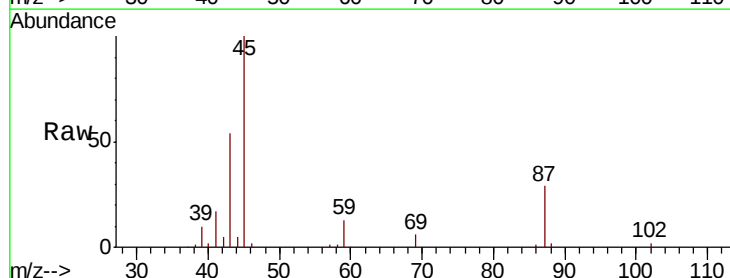
RT: 6.32 min Scan# 724

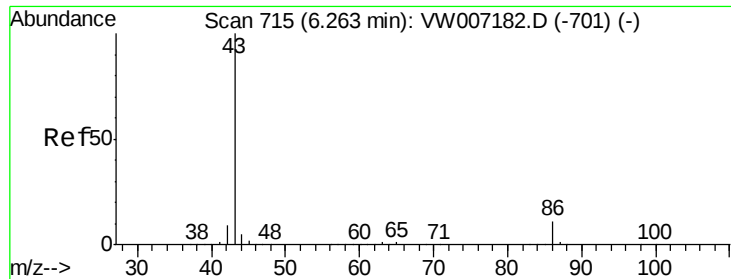
Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Tgt Ion:	45	Resp:	54508
Ion	Ratio	Lower	Upper
45	100		
43	53.1	40.8	61.2
87	29.3	24.0	36.0
59	12.7	9.1	13.7





#23

Vinyl Acetate

Concen: 107.638 ug/l

RT: 6.26 min Scan# 714

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

Tgt Ion: 43 Resp: 145525

Ion Ratio Lower Upper

43 100

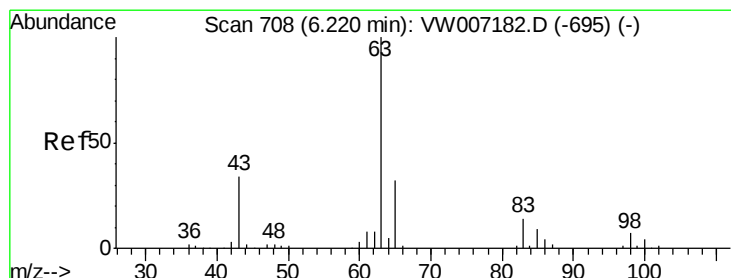
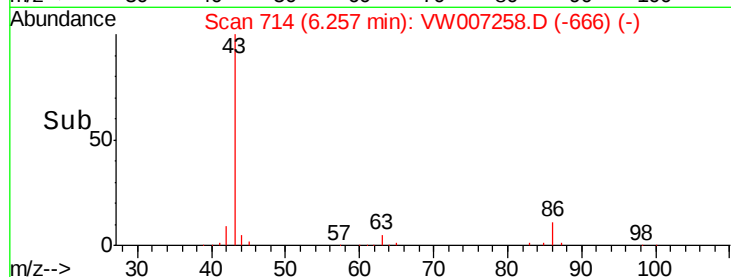
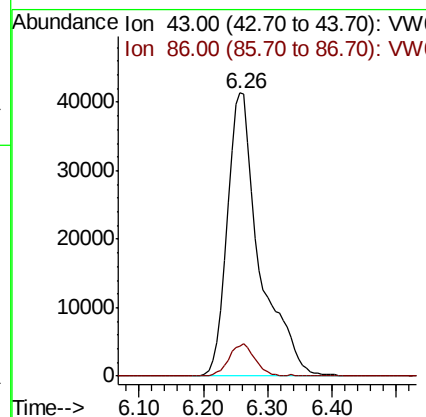
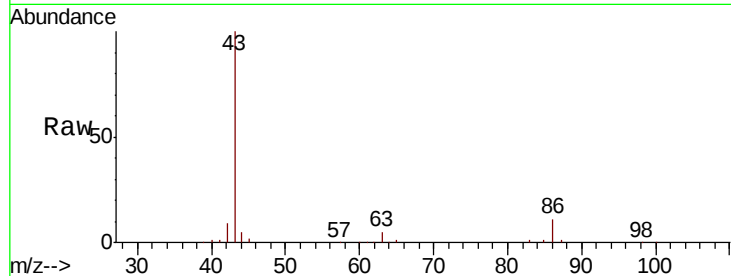
86 10.6 9.0 13.6

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#24

1,1-Dichloroethane

Concen: 21.899 ug/l

RT: 6.22 min Scan# 708

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

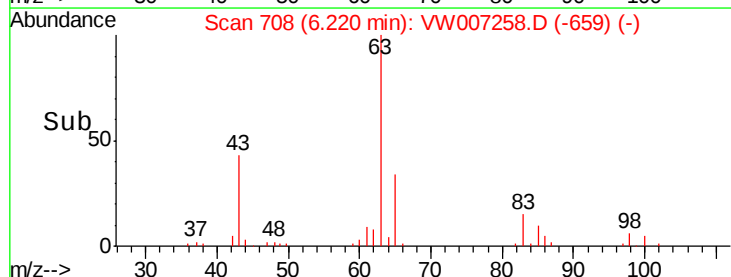
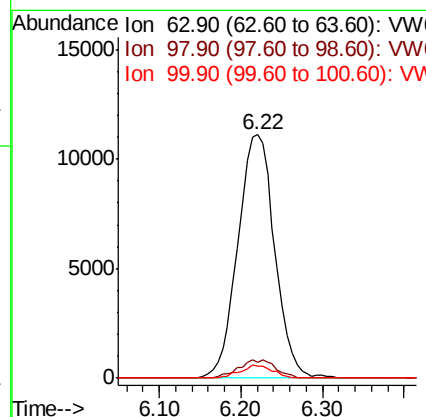
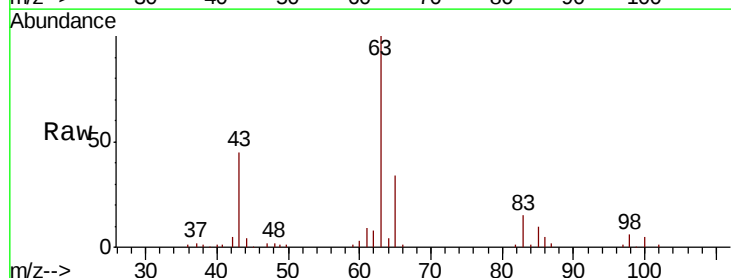
Tgt Ion: 63 Resp: 34777

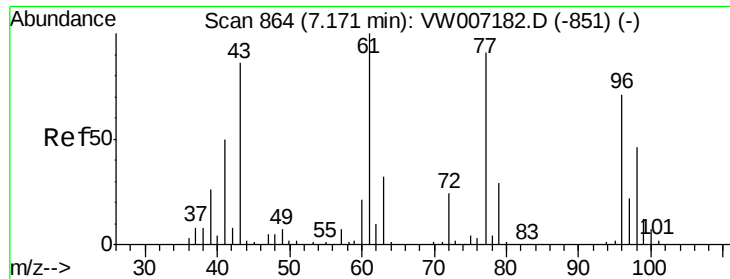
Ion Ratio Lower Upper

63 100

98 6.3 3.5 10.5

100 4.7 2.1 6.2





#25

2-Butanone

Concen: 98.272 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

Tgt Ion: 43 Resp: 22581

Ion Ratio Lower Upper

43 100

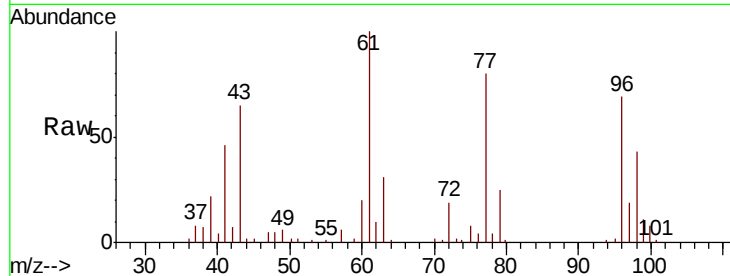
72 29.6 22.8 34.2

Manual Integrations

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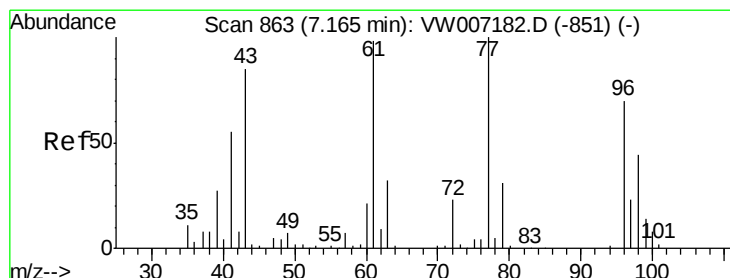
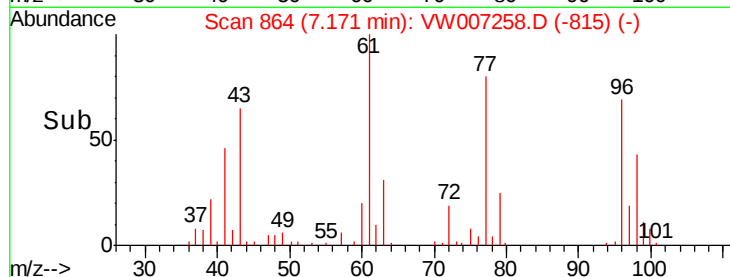
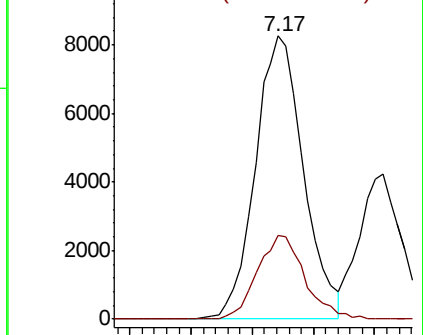
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Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#26

2,2-Dichloropropane

Concen: 19.317 ug/l

RT: 7.17 min Scan# 864

Delta R.T. 0.01 min

Lab File: VW007258.D

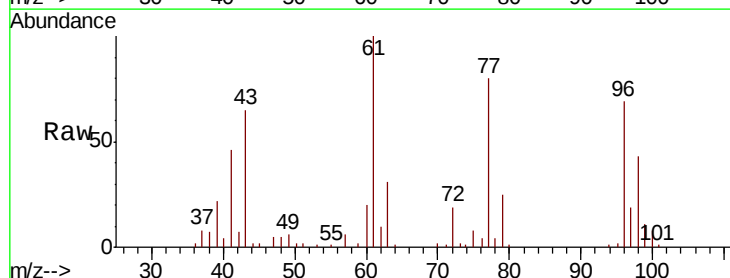
Acq: 06 Dec 2018 04:57

Tgt Ion: 77 Resp: 29481

Ion Ratio Lower Upper

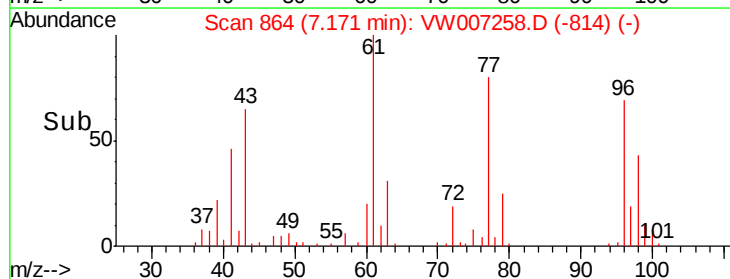
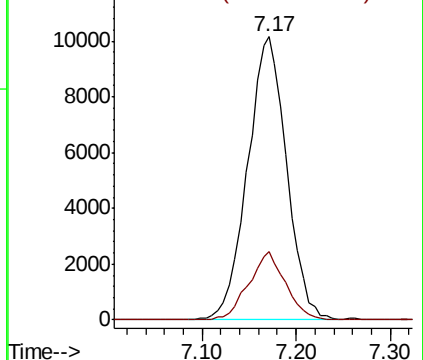
77 100

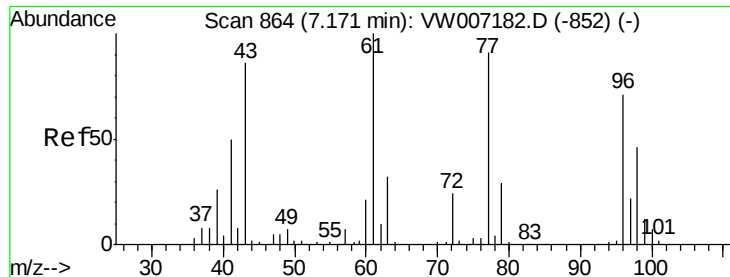
97 22.6 11.5 34.4



Abundance Ion 76.90 (76.60 to 77.60): VW

Ion 96.90 (96.60 to 97.60): VW





#27

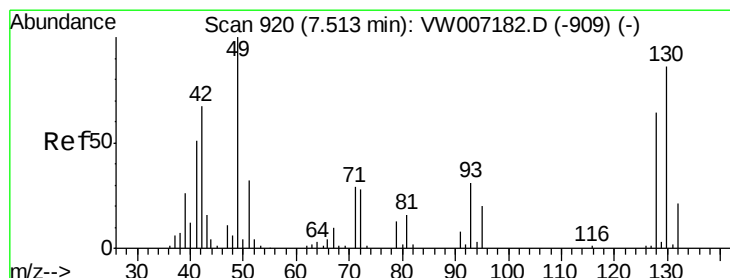
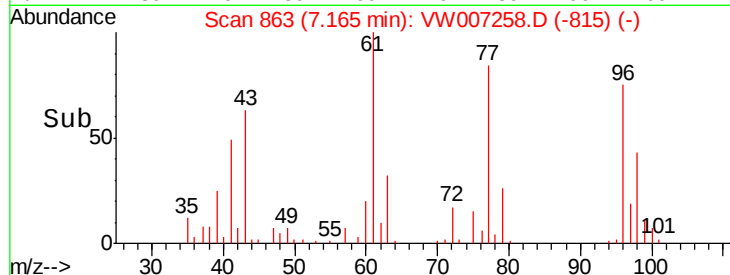
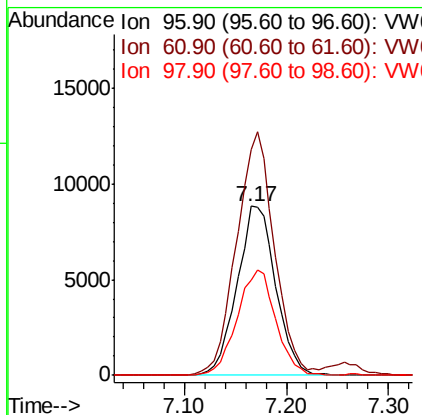
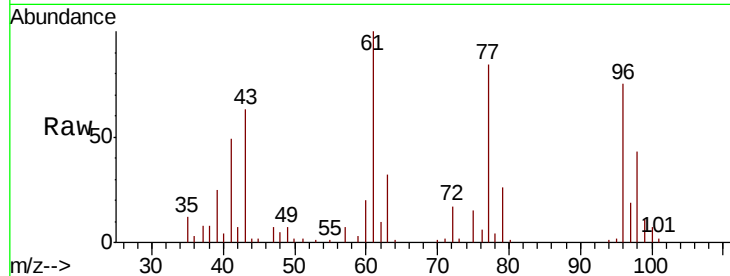
cis-1,2-Dichloroethene
Concen: 22.523 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	23215		
61	141.2	0.0	282.4	
98	62.2	0.0	129.8	

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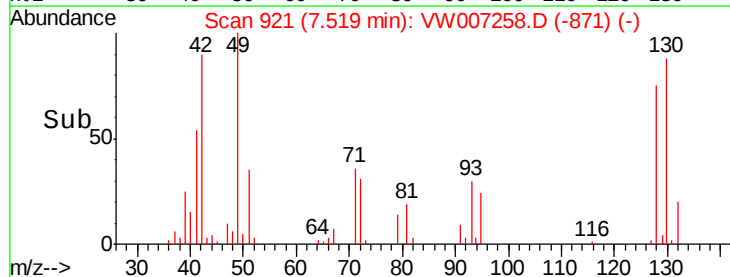
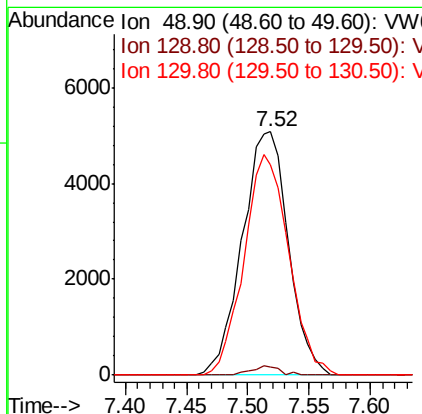
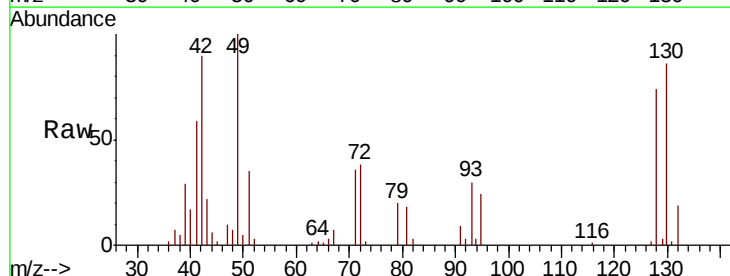
apatel
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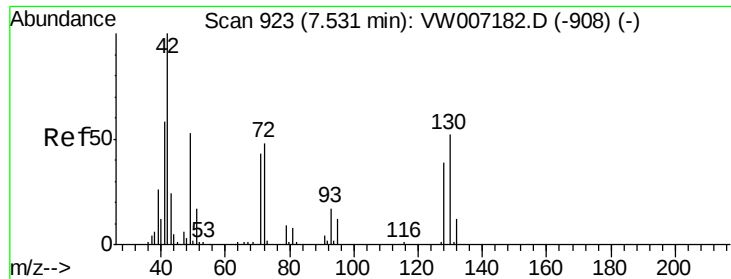


#28

Bromochloromethane
Concen: 23.194 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	13282		
129	2.2	0.0	3.8	
130	88.1	70.3	105.5	





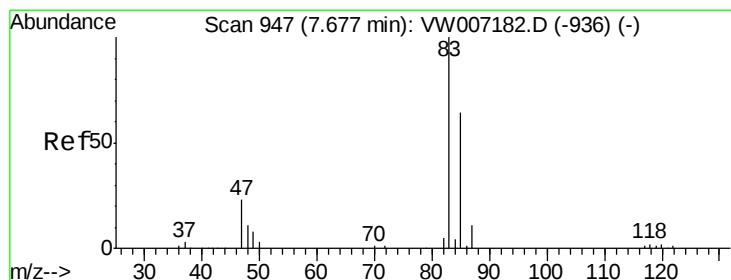
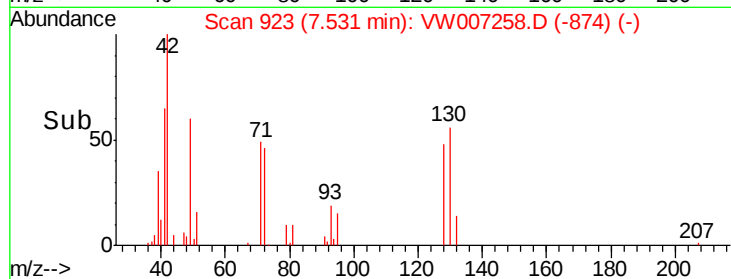
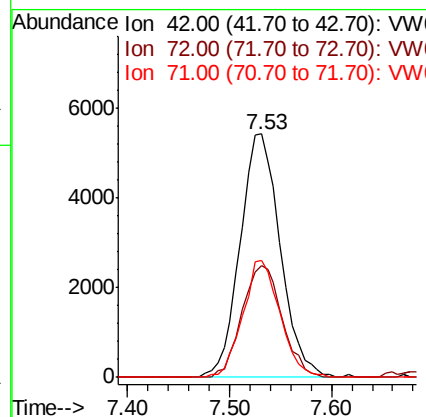
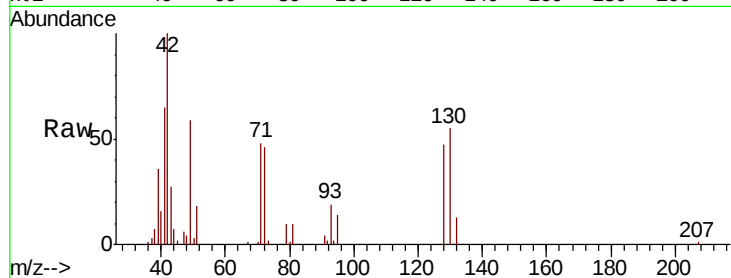
#29
Tetrahydrofuran
Concen: 104.708 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tgt Ion	Ratio	Lower	Upper
42	100		
72	45.7	36.6	55.0
71	44.6	34.8	52.2

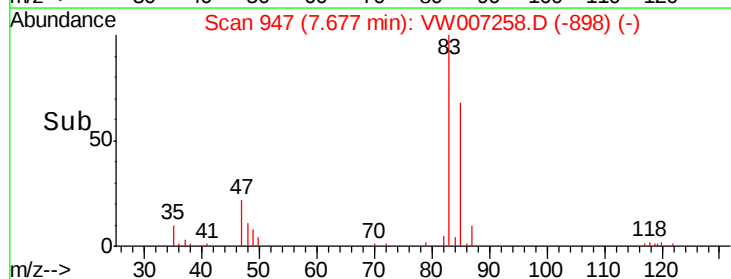
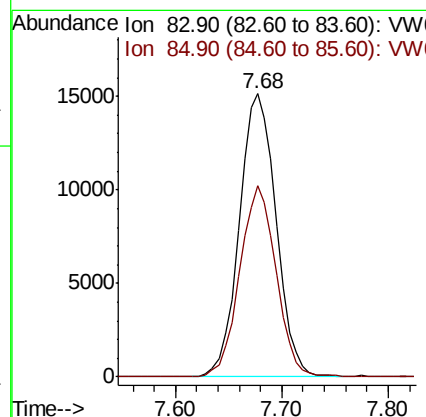
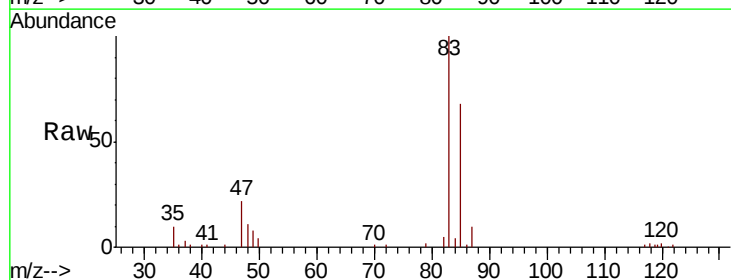
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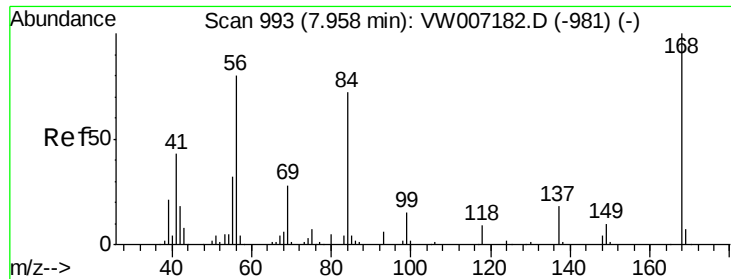
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#30
Chloroform
Concen: 22.181 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.7	51.5	77.3





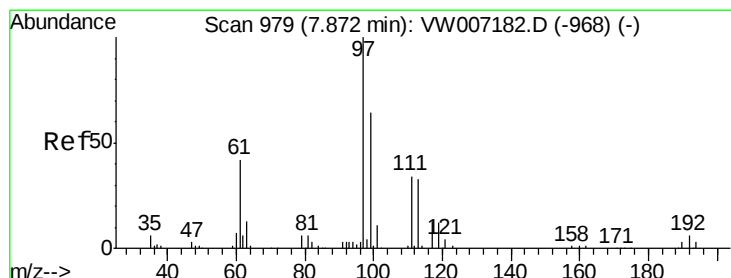
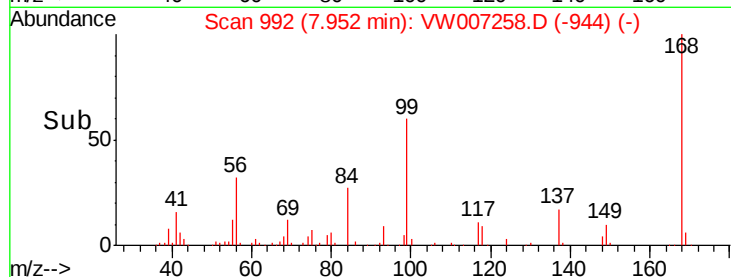
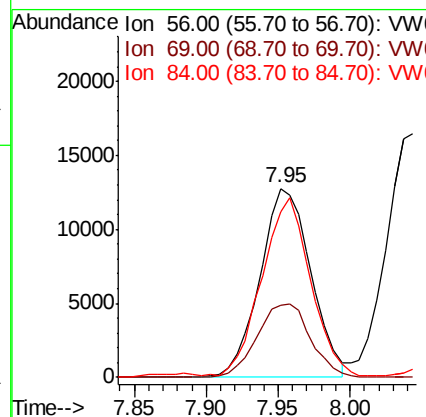
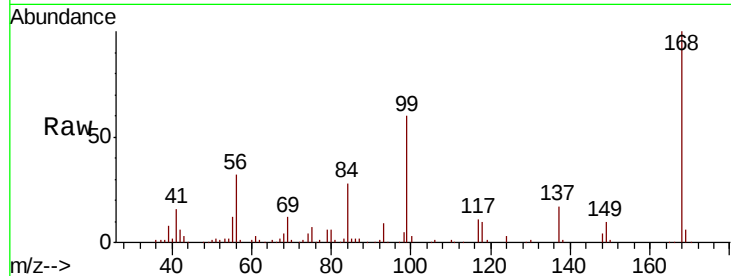
#31
Cyclohexane
Concen: 18.829 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion: 56 Resp: 31286
Ion Ratio Lower Upper
56 100
69 38.5 28.2 42.2
84 86.4 72.1 108.1

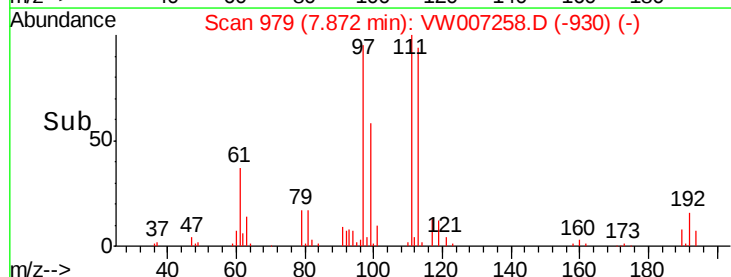
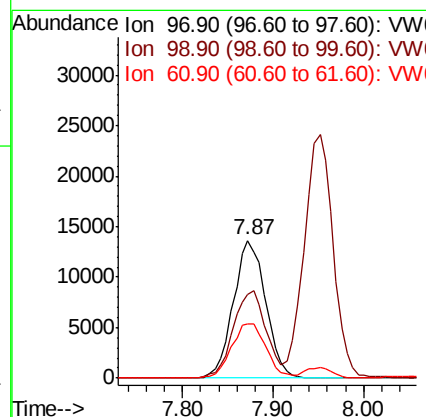
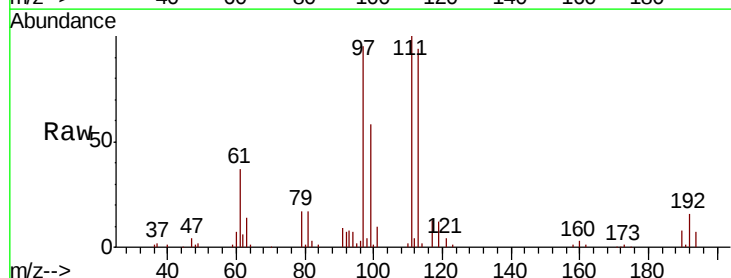
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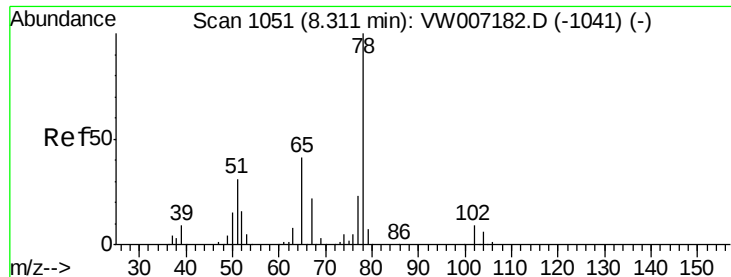
apatel
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#32
1,1,1-Trichloroethane
Concen: 21.741 ug/l
RT: 7.87 min Scan# 979
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 97 Resp: 33769
Ion Ratio Lower Upper
97 100
99 64.2 51.3 76.9
61 42.0 33.2 49.8





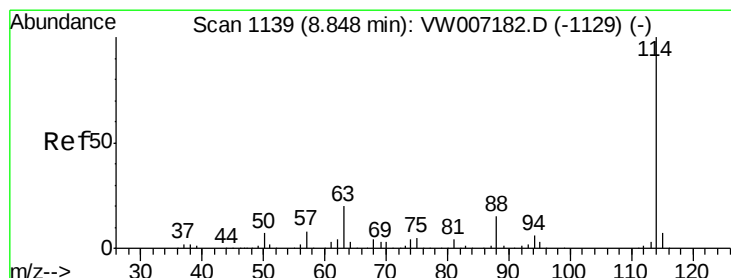
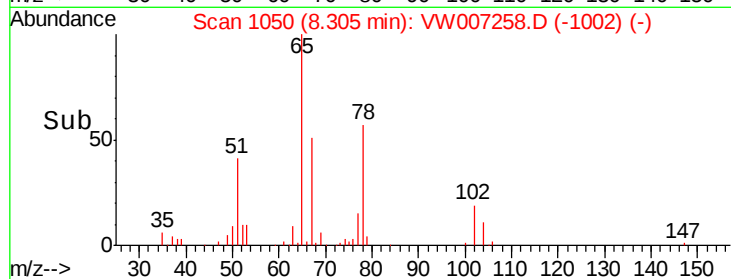
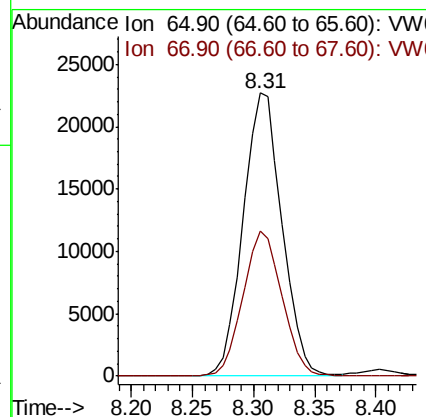
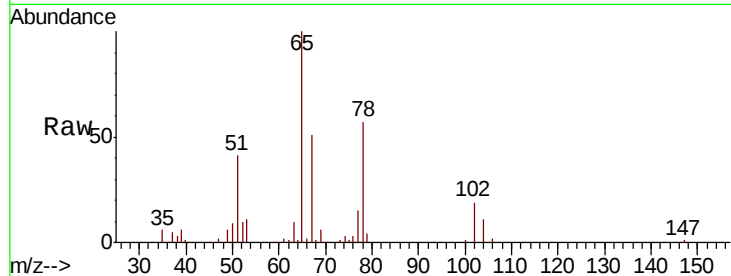
#33
 1,2-Dichloroethane-d4
 Concen: 59.892 ug/l
 RT: 8.31 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1205SBS02

Tgt Ion: 65 Resp: 50149
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 106.4

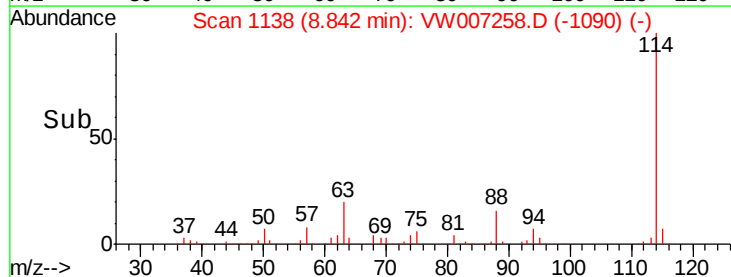
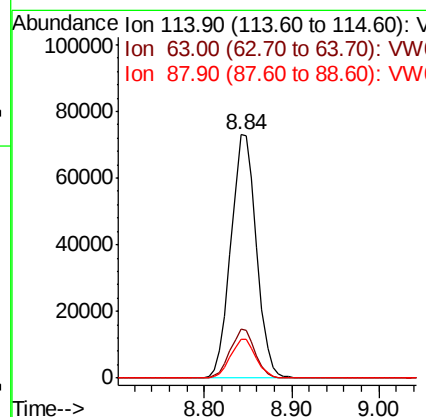
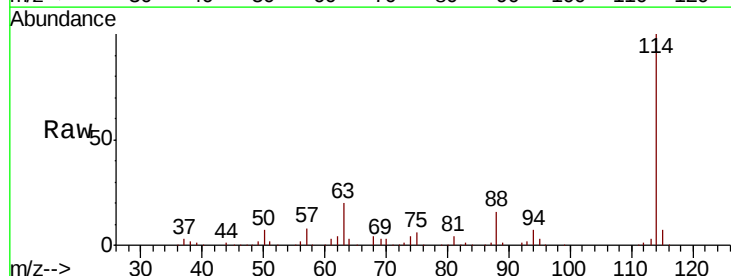
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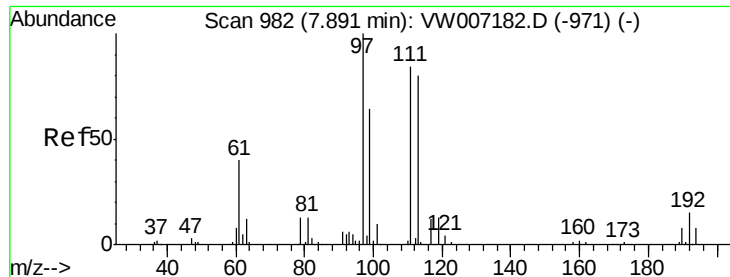
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.84 min Scan# 1138
 Delta R.T. -0.01 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion: 114 Resp: 148412
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 40.2
 88 15.9 0.0 30.0





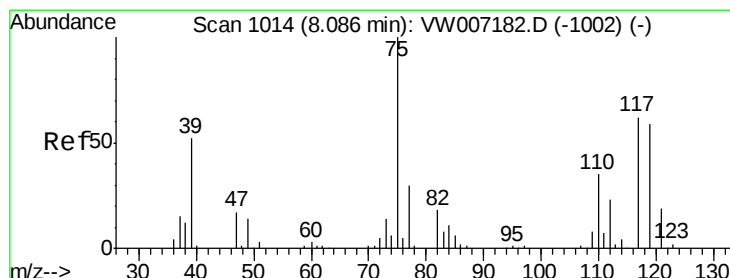
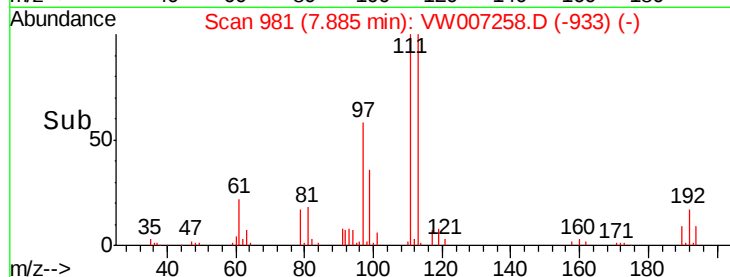
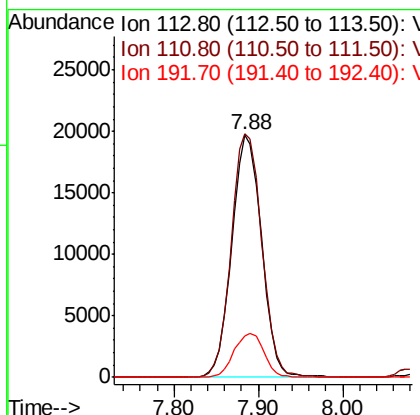
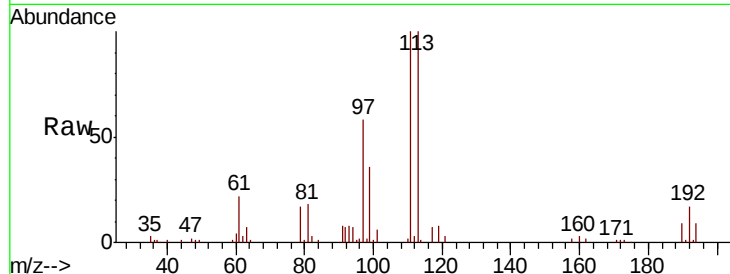
#35
 Dibromofluoromethane
 Concen: 55.312 ug/l
 RT: 7.88 min Scan# 981
 Delta R.T. -0.01 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Instrument :
 MSVOA_W
 ClientSampleID :
 VW1205SBSD02

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.9	82.2	123.4
192	18.2	14.4	21.6

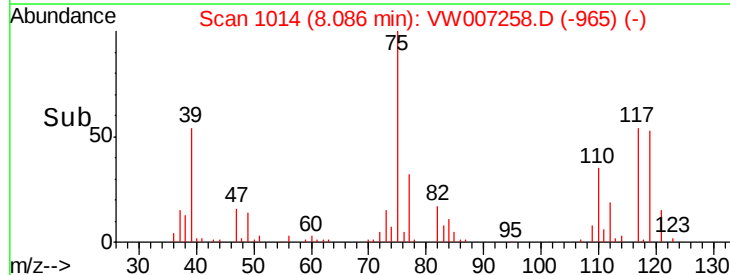
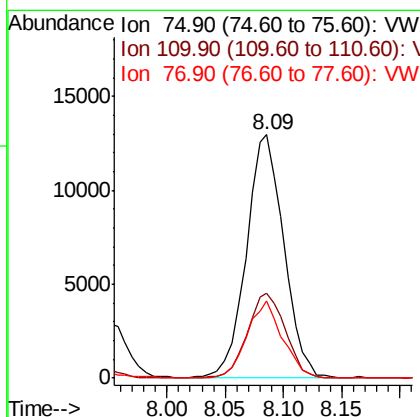
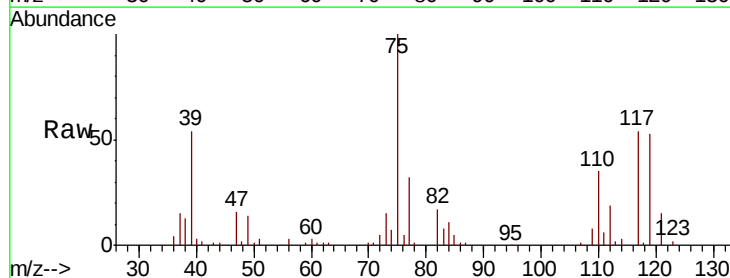
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#36
 1,1-Dichloropropene
 Concen: 20.041 ug/l
 RT: 8.09 min Scan# 1014
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
75	100		
110	35.2	18.3	54.9
77	30.2	24.9	37.3





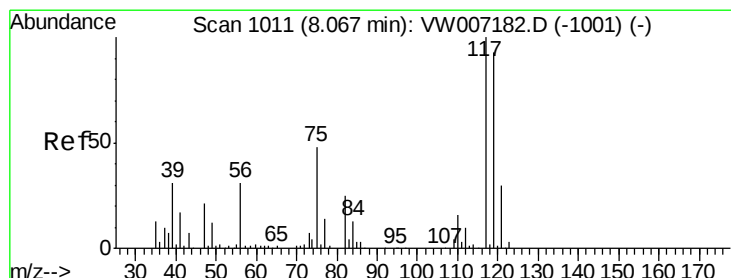
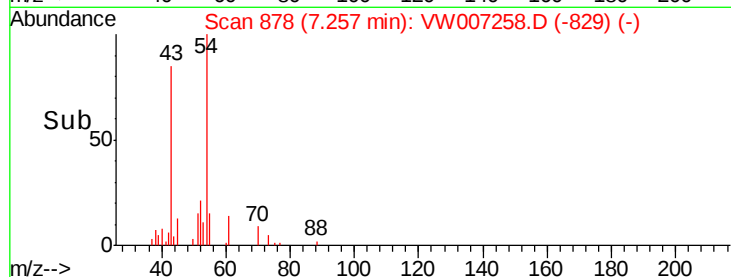
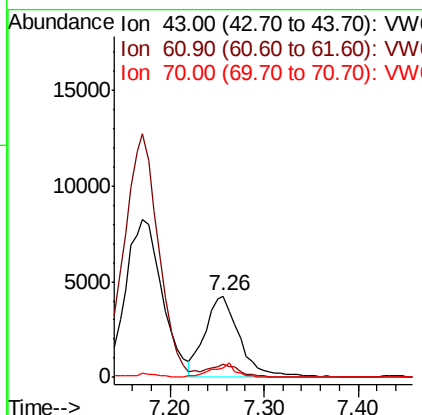
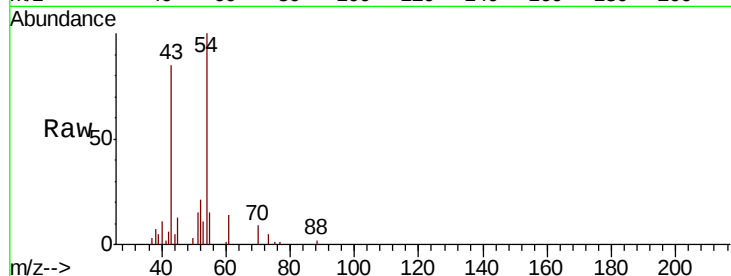
#37
Ethyl Acetate
Concen: 20.842 ug/l
RT: 7.26 min Scan# 878
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampled :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	13.5	12.1	18.1
70	11.8	9.1	13.7

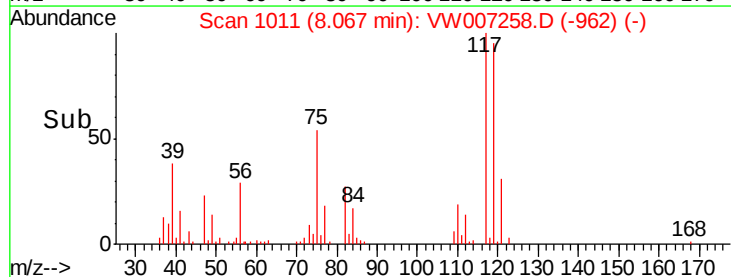
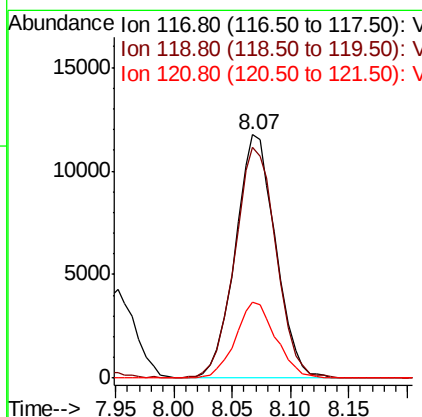
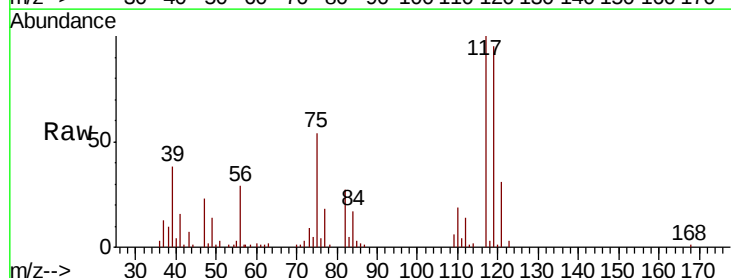
Manual Integrations
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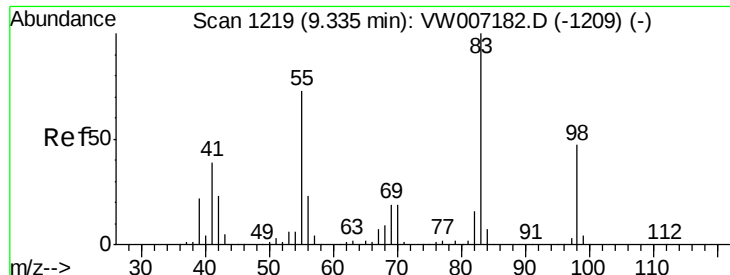
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#38
Carbon Tetrachloride
Concen: 19.207 ug/l
RT: 8.07 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.8	74.1	111.1
121	31.1	23.9	35.9





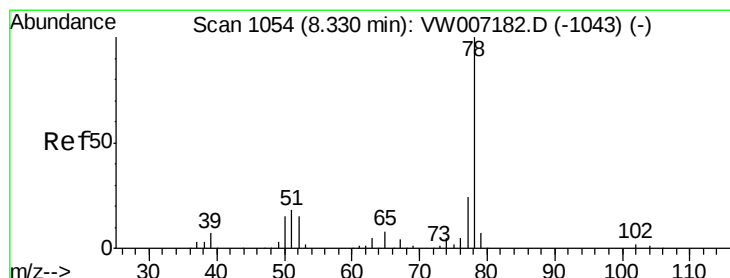
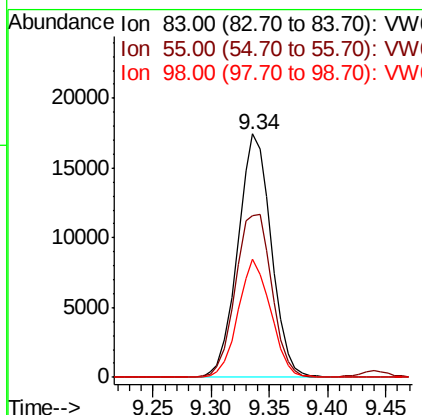
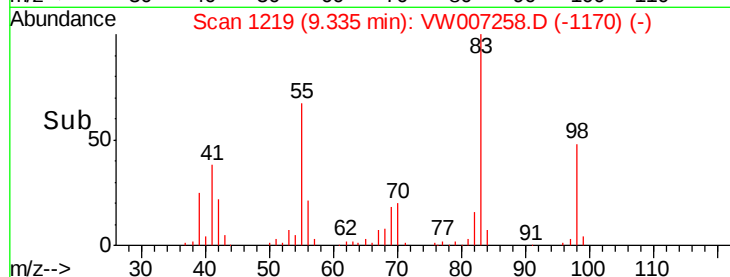
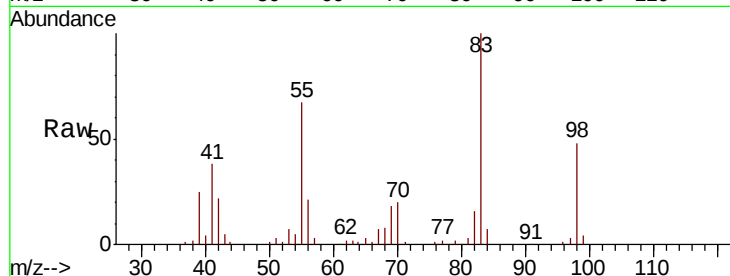
#39
Methylcyclohexane
Concen: 18.134 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
83	100		
55	66.5	58.1	87.1
98	48.3	37.3	55.9

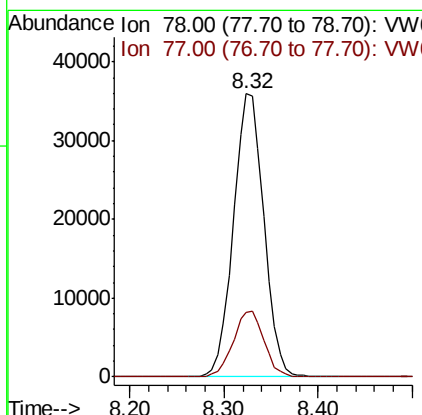
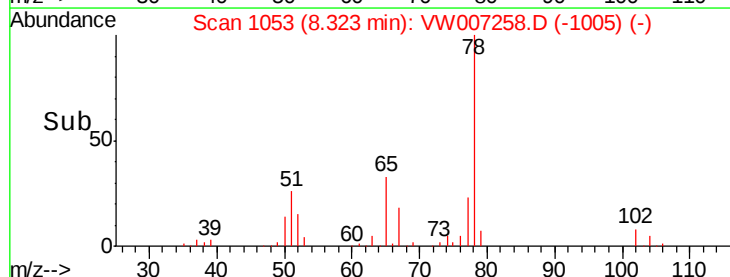
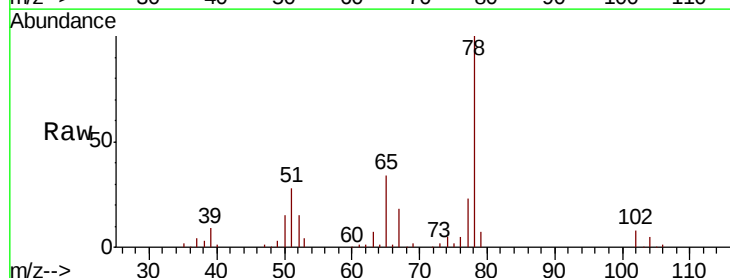
Manual Integrations
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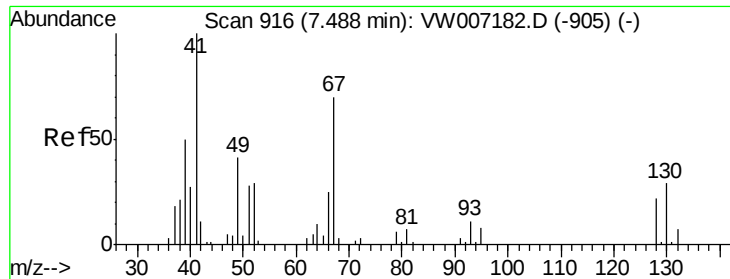
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#40
Benzene
Concen: 20.410 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.0	18.9	28.3





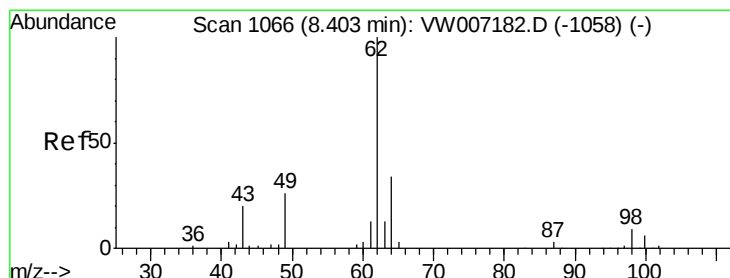
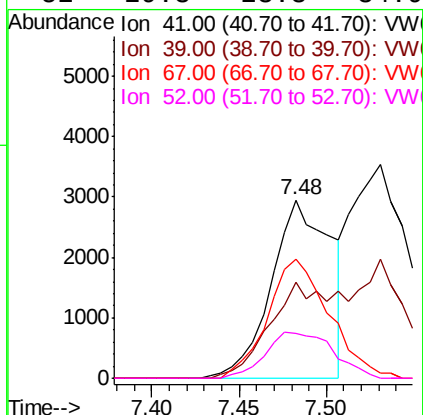
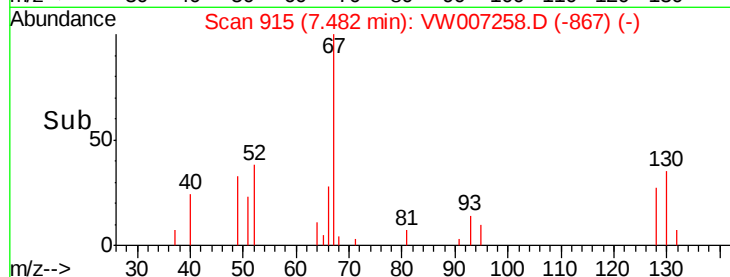
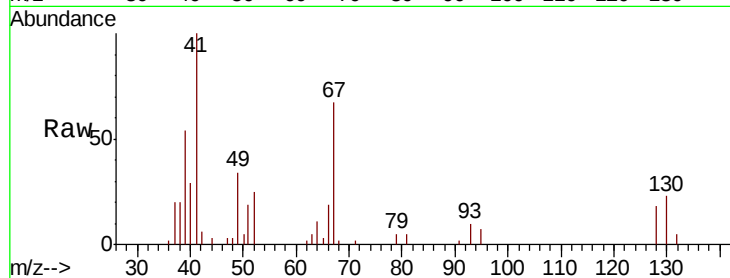
#41
Methacrylonitrile
Concen: 22.389 ug/l
RT: 7.48 min Scan# 915
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
41	100		
39	49.7	43.4	65.0
67	68.9	57.4	86.0
52	29.3	23.3	34.9

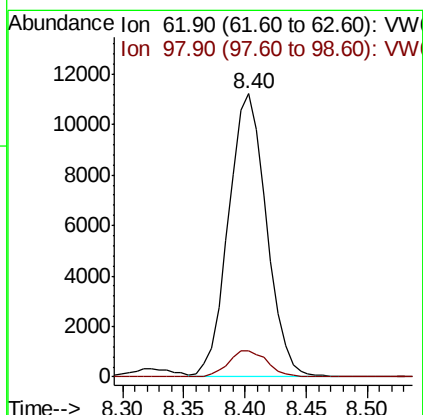
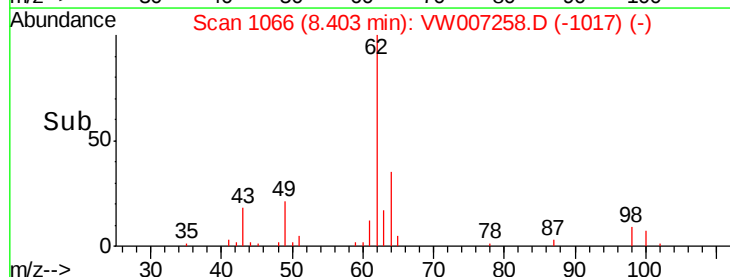
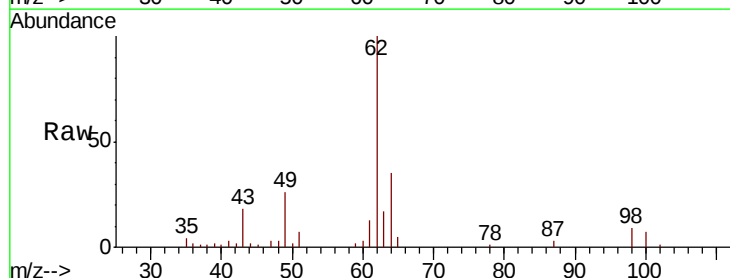
Manual Integrations
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#42
1,2-Dichloroethane
Concen: 21.834 ug/l
RT: 8.40 min Scan# 1066
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	17.8





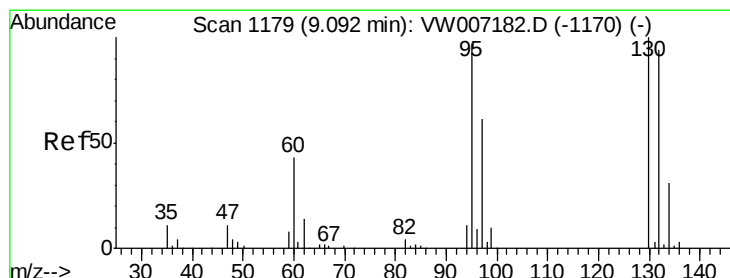
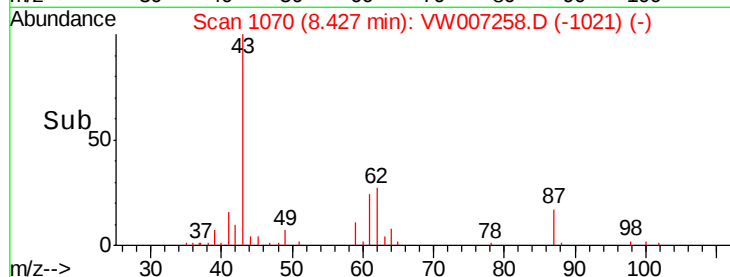
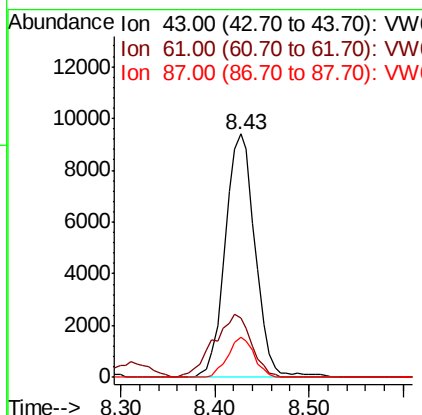
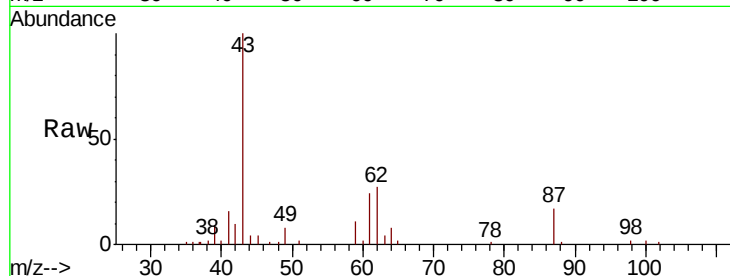
#43
Isopropyl Acetate
Concen: 20.380 ug/l
RT: 8.43 min Scan# 1070
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
43	100		
61	32.5	25.4	38.0
87	14.4	11.4	17.0

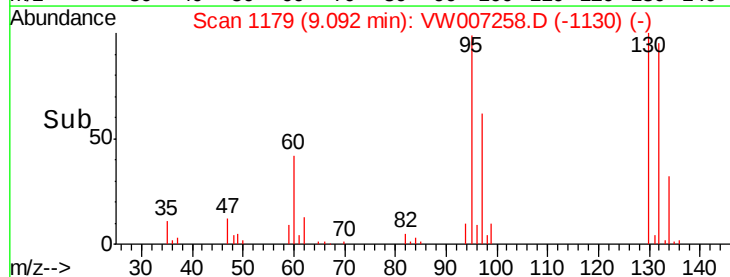
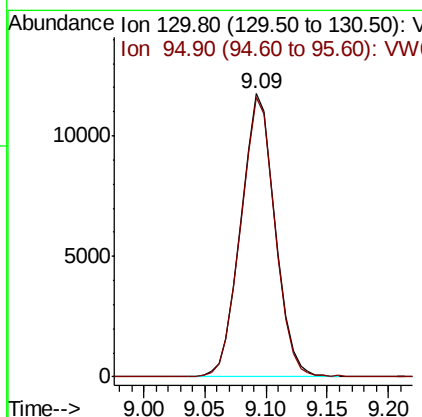
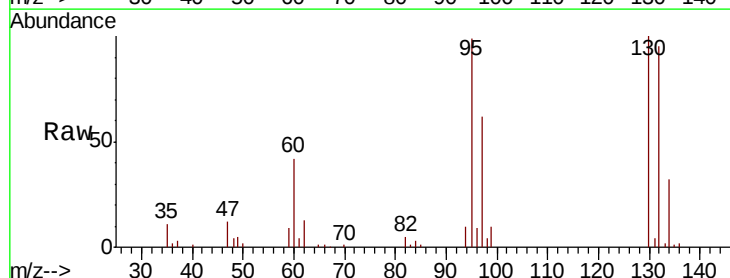
Manual Integrations
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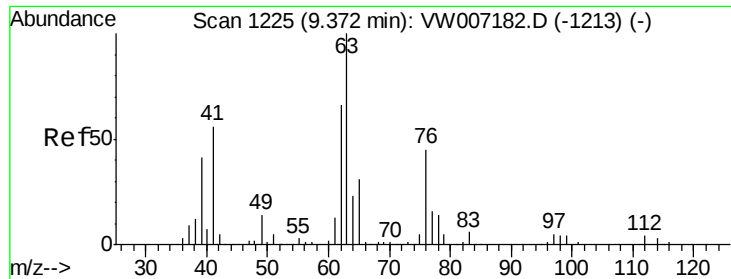
apatel
12/6/2018 3:11:37 PM



#44
Trichloroethene
Concen: 20.531 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	194.0





#45

1,2-Dichloropropane

Concen: 21.242 ug/l

RT: 9.37 min Scan# 1225

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBS02

Tgt Ion: 63 Resp: 19574

Ion Ratio Lower Upper

63 100

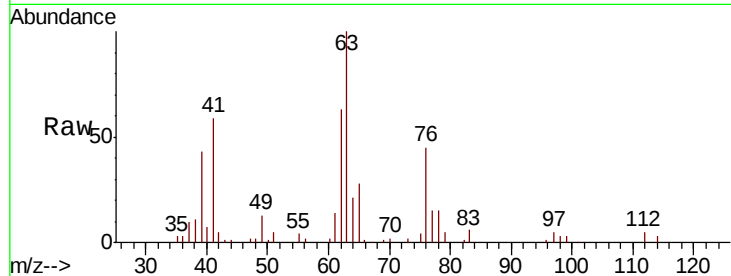
65 27.9 25.0 37.4

Manual Integrations

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Abundance Ion 62.90 (62.60 to 63.60): VW

Ion 64.90 (64.60 to 65.60): VW

12000

10000

8000

6000

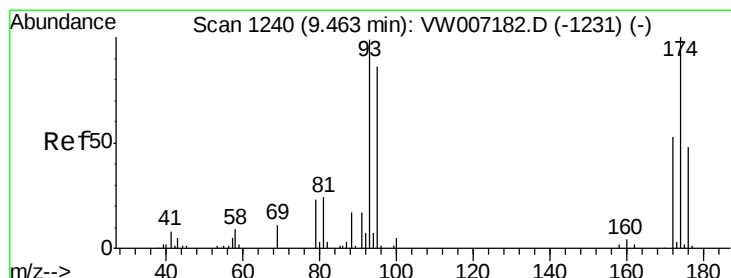
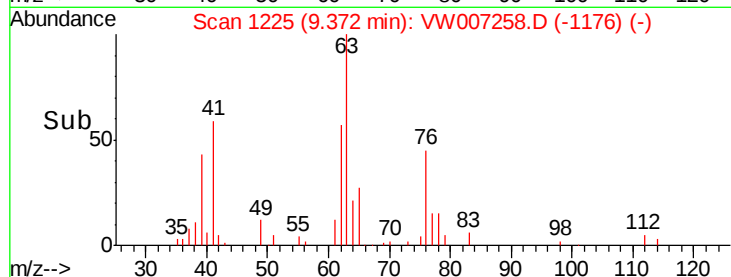
4000

2000

0

9.25 9.30 9.35 9.40 9.45

Time-->



#46

Dibromomethane

Concen: 22.025 ug/l

RT: 9.46 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

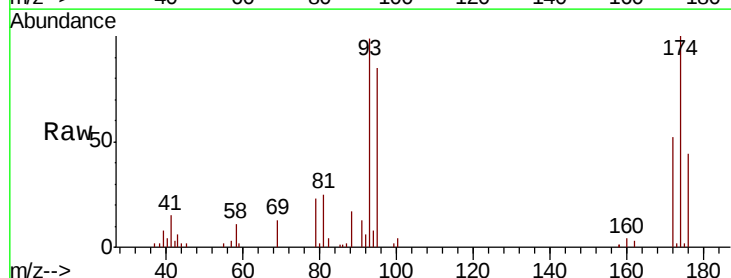
Tgt Ion: 93 Resp: 10546

Ion Ratio Lower Upper

93 100

95 83.5 68.7 103.1

174 100.1 82.9 124.3



Abundance Ion 92.80 (92.50 to 93.50): VW

Ion 94.80 (94.50 to 95.50): VW

Ion 173.70 (173.40 to 174.40): V

6000

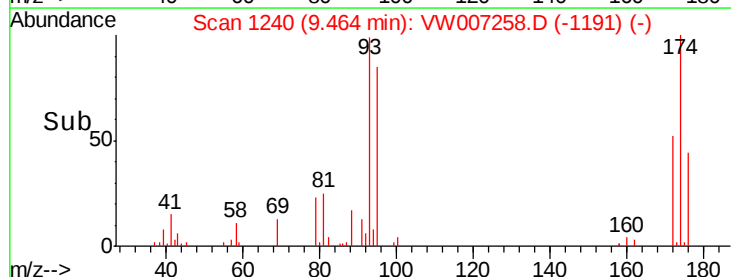
4000

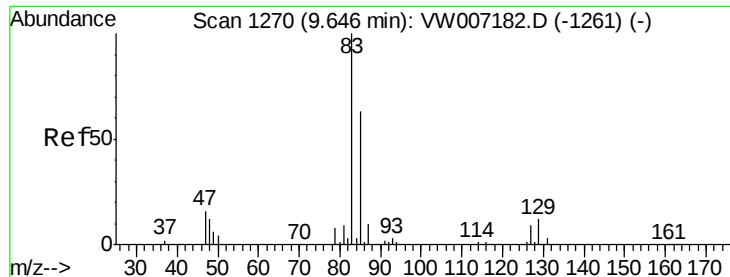
2000

0

9.40 9.45 9.50

Time-->





#47

Bromodichloromethane

Concen: 21.663 ug/l

RT: 9.65 min Scan# 1270

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

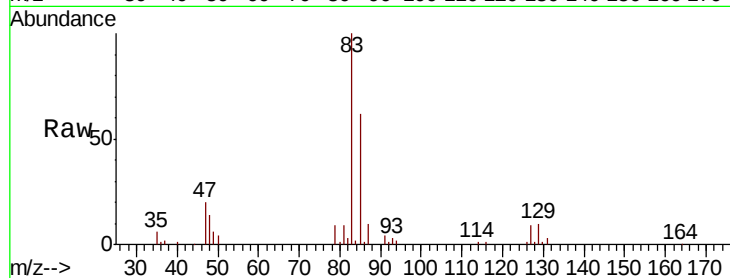
ClientSampleId :

VW1205SBS02

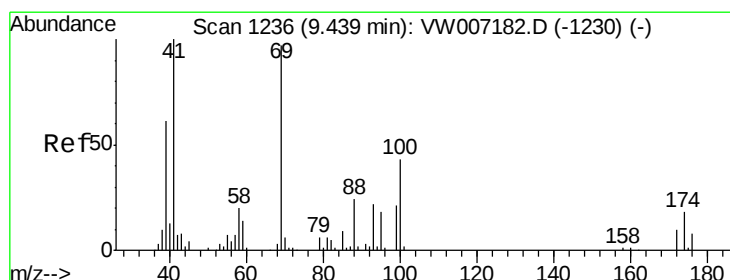
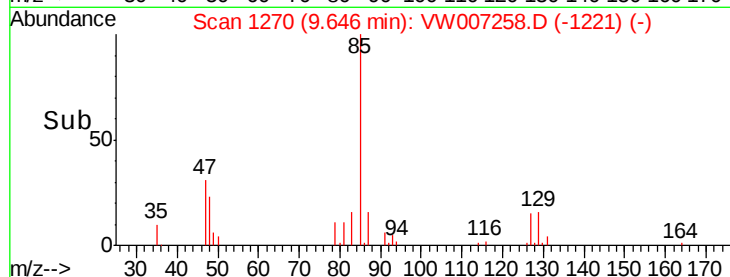
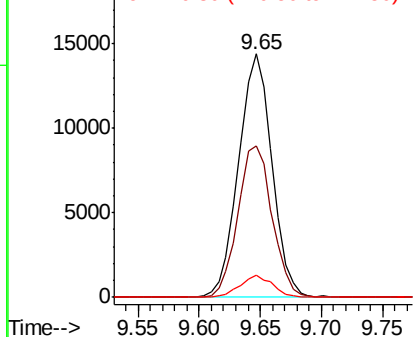
Tgt Ion:	83	Resp:	27285
Ion Ratio	Lower	Upper	
83	100		
85	62.3	50.6	76.0
127	9.1	7.3	10.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VW
Ion 84.90 (84.60 to 85.60): VW
Ion 126.80 (126.50 to 127.50): VW



#48

Methyl methacrylate

Concen: 19.487 ug/l

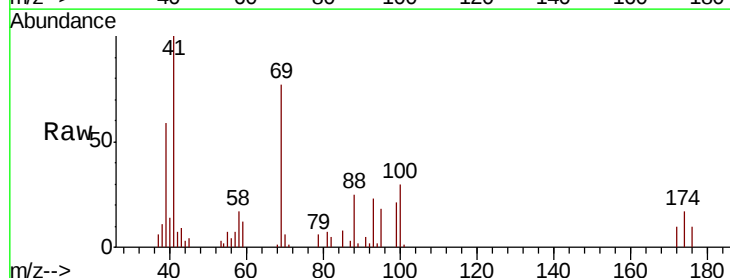
RT: 9.44 min Scan# 1236

Delta R.T. 0.00 min

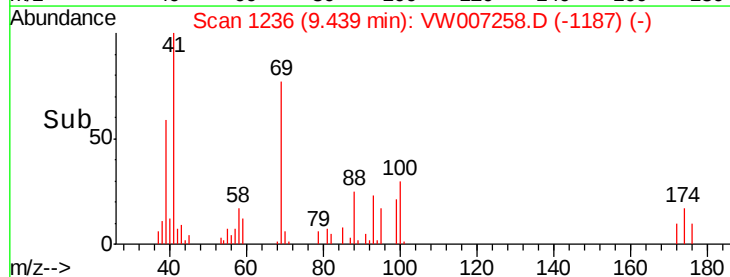
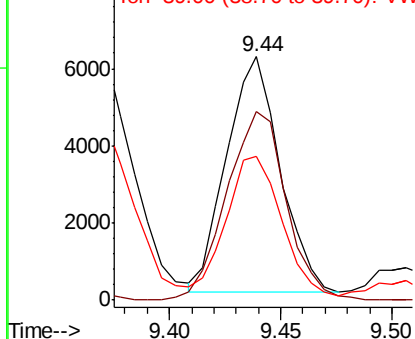
Lab File: VW007258.D

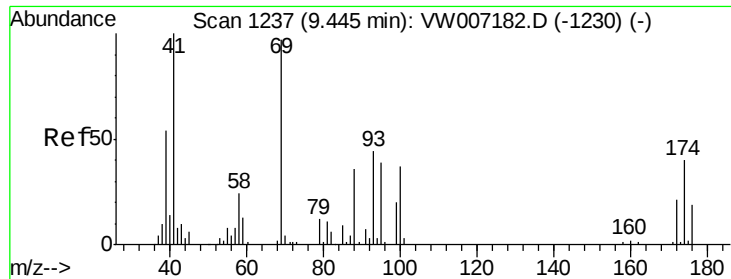
Acq: 06 Dec 2018 04:57

Tgt Ion:	41	Resp:	10261
Ion Ratio	Lower	Upper	
41	100		
69	88.8	69.6	104.4
39	60.3	42.4	63.6



Abundance Ion 41.00 (40.70 to 41.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 39.00 (38.70 to 39.70): VW





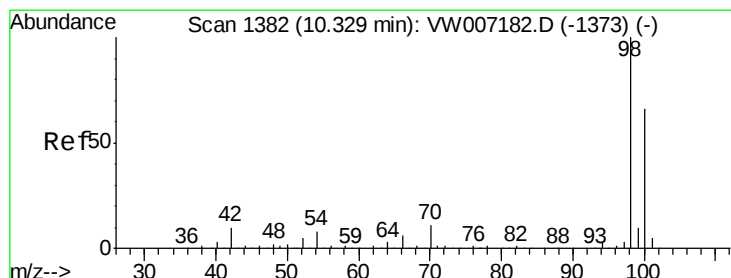
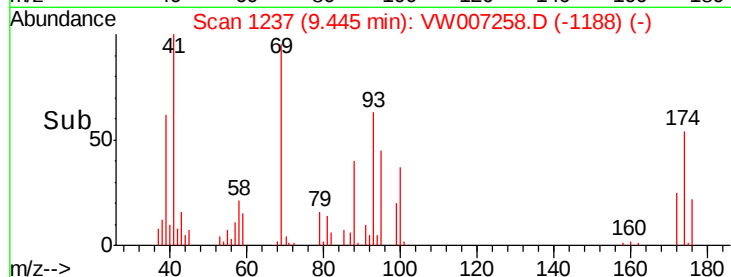
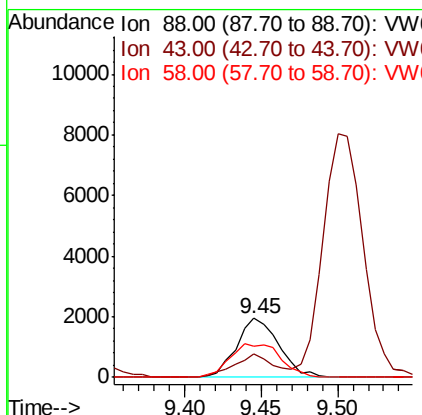
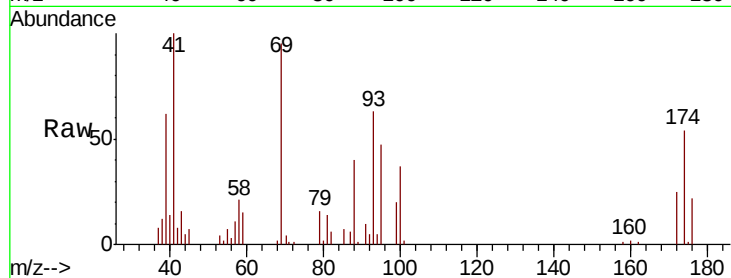
#49
1,4-Dioxane
Concen: 446.402 ug/l
RT: 9.45 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tgt Ion: 88 Resp: 3734
Ion Ratio Lower Upper
88 100
43 37.2 25.8 38.8
58 67.9 58.9 88.3

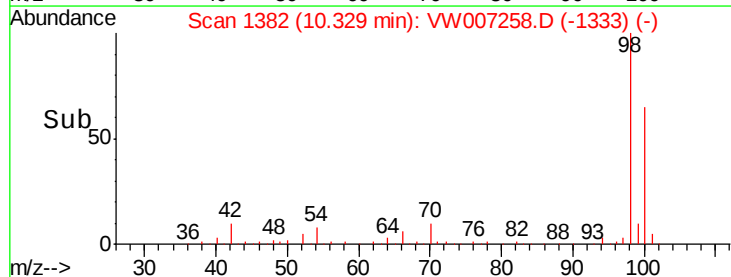
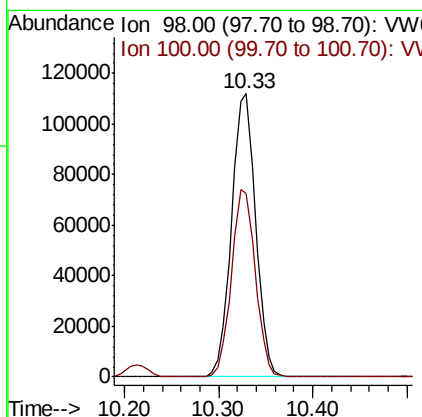
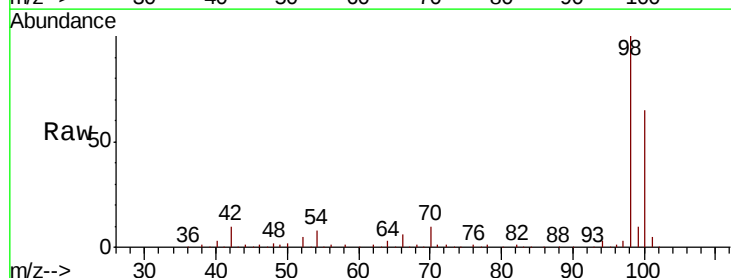
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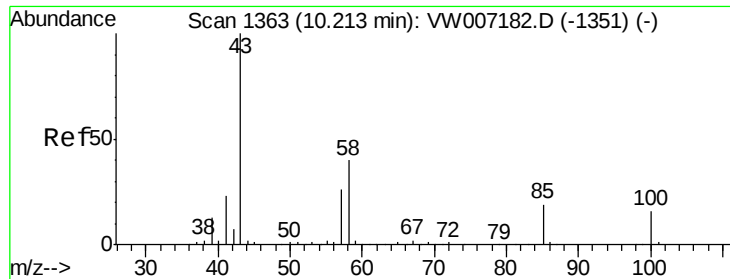
apatel
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#50
Toluene-d8
Concen: 53.224 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 98 Resp: 199237
Ion Ratio Lower Upper
98 100
100 65.7 52.7 79.1





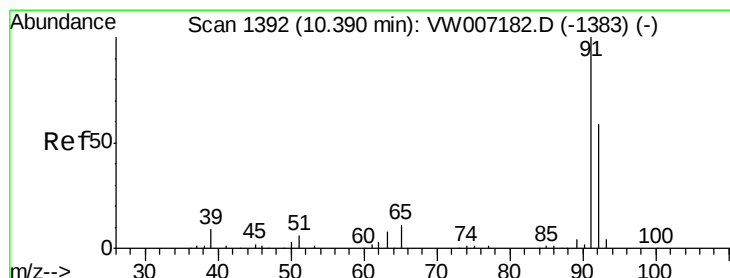
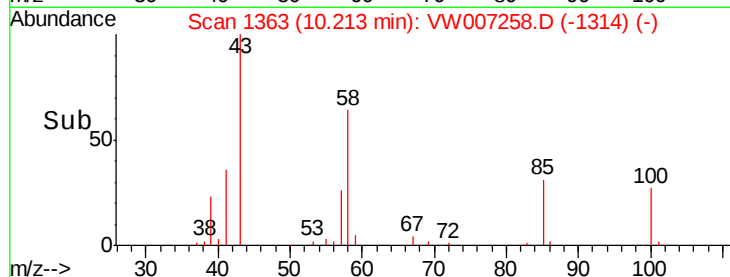
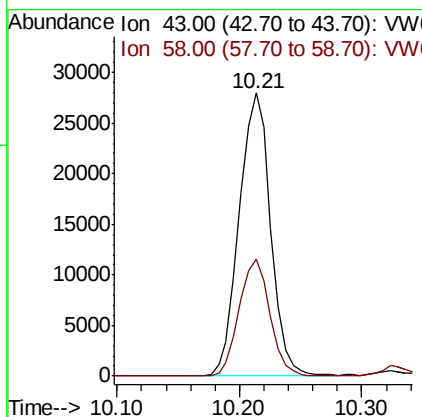
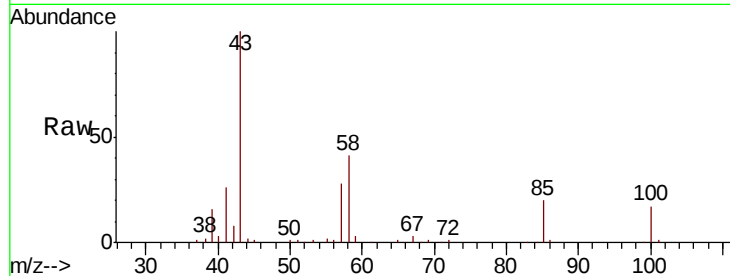
#51
4-Methyl-2-Pentanone
Concen: 99.918 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion: 43 Resp: 49955
Ion Ratio Lower Upper
43 100
58 40.3 32.3 48.5

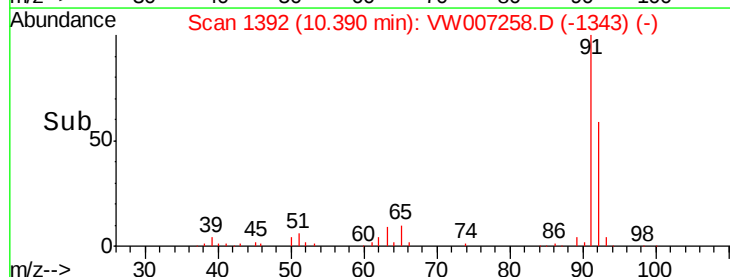
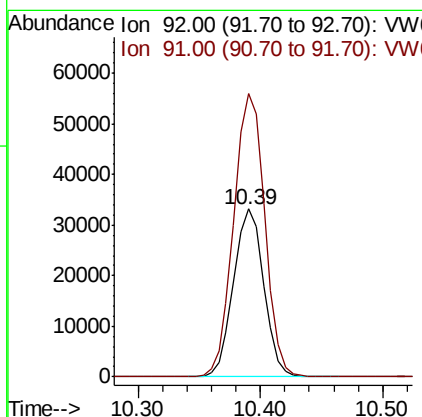
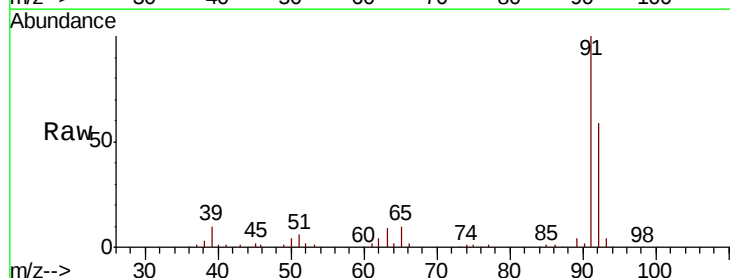
Manual Integrations
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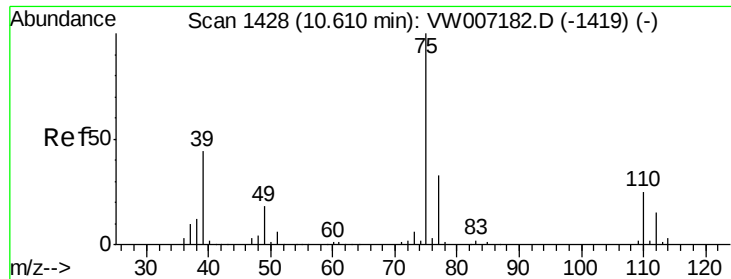
apatel
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#52
Toluene
Concen: 20.645 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 92 Resp: 56867
Ion Ratio Lower Upper
92 100
91 173.0 136.0 204.0





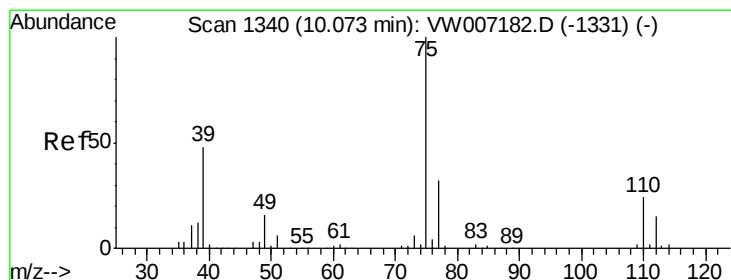
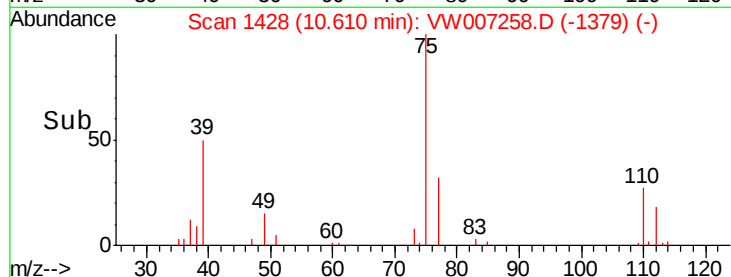
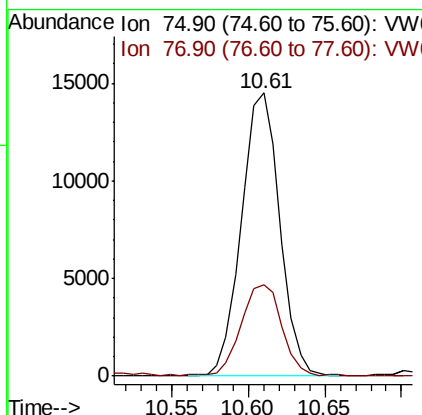
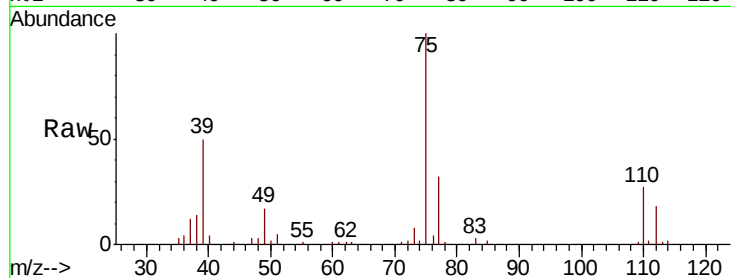
#53
 t-1,3-Dichloropropene
 Concen: 19.894 ug/l
 RT: 10.61 min Scan# 1428
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion: 75 Resp: 25192
 Ion Ratio Lower Upper
 75 100
 77 32.0 26.2 39.2

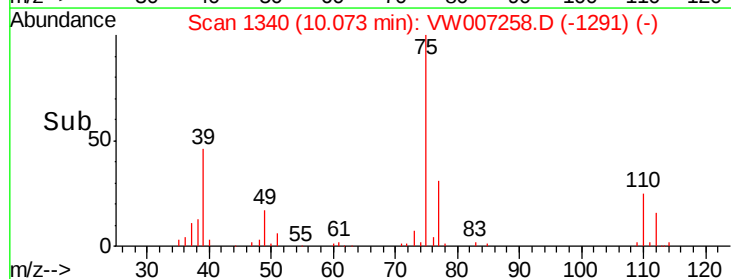
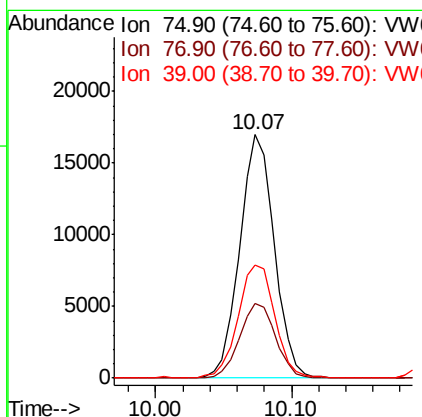
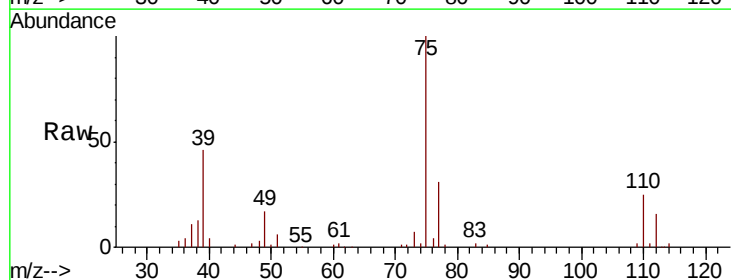
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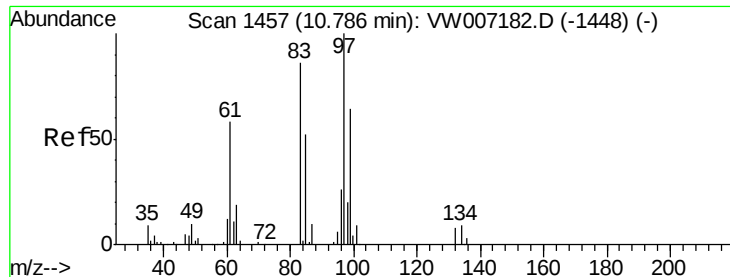
apatel
 12/6/2018 3:11:37 PM



#54
 cis-1,3-Dichloropropene
 Concen: 20.335 ug/l
 RT: 10.07 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion: 75 Resp: 30178
 Ion Ratio Lower Upper
 75 100
 77 30.6 26.0 39.0
 39 46.5 38.0 57.0





#55

1,1,2-Trichloroethane

Concen: 21.631 ug/l

RT: 10.79 min Scan# 1457

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

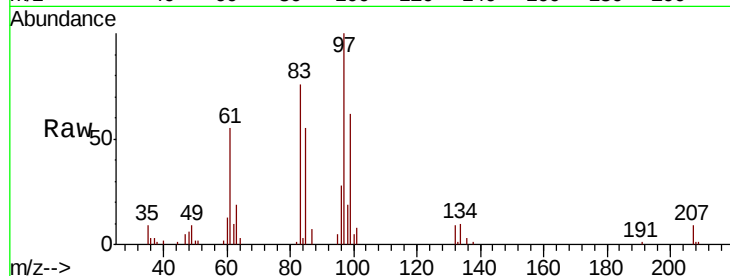
ClientSampleId :

VW1205SBSD02

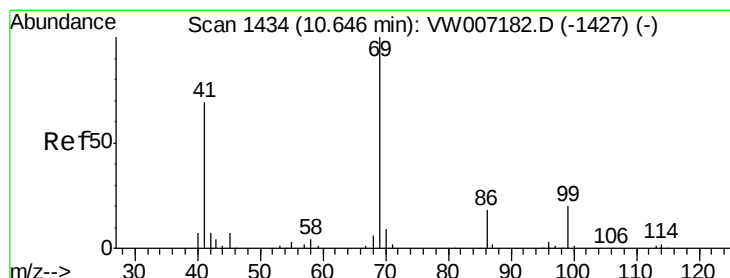
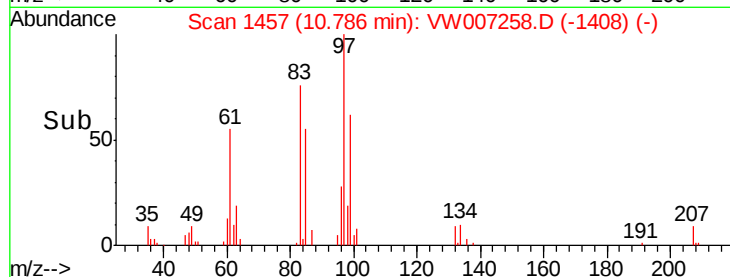
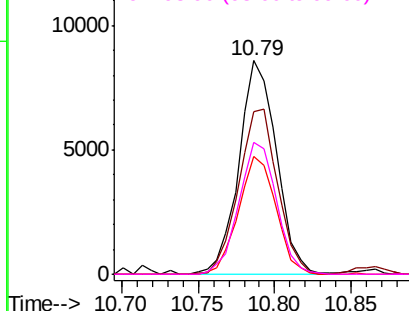
Tgt Ion:	97	Resp:	14733
Ion	Ratio	Lower	Upper
97	100		
83	76.3	68.6	102.8
85	55.3	41.4	62.2
99	61.7	51.2	76.8

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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: 20.171 ug/l

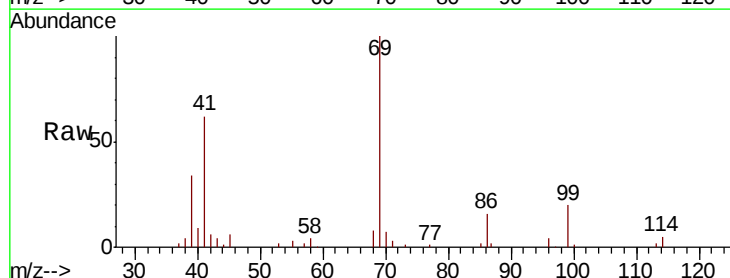
RT: 10.65 min Scan# 1435

Delta R.T. 0.01 min

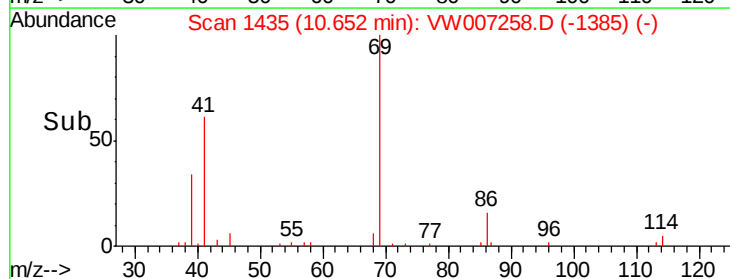
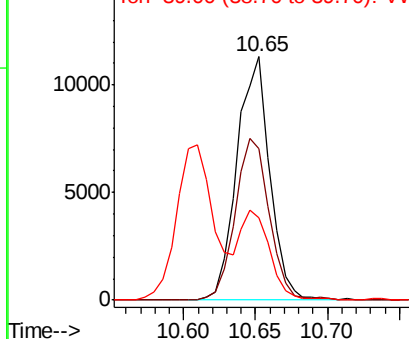
Lab File: VW007258.D

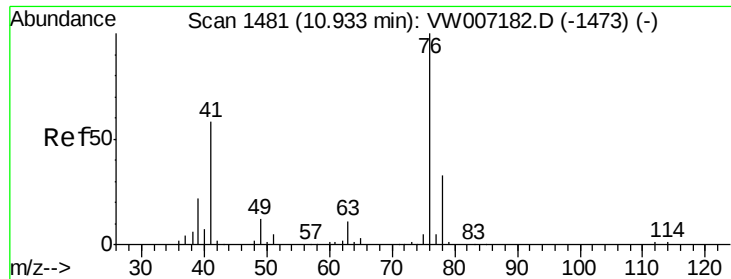
Acq: 06 Dec 2018 04:57

Tgt Ion:	69	Resp:	17921
Ion	Ratio	Lower	Upper
69	100		
41	68.8	51.8	77.6
39	32.7	28.7	43.1



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





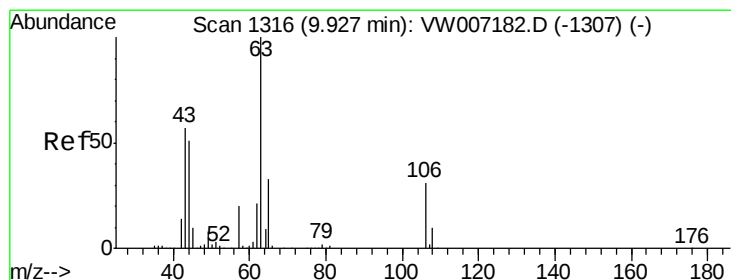
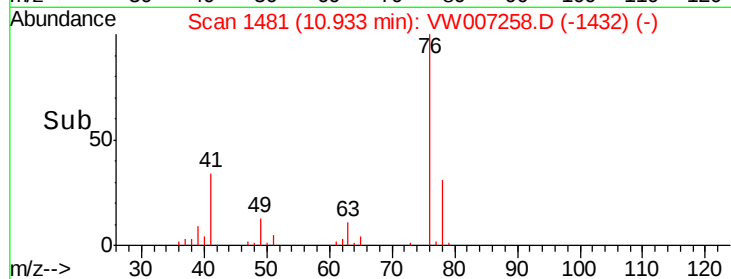
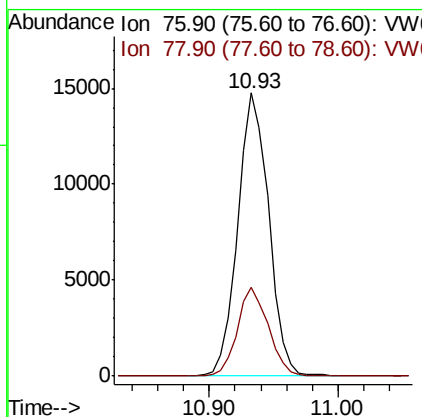
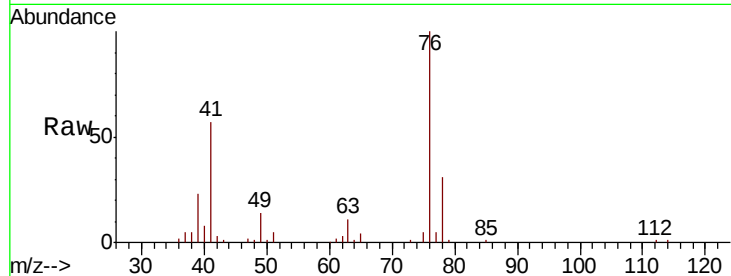
#57
 1,3-Dichloropropane
 Concen: 21.303 ug/l
 RT: 10.93 min Scan# 1481
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion: 76 Resp: 24496
 Ion Ratio Lower Upper
 76 100
 78 31.3 26.6 40.0

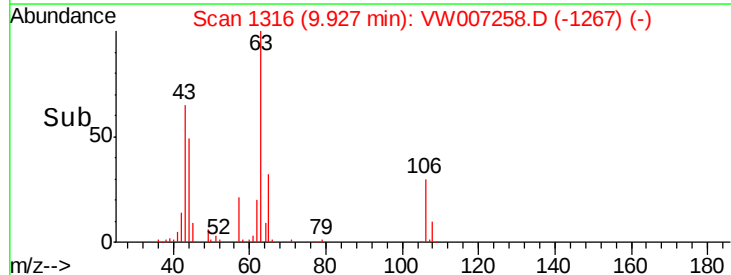
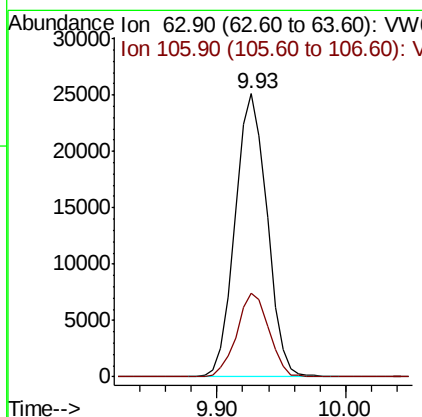
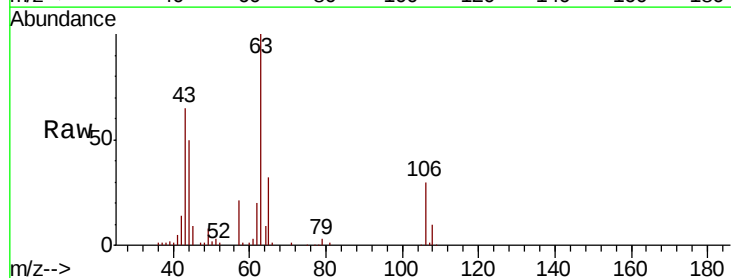
Manual Integrations
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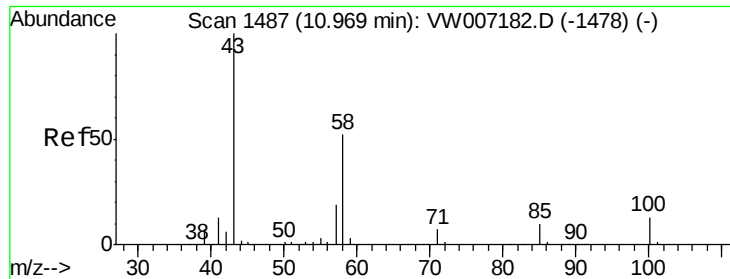
apatel
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#58
 2-Chloroethyl Vinyl ether
 Concen: 121.275 ug/l
 RT: 9.93 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion: 63 Resp: 43278
 Ion Ratio Lower Upper
 63 100
 106 29.6 24.1 36.1





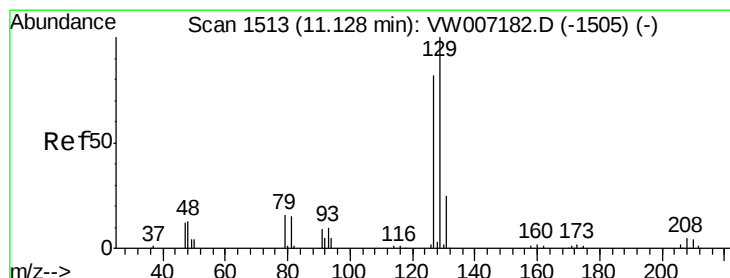
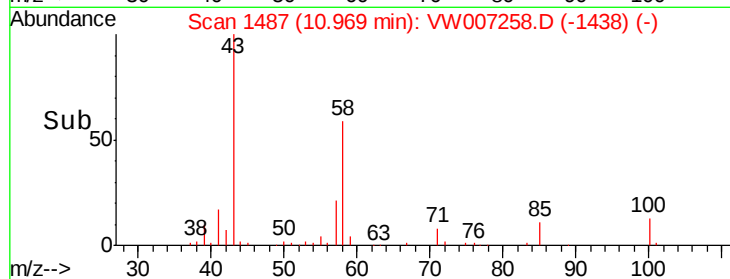
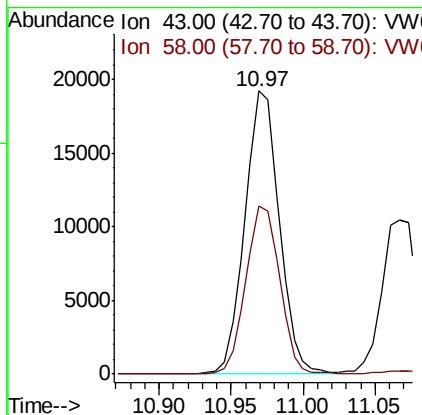
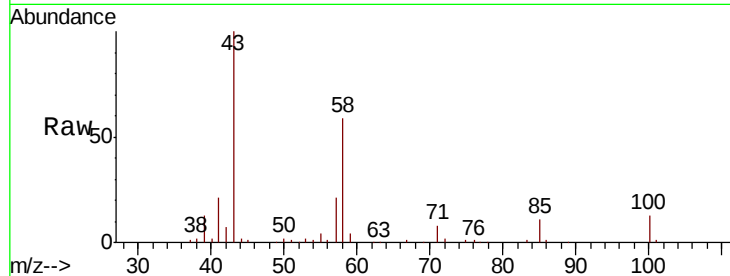
#59
2-Hexanone
Concen: 87.741 ug/l
RT: 10.97 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tgt Ion: 43 Resp: 31800
Ion Ratio Lower Upper
43 100
58 58.4 28.1 84.4

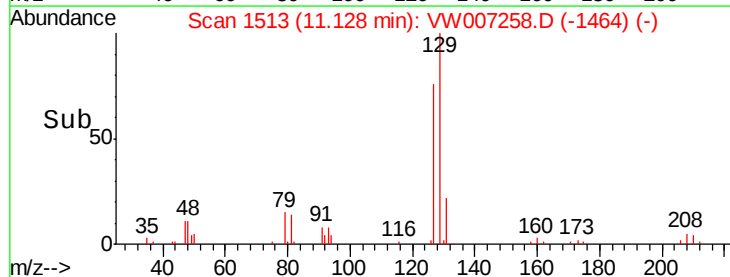
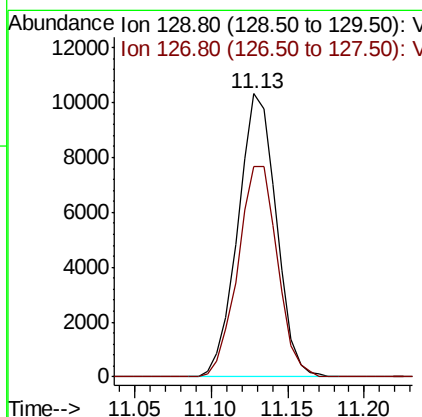
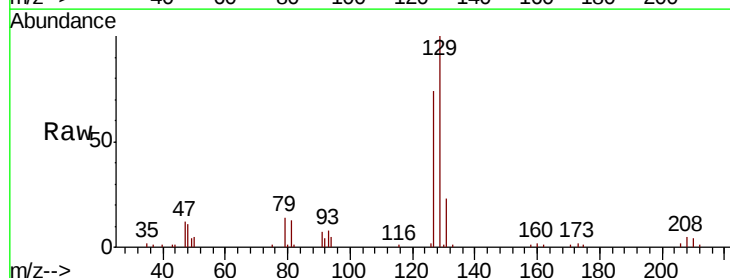
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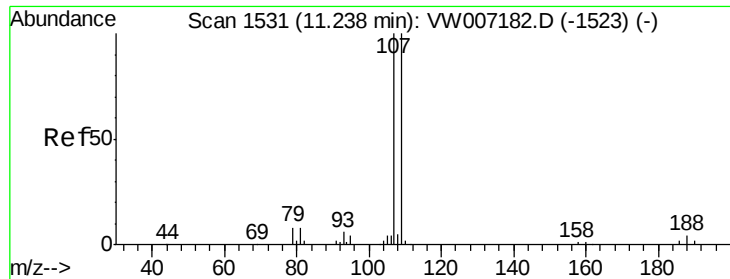
apatel
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#60
Dibromochloromethane
Concen: 21.445 ug/l
RT: 11.13 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 129 Resp: 17952
Ion Ratio Lower Upper
129 100
127 76.7 39.8 119.4





#61

1,2-Dibromoethane

Concen: 20.577 ug/l

RT: 11.24 min Scan# 1531

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

Tgt Ion: 107 Resp: 13442

Ion Ratio Lower Upper

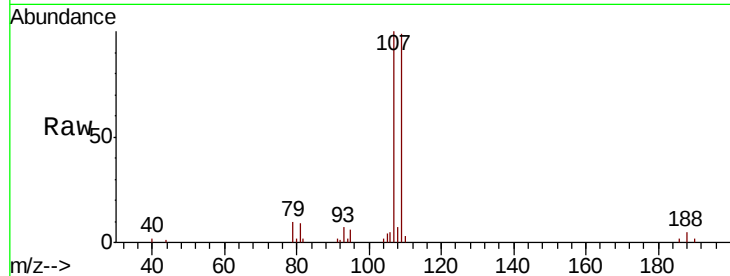
107 100

109 97.0 77.3 115.9

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

11.24

8000

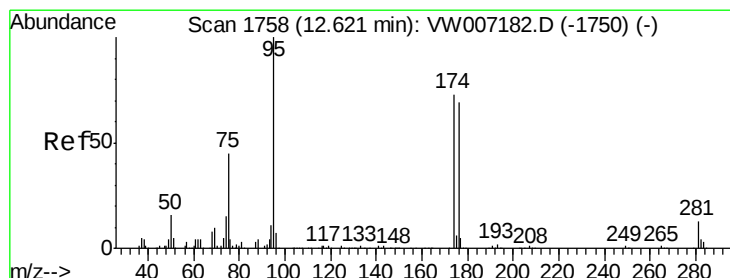
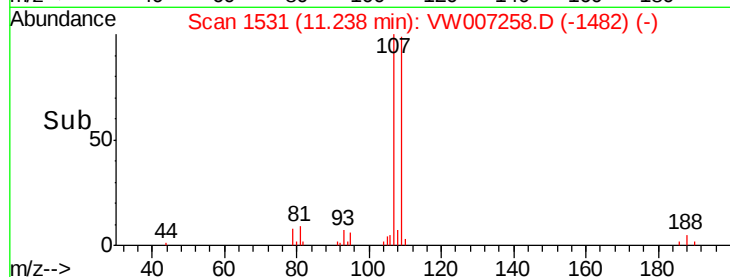
6000

4000

2000

0

Time--> 11.15 11.20 11.25 11.30



#62

4-Bromofluorobenzene

Concen: 51.029 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

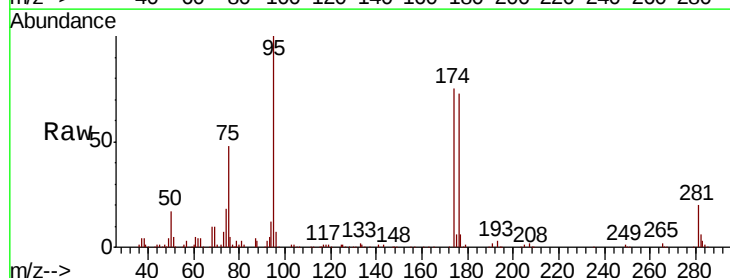
Tgt Ion: 95 Resp: 72100

Ion Ratio Lower Upper

95 100

174 73.5 0.0 148.0

176 73.9 0.0 139.4



Abundance Ion 94.90 (94.60 to 95.60): VW

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

60000

50000

40000

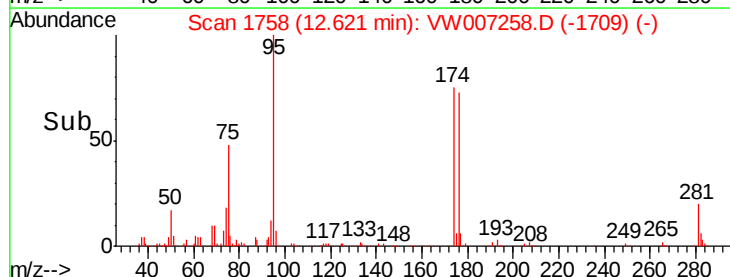
30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70





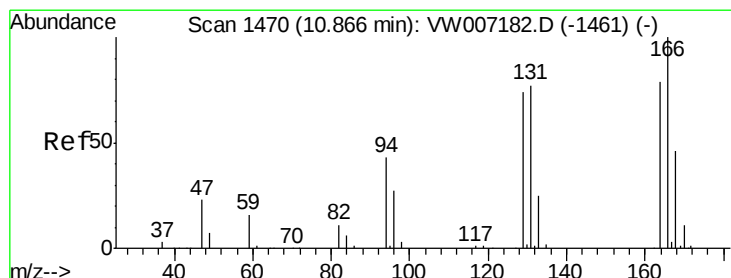
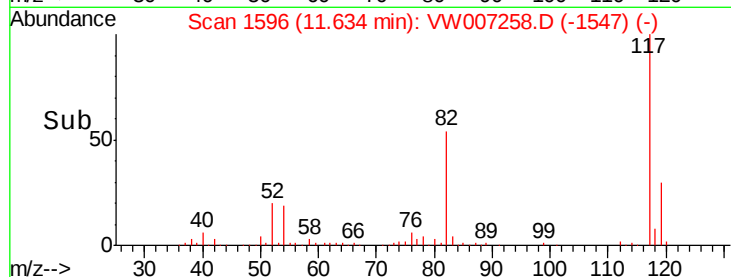
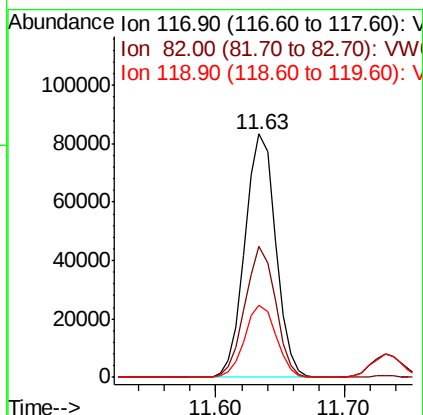
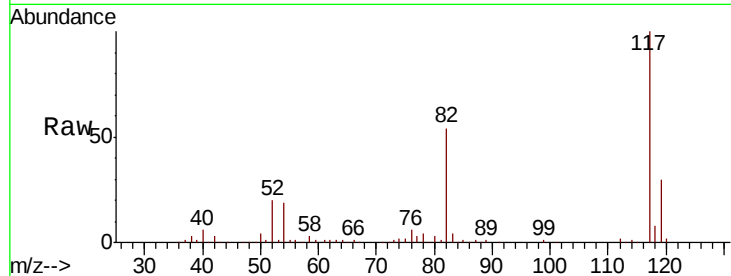
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tgt Ion	Ratio	Lower	Upper
117	100		
82	54.0	47.4	71.2
119	29.8	26.8	40.2

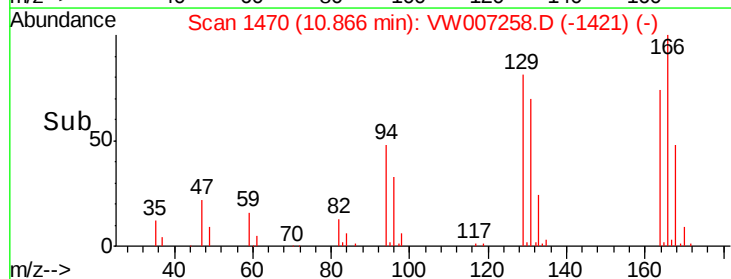
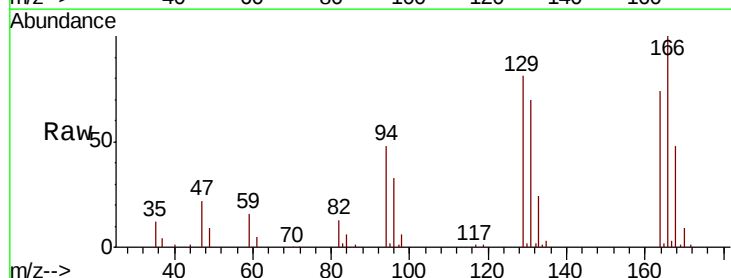
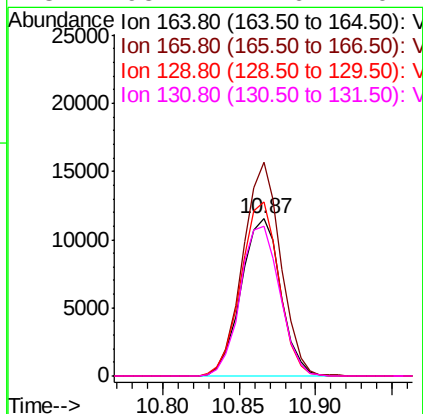
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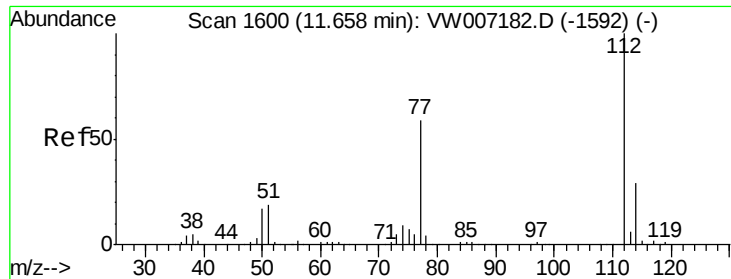
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#64
Tetrachloroethene
Concen: 20.666 ug/l
RT: 10.87 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
164	100		
166	136.0	101.0	151.4
129	110.5	74.6	111.8
131	95.7	77.6	116.4





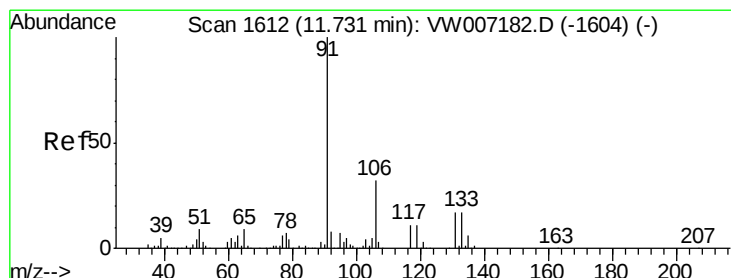
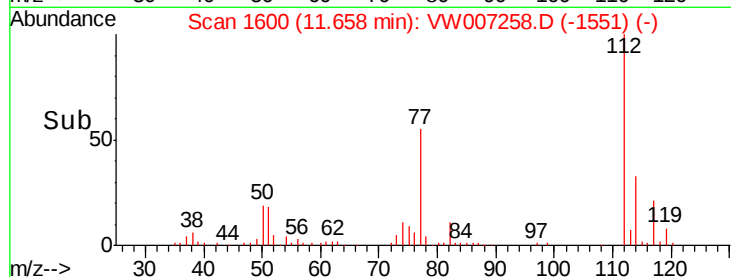
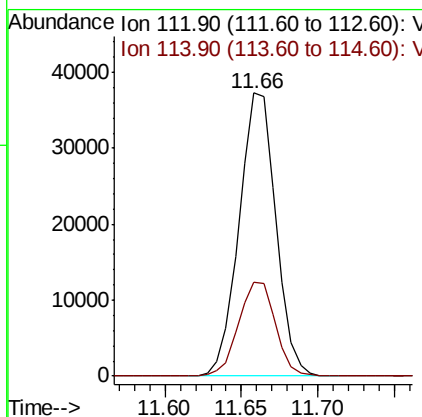
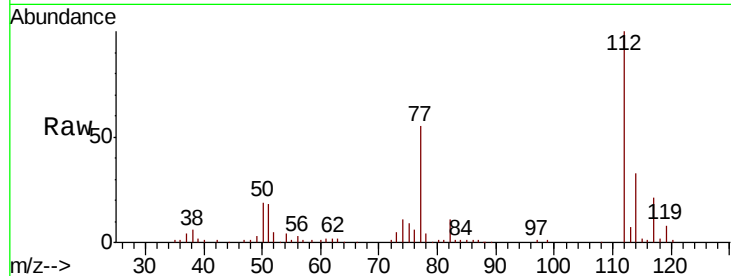
#65
Chlorobenzene
Concen: 20.293 ug/l
RT: 11.66 min Scan# 1600
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion:112 Resp: 62283
Ion Ratio Lower Upper
112 100
114 33.3 23.0 34.4

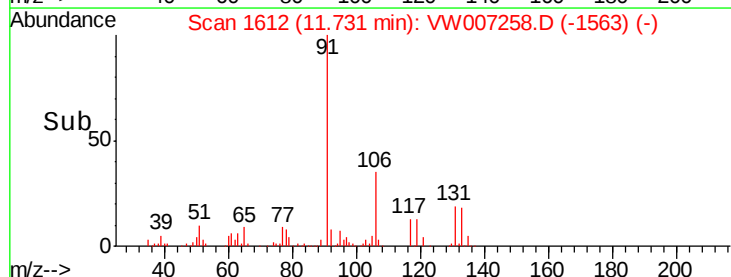
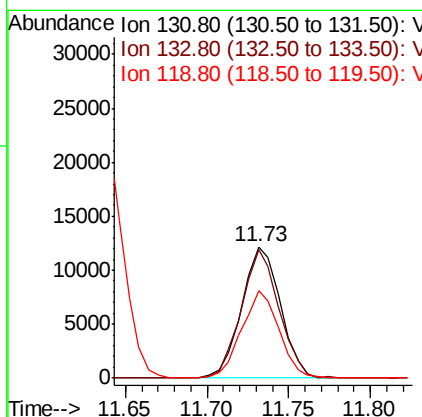
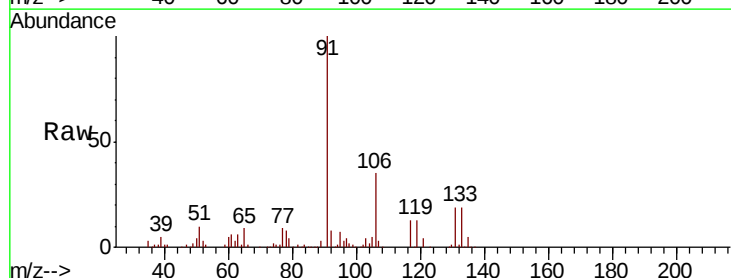
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#66
1,1,1,2-Tetrachloroethane
Concen: 21.268 ug/l
RT: 11.73 min Scan# 1612
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion:131 Resp: 20159
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 64.2 32.8 98.4





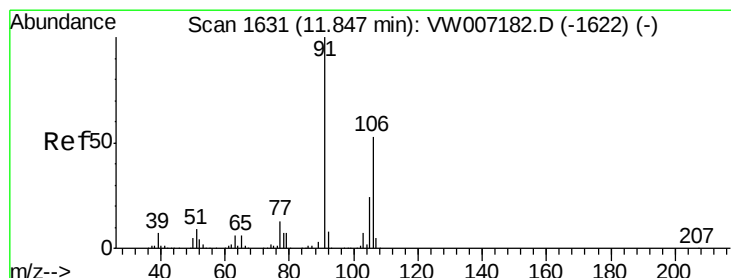
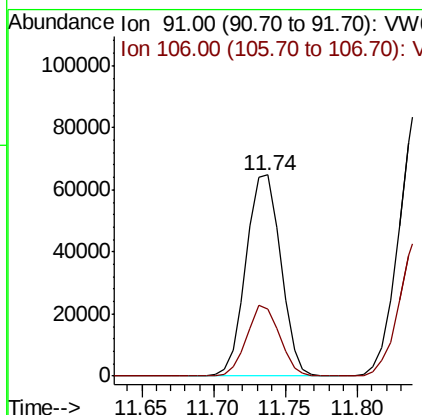
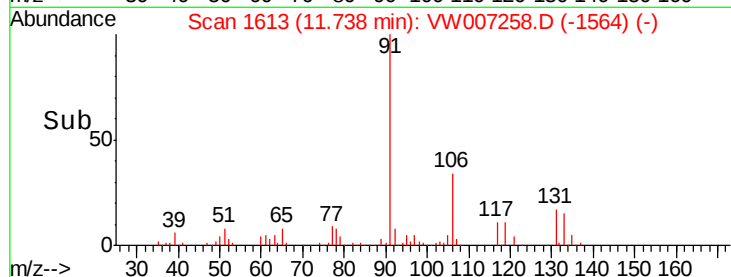
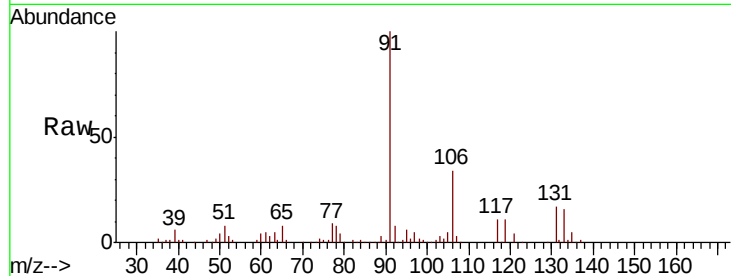
#67
Ethyl Benzene
Concen: 19.394 ug/l
RT: 11.74 min Scan# 1613
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tgt Ion: 91 Resp: 108488
Ion Ratio Lower Upper
91 100
106 33.6 26.0 39.0

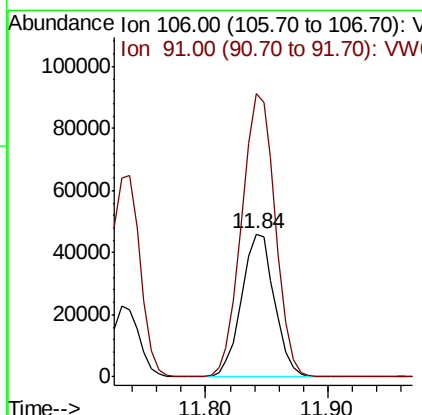
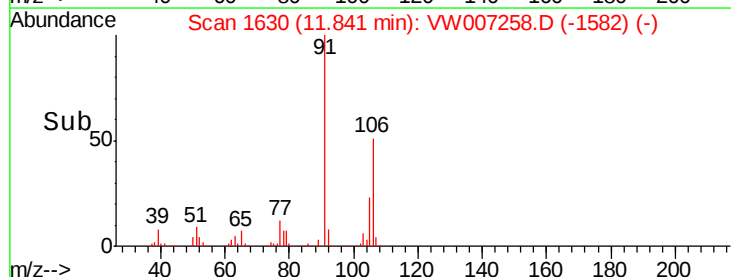
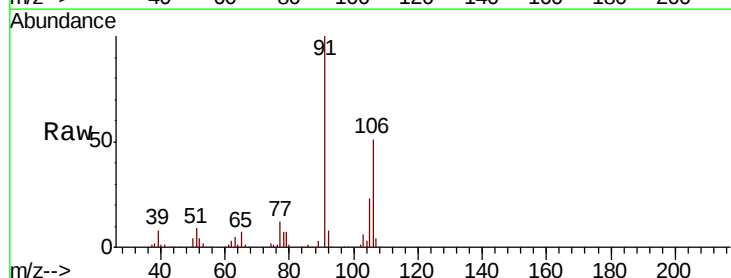
Manual Integrations
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#68
m/p-Xylenes
Concen: 39.105 ug/l
RT: 11.84 min Scan# 1630
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion: 106 Resp: 85814
Ion Ratio Lower Upper
106 100
91 203.2 160.2 240.4





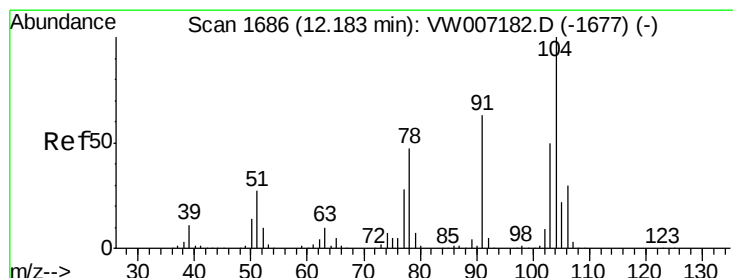
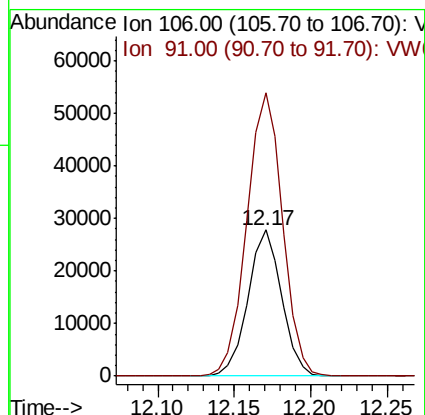
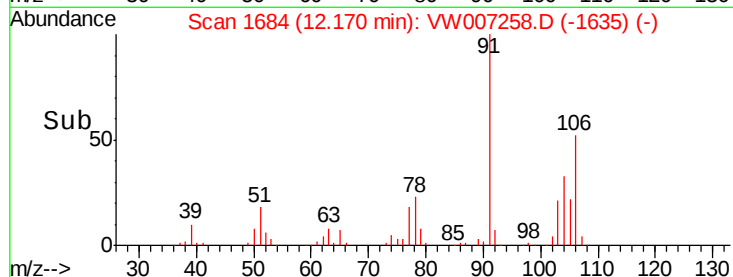
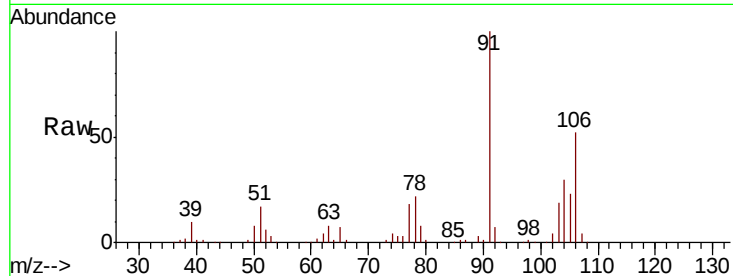
#69
o-Xylene
Concen: 20.670 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion:106 Resp: 42379
Ion Ratio Lower Upper
106 100
91 205.6 104.9 314.7

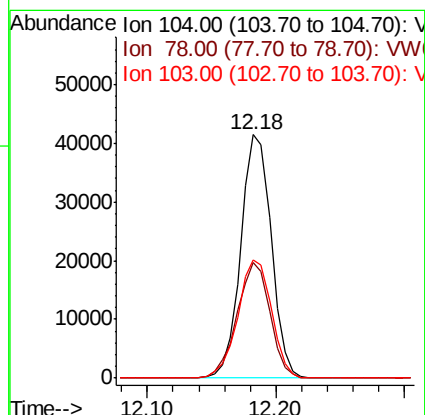
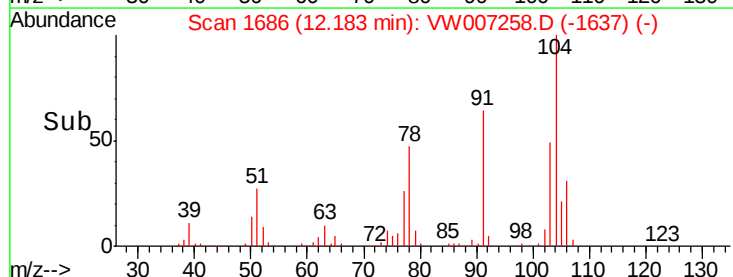
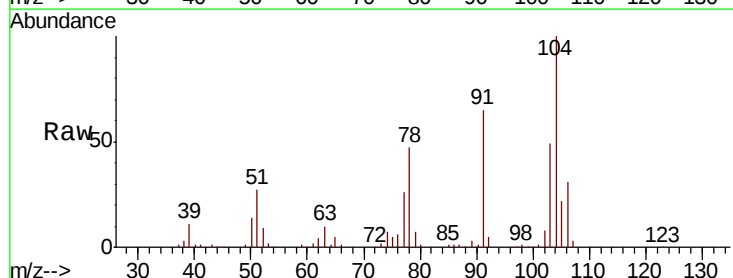
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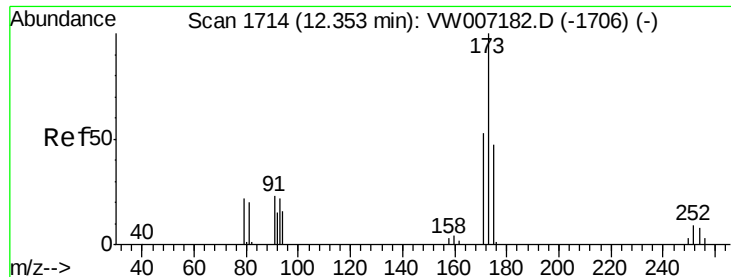
apatel
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#70
Styrene
Concen: 20.235 ug/l
RT: 12.18 min Scan# 1686
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion:104 Resp: 67914
Ion Ratio Lower Upper
104 100
78 51.4 40.6 60.8
103 54.0 43.0 64.4





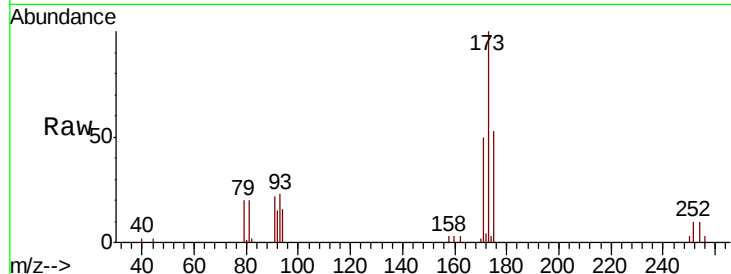
#71
Bromoform
Concen: 20.321 ug/l
RT: 12.35 min Scan# 1714
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

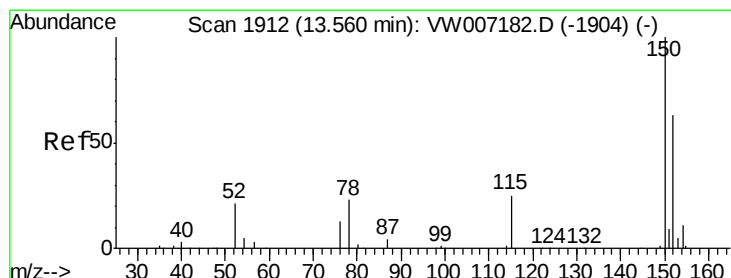
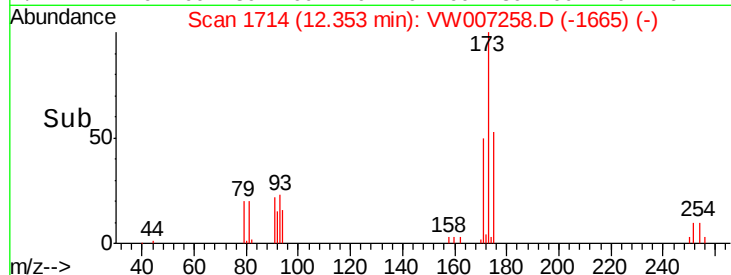
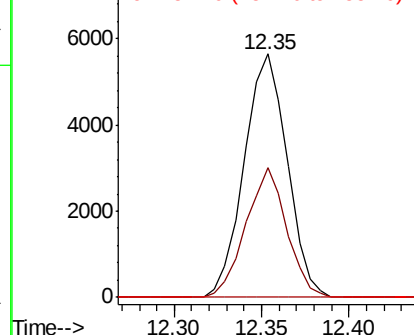
Tgt Ion	Ratio	Lower	Upper
173	100		
175	50.3	24.0	72.0
254	0.0	0.0	0.0

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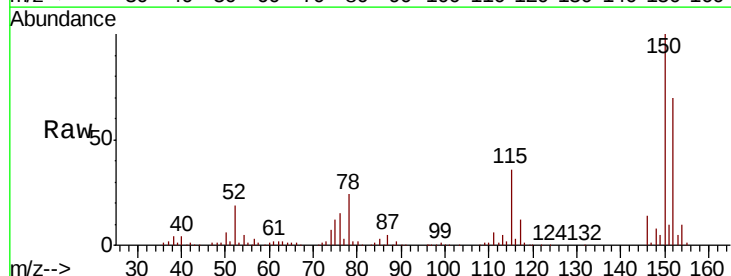


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

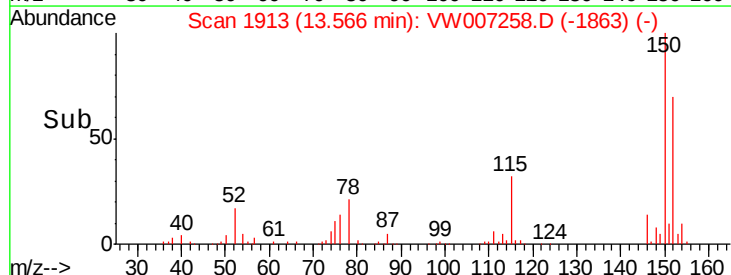
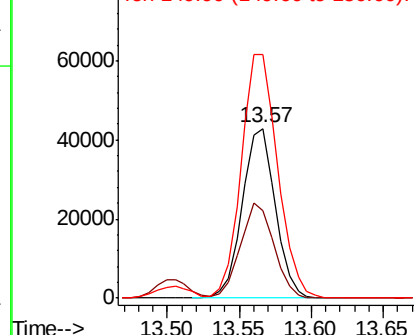


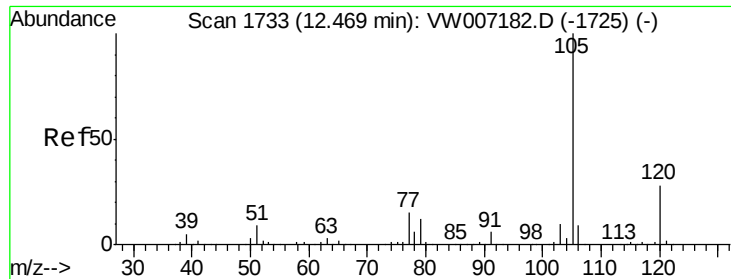
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.0	31.3	93.8
150	158.1	0.0	358.0



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: 20.209 ug/l

RT: 12.47 min Scan# 1733

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

Tgt Ion: 105 Resp: 112076

Ion Ratio Lower Upper

105 100

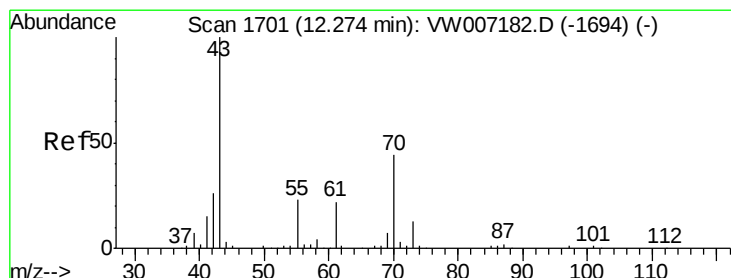
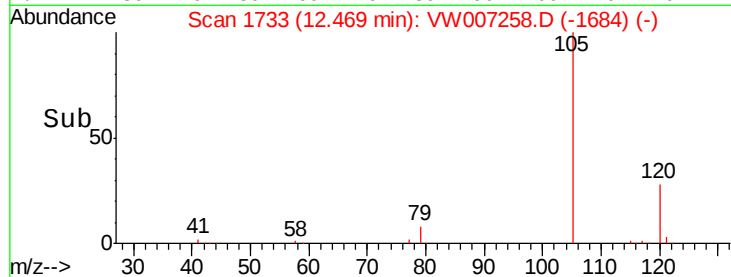
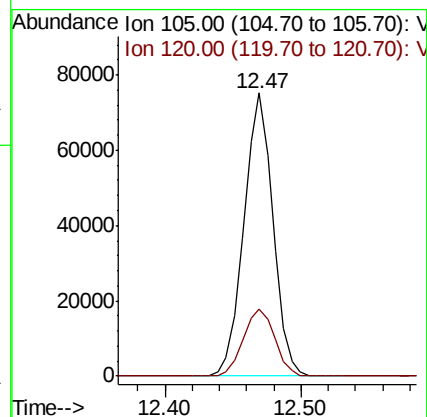
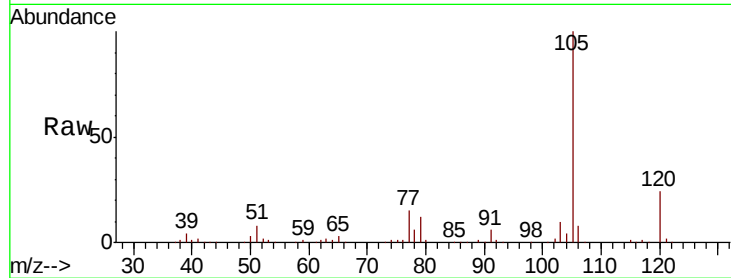
120 25.5 13.2 39.6

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#74

N-ethyl acetate

Concen: 19.542 ug/l

RT: 12.27 min Scan# 1701

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Tgt Ion: 43 Resp: 19215

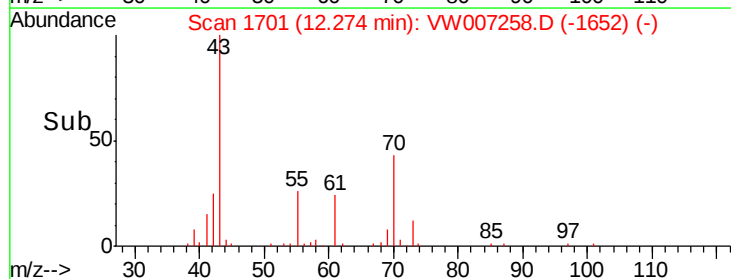
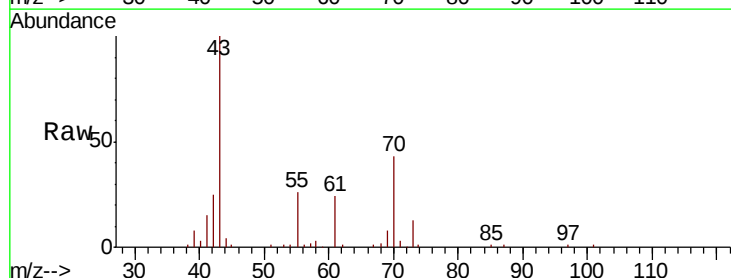
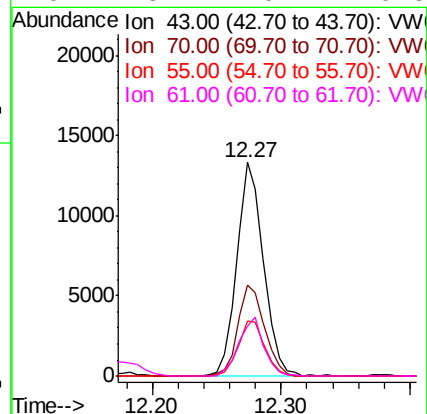
Ion Ratio Lower Upper

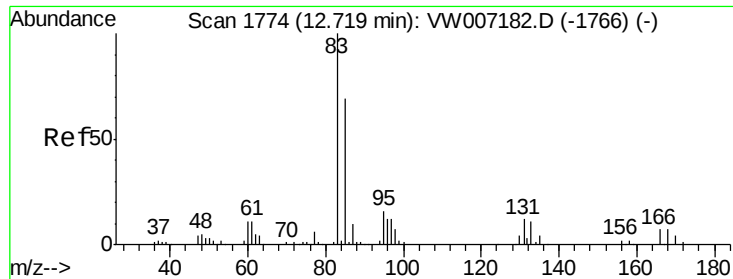
43 100

70 42.7 34.0 51.0

55 25.6 19.0 28.6

61 25.7 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 20.683 ug/l

RT: 12.71 min Scan# 1773

Delta R.T. -0.01 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

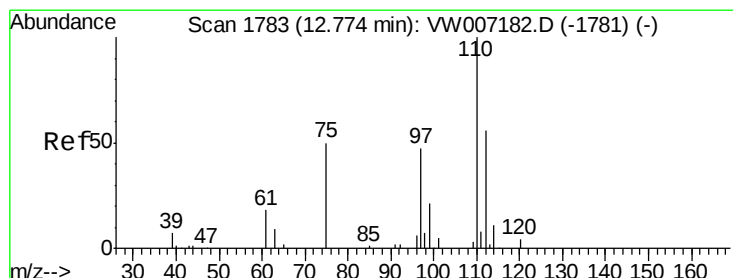
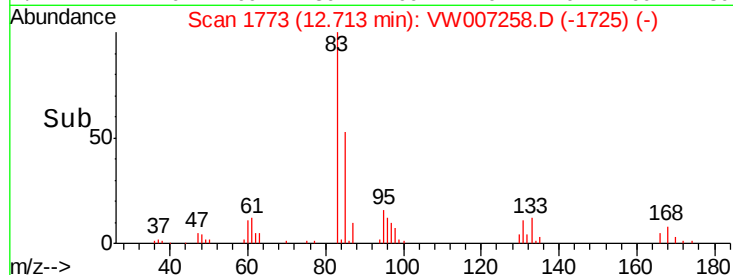
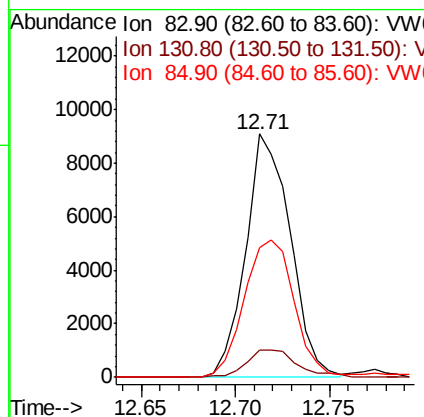
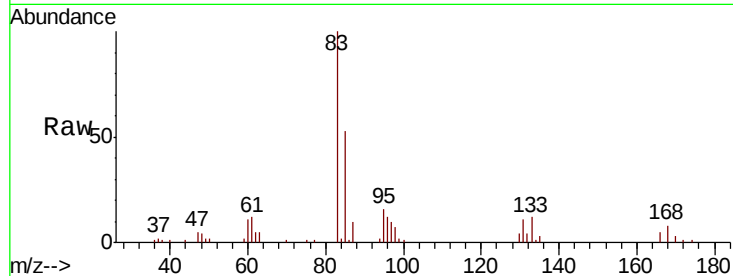
ClientSampleId :

VW1205SBS02

Tgt Ion:	83	Resp:	14897
Ion Ratio	Lower	Upper	
83	100		
131	13.1	6.0	18.1
85	63.6	33.0	99.0

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#76

1,2,3-Trichloropropane

Concen: 23.349 ug/l m

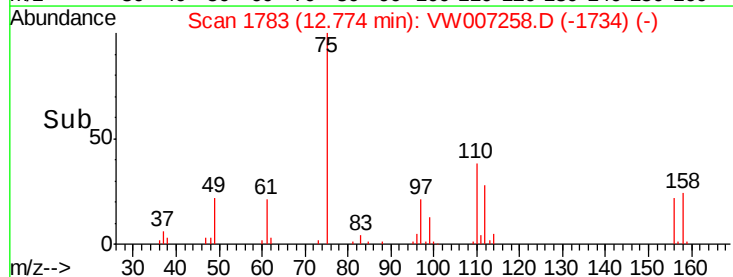
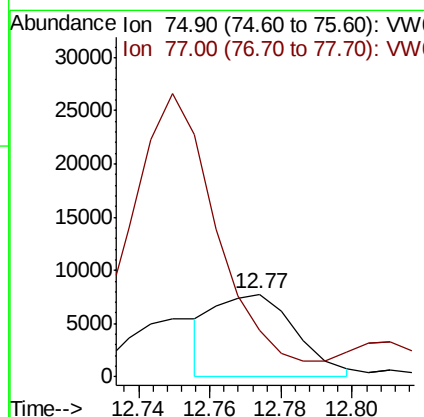
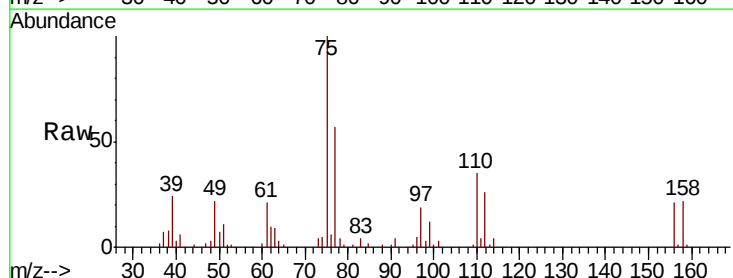
RT: 12.77 min Scan# 1783

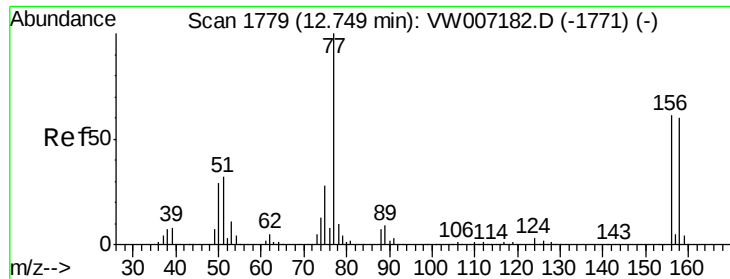
Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Tgt Ion:	75	Resp:	12328
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 21.380 ug/l

RT: 12.75 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

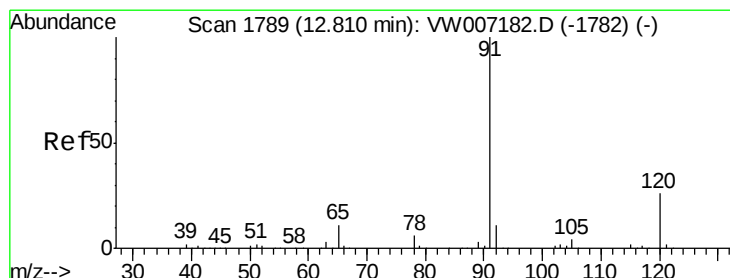
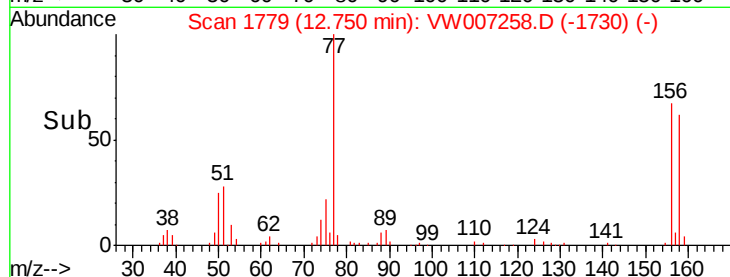
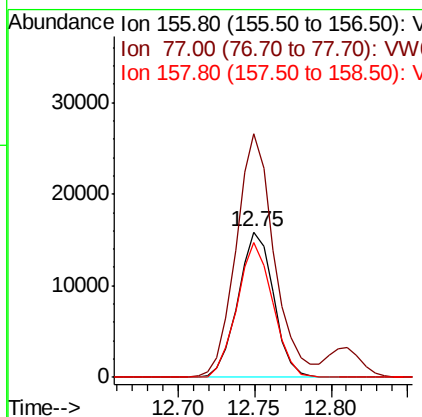
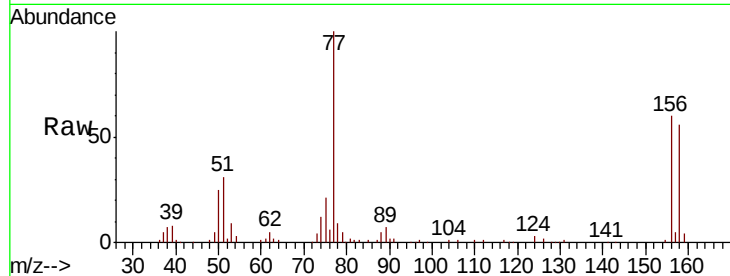
ClientSampleId :

VW1205SBSD02

Tgt Ion:	156	Resp:	25594
Ion Ratio	Lower	Upper	
156	100		
77	178.1	92.0	276.1
158	92.9	49.0	147.0

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#78

n-propylbenzene

Concen: 19.836 ug/l

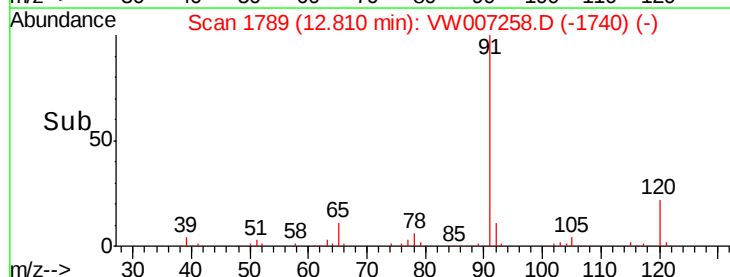
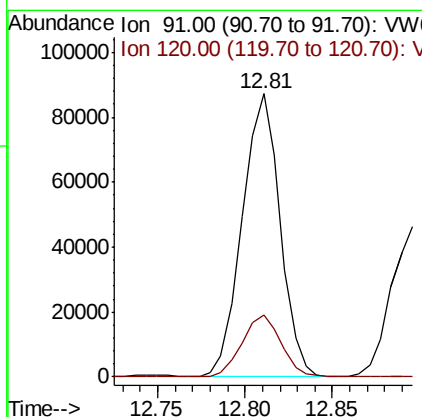
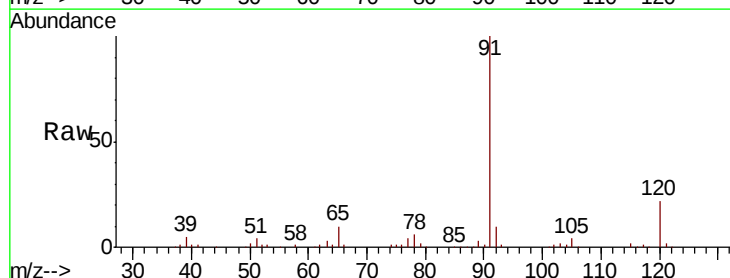
RT: 12.81 min Scan# 1789

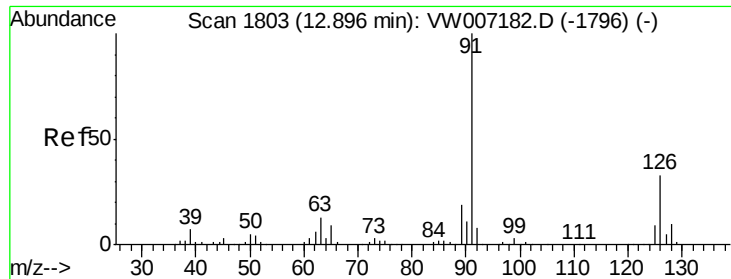
Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Tgt Ion:	91	Resp:	131065
Ion Ratio	Lower	Upper	
91	100		
120	22.6	12.5	37.5





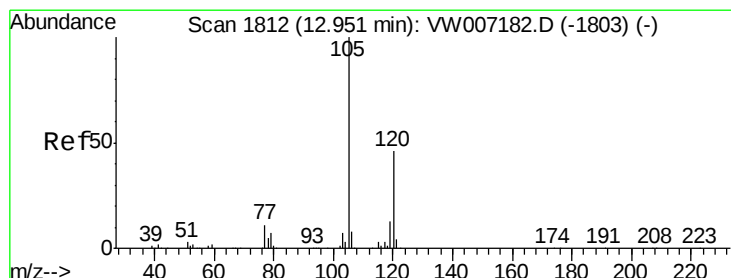
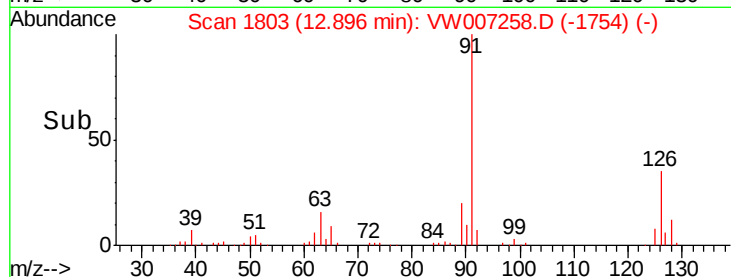
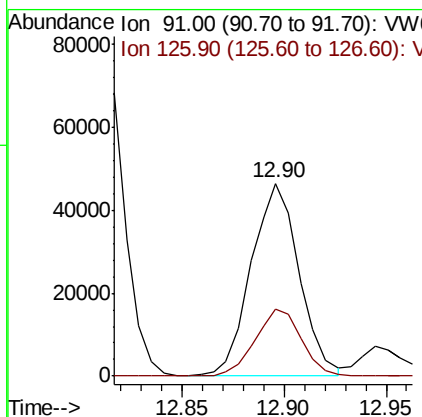
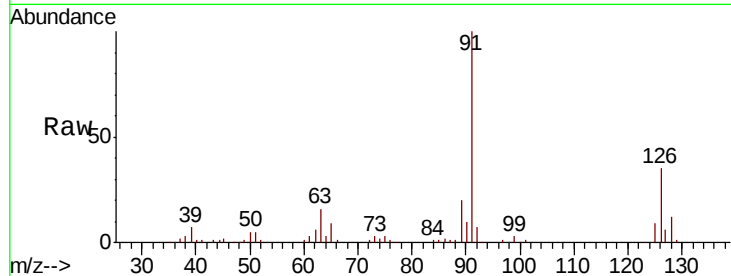
#79
 2-Chlorotoluene
 Concen: 20.242 ug/l
 RT: 12.90 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion: 91 Resp: 75527
 Ion Ratio Lower Upper
 91 100
 126 33.9 16.7 50.1

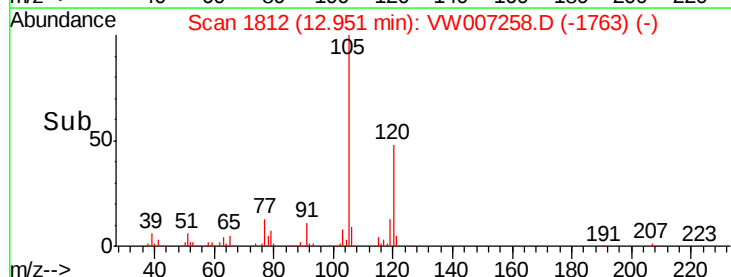
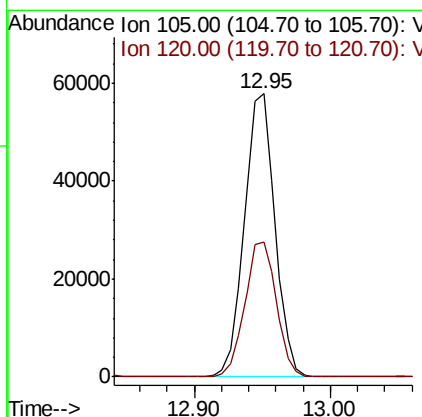
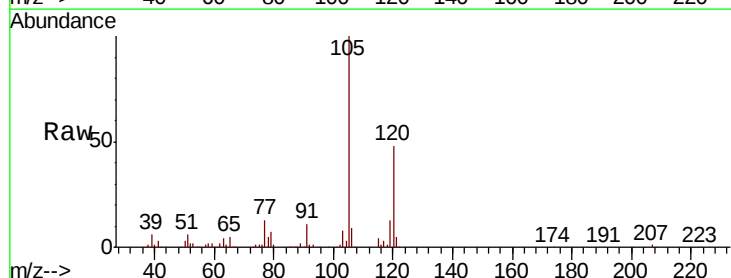
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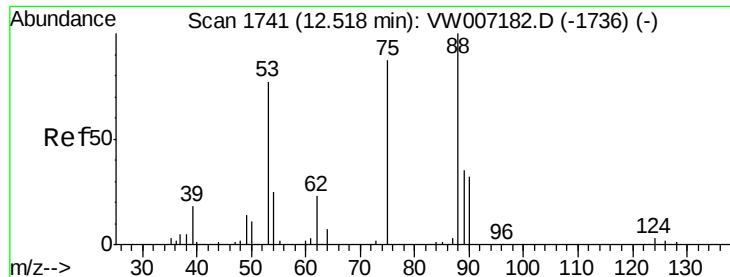
apatel
 12/6/2018 3:11:37 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 19.202 ug/l
 RT: 12.95 min Scan# 1812
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion: 105 Resp: 91102
 Ion Ratio Lower Upper
 105 100
 120 49.0 23.8 71.5





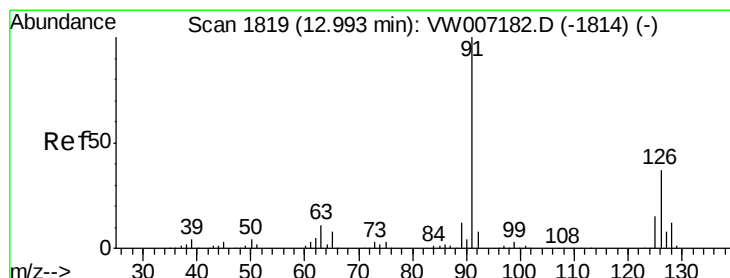
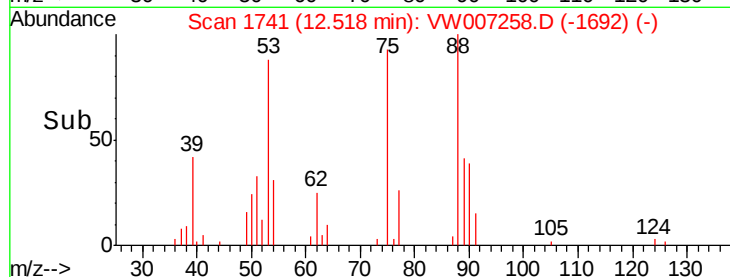
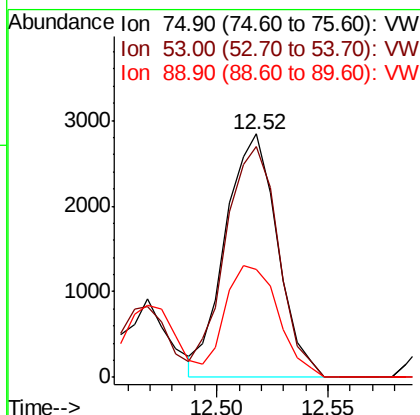
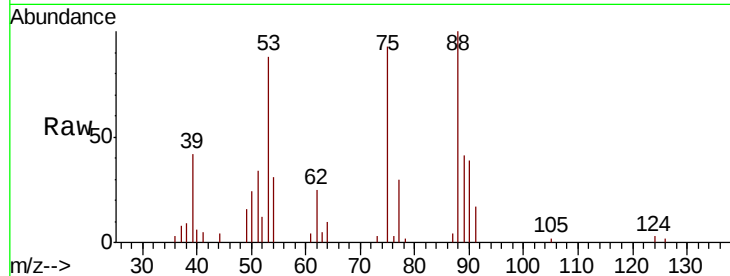
#81
trans-1,4-Dichloro-2-butene
Concen: 18.835 ug/l
RT: 12.52 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tgt Ion	Ratio	Lower	Upper
75	100		
53	97.4	72.8	109.2
89	46.6	36.4	54.6

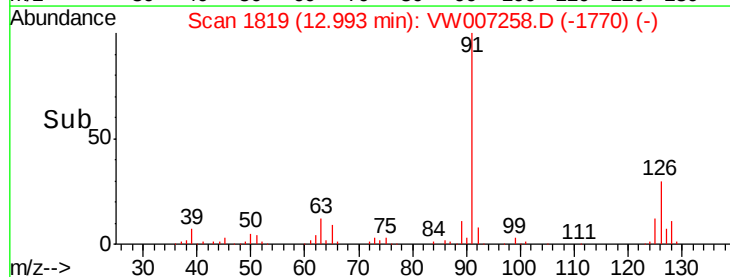
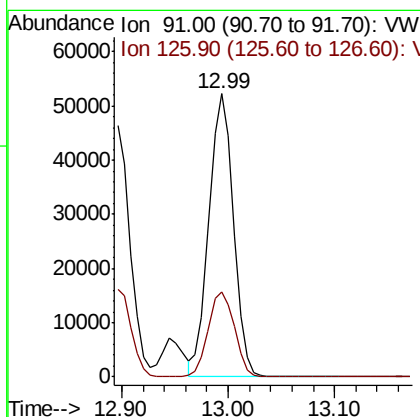
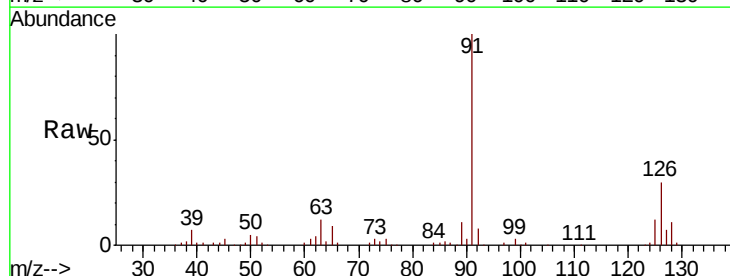
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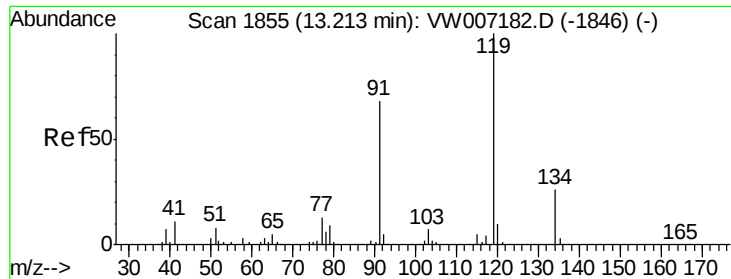
apatel
12/6/2018 3:11:37 PM



#82
4-Chlorotoluene
Concen: 20.758 ug/l
RT: 12.99 min Scan# 1819
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.3	17.4	52.3





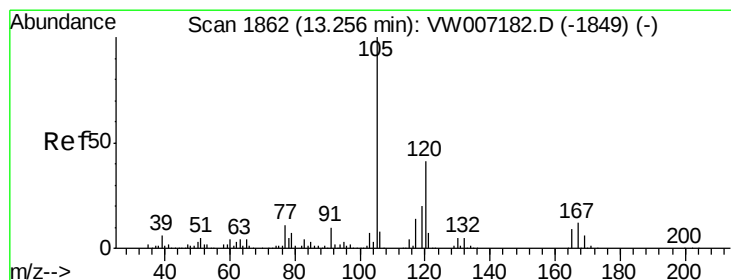
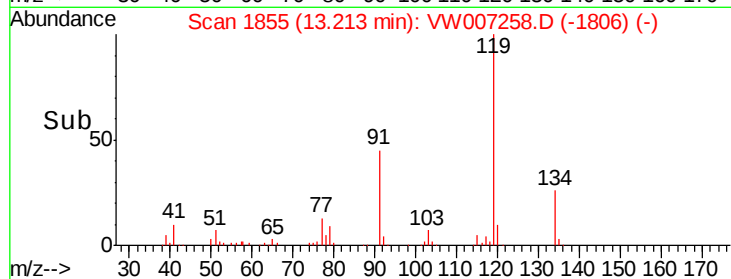
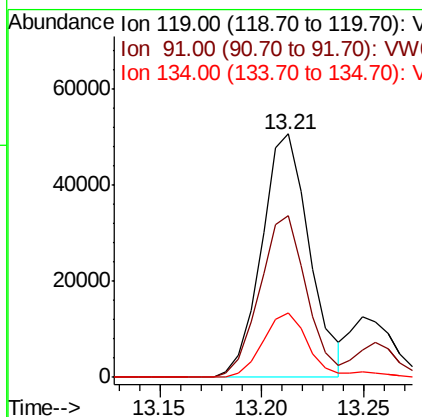
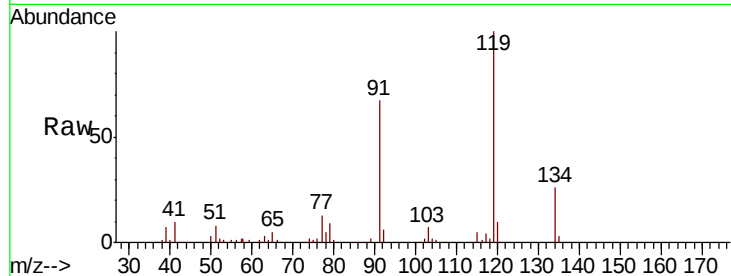
#83
tert-Butylbenzene
Concen: 20.070 ug/l
RT: 13.21 min Scan# 1855
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
119	100		
91	64.9	34.0	101.8
134	24.9	13.2	39.5

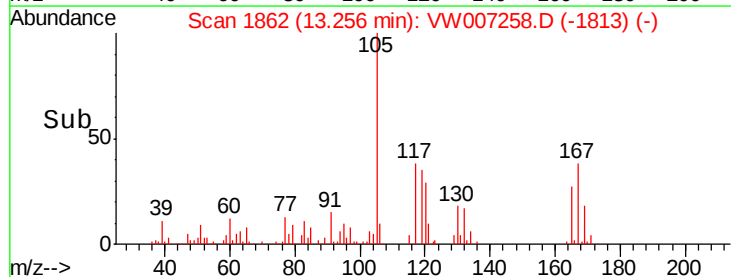
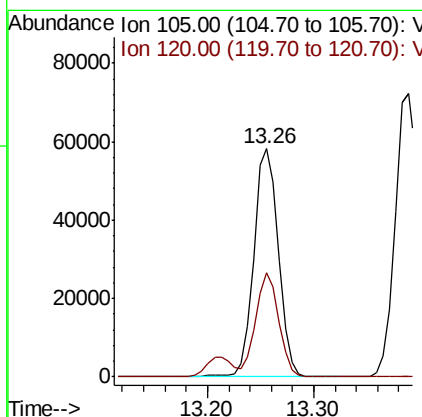
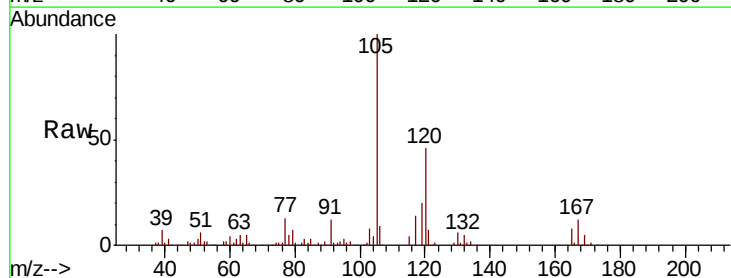
Manual Integrations
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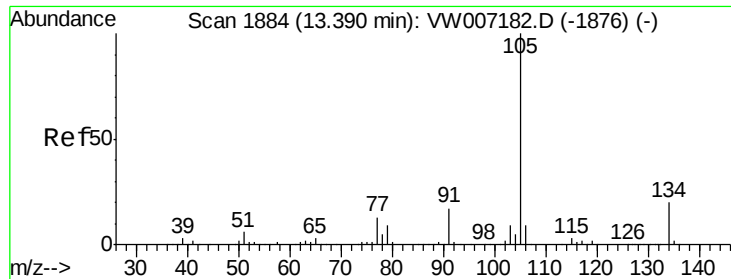
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#84
1,2,4-Trimethylbenzene
Concen: 19.426 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
105	100		
120	42.8	21.1	63.3





#85

sec-Butylbenzene

Concen: 19.236 ug/l

RT: 13.39 min Scan# 1884

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

Instrument :

MSVOA_W

ClientSampleId :

VW1205SBSD02

Tgt Ion:105 Resp: 113861

Ion Ratio Lower Upper

105 100

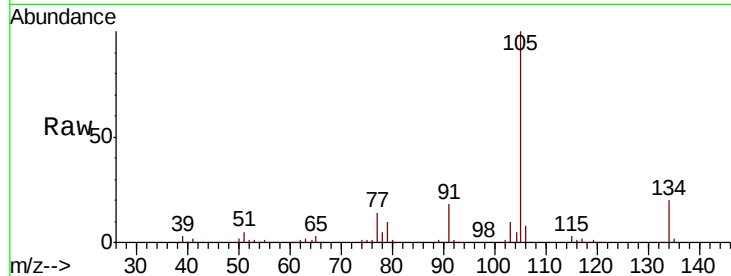
134 19.7 10.3 30.8

Manual Integrations

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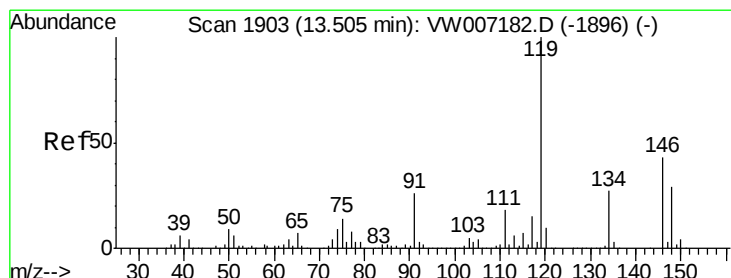
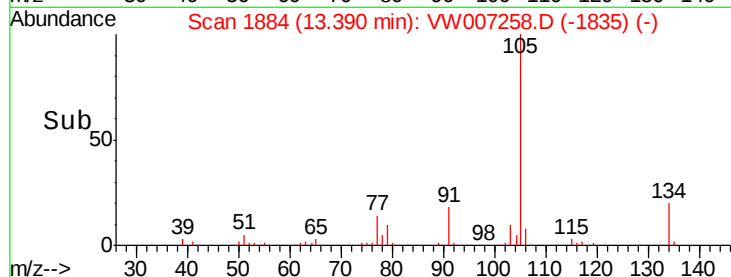
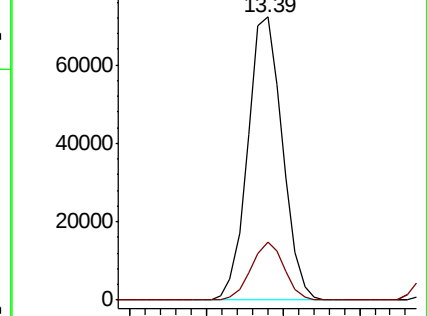
apatel

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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.954 ug/l

RT: 13.51 min Scan# 1903

Delta R.T. 0.00 min

Lab File: VW007258.D

Acq: 06 Dec 2018 04:57

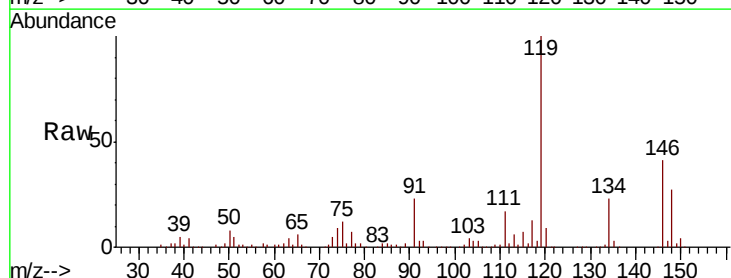
Tgt Ion:119 Resp: 105142

Ion Ratio Lower Upper

119 100

134 24.2 13.2 39.6

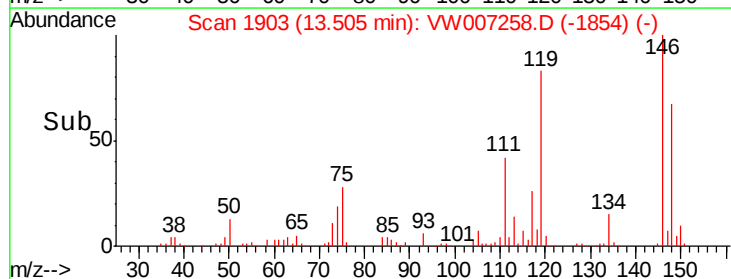
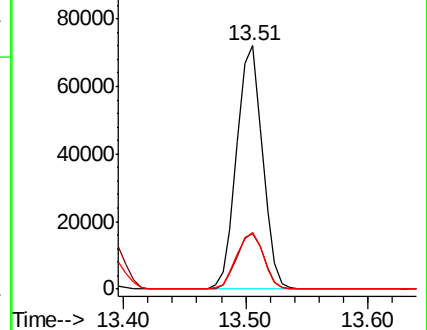
91 24.5 12.4 37.2

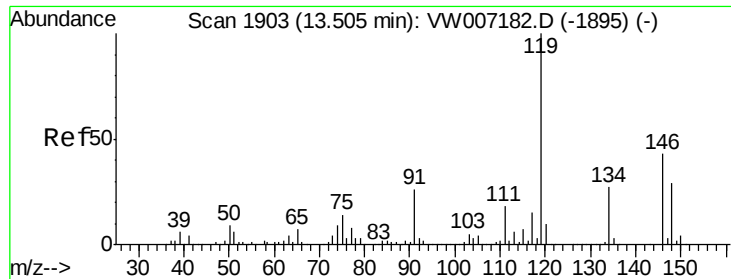


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





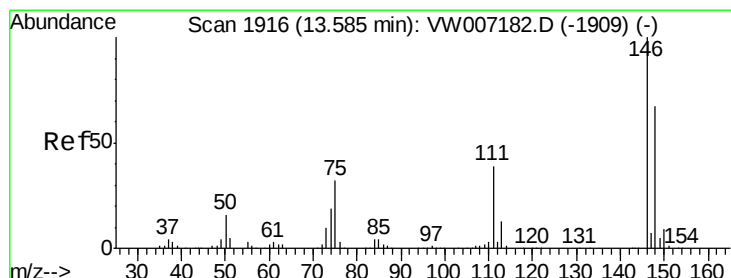
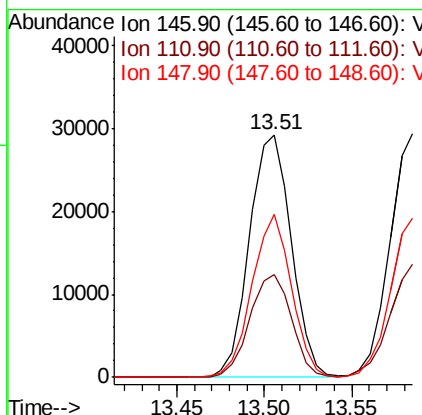
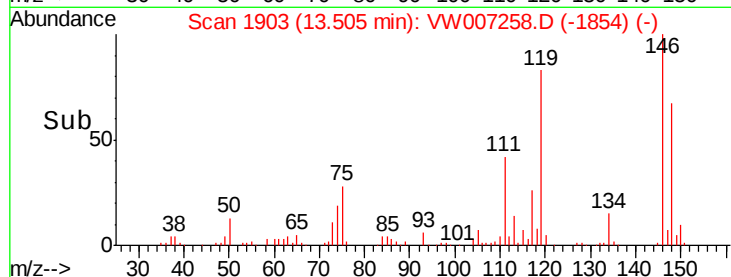
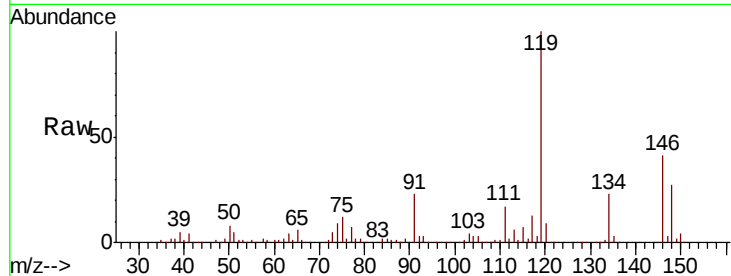
#87
 1,3-Dichlorobenzene
 Concen: 19.830 ug/l
 RT: 13.51 min Scan# 1903
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBSD02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.1	63.4
148	63.3	32.8	98.4

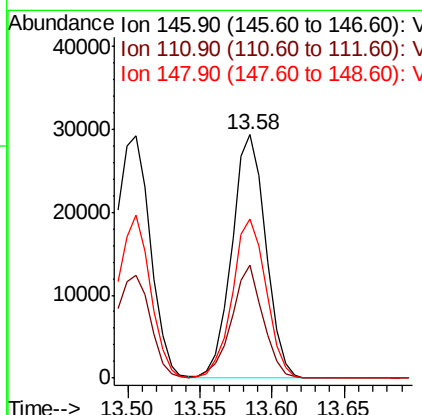
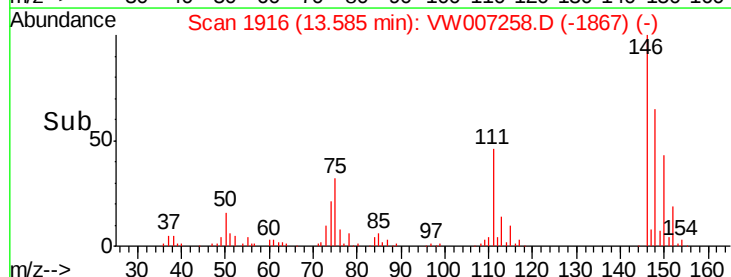
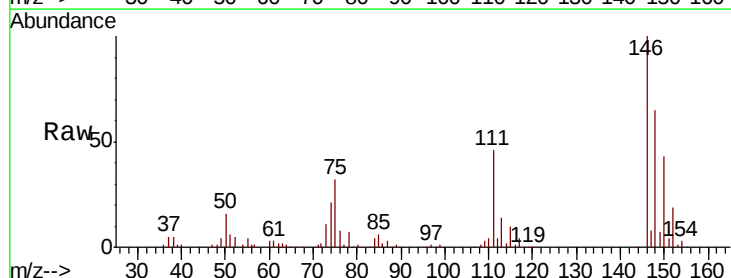
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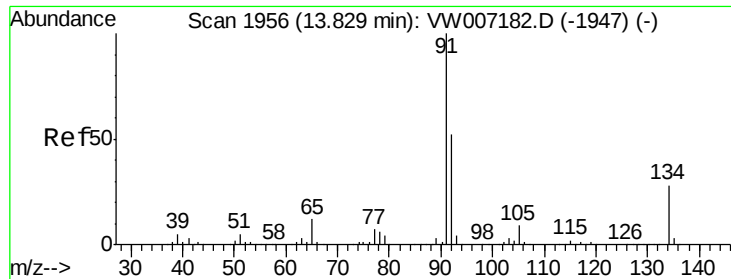
apatel
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#88
 1,4-Dichlorobenzene
 Concen: 19.383 ug/l
 RT: 13.58 min Scan# 1916
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.5	19.6	58.8
148	65.4	32.6	98.0





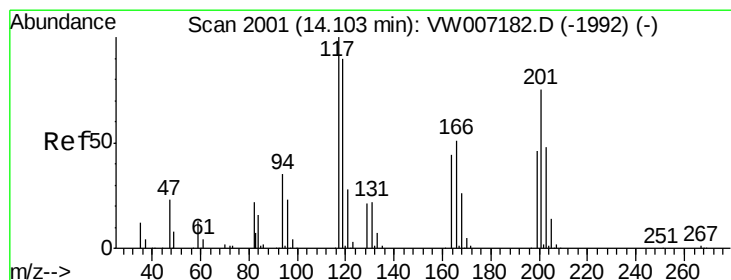
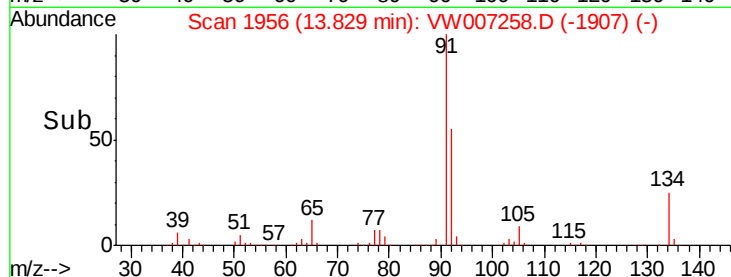
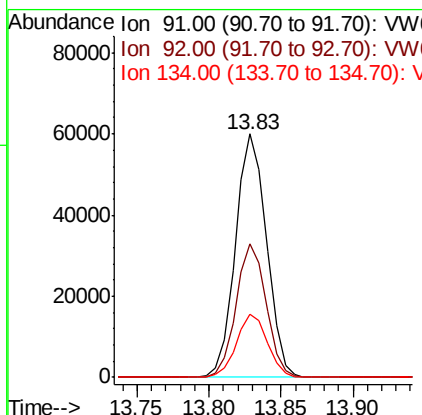
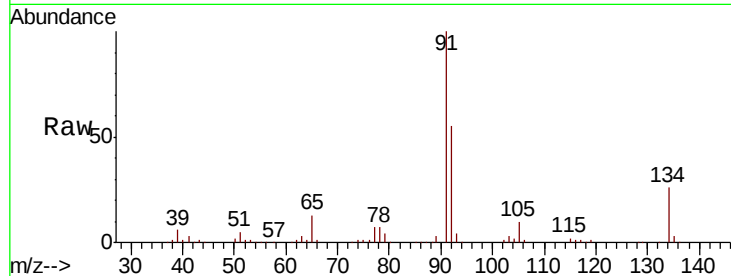
#89
n-Butylbenzene
Concen: 18.312 ug/l
RT: 13.83 min Scan# 1956
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tgt Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.5	79.5
134	26.1	14.1	42.2

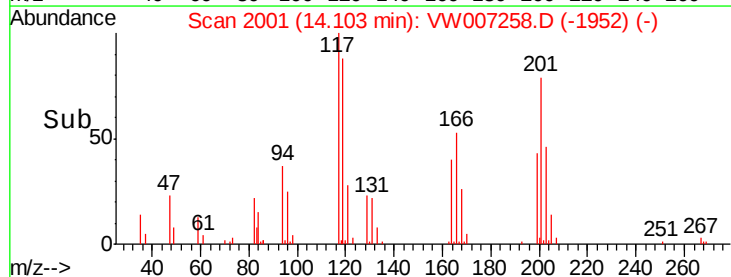
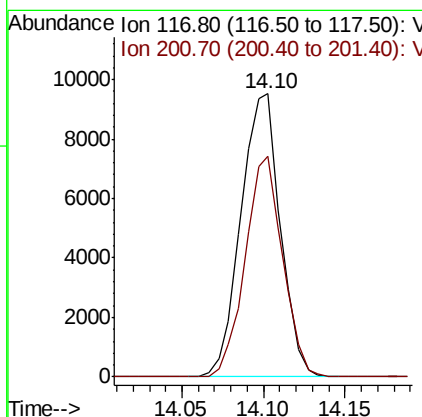
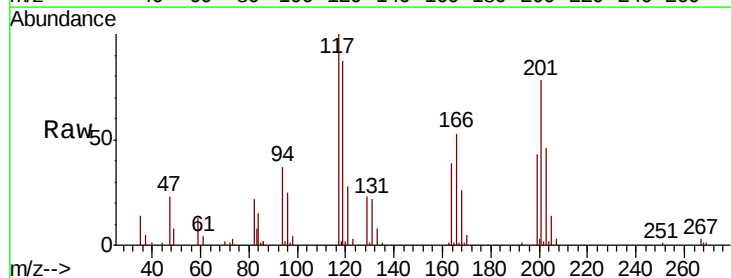
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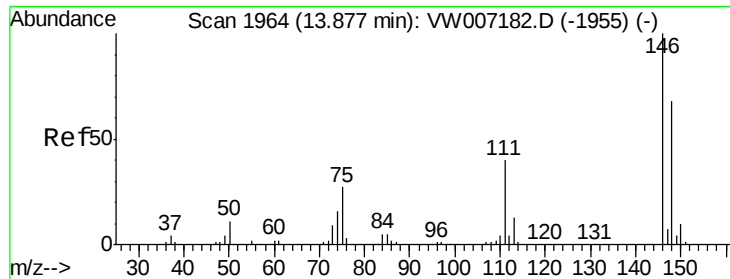
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#90
Hexachloroethane
Concen: 19.938 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
117	100		
201	73.8	36.0	108.1





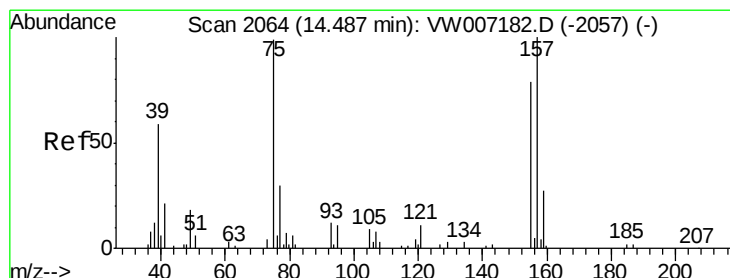
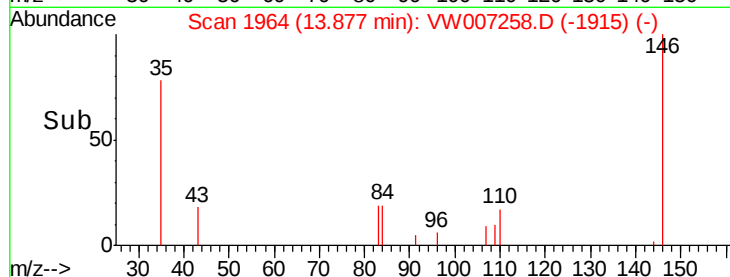
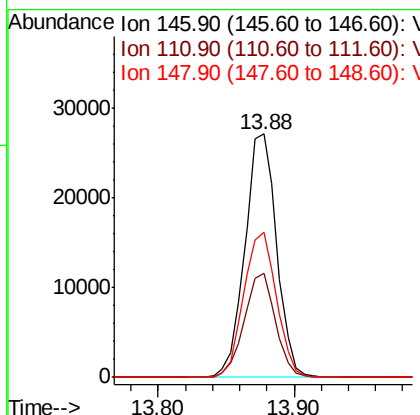
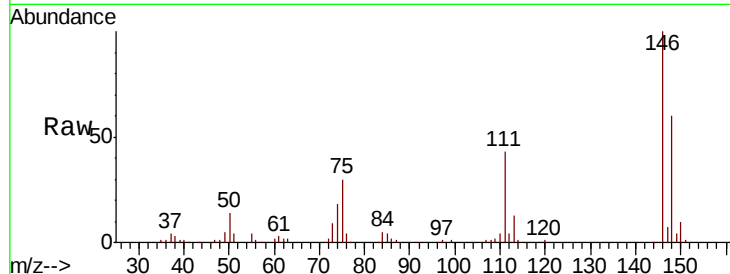
#91
 1,2-Dichlorobenzene
 Concen: 20.815 ug/l
 RT: 13.88 min Scan# 1964
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.6	65.0
148	61.4	32.7	98.1

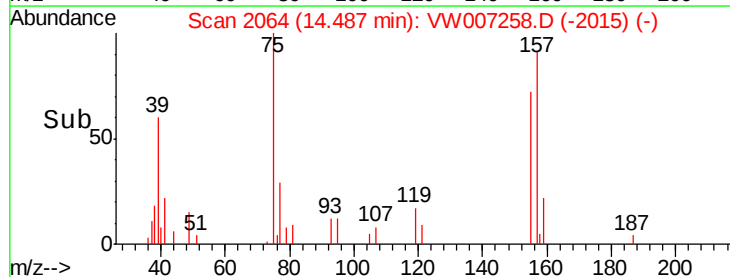
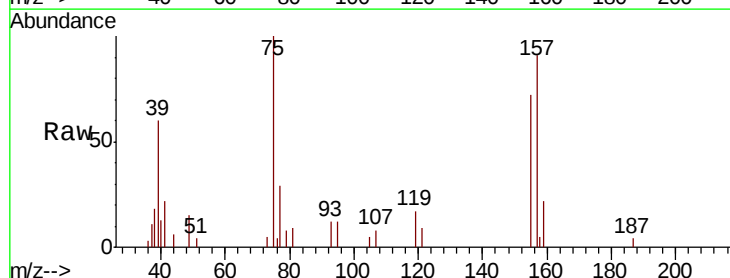
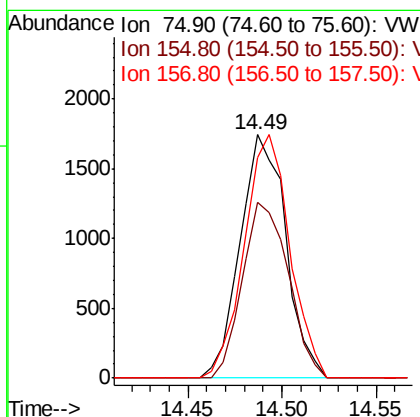
Manual Integrations
 APPROVED

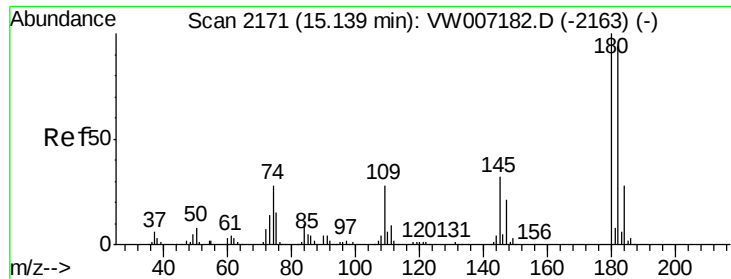
apatel
 12/6/2018 3:11:37 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.971 ug/l
 RT: 14.49 min Scan# 2064
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.8	42.4	127.2
157	99.8	55.3	165.9





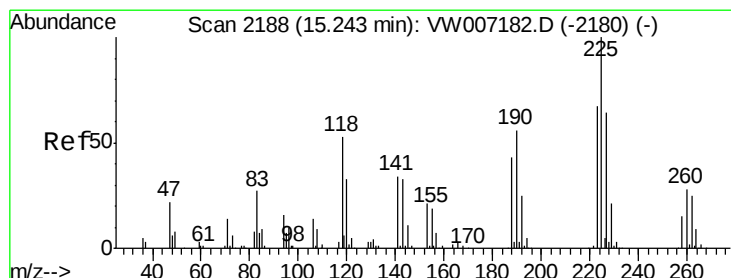
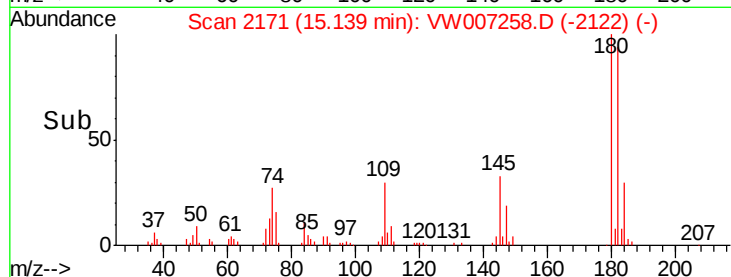
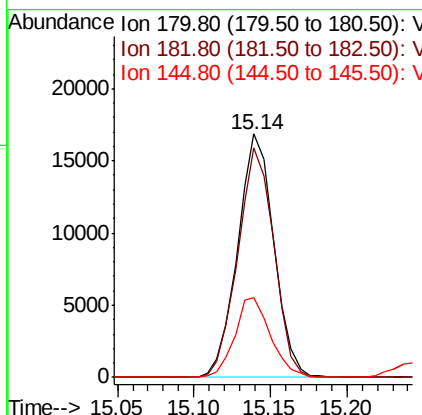
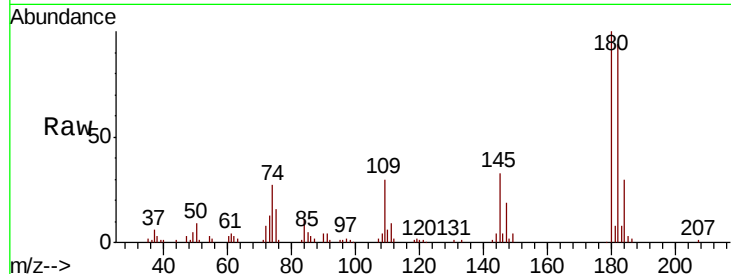
#93
 1,2,4-Trichlorobenzene
 Concen: 18.782 ug/l
 RT: 15.14 min Scan# 2171
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Instrument :
 MSVOA_W
 ClientSampleId :
 VW1205SBS02

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.7	47.9	143.8
145	32.3	16.6	49.7

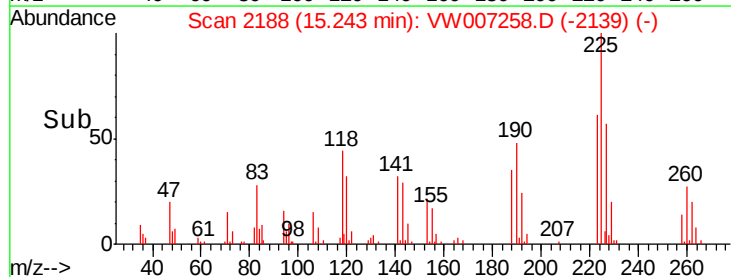
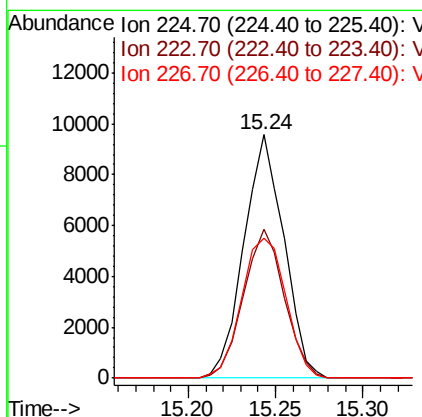
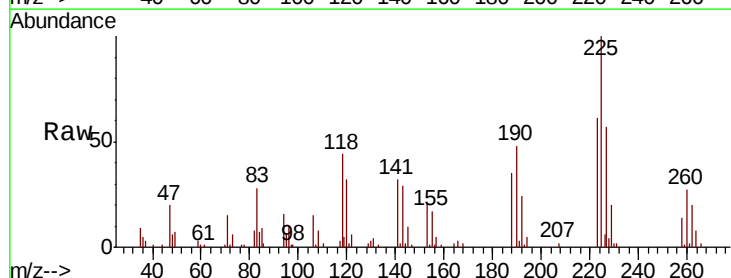
Manual Integrations
 APPROVED

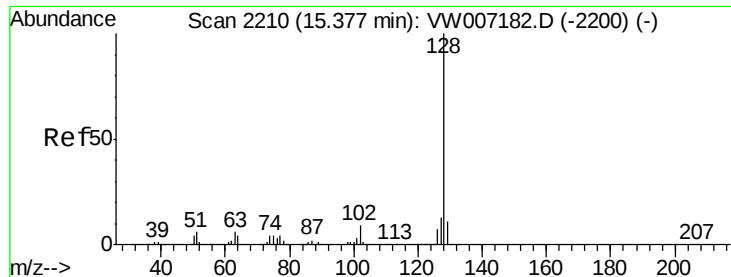
apatel
 12/6/2018 3:11:37 PM



#94
 Hexachlorobutadiene
 Concen: 19.142 ug/l
 RT: 15.24 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: VW007258.D
 Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.6	32.3	96.8
227	63.8	32.1	96.3





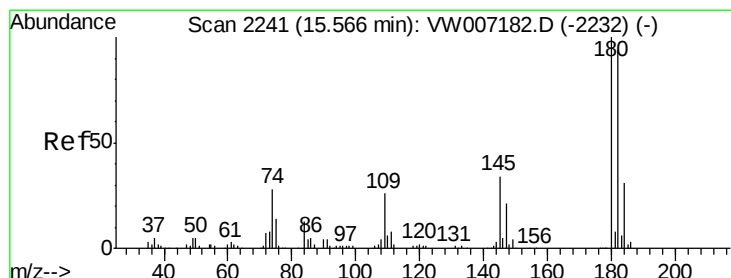
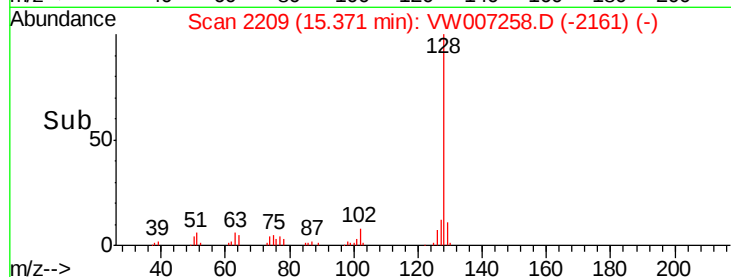
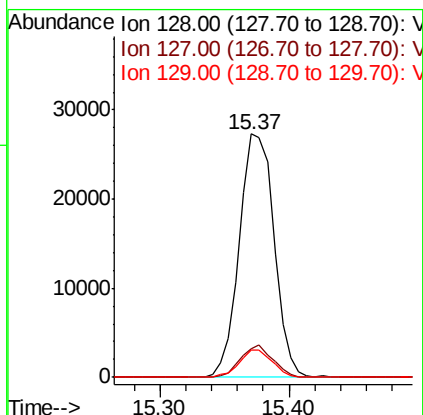
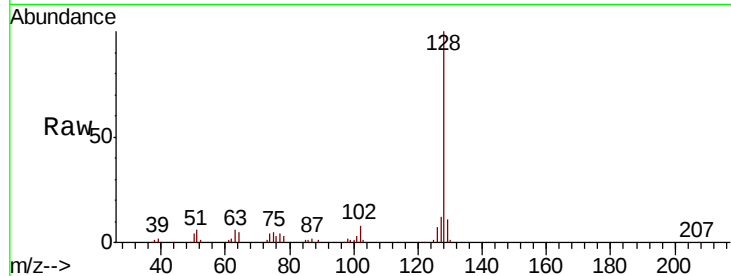
#95
Naphthalene
Concen: 19.298 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. -0.01 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Instrument :
MSVOA_W
ClientSampleId :
VW1205SBSD02

Tgt Ion	Ratio	Lower	Upper
128	100		
127	12.3	10.3	15.5
129	10.6	8.6	13.0

Manual Integrations
APPROVED

apatel
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#96
1,2,3-Trichlorobenzene
Concen: 19.128 ug/l
RT: 15.57 min Scan# 2241
Delta R.T. 0.00 min
Lab File: VW007258.D
Acq: 06 Dec 2018 04:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.4	142.2
145	32.8	17.6	52.8

